

LG

MULTI V 5

Heat Recovery & Heat Pump 220V
R410A(50Hz/60Hz)
6CVV0-01R(Replaces 6CVV0-01Q)

TOTAL HVAC SOLUTION PROVIDER

ENGINEERING PRODUCT DATA BOOK

MULTI VTM **5**

General Information

Outdoor Units

HR Unit

Installation of Outdoor Units

Special Guide










Control System

MULTI V™ **5**

General Information

- 1. Model Line-up & External Appearance**
- 2. Combination of Outdoor Units**
- 3. Nomenclature**
- 4. Indoor Unit and Outdoor Unit Capacity Index**

1. Model Line-up & External Appearance

CHASSIS	Model Name	Model
UXA	ARUM080BTE5 ARUM100BTE5 ARUM120BTE5	
UXB	ARUM140BTE5 ARUM160BTE5 ARUM180BTE5 ARUM200BTE5 ARUM220BTE5 ARUM240BTE5 ARUM260BTE5	
UXA UXA	ARUM221BTE5 ARUM241BTE5	
UXB UXA	ARUM261BTE5 ARUM280BTE5 ARUM300BTE5 ARUM320BTE5 ARUM340BTE5 ARUM360BTE5	
UXB UXB	ARUM380BTE5 ARUM400BTE5 ARUM420BTE5 ARUM440BTE5 ARUM460BTE5 ARUM480BTE5	
UXB UXB UXA	ARUM500BTE5 ARUM520BTE5 ARUM540BTE5 ARUM560BTE5 ARUM580BTE5 ARUM600BTE5	
UXB UXB UXB	ARUM620BTE5 ARUM640BTE5 ARUM660BTE5 ARUM680BTE5 ARUM700BTE5 ARUM720BTE5	
UXB UXB UXB UXA	ARUM740BTE5 ARUM760BTE5 ARUM780BTE5 ARUM800BTE5 ARUM820BTE5 ARUM840BTE5	
UXB UXB UXB UXB	ARUM860BTE5 ARUM880BTE5 ARUM900BTE5 ARUM920BTE5 ARUM940BTE5 ARUM960BTE5	

2. Combination of Outdoor Units

Model Name	Number of Units	Module(HP)									
		8	10	12	14	16	18	20	22	24	26
ARUM080BTE5	1	1									
ARUM100BTE5	1		1								
ARUM120BTE5	1			1							
ARUM140BTE5	1				1						
ARUM160BTE5	1					1					
ARUM180BTE5	1						1				
ARUM200BTE5	1							1			
ARUM220BTE5	1								1		
ARUM240BTE5	1									1	
ARUM260BTE5	1										1
ARUM221BTE5	2		1	1							
ARUM241BTE5	2			2							
ARUM261BTE5	2			1	1						
ARUM280BTE5	2			1		1					
ARUM300BTE5	2			1			1				
ARUM320BTE5	2			1				1			
ARUM340BTE5	2			1					1		
ARUM360BTE5	2			1						1	
ARUM380BTE5	2				1					1	
ARUM400BTE5	2					1				1	
ARUM420BTE5	2						1			1	
ARUM440BTE5	2							1		1	
ARUM460BTE5	2								1	1	
ARUM480BTE5	2									2	
ARUM500BTE5	3			1	1					1	
ARUM520BTE5	3			1		1				1	
ARUM540BTE5	3			1			1			1	
ARUM560BTE5	3			1				1		1	
ARUM580BTE5	3			1					1	1	
ARUM600BTE5	3			1						2	
ARUM620BTE5	3				1					2	
ARUM640BTE5	3					1				2	
ARUM660BTE5	3						1			2	
ARUM680BTE5	3							1		2	
ARUM700BTE5	3								1	2	
ARUM720BTE5	3									3	
ARUM740BTE5	4			1	1					2	
ARUM760BTE5	4			1		1				2	
ARUM780BTE5	4			1			1			2	
ARUM800BTE5	4			1				1		2	
ARUM820BTE5	4			1					1	2	
ARUM840BTE5	4			1						3	
ARUM860BTE5	4				1					3	
ARUM880BTE5	4					1				3	
ARUM900BTE5	4						1			3	
ARUM920BTE5	4							1		3	
ARUM940BTE5	4								1	3	
ARUM960BTE5	4									4	

3. Nomenclature

Model Name	ARU	M	100	B	T	E	5
No.	1	2	3	4	5	6	7

No.	Signification
1	Multi V System with Outdoor Unit using R410A ARU : Global line-up
2	Combination of Inverter Type and Cooling Only, Heat Pump or Heat Recovery M : Inverter, Heat Pump and Heat Recovery
3	Total Cooling capacity in Horse Power(HP) unit EX) 8HP → '080' 10HP → '100'
4	Electrical Ratings B : 3Ø, 220V, 60Hz / 3Ø, 220-240V, 50Hz
5	Air Discharge Type T : Top Discharge
6	E: High Efficiency
7	Serial Number

4. Indoor Unit and Outdoor Unit Capacity Index

4.1 Indoor Unit Selection

See the indoor unit capacity tables for given Indoor and Outdoor temperature

Select the unit whose capacity is the nearest to or greater than given load.

Note

Individual Indoor Unit capacity is subject to change by combination. Actual capacity has to be calculated according to the combination by using Outdoor unit capacity table.

4.2 Outdoor Unit Selection

Allowable combinations are indicated below. In general, outdoor unit can be selected depending on the location of the unit, zoning and usage of the rooms.

The indoor and outdoor unit combination is determined by comparing the sum of indoor unit capacity index with each Outdoor Unit. It is recommended to be the nearest to 100% combination ratio or to be smaller than that. Refer the table below. To manage cooling/heating load properly, it's better to be selected the bigger capacity outdoor unit rather than the nearest, if the installation space is large enough.

■ Allowable Total Capacity Index Table of Combined Indoor Units

Outdoor Unit Capacity(HP)	Indoor Unit Combination Ratio										
	50%	60%	70%	80%	90%	100%	110%	120%	130%	160%	200%
8	11.2	13.4	15.7	17.9	20.2	22.4	24.6	26.9	29.1	35.8	44.8
10	14.0	16.8	19.6	22.4	25.2	28.0	30.8	33.6	36.4	44.8	56.0
12	16.8	20.2	23.5	26.9	30.2	33.6	37.0	40.3	43.7	53.8	67.2
14	19.6	23.5	27.4	31.4	35.3	39.2	43.1	47.0	51.0	62.7	78.4
16	22.4	26.9	31.4	35.8	40.3	44.8	49.3	53.8	58.2	71.7	89.6
18	25.2	30.2	35.3	40.3	45.4	50.4	55.4	60.5	65.5	80.6	100.8
20	28.0	33.6	39.2	44.8	50.4	56.0	61.6	67.2	72.8	89.6	112.0
22	30.8	37.0	43.1	49.3	55.4	61.6	67.8	73.9	80.1	98.6	123.2
24	33.6	40.3	47.0	53.8	60.5	67.2	73.9	80.6	87.4	107.5	134.4
26	36.4	43.7	51.0	58.2	65.5	72.8	80.1	87.4	94.6	116.5	145.6
22'	30.8	37.0	43.1	49.3	55.4	61.6	67.8	73.9	80.1	98.6	-
24'	33.6	40.3	47.0	53.8	60.5	67.2	73.9	80.6	87.4	107.5	-
26'	36.4	43.7	51.0	58.2	65.5	72.8	80.1	87.4	94.6	116.5	-
28	39.2	47.0	54.9	62.7	70.6	78.4	86.2	94.1	101.9	125.4	-
30	42.0	50.4	58.8	67.2	75.6	84.0	92.4	100.8	109.2	134.4	-
32	44.8	53.8	62.7	71.7	80.6	89.6	98.6	107.5	116.5	143.4	-
34	47.6	57.1	66.6	76.2	85.7	95.2	104.7	114.2	123.8	152.3	-
36	50.4	60.5	70.6	80.6	90.7	100.8	110.9	121.0	131.0	161.3	-
38	53.2	63.8	74.5	85.1	95.8	106.4	117.0	127.7	138.3	170.2	-
40	56.0	67.2	78.4	89.6	100.8	112.0	123.2	134.4	145.6	179.2	-
42	58.8	70.6	82.3	94.1	105.8	117.6	129.4	141.1	152.9	188.2	-
44	61.6	73.9	86.2	98.6	110.9	123.2	135.5	147.8	160.2	197.1	-
46	64.4	77.3	90.2	103.0	115.9	128.8	141.7	154.6	167.4	206.1	-
48	67.2	80.6	94.1	107.5	121.0	134.4	147.8	161.3	174.7	215.0	-
50	70.0	84.0	98.0	112.0	126.0	140.0	154.0	168.0	182.0	-	-
52	72.8	87.4	101.9	116.5	131.0	145.6	160.2	174.7	189.3	-	-
54	75.6	90.7	105.8	121.0	136.1	151.2	166.3	181.4	196.6	-	-
56	78.4	94.1	109.8	125.4	141.1	156.8	172.5	188.2	203.8	-	-
58	81.2	97.4	113.7	129.9	146.2	162.4	178.6	194.9	211.1	-	-
60	84.0	100.8	117.6	134.4	151.2	168.0	184.8	201.6	218.4	-	-
62	86.8	104.2	121.5	138.9	156.2	173.6	191.0	208.3	225.7	-	-

4. Indoor Unit and Outdoor Unit Capacity Index

Outdoor Unit Capacity(HP)	Indoor Unit Combination Ratio										
	50%	60%	70%	80%	90%	100%	110%	120%	130%	160%	200%
64	89.6	107.5	125.4	143.4	161.3	179.2	197.1	215.0	233.0	-	-
66	92.4	110.9	129.4	147.8	166.3	184.8	203.3	221.8	240.2	-	-
68	95.2	114.2	133.3	152.3	171.4	190.4	209.4	228.5	247.5	-	-
70	98.0	117.6	137.2	156.8	176.4	196.0	215.6	235.2	254.8	-	-
72	100.8	121.0	141.1	161.3	181.4	201.6	221.8	241.9	262.1	-	-
74	103.6	124.3	145.0	165.8	186.5	207.2	227.9	248.6	269.4	-	-
76	106.4	127.7	149.0	170.2	191.5	212.8	234.1	255.4	276.6	-	-
78	109.2	131.0	152.9	174.7	196.6	218.4	240.2	262.1	283.9	-	-
80	112.0	134.4	156.8	179.2	201.6	224.0	246.4	268.8	291.2	-	-
82	114.8	137.8	160.7	183.7	206.6	229.6	252.6	275.5	298.5	-	-
84	117.6	141.1	164.6	188.2	211.7	235.2	258.7	282.2	305.8	-	-
86	120.4	144.5	168.6	192.6	216.7	240.8	264.9	289.0	313.0	-	-
88	123.2	147.8	172.5	197.1	221.8	246.4	271.0	295.7	320.3	-	-
90	126.0	151.2	176.4	201.6	226.8	252.0	277.2	302.4	327.6	-	-
92	128.8	154.6	180.3	206.1	231.8	257.6	283.4	309.1	334.9	-	-
94	131.6	157.9	184.2	210.6	236.9	263.2	289.5	315.8	342.2	-	-
96	134.4	161.3	188.2	215.0	241.9	268.8	295.7	322.6	349.4	-	-

† : 2 unit combination models

* Capacity Index is same as the capacity(kW).

INDOOR UNIT CAPACITY INDEX

Unit Capacity (Btu/h)	5k	7k	9k	12k	15k	18k	21k	24k	28k	30k	36k	42k	48k	54k	60k	76k	96k
Capacity Index	1.6	2.2	2.8	3.6	4.5	5.6	6.2	7.1	8.2	9.0	10.6	12.3	14.1	15.8	17.5	22.4	28.0

* Capacity Index is same as the capacity(kW).

CAUTION

◆ Combination Ratio(50~200%)

Number of Outdoor units	Combination Ratio
Single Unit	200%
Two Units combination	160%
Three or more Units combination	130%

Notes:

1. We can guarantee the operation only within 130% Combination Ratio.

If you want to connect more than 130% combination Ratio, please contact us and discuss the requirement.

2. In case that operating indoor units ratio to rated capacity of outdoor unit is more than 130%, the airflow will be operated as low step in the all indoor units.

MULTI V™ 5

Outdoor Units

- 1. Specifications**
- 2. Dimensions**
- 3. Piping Diagrams**
- 4. Wiring Diagrams**
- 5. Field Wiring**
- 6. Electric Characteristics**
- 7. Capacity Tables**
- 8. Capacity Correction Factor**
- 9. Operation Limits**
- 10. Sound Levels**
- 11. Accessories**

1. Specifications

HP			8	10
Model Name	Combination Unit		ARUM080BTE5	ARUM100BTE5
	Independent Unit		ARUM080BTE5	ARUM100BTE5
Capacity	Cooling (Rated)	kW	22.4	28.0
		Btu/h	76,400	95,500
	Heating (Rated)	kW	22.4	28.0
		Btu/h	76,400	95,500
	Heating (Max.)	kW	25.2	31.5
		Btu/h	86,000	107,500
Input	Cooling (Rated)	kW	4.46	5.43
	Heating (Rated)	kW	4.16	4.92
	Heating (Max.)	kW	4.85	5.73
EER			5.02	5.16
COP (Rated)			5.38	5.69
COP (Max.)			5.20	5.50
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	43.8	62.1
	Number of Revolution	rev/min	3,600	3,600
	Motor Output x Number	W x No.	4,200 × 1	5,300 × 1
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	1,200 × 1	1,200 × 1
	Air Flow Rate(High)	m ³ /min	240 × 1	240 × 1
		ft ³ /min	8,476 × 1	8,476 × 1
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	9.52(3/8)	9.52(3/8)
	Low Pressure Gas	mm(inch)	19.05(3/4)	22.2(7/8)
	High Pressure Gas	mm(inch)	15.88(5/8)	19.05(3/4)
Pipe Connections #2	Liquid	mm(inch)	9.52(3/8)	9.52(3/8)
	Gas	mm(inch)	19.05(3/4)	22.2(7/8)
Dimensions(W x H x D)		mm	(930 × 1,690 × 760) × 1	(930 × 1,690 × 760) × 1
		inch	(36-5/8 × 66-17/32 × 29-29/32) × 1	(36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	198 × 1	215 × 1
		lbs	437 × 1	474 × 1
Sound Pressure Level	Cooling	dB(A)	58.0	58.0
	Heating	dB(A)	59.0	59.0

Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			8	10
Model Name	Combination Unit		ARUM080BTE5	ARUM100BTE5
	Independent Unit		ARUM080BTE5	ARUM100BTE5
Sound Power Level	Cooling	dB(A)	77.0	78.0
	Heating	dB(A)	78.0	79.0
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	7.5	9.5
		lbs	16.5	20.9
	t-CO ₂ eq		15.7	19.8
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			13(20)	16(25)

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Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			12	14
Model Name	Combination Unit		ARUM120BTE5	ARUM140BTE5
	Independent Unit		ARUM120BTE5	ARUM140BTE5
Capacity	Cooling (Rated)	kW	33.6	39.2
		Btu/h	114,600	133,800
	Heating (Rated)	kW	33.6	39.2
		Btu/h	114,600	133,800
	Heating (Max.)	kW	37.8	44.1
		Btu/h	129,000	150,500
Input	Cooling (Rated)	kW	7.00	8.60
	Heating (Rated)	kW	6.87	8.50
	Heating (Max.)	kW	8.15	10.05
EER			4.80	4.56
COP (Rated)			4.89	4.61
COP (Max.)			4.64	4.39
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1	62.1
	Number of Revolution	rev/min	3,600	3,600
	Motor Output x Number	W x No.	5,300 × 1	5,300 × 1
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	1,200 × 1	900 × 2
	Air Flow Rate(High)	m ³ /min	240 × 1	320 × 1
		ft ³ /min	8,476 × 1	11,301 × 1
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	12.7(1/2)	12.7(1/2)
	Low Pressure Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
	High Pressure Gas	mm(inch)	19.05(3/4)	22.2(7/8)
Pipe Connections #2	Liquid	mm(inch)	12.7(1/2)	12.7(1/2)
	Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
Dimensions(W x H x D)		mm	(930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 1
		inch	(36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	215 × 1	237 × 1
		lbs	474 × 1	522 × 1
Sound Pressure Level	Cooling	dB(A)	59.0	60.0
	Heating	dB(A)	60.0	61.0

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			12	14
Model Name	Combination Unit		ARUM120BTE5	ARUM140BTE5
	Independent Unit		ARUM120BTE5	ARUM140BTE5
Sound Power Level	Cooling	dB(A)	79.0	82.0
	Heating	dB(A)	80.0	84.0
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	9.5	10.5
		lbs	20.9	23.1
	t-CO ₂ eq		19.8	21.9
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			20(30)	23(35)

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- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			16	18
Model Name	Combination Unit		ARUM160BTE5	ARUM180BTE5
	Independent Unit		ARUM160BTE5	ARUM180BTE5
Capacity	Cooling (Rated)	kW	44.8	50.4
		Btu/h	152,900	172,000
	Heating (Rated)	kW	44.8	50.4
		Btu/h	152,900	172,000
	Heating (Max.)	kW	50.4	56.7
		Btu/h	172,000	193,500
Input	Cooling (Rated)	kW	10.62	9.82
	Heating (Rated)	kW	10.16	9.73
	Heating (Max.)	kW	12.24	11.77
EER			4.22	5.13
COP (Rated)			4.41	5.18
COP (Max.)			4.12	4.82
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1	62.1 × 1 + 43.8 × 1
	Number of Revolution	rev/min	3,600	3,600 × 2
	Motor Output x Number	W x No.	5,300 × 1	5,300 × 1 + 4,200 × 1
	Starting Method		Inverter	Inverter
Oil Type		FW68D(PVE)	FW68D(PVE)	
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	900 × 2	900 × 2
	Air Flow Rate(High)	m ³ /min	320 × 1	320 × 1
		ft ³ /min	11,301 × 1	11,301 × 1
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	12.7(1/2)	15.88(5/8)
	Low Pressure Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
	High Pressure Gas	mm(inch)	22.2(7/8)	22.2(7/8)
Pipe Connections #2	Liquid	mm(inch)	12.7(1/2)	15.88(5/8)
	Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	237 × 1	300 × 1
		lbs	522 × 1	661 × 1
Sound Pressure Level	Cooling	dB(A)	60.5	61.0
	Heating	dB(A)	61.5	62.0

Note

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- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			16	18
Model Name	Combination Unit		ARUM160BTE5	ARUM180BTE5
	Independent Unit		ARUM160BTE5	ARUM180BTE5
Sound Power Level	Cooling	dB(A)	83.0	85.0
	Heating	dB(A)	85.0	86.0
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	10.5	16.0
		lbs	23.1	35.3
	t-CO ₂ eq		21.9	33.4
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			26(40)	29(45)

Note

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- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			20	22
Model Name	Combination Unit		ARUM200BTE5	ARUM220BTE5
	Independent Unit		ARUM200BTE5	ARUM220BTE5
Capacity	Cooling (Rated)	kW	56.0	61.6
		Btu/h	191,100	210,200
	Heating (Rated)	kW	56.0	61.6
		Btu/h	191,100	210,200
	Heating (Max.)	kW	63.0	69.3
		Btu/h	215,000	236,500
Input	Cooling (Rated)	kW	11.50	14.16
	Heating (Rated)	kW	11.84	13.48
	Heating (Max.)	kW	13.60	16.23
EER			4.87	4.35
COP (Rated)			4.73	4.57
COP (Max.)			4.63	4.27
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 × 1 + 43.8 × 1	62.1 × 1 + 43.8 × 1
	Number of Revolution	rev/min	3,600 × 2	3,600 × 2
	Motor Output x Number	W x No.	5,300 × 1 + 4,200 × 1	5,300 × 1 + 4,200 × 1
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	900 × 2	900 × 2
	Air Flow Rate(High)	m ³ /min	320 × 1	320 × 1
		ft ³ /min	11,301 × 1	11,301 × 1
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	15.88(5/8)	15.88(5/8)
	Low Pressure Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
	High Pressure Gas	mm(inch)	22.2(7/8)	28.58(1-1/8)
Pipe Connections #2	Liquid	mm(inch)	15.88(5/8)	15.88(5/8)
	Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	300 × 1	300 × 1
		lbs	661 × 1	661 × 1
Sound Pressure Level	Cooling	dB(A)	62.0	64.5
	Heating	dB(A)	64.5	65.5

Note

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- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			20	22
Model Name	Combination Unit		ARUM200BTE5	ARUM220BTE5
	Independent Unit		ARUM200BTE5	ARUM220BTE5
Sound Power Level	Cooling	dB(A)	86.0	86.0
	Heating	dB(A)	87.0	88.0
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	16.0	16.0
		lbs	35.3	35.3
	t-CO ₂ eq		33.4	33.4
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			32(50)	35(56)

Note

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- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			24	26
Model Name	Combination Unit		ARUM240BTE5	ARUM260BTE5
	Independent Unit		ARUM240BTE5	ARUM260BTE5
Capacity	Cooling (Rated)	kW	67.2	72.8
		Btu/h	229,300	248,400
	Heating (Rated)	kW	67.2	67.2
		Btu/h	229,300	229,300
	Heating (Max.)	kW	74.3	74.3
		Btu/h	253,400	253,400
Input	Cooling (Rated)	kW	16.55	18.76
	Heating (Rated)	kW	16.27	18.52
	Heating (Max.)	kW	18.66	19.66
EER			4.06	3.88
COP (Rated)			4.13	3.63
COP (Max.)			3.98	3.78
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 × 2	62.1 × 2
	Number of Revolution	rev/min	3,600 × 2	3,600 × 2
	Motor Output x Number	W x No.	5,300 × 2	5,300 × 2
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	900 × 2	900 × 2
	Air Flow Rate(High)	m ³ /min	320 × 1	320 × 1
		ft ³ /min	11,301 × 1	11,301 × 1
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	15.88(5/8)	19.05(3/4)
	Low Pressure Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
	High Pressure Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
Pipe Connections #2	Liquid	mm(inch)	15.88(5/8)	19.05(3/4)
	Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	310 × 1	310 × 1
		lbs	683 × 1	683 × 1
Sound Pressure Level	Cooling	dB(A)	65.0	65.0
	Heating	dB(A)	67.0	67.0

Note

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- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			24	26
Model Name	Combination Unit		ARUM240BTE5	ARUM260BTE5
	Independent Unit		ARUM240BTE5	ARUM260BTE5
Sound Power Level	Cooling	dB(A)	88.0	88.0
	Heating	dB(A)	90.0	90.0
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	17.0	17.0
		lbs	37.5	37.5
	t-CO ₂ eq		35.5	35.5
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			39(61)	42(64)

Note

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- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			22	24
Model Name	Combination Unit		ARUM221BTE5	ARUM241BTE5
	Independent Unit		ARUM120BTE5	ARUM120BTE5
			ARUM100BTE5	ARUM120BTE5
Capacity	Cooling (Rated)	kW	61.6	67.2
		Btu/h	210,200	229,300
	Heating (Rated)	kW	61.6	67.2
		Btu/h	210,200	229,300
	Heating (Max.)	kW	69.3	75.6
		Btu/h	236,500	257,900
Input	Cooling (Rated)	kW	12.43	14.00
	Heating (Rated)	kW	11.79	13.74
	Heating (Max.)	kW	13.88	16.30
EER			4.96	4.80
COP (Rated)			5.22	4.89
COP (Max.)			4.99	4.64
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 × 2	62.1 × 2
	Number of Revolution	rev/min	3,600 × 2	3,600 × 2
	Motor Output x Number	W x No.	5,300 × 2	5,300 × 2
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	(1,200 × 1) + (1,200 × 1)	(1,200 × 1) + (1,200 × 1)
	Air Flow Rate(High)	m ³ /min	(240 × 1) + (240 × 1)	(240 × 1) + (240 × 1)
		ft ³ /min	(8,476 × 1) + (8,476 × 1)	(8,476 × 1) + (8,476 × 1)
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	15.88(5/8)	15.88(5/8)
	Low Pressure Gas	mm(inch)	28.58(1-1/8)	34.9(1-3/8)
	High Pressure Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
Pipe Connections #2	Liquid	mm(inch)	15.88(5/8)	15.88(5/8)
	Gas	mm(inch)	28.58(1-1/8)	34.9(1-3/8)
Dimensions(W x H x D)		mm	(930 × 1,690 × 760) × 2	(930 × 1,690 × 760) × 2
		inch	(36-5/8 × 66-17/32 × 29-29/32) × 2	(36-5/8 × 66-17/32 × 29-29/32) × 2
Net Weight		kg	215 × 2	215 × 2
		lbs	474 × 2	474 × 2
Sound Pressure Level	Cooling	dB(A)	61.5	62.0
	Heating	dB(A)	62.5	63.0

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			22	24
Model Name	Combination Unit		ARUM221BTE5	ARUM241BTE5
	Independent Unit		ARUM120BTE5	ARUM120BTE5
			ARUM100BTE5	ARUM120BTE5
Sound Power Level	Cooling	dB(A)	81.5	82.0
	Heating	dB(A)	82.5	83.0
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	9.5 + 9.5	9.5 + 9.5
		lbs	20.9 + 20.9	20.9 + 20.9
	t-CO ₂ eq		39.7	39.7
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			35(44)	39(48)

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			26	28
Model Name	Combination Unit		ARUM261BTE5	ARUM280BTE5
	Independent Unit		ARUM140BTE5	ARUM160BTE5
			ARUM120BTE5	ARUM120BTE5
Capacity	Cooling (Rated)	kW	72.8	78.4
		Btu/h	248,400	267,500
	Heating (Rated)	kW	72.8	78.4
		Btu/h	248,400	267,500
	Heating (Max.)	kW	81.9	88.2
		Btu/h	279,400	300,900
Input	Cooling (Rated)	kW	15.60	17.62
	Heating (Rated)	kW	15.37	17.03
	Heating (Max.)	kW	18.19	20.39
EER			4.67	4.45
COP (Rated)			4.74	4.60
COP (Max.)			4.50	4.33
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 × 2	62.1 × 2
	Number of Revolution	rev/min	3,600 × 2	3,600 × 2
	Motor Output x Number	W x No.	5,300 × 2	5,300 × 2
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	(900 × 2) + (1,200 × 1)	(900 × 2) + (1,200 × 1)
	Air Flow Rate(High)	m ³ /min	(320 × 1) + (240 × 1)	(320 × 1) + (240 × 1)
		ft ³ /min	(11,301 × 1) + (8,476 × 1)	(11,301 × 1) + (8,476 × 1)
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
	High Pressure Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
Pipe Connections #2	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 1 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 1 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 1 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 1 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	(237 × 1) + (215 × 1)	(237 × 1) + (215 × 1)
		lbs	(522 × 1) + (474 × 1)	(522 × 1) + (474 × 1)

Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			26	28
Model Name	Combination Unit		ARUM261BTE5	ARUM280BTE5
	Independent Unit		ARUM140BTE5	ARUM160BTE5
			ARUM120BTE5	ARUM120BTE5
Sound Pressure Level	Cooling	dB(A)	62.5	62.8
	Heating	dB(A)	63.5	63.8
Sound Power Level	Cooling	dB(A)	83.8	84.5
	Heating	dB(A)	85.5	86.2
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	10.5 + 9.5	10.5 + 9.5
		lbs	23.1 + 20.9	23.1 + 20.9
	t-CO ₂ eq		41.8	41.8
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			42(52)	45(56)

Note

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- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			30	32
Model Name	Combination Unit		ARUM300BTE5	ARUM320BTE5
	Independent Unit		ARUM180BTE5	ARUM200BTE5
			ARUM120BTE5	ARUM120BTE5
Capacity	Cooling (Rated)	kW	84.0	89.6
		Btu/h	286,600	305,700
	Heating (Rated)	kW	84.0	89.6
		Btu/h	286,600	305,700
	Heating (Max.)	kW	94.5	100.8
		Btu/h	322,400	343,900
Input	Cooling (Rated)	kW	16.82	18.50
	Heating (Rated)	kW	16.60	18.71
	Heating (Max.)	kW	19.92	21.75
EER			4.99	4.84
COP (Rated)			5.06	4.79
COP (Max.)			4.74	4.63
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	(62.1 × 2) + (43.8 × 1)	(62.1 × 2) + (43.8 × 1)
	Number of Revolution	rev/min	3,600 × 3	3,600 × 3
	Motor Output x Number	W x No.	(5,300 × 2) + (4,200 × 1)	(5,300 × 2) + (4,200 × 1)
	Starting Method		Inverter	Inverter
Oil Type		FW68D(PVE)	FW68D(PVE)	
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	(900 × 2) + (1,200 × 1)	(900 × 2) + (1,200 × 1)
	Air Flow Rate(High)	m ³ /min	(320 × 1) + (240 × 1)	(320 × 1) + (240 × 1)
		ft ³ /min	(11,301 × 1) + (8,476 × 1)	(11,301 × 1) + (8,476 × 1)
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
	High Pressure Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
Pipe Connections #2	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 1 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 1 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 1 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 1 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	(300 × 1) + (215 × 1)	(300 × 1) + (215 × 1)
		lbs	(661 × 1) + (474 × 1)	(661 × 1) + (474 × 1)

Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			30	32
Model Name	Combination Unit		ARUM300BTE5	ARUM320BTE5
	Independent Unit		ARUM180BTE5	ARUM200BTE5
			ARUM120BTE5	ARUM120BTE5
Sound Pressure Level	Cooling	dB(A)	63.1	63.8
	Heating	dB(A)	64.1	65.8
Sound Power Level	Cooling	dB(A)	86.0	86.8
	Heating	dB(A)	87.0	87.8
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	16.0 + 9.5	16.0 + 9.5
		lbs	35.3 + 20.9	35.3 + 20.9
	t-CO ₂ eq		53.2	53.2
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			49(60)	52(64)

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			34	36
Model Name	Combination Unit		ARUM340BTE5	ARUM360BTE5
	Independent Unit		ARUM220BTE5	ARUM240BTE5
			ARUM120BTE5	ARUM120BTE5
Capacity	Cooling (Rated)	kW	95.2	100.8
		Btu/h	324,800	343,900
	Heating (Rated)	kW	95.2	100.8
		Btu/h	324,800	343,900
	Heating (Max.)	kW	107.1	112.1
		Btu/h	365,400	382,300
Input	Cooling (Rated)	kW	21.16	23.55
	Heating (Rated)	kW	20.35	23.14
	Heating (Max.)	kW	24.38	26.81
EER			4.50	4.28
COP (Rated)			4.68	4.36
COP (Max.)			4.39	4.18
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	(62.1 × 2) + (43.8 × 1)	62.1 × 3
	Number of Revolution	rev/min	3,600 × 3	3,600 × 3
	Motor Output x Number	W x No.	(5,300 × 2) + (4,200 × 1)	5,300 × 3
	Starting Method		Inverter	Inverter
Oil Type		FW68D(PVE)	FW68D(PVE)	
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	(900 × 2) + (1,200 × 1)	(900 × 2) + (1,200 × 1)
	Air Flow Rate(High)	m ³ /min	(320 × 1) + (240 × 1)	(320 × 1) + (240 × 1)
		ft ³ /min	(11,301 × 1) + (8,476 × 1)	(11,301 × 1) + (8,476 × 1)
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas	mm(inch)	34.9(1-3/8)	41.3(1-5/8)
	High Pressure Gas	mm(inch)	28.58(1-1/8)	28.58(1-1/8)
Pipe Connections #2	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	34.9(1-3/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 1 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 1 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 1 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 1 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	(300 × 1) + (215 × 1)	(310 × 1) + (215 × 1)
		lbs	(661 × 1) + (474 × 1)	(683 × 1) + (474 × 1)

Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			34	36
Model Name	Combination Unit		ARUM340BTE5	ARUM360BTE5
	Independent Unit		ARUM220BTE5	ARUM240BTE5
			ARUM120BTE5	ARUM120BTE5
Sound Pressure Level	Cooling	dB(A)	65.6	66.0
	Heating	dB(A)	66.6	67.8
Sound Power Level	Cooling	dB(A)	86.8	88.5
	Heating	dB(A)	88.6	90.4
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	16.0 + 9.5	17.0 + 9.5
		lbs	35.3 + 20.9	37.5 + 20.9
	t-CO ₂ eq		53.2	55.3
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			55(64)	58(64)

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			38	40
Model Name	Combination Unit		ARUM380BTE5	ARUM400BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM140BTE5	ARUM160BTE5
Capacity	Cooling (Rated)	kW	106.4	112.0
		Btu/h	363,000	382,100
	Heating (Rated)	kW	106.4	112.0
		Btu/h	363,000	382,100
	Heating (Max.)	kW	118.4	124.7
		Btu/h	403,800	425,300
Input	Cooling (Rated)	kW	25.15	27.17
	Heating (Rated)	kW	24.77	26.43
	Heating (Max.)	kW	28.71	30.90
EER			4.23	4.12
COP (Rated)			4.30	4.24
COP (Max.)			4.12	4.03
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 × 3	62.1 × 3
	Number of Revolution	rev/min	3,600 × 3	3,600 × 3
	Motor Output x Number	W x No.	5,300 × 3	5,300 × 3
	Starting Method		Inverter	Inverter
Oil Type			FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	900 × 4	900 × 4
	Air Flow Rate(High)	m ³ /min	320 × 2	320 × 2
		ft ³ /min	11,301 × 2	11,301 × 2
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
	High Pressure Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Pipe Connections #2	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 2	(1,240 × 1,690 × 760) × 2
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 2	(48-13/16 × 66-17/32 × 29-29/32) × 2
Net Weight		kg	(310 × 1) + (237 × 1)	(310 × 1) + (237 × 1)
		lbs	(683 × 1) + (522 × 1)	(683 × 1) + (522 × 1)
Sound Pressure Level	Cooling	dB(A)	66.2	66.3
	Heating	dB(A)	68.0	68.1

Note

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- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			38	40
Model Name	Combination Unit		ARUM380BTE5	ARUM400BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM140BTE5	ARUM160BTE5
Sound Power Level	Cooling	dB(A)	89.0	89.2
	Heating	dB(A)	91.0	91.2
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	17.0 + 10.5	17.0 + 10.5
		lbs	37.5 + 23.1	37.5 + 23.1
	t-CO ₂ eq		57.4	57.4
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			61(64)	64

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			42	44
Model Name	Combination Unit		ARUM420BTE5	ARUM440BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM180BTE5	ARUM200BTE5
Capacity	Cooling (Rated)	kW	117.6	123.2
		Btu/h	401,300	420,400
	Heating (Rated)	kW	117.6	123.2
		Btu/h	401,300	420,400
	Heating (Max.)	kW	131.0	137.3
		Btu/h	446,800	468,300
Input	Cooling (Rated)	kW	26.37	28.05
	Heating (Rated)	kW	26.00	28.11
	Heating (Max.)	kW	30.43	32.26
EER			4.46	4.39
COP (Rated)			4.52	4.38
COP (Max.)			4.30	4.25
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	(62.1 × 3) + (43.8 × 1)	(62.1 × 3) + (43.8 × 1)
	Number of Revolution	rev/min	3,600 × 4	3,600 × 4
	Motor Output x Number	W x No.	(5,300 × 3) + (4,200 × 1)	(5,300 × 3) + (4,200 × 1)
	Starting Method		Inverter	Inverter
Oil Type		FW68D(PVE)	FW68D(PVE)	
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	900 × 4	900 × 4
	Air Flow Rate(High)	m ³ /min	320 × 2	320 × 2
		ft ³ /min	11,301 × 2	11,301 × 2
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
	High Pressure Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Pipe Connections #2	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 2	(1,240 × 1,690 × 760) × 2
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 2	(48-13/16 × 66-17/32 × 29-29/32) × 2
Net Weight		kg	(310 × 1) + (300 × 1)	(310 × 1) + (300 × 1)
		lbs	(683 × 1) + (661 × 1)	(683 × 1) + (661 × 1)
Sound Pressure Level	Cooling	dB(A)	66.5	66.8
	Heating	dB(A)	68.2	68.9

Note

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- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			42	44
Model Name	Combination Unit		ARUM420BTE5	ARUM440BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM180BTE5	ARUM200BTE5
Sound Power Level	Cooling	dB(A)	89.8	90.1
	Heating	dB(A)	91.5	91.8
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	17.0 + 16.0	17.0 + 16.0
		lbs	37.5 + 35.3	37.5 + 35.3
	t-CO ₂ eq		68.9	68.9
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			64	64

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			46	48
Model Name	Combination Unit		ARUM460BTE5	ARUM480BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM220BTE5	ARUM240BTE5
Capacity	Cooling (Rated)	kW	128.8	134.4
		Btu/h	439,500	458,600
	Heating (Rated)	kW	128.8	134.4
		Btu/h	439,500	458,600
	Heating (Max.)	kW	143.6	148.5
		Btu/h	489,800	506,700
Input	Cooling (Rated)	kW	30.71	33.10
	Heating (Rated)	kW	29.75	32.54
	Heating (Max.)	kW	34.89	37.32
EER			4.19	4.06
COP (Rated)			4.33	4.13
COP (Max.)			4.11	3.98
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	(62.1 × 3) + (43.8 × 1)	62.1 × 4
	Number of Revolution	rev/min	3,600 × 4	3,600 × 4
	Motor Output x Number	W x No.	(5,300 × 3) + (4,200 × 1)	5,300 × 4
	Starting Method		Inverter	Inverter
Oil Type		FW68D(PVE)	FW68D(PVE)	
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	900 × 4	900 × 4
	Air Flow Rate(High)	m ³ /min	320 × 2	320 × 2
		ft ³ /min	11,301 × 2	11,301 × 2
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
	High Pressure Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Pipe Connections #2	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 2	(1,240 × 1,690 × 760) × 2
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 2	(48-13/16 × 66-17/32 × 29-29/32) × 2
Net Weight		kg	(310 × 1) + (300 × 1)	310 × 2
		lbs	(683 × 1) + (661 × 1)	683 × 2
Sound Pressure Level	Cooling	dB(A)	67.8	68.0
	Heating	dB(A)	69.3	70.0

Note

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- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			46	48
Model Name	Combination Unit		ARUM460BTE5	ARUM480BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM220BTE5	ARUM240BTE5
Sound Power Level	Cooling	dB(A)	90.1	91.0
	Heating	dB(A)	92.1	93.0
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	17.0 + 16.0	17.0 × 2
		lbs	37.5 + 35.3	37.5 × 2
	t-CO ₂ eq		68.9	71.0
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			64	64

Note

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- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			50	52
Model Name	Combination Unit		ARUM500BTE5	ARUM520BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM140BTE5	ARUM160BTE5
			ARUM120BTE5	ARUM120BTE5
Capacity	Cooling (Rated)	kW	140.0	145.6
		Btu/h	477,700	496,800
	Heating (Rated)	kW	140.0	145.6
		Btu/h	477,700	496,800
	Heating (Max.)	kW	156.2	162.5
		Btu/h	532,800	554,300
Input	Cooling (Rated)	kW	32.15	34.17
	Heating (Rated)	kW	31.64	33.30
	Heating (Max.)	kW	36.86	39.05
EER			4.35	4.26
COP (Rated)			4.42	4.37
COP (Max.)			4.24	4.16
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 × 4	62.1 × 4
	Number of Revolution	rev/min	3,600 × 4	3,600 × 4
	Motor Output x Number	W x No.	5,300 × 4	5,300 × 4
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	(900 × 4) + (1,200 × 1)	(900 × 4) + (1,200 × 1)
	Air Flow Rate(High)	m ³ /min	(320 × 2) + (240 × 1)	(320 × 2) + (240 × 1)
		ft ³ /min	(11,301 × 2) + (8,476 × 1)	(11,301 × 2) + (8,476 × 1)
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
	High Pressure Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Pipe Connections #2	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	(310 × 1) + (237 × 1) + (215 × 1)	(310 × 1) + (237 × 1) + (215 × 1)
		lbs	(683 × 1) + (522 × 1) + (474 × 1)	(683 × 1) + (522 × 1) + (474 × 1)

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			50	52
Model Name	Combination Unit		ARUM500BTE5	ARUM520BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM140BTE5	ARUM160BTE5
			ARUM120BTE5	ARUM120BTE5
Sound Pressure Level	Cooling	dB(A)	67.0	67.1
	Heating	dB(A)	68.6	68.7
Sound Power Level	Cooling	dB(A)	89.4	89.6
	Heating	dB(A)	91.3	91.5
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	17.0 + 10.5 + 9.5	17.0 + 10.5 + 9.5
		lbs	37.5 + 23.1 + 20.9	37.5 + 23.1 + 20.9
	t-CO ₂ eq		77.2	77.2
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			64	64

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			54	56
Model Name	Combination Unit		ARUM540BTE5	ARUM560BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM180BTE5	ARUM200BTE5
			ARUM120BTE5	ARUM120BTE5
Capacity	Cooling (Rated)	kW	151.2	156.8
		Btu/h	515,900	535,000
	Heating (Rated)	kW	151.2	156.8
		Btu/h	515,900	535,000
	Heating (Max.)	kW	168.8	175.1
		Btu/h	575,800	597,300
Input	Cooling (Rated)	kW	33.37	35.05
	Heating (Rated)	kW	32.87	34.98
	Heating (Max.)	kW	38.58	40.41
EER			4.53	4.47
COP (Rated)			4.60	4.48
COP (Max.)			4.37	4.33
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	(62.1 × 4) + (43.8 × 1)	(62.1 × 4) + (43.8 × 1)
	Number of Revolution	rev/min	3,600 × 5	3,600 × 5
	Motor Output x Number	W x No.	(5,300 × 4) + (4,200 × 1)	(5,300 × 4) + (4,200 × 1)
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	(900 × 4) + (1,200 × 1)	(900 × 4) + (1,200 × 1)
	Air Flow Rate(High)	m ³ /min	(320 × 2) + (240 × 1)	(320 × 2) + (240 × 1)
		ft ³ /min	(11,301 × 2) + (8,476 × 1)	(11,301 × 2) + (8,476 × 1)
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
	High Pressure Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Pipe Connections #2	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	(310 × 1) + (300 × 1) + (215 × 1)	(310 × 1) + (300 × 1) + (215 × 1)
		lbs	(683 × 1) + (661 × 1) + (474 × 1)	(683 × 1) + (661 × 1) + (474 × 1)

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			54	56
Model Name	Combination Unit		ARUM540BTE5	ARUM560BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM180BTE5	ARUM200BTE5
			ARUM120BTE5	ARUM120BTE5
Sound Pressure Level	Cooling	dB(A)	67.2	67.4
	Heating	dB(A)	68.8	69.5
Sound Power Level	Cooling	dB(A)	90.1	90.4
	Heating	dB(A)	91.8	92.0
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	17.0 + 16.0 + 9.5	17.0 + 16.0 + 9.5
		lbs	37.5 + 35.3 + 20.9	37.5 + 35.3 + 20.9
	t-CO ₂ eq		88.7	88.7
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			64	64

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			58	60
Model Name	Combination Unit		ARUM580BTE5	ARUM600BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM220BTE5	ARUM240BTE5
			ARUM120BTE5	ARUM120BTE5
Capacity	Cooling (Rated)	kW	162.4	168.0
		Btu/h	554,100	573,200
	Heating (Rated)	kW	162.4	168.0
		Btu/h	554,100	573,200
	Heating (Max.)	kW	181.4	186.3
		Btu/h	618,800	635,700
Input	Cooling (Rated)	kW	37.71	40.10
	Heating (Rated)	kW	36.62	39.41
	Heating (Max.)	kW	43.04	45.47
EER			4.31	4.19
COP (Rated)			4.43	4.26
COP (Max.)			4.21	4.10
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	(62.1 × 4) + (43.8 × 1)	62.1 × 5
	Number of Revolution	rev/min	3,600 × 5	3,600 × 5
	Motor Output x Number	W x No.	(5,300 × 4) + (4,200 × 1)	5,300 × 5
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	(900 × 4) + (1,200 × 1)	(900 × 4) + (1,200 × 1)
	Air Flow Rate(High)	m ³ /min	(320 × 2) + (240 × 1)	(320 × 2) + (240 × 1)
		ft ³ /min	(11,301 × 2) + (8,476 × 1)	(11,301 × 2) + (8,476 × 1)
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Low Pressure Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
	High Pressure Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Pipe Connections #2	Liquid	mm(inch)	19.05(3/4)	19.05(3/4)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 2 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 2 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	(310 × 1) + (300 × 1) + (215 × 1)	(310 × 2) + (215 × 1)
		lbs	(683 × 1) + (661 × 1) + (474 × 1)	(683 × 2) + (474 × 1)

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			58	60
Model Name	Combination Unit		ARUM580BTE5	ARUM600BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM220BTE5	ARUM240BTE5
			ARUM120BTE5	ARUM120BTE5
Sound Pressure Level	Cooling	dB(A)	68.3	68.5
	Heating	dB(A)	69.8	70.4
Sound Power Level	Cooling	dB(A)	90.4	91.3
	Heating	dB(A)	92.4	93.2
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	17.0 + 16.0 + 9.5	17.0 + 17.0 + 9.5
		lbs	37.5 + 35.3 + 20.9	37.5 + 37.5 + 20.9
	t-CO ₂ eq		88.7	90.8
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			64	64

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			62	64
Model Name	Combination Unit		ARUM620BTE5	ARUM640BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM140BTE5	ARUM160BTE5
Capacity	Cooling (Rated)	kW	173.6	179.2
		Btu/h	592,300	611,400
	Heating (Rated)	kW	173.6	179.2
		Btu/h	592,300	611,400
	Heating (Max.)	kW	192.6	198.9
		Btu/h	657,200	678,700
Input	Cooling (Rated)	kW	41.70	43.72
	Heating (Rated)	kW	41.04	42.70
	Heating (Max.)	kW	47.37	49.56
EER			4.16	4.10
COP (Rated)			4.23	4.20
COP (Max.)			4.07	4.01
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 × 5	62.1 × 5
	Number of Revolution	rev/min	3,600 × 5	3,600 × 5
	Motor Output x Number	W x No.	5,300 × 5	5,300 × 5
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	900 × 6	900 × 6
	Air Flow Rate(High)	m ³ /min	320 × 3	320 × 3
		ft ³ /min	11,301 × 3	11,301 × 3
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Low Pressure Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
	High Pressure Gas	mm(inch)	34.9(1-3/8)	34.9(1-3/8)
Pipe Connections #2	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 3	(1,240 × 1,690 × 760) × 3
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 3	(48-13/16 × 66-17/32 × 29-29/32) × 3
Net Weight		kg	(310 × 2) + (237 × 1)	(310 × 2) + (237 × 1)
		lbs	(683 × 2) + (522 × 1)	(683 × 2) + (522 × 1)
Sound Pressure Level	Cooling	dB(A)	68.6	68.7
	Heating	dB(A)	70.5	70.6

Note

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- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			62	64
Model Name	Combination Unit		ARUM620BTE5	ARUM640BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM140BTE5	ARUM160BTE5
Sound Power Level	Cooling	dB(A)	91.5	91.6
	Heating	dB(A)	93.5	93.6
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	17.0 + 17.0 + 10.5	17.0 + 17.0 + 10.5
		lbs	37.5 + 37.5 + 23.1	37.5 + 37.5 + 23.1
	t-CO ₂ eq		92.9	92.9
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			64	64

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			66	68
Model Name	Combination Unit		ARUM660BTE5	ARUM680BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM180BTE5	ARUM200BTE5
Capacity	Cooling (Rated)	kW	184.8	190.4
		Btu/h	630,500	649,600
	Heating (Rated)	kW	184.8	190.4
		Btu/h	630,500	649,600
	Heating (Max.)	kW	205.2	211.5
		Btu/h	700,200	721,700
Input	Cooling (Rated)	kW	42.92	44.60
	Heating (Rated)	kW	42.27	44.38
	Heating (Max.)	kW	49.09	50.92
EER			4.31	4.27
COP (Rated)			4.37	4.29
COP (Max.)			4.18	4.15
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	(62.1 × 5) + (43.8 × 1)	(62.1 × 5) + (43.8 × 1)
	Number of Revolution	rev/min	3,600 × 6	3,600 × 6
	Motor Output x Number	W x No.	(5,300 × 5) + (4,200 × 1)	(5,300 × 5) + (4,200 × 1)
	Starting Method		Inverter	Inverter
Oil Type		FW68D(PVE)	FW68D(PVE)	
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	900 × 6	900 × 6
	Air Flow Rate(High)	m ³ /min	320 × 3	320 × 3
		ft ³ /min	11,301 × 3	11,301 × 3
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Low Pressure Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
	High Pressure Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Pipe Connections #2	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 3	(1,240 × 1,690 × 760) × 3
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 3	(48-13/16 × 66-17/32 × 29-29/32) × 3
Net Weight		kg	(310 × 2) + (300 × 1)	(310 × 2) + (300 × 1)
		lbs	(683 × 2) + (661 × 1)	(683 × 2) + (661 × 1)
Sound Pressure Level	Cooling	dB(A)	68.8	69.0
	Heating	dB(A)	70.6	71.1

Note

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- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			66	68
Model Name	Combination Unit		ARUM660BTE5	ARUM680BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM180BTE5	ARUM200BTE5
Sound Power Level	Cooling	dB(A)	92.0	92.2
	Heating	dB(A)	93.8	94.0
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	17.0 + 17.0 + 16.0	17.0 + 17.0 + 16.0
		lbs	37.5 + 37.5 + 35.3	37.5 + 37.5 + 35.3
	t-CO ₂ eq		104.4	104.4
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			64	64

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			70	72
Model Name	Combination Unit		ARUM700BTE5	ARUM720BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM220BTE5	ARUM240BTE5
Capacity	Cooling (Rated)	kW	196.0	201.6
		Btu/h	668,800	687,900
	Heating (Rated)	kW	196.0	201.6
		Btu/h	668,800	687,900
	Heating (Max.)	kW	217.8	222.8
		Btu/h	743,200	760,100
Input	Cooling (Rated)	kW	47.26	49.65
	Heating (Rated)	kW	46.02	48.81
	Heating (Max.)	kW	53.55	55.98
EER			4.15	4.06
COP (Rated)			4.26	4.13
COP (Max.)			4.07	3.98
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	(62.1 × 5) + (43.8 × 1)	62.1 × 6
	Number of Revolution	rev/min	3,600 × 6	3,600 × 6
	Motor Output x Number	W x No.	(5,300 × 5) + (4,200 × 1)	5,300 × 6
	Starting Method		Inverter	Inverter
Oil Type		FW68D(PVE)	FW68D(PVE)	
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	900 × 6	900 × 6
	Air Flow Rate(High)	m ³ /min	320 × 3	320 × 3
		ft ³ /min	11,301 × 3	11,301 × 3
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Low Pressure Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
	High Pressure Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Pipe Connections #2	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 3	(1,240 × 1,690 × 760) × 3
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 3	(48-13/16 × 66-17/32 × 29-29/32) × 3
Net Weight		kg	(310 × 2) + (300 × 1)	310 × 3
		lbs	(683 × 2) + (661 × 1)	683 × 3
Sound Pressure Level	Cooling	dB(A)	69.6	69.8
	Heating	dB(A)	71.3	71.8

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			70	72
Model Name	Combination Unit		ARUM700BTE5	ARUM720BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM220BTE5	ARUM240BTE5
Sound Power Level	Cooling	dB(A)	92.2	92.8
	Heating	dB(A)	94.2	94.8
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	17.0 + 17.0 + 16.0	17.0 + 17.0 + 17.0
		lbs	37.5 + 37.5 + 35.3	37.5 + 37.5 + 37.5
	t-CO ₂ eq		104.4	106.5
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			64	64

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			74	76
Model Name	Combination Unit		ARUM740BTE5	ARUM760BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM140BTE5	ARUM160BTE5
			ARUM120BTE5	ARUM120BTE5
Capacity	Cooling (Rated)	kW	207.2	212.8
		Btu/h	707,000	726,100
	Heating (Rated)	kW	207.2	212.8
		Btu/h	707,000	726,100
	Heating (Max.)	kW	230.4	236.7
		Btu/h	786,200	807,700
Input	Cooling (Rated)	kW	48.70	50.72
	Heating (Rated)	kW	47.91	49.57
	Heating (Max.)	kW	55.52	57.71
EER			4.25	4.20
COP (Rated)			4.32	4.29
COP (Max.)			4.15	4.10
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 × 6	62.1 × 6
	Number of Revolution	rev/min	3,600 × 6	3,600 × 6
	Motor Output x Number	W x No.	5,300 × 6	5,300 × 6
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	(900 × 6) + (1,200 × 1)	(900 × 6) + (1,200 × 1)
	Air Flow Rate(High)	m ³ /min	(320 × 3) + (240 × 1)	(320 × 3) + (240 × 1)
		ft ³ /min	(11,301 × 3) + (8,476 × 1)	(11,301 × 3) + (8,476 × 1)
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Low Pressure Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
	High Pressure Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Pipe Connections #2	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 3 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 3 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 3 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 3 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	(310 × 2) + (237 × 1) + (215 × 1)	(310 × 2) + (237 × 1) + (215 × 1)
		lbs	(683 × 2) + (522 × 1) + (474 × 1)	(683 × 2) + (522 × 1) + (474 × 1)

Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			74	76
Model Name	Combination Unit		ARUM740BTE5	ARUM760BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM140BTE5	ARUM160BTE5
			ARUM120BTE5	ARUM120BTE5
Sound Pressure Level	Cooling	dB(A)	69.1	69.2
	Heating	dB(A)	70.9	70.9
Sound Power Level	Cooling	dB(A)	91.8	91.9
	Heating	dB(A)	93.7	93.8
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²	2C × 1.0 ~ 1.5		2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	17.0 + 17.0 + 10.5 + 9.5	17.0 + 17.0 + 10.5 + 9.5
		lbs	37.5 + 37.5 + 23.1 + 20.9	37.5 + 37.5 + 23.1 + 20.9
	t-CO ₂ eq		112.7	112.7
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz	220-240, 3, 50		220-240, 3, 50
		220, 3, 60		220, 3, 60
Number of maximum connectable indoor units			64	64

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			78	80
Model Name	Combination Unit		ARUM780BTE5	ARUM800BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM180BTE5	ARUM200BTE5
			ARUM120BTE5	ARUM120BTE5
Capacity	Cooling (Rated)	kW	218.4	224.0
		Btu/h	745,200	764,300
	Heating (Rated)	kW	218.4	224.0
		Btu/h	745,200	764,300
	Heating (Max.)	kW	243.0	249.3
		Btu/h	829,200	850,700
Input	Cooling (Rated)	kW	49.92	51.60
	Heating (Rated)	kW	49.14	51.25
	Heating (Max.)	kW	57.24	59.07
EER			4.38	4.34
COP (Rated)			4.44	4.37
COP (Max.)			4.25	4.22
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	(62.1 × 6) + (43.8 × 1)	(62.1 × 6) + (43.8 × 1)
	Number of Revolution	rev/min	3,600 × 6	3,600 × 6
	Motor Output x Number	W x No.	(5,300 × 6) + (4,200 × 1)	(5,300 × 6) + (4,200 × 1)
	Starting Method		Inverter	Inverter
Oil Type		FW68D(PVE)	FW68D(PVE)	
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	(900 × 6) + (1,200 × 1)	(900 × 6) + (1,200 × 1)
	Air Flow Rate(High)	m ³ /min	(320 × 3) + (240 × 1)	(320 × 3) + (240 × 1)
		ft ³ /min	(11,301 × 3) + (8,476 × 1)	(11,301 × 3) + (8,476 × 1)
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Low Pressure Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
	High Pressure Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Pipe Connections #2	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 3 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 3 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 3 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 3 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	(310 × 2) + (300 × 1) + (215 × 1)	(310 × 2) + (300 × 1) + (215 × 1)
		lbs	(683 × 2) + (661 × 1) + (474 × 1)	(683 × 2) + (661 × 1) + (474 × 1)

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			78	80
Model Name	Combination Unit		ARUM780BTE5	ARUM800BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM180BTE5	ARUM200BTE5
			ARUM120BTE5	ARUM120BTE5
Sound Pressure Level	Cooling	dB(A)	69.2	69.4
	Heating	dB(A)	71.0	71.4
Sound Power Level	Cooling	dB(A)	92.2	92.4
	Heating	dB(A)	94.0	94.2
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	17.0 + 17.0 + 16.0 + 9.5	17.0 + 17.0 + 16.0 + 9.5
		lbs	37.5 + 37.5 + 35.3 + 20.9	37.5 + 37.5 + 35.3 + 20.9
	t-CO ₂ eq		124.2	124.2
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			64	64

Note

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- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			82	84
Model Name	Combination Unit		ARUM820BTE5	ARUM840BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM220BTE5	ARUM240BTE5
			ARUM120BTE5	ARUM120BTE5
Capacity	Cooling (Rated)	kW	229.6	235.2
		Btu/h	783,400	802,500
	Heating (Rated)	kW	229.6	235.2
		Btu/h	783,400	802,500
	Heating (Max.)	kW	255.6	260.6
		Btu/h	872,100	889,100
Input	Cooling (Rated)	kW	54.26	56.65
	Heating (Rated)	kW	52.89	55.68
	Heating (Max.)	kW	61.70	64.13
EER			4.23	4.15
COP (Rated)			4.34	4.22
COP (Max.)			4.14	4.06
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	(62.1 × 6) + (43.8 × 1)	62.1 × 7
	Number of Revolution	rev/min	3,600 × 6	3,600 × 7
	Motor Output x Number	W x No.	(5,300 × 6) + (4,200 × 1)	5,300 × 7
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	(900 × 6) + (1,200 × 1)	(900 × 6) + (1,200 × 1)
	Air Flow Rate(High)	m ³ /min	(320 × 3) + (240 × 1)	(320 × 3) + (240 × 1)
		ft ³ /min	(11,301 × 3) + (8,476 × 1)	(11,301 × 3) + (8,476 × 1)
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Low Pressure Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
	High Pressure Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Pipe Connections #2	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 3 + (930 × 1,690 × 760) × 1	(1,240 × 1,690 × 760) × 3 + (930 × 1,690 × 760) × 1
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 3 + (36-5/8 × 66-17/32 × 29-29/32) × 1	(48-13/16 × 66-17/32 × 29-29/32) × 3 + (36-5/8 × 66-17/32 × 29-29/32) × 1
Net Weight		kg	(310 × 2) + (300 × 1) + (215 × 1)	(310 × 3) + (215 × 1)
		lbs	(683 × 2) + (661 × 1) + (474 × 1)	(683 × 3) + (474 × 1)

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			82	84
Model Name	Combination Unit		ARUM820BTE5	ARUM840BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM220BTE5	ARUM240BTE5
			ARUM120BTE5	ARUM120BTE5
Sound Pressure Level	Cooling	dB(A)	70.0	70.1
	Heating	dB(A)	71.6	72.1
Sound Power Level	Cooling	dB(A)	92.4	92.9
	Heating	dB(A)	94.4	94.9
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²	2C × 1.0 ~ 1.5		2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	17.0 + 17.0 + 16.0 + 9.5	17.0 + 17.0 + 17.0 + 9.5
		lbs	37.5 + 37.5 + 35.3 + 20.9	37.5 + 37.5 + 37.5 + 20.9
	t-CO ₂ eq		124.2	126.3
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz	220-240, 3, 50		220-240, 3, 50
		220, 3, 60		220, 3, 60
Number of maximum connectable indoor units			64	64

Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			86	88
Model Name	Combination Unit		ARUM860BTE5	ARUM880BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM140BTE5	ARUM160BTE5
Capacity	Cooling (Rated)	kW	240.8	246.4
		Btu/h	821,600	840,700
	Heating (Rated)	kW	240.8	246.4
		Btu/h	821,600	840,700
	Heating (Max.)	kW	266.9	273.2
		Btu/h	910,600	932,000
Input	Cooling (Rated)	kW	58.25	60.27
	Heating (Rated)	kW	57.31	58.97
	Heating (Max.)	kW	66.03	68.22
EER			4.13	4.09
COP (Rated)			4.20	4.18
COP (Max.)			4.04	4.00
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 × 7	62.1 × 7
	Number of Revolution	rev/min	3,600 × 7	3,600 × 7
	Motor Output x Number	W x No.	5,300 × 7	5,300 × 7
	Starting Method		Inverter	Inverter
	Oil Type		FW68D(PVE)	FW68D(PVE)
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	900 × 8	900 × 8
	Air Flow Rate(High)	m ³ /min	320 × 4	320 × 4
		ft ³ /min	11,301 × 4	11,301 × 4
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP
Pipe Connections #1	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Low Pressure Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
	High Pressure Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Pipe Connections #2	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 4	(1,240 × 1,690 × 760) × 4
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 4	(48-13/16 × 66-17/32 × 29-29/32) × 4
Net Weight		kg	(310 × 3) + (237 × 1)	(310 × 3) + (237 × 1)
		lbs	(683 × 3) + (522 × 1)	(683 × 3) + (522 × 1)
Sound Pressure Level	Cooling	dB(A)	70.2	70.3
	Heating	dB(A)	72.1	72.2

Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			86	88
Model Name	Combination Unit		ARUM860BTE5	ARUM880BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM140BTE5	ARUM160BTE5
Sound Power Level	Cooling	dB(A)	93.1	93.2
	Heating	dB(A)	95.1	95.2
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication Cable (VCTF-SB)	No. xmm ²		2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	17.0 + 17.0 + 17.0 + 10.5	17.0 + 17.0 + 17.0 + 10.5
		lbs	37.5 + 37.5 + 37.5 + 23.1	37.5 + 37.5 + 37.5 + 23.1
	t-CO ₂ eq		128.4	128.4
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			16(25)	64

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			90	92
Model Name	Combination Unit		ARUM900BTE5	ARUM920BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM180BTE5	ARUM200BTE5
Capacity	Cooling (Rated)	kW	252.0	257.6
		Btu/h	859,800	878,900
	Heating (Rated)	kW	252.0	257.6
		Btu/h	859,800	878,900
	Heating (Max.)	kW	279.5	285.8
		Btu/h	953,500	975,000
Input	Cooling (Rated)	kW	59.47	61.15
	Heating (Rated)	kW	58.54	60.65
	Heating (Max.)	kW	67.75	69.58
EER			4.24	4.21
COP (Rated)			4.30	4.25
COP (Max.)			4.12	4.11
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	(62.1 × 7) + (43.8 × 1)	(62.1 × 7) + (43.8 × 1)
	Number of Revolution	rev/min	3,600 × 8	3,600 × 8
	Motor Output x Number	W x No.	(5,300 × 7) + (4,200 × 1)	(5,300 × 7) + (4,200 × 1)
	Starting Method		Inverter	Inverter
Oil Type		FW68D(PVE)	FW68D(PVE)	
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	900 × 8	900 × 8
	Air Flow Rate(High)	m ³ /min	320 × 4	320 × 4
		ft ³ /min	11,301 × 4	11,301 × 4
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Low Pressure Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
	High Pressure Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Pipe Connections #2	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 4	(1,240 × 1,690 × 760) × 4
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 4	(48-13/16 × 66-17/32 × 29-29/32) × 4
Net Weight		kg	(310 × 3) + (300 × 1)	(310 × 3) + (300 × 1)
		lbs	(683 × 3) + (661 × 1)	(683 × 3) + (661 × 1)
Sound Pressure Level	Cooling	dB(A)	70.3	70.4
	Heating	dB(A)	72.2	72.5

Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			90	92
Model Name	Combination Unit		ARUM900BTE5	ARUM920BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM180BTE5	ARUM200BTE5
Sound Power Level	Cooling	dB(A)	93.4	93.6
	Heating	dB(A)	95.3	95.4
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication	Cable (VCTF-SB)	No. xmm ²	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	17.0 + 17.0 + 17.0 + 16.0	17.0 + 17.0 + 17.0 + 16.0
		lbs	37.5 + 37.5 + 37.5 + 35.3	37.5 + 37.5 + 37.5 + 35.3
	t-CO ₂ eq		139.9	139.9
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			64	64

Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

HP			94	96
Model Name	Combination Unit		ARUM940BTE5	ARUM960BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM220BTE5	ARUM240BTE5
Capacity	Cooling (Rated)	kW	263.2	268.8
		Btu/h	898,000	917,100
	Heating (Rated)	kW	263.2	268.8
		Btu/h	898,000	917,100
	Heating (Max.)	kW	292.1	297.0
		Btu/h	996,500	1,013,400
Input	Cooling (Rated)	kW	63.81	66.20
	Heating (Rated)	kW	62.29	65.08
	Heating (Max.)	kW	72.21	74.64
EER			4.12	4.06
COP (Rated)			4.23	4.13
COP (Max.)			4.04	3.98
Power Factor	Rated	-	0.93	0.93
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL (Classic)		RAL 7038 / RAL 7037	RAL 7038 / RAL 7037
Heat Exchanger			Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	(62.1 × 7) + (43.8 × 1)	62.1 × 8
	Number of Revolution	rev/min	3,600 × 8	3,600 × 8
	Motor Output x Number	W x No.	(5,300 × 7) + (4,200 × 1)	5,300 × 8
	Starting Method		Inverter	Inverter
Oil Type		FW68D(PVE)	FW68D(PVE)	
Fan	Type		Propeller fan	Propeller fan
	Motor Output x Number	W	900 × 8	900 × 8
	Air Flow Rate(High)	m ³ /min	320 × 4	320 × 4
		ft ³ /min	11,301 × 4	11,301 × 4
	External Static Pressure (Max, Pa)		80	80
	Drive		DC INVERTER	DC INVERTER
Discharge	Side / Top	TOP	TOP	
Pipe Connections #1	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Low Pressure Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
	High Pressure Gas	mm(inch)	41.3(1-5/8)	41.3(1-5/8)
Pipe Connections #2	Liquid	mm(inch)	22.2(7/8)	22.2(7/8)
	Gas	mm(inch)	53.98(2-1/8)	53.98(2-1/8)
Dimensions(W x H x D)		mm	(1,240 × 1,690 × 760) × 4	(1,240 × 1,690 × 760) × 4
		inch	(48-13/16 × 66-17/32 × 29-29/32) × 4	(48-13/16 × 66-17/32 × 29-29/32) × 4
Net Weight		kg	(310 × 3) + (300 × 1)	310 × 4
		lbs	(683 × 3) + (661 × 1)	683 × 4
Sound Pressure Level	Cooling	dB(A)	70.9	71.0
	Heating	dB(A)	72.7	73.0

Note

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- Power factor could vary less than ±1% according to the operating conditions.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

1. Specifications

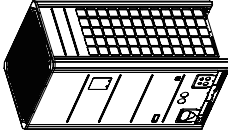
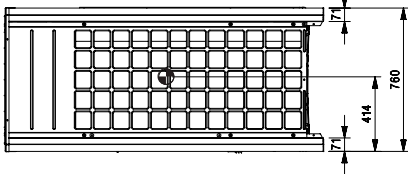
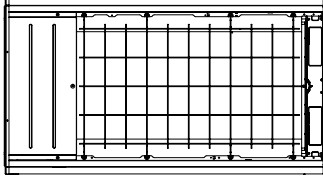
HP			94	96
Model Name	Combination Unit		ARUM940BTE5	ARUM960BTE5
	Independent Unit		ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM240BTE5	ARUM240BTE5
			ARUM220BTE5	ARUM240BTE5
Sound Power Level	Cooling	dB(A)	93.6	94.0
	Heating	dB(A)	95.6	96.0
Protection Devices	High pressure protection		High pressure sensor / High pressure switch	
	Compressor/Fan		Over-heat protection / Fan driver overload protector	
	Inverter		Over-heat protection / Over-current protection	
Communication	Cable (VCTF-SB)	No. xmm ²	2C × 1.0 ~ 1.5	2C × 1.0 ~ 1.5
Refrigerant	Refrigerant name		R410A	R410A
	Precharged Amount	kg	17.0 + 17.0 + 17.0 + 16.0	17.0 + 17.0 + 17.0 + 17.0
		lbs	37.5 + 37.5 + 37.5 + 35.3	37.5 + 37.5 + 37.5 + 37.5
	t-CO ₂ eq		139.9	142.0
Control		Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	V, Ø, Hz		220-240, 3, 50	220-240, 3, 50
			220, 3, 60	220, 3, 60
Number of maximum connectable indoor units			64	64

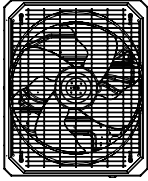
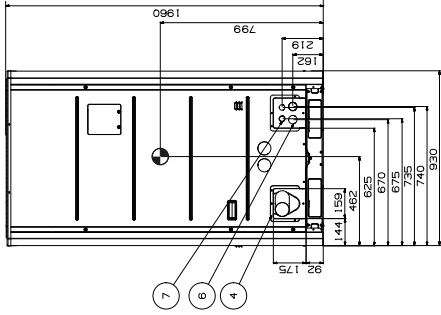
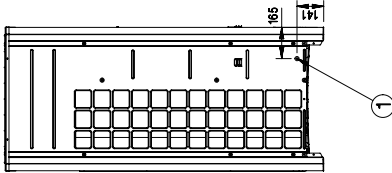
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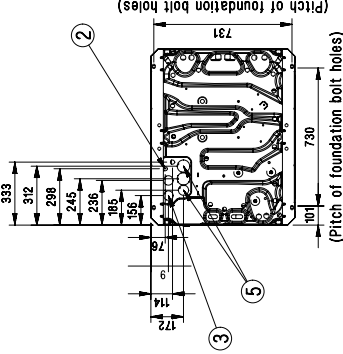
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- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured on the rated condition in the reverberation rooms by ISO 9614 standard.
Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.
- The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination. The recommended ratio is 130%.
- This product contains Fluorinated greenhouse gases.(R410A, GWP(Global warming potential) = 2,087.5)
- #1 : Heat Recovery system, #2 : Heat Pump system

2. Dimensions

ARUM080BTE5 / ARUM100BTE5 / ARUM120BTE5



[Unit: mm]

Gravity point

[mm(inch)]

System	Heat Recovery		Heat Pump	
	Low Pressure Gas pipe	High Pressure Gas pipe	Liquid pipe	Gas pipe
HP				
8	Ø 9.52 (3/8)	Ø 15.88 (5/8)	Ø 9.52 (3/8)	Ø 19.05 (3/4)
10	Ø 9.52 (3/8)	Ø 19.05 (3/4)	Ø 9.52 (3/8)	Ø 22.2 (7/8)
12	Ø 12.7 (1/2)	Ø 28.88 (1-1/8)	Ø 12.7 (1/2)	Ø 28.58 (1-1/8)

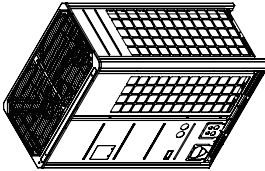
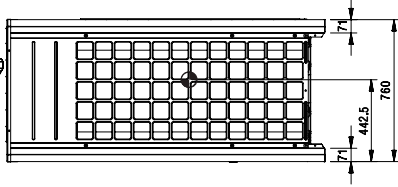
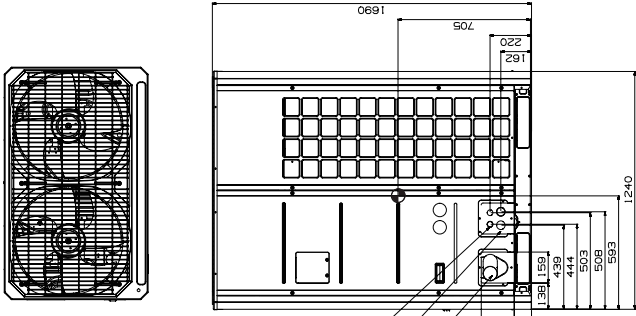
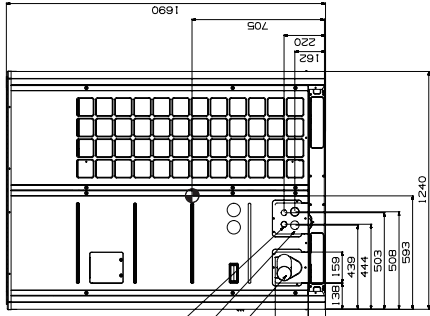
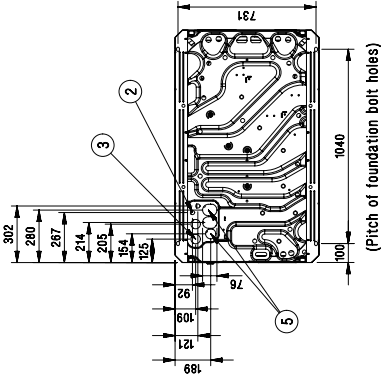
7	Wire routing hole(front)	2- Ø 30
6	Power cord routing hole(front)	2- Ø 45
5	Pipe routing hole(bottom)	2- Ø 66, Ø 53.88
4	Pipe routing hole(front)	-
3	Power cord routing hole(bottom)	2- Ø 50
2	Wire routing hole(bottom)	2- Ø 22.2
1	Leakage test hole(side)	Ø 22.2
No.	Part Name	Description

Note

- Unit should be installed in compliance with the installation manual in the product box.
- Unit should be grounded in accordance with the local regulations or applicable national codes.
- All electrical components and materials to be supplied from the site must comply with the local regulations or international codes.
- Electrical characteristics chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.

2. Dimensions

ARUM140BTE5 / ARUM160BTE5 / ARUM180BTE5 / ARUM200BTE5 ARUM220BTE5 / ARUM240BTE5 / ARUM260BTE5

System	Heat Recovery		Heat Pump	
	Liquid pipe	High Pressure Gas pipe	Liquid pipe	Gas pipe
HP				
14-16	Ø 12.7 (1/2)	Ø 28.58 (1-1/8)	Ø 12.7 (1/2)	Ø 28.58 (1-1/8)
18-20	Ø 15.88 (5/8)	Ø 28.58 (1-1/8)	Ø 15.88 (5/8)	Ø 28.58 (1-1/8)
22	Ø 15.88 (5/8)	Ø 28.58 (1-1/8)	Ø 15.88 (5/8)	Ø 28.58 (1-1/8)
24	Ø 15.88 (5/8)	Ø 34.9 (1-3/8)	Ø 15.88 (5/8)	Ø 34.9 (1-3/8)
26-34	Ø 19.05 (3/4)	Ø 34.9 (1-3/8)	Ø 19.05 (3/4)	Ø 34.9 (1-3/8)
36	Ø 19.05 (3/4)	Ø 41.3 (1-5/8)	Ø 19.05 (3/4)	Ø 41.3 (1-5/8)
38-40	Ø 19.05 (3/4)	Ø 41.3 (1-5/8)	Ø 19.05 (3/4)	Ø 41.3 (1-5/8)
42-60	Ø 19.05 (3/4)	Ø 41.3 (1-5/8)	Ø 19.05 (3/4)	Ø 41.3 (1-5/8)
62-64	Ø 22.2 (7/8)	Ø 41.3 (1-5/8)	Ø 22.2 (7/8)	Ø 41.3 (1-5/8)
66-96	Ø 22.2 (7/8)	Ø 53.98 (2-1/8)	Ø 22.2 (7/8)	Ø 53.98 (2-1/8)

Note

- Unit should be installed in compliance with the installation manual in the product box.
- Unit should be grounded in accordance with the local regulations or applicable national codes.
- All electrical components and materials to be supplied from the site must comply with the local regulations or international codes.
- Electrical characteristics chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.

No.	Part Name	Description
7	Wire routing hole(front)	2- Ø 30
6	Power cord routing hole(front)	2- Ø 45
5	Pipe routing hole(bottom)	2- Ø 66, Ø 53.88
4	Pipe routing hole(front)	-
3	Power cord routing hole(bottom)	2- Ø 50
2	Wire routing hole(bottom)	2- Ø 22.2
1	Leakage test hole(side)	Ø 22.2

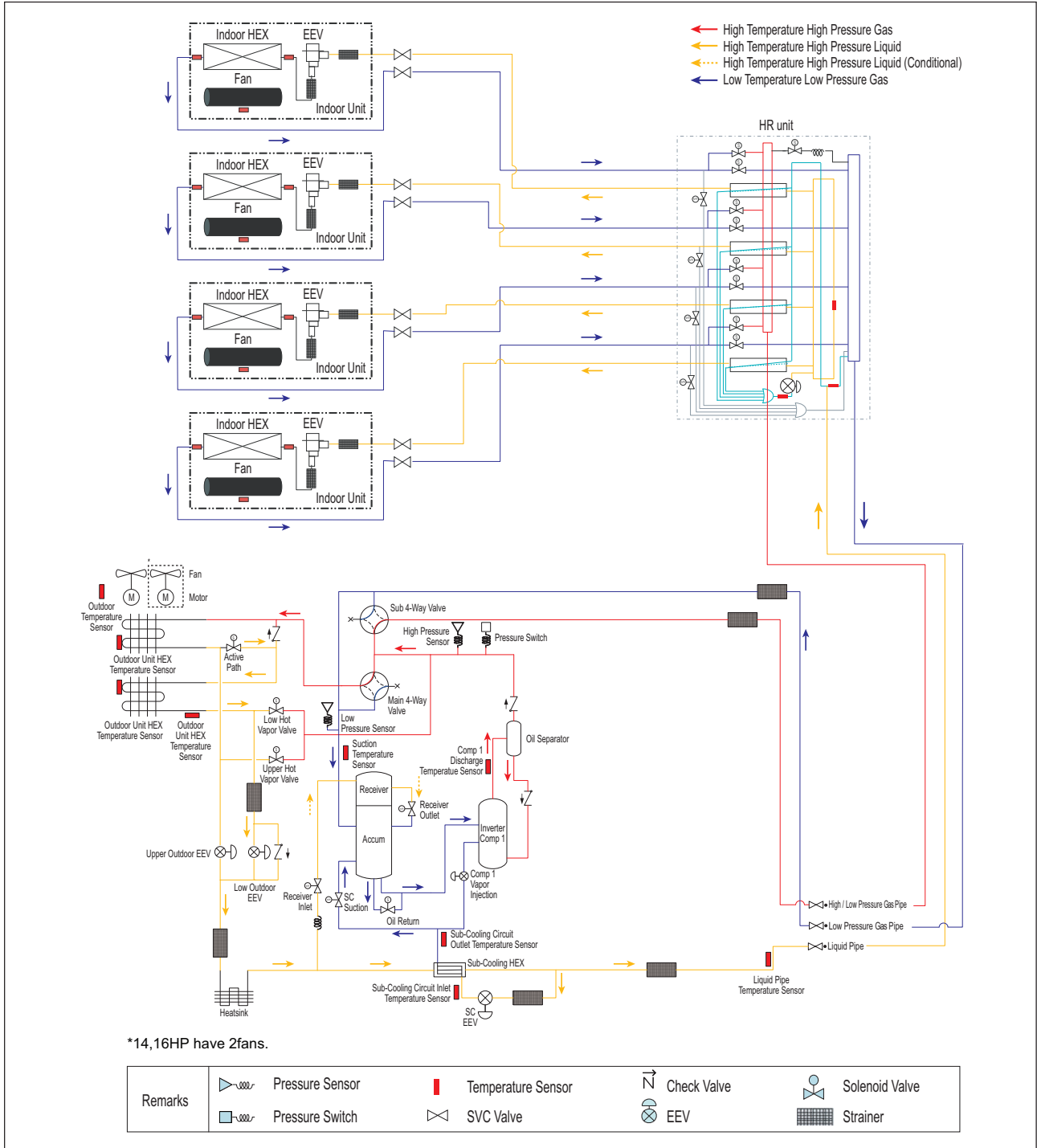
[Unit: mm]
Chassis code : UXB
● Gravity point

3. Piping Diagrams

3.1 8 / 10 / 12 / 14 / 16 HP (1 Comp)

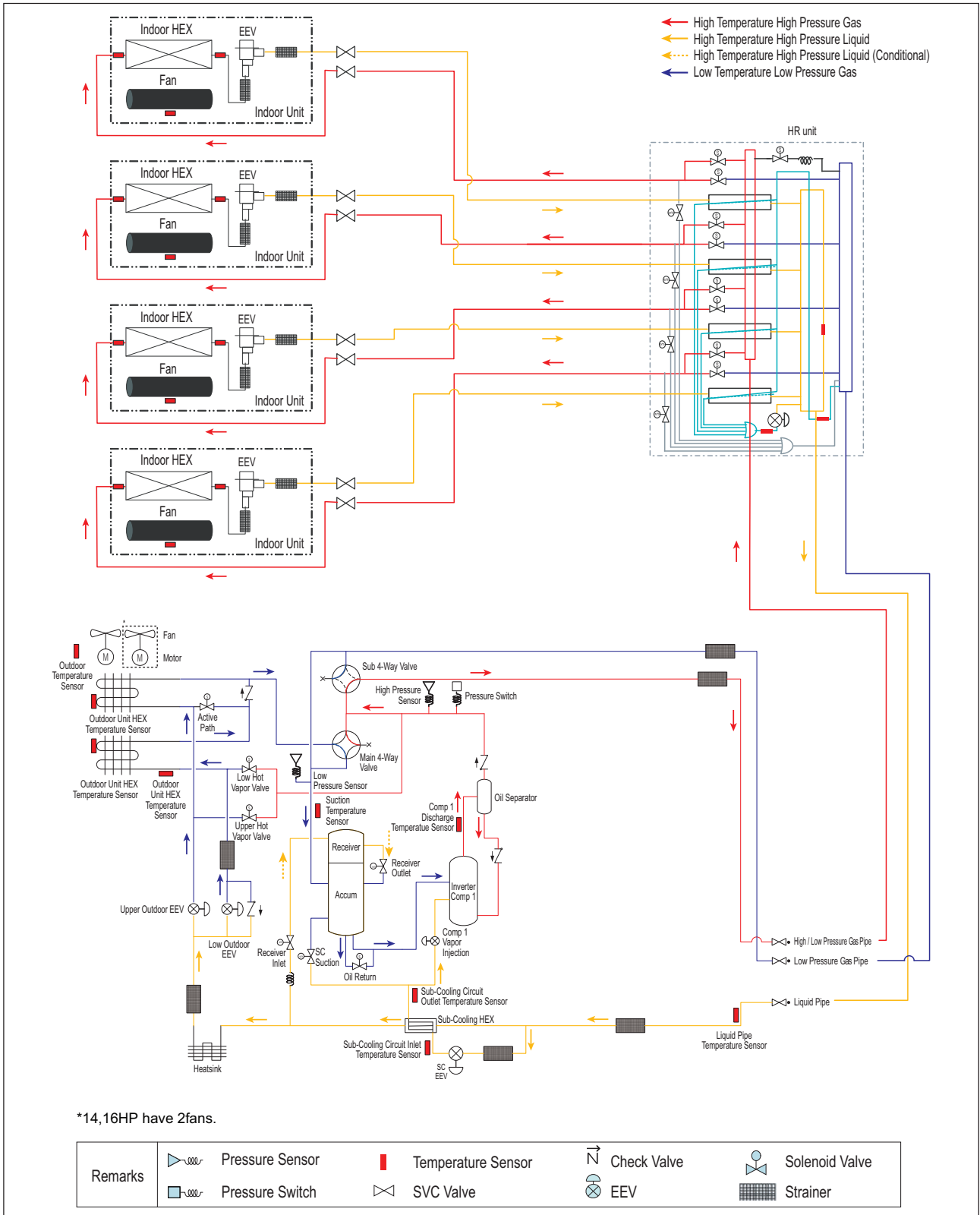
3.1.1 Heat Recovery System

■ Cooling Operation



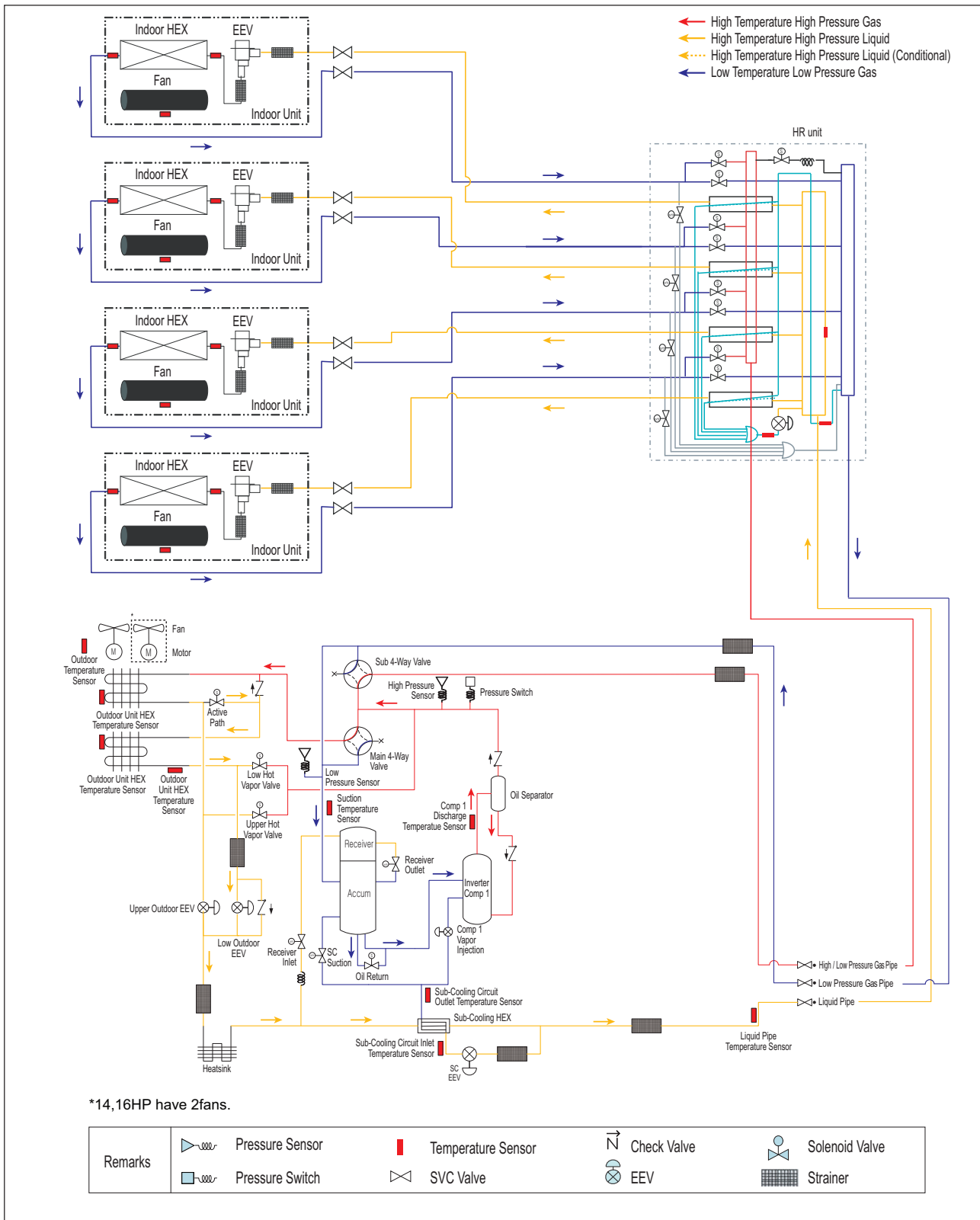
3. Piping Diagrams

■ Heating Operation



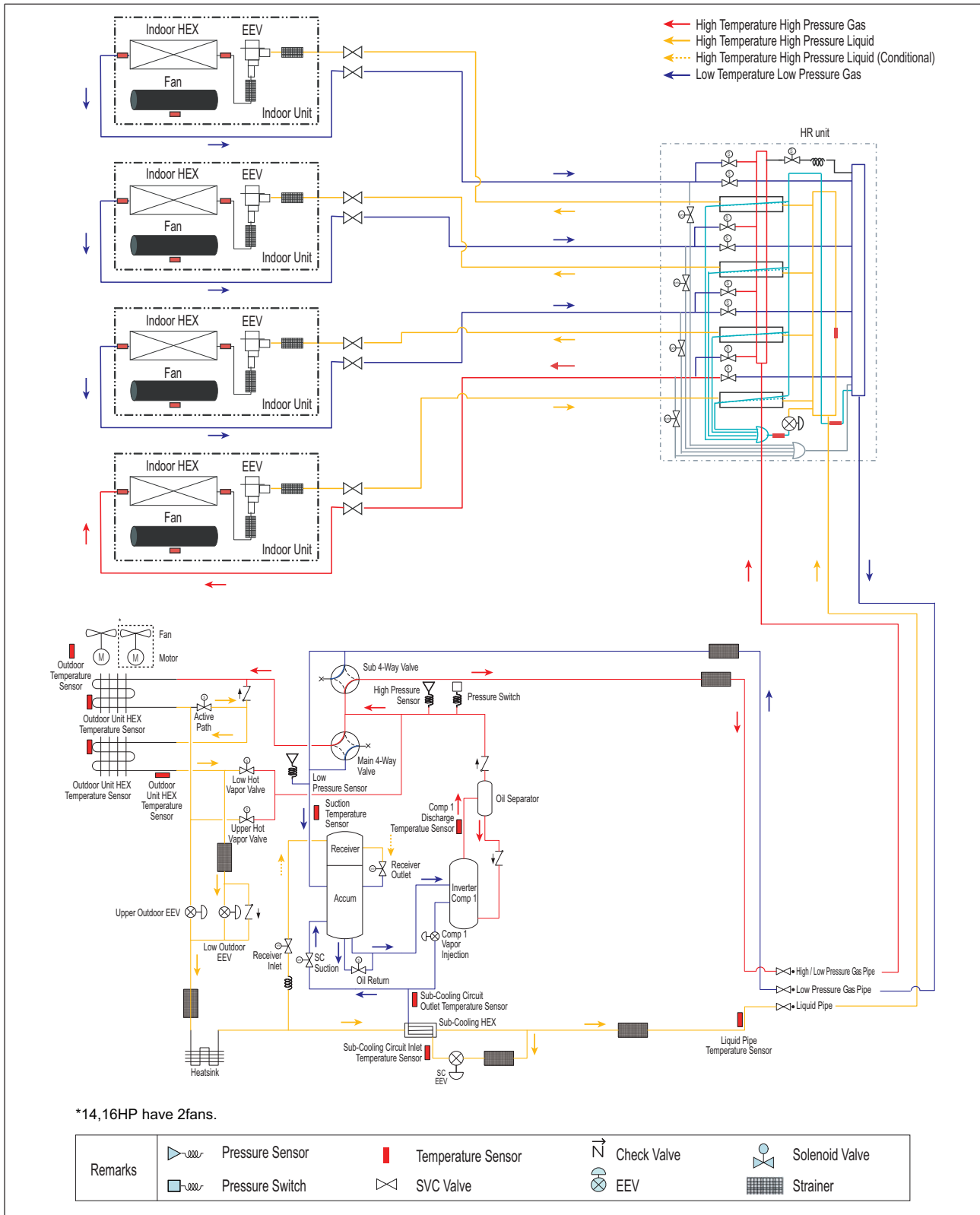
3. Piping Diagrams

Oil Return/ Defrost Operation



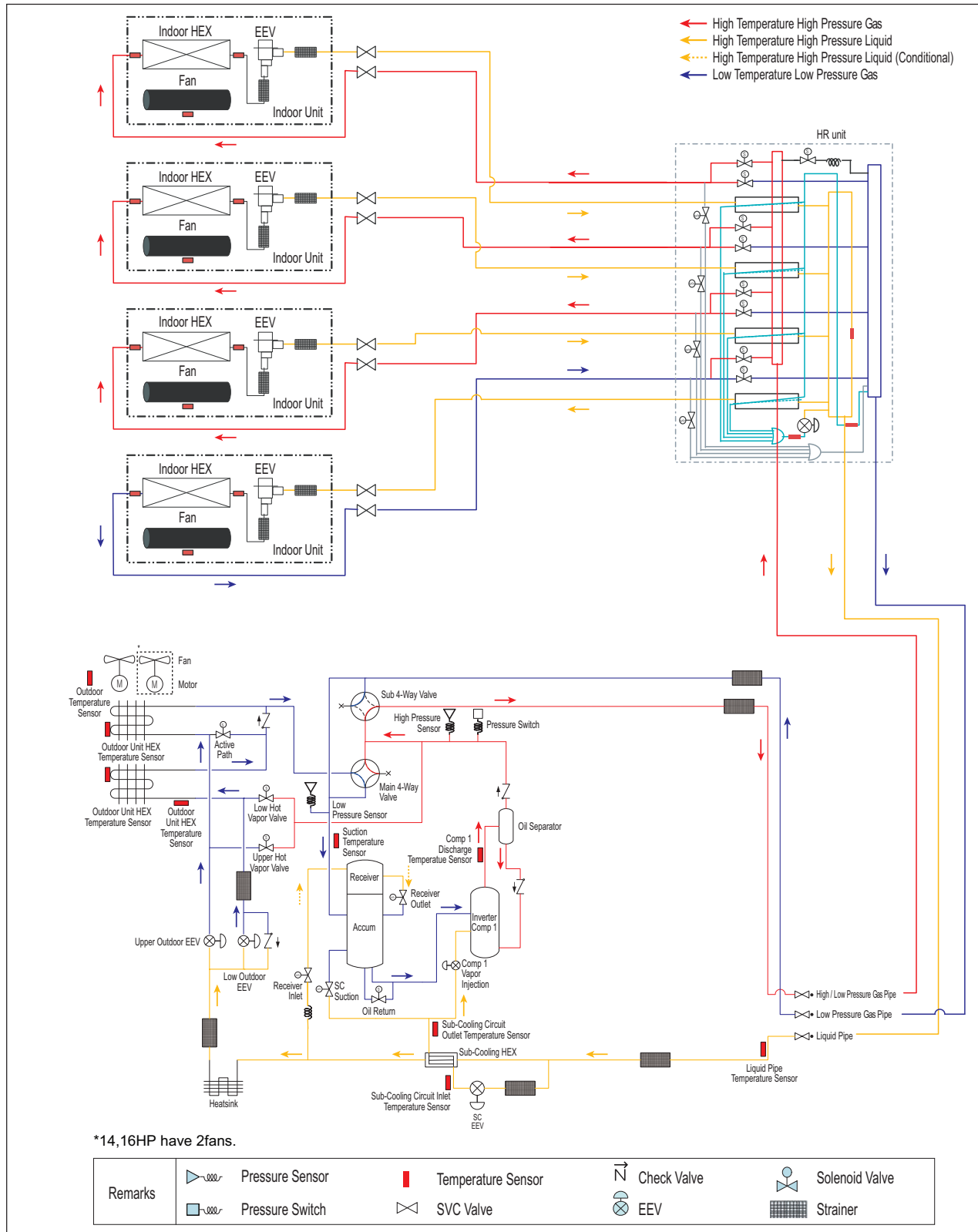
3. Piping Diagrams

■ Cooling-based Simultaneous Operation



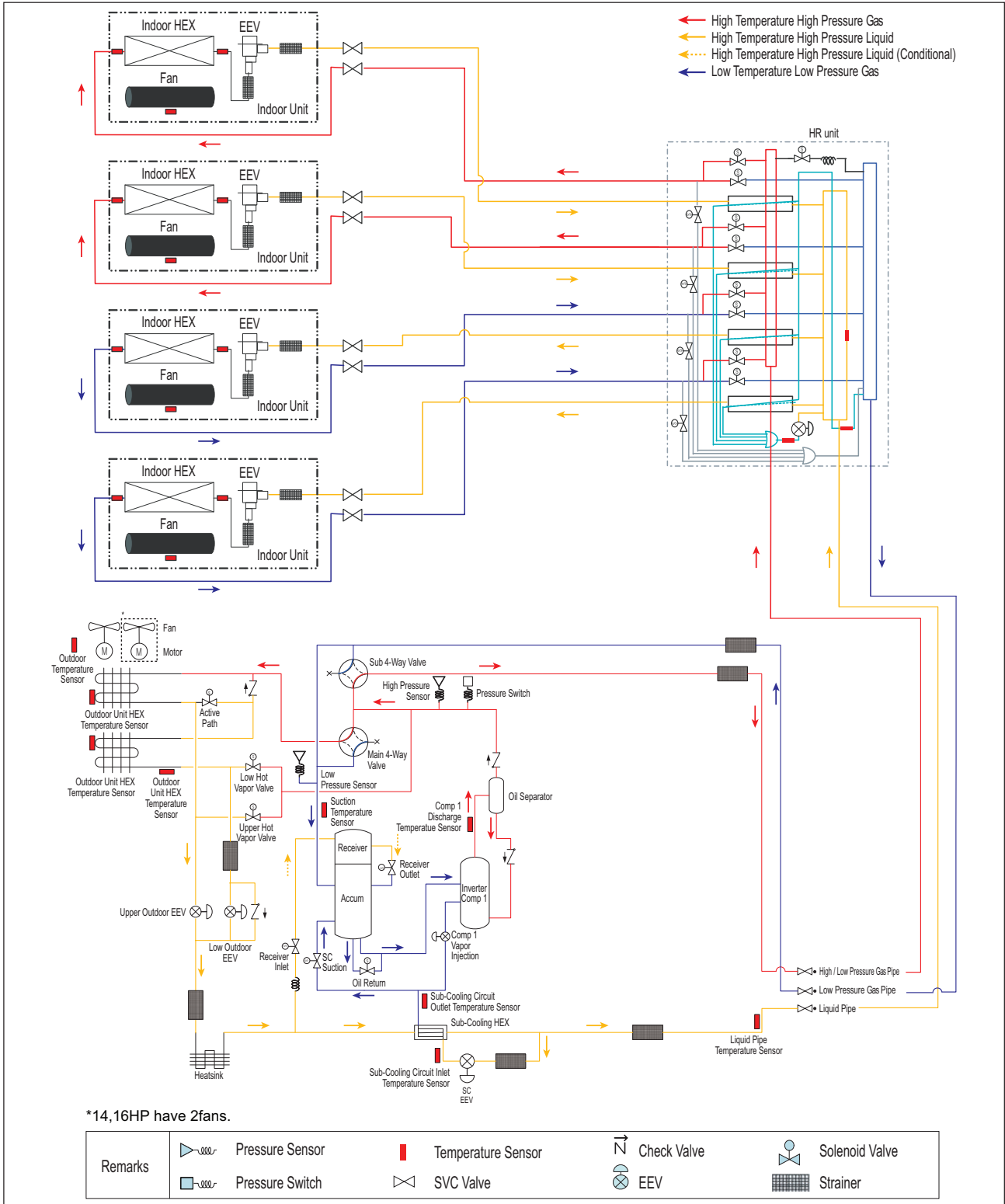
3. Piping Diagrams

■ Heating-based Simultaneous Operation



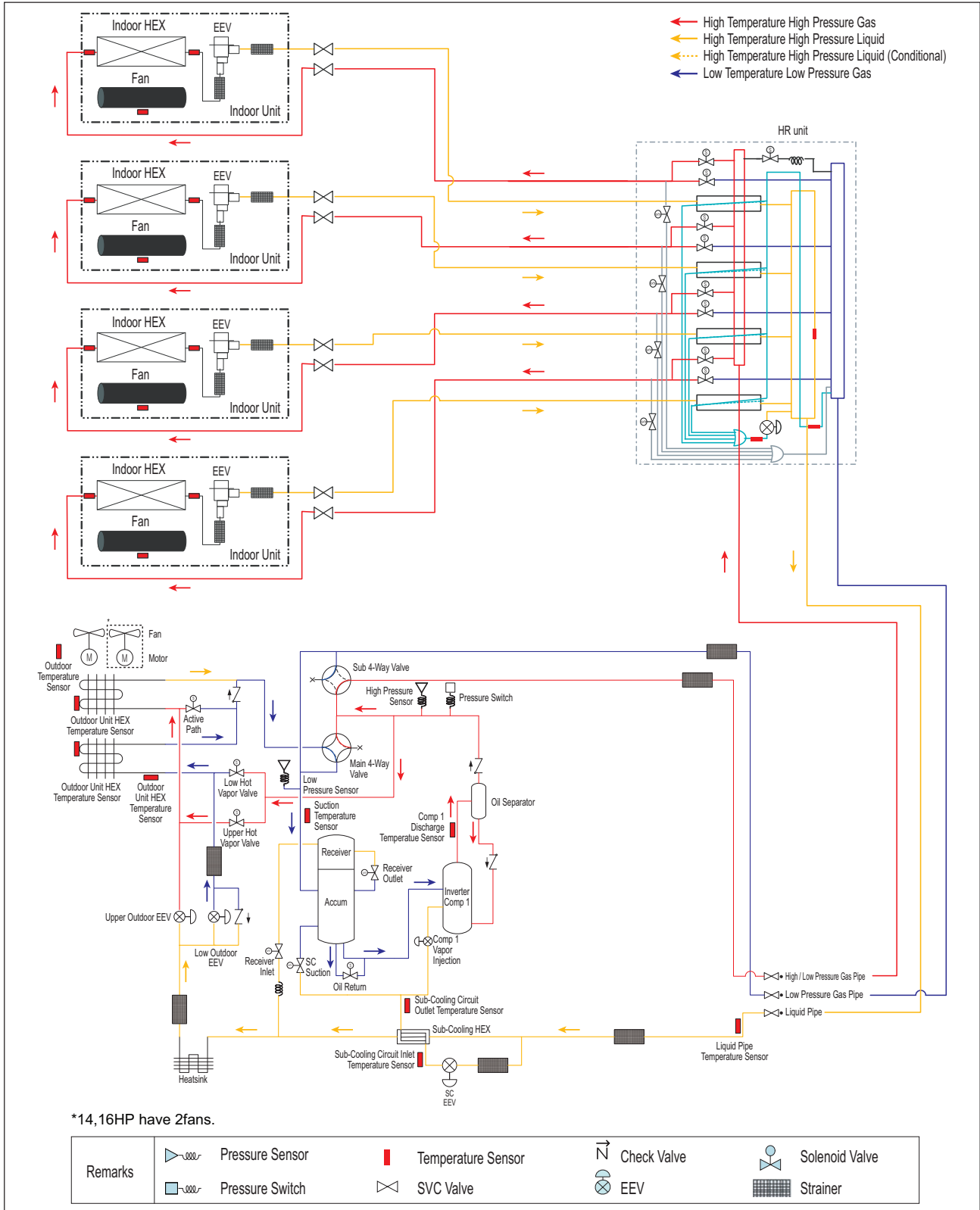
3. Piping Diagrams

Balanced Simultaneous Operation



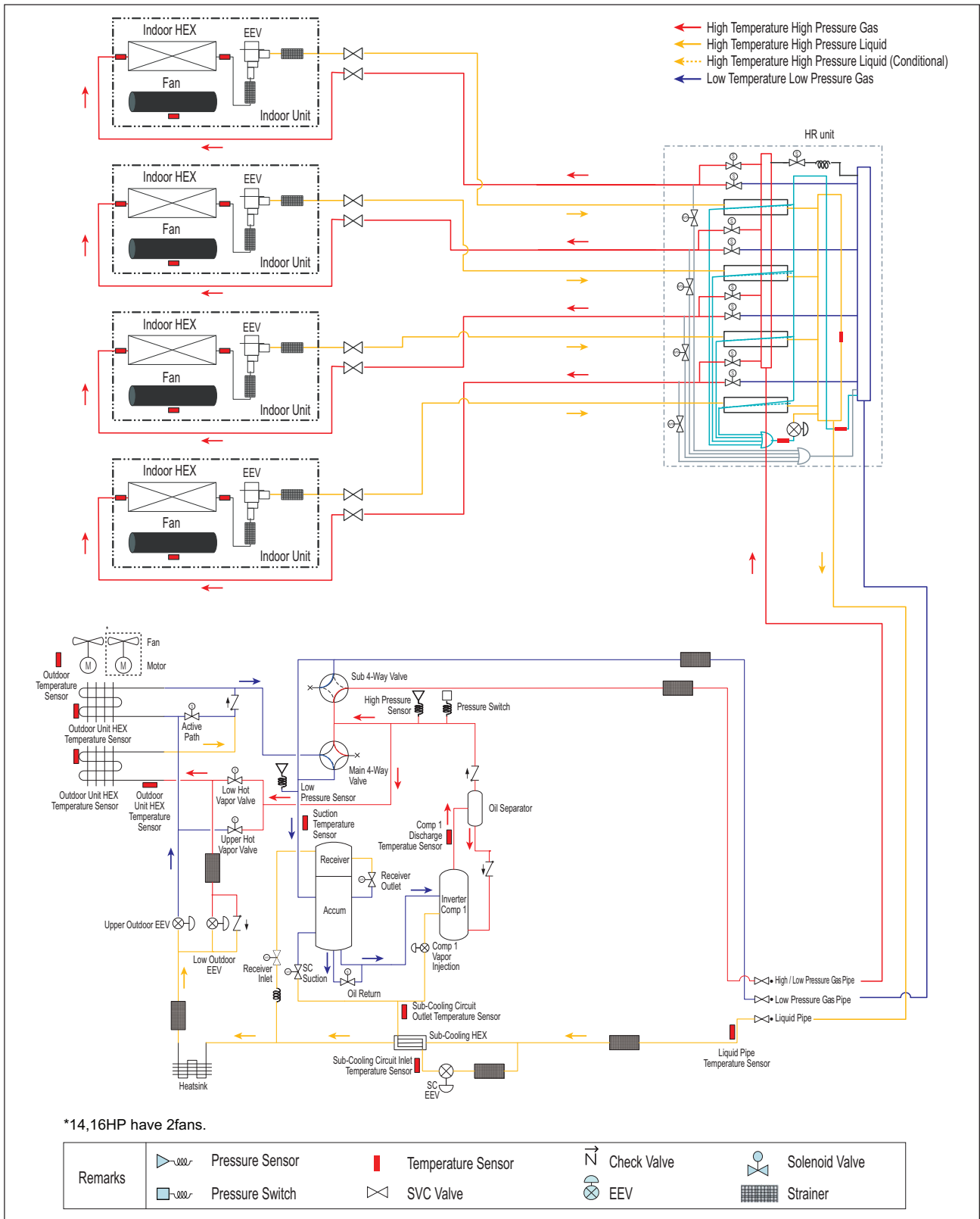
3. Piping Diagrams

■ Upper HEX Defrost Operation



3. Piping Diagrams

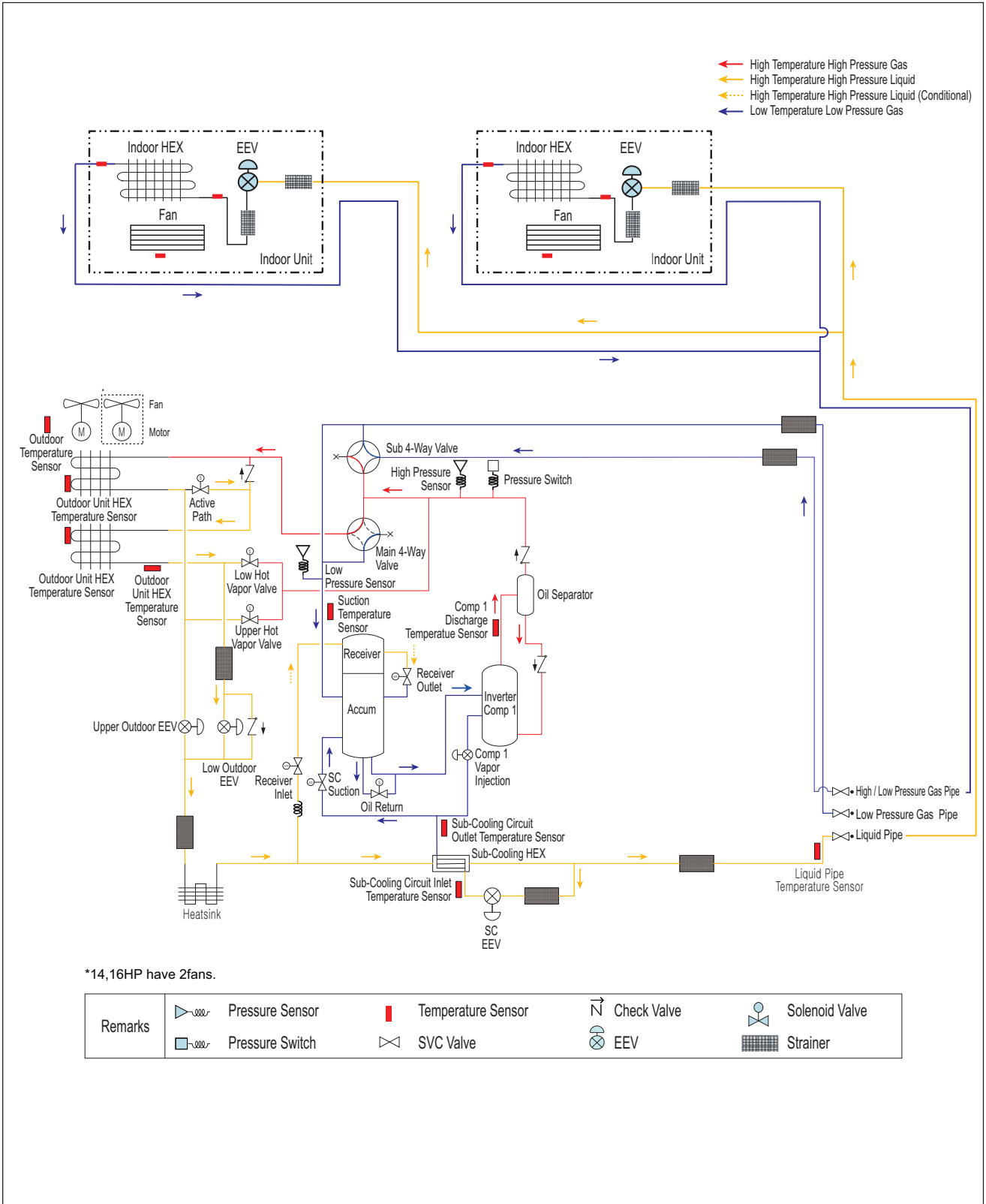
Low HEX Defrost Operation



3. Piping Diagrams

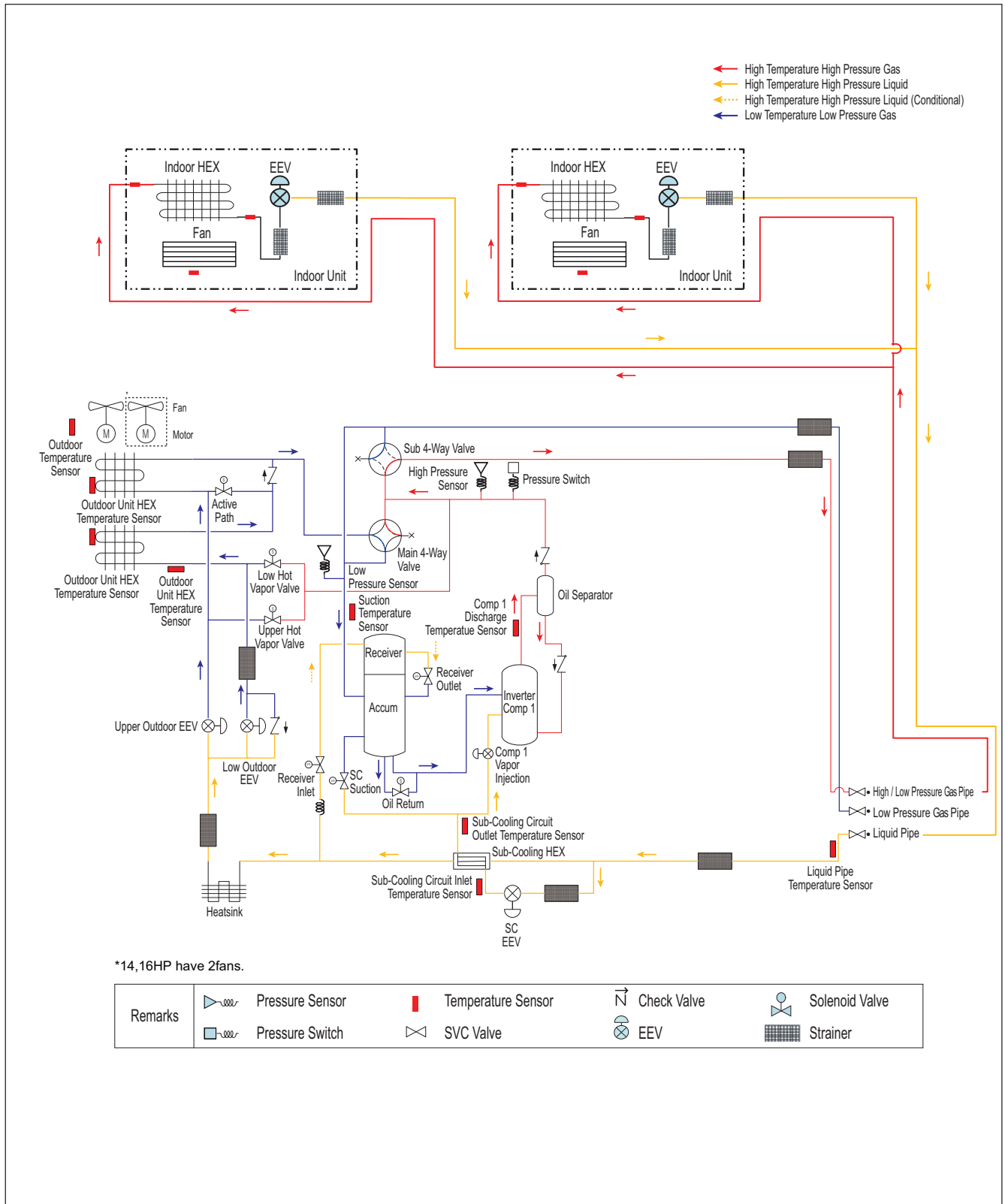
3.1.2 Heat Pump System

■ Cooling Operation



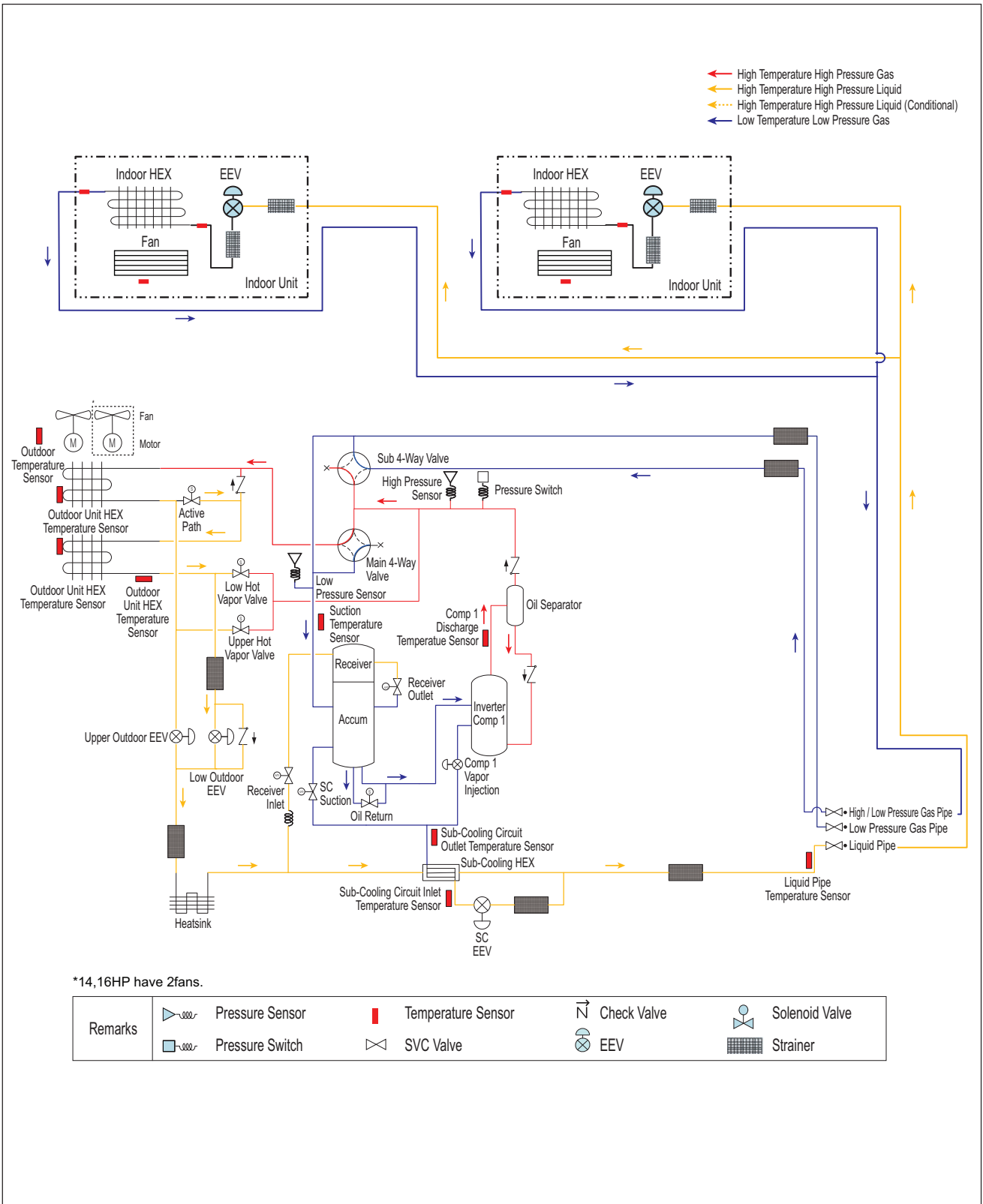
3. Piping Diagrams

■ Heating Operation



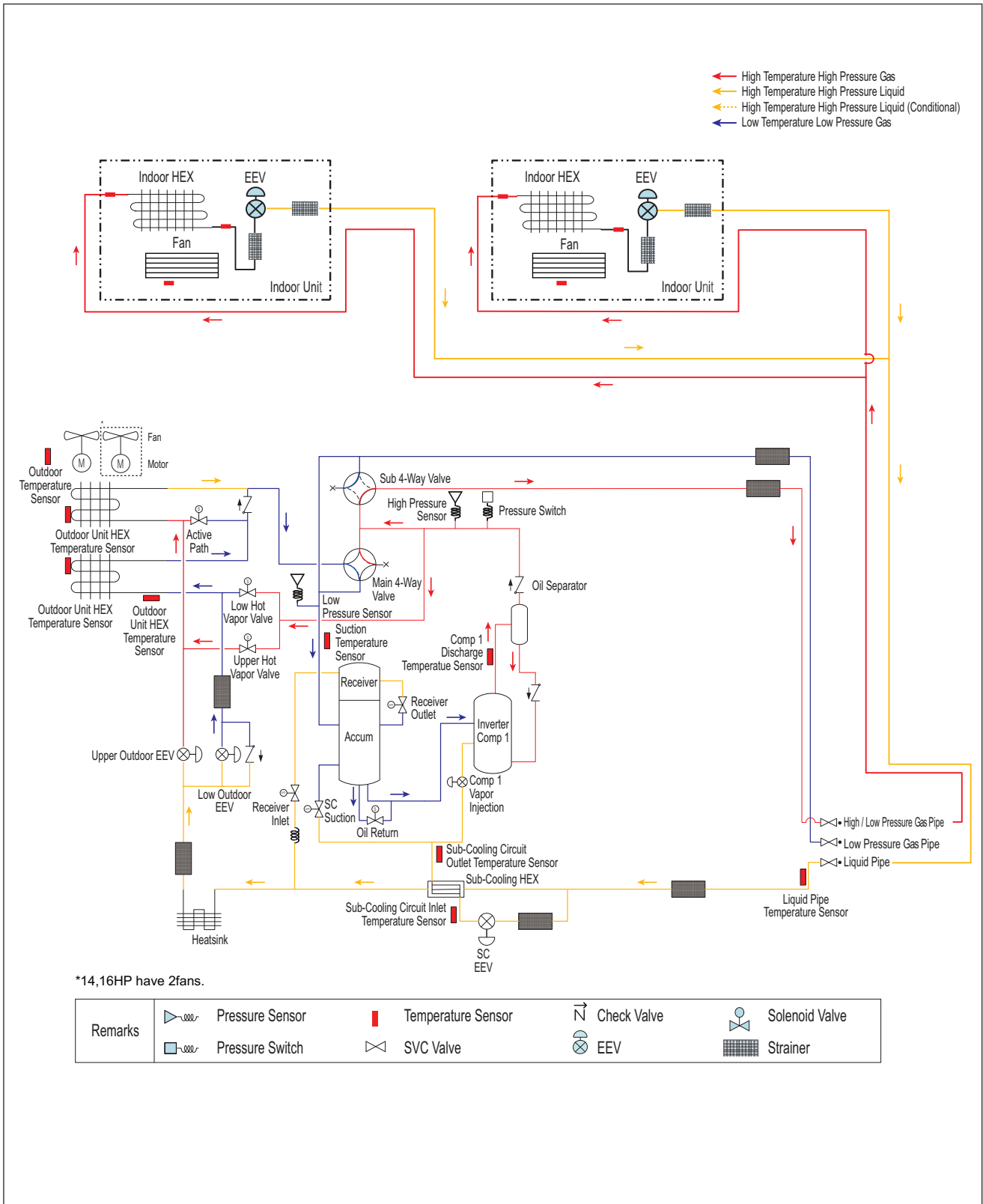
3. Piping Diagrams

Oil Return/ Defrost Operation



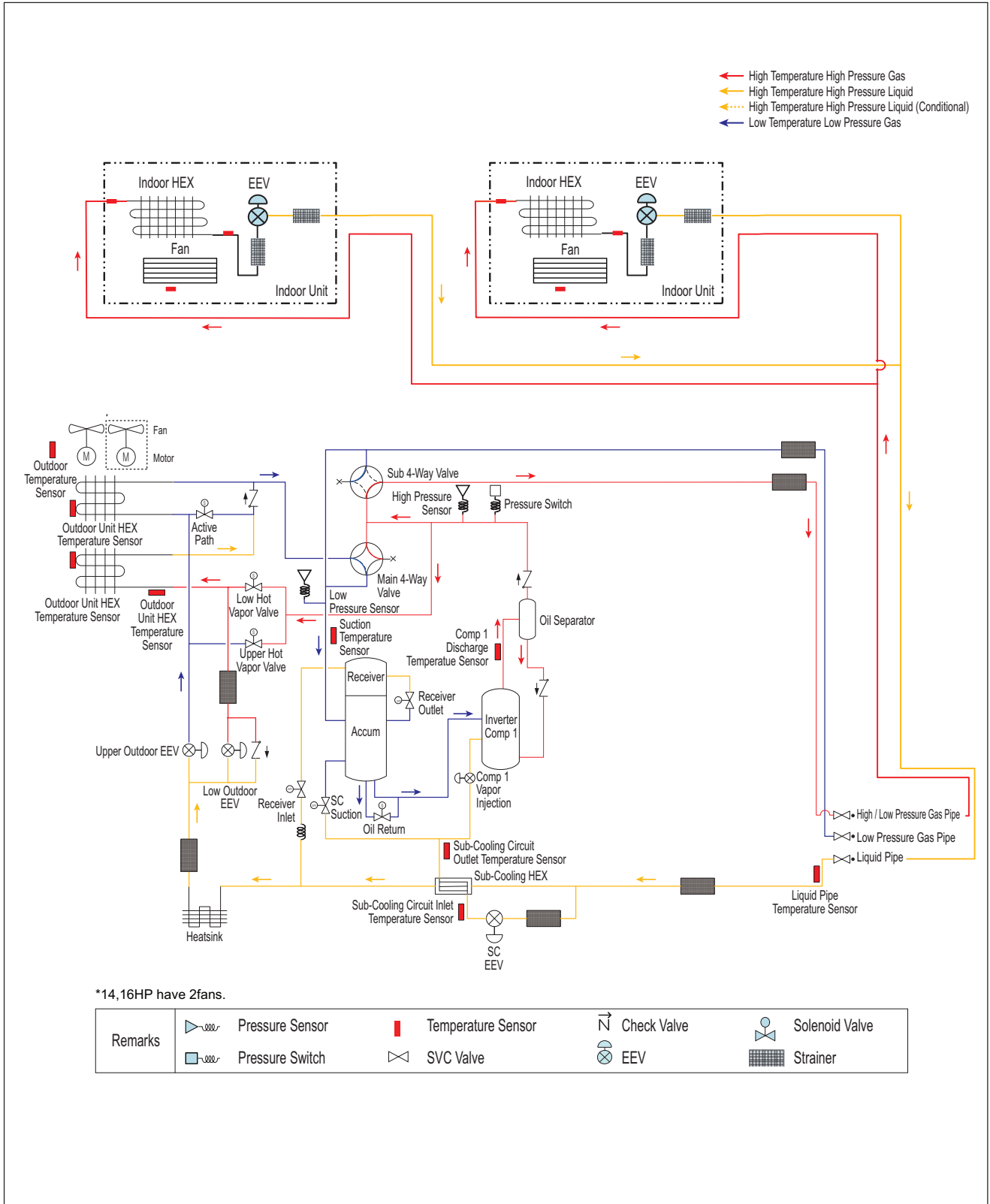
3. Piping Diagrams

Upper HEX Defrost Operation



3. Piping Diagrams

Low HEX Defrost Operation

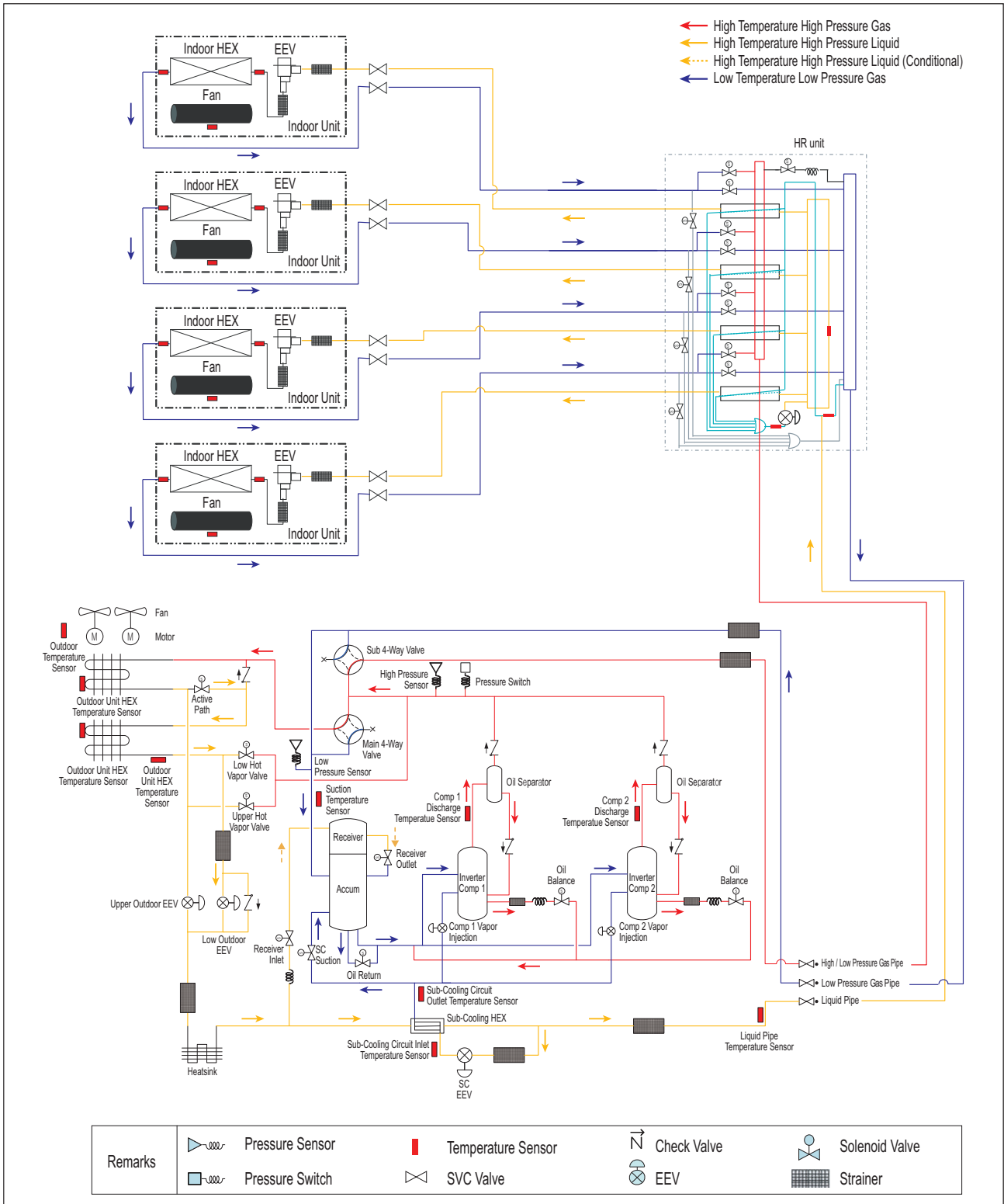


3. Piping Diagrams

3.2 18 / 20 / 22 / 24 / 26HP (2 Comp)

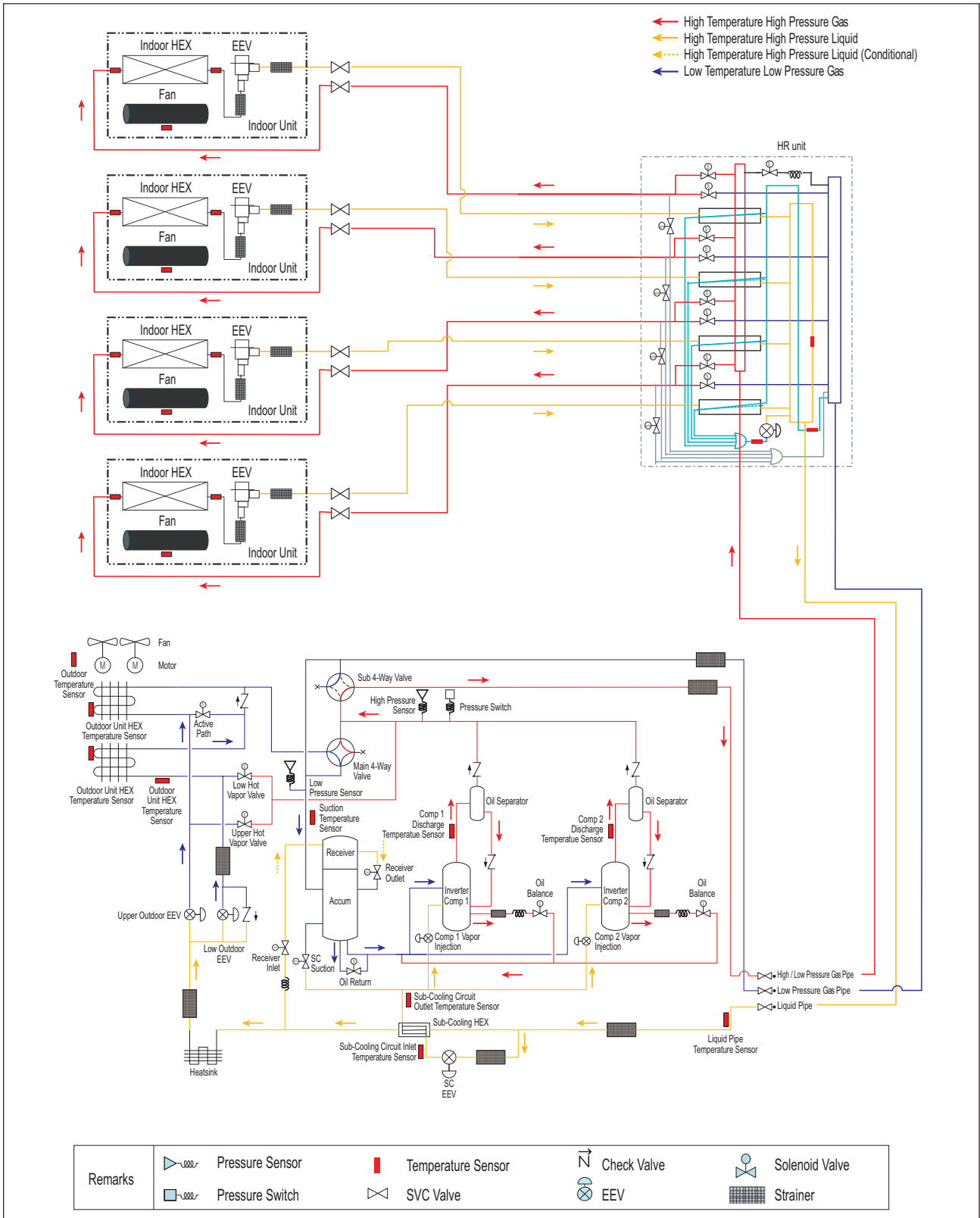
3.2.1 Heat Recovery System

■ Cooling Operation



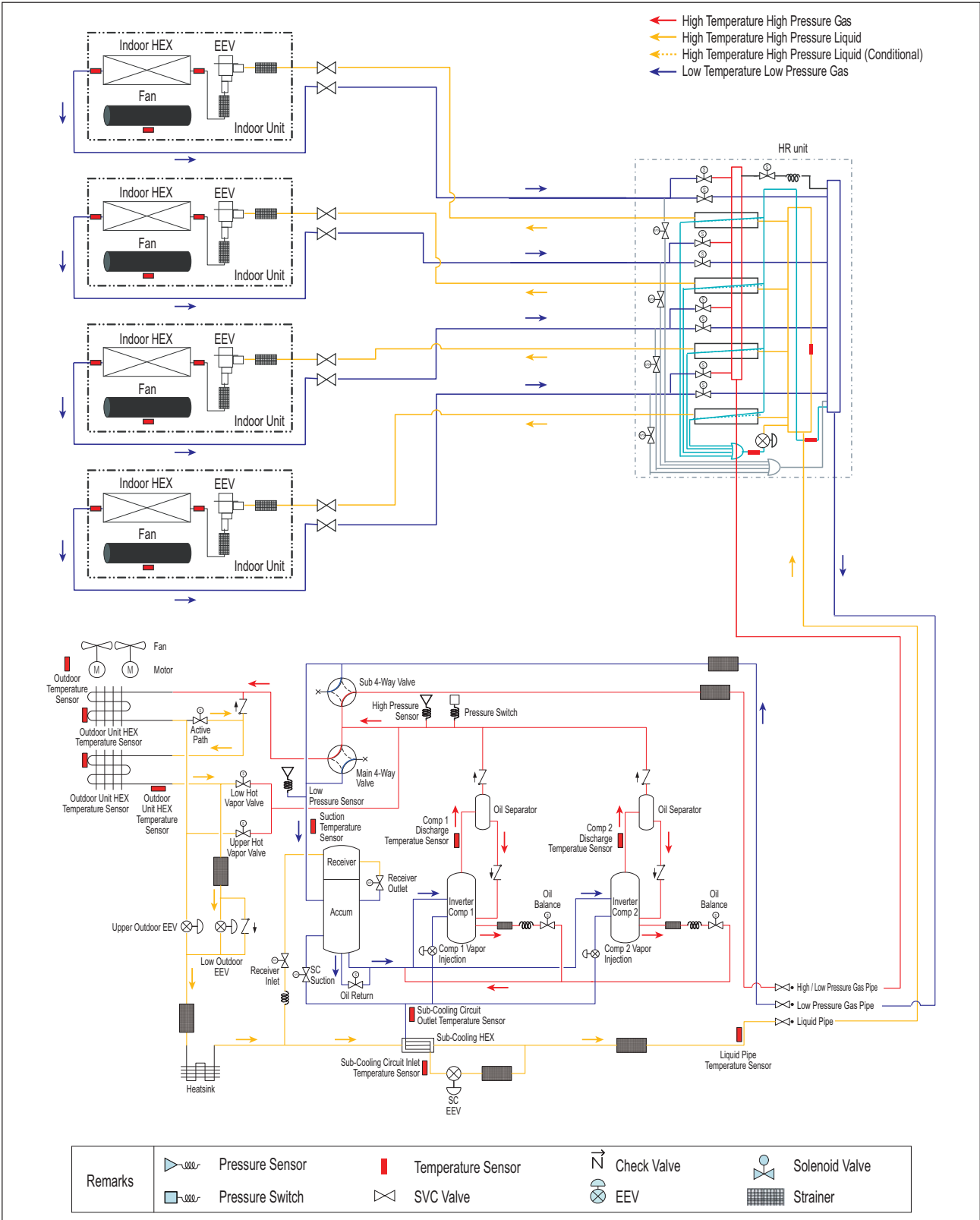
3. Piping Diagrams

■ Heating Operation



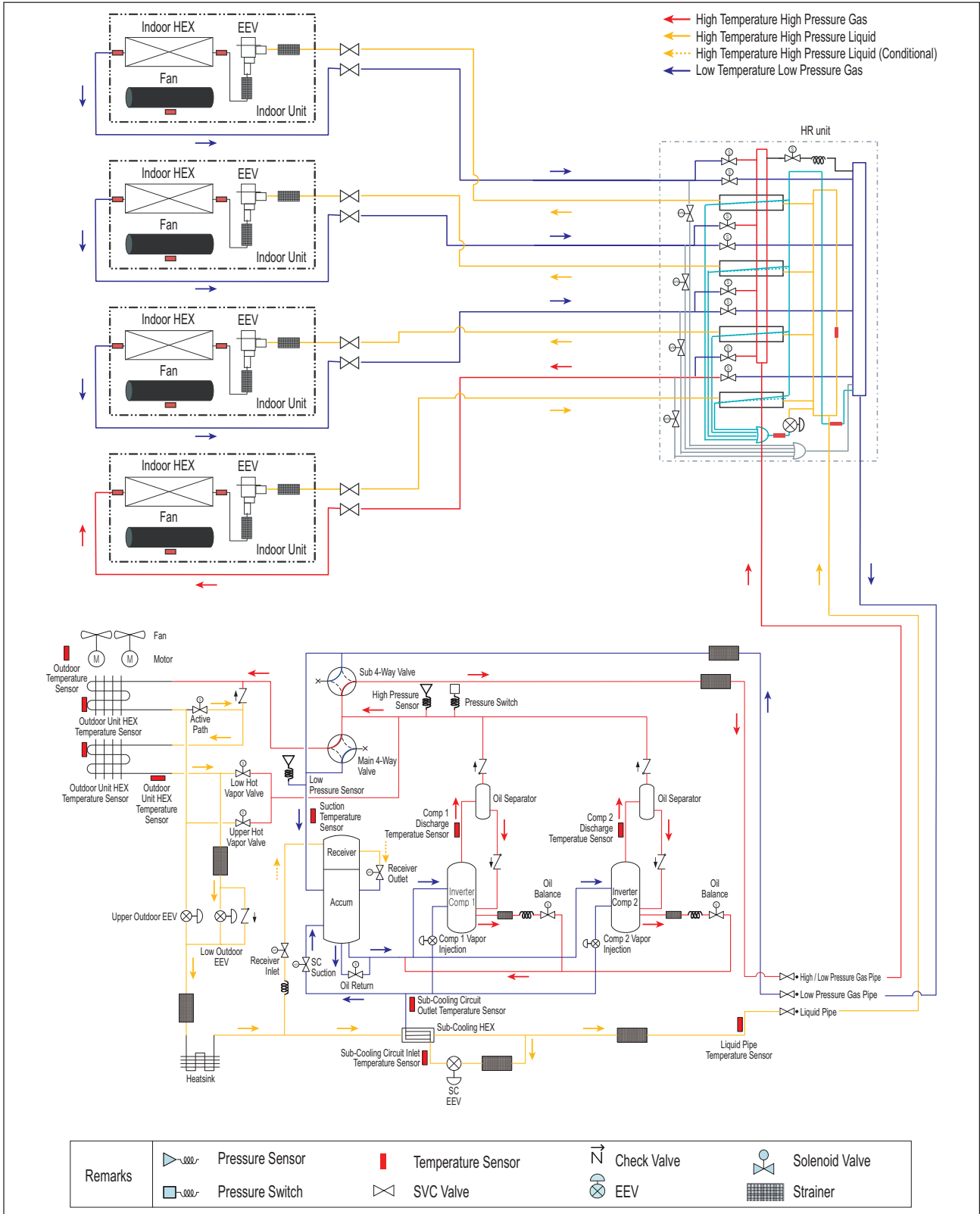
3. Piping Diagrams

Oil Return/ Defrost Operation



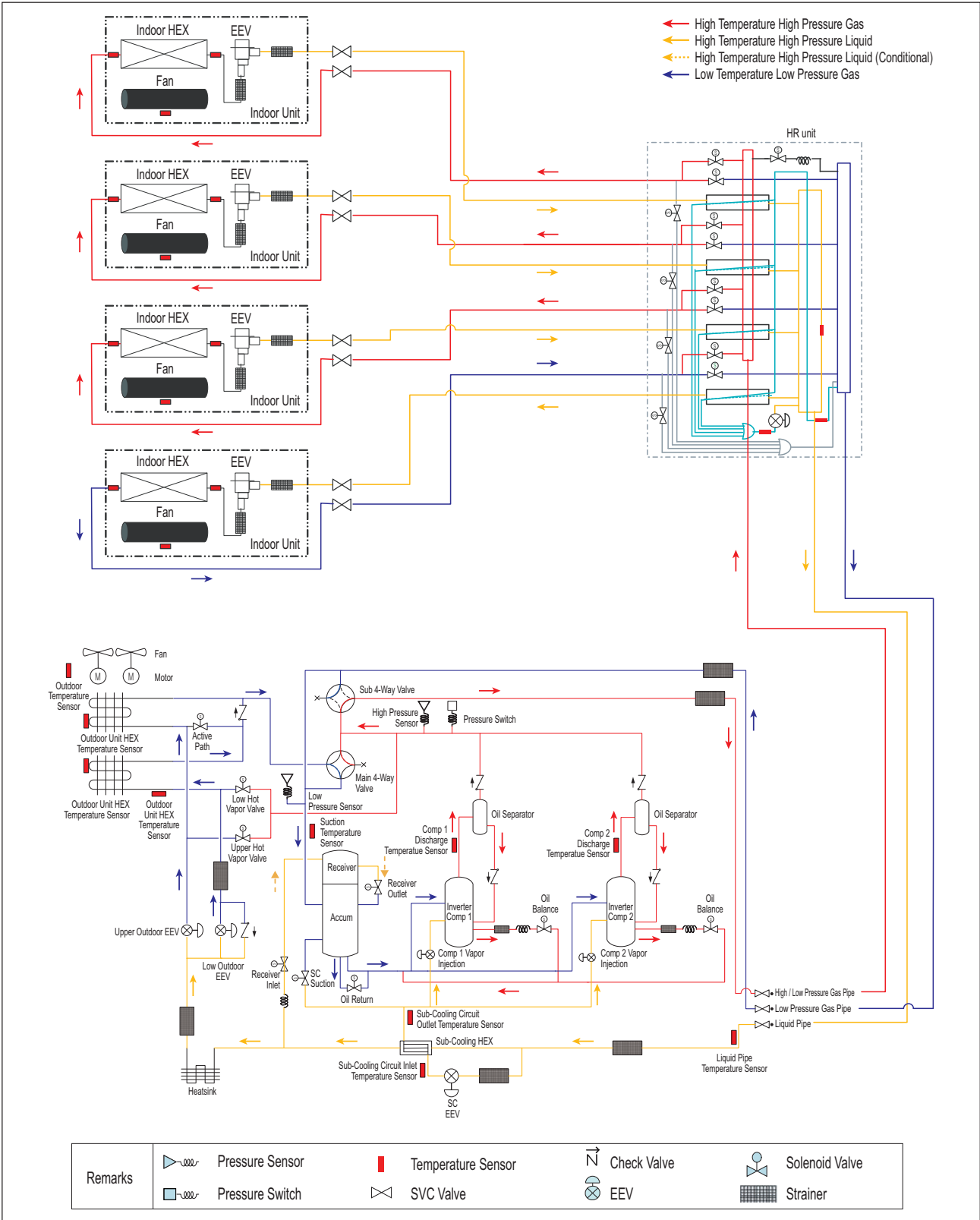
3. Piping Diagrams

■ Cooling-based Simultaneous Operation



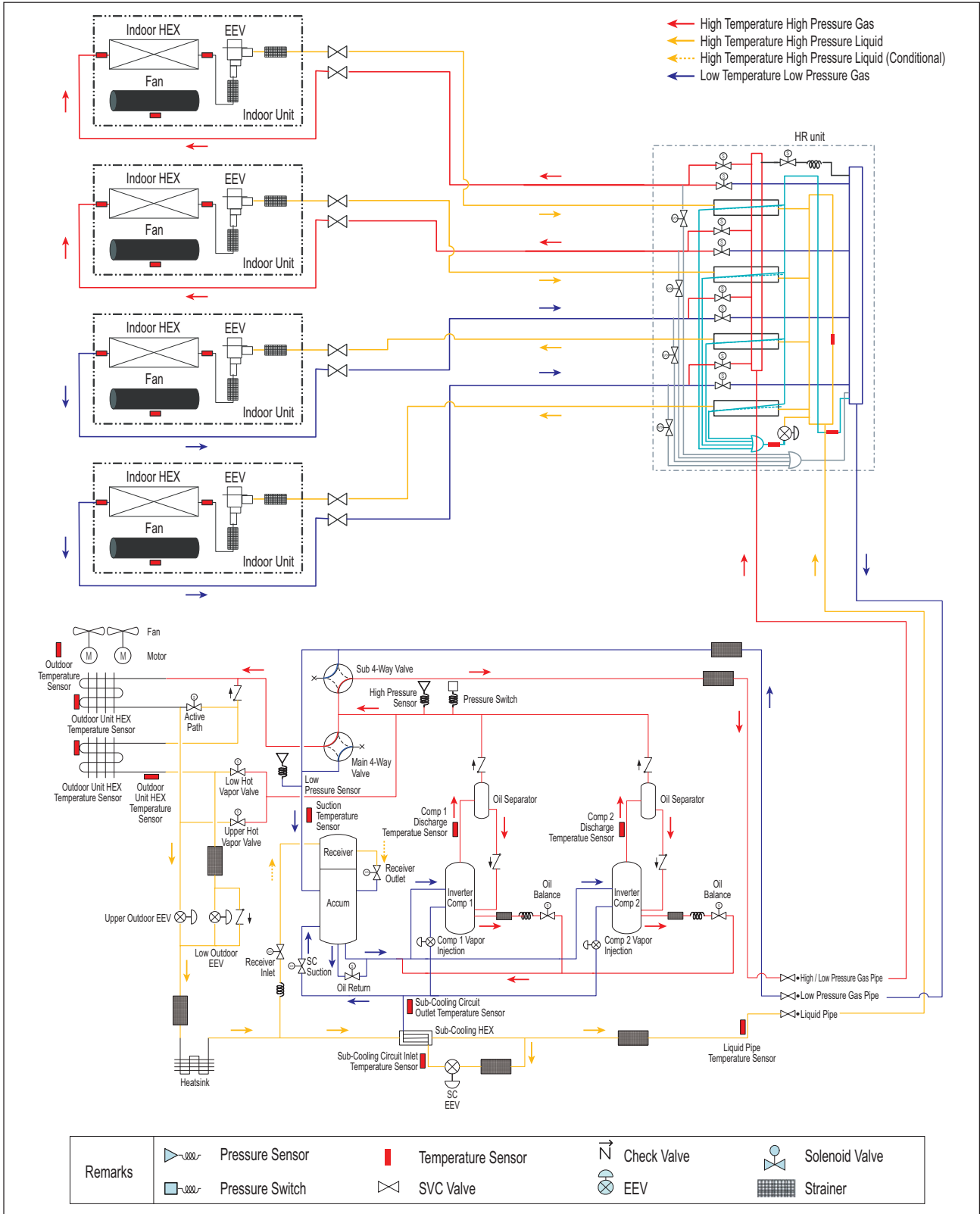
3. Piping Diagrams

■ Heating-based Simultaneous Operation



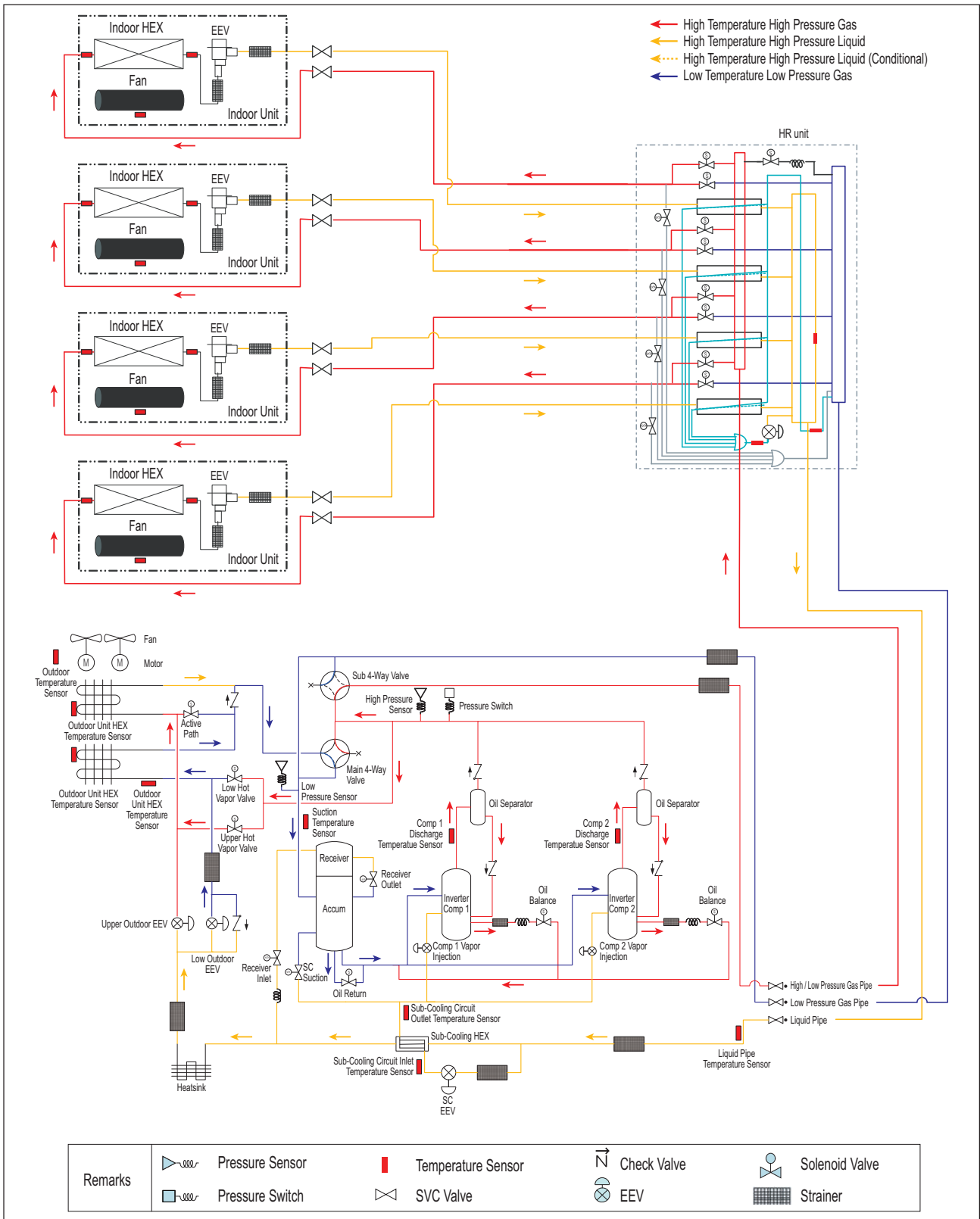
3. Piping Diagrams

Balanced Simultaneous Operation



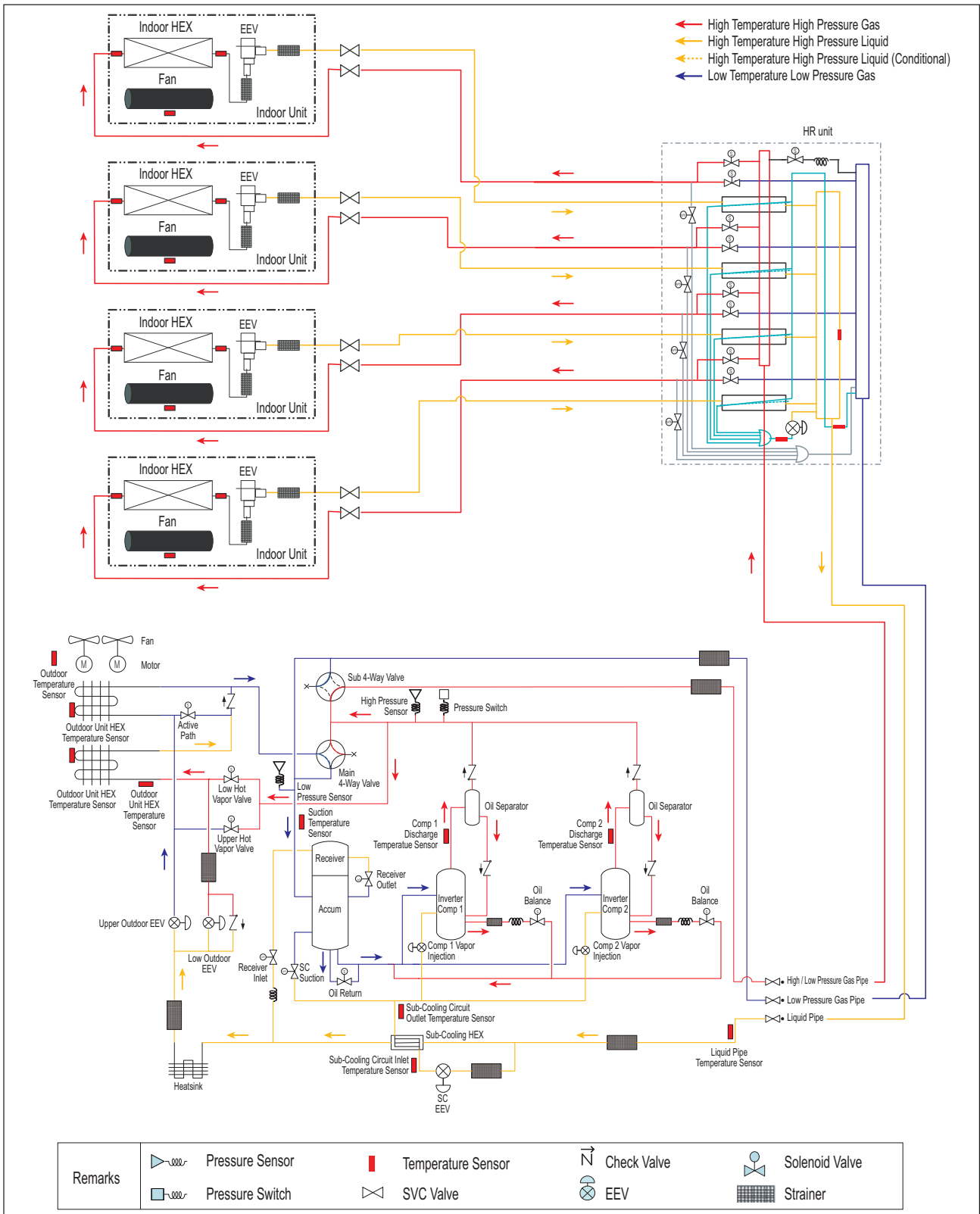
3. Piping Diagrams

Upper HEX Defrost Operation



3. Piping Diagrams

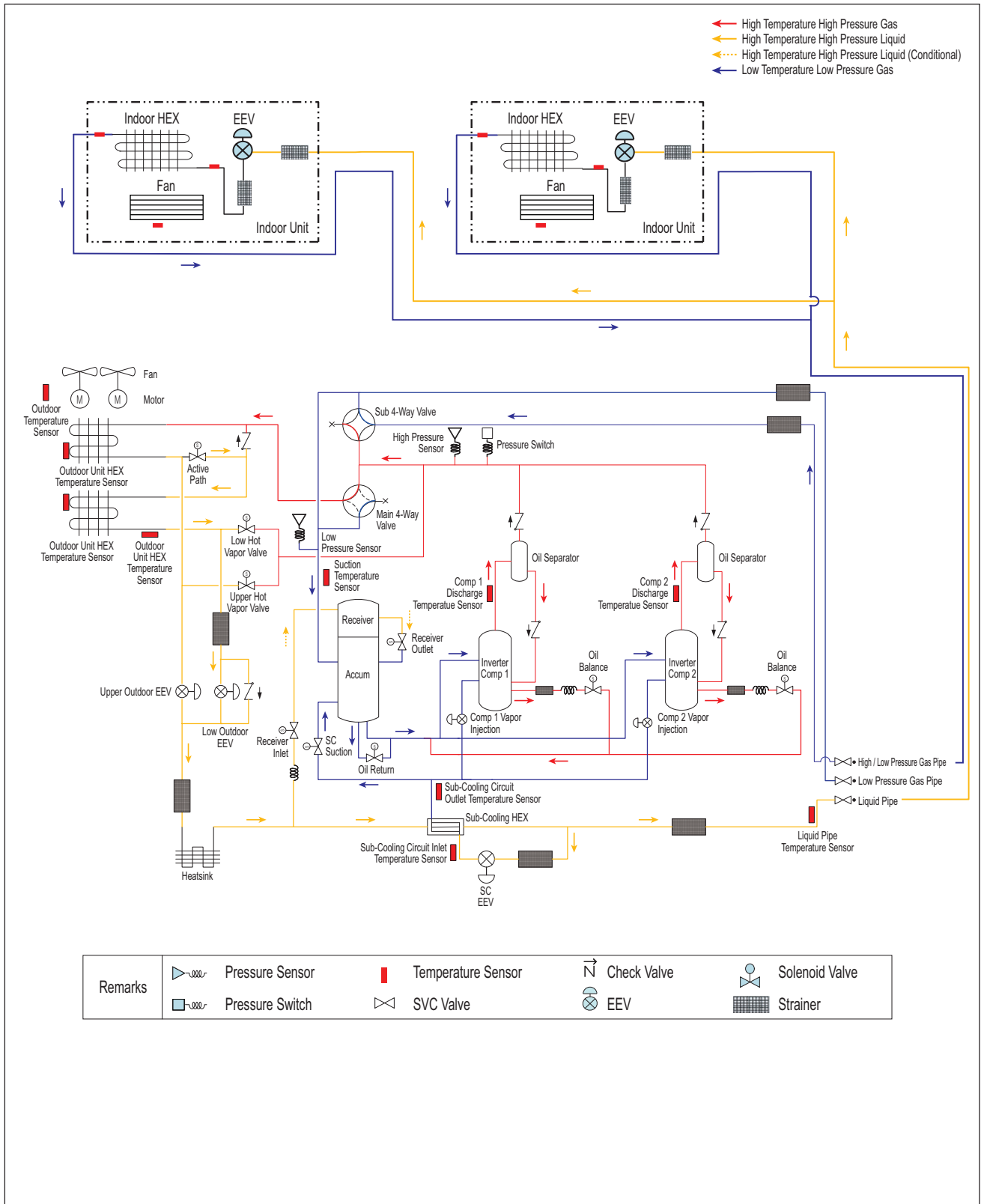
Low HEX Defrost Operation



3. Piping Diagrams

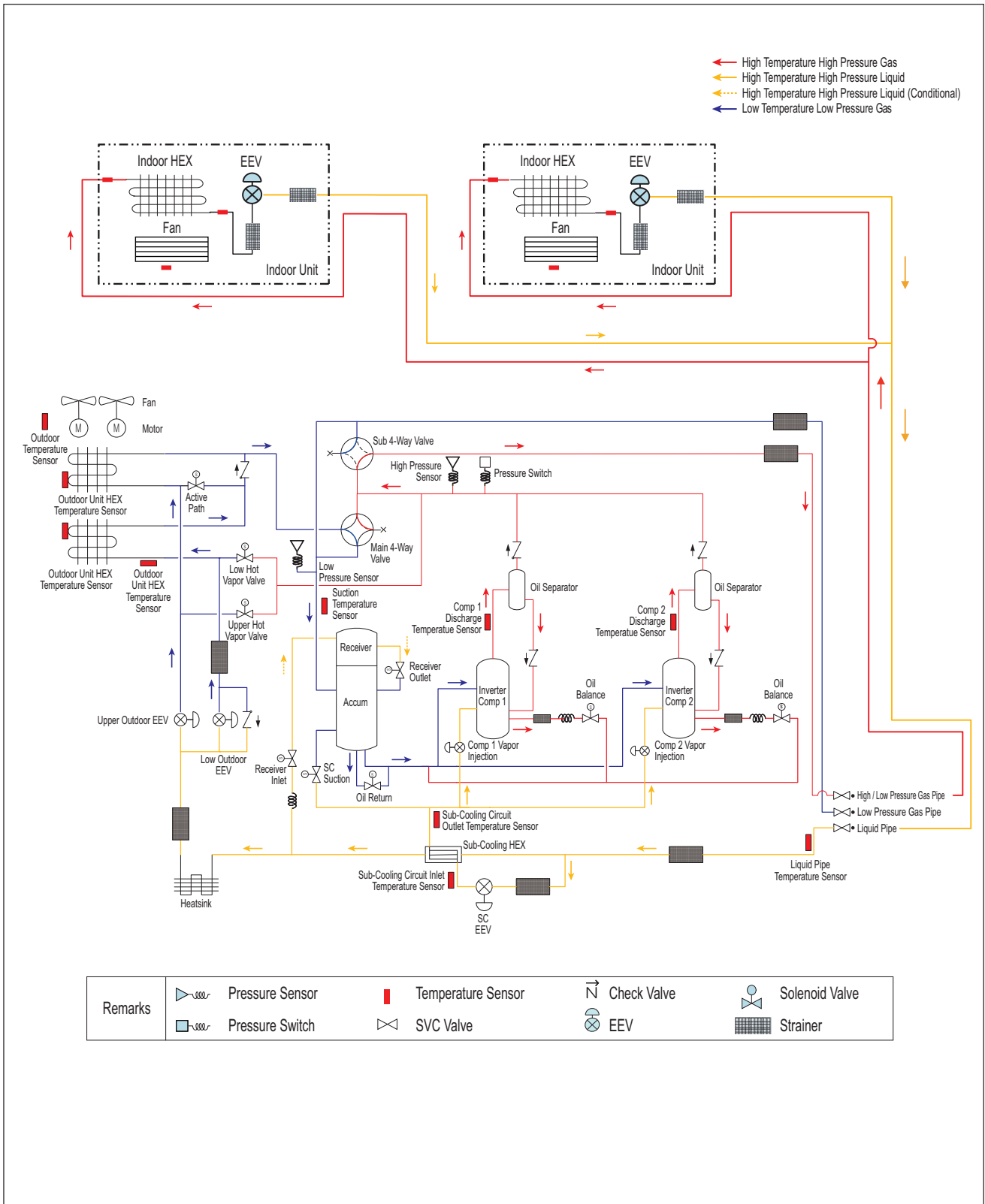
3.2.2 Heat Pump System

■ Cooling Operation



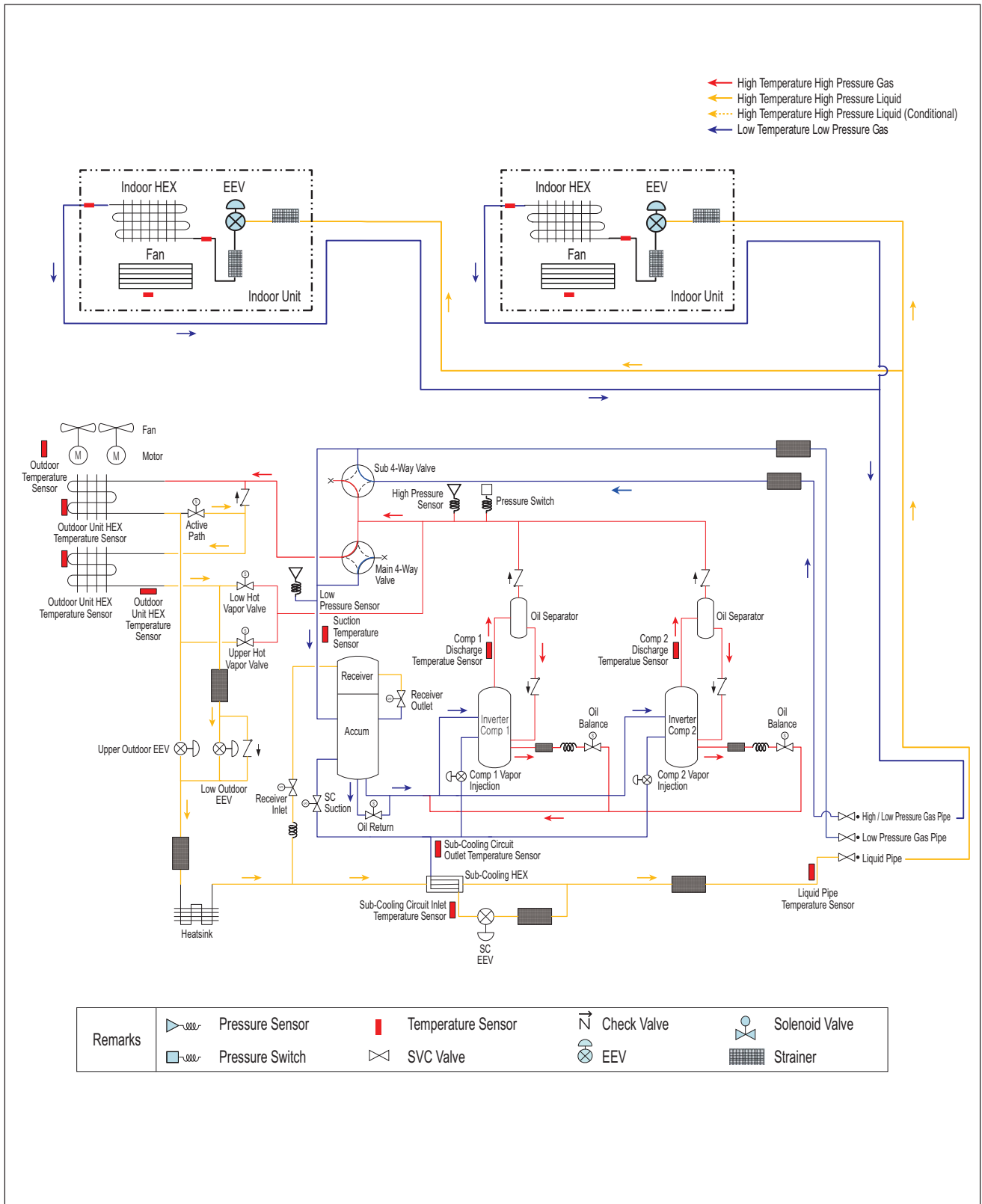
3. Piping Diagrams

■ Heating Operation



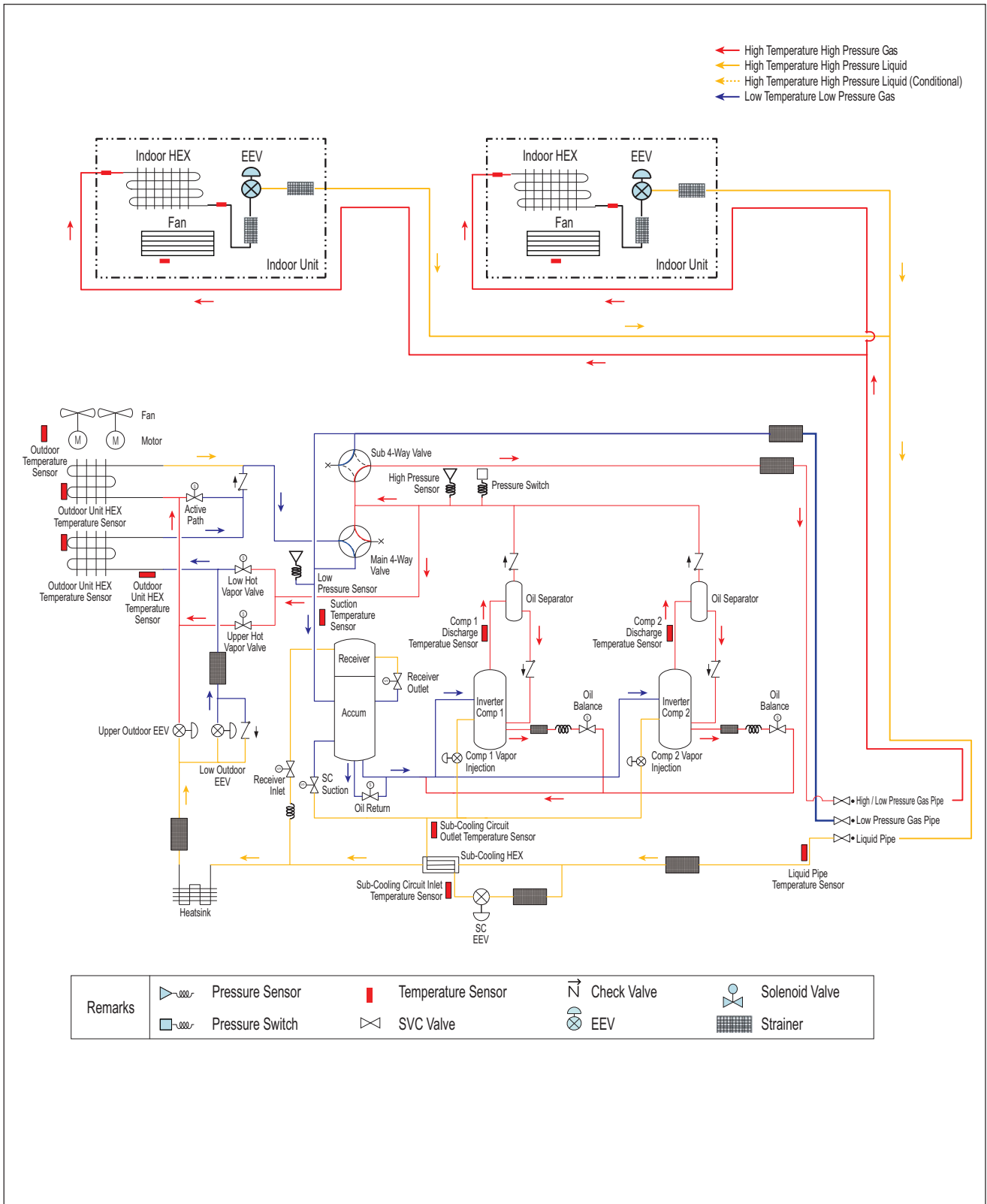
3. Piping Diagrams

Oil Return/ Defrost Operation



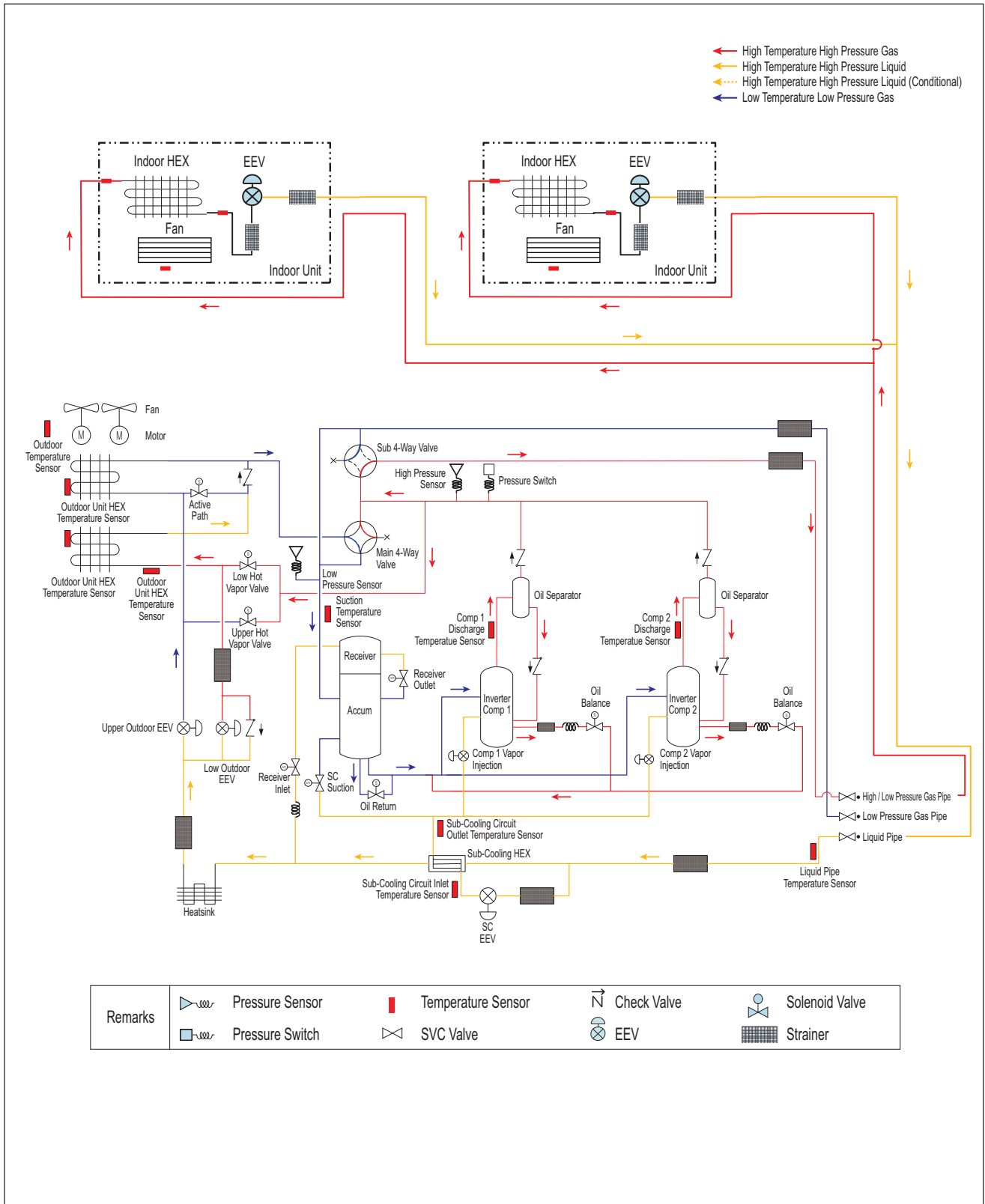
3. Piping Diagrams

Upper HEX Defrost Operation



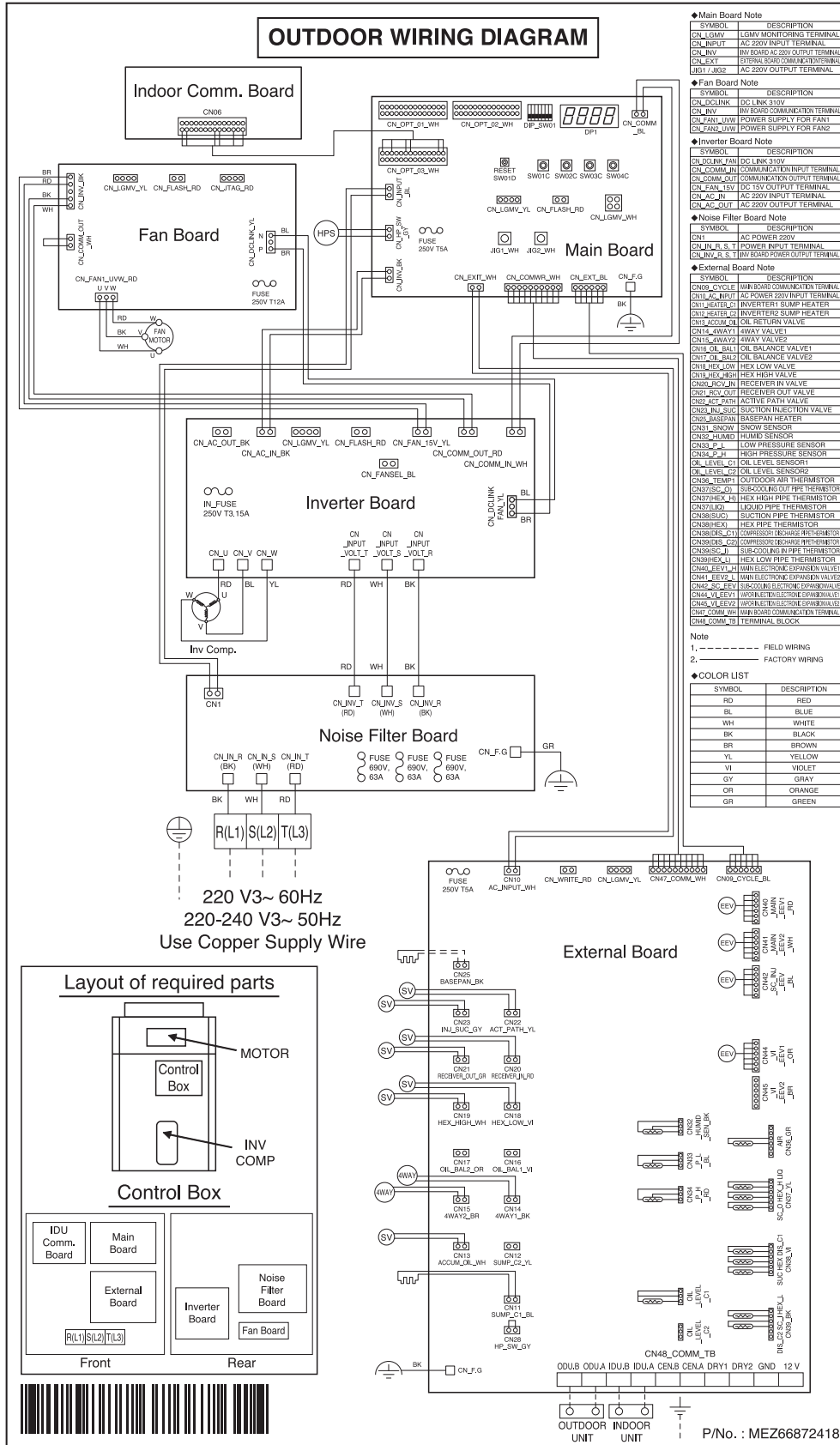
3. Piping Diagrams

Low HEX Defrost Operation



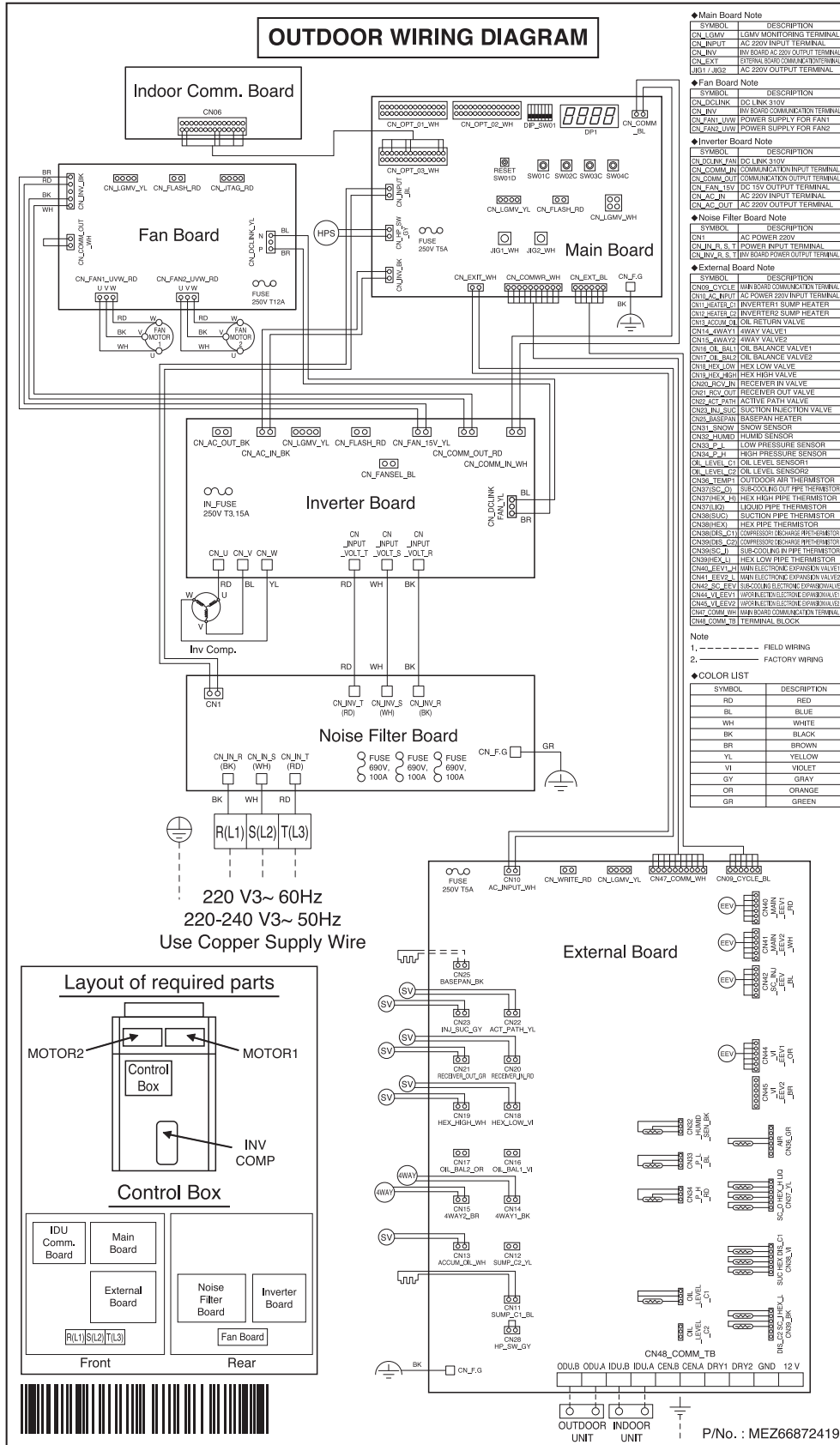
4. Wiring Diagrams

4.1 8 HP (UXA, 1 Comp)



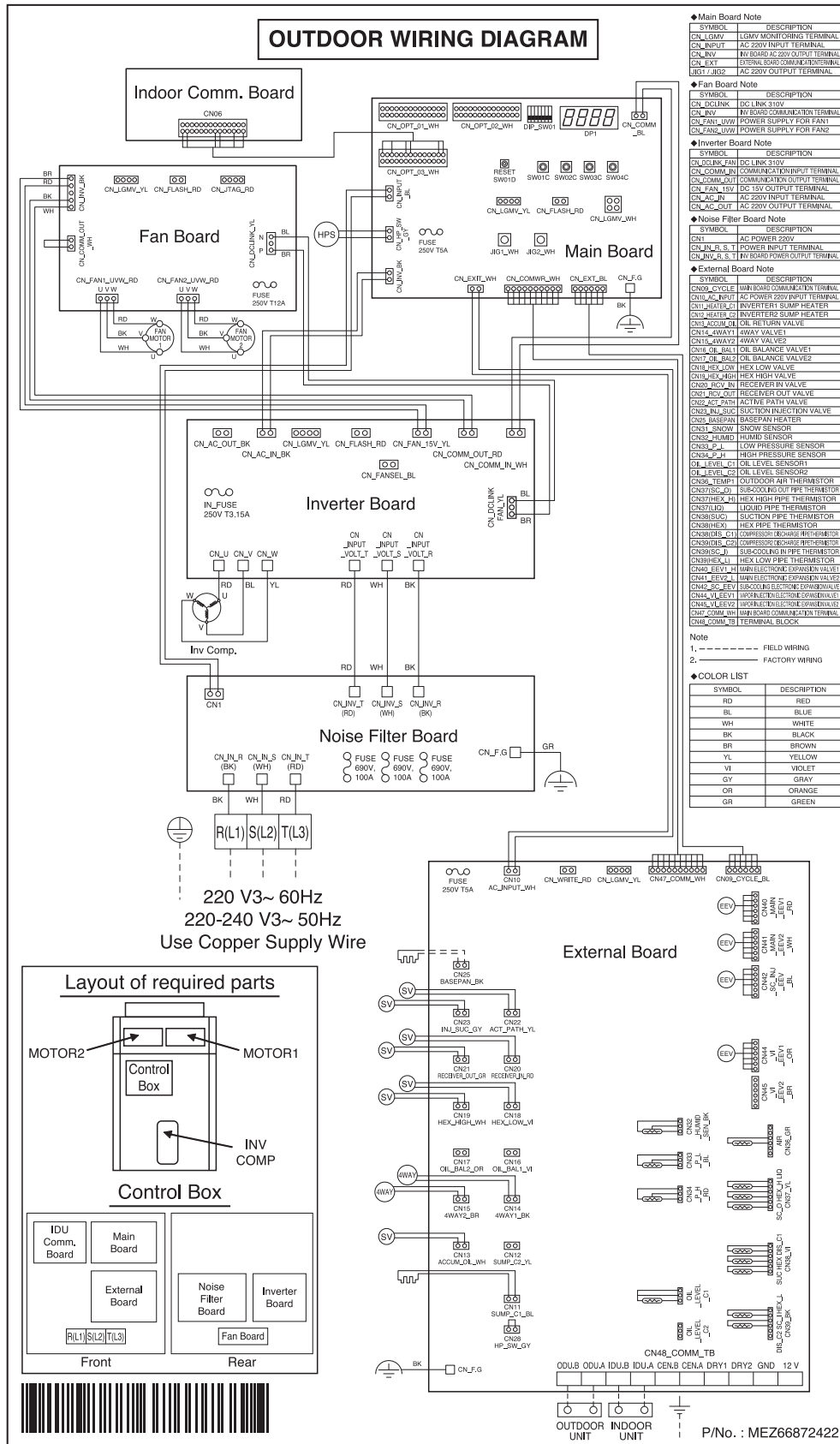
4. Wiring Diagrams

4.2 10 / 12 HP (UXA, 1 Comp)



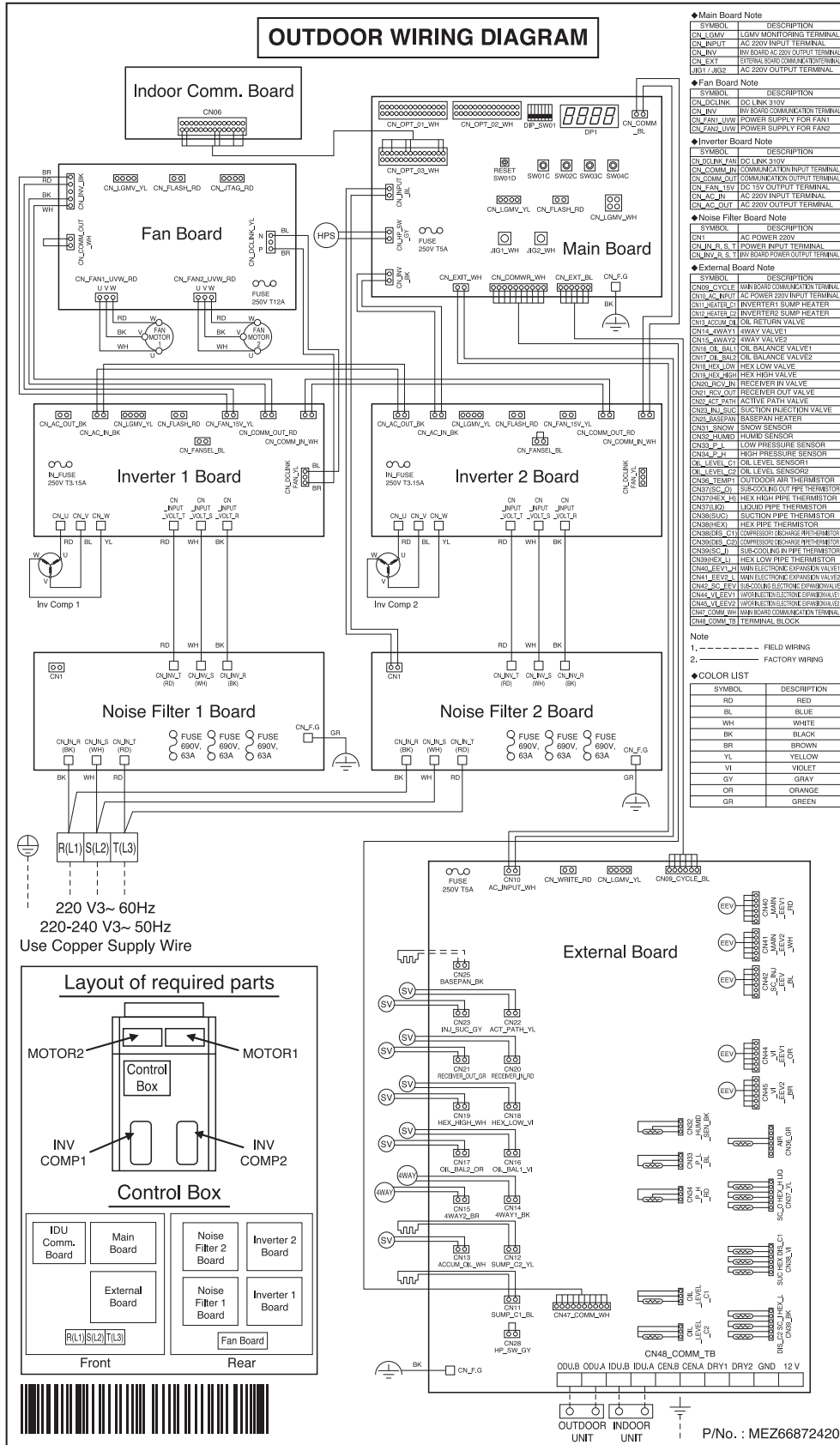
4. Wiring Diagrams

4.3 14 / 16 HP (UXB, 1 Comp)



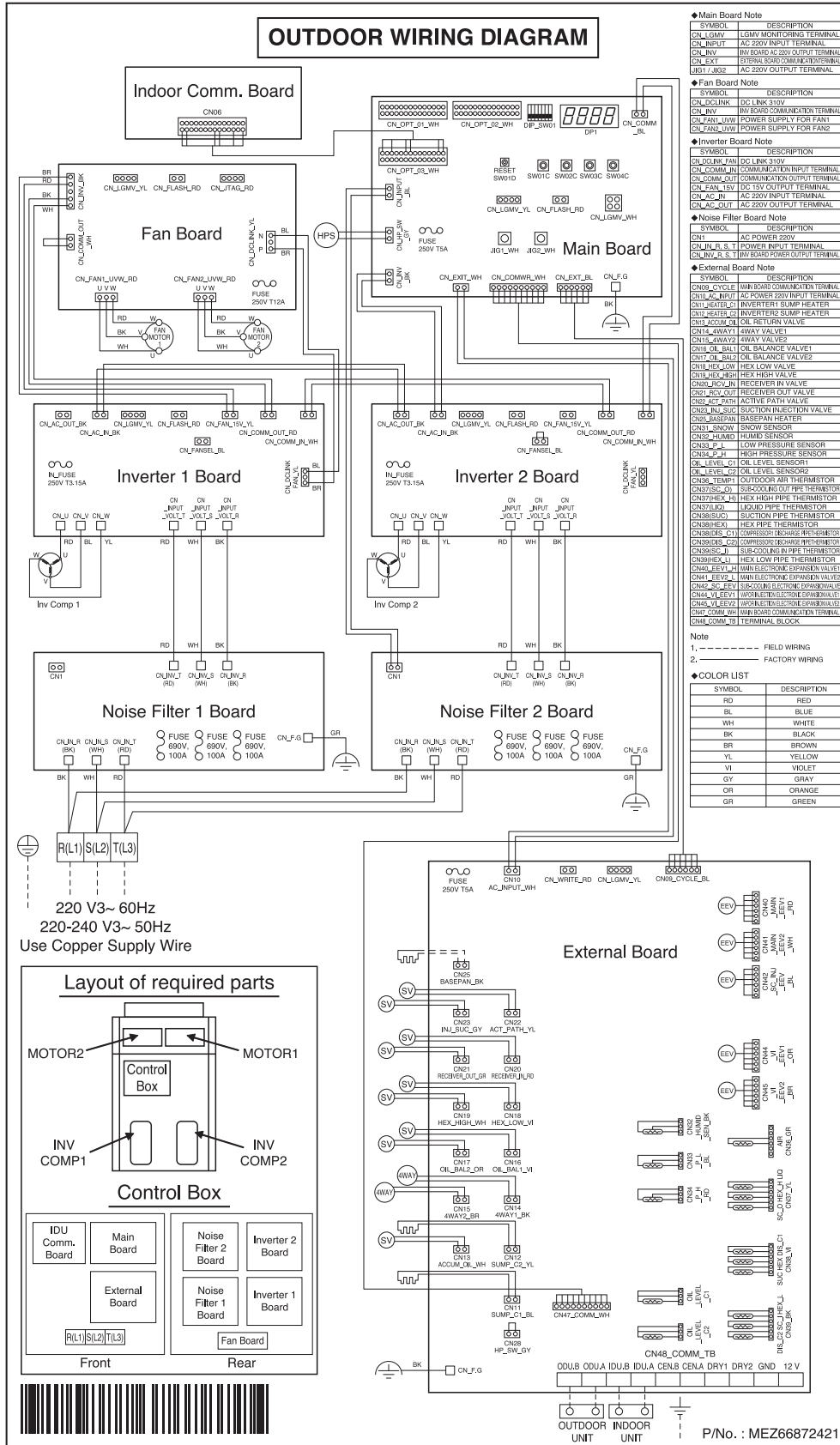
4. Wiring Diagrams

4.4 18 HP (UXB, 2 Comp)



4. Wiring Diagrams

4.5 20 / 22 / 24 / 26 HP (UXB, 2 Comp)

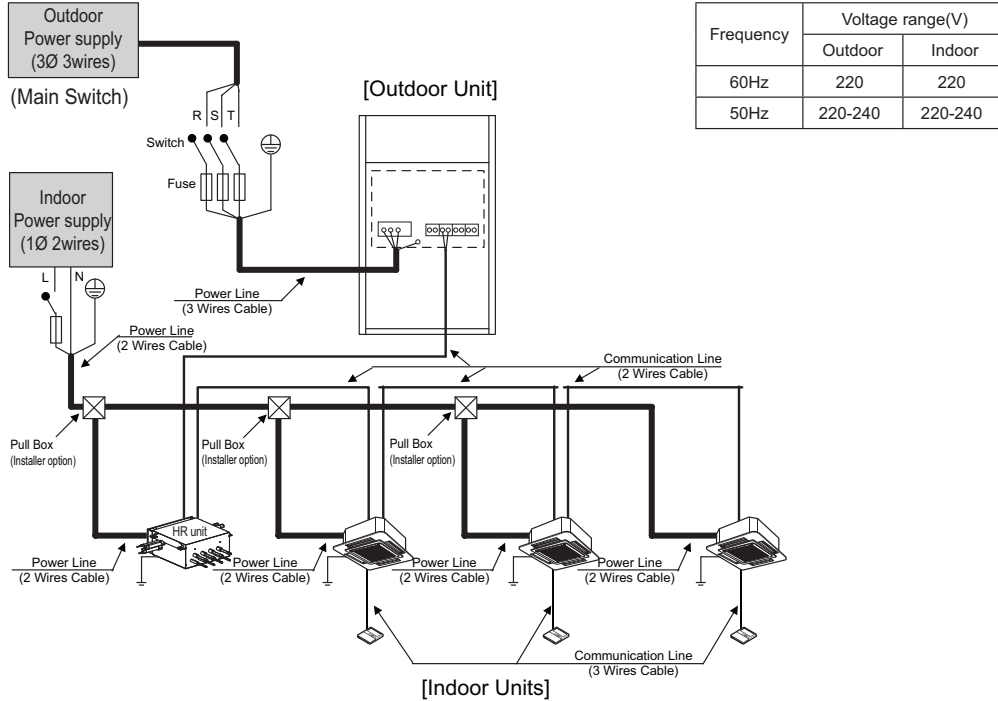


5. Field Wiring

5.1 Heat Recovery System

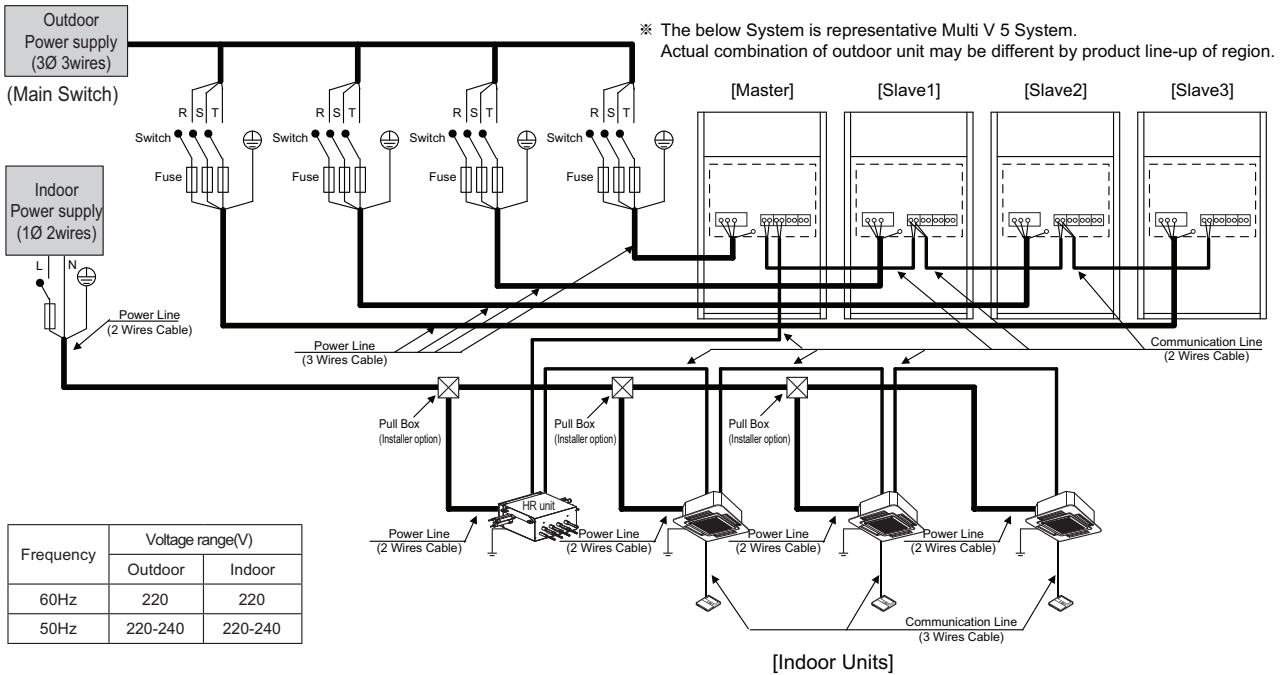
■ Example Connection of Power & Communication Cable

◆ Single Outdoor Unit



■ Series Outdoor Unit

◆ When the power source is supplied to Each outdoor unit individually.



⚠ WARNING

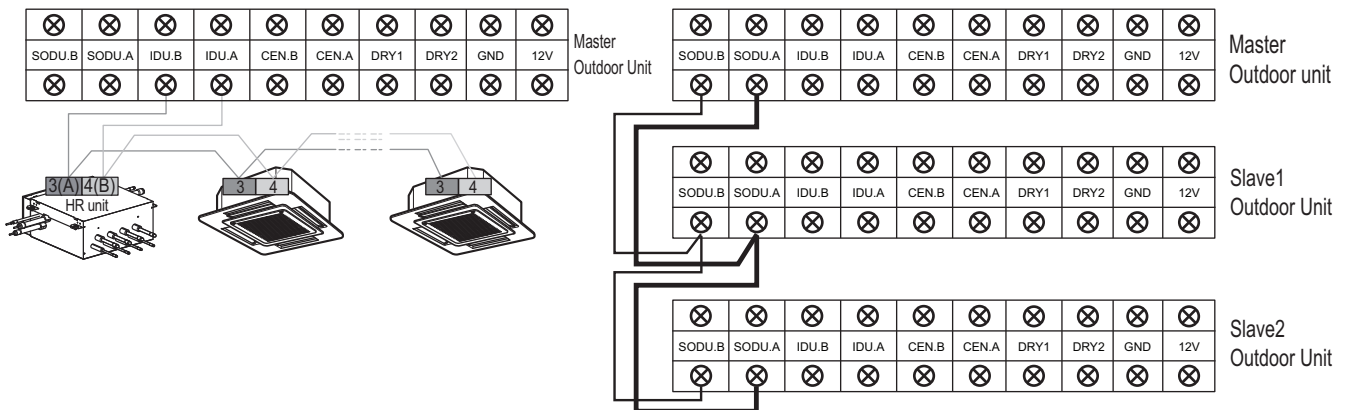
When the total capacity is over than 68Hp, the power source do not use in series between the outdoor units. The First terminal block could be burnt out.

5. Field Wiring

⚠ WARNING

- Indoor Unit ground Lines are required for preventing electrical shock accident during current leakage, Communication disorder by noise effect and motor current leakage (without connection to pipe).
- Don't install an individual switch or electrical outlet to disconnect each of indoor unit separately from the power supply.
If individual power supply is necessary for each indoor unit, IPM (Independent Power Module) should be applied at each indoor unit. (optional)
- Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
- If there exists the possibility of reversed phase, lose phase, momentary blackout or the power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
Running the product in reversed phase may break the compressor and other parts.

◆ Between Indoor and Master Outdoor unit



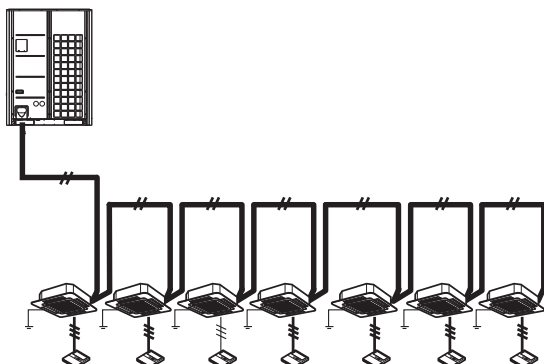
The GND terminal at the main PCB is a 'L' terminal for dry contact. It is not the point to make ground connection.

- Make sure that terminal number of master and slave outdoor units are matched.(A-A,B-B)

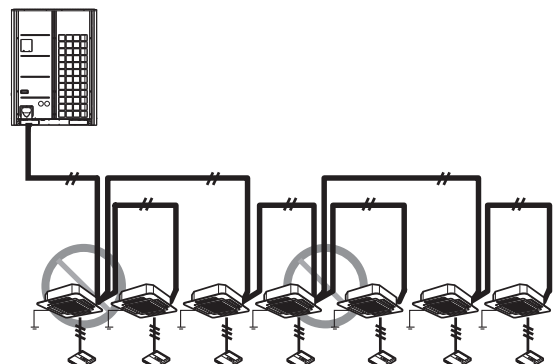
■ Example Connection of Communication Cable

- Connection of communication cable must be installed like below figure between indoor unit to outdoor unit.
- Abnormal operation can be caused by communication defect, when connection of communication cable is installed like below figure.

BUS Type



STAR Type

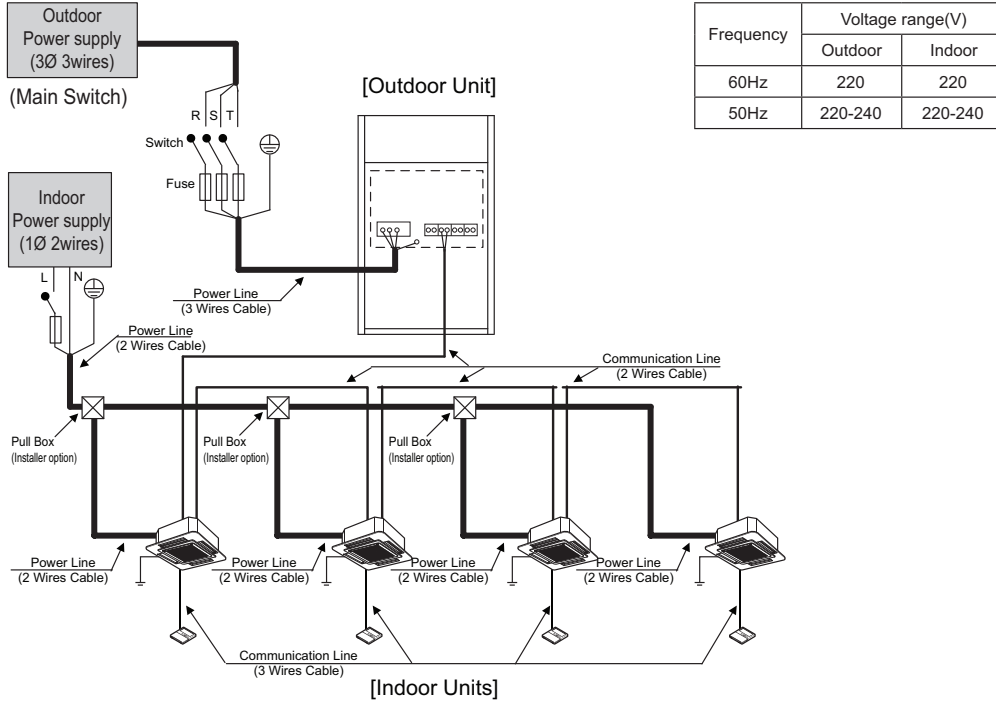


5. Field Wiring

5.2 Heat Pump System

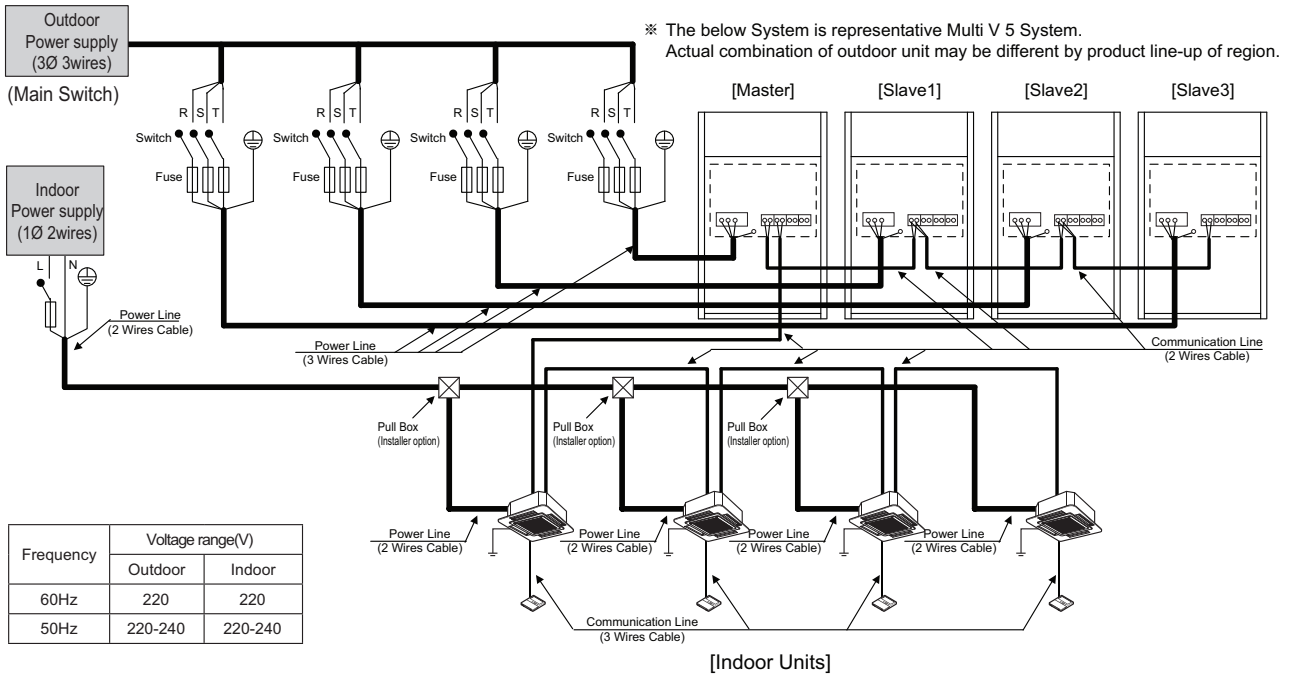
■ Example Connection of Power & Communication Cable

◆ Single Outdoor Unit



■ Series Outdoor Unit

◆ When the power source is supplied to Each outdoor unit individually.



⚠ WARNING

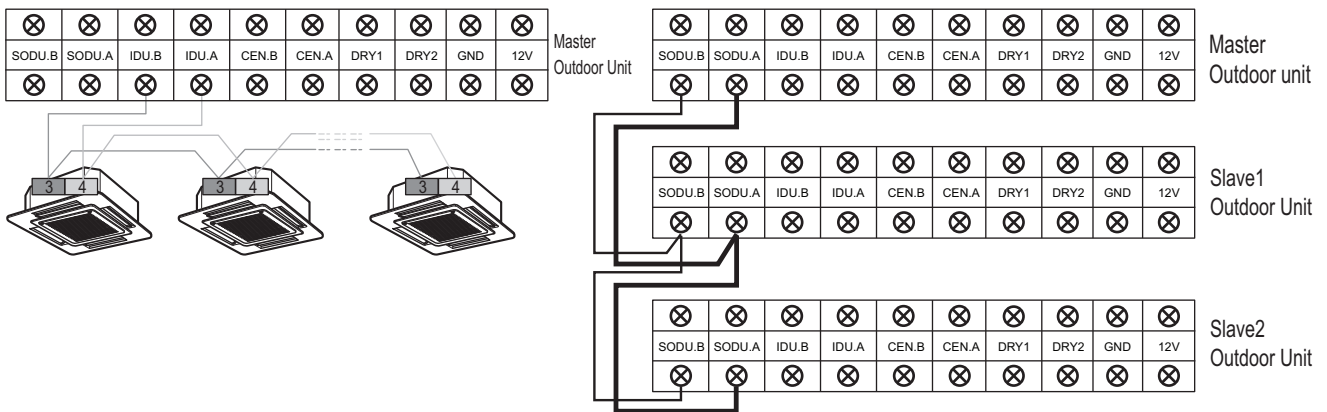
When the total capacity is over than 68Hp, the power source do not use in series between the outdoor units. The First terminal block could be burnt out.

5. Field Wiring

⚠ WARNING

- Indoor Unit ground Lines are required for preventing electrical shock accident during current leakage, Communication disorder by noise effect and motor current leakage (without connection to pipe).
- Don't install an individual switch or electrical outlet to disconnect each of indoor unit separately from the power supply.
If individual power supply is necessary for each indoor unit, IPM (Independent Power Module) should be applied at each indoor unit. (optional)
- Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
- If there exists the possibility of reversed phase, lose phase, momentary blackout or the power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
Running the product in reversed phase may break the compressor and other parts.

◆ Between Indoor and Master Outdoor unit



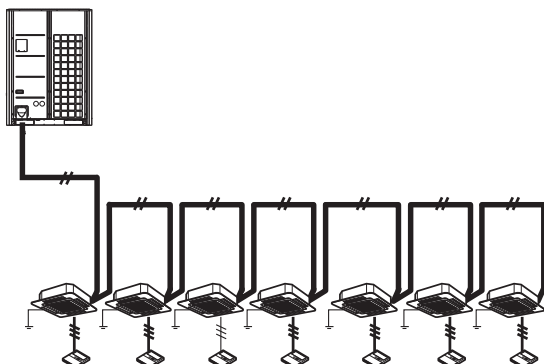
The GND terminal at the main PCB is a '⚡' terminal for dry contact. It is not the point to make ground connection.

- Make sure that terminal number of master and slave outdoor units are matched.(A-A,B-B)

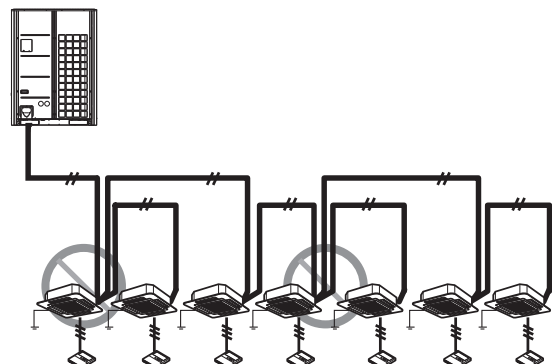
■ Example Connection of Communication Cable

- Connection of communication cable must be installed like below figure between indoor unit to outdoor unit.
- Abnormal operation can be caused by communication defect, when connection of communication cable is installed like below figure.

BUS Type



STAR Type



6. Electric Characteristics

■ Wiring of Main Power Supply and Equipment Capacity

1. Use a separate power supply for the Outdoor Unit and Indoor Unit.
 2. Bear in mind ambient conditions (ambient temperature, direct sunlight, rain liquid, etc.) when proceeding with the wiring and connections
 3. The wire size is the minimum value for metal conduit wiring. The power cord size should be 1 rank thicker taking into account the line voltage drops. Make sure the power-supply voltage does not drop more than 10%.
 4. Specific wiring requirements should adhere to the wiring regulations of the region.
 5. Power supply cords of parts of appliances for outdoor use should not be lighter than polychloroprene sheathed flexible cord (design 60245 IEC57).
 6. Don't install an individual switch or electrical outlet to disconnect each of indoor unit separately from the power supply.
-

WARNING

- Follow ordinance of local regulation for technical standard related to electrical equipment, wiring regulations and guidance of each electric power company.
 - Make sure to use specified wires for connections so that no external force is imparted to terminal connections. If connections are not fixed firmly, it may cause heating or fire.
 - Make sure to use the appropriate type of overcurrent protection switch. Note that generated overcurrent may include some amount of direct current.
 - All installation site may require attachment of an earth leakage breaker. If no earth leakage breaker is installed, it may cause an electric shock.
-

CAUTION

- Do not use anything other than breaker and fuse with correct capacity. Using fuse and wire or copper wire with too large capacity may cause a malfunction of unit or fire.
-

6. Electric Characteristics

■ 50Hz

Model	Unit			Power Supply			COMP			OFM	
	Hz	Volts	Voltage-range	MCA	TOCA	MFA	MSC	RLA(Cooling)	RLA(Heating)	kW	FLA
8 HP	50	220-240	Min.: 198, Max.:264	26.1	30.0	30	7.85	7.6	6.7	1.77	5.0
10 HP	50	220-240	Min.: 198, Max.:264	34.8	40.0	40	11.0	10.3	8.9	1.77	5.0
12 HP	50	220-240	Min.: 198, Max.:264	36.4	40.0	40	11.0	14.8	14.4	1.77	5.0
14 HP	50	220-240	Min.: 198, Max.:264	35.7	40.0	40	11.0	16.3	16.0	2.84	8.0
16 HP	50	220-240	Min.: 198, Max.:264	36.4	40.0	40	11.0	22.0	20.7	2.84	8.0
18 HP	50	220-240	Min.: 198, Max.:264	50.0	70.0	75	15.7	19.7	19.5	2.84	8.0
20 HP	50	220-240	Min.: 198, Max.:264	71.4	80.0	80	21.9	24.4	25.4	2.84	8.0
22 HP	50	220-240	Min.: 198, Max.:264	72.7	80.0	80	21.9	32.0	30.0	2.84	8.0
24 HP	50	220-240	Min.: 198, Max.:264	71.4	80.0	80	21.9	38.7	37.9	2.84	8.0
26 HP	50	220-240	Min.: 198, Max.:264	72.7	80.0	80	21.9	44.9	44.3	2.84	8.0
22' HP	50	220-240	Min.: 198, Max.:264	70.8	80.0	80	21.9	25.1	23.3	3.54	10.0
24' HP	50	220-240	Min.: 198, Max.:264	71.4	80.0	80	21.9	29.6	28.8	3.54	10.0
26' HP	50	220-240	Min.: 198, Max.:264	72.1	80.0	80	21.9	31.1	30.4	4.61	13.0
28 HP	50	220-240	Min.: 198, Max.:264	72.7	80.0	80	21.9	36.8	35.1	4.61	13.0
30 HP	50	220-240	Min.: 198, Max.:264	100.0	110.0	115	26.7	34.5	33.9	4.61	13.0
32 HP	50	220-240	Min.: 198, Max.:264	107.0	120.0	120	32.9	39.2	39.8	4.61	13.0
34 HP	50	220-240	Min.: 198, Max.:264	107.1	120.0	120	32.9	46.8	44.4	4.61	13.0
36 HP	50	220-240	Min.: 198, Max.:264	107.4	120.0	120	32.9	53.5	52.3	4.61	13.0
38 HP	50	220-240	Min.: 198, Max.:264	108.1	120.0	120	32.9	55.0	53.9	5.67	16.0
40 HP	50	220-240	Min.: 198, Max.:264	109.1	120.0	120	32.9	60.7	58.6	5.67	16.0
42 HP	50	220-240	Min.: 198, Max.:264	136.4	150.0	155	37.6	58.4	57.4	5.67	16.0
44 HP	50	220-240	Min.: 198, Max.:264	142.2	160.0	160	43.8	63.1	63.3	5.67	16.0
46 HP	50	220-240	Min.: 198, Max.:264	143.0	160.0	160	43.8	70.7	67.9	5.67	16.0
48 HP	50	220-240	Min.: 198, Max.:264	143.5	160.0	160	43.8	77.4	75.8	5.67	16.0
50 HP	50	220-240	Min.: 198, Max.:264	144.1	160.0	160	43.8	69.8	68.3	7.44	21.0
52 HP	50	220-240	Min.: 198, Max.:264	145.5	160.0	160	43.8	75.5	73.0	7.44	21.0
54 HP	50	220-240	Min.: 198, Max.:264	172.7	190.0	195	48.6	73.2	71.8	7.44	21.0
56 HP	50	220-240	Min.: 198, Max.:264	178.4	200.0	200	54.8	77.9	77.7	7.44	21.0
58 HP	50	220-240	Min.: 198, Max.:264	178.9	200.0	200	54.8	85.5	82.3	7.44	21.0
60 HP	50	220-240	Min.: 198, Max.:264	179.5	200.0	200	54.8	92.2	90.2	7.44	21.0
62 HP	50	220-240	Min.: 198, Max.:264	180.2	200.0	200	54.8	93.7	91.8	8.51	24.0
64 HP	50	220-240	Min.: 198, Max.:264	181.8	200.0	200	54.8	99.4	96.5	8.51	24.0
66 HP	50	220-240	Min.: 198, Max.:264	200.0	230.0	235	59.5	97.1	95.3	8.51	24.0
68 HP	50	220-240	Min.: 198, Max.:264	213.3	240.0	240	65.7	101.8	101.2	8.51	24.0
70 HP	50	220-240	Min.: 198, Max.:264	214.1	240.0	240	65.7	109.4	105.8	8.51	24.0
72 HP	50	220-240	Min.: 198, Max.:264	214.7	240.0	240	65.7	116.1	113.7	8.51	24.0
74 HP	50	220-240	Min.: 198, Max.:264	216.6	240.0	240	65.7	108.5	106.2	10.28	29.0
76 HP	50	220-240	Min.: 198, Max.:264	218.2	240.0	240	65.7	114.2	110.9	10.28	29.0
78 HP	50	220-240	Min.: 198, Max.:264	245.5	270.0	275	70.5	111.9	109.7	10.28	29.0
80 HP	50	220-240	Min.: 198, Max.:264	248.9	280.0	280	76.7	116.6	115.6	10.28	29.0
82 HP	50	220-240	Min.: 198, Max.:264	250.0	280.0	280	76.7	124.2	120.2	10.28	29.0
84 HP	50	220-240	Min.: 198, Max.:264	250.9	280.0	280	76.7	130.9	128.1	10.28	29.0

Note

- Voltage supplied to the unit terminals should be within the minimum and maximum range.
 - Maximum allowable voltage unbalance between phase is 2%.
 - MSC means the Max. current during the starting of compressor.
 - MSC and RLA are measured as the compressor only test condition.
 - OFM are measured as the outdoor unit test condition.
 - TOCA means the total over current value of each outdoor unit.
 - Select the wire size based on the larger value among MCA or TOCA.
 - MFA is recommended fuse amps.
 - TOCA is minimum required amperes for selecting the circuit breaker and ground fault circuit interrupter. Please select the circuit breaker size equal or greater than TOCA. All installation site must require attachment of an earth leakage breaker.[Circuit breaker type is ELCB (Earth Leakage Circuit Breaker)].
 - Select the electrical equipment of combination unit according to the electrical characteristics of individual unit.
- ': 2 unit combination models

Symbols

- MCA** : Minimum Circuit Amperes (A)
TOCA : Total Over Current Amperes (A)
MFA : Maximum Fuse Amperes (A)
MSC : Maximum Starting Current (A)
RLA : Rated Load Amperes (A)
OFM : Outdoor Fan Motor
kW : Fan Motor rated output (kW)
FLA : Full Load Amperes (A)

6. Electric Characteristics

Model	Unit			Power Supply			COMP			OFM	
	Hz	Volts	Voltage-range	MCA	TOCA	MFA	MSC	RLA(Cooling)	RLA(Heating)	kW	FLA
86 HP	50	220-240	Min.: 198, Max.:264	252.3	280.0	280	76.7	132.4	129.7	11.34	32.0
88 HP	50	220-240	Min.: 198, Max.:264	254.5	280.0	280	76.7	138.1	134.4	11.34	32.0
90 HP	50	220-240	Min.: 198, Max.:264	281.8	310.0	315	81.4	135.8	133.2	11.34	32.0
92 HP	50	220-240	Min.: 198, Max.:264	287.0	320.0	320	87.6	140.5	139.1	11.34	32.0
94 HP	50	220-240	Min.: 198, Max.:264	288.3	320.0	320	87.6	148.1	143.7	11.34	32.0
96 HP	50	220-240	Min.: 198, Max.:264	290.9	320.0	320	87.6	154.8	151.6	11.34	32.0

Note

- Voltage supplied to the unit terminals should be within the minimum and maximum range.
 - Maximum allowable voltage unbalance between phase is 2%.
 - MSC means the Max. current during the starting of compressor.
 - MSC and RLA are measured as the compressor only test condition.
 - OFM are measured as the outdoor unit test condition.
 - TOCA means the total over current value of each outdoor unit.
 - Select the wire size based on the larger value among MCA or TOCA.
 - MFA is recommended fuse amps.
 - TOCA is minimum required amperes for selecting the circuit breaker and ground fault circuit interrupter. Please select the circuit breaker size equal or greater than TOCA. All installation site must require attachment of an earth leakage breaker.[Circuit breaker type is ELCB (Earth Leakage Circuit Breaker)].
 - Select the electrical equipment of combination unit according to the electrical characteristics of individual unit.
- ' : 2 unit combination models

Symbols

- MCA** : Minimum Circuit Amperes (A)
TOCA : Total Over Current Amperes (A)
MFA : Maximum Fuse Amperes (A)
MSC : Maximum Starting Current (A)
RLA : Rated Load Amperes (A)
OFM : Outdoor Fan Motor
kW : Fan Motor rated output (kW)
FLA : Full Load Amperes (A)

6. Electric Characteristics

■ 60Hz

Model	Unit			Power Supply			COMP			OFM	
	Hz	Volts	Voltage-range	MCA	TOCA	MFA	MSC	RLA(Cooling)	RLA(Heating)	kW	FLA
8 HP	60	220	Min.: 198, Max.:242	26.1	30.0	30	7.85	7.6	6.7	1.77	5.0
10 HP	60	220	Min.: 198, Max.:242	34.8	40.0	40	11.0	10.3	8.9	1.77	5.0
12 HP	60	220	Min.: 198, Max.:242	36.4	40.0	40	11.0	14.8	14.4	1.77	5.0
14 HP	60	220	Min.: 198, Max.:242	35.7	40.0	40	11.0	16.3	16.0	2.84	8.0
16 HP	60	220	Min.: 198, Max.:242	36.4	40.0	40	11.0	22.0	20.7	2.84	8.0
18 HP	60	220	Min.: 198, Max.:242	50.0	70.0	75	15.7	19.7	19.5	2.84	8.0
20 HP	60	220	Min.: 198, Max.:242	71.4	80.0	80	21.9	24.4	25.4	2.84	8.0
22 HP	60	220	Min.: 198, Max.:242	72.7	80.0	80	21.9	32.0	30.0	2.84	8.0
24 HP	60	220	Min.: 198, Max.:242	71.4	80.0	80	21.9	38.7	37.9	2.84	8.0
26 HP	60	220	Min.: 198, Max.:242	72.7	80.0	80	21.9	44.9	44.3	2.84	8.0
22' HP	60	220	Min.: 198, Max.:242	70.8	80.0	80	21.9	25.1	23.3	3.54	10.0
24' HP	60	220	Min.: 198, Max.:242	71.4	80.0	80	21.9	29.6	28.8	3.54	10.0
26' HP	60	220	Min.: 198, Max.:242	72.1	80.0	80	21.9	31.1	30.4	4.61	13.0
28 HP	60	220	Min.: 198, Max.:242	72.7	80.0	80	21.9	36.8	35.1	4.61	13.0
30 HP	60	220	Min.: 198, Max.:242	100.0	110.0	115	26.7	34.5	33.9	4.61	13.0
32 HP	60	220	Min.: 198, Max.:242	107.0	120.0	120	32.9	39.2	39.8	4.61	13.0
34 HP	60	220	Min.: 198, Max.:242	107.1	120.0	120	32.9	46.8	44.4	4.61	13.0
36 HP	60	220	Min.: 198, Max.:242	107.4	120.0	120	32.9	53.5	52.3	4.61	13.0
38 HP	60	220	Min.: 198, Max.:242	108.1	120.0	120	32.9	55.0	53.9	5.67	16.0
40 HP	60	220	Min.: 198, Max.:242	109.1	120.0	120	32.9	60.7	58.6	5.67	16.0
42 HP	60	220	Min.: 198, Max.:242	136.4	150.0	155	37.6	58.4	57.4	5.67	16.0
44 HP	60	220	Min.: 198, Max.:242	142.2	160.0	160	43.8	63.1	63.3	5.67	16.0
46 HP	60	220	Min.: 198, Max.:242	143.0	160.0	160	43.8	70.7	67.9	5.67	16.0
48 HP	60	220	Min.: 198, Max.:242	143.5	160.0	160	43.8	77.4	75.8	5.67	16.0
50 HP	60	220	Min.: 198, Max.:242	144.1	160.0	160	43.8	69.8	68.3	7.44	21.0
52 HP	60	220	Min.: 198, Max.:242	145.5	160.0	160	43.8	75.5	73.0	7.44	21.0
54 HP	60	220	Min.: 198, Max.:242	172.7	190.0	195	48.6	73.2	71.8	7.44	21.0
56 HP	60	220	Min.: 198, Max.:242	178.4	200.0	200	54.8	77.9	77.7	7.44	21.0
58 HP	60	220	Min.: 198, Max.:242	178.9	200.0	200	54.8	85.5	82.3	7.44	21.0
60 HP	60	220	Min.: 198, Max.:242	179.5	200.0	200	54.8	92.2	90.2	7.44	21.0
62 HP	60	220	Min.: 198, Max.:242	180.2	200.0	200	54.8	93.7	91.8	8.51	24.0
64 HP	60	220	Min.: 198, Max.:242	181.8	200.0	200	54.8	99.4	96.5	8.51	24.0
66 HP	60	220	Min.: 198, Max.:242	200.0	230.0	235	59.5	97.1	95.3	8.51	24.0
68 HP	60	220	Min.: 198, Max.:242	213.3	240.0	240	65.7	101.8	101.2	8.51	24.0
70 HP	60	220	Min.: 198, Max.:242	214.1	240.0	240	65.7	109.4	105.8	8.51	24.0
72 HP	60	220	Min.: 198, Max.:242	214.7	240.0	240	65.7	116.1	113.7	8.51	24.0
74 HP	60	220	Min.: 198, Max.:242	216.6	240.0	240	65.7	108.5	106.2	10.28	29.0
76 HP	60	220	Min.: 198, Max.:242	218.2	240.0	240	65.7	114.2	110.9	10.28	29.0
78 HP	60	220	Min.: 198, Max.:242	245.5	270.0	275	70.5	111.9	109.7	10.28	29.0
80 HP	60	220	Min.: 198, Max.:242	248.9	280.0	280	76.7	116.6	115.6	10.28	29.0
82 HP	60	220	Min.: 198, Max.:242	250.0	280.0	280	76.7	124.2	120.2	10.28	29.0
84 HP	60	220	Min.: 198, Max.:242	250.9	280.0	280	76.7	130.9	128.1	10.28	29.0

Note

1. Voltage supplied to the unit terminals should be within the minimum and maximum range.
 2. Maximum allowable voltage unbalance between phase is 2%.
 3. MSC means the Max. current during the starting of compressor.
 4. MSC and RLA are measured as the compressor only test condition.
 5. OFM are measured as the outdoor unit test condition.
 6. TOCA means the total over current value of each outdoor unit.
 7. Select the wire size based on the larger value among MCA or TOCA.
 8. MFA is recommended fuse amps.
 9. TOCA is minimum required amperes for selecting the circuit breaker and ground fault circuit interrupter. Please select the circuit breaker size equal or greater than TOCA. All installation site must require attachment of an earth leakage breaker.[Circuit breaker type is ELCB (Earth Leakage Circuit Breaker)].
 10. Select the electrical equipment of combination unit according to the electrical characteristics of individual unit.
- ': 2 unit combination models

Symbols

- MCA** : Minimum Circuit Amperes (A)
TOCA : Total Over Current Amperes (A)
MFA : Maximum Fuse Amperes (A)
MSC : Maximum Starting Current (A)
RLA : Rated Load Amperes (A)
OFM : Outdoor Fan Motor
kW : Fan Motor rated output (kW)
FLA : Full Load Amperes (A)

6. Electric Characteristics

Model	Unit			Power Supply			COMP			OFM	
	Hz	Volts	Voltage-range	MCA	TOCA	MFA	MSC	RLA(Cooling)	RLA(Heating)	kW	FLA
86 HP	60	220	Min.: 198, Max.:242	252.3	280.0	280	76.7	132.4	129.7	11.34	32.0
88 HP	60	220	Min.: 198, Max.:242	254.5	280.0	280	76.7	138.1	134.4	11.34	32.0
90 HP	60	220	Min.: 198, Max.:242	281.8	310.0	315	81.4	135.8	133.2	11.34	32.0
92 HP	60	220	Min.: 198, Max.:242	287.0	320.0	320	87.6	140.5	139.1	11.34	32.0
94 HP	60	220	Min.: 198, Max.:242	288.3	320.0	320	87.6	148.1	143.7	11.34	32.0
96 HP	60	220	Min.: 198, Max.:242	290.9	320.0	320	87.6	154.8	151.6	11.34	32.0

Note

- Voltage supplied to the unit terminals should be within the minimum and maximum range.
 - Maximum allowable voltage unbalance between phase is 2%.
 - MSC means the Max. current during the starting of compressor.
 - MSC and RLA are measured as the compressor only test condition.
 - OFM are measured as the outdoor unit test condition.
 - TOCA means the total over current value of each outdoor unit.
 - Select the wire size based on the larger value among MCA or TOCA.
 - MFA is recommended fuse amps.
 - TOCA is minimum required amperes for selecting the circuit breaker and ground fault circuit interrupter. Please select the circuit breaker size equal or greater than TOCA. All installation site must require attachment of an earth leakage breaker.[Circuit breaker type is ELCB (Earth Leakage Circuit Breaker)].
 - Select the electrical equipment of combination unit according to the electrical characteristics of individual unit.
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Symbols

- MCA** : Minimum Circuit Amperes (A)
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MSC : Maximum Starting Current (A)
RLA : Rated Load Amperes (A)
OFM : Outdoor Fan Motor
kW : Fan Motor rated output (kW)
FLA : Full Load Amperes (A)

7. Capacity Tables

7.1 Cooling Capacity

7.1.1 Single Unit

◆ ARUM080BTE5

Cooling Capacity (8HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI	TC	PI	
130	10	20.5	1.89	24.4	2.31	26.1	2.68	26.9	2.74	27.6	2.76	29.0	2.78	29.7	2.79
	12	20.5	1.94	24.4	2.39	26.1	2.79	26.9	2.81	27.6	2.83	29.0	2.85	29.7	2.88
	14	20.5	2.00	24.4	2.48	26.1	2.90	26.9	2.92	27.6	2.94	29.0	2.96	29.7	2.99
	16	20.5	2.08	24.4	2.57	26.1	3.03	26.9	3.05	27.6	3.08	29.0	3.11	29.7	3.13
	18	20.5	2.16	24.4	2.72	26.1	3.17	26.9	3.23	27.6	3.26	29.0	3.29	29.7	3.31
	20	20.5	2.26	24.4	2.89	26.1	3.32	26.9	3.56	27.6	3.59	28.6	3.62	29.3	3.65
	21	20.5	2.32	24.4	2.99	26.1	3.39	26.9	3.76	27.6	3.79	28.4	3.83	29.1	3.86
	23	20.5	2.49	24.4	3.15	26.1	3.57	26.9	4.15	27.3	4.19	28.0	4.23	28.7	4.26
	25	20.5	2.66	24.4	3.33	26.1	3.81	26.6	4.61	26.9	4.64	27.6	4.69	28.4	4.72
	27	20.5	2.84	24.4	3.56	25.8	4.06	26.1	5.07	26.6	5.11	27.3	5.16	28.0	5.20
	29	20.5	3.03	24.4	3.81	25.4	4.37	25.8	5.57	26.1	5.61	26.9	5.66	27.6	5.68
	31	20.5	3.23	24.3	4.01	25.0	4.65	25.4	5.55	25.8	5.58	26.5	5.63	27.2	5.66
	33	20.5	3.44	23.9	4.25	24.6	4.99	25.0	5.50	25.4	5.53	26.1	5.58	26.8	5.60
	35	20.5	3.67	23.5	4.45	24.2	5.40	24.6	5.43	25.0	5.46	25.7	5.51	26.5	5.53
	37	20.5	3.92	23.1	4.67	23.9	5.33	24.2	5.36	24.6	5.39	25.3	5.44	26.1	5.46
	39	20.5	4.17	22.7	4.92	23.5	5.26	23.9	5.28	24.2	5.32	25.0	5.36	25.7	5.38
	41	20.0	4.42	21.8	5.16	22.5	5.19	22.9	5.21	23.3	5.24	24.0	5.29	24.7	5.31
	43	19.5	4.66	20.9	5.09	21.6	5.11	21.9	5.14	22.4	5.17	23.1	5.22	23.7	5.24
46	18.2	4.99	19.0	4.98	19.7	5.01	20.0	5.03	20.5	5.06	21.1	5.11	21.7	5.13	
48	16.1	4.85	16.5	4.87	17.2	4.88	17.4	4.89	17.8	4.93	18.4	4.97	18.9	4.98	
120	10	18.9	1.70	22.5	2.09	24.6	2.48	25.4	2.68	26.1	2.72	27.5	2.73	28.2	2.75
	12	18.9	1.75	22.5	2.16	24.6	2.58	25.4	2.74	26.1	2.82	27.5	2.86	28.2	2.88
	14	18.9	1.81	22.5	2.23	24.6	2.68	25.4	2.84	26.1	2.93	27.5	2.97	28.2	2.99
	16	18.9	1.87	22.5	2.32	24.6	2.79	25.4	2.95	26.1	3.06	27.5	3.10	28.2	3.12
	18	18.9	1.95	22.5	2.43	24.6	2.90	25.4	3.10	26.1	3.22	27.5	3.25	28.2	3.28
	20	18.9	2.02	22.5	2.57	24.6	3.05	25.4	3.26	26.1	3.39	27.5	3.43	28.2	3.46
	21	18.9	2.08	22.5	2.66	24.6	3.14	25.4	3.36	26.1	3.50	27.5	3.54	28.2	3.57
	23	18.9	2.22	22.5	2.85	24.6	3.36	25.4	3.57	26.1	3.73	27.5	3.77	28.2	3.80
	25	18.9	2.38	22.5	3.05	24.6	3.55	25.4	3.80	26.1	4.00	27.2	4.03	27.9	4.07
	27	18.9	2.54	22.5	3.27	24.6	3.78	25.4	4.07	26.1	4.30	26.8	4.33	27.5	4.36
	29	18.9	2.71	22.5	3.49	24.6	3.97	25.4	4.35	25.7	4.58	26.4	4.65	27.1	4.69
	31	18.9	2.88	22.5	3.72	24.6	4.18	25.0	4.66	25.4	4.92	26.0	5.00	26.7	5.04
	33	18.9	3.07	22.5	3.97	24.3	4.42	24.6	5.06	24.9	5.28	25.6	5.34	26.3	5.38
	35	18.9	3.27	22.5	4.23	23.9	4.68	24.2	5.57	24.6	5.60	25.3	5.62	25.9	5.66
	37	18.9	3.51	22.5	4.46	23.5	4.99	23.9	5.46	24.2	5.48	24.9	5.50	25.5	5.54
	39	18.9	3.78	22.4	4.72	23.1	5.29	23.4	5.34	23.8	5.37	24.5	5.39	25.2	5.43
	41	18.5	4.05	21.5	4.97	22.2	5.19	22.5	5.23	22.8	5.26	23.5	5.27	24.2	5.32
	43	18.0	4.32	20.6	4.90	21.3	5.07	21.6	5.12	21.9	5.15	22.5	5.16	23.2	5.20
46	16.9	4.65	18.7	4.78	19.4	4.91	19.7	4.95	20.0	4.98	20.6	4.99	21.2	5.03	
48	14.9	4.55	16.3	4.70	16.9	4.82	17.1	4.84	17.4	4.86	17.9	4.88	18.5	4.90	
110	10	17.3	1.53	20.7	1.87	23.1	2.22	23.7	2.40	25.2	2.58	25.8	2.65	27.6	2.70
	12	17.3	1.58	20.7	1.93	23.1	2.31	23.7	2.47	25.2	2.68	25.8	2.76	27.6	2.83
	14	17.3	1.63	20.7	2.02	23.1	2.41	23.7	2.59	25.2	2.81	25.8	2.89	27.6	2.95
	16	17.3	1.69	20.7	2.09	23.1	2.51	23.7	2.70	25.2	2.94	25.8	3.02	27.6	3.08
	18	17.3	1.75	20.7	2.18	23.1	2.66	23.7	2.84	25.2	3.10	25.8	3.17	27.6	3.22
	20	17.3	1.81	20.7	2.28	23.1	2.82	23.7	2.98	25.2	3.25	25.8	3.33	27.6	3.39
	21	17.3	1.85	20.7	2.35	23.1	2.89	23.7	3.05	25.2	3.35	25.8	3.43	27.6	3.48
	23	17.3	1.97	20.7	2.52	23.1	3.05	23.7	3.23	25.2	3.53	25.8	3.61	27.6	3.67
	25	17.3	2.11	20.7	2.69	23.1	3.22	23.7	3.41	25.2	3.73	25.8	3.79	27.2	3.86
	27	17.3	2.25	20.7	2.88	23.1	3.41	23.7	3.61	25.2	3.90	25.8	3.99	26.8	4.06
	29	17.3	2.40	20.7	3.07	23.1	3.60	23.7	3.82	25.2	4.12	25.8	4.19	26.5	4.26
	31	17.3	2.55	20.7	3.27	23.1	3.80	23.7	4.05	24.8	4.33	25.5	4.42	26.1	4.46
	33	17.3	2.72	20.7	3.49	23.1	4.02	23.7	4.29	24.5	4.57	25.1	4.65	25.7	4.67
	35	17.3	2.89	20.7	3.72	23.1	4.24	23.7	4.55	24.1	4.83	24.7	4.87	25.3	4.89
	37	17.3	3.07	20.7	3.95	23.1	4.48	23.4	4.82	23.7	5.09	24.3	5.11	24.9	5.12
	39	17.3	3.31	20.7	4.20	22.7	4.73	23.0	5.15	23.3	5.34	23.9	5.35	24.6	5.36
	41	16.9	3.55	20.1	4.45	21.7	4.98	22.0	5.57	22.3	5.57	23.0	5.62	23.5	5.66
	43	16.5	3.72	19.6	4.63	20.8	5.29	21.1	5.35	21.4	5.33	22.0	5.36	22.6	5.38
46	15.4	3.63	18.4	4.47	19.0	5.02	19.3	5.02	19.5	5.06	20.1	5.09	20.7	5.10	
48	13.7	3.53	16.0	4.31	16.5	4.77	16.8	4.81	17.0	4.83	17.5	4.84	18.0	4.86	

7. Capacity Tables

Cooling Capacity (8HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI	TC	PI	
100	10	15.1	1.38	18.0	1.68	21.0	1.99	22.4	2.15	23.8	2.31	26.4	2.57	27.0	2.59
	12	15.1	1.42	18.0	1.74	21.0	2.05	22.4	2.21	23.8	2.38	26.4	2.71	27.0	2.73
	14	15.1	1.47	18.0	1.81	21.0	2.14	22.4	2.30	23.8	2.48	26.4	2.86	27.0	2.88
	16	15.1	1.51	18.0	1.87	21.0	2.23	22.4	2.41	23.8	2.62	26.4	3.00	27.0	3.04
	18	15.1	1.56	18.0	1.94	21.0	2.32	22.4	2.53	23.8	2.77	26.4	3.16	27.0	3.19
	20	15.1	1.61	18.0	2.02	21.0	2.45	22.4	2.71	23.8	2.97	26.4	3.32	27.0	3.34
	21	15.1	1.65	18.0	2.06	21.0	2.54	22.4	2.80	23.8	3.08	26.4	3.39	27.0	3.42
	23	15.1	1.74	18.0	2.21	21.0	2.72	22.4	3.00	23.8	3.30	26.4	3.55	27.0	3.58
	25	15.1	1.85	18.0	2.35	21.0	2.91	22.4	3.21	23.8	3.53	26.4	3.70	26.8	3.73
	27	15.1	1.98	18.0	2.51	21.0	3.11	22.4	3.43	23.8	3.75	25.9	3.88	26.5	3.91
	29	15.1	2.11	18.0	2.68	21.0	3.32	22.4	3.67	23.8	3.97	25.4	4.03	26.1	4.07
	31	15.1	2.25	18.0	2.86	21.0	3.54	22.4	3.92	23.8	4.17	25.1	4.19	25.7	4.22
	33	15.1	2.39	18.0	3.05	21.0	3.78	22.4	4.18	23.8	4.33	24.7	4.35	25.3	4.38
	35	15.1	2.54	18.0	3.24	21.0	4.03	22.4	4.46	23.5	4.49	24.2	4.50	24.8	4.54
	37	15.1	2.72	18.0	3.48	21.0	4.27	22.4	4.67	23.1	4.69	23.8	4.71	24.3	4.76
	39	15.1	2.91	18.0	3.73	21.0	4.52	22.4	4.90	22.7	4.92	23.4	4.94	23.9	4.98
	41	14.9	3.11	17.7	3.99	20.6	4.77	21.5	5.13	22.0	5.15	22.5	5.17	23.2	5.21
	43	14.4	3.29	17.1	4.23	19.9	5.00	20.6	5.32	20.8	5.34	21.5	5.36	22.1	5.41
46	13.5	3.54	16.0	4.56	18.7	5.31	18.8	5.57	19.0	5.59	19.6	5.61	20.2	5.66	
48	11.9	3.06	14.2	3.95	16.1	4.54	16.4	4.73	16.5	4.74	17.1	4.75	17.5	4.79	
90	10	13.6	1.17	16.2	1.40	18.9	1.65	20.2	1.78	21.4	1.92	24.1	2.15	26.7	2.39
	12	13.6	1.18	16.2	1.42	18.9	1.68	20.2	1.82	21.4	1.96	24.1	2.19	26.7	2.43
	14	13.6	1.20	16.2	1.45	18.9	1.72	20.2	1.85	21.4	2.00	24.1	2.23	26.7	2.48
	16	13.6	1.22	16.2	1.48	18.9	1.75	20.2	1.89	21.4	2.03	24.1	2.27	26.7	2.52
	18	13.6	1.24	16.2	1.51	18.9	1.78	20.2	1.93	21.4	2.07	24.1	2.32	26.7	2.65
	20	13.6	1.27	16.2	1.54	18.9	1.82	20.2	1.97	21.4	2.15	24.1	2.48	26.7	2.77
	21	13.6	1.28	16.2	1.55	18.9	1.85	20.2	2.03	21.4	2.23	24.1	2.53	26.7	2.84
	23	13.6	1.31	16.2	1.62	18.9	1.98	20.2	2.18	21.4	2.39	24.1	2.68	26.4	2.97
	25	13.6	1.37	16.2	1.72	18.9	2.12	20.2	2.33	21.4	2.55	24.1	2.86	26.0	3.10
	27	13.6	1.47	16.2	1.84	18.9	2.26	20.2	2.49	21.4	2.73	24.1	3.04	25.6	3.24
	29	13.6	1.55	16.2	1.96	18.9	2.42	20.2	2.66	21.4	2.92	24.1	3.22	25.2	3.37
	31	13.6	1.65	16.2	2.09	18.9	2.57	20.2	2.83	21.4	3.11	24.1	3.39	24.8	3.50
	33	13.6	1.76	16.2	2.22	18.9	2.75	20.2	3.02	21.4	3.30	24.1	3.55	24.4	3.63
	35	13.6	1.87	16.2	2.36	18.9	2.92	20.2	3.22	21.4	3.50	23.7	3.75	24.1	3.84
	37	13.6	1.98	16.2	2.51	18.9	3.11	20.2	3.42	21.4	3.69	23.3	3.92	23.7	4.01
	39	13.6	2.10	16.2	2.67	18.9	3.29	20.2	3.64	21.4	3.88	22.9	4.14	23.3	4.19
	41	13.3	2.35	15.8	2.96	18.4	3.61	19.6	3.98	20.9	4.19	21.9	4.36	22.3	4.46
	43	12.9	2.53	15.4	3.20	17.9	3.95	19.2	4.28	20.4	4.50	21.0	4.67	21.4	4.72
46	12.1	2.85	14.5	3.64	16.8	4.50	18.0	4.86	18.5	4.99	19.2	5.12	19.6	5.13	
48	10.7	2.49	12.8	3.19	14.9	3.94	15.9	4.24	16.1	4.30	16.7	4.41	17.0	4.42	
80	10	12.1	0.99	14.4	1.19	16.7	1.40	17.9	1.51	19.1	1.62	21.4	1.84	23.8	2.00
	12	12.1	1.01	14.4	1.20	16.7	1.42	17.9	1.53	19.1	1.64	21.4	1.88	23.8	2.04
	14	12.1	1.02	14.4	1.23	16.7	1.44	17.9	1.56	19.1	1.67	21.4	1.91	23.8	2.08
	16	12.1	1.04	14.4	1.25	16.7	1.47	17.9	1.59	19.1	1.70	21.4	1.95	23.8	2.12
	18	12.1	1.06	14.4	1.27	16.7	1.50	17.9	1.62	19.1	1.74	21.4	1.99	23.8	2.16
	20	12.1	1.08	14.4	1.30	16.7	1.53	17.9	1.65	19.1	1.77	21.4	2.06	23.8	2.29
	21	12.1	1.09	14.4	1.31	16.7	1.55	17.9	1.67	19.1	1.81	21.4	2.13	23.8	2.35
	23	12.1	1.11	14.4	1.33	16.7	1.62	17.9	1.77	19.1	1.94	21.4	2.25	23.8	2.47
	25	12.1	1.15	14.4	1.42	16.7	1.73	17.9	1.90	19.1	2.08	21.4	2.40	23.8	2.64
	27	12.1	1.22	14.4	1.51	16.7	1.85	17.9	2.03	19.1	2.21	21.4	2.55	23.8	2.78
	29	12.1	1.29	14.4	1.62	16.7	1.97	17.9	2.16	19.1	2.36	21.4	2.74	23.8	2.98
	31	12.1	1.37	14.4	1.71	16.7	2.10	17.9	2.30	19.1	2.52	21.4	2.90	23.8	3.12
	33	12.1	1.46	14.4	1.83	16.7	2.23	17.9	2.45	19.1	2.68	21.4	3.06	23.8	3.28
	35	12.1	1.55	14.4	1.94	16.7	2.38	17.9	2.61	19.1	2.86	21.4	3.24	23.5	3.39
	37	12.1	1.64	14.4	2.06	16.7	2.52	17.9	2.78	19.1	3.04	21.4	3.42	23.1	3.55
	39	12.1	1.73	14.4	2.18	16.7	2.70	17.9	2.98	19.1	3.26	21.4	3.62	22.7	3.74
	41	11.8	1.91	14.0	2.41	16.3	2.96	17.5	3.27	18.6	3.59	20.9	4.03	21.8	4.15
	43	11.5	2.11	13.7	2.63	15.9	3.23	17.0	3.57	18.2	3.92	20.4	4.31	20.9	4.44
46	10.8	2.34	12.8	2.97	14.9	3.64	16.0	3.97	17.0	4.42	18.6	4.70	19.1	4.78	
48	9.5	2.05	11.3	2.59	13.2	3.19	14.1	3.47	15.1	3.87	16.2	4.07	16.6	4.11	

7. Capacity Tables

Cooling Capacity (8HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI	TC	PI	
70	10	10.6	0.88	12.6	1.05	14.6	1.21	15.7	1.31	16.7	1.40	18.7	1.59	20.8	1.78
	12	10.6	0.89	12.6	1.06	14.6	1.24	15.7	1.33	16.7	1.43	18.7	1.62	20.8	1.82
	14	10.6	0.91	12.6	1.07	14.6	1.26	15.7	1.35	16.7	1.45	18.7	1.66	20.8	1.85
	16	10.6	0.92	12.6	1.10	14.6	1.28	15.7	1.38	16.7	1.48	18.7	1.69	20.8	1.89
	18	10.6	0.94	12.6	1.12	14.6	1.31	15.7	1.41	16.7	1.50	18.7	1.71	20.8	1.92
	20	10.6	0.95	12.6	1.14	14.6	1.33	15.7	1.44	16.7	1.54	18.7	1.75	20.8	2.00
	21	10.6	0.96	12.6	1.14	14.6	1.35	15.7	1.45	16.7	1.55	18.7	1.78	20.8	2.04
	23	10.6	0.98	12.6	1.17	14.6	1.37	15.7	1.50	16.7	1.63	18.7	1.91	20.8	2.15
	25	10.6	0.99	12.6	1.21	14.6	1.46	15.7	1.60	16.7	1.74	18.7	2.04	20.8	2.26
	27	10.6	1.05	12.6	1.30	14.6	1.56	15.7	1.70	16.7	1.86	18.7	2.18	20.8	2.40
	29	10.6	1.12	12.6	1.37	14.6	1.66	15.7	1.81	16.7	1.98	18.7	2.32	20.8	2.57
	31	10.6	1.19	12.6	1.46	14.6	1.77	15.7	1.93	16.7	2.11	18.7	2.48	20.8	2.73
	33	10.6	1.26	12.6	1.55	14.6	1.88	15.7	2.05	16.7	2.24	18.7	2.64	20.8	2.90
	35	10.6	1.32	12.6	1.65	14.6	2.00	15.7	2.18	16.7	2.39	18.7	2.81	20.8	3.08
	37	10.6	1.41	12.6	1.75	14.6	2.12	15.7	2.32	16.7	2.54	18.7	2.99	20.8	3.25
	39	10.6	1.49	12.6	1.86	14.6	2.27	15.7	2.50	16.7	2.74	18.7	3.20	20.8	3.50
41	10.3	1.65	12.3	2.04	14.3	2.49	15.3	2.74	16.3	2.98	18.2	3.51	20.3	3.78	
43	10.0	1.80	12.0	2.23	13.9	2.72	14.9	2.99	15.9	3.25	17.8	3.84	19.8	4.09	
46	9.4	2.00	11.3	2.50	13.0	3.06	14.0	3.33	14.9	3.67	16.7	4.33	18.5	4.55	
48	8.3	1.74	10.0	2.19	11.5	2.67	12.4	2.91	13.2	3.21	14.7	3.79	16.4	3.94	
60	10	9.0	0.77	10.8	0.90	12.6	1.05	13.4	1.13	14.3	1.20	16.1	1.36	17.8	1.52
	12	9.0	0.78	10.8	0.92	12.6	1.06	13.4	1.14	14.3	1.22	16.1	1.38	17.8	1.55
	14	9.0	0.79	10.8	0.93	12.6	1.08	13.4	1.16	14.3	1.24	16.1	1.41	17.8	1.57
	16	9.0	0.80	10.8	0.95	12.6	1.10	13.4	1.18	14.3	1.27	16.1	1.43	17.8	1.60
	18	9.0	0.82	10.8	0.97	12.6	1.12	13.4	1.20	14.3	1.29	16.1	1.46	17.8	1.64
	20	9.0	0.83	10.8	0.98	12.6	1.14	13.4	1.22	14.3	1.31	16.1	1.48	17.8	1.67
	21	9.0	0.84	10.8	0.99	12.6	1.15	13.4	1.24	14.3	1.32	16.1	1.50	17.8	1.69
	23	9.0	0.85	10.8	1.01	12.6	1.17	13.4	1.26	14.3	1.35	16.1	1.56	17.8	1.79
	25	9.0	0.87	10.8	1.03	12.6	1.22	13.4	1.32	14.3	1.43	16.1	1.67	17.8	1.92
	27	9.0	0.90	10.8	1.08	12.6	1.29	13.4	1.41	14.3	1.53	16.1	1.77	17.8	2.04
	29	9.0	0.95	10.8	1.15	12.6	1.38	13.4	1.50	14.3	1.62	16.1	1.89	17.8	2.18
	31	9.0	1.01	10.8	1.22	12.6	1.46	13.4	1.60	14.3	1.73	16.1	2.02	17.8	2.32
	33	9.0	1.06	10.8	1.29	12.6	1.55	13.4	1.69	14.3	1.84	16.1	2.14	17.8	2.48
	35	9.0	1.13	10.8	1.38	12.6	1.65	13.4	1.80	14.3	1.95	16.1	2.28	17.8	2.63
	37	9.0	1.19	10.8	1.45	12.6	1.75	13.4	1.91	14.3	2.07	16.1	2.42	17.8	2.80
	39	9.0	1.26	10.8	1.55	12.6	1.89	13.4	2.05	14.3	2.23	16.1	2.60	17.8	3.00
41	8.8	1.37	10.5	1.69	12.2	2.05	13.1	2.24	14.0	2.42	15.7	2.85	17.4	3.26	
43	8.6	1.49	10.3	1.85	11.9	2.24	12.8	2.44	13.6	2.64	15.3	3.11	17.0	3.56	
46	8.1	1.67	9.6	2.07	11.2	2.51	12.0	2.74	12.8	2.97	14.3	3.50	15.9	4.06	
48	7.1	1.45	8.5	1.81	9.9	2.20	10.6	2.40	11.3	2.59	12.7	3.06	14.1	3.55	
50	10	7.6	0.67	9.0	0.78	10.5	0.88	11.2	0.95	11.9	1.00	13.4	1.13	14.9	1.26
	12	7.6	0.68	9.0	0.78	10.5	0.90	11.2	0.96	11.9	1.02	13.4	1.15	14.9	1.28
	14	7.6	0.68	9.0	0.80	10.5	0.91	11.2	0.97	11.9	1.04	13.4	1.16	14.9	1.30
	16	7.6	0.70	9.0	0.81	10.5	0.92	11.2	1.00	11.9	1.05	13.4	1.19	14.9	1.32
	18	7.6	0.71	9.0	0.82	10.5	0.94	11.2	1.01	11.9	1.07	13.4	1.21	14.9	1.35
	20	7.6	0.71	9.0	0.83	10.5	0.96	11.2	1.02	11.9	1.09	13.4	1.23	14.9	1.38
	21	7.6	0.72	9.0	0.84	10.5	0.97	11.2	1.04	11.9	1.10	13.4	1.24	14.9	1.39
	23	7.6	0.73	9.0	0.85	10.5	0.98	11.2	1.05	11.9	1.12	13.4	1.26	14.9	1.42
	25	7.6	0.74	9.0	0.87	10.5	1.00	11.2	1.07	11.9	1.16	13.4	1.33	14.9	1.52
	27	7.6	0.76	9.0	0.90	10.5	1.06	11.2	1.14	11.9	1.23	13.4	1.42	14.9	1.62
	29	7.6	0.80	9.0	0.95	10.5	1.12	11.2	1.21	11.9	1.31	13.4	1.50	14.9	1.72
	31	7.6	0.84	9.0	1.01	10.5	1.19	11.2	1.28	11.9	1.39	13.4	1.60	14.9	1.83
	33	7.6	0.89	9.0	1.07	10.5	1.26	11.2	1.36	11.9	1.48	13.4	1.70	14.9	1.95
	35	7.6	0.94	9.0	1.13	10.5	1.33	11.2	1.45	11.9	1.56	13.4	1.80	14.9	2.07
	37	7.6	1.00	9.0	1.19	10.5	1.41	11.2	1.53	11.9	1.65	13.4	1.92	14.9	2.20
	39	7.6	1.06	9.0	1.28	10.5	1.51	11.2	1.65	11.9	1.77	13.4	2.04	14.9	2.37
41	7.4	1.15	8.8	1.38	10.2	1.65	10.9	1.79	11.6	1.92	13.0	2.24	14.5	2.57	
43	7.2	1.25	8.6	1.51	10.0	1.80	10.6	1.94	11.3	2.09	12.7	2.44	14.1	2.81	
46	6.7	1.40	8.1	1.69	9.3	2.02	10.0	2.18	10.6	2.35	11.9	2.75	13.3	3.16	
48	6.0	1.22	7.1	1.47	8.3	1.76	8.8	1.91	9.4	2.05	10.5	2.40	11.7	2.76	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM100BTE5

Cooling Capacity (10HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI			
130	10	25.6	2.30	30.5	2.82	32.7	3.27	33.6	3.33	34.6	3.36	36.2	3.39	37.2	3.40
	12	25.6	2.36	30.5	2.92	32.7	3.40	33.6	3.42	34.6	3.45	36.2	3.48	37.2	3.51
	14	25.6	2.44	30.5	3.02	32.7	3.53	33.6	3.55	34.6	3.58	36.2	3.61	37.2	3.64
	16	25.6	2.53	30.5	3.13	32.7	3.69	33.6	3.72	34.6	3.75	36.2	3.78	37.2	3.81
	18	25.6	2.63	30.5	3.31	32.7	3.86	33.6	3.94	34.6	3.97	36.2	4.01	37.2	4.04
	20	25.6	2.75	30.5	3.52	32.7	4.05	33.6	4.33	34.6	4.37	35.7	4.41	36.6	4.44
	21	25.6	2.82	30.5	3.65	32.7	4.13	33.6	4.58	34.6	4.62	35.5	4.67	36.4	4.70
	23	25.6	3.03	30.5	3.84	32.7	4.35	33.6	5.06	34.1	5.10	35.0	5.15	35.9	5.18
	25	25.6	3.24	30.5	4.06	32.7	4.64	33.2	5.61	33.6	5.65	34.6	5.71	35.5	5.75
	27	25.6	3.46	30.5	4.34	32.3	4.95	32.7	6.18	33.2	6.23	34.1	6.29	35.0	6.33
	29	25.6	3.69	30.5	4.64	31.7	5.32	32.2	6.79	32.7	6.83	33.6	6.89	34.6	6.92
	31	25.6	3.94	30.4	4.88	31.2	5.66	31.7	6.76	32.2	6.80	33.1	6.86	34.0	6.89
	33	25.6	4.19	29.9	5.18	30.8	6.07	31.3	6.70	31.7	6.74	32.7	6.80	33.5	6.82
	35	25.6	4.47	29.3	5.42	30.3	6.58	30.8	6.61	31.3	6.65	32.2	6.71	33.1	6.74
	37	25.6	4.77	28.9	5.69	29.9	6.49	30.3	6.52	30.8	6.56	31.6	6.62	32.6	6.65
	39	25.6	5.08	28.4	5.99	29.3	6.40	29.9	6.44	30.3	6.47	31.2	6.53	32.2	6.56
	41	24.9	5.39	27.2	6.29	28.2	6.32	28.6	6.35	29.1	6.39	30.0	6.44	30.8	6.47
	43	24.3	5.68	26.1	6.20	27.0	6.23	27.4	6.26	28.0	6.30	28.8	6.35	29.6	6.38
46	22.8	6.08	23.8	6.07	24.7	6.10	25.1	6.13	25.6	6.17	26.4	6.22	27.1	6.25	
48	20.2	5.91	20.7	5.93	21.4	5.94	21.8	5.96	22.3	6.01	23.0	6.05	23.6	6.07	
120	10	23.7	2.07	28.2	2.54	30.8	3.02	31.7	3.26	32.6	3.31	34.4	3.33	35.3	3.35
	12	23.7	2.13	28.2	2.63	30.8	3.14	31.7	3.33	32.6	3.44	34.4	3.48	35.3	3.51
	14	23.7	2.20	28.2	2.72	30.8	3.27	31.7	3.46	32.6	3.56	34.4	3.62	35.3	3.64
	16	23.7	2.28	28.2	2.83	30.8	3.39	31.7	3.59	32.6	3.73	34.4	3.77	35.3	3.80
	18	23.7	2.37	28.2	2.95	30.8	3.53	31.7	3.78	32.6	3.92	34.4	3.96	35.3	4.00
	20	23.7	2.46	28.2	3.13	30.8	3.72	31.7	3.97	32.6	4.13	34.4	4.18	35.3	4.21
	21	23.7	2.53	28.2	3.25	30.8	3.82	31.7	4.09	32.6	4.26	34.4	4.32	35.3	4.35
	23	23.7	2.71	28.2	3.47	30.8	4.10	31.7	4.35	32.6	4.54	34.4	4.59	35.3	4.63
	25	23.7	2.90	28.2	3.72	30.8	4.32	31.7	4.63	32.6	4.87	34.0	4.91	34.8	4.95
	27	23.7	3.09	28.2	3.98	30.8	4.60	31.7	4.95	32.6	5.24	33.5	5.27	34.3	5.31
	29	23.7	3.30	28.2	4.25	30.8	4.84	31.7	5.30	32.1	5.58	33.0	5.67	33.9	5.71
	31	23.7	3.51	28.2	4.53	30.8	5.09	31.3	5.68	31.7	5.99	32.5	6.09	33.4	6.14
	33	23.7	3.74	28.2	4.83	30.4	5.38	30.8	6.16	31.2	6.43	32.0	6.50	32.9	6.55
	35	23.7	3.98	28.2	5.15	29.8	5.70	30.2	6.79	30.8	6.82	31.6	6.84	32.4	6.90
	37	23.7	4.28	28.2	5.44	29.4	6.08	29.8	6.64	30.2	6.68	31.1	6.70	31.9	6.75
	39	23.7	4.61	28.1	5.75	28.9	6.44	29.3	6.51	29.7	6.54	30.7	6.56	31.5	6.61
	41	23.1	4.93	26.8	6.05	27.7	6.32	28.1	6.37	28.5	6.40	29.4	6.42	30.2	6.47
	43	22.5	5.27	25.7	5.97	26.6	6.18	27.0	6.24	27.4	6.27	28.2	6.29	29.0	6.34
46	21.1	5.66	23.4	5.83	24.3	5.98	24.6	6.03	25.0	6.06	25.8	6.08	26.5	6.13	
48	18.7	5.55	20.3	5.72	21.1	5.86	21.4	5.90	21.8	5.92	22.4	5.94	23.1	5.97	
110	10	21.7	1.86	25.8	2.27	28.9	2.70	29.7	2.92	31.6	3.14	32.3	3.23	34.5	3.28
	12	21.7	1.92	25.8	2.35	28.9	2.81	29.7	3.00	31.6	3.26	32.3	3.37	34.5	3.44
	14	21.7	1.98	25.8	2.45	28.9	2.94	29.7	3.15	31.6	3.43	32.3	3.52	34.5	3.60
	16	21.7	2.05	25.8	2.54	28.9	3.06	29.7	3.29	31.6	3.58	32.3	3.68	34.5	3.75
	18	21.7	2.13	25.8	2.65	28.9	3.24	29.7	3.46	31.6	3.78	32.3	3.86	34.5	3.93
	20	21.7	2.20	25.8	2.78	28.9	3.43	29.7	3.62	31.6	3.96	32.3	4.06	34.5	4.13
	21	21.7	2.25	25.8	2.86	28.9	3.52	29.7	3.72	31.6	4.07	32.3	4.18	34.5	4.24
	23	21.7	2.40	25.8	3.07	28.9	3.72	29.7	3.93	31.6	4.30	32.3	4.40	34.5	4.47
	25	21.7	2.57	25.8	3.28	28.9	3.93	29.7	4.15	31.6	4.55	32.3	4.61	34.0	4.71
	27	21.7	2.74	25.8	3.50	28.9	4.15	29.7	4.40	31.6	4.75	32.3	4.86	33.5	4.94
	29	21.7	2.93	25.8	3.74	28.9	4.38	29.7	4.65	31.6	5.02	32.3	5.11	33.1	5.18
	31	21.7	3.11	25.8	3.99	28.9	4.63	29.7	4.93	31.0	5.27	31.9	5.38	32.6	5.43
	33	21.7	3.32	25.8	4.25	28.9	4.89	29.7	5.23	30.6	5.57	31.4	5.66	32.2	5.69
	35	21.7	3.52	25.8	4.53	28.9	5.17	29.7	5.54	30.1	5.88	30.8	5.93	31.7	5.96
	37	21.7	3.73	25.8	4.81	28.9	5.46	29.3	5.87	29.6	6.20	30.4	6.22	31.1	6.24
	39	21.7	4.03	25.8	5.11	28.3	5.76	28.7	6.28	29.2	6.51	29.9	6.52	30.7	6.52
	41	21.1	4.32	25.2	5.41	27.1	6.07	27.5	6.79	27.9	6.79	28.7	6.84	29.4	6.90
	43	20.6	4.53	24.5	5.64	26.0	6.44	26.4	6.51	26.8	6.50	27.5	6.53	28.2	6.55
46	19.3	4.43	23.0	5.45	23.7	6.11	24.1	6.11	24.4	6.16	25.2	6.20	25.8	6.21	
48	17.1	4.30	20.0	5.25	20.6	5.81	21.0	5.85	21.2	5.88	21.9	5.90	22.5	5.92	

7. Capacity Tables

Cooling Capacity (10HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	18.9	1.68	22.5	2.04	26.2	2.42	28.0	2.62	29.8	2.81	33.0	3.13	33.8	3.15
	12	18.9	1.73	22.5	2.12	26.2	2.50	28.0	2.69	29.8	2.90	33.0	3.30	33.8	3.33
	14	18.9	1.79	22.5	2.21	26.2	2.61	28.0	2.80	29.8	3.02	33.0	3.48	33.8	3.51
	16	18.9	1.84	22.5	2.28	26.2	2.72	28.0	2.93	29.8	3.19	33.0	3.65	33.8	3.70
	18	18.9	1.90	22.5	2.37	26.2	2.82	28.0	3.08	29.8	3.38	33.0	3.85	33.8	3.89
	20	18.9	1.96	22.5	2.46	26.2	2.99	28.0	3.30	29.8	3.62	33.0	4.04	33.8	4.07
	21	18.9	2.00	22.5	2.51	26.2	3.09	28.0	3.41	29.8	3.75	33.0	4.13	33.8	4.16
	23	18.9	2.12	22.5	2.69	26.2	3.32	28.0	3.66	29.8	4.02	33.0	4.33	33.8	4.36
	25	18.9	2.26	22.5	2.86	26.2	3.54	28.0	3.92	29.8	4.30	33.0	4.51	33.5	4.55
	27	18.9	2.41	22.5	3.06	26.2	3.79	28.0	4.18	29.8	4.57	32.4	4.72	33.1	4.76
	29	18.9	2.57	22.5	3.27	26.2	4.05	28.0	4.47	29.8	4.83	31.8	4.91	32.6	4.95
	31	18.9	2.74	22.5	3.48	26.2	4.32	28.0	4.77	29.8	5.08	31.3	5.10	32.1	5.14
	33	18.9	2.91	22.5	3.71	26.2	4.61	28.0	5.09	29.8	5.27	30.8	5.29	31.6	5.34
	35	18.9	3.09	22.5	3.95	26.2	4.90	28.0	5.43	29.3	5.46	30.3	5.48	31.0	5.53
	37	18.9	3.31	22.5	4.23	26.2	5.20	28.0	5.69	28.9	5.72	29.7	5.74	30.4	5.79
	39	18.9	3.55	22.5	4.55	26.2	5.51	28.0	5.97	28.4	5.99	29.2	6.02	29.9	6.07
	41	18.6	3.79	22.1	4.86	25.8	5.82	26.9	6.24	27.5	6.27	28.1	6.29	29.0	6.35
	43	18.0	4.01	21.4	5.15	24.9	6.09	25.8	6.48	26.1	6.51	26.9	6.53	27.6	6.59
46	16.8	4.31	20.0	5.56	23.3	6.46	23.5	6.79	23.8	6.81	24.5	6.83	25.2	6.89	
48	14.9	3.72	17.7	4.81	20.1	5.53	20.4	5.76	20.7	5.78	21.3	5.79	21.9	5.84	
90	10	17.0	1.45	20.3	1.74	23.6	2.05	25.2	2.21	26.8	2.38	30.1	2.67	33.4	2.97
	12	17.0	1.47	20.3	1.77	23.6	2.09	25.2	2.26	26.8	2.44	30.1	2.72	33.4	3.02
	14	17.0	1.49	20.3	1.81	23.6	2.13	25.2	2.30	26.8	2.48	30.1	2.77	33.4	3.08
	16	17.0	1.52	20.3	1.84	23.6	2.18	25.2	2.35	26.8	2.53	30.1	2.83	33.4	3.13
	18	17.0	1.55	20.3	1.88	23.6	2.21	25.2	2.40	26.8	2.58	30.1	2.89	33.4	3.29
	20	17.0	1.57	20.3	1.91	23.6	2.26	25.2	2.45	26.8	2.68	30.1	3.09	33.4	3.45
	21	17.0	1.59	20.3	1.93	23.6	2.30	25.2	2.53	26.8	2.77	30.1	3.14	33.4	3.53
	23	17.0	1.63	20.3	2.01	23.6	2.46	25.2	2.71	26.8	2.97	30.1	3.33	32.9	3.69
	25	17.0	1.71	20.3	2.14	23.6	2.63	25.2	2.90	26.8	3.17	30.1	3.56	32.5	3.85
	27	17.0	1.82	20.3	2.29	23.6	2.81	25.2	3.09	26.8	3.40	30.1	3.79	32.0	4.03
	29	17.0	1.93	20.3	2.44	23.6	3.01	25.2	3.31	26.8	3.63	30.1	4.01	31.5	4.19
	31	17.0	2.05	20.3	2.60	23.6	3.20	25.2	3.52	26.8	3.87	30.1	4.21	31.0	4.36
	33	17.0	2.19	20.3	2.77	23.6	3.41	25.2	3.75	26.8	4.10	30.1	4.41	30.6	4.52
	35	17.0	2.32	20.3	2.93	23.6	3.63	25.2	4.00	26.8	4.35	29.6	4.67	30.1	4.77
	37	17.0	2.46	20.3	3.12	23.6	3.87	25.2	4.25	26.8	4.59	29.1	4.88	29.6	4.99
	39	17.0	2.61	20.3	3.32	23.6	4.09	25.2	4.52	26.8	4.83	28.6	5.14	29.1	5.21
	41	16.6	2.92	19.8	3.68	23.0	4.49	24.6	4.95	26.1	5.21	27.4	5.42	27.9	5.55
	43	16.2	3.15	19.3	3.98	22.4	4.91	23.9	5.33	25.5	5.59	26.3	5.81	26.8	5.88
46	15.1	3.55	18.1	4.53	21.0	5.59	22.4	6.04	23.1	6.21	24.0	6.37	24.5	6.38	
48	13.4	3.10	16.0	3.96	18.6	4.89	19.9	5.27	20.1	5.35	20.9	5.49	21.3	5.49	
80	10	15.1	1.25	18.0	1.50	20.9	1.76	22.4	1.90	23.9	2.04	26.8	2.33	29.7	2.53
	12	15.1	1.28	18.0	1.52	20.9	1.80	22.4	1.94	23.9	2.07	26.8	2.37	29.7	2.58
	14	15.1	1.29	18.0	1.55	20.9	1.82	22.4	1.97	23.9	2.11	26.8	2.41	29.7	2.63
	16	15.1	1.31	18.0	1.58	20.9	1.86	22.4	2.00	23.9	2.15	26.8	2.46	29.7	2.68
	18	15.1	1.34	18.0	1.61	20.9	1.89	22.4	2.04	23.9	2.20	26.8	2.51	29.7	2.73
	20	15.1	1.36	18.0	1.64	20.9	1.94	22.4	2.08	23.9	2.24	26.8	2.60	29.7	2.90
	21	15.1	1.37	18.0	1.66	20.9	1.95	22.4	2.11	23.9	2.29	26.8	2.69	29.7	2.97
	23	15.1	1.40	18.0	1.68	20.9	2.04	22.4	2.24	23.9	2.45	26.8	2.84	29.7	3.12
	25	15.1	1.45	18.0	1.80	20.9	2.19	22.4	2.40	23.9	2.62	26.8	3.03	29.7	3.34
	27	15.1	1.54	18.0	1.91	20.9	2.33	22.4	2.56	23.9	2.79	26.8	3.22	29.7	3.51
	29	15.1	1.63	18.0	2.04	20.9	2.48	22.4	2.73	23.9	2.99	26.8	3.46	29.7	3.76
	31	15.1	1.74	18.0	2.16	20.9	2.65	22.4	2.91	23.9	3.18	26.8	3.67	29.7	3.95
	33	15.1	1.84	18.0	2.31	20.9	2.82	22.4	3.10	23.9	3.38	26.8	3.86	29.7	4.14
	35	15.1	1.95	18.0	2.45	20.9	3.00	22.4	3.30	23.9	3.61	26.8	4.10	29.4	4.29
	37	15.1	2.07	18.0	2.60	20.9	3.19	22.4	3.51	23.9	3.84	26.8	4.32	28.9	4.48
	39	15.1	2.18	18.0	2.75	20.9	3.41	22.4	3.77	23.9	4.12	26.8	4.57	28.4	4.73
	41	14.7	2.41	17.5	3.05	20.4	3.74	21.8	4.13	23.3	4.53	26.1	5.08	27.2	5.24
	43	14.3	2.66	17.1	3.33	19.9	4.08	21.3	4.50	22.7	4.95	25.5	5.44	26.1	5.61
46	13.4	2.96	16.0	3.75	18.6	4.60	19.9	5.01	21.3	5.59	23.3	5.94	23.8	6.03	
48	11.9	2.58	14.2	3.28	16.5	4.02	17.6	4.38	18.8	4.89	20.2	5.14	20.7	5.19	

7. Capacity Tables

Cooling Capacity (10HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI	TC	PI	
70	10	13.2	1.13	15.8	1.34	18.3	1.56	19.6	1.68	20.9	1.80	23.4	2.04	26.0	2.29
	12	13.2	1.15	15.8	1.36	18.3	1.59	19.6	1.71	20.9	1.83	23.4	2.08	26.0	2.33
	14	13.2	1.16	15.8	1.38	18.3	1.62	19.6	1.73	20.9	1.86	23.4	2.12	26.0	2.37
	16	13.2	1.18	15.8	1.40	18.3	1.64	19.6	1.77	20.9	1.89	23.4	2.16	26.0	2.42
	18	13.2	1.20	15.8	1.43	18.3	1.68	19.6	1.80	20.9	1.93	23.4	2.20	26.0	2.47
	20	13.2	1.22	15.8	1.46	18.3	1.71	19.6	1.84	20.9	1.97	23.4	2.25	26.0	2.56
	21	13.2	1.24	15.8	1.47	18.3	1.72	19.6	1.86	20.9	1.99	23.4	2.28	26.0	2.61
	23	13.2	1.25	15.8	1.50	18.3	1.76	19.6	1.92	20.9	2.09	23.4	2.44	26.0	2.76
	25	13.2	1.27	15.8	1.56	18.3	1.88	19.6	2.05	20.9	2.23	23.4	2.61	26.0	2.89
	27	13.2	1.34	15.8	1.66	18.3	2.00	19.6	2.18	20.9	2.38	23.4	2.79	26.0	3.08
	29	13.2	1.43	15.8	1.76	18.3	2.12	19.6	2.32	20.9	2.53	23.4	2.98	26.0	3.30
	31	13.2	1.52	15.8	1.88	18.3	2.27	19.6	2.48	20.9	2.70	23.4	3.17	26.0	3.50
	33	13.2	1.61	15.8	1.98	18.3	2.41	19.6	2.63	20.9	2.87	23.4	3.38	26.0	3.72
	35	13.2	1.70	15.8	2.12	18.3	2.56	19.6	2.80	20.9	3.06	23.4	3.60	26.0	3.95
	37	13.2	1.80	15.8	2.24	18.3	2.72	19.6	2.98	20.9	3.25	23.4	3.83	26.0	4.17
	39	13.2	1.92	15.8	2.39	18.3	2.91	19.6	3.20	20.9	3.51	23.4	4.10	26.0	4.49
41	12.9	2.12	15.4	2.62	17.8	3.19	19.1	3.51	20.4	3.82	22.8	4.50	25.3	4.84	
43	12.5	2.31	15.0	2.85	17.4	3.48	18.6	3.83	19.9	4.17	22.2	4.92	24.7	5.24	
46	11.8	2.56	14.1	3.21	16.3	3.92	17.5	4.27	18.6	4.70	20.8	5.55	23.2	5.84	
48	10.4	2.24	12.4	2.80	14.4	3.43	15.4	3.73	16.5	4.11	18.4	4.86	20.5	5.05	
60	10	11.3	1.00	13.5	1.17	15.7	1.36	16.8	1.46	17.9	1.56	20.1	1.76	22.3	1.97
	12	11.3	1.02	13.5	1.19	15.7	1.38	16.8	1.48	17.9	1.58	20.1	1.79	22.3	2.01
	14	11.3	1.03	13.5	1.21	15.7	1.41	16.8	1.51	17.9	1.61	20.1	1.83	22.3	2.05
	16	11.3	1.05	13.5	1.24	15.7	1.43	16.8	1.54	17.9	1.65	20.1	1.87	22.3	2.08
	18	11.3	1.06	13.5	1.26	15.7	1.46	16.8	1.56	17.9	1.67	20.1	1.89	22.3	2.13
	20	11.3	1.08	13.5	1.27	15.7	1.48	16.8	1.59	17.9	1.70	20.1	1.93	22.3	2.17
	21	11.3	1.09	13.5	1.28	15.7	1.50	16.8	1.61	17.9	1.72	20.1	1.96	22.3	2.19
	23	11.3	1.11	13.5	1.31	15.7	1.52	16.8	1.64	17.9	1.76	20.1	2.03	22.3	2.33
	25	11.3	1.13	13.5	1.34	15.7	1.58	16.8	1.72	17.9	1.87	20.1	2.17	22.3	2.49
	27	11.3	1.16	13.5	1.41	15.7	1.68	16.8	1.83	17.9	1.98	20.1	2.30	22.3	2.66
	29	11.3	1.24	13.5	1.50	15.7	1.79	16.8	1.95	17.9	2.11	20.1	2.46	22.3	2.84
	31	11.3	1.31	13.5	1.59	15.7	1.90	16.8	2.07	17.9	2.25	20.1	2.62	22.3	3.02
	33	11.3	1.38	13.5	1.68	15.7	2.02	16.8	2.20	17.9	2.39	20.1	2.78	22.3	3.22
	35	11.3	1.46	13.5	1.79	15.7	2.15	16.8	2.34	17.9	2.54	20.1	2.97	22.3	3.42
	37	11.3	1.55	13.5	1.89	15.7	2.27	16.8	2.48	17.9	2.69	20.1	3.15	22.3	3.64
	39	11.3	1.64	13.5	2.01	15.7	2.46	16.8	2.66	17.9	2.90	20.1	3.38	22.3	3.90
41	11.0	1.78	13.2	2.20	15.3	2.67	16.4	2.91	17.4	3.15	19.6	3.70	21.7	4.24	
43	10.7	1.94	12.8	2.40	14.9	2.91	16.0	3.17	17.0	3.43	19.1	4.04	21.2	4.63	
46	10.1	2.17	12.0	2.69	14.0	3.27	15.0	3.57	15.9	3.86	17.9	4.56	19.9	5.27	
48	8.9	1.89	10.6	2.35	12.4	2.86	13.2	3.11	14.1	3.37	15.8	3.98	17.6	4.61	
50	10	9.5	0.88	11.3	1.02	13.1	1.16	14.0	1.25	14.9	1.32	16.7	1.49	18.6	1.66
	12	9.5	0.89	11.3	1.03	13.1	1.18	14.0	1.27	14.9	1.35	16.7	1.52	18.6	1.68
	14	9.5	0.90	11.3	1.05	13.1	1.20	14.0	1.28	14.9	1.37	16.7	1.54	18.6	1.71
	16	9.5	0.92	11.3	1.07	13.1	1.22	14.0	1.31	14.9	1.39	16.7	1.56	18.6	1.74
	18	9.5	0.93	11.3	1.08	13.1	1.24	14.0	1.33	14.9	1.41	16.7	1.59	18.6	1.78
	20	9.5	0.94	11.3	1.10	13.1	1.27	14.0	1.35	14.9	1.44	16.7	1.62	18.6	1.81
	21	9.5	0.95	11.3	1.11	13.1	1.28	14.0	1.37	14.9	1.45	16.7	1.64	18.6	1.83
	23	9.5	0.97	11.3	1.13	13.1	1.29	14.0	1.39	14.9	1.48	16.7	1.67	18.6	1.87
	25	9.5	0.98	11.3	1.14	13.1	1.32	14.0	1.41	14.9	1.53	16.7	1.75	18.6	2.00
	27	9.5	1.00	11.3	1.18	13.1	1.40	14.0	1.51	14.9	1.62	16.7	1.87	18.6	2.13
	29	9.5	1.05	11.3	1.26	13.1	1.48	14.0	1.60	14.9	1.72	16.7	1.98	18.6	2.26
	31	9.5	1.11	11.3	1.33	13.1	1.57	14.0	1.69	14.9	1.83	16.7	2.11	18.6	2.41
	33	9.5	1.17	11.3	1.41	13.1	1.67	14.0	1.80	14.9	1.95	16.7	2.24	18.6	2.57
	35	9.5	1.24	11.3	1.49	13.1	1.76	14.0	1.91	14.9	2.06	16.7	2.37	18.6	2.73
	37	9.5	1.31	11.3	1.57	13.1	1.86	14.0	2.02	14.9	2.18	16.7	2.53	18.6	2.89
	39	9.5	1.40	11.3	1.69	13.1	1.99	14.0	2.17	14.9	2.34	16.7	2.70	18.6	3.13
41	9.2	1.51	11.0	1.83	12.8	2.18	13.6	2.35	14.5	2.53	16.3	2.96	18.1	3.40	
43	9.0	1.65	10.7	1.99	12.4	2.37	13.3	2.56	14.2	2.76	15.9	3.22	17.7	3.70	
46	8.4	1.84	10.1	2.23	11.7	2.66	12.5	2.88	13.3	3.09	14.9	3.63	16.6	4.17	
48	7.4	1.61	8.9	1.94	10.3	2.32	11.0	2.51	11.7	2.70	13.2	3.17	14.7	3.64	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM120BTE5

Cooling Capacity (12HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI			
130	10	30.7	2.97	36.6	3.63	39.2	4.21	40.3	4.30	41.5	4.33	43.5	4.36	44.6	4.38
	12	30.7	3.04	36.6	3.76	39.2	4.38	40.3	4.41	41.5	4.45	43.5	4.48	44.6	4.52
	14	30.7	3.14	36.6	3.90	39.2	4.55	40.3	4.58	41.5	4.62	43.5	4.65	44.6	4.70
	16	30.7	3.26	36.6	4.03	39.2	4.75	40.3	4.80	41.5	4.83	43.5	4.88	44.6	4.92
	18	30.7	3.40	36.6	4.26	39.2	4.97	40.3	5.08	41.5	5.12	43.5	5.17	44.6	5.20
	20	30.7	3.55	36.6	4.54	39.2	5.22	40.3	5.58	41.5	5.63	42.8	5.69	44.0	5.72
	21	30.7	3.64	36.6	4.70	39.2	5.32	40.3	5.91	41.5	5.96	42.6	6.02	43.7	6.06
	23	30.7	3.91	36.6	4.95	39.2	5.60	40.3	6.52	40.9	6.57	42.0	6.64	43.1	6.68
	25	30.7	4.17	36.6	5.23	39.2	5.99	39.9	7.23	40.3	7.29	41.5	7.36	42.6	7.41
	27	30.7	4.46	36.6	5.59	38.7	6.38	39.2	7.96	39.9	8.03	40.9	8.11	42.0	8.16
	29	30.7	4.76	36.6	5.98	38.1	6.86	38.6	8.75	39.2	8.80	40.3	8.88	41.5	8.92
	31	30.7	5.07	36.5	6.30	37.5	7.30	38.1	8.71	38.6	8.77	39.7	8.84	40.8	8.88
	33	30.7	5.41	35.8	6.67	37.0	7.83	37.6	8.63	38.1	8.69	39.2	8.76	40.2	8.80
	35	30.7	5.76	35.2	6.99	36.3	8.48	37.0	8.52	37.6	8.57	38.6	8.65	39.7	8.68
	37	30.7	6.15	34.7	7.33	35.8	8.37	36.3	8.41	37.0	8.46	38.0	8.53	39.1	8.57
	39	30.7	6.55	34.1	7.72	35.2	8.25	35.8	8.30	36.3	8.35	37.5	8.42	38.6	8.45
	41	29.9	6.94	32.7	8.10	33.8	8.14	34.3	8.18	35.0	8.23	36.0	8.31	37.0	8.34
	43	29.2	7.32	31.3	7.99	32.4	8.03	32.9	8.07	33.6	8.12	34.6	8.19	35.5	8.22
46	27.4	7.84	28.6	7.82	29.6	7.86	30.1	7.90	30.7	7.95	31.7	8.02	32.5	8.05	
48	24.2	7.62	24.8	7.64	25.7	7.66	26.1	7.68	26.7	7.75	27.6	7.80	28.3	7.83	
120	10	28.4	2.67	33.8	3.28	36.9	3.89	38.0	4.21	39.2	4.27	41.3	4.29	42.3	4.32
	12	28.4	2.74	33.8	3.39	36.9	4.05	38.0	4.30	39.2	4.43	41.3	4.48	42.3	4.52
	14	28.4	2.84	33.8	3.50	36.9	4.21	38.0	4.46	39.2	4.59	41.3	4.66	42.3	4.70
	16	28.4	2.94	33.8	3.64	36.9	4.38	38.0	4.62	39.2	4.81	41.3	4.87	42.3	4.90
	18	28.4	3.06	33.8	3.81	36.9	4.55	38.0	4.87	39.2	5.05	41.3	5.11	42.3	5.15
	20	28.4	3.17	33.8	4.04	36.9	4.80	38.0	5.12	39.2	5.32	41.3	5.39	42.3	5.43
	21	28.4	3.27	33.8	4.18	36.9	4.93	38.0	5.27	39.2	5.50	41.3	5.57	42.3	5.61
	23	28.4	3.49	33.8	4.48	36.9	5.28	38.0	5.60	39.2	5.86	41.3	5.92	42.3	5.97
	25	28.4	3.73	33.8	4.80	36.9	5.57	38.0	5.97	39.2	6.28	40.8	6.34	41.8	6.39
	27	28.4	3.98	33.8	5.13	36.9	5.93	38.0	6.38	39.2	6.75	40.2	6.80	41.2	6.85
	29	28.4	4.25	33.8	5.47	36.9	6.24	38.0	6.83	38.5	7.20	39.5	7.30	40.7	7.36
	31	28.4	4.53	33.8	5.84	36.9	6.56	37.5	7.32	38.0	7.72	39.0	7.86	40.0	7.92
	33	28.4	4.82	33.8	6.23	36.4	6.94	36.9	7.94	37.4	8.29	38.4	8.38	39.4	8.45
	35	28.4	5.13	33.8	6.64	35.8	7.35	36.3	8.75	36.9	8.79	37.9	8.82	38.9	8.89
	37	28.4	5.51	33.8	7.01	35.3	7.83	35.8	8.57	36.3	8.61	37.3	8.63	38.3	8.70
	39	28.4	5.94	33.7	7.41	34.7	8.31	35.2	8.39	35.7	8.43	36.8	8.46	37.8	8.52
	41	27.7	6.36	32.2	7.81	33.3	8.14	33.7	8.21	34.2	8.26	35.2	8.28	36.2	8.35
	43	27.0	6.79	30.8	7.69	31.9	7.96	32.4	8.04	32.9	8.08	33.8	8.10	34.8	8.17
46	25.3	7.30	28.1	7.51	29.1	7.71	29.6	7.77	30.0	7.81	30.9	7.84	31.8	7.90	
48	22.4	7.15	24.4	7.38	25.3	7.56	25.7	7.61	26.1	7.63	26.9	7.66	27.7	7.69	
110	10	26.0	2.40	31.0	2.93	34.6	3.48	35.6	3.77	37.9	4.05	38.7	4.17	41.4	4.23
	12	26.0	2.48	31.0	3.03	34.6	3.62	35.6	3.87	37.9	4.20	38.7	4.34	41.4	4.44
	14	26.0	2.56	31.0	3.16	34.6	3.79	35.6	4.06	37.9	4.42	38.7	4.54	41.4	4.64
	16	26.0	2.65	31.0	3.28	34.6	3.94	35.6	4.24	37.9	4.62	38.7	4.75	41.4	4.83
	18	26.0	2.74	31.0	3.42	34.6	4.17	35.6	4.47	37.9	4.87	38.7	4.97	41.4	5.06
	20	26.0	2.84	31.0	3.59	34.6	4.42	35.6	4.67	37.9	5.11	38.7	5.24	41.4	5.32
	21	26.0	2.91	31.0	3.69	34.6	4.54	35.6	4.80	37.9	5.25	38.7	5.39	41.4	5.47
	23	26.0	3.09	31.0	3.96	34.6	4.79	35.6	5.06	37.9	5.55	38.7	5.67	41.4	5.76
	25	26.0	3.31	31.0	4.22	34.6	5.06	35.6	5.35	37.9	5.86	38.7	5.95	40.9	6.07
	27	26.0	3.53	31.0	4.52	34.6	5.35	35.6	5.67	37.9	6.12	38.7	6.26	40.3	6.37
	29	26.0	3.77	31.0	4.82	34.6	5.65	35.6	6.00	37.9	6.47	38.7	6.58	39.7	6.68
	31	26.0	4.01	31.0	5.14	34.6	5.97	35.6	6.36	37.2	6.80	38.2	6.93	39.1	7.00
	33	26.0	4.28	31.0	5.47	34.6	6.31	35.6	6.74	36.7	7.18	37.6	7.30	38.6	7.34
	35	26.0	4.54	31.0	5.84	34.6	6.66	35.6	7.14	36.1	7.58	37.0	7.65	38.0	7.69
	37	26.0	4.81	31.0	6.20	34.6	7.03	35.1	7.56	35.5	7.99	36.5	8.02	37.4	8.04
	39	26.0	5.19	31.0	6.59	34.0	7.42	34.5	8.09	35.0	8.39	35.9	8.40	36.9	8.41
	41	25.3	5.57	30.2	6.98	32.5	7.83	33.0	8.75	33.5	8.75	34.5	8.82	35.3	8.89
	43	24.7	5.85	29.5	7.27	31.2	8.30	31.7	8.39	32.1	8.38	33.1	8.42	33.9	8.45
46	23.2	5.71	27.6	7.02	28.4	7.88	28.9	7.88	29.3	7.94	30.2	7.99	31.0	8.01	
48	20.5	5.54	24.0	6.76	24.7	7.49	25.2	7.54	25.5	7.58	26.3	7.60	27.0	7.63	

7. Capacity Tables

Cooling Capacity (12HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	22.7	2.16	27.0	2.63	31.4	3.12	33.6	3.37	35.8	3.62	39.6	4.03	40.5	4.06
	12	22.7	2.23	27.0	2.74	31.4	3.23	33.6	3.46	35.8	3.74	39.6	4.25	40.5	4.29
	14	22.7	2.30	27.0	2.85	31.4	3.36	33.6	3.61	35.8	3.90	39.6	4.49	40.5	4.53
	16	22.7	2.37	27.0	2.94	31.4	3.51	33.6	3.78	35.8	4.11	39.6	4.70	40.5	4.77
	18	22.7	2.44	27.0	3.05	31.4	3.64	33.6	3.97	35.8	4.36	39.6	4.97	40.5	5.01
	20	22.7	2.53	27.0	3.17	31.4	3.85	33.6	4.25	35.8	4.66	39.6	5.21	40.5	5.25
	21	22.7	2.58	27.0	3.24	31.4	3.98	33.6	4.40	35.8	4.83	39.6	5.33	40.5	5.37
	23	22.7	2.74	27.0	3.47	31.4	4.28	33.6	4.72	35.8	5.18	39.6	5.58	40.5	5.62
	25	22.7	2.91	27.0	3.69	31.4	4.57	33.6	5.05	35.8	5.54	39.6	5.82	40.2	5.86
	27	22.7	3.11	27.0	3.94	31.4	4.89	33.6	5.39	35.8	5.89	38.9	6.09	39.7	6.14
	29	22.7	3.31	27.0	4.21	31.4	5.22	33.6	5.76	35.8	6.23	38.2	6.33	39.1	6.38
	31	22.7	3.53	27.0	4.49	31.4	5.57	33.6	6.15	35.8	6.55	37.6	6.58	38.5	6.63
	33	22.7	3.75	27.0	4.78	31.4	5.94	33.6	6.56	35.8	6.80	37.0	6.82	37.9	6.88
	35	22.7	3.98	27.0	5.09	31.4	6.32	33.6	7.00	35.2	7.04	36.3	7.07	37.2	7.13
	37	22.7	4.27	27.0	5.46	31.4	6.70	33.6	7.33	34.6	7.37	35.6	7.40	36.5	7.47
	39	22.7	4.58	27.0	5.86	31.4	7.10	33.6	7.69	34.1	7.73	35.1	7.75	35.9	7.83
	41	22.3	4.88	26.6	6.27	30.9	7.50	32.2	8.05	32.9	8.08	33.7	8.11	34.8	8.19
	43	21.6	5.17	25.7	6.64	29.9	7.86	30.9	8.36	31.3	8.39	32.2	8.42	33.1	8.49
46	20.2	5.56	24.0	7.16	28.0	8.33	28.2	8.75	28.5	8.78	29.4	8.80	30.2	8.88	
48	17.9	4.80	21.3	6.20	24.2	7.12	24.5	7.42	24.8	7.45	25.6	7.47	26.3	7.52	
90	10	20.4	1.86	24.4	2.24	28.3	2.64	30.2	2.84	32.2	3.06	36.1	3.43	40.1	3.81
	12	20.4	1.88	24.4	2.27	28.3	2.68	30.2	2.90	32.2	3.13	36.1	3.49	40.1	3.88
	14	20.4	1.92	24.4	2.32	28.3	2.74	30.2	2.96	32.2	3.19	36.1	3.56	40.1	3.96
	16	20.4	1.95	24.4	2.36	28.3	2.80	30.2	3.02	32.2	3.24	36.1	3.63	40.1	4.02
	18	20.4	1.99	24.4	2.41	28.3	2.84	30.2	3.08	32.2	3.31	36.1	3.71	40.1	4.23
	20	20.4	2.02	24.4	2.46	28.3	2.90	30.2	3.14	32.2	3.44	36.1	3.97	40.1	4.43
	21	20.4	2.04	24.4	2.48	28.3	2.96	30.2	3.24	32.2	3.56	36.1	4.03	40.1	4.53
	23	20.4	2.09	24.4	2.58	28.3	3.16	30.2	3.48	32.2	3.82	36.1	4.28	39.5	4.74
	25	20.4	2.19	24.4	2.75	28.3	3.38	30.2	3.72	32.2	4.08	36.1	4.57	39.0	4.95
	27	20.4	2.34	24.4	2.94	28.3	3.61	30.2	3.98	32.2	4.36	36.1	4.86	38.4	5.18
	29	20.4	2.48	24.4	3.13	28.3	3.86	30.2	4.25	32.2	4.66	36.1	5.15	37.8	5.39
	31	20.4	2.64	24.4	3.34	28.3	4.11	30.2	4.52	32.2	4.97	36.1	5.41	37.2	5.60
	33	20.4	2.81	24.4	3.55	28.3	4.39	30.2	4.82	32.2	5.27	36.1	5.67	36.7	5.80
	35	20.4	2.98	24.4	3.77	28.3	4.66	30.2	5.14	32.2	5.59	35.5	6.00	36.1	6.13
	37	20.4	3.16	24.4	4.01	28.3	4.97	30.2	5.46	32.2	5.90	34.9	6.27	35.5	6.41
	39	20.4	3.35	24.4	4.26	28.3	5.26	30.2	5.81	32.2	6.20	34.4	6.61	35.0	6.69
	41	19.9	3.75	23.7	4.73	27.6	5.77	29.5	6.35	31.3	6.70	32.9	6.96	33.5	7.12
	43	19.4	4.05	23.1	5.11	26.9	6.31	28.7	6.84	30.6	7.18	31.6	7.46	32.1	7.55
46	18.2	4.55	21.7	5.82	25.2	7.18	26.9	7.76	27.8	7.98	28.8	8.19	29.4	8.20	
48	16.1	3.98	19.2	5.09	22.3	6.29	23.8	6.77	24.1	6.88	25.0	7.05	25.5	7.05	
80	10	18.1	1.61	21.6	1.93	25.1	2.26	26.9	2.44	28.7	2.62	32.2	2.99	35.6	3.25
	12	18.1	1.64	21.6	1.95	25.1	2.31	26.9	2.49	28.7	2.67	32.2	3.05	35.6	3.31
	14	18.1	1.66	21.6	2.00	25.1	2.34	26.9	2.53	28.7	2.71	32.2	3.10	35.6	3.37
	16	18.1	1.68	21.6	2.03	25.1	2.39	26.9	2.58	28.7	2.77	32.2	3.17	35.6	3.44
	18	18.1	1.72	21.6	2.06	25.1	2.43	26.9	2.62	28.7	2.82	32.2	3.22	35.6	3.51
	20	18.1	1.75	21.6	2.11	25.1	2.49	26.9	2.68	28.7	2.88	32.2	3.35	35.6	3.72
	21	18.1	1.76	21.6	2.13	25.1	2.51	26.9	2.71	28.7	2.95	32.2	3.45	35.6	3.82
	23	18.1	1.80	21.6	2.16	25.1	2.62	26.9	2.88	28.7	3.15	32.2	3.64	35.6	4.01
	25	18.1	1.86	21.6	2.31	25.1	2.81	26.9	3.08	28.7	3.37	32.2	3.90	35.6	4.29
	27	18.1	1.97	21.6	2.45	25.1	3.00	26.9	3.29	28.7	3.59	32.2	4.15	35.6	4.51
	29	18.1	2.10	21.6	2.62	25.1	3.19	26.9	3.50	28.7	3.84	32.2	4.44	35.6	4.83
	31	18.1	2.23	21.6	2.78	25.1	3.40	26.9	3.74	28.7	4.08	32.2	4.71	35.6	5.07
	33	18.1	2.37	21.6	2.97	25.1	3.63	26.9	3.98	28.7	4.35	32.2	4.97	35.6	5.32
	35	18.1	2.51	21.6	3.15	25.1	3.86	26.9	4.24	28.7	4.64	32.2	5.27	35.3	5.51
	37	18.1	2.66	21.6	3.34	25.1	4.09	26.9	4.51	28.7	4.93	32.2	5.56	34.7	5.76
	39	18.1	2.81	21.6	3.54	25.1	4.38	26.9	4.85	28.7	5.30	32.2	5.87	34.1	6.08
	41	17.7	3.10	21.0	3.92	24.4	4.81	26.2	5.31	27.9	5.82	31.3	6.53	32.7	6.73
	43	17.2	3.42	20.5	4.28	23.8	5.25	25.5	5.79	27.3	6.36	30.6	6.99	31.3	7.21
46	16.1	3.80	19.2	4.82	22.3	5.91	23.9	6.44	25.5	7.18	27.9	7.63	28.6	7.75	
48	14.3	3.32	17.0	4.21	19.8	5.17	21.2	5.63	22.6	6.28	24.3	6.61	24.9	6.67	

7. Capacity Tables

Cooling Capacity (12HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI	TC	PI	
70	10	15.8	1.45	19.0	1.73	22.0	2.00	23.5	2.16	25.1	2.31	28.1	2.63	31.2	2.94
	12	15.8	1.47	19.0	1.75	22.0	2.05	23.5	2.20	25.1	2.36	28.1	2.68	31.2	3.00
	14	15.8	1.50	19.0	1.77	22.0	2.08	23.5	2.23	25.1	2.39	28.1	2.73	31.2	3.05
	16	15.8	1.52	19.0	1.81	22.0	2.12	23.5	2.28	25.1	2.44	28.1	2.78	31.2	3.12
	18	15.8	1.54	19.0	1.84	22.0	2.16	23.5	2.32	25.1	2.48	28.1	2.82	31.2	3.17
	20	15.8	1.57	19.0	1.87	22.0	2.20	23.5	2.37	25.1	2.54	28.1	2.89	31.2	3.29
	21	15.8	1.59	19.0	1.89	22.0	2.22	23.5	2.39	25.1	2.56	28.1	2.94	31.2	3.36
	23	15.8	1.61	19.0	1.93	22.0	2.26	23.5	2.47	25.1	2.69	28.1	3.14	31.2	3.55
	25	15.8	1.63	19.0	2.00	22.0	2.41	23.5	2.64	25.1	2.87	28.1	3.36	31.2	3.72
	27	15.8	1.73	19.0	2.14	22.0	2.57	23.5	2.80	25.1	3.06	28.1	3.59	31.2	3.96
	29	15.8	1.84	19.0	2.26	22.0	2.73	23.5	2.98	25.1	3.26	28.1	3.83	31.2	4.24
	31	15.8	1.95	19.0	2.41	22.0	2.92	23.5	3.19	25.1	3.48	28.1	4.08	31.2	4.50
	33	15.8	2.07	19.0	2.55	22.0	3.10	23.5	3.38	25.1	3.69	28.1	4.34	31.2	4.79
	35	15.8	2.18	19.0	2.72	22.0	3.29	23.5	3.60	25.1	3.93	28.1	4.63	31.2	5.08
	37	15.8	2.32	19.0	2.88	22.0	3.50	23.5	3.83	25.1	4.18	28.1	4.93	31.2	5.36
	39	15.8	2.46	19.0	3.07	22.0	3.74	23.5	4.12	25.1	4.52	28.1	5.27	31.2	5.78
41	15.4	2.72	18.5	3.37	21.4	4.10	22.9	4.52	24.4	4.91	27.4	5.79	30.4	6.23	
43	15.1	2.97	18.0	3.67	20.9	4.48	22.4	4.93	23.8	5.37	26.7	6.33	29.6	6.74	
46	14.1	3.30	16.9	4.13	19.6	5.04	20.9	5.49	22.3	6.05	25.0	7.14	27.8	7.51	
48	12.5	2.88	14.9	3.60	17.3	4.41	18.5	4.80	19.8	5.29	22.1	6.25	24.6	6.50	
60	10	13.6	1.29	16.2	1.51	18.8	1.76	20.2	1.89	21.5	2.00	24.1	2.27	26.8	2.54
	12	13.6	1.31	16.2	1.53	18.8	1.78	20.2	1.91	21.5	2.04	24.1	2.31	26.8	2.59
	14	13.6	1.32	16.2	1.56	18.8	1.81	20.2	1.94	21.5	2.07	24.1	2.35	26.8	2.63
	16	13.6	1.35	16.2	1.59	18.8	1.84	20.2	1.98	21.5	2.12	24.1	2.40	26.8	2.68
	18	13.6	1.37	16.2	1.62	18.8	1.87	20.2	2.01	21.5	2.15	24.1	2.44	26.8	2.74
	20	13.6	1.39	16.2	1.64	18.8	1.91	20.2	2.05	21.5	2.19	24.1	2.48	26.8	2.80
	21	13.6	1.41	16.2	1.65	18.8	1.93	20.2	2.07	21.5	2.21	24.1	2.52	26.8	2.82
	23	13.6	1.43	16.2	1.69	18.8	1.96	20.2	2.11	21.5	2.26	24.1	2.61	26.8	3.00
	25	13.6	1.45	16.2	1.72	18.8	2.04	20.2	2.21	21.5	2.40	24.1	2.79	26.8	3.21
	27	13.6	1.50	16.2	1.81	18.8	2.17	20.2	2.35	21.5	2.55	24.1	2.96	26.8	3.42
	29	13.6	1.59	16.2	1.93	18.8	2.31	20.2	2.51	21.5	2.72	24.1	3.16	26.8	3.65
	31	13.6	1.69	16.2	2.05	18.8	2.45	20.2	2.67	21.5	2.89	24.1	3.37	26.8	3.89
	33	13.6	1.78	16.2	2.17	18.8	2.60	20.2	2.83	21.5	3.08	24.1	3.58	26.8	4.15
	35	13.6	1.89	16.2	2.31	18.8	2.76	20.2	3.01	21.5	3.27	24.1	3.82	26.8	4.40
	37	13.6	1.99	16.2	2.43	18.8	2.93	20.2	3.20	21.5	3.47	24.1	4.05	26.8	4.68
	39	13.6	2.12	16.2	2.59	18.8	3.16	20.2	3.43	21.5	3.73	24.1	4.34	26.8	5.02
41	13.2	2.30	15.8	2.84	18.4	3.43	19.6	3.75	20.9	4.05	23.5	4.77	26.1	5.45	
43	12.9	2.50	15.4	3.09	17.9	3.74	19.2	4.08	20.4	4.42	22.9	5.20	25.4	5.96	
46	12.1	2.79	14.4	3.47	16.8	4.21	18.0	4.59	19.1	4.97	21.5	5.86	23.8	6.79	
48	10.7	2.43	12.8	3.03	14.8	3.68	15.9	4.01	16.9	4.34	19.0	5.13	21.1	5.94	
50	10	11.3	1.14	13.6	1.32	15.7	1.50	16.8	1.61	17.9	1.70	20.0	1.92	22.3	2.13
	12	11.3	1.15	13.6	1.33	15.7	1.52	16.8	1.63	17.9	1.74	20.0	1.95	22.3	2.17
	14	11.3	1.16	13.6	1.35	15.7	1.55	16.8	1.65	17.9	1.76	20.0	1.98	22.3	2.21
	16	11.3	1.19	13.6	1.38	15.7	1.57	16.8	1.69	17.9	1.79	20.0	2.01	22.3	2.24
	18	11.3	1.20	13.6	1.39	15.7	1.59	16.8	1.71	17.9	1.82	20.0	2.05	22.3	2.29
	20	11.3	1.21	13.6	1.41	15.7	1.63	16.8	1.74	17.9	1.86	20.0	2.09	22.3	2.34
	21	11.3	1.22	13.6	1.43	15.7	1.64	16.8	1.76	17.9	1.87	20.0	2.11	22.3	2.36
	23	11.3	1.25	13.6	1.45	15.7	1.67	16.8	1.79	17.9	1.91	20.0	2.15	22.3	2.41
	25	11.3	1.26	13.6	1.47	15.7	1.70	16.8	1.82	17.9	1.97	20.0	2.25	22.3	2.58
	27	11.3	1.28	13.6	1.52	15.7	1.80	16.8	1.94	17.9	2.09	20.0	2.41	22.3	2.74
	29	11.3	1.35	13.6	1.62	15.7	1.91	16.8	2.06	17.9	2.22	20.0	2.55	22.3	2.91
	31	11.3	1.43	13.6	1.71	15.7	2.03	16.8	2.18	17.9	2.36	20.0	2.72	22.3	3.10
	33	11.3	1.51	13.6	1.81	15.7	2.15	16.8	2.31	17.9	2.51	20.0	2.89	22.3	3.31
	35	11.3	1.59	13.6	1.92	15.7	2.27	16.8	2.46	17.9	2.65	20.0	3.06	22.3	3.51
	37	11.3	1.69	13.6	2.03	15.7	2.40	16.8	2.60	17.9	2.80	20.0	3.26	22.3	3.73
	39	11.3	1.80	13.6	2.17	15.7	2.57	16.8	2.80	17.9	3.01	20.0	3.47	22.3	4.03
41	11.0	1.95	13.2	2.35	15.3	2.81	16.4	3.03	17.4	3.26	19.5	3.81	21.7	4.37	
43	10.8	2.12	12.9	2.56	14.9	3.06	16.0	3.30	17.0	3.55	19.0	4.15	21.2	4.77	
46	10.1	2.37	12.1	2.87	14.0	3.43	15.0	3.71	15.9	3.99	17.8	4.67	19.9	5.37	
48	8.9	2.07	10.7	2.50	12.4	2.99	13.2	3.24	14.1	3.48	15.8	4.08	17.6	4.69	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM140BTE5

Cooling Capacity (14HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	PI	16	PI	18	PI	19	PI	20	PI	22	PI	24	PI
130	10	35.8	3.65	42.7	4.46	45.7	5.17	47.1	5.27	48.4	5.32	50.7	5.36	52.0	5.38
	12	35.8	3.74	42.7	4.62	45.7	5.38	47.1	5.42	48.4	5.46	50.7	5.50	52.0	5.55
	14	35.8	3.86	42.7	4.78	45.7	5.58	47.1	5.62	48.4	5.67	50.7	5.71	52.0	5.77
	16	35.8	4.00	42.7	4.95	45.7	5.83	47.1	5.89	48.4	5.94	50.7	5.99	52.0	6.04
	18	35.8	4.17	42.7	5.24	45.7	6.10	47.1	6.23	48.4	6.28	50.7	6.35	52.0	6.39
	20	35.8	4.35	42.7	5.58	45.7	6.40	47.1	6.86	48.4	6.91	50.0	6.98	51.3	7.03
	21	35.8	4.47	42.7	5.77	45.7	6.54	47.1	7.26	48.4	7.31	49.7	7.39	51.0	7.44
	23	35.8	4.80	42.7	6.07	45.7	6.88	47.1	8.01	47.8	8.07	48.9	8.15	50.3	8.21
	25	35.8	5.12	42.7	6.42	45.7	7.35	46.5	8.88	47.1	8.95	48.4	9.04	49.7	9.10
	27	35.8	5.48	42.7	6.87	45.2	7.83	45.7	9.78	46.5	9.85	47.8	9.95	48.9	10.02
	29	35.8	5.84	42.7	7.34	44.4	8.43	45.1	10.74	45.7	10.81	47.1	10.91	48.4	10.95
	31	35.8	6.23	42.5	7.73	43.7	8.96	44.4	10.70	45.1	10.76	46.3	10.86	47.6	10.90
	33	35.8	6.64	41.8	8.19	43.1	9.61	43.8	10.60	44.4	10.67	45.7	10.76	46.9	10.80
	35	35.8	7.08	41.1	8.58	42.4	10.41	43.1	10.46	43.8	10.53	45.0	10.62	46.3	10.66
	37	35.8	7.55	40.5	9.00	41.8	10.27	42.4	10.33	43.1	10.39	44.3	10.48	45.6	10.52
	39	35.8	8.04	39.8	9.48	41.1	10.14	41.8	10.19	42.4	10.25	43.7	10.34	45.0	10.38
	41	34.9	8.53	38.1	9.95	39.4	10.00	40.0	10.05	40.8	10.11	42.0	10.20	43.2	10.24
43	34.1	8.99	36.5	9.81	37.8	9.86	38.4	9.91	39.1	9.97	40.4	10.06	41.5	10.10	
46	31.9	9.63	33.3	9.61	34.5	9.65	35.1	9.70	35.8	9.76	36.9	9.85	38.0	9.89	
48	28.2	9.36	28.9	9.39	30.0	9.41	30.5	9.43	31.2	9.51	32.2	9.57	33.1	9.61	
120	10	33.1	3.28	39.4	4.02	43.1	4.78	44.4	5.17	45.7	5.25	48.2	5.27	49.4	5.31
	12	33.1	3.37	39.4	4.16	43.1	4.97	44.4	5.27	45.7	5.44	48.2	5.51	49.4	5.55
	14	33.1	3.48	39.4	4.30	43.1	5.17	44.4	5.47	45.7	5.64	48.2	5.72	49.4	5.77
	16	33.1	3.61	39.4	4.47	43.1	5.37	44.4	5.68	45.7	5.90	48.2	5.97	49.4	6.02
	18	33.1	3.75	39.4	4.68	43.1	5.59	44.4	5.98	45.7	6.20	48.2	6.27	49.4	6.32
	20	33.1	3.89	39.4	4.96	43.1	5.89	44.4	6.29	45.7	6.53	48.2	6.62	49.4	6.67
	21	33.1	4.01	39.4	5.14	43.1	6.05	44.4	6.48	45.7	6.75	48.2	6.83	49.4	6.89
	23	33.1	4.29	39.4	5.50	43.1	6.49	44.4	6.88	45.7	7.19	48.2	7.27	49.4	7.32
	25	33.1	4.58	39.4	5.89	43.1	6.84	44.4	7.34	45.7	7.71	47.6	7.78	48.8	7.84
	27	33.1	4.89	39.4	6.30	43.1	7.28	44.4	7.84	45.7	8.29	46.9	8.35	48.0	8.41
	29	33.1	5.22	39.4	6.72	43.1	7.66	44.4	8.39	45.0	8.84	46.1	8.97	47.4	9.04
	31	33.1	5.56	39.4	7.18	43.1	8.06	43.8	8.99	44.4	9.48	45.6	9.65	46.7	9.72
	33	33.1	5.92	39.4	7.65	42.5	8.52	43.1	9.75	43.6	10.18	44.8	10.29	46.0	10.37
	35	33.1	6.30	39.4	8.15	41.8	9.02	42.3	10.74	43.1	10.80	44.2	10.83	45.4	10.92
	37	33.1	6.77	39.4	8.61	41.2	9.62	41.8	10.52	42.3	10.57	43.5	10.60	44.7	10.69
	39	33.1	7.29	39.3	9.09	40.4	10.20	41.0	10.30	41.6	10.35	42.9	10.38	44.1	10.47
	41	32.3	7.81	37.6	9.58	38.8	10.00	39.4	10.09	39.9	10.14	41.1	10.17	42.3	10.25
43	31.5	8.33	36.0	9.45	37.2	9.78	37.8	9.87	38.3	9.92	39.5	9.95	40.6	10.03	
46	29.5	8.96	32.8	9.22	34.0	9.47	34.5	9.55	35.0	9.59	36.1	9.62	37.2	9.70	
48	26.1	8.78	28.5	9.06	29.6	9.28	30.0	9.34	30.5	9.37	31.4	9.41	32.3	9.44	
110	10	30.3	2.95	36.2	3.60	40.4	4.27	41.5	4.62	44.2	4.98	45.2	5.11	48.3	5.20
	12	30.3	3.04	36.2	3.72	40.4	4.45	41.5	4.75	44.2	5.16	45.2	5.33	48.3	5.45
	14	30.3	3.14	36.2	3.88	40.4	4.65	41.5	4.99	44.2	5.42	45.2	5.58	48.3	5.69
	16	30.3	3.25	36.2	4.03	40.4	4.84	41.5	5.21	44.2	5.67	45.2	5.83	48.3	5.93
	18	30.3	3.37	36.2	4.19	40.4	5.12	41.5	5.48	44.2	5.98	45.2	6.10	48.3	6.22
	20	30.3	3.49	36.2	4.40	40.4	5.43	41.5	5.74	44.2	6.27	45.2	6.43	48.3	6.53
	21	30.3	3.57	36.2	4.53	40.4	5.57	41.5	5.89	44.2	6.45	45.2	6.61	48.3	6.72
	23	30.3	3.80	36.2	4.86	40.4	5.88	41.5	6.22	44.2	6.81	45.2	6.96	48.3	7.07
	25	30.3	4.06	36.2	5.19	40.4	6.21	41.5	6.57	44.2	7.20	45.2	7.30	47.7	7.45
	27	30.3	4.34	36.2	5.55	40.4	6.57	41.5	6.96	44.2	7.52	45.2	7.69	47.0	7.82
	29	30.3	4.63	36.2	5.92	40.4	6.94	41.5	7.37	44.2	7.94	45.2	8.08	46.4	8.20
	31	30.3	4.93	36.2	6.31	40.4	7.33	41.5	7.81	43.5	8.35	44.6	8.51	45.6	8.60
	33	30.3	5.25	36.2	6.72	40.4	7.75	41.5	8.27	42.9	8.82	43.9	8.96	45.0	9.01
	35	30.3	5.58	36.2	7.18	40.4	8.18	41.5	8.77	42.1	9.30	43.2	9.39	44.3	9.44
	37	30.3	5.91	36.2	7.62	40.4	8.64	41.0	9.29	41.4	9.81	42.6	9.85	43.6	9.88
	39	30.3	6.37	36.2	8.09	39.7	9.11	40.2	9.93	40.8	10.30	41.8	10.32	43.0	10.33
	41	29.6	6.84	35.2	8.57	38.0	9.61	38.6	10.74	39.1	10.74	40.2	10.83	41.2	10.92
43	28.8	7.18	34.4	8.93	36.4	10.19	37.0	10.31	37.5	10.28	38.6	10.34	39.5	10.37	
46	27.0	7.01	32.2	8.62	33.2	9.67	33.8	9.67	34.2	9.76	35.3	9.81	36.2	9.84	
48	23.9	6.80	28.0	8.30	28.8	9.20	29.4	9.26	29.7	9.31	30.7	9.33	31.5	9.37	

7. Capacity Tables

Cooling Capacity (14HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	26.5	2.66	31.5	3.23	36.7	3.83	39.2	4.14	41.7	4.45	46.3	4.95	47.3	4.99
	12	26.5	2.74	31.5	3.36	36.7	3.96	39.2	4.25	41.7	4.59	46.3	5.22	47.3	5.27
	14	26.5	2.83	31.5	3.50	36.7	4.13	39.2	4.43	41.7	4.79	46.3	5.51	47.3	5.56
	16	26.5	2.91	31.5	3.61	36.7	4.30	39.2	4.65	41.7	5.05	46.3	5.78	47.3	5.86
	18	26.5	3.00	31.5	3.75	36.7	4.47	39.2	4.87	41.7	5.35	46.3	6.10	47.3	6.15
	20	26.5	3.11	31.5	3.89	36.7	4.73	39.2	5.22	41.7	5.72	46.3	6.39	47.3	6.45
	21	26.5	3.17	31.5	3.98	36.7	4.89	39.2	5.40	41.7	5.94	46.3	6.54	47.3	6.59
	23	26.5	3.36	31.5	4.26	36.7	5.25	39.2	5.79	41.7	6.36	46.3	6.85	47.3	6.90
	25	26.5	3.57	31.5	4.53	36.7	5.61	39.2	6.20	41.7	6.80	46.3	7.14	46.9	7.20
	27	26.5	3.82	31.5	4.84	36.7	6.00	39.2	6.62	41.7	7.23	45.4	7.48	46.3	7.54
	29	26.5	4.06	31.5	5.17	36.7	6.41	39.2	7.08	41.7	7.65	44.5	7.78	45.6	7.84
	31	26.5	4.34	31.5	5.51	36.7	6.83	39.2	7.55	41.7	8.04	43.8	8.08	44.9	8.14
	33	26.5	4.60	31.5	5.87	36.7	7.29	39.2	8.06	41.7	8.34	43.1	8.38	44.2	8.45
	35	26.5	4.89	31.5	6.25	36.7	7.76	39.2	8.60	41.1	8.65	42.4	8.68	43.4	8.75
	37	26.5	5.24	31.5	6.70	36.7	8.22	39.2	9.00	40.4	9.05	41.6	9.09	42.6	9.17
	39	26.5	5.62	31.5	7.20	36.7	8.71	39.2	9.44	39.7	9.49	40.9	9.52	41.9	9.61
	41	26.0	6.00	31.0	7.69	36.1	9.21	37.6	9.88	38.4	9.92	39.3	9.96	40.6	10.05
	43	25.1	6.35	29.9	8.16	34.9	9.65	36.1	10.26	36.5	10.30	37.6	10.33	38.6	10.43
46	23.6	6.83	28.1	8.79	32.7	10.23	32.9	10.74	33.3	10.78	34.4	10.81	35.3	10.91	
48	20.8	5.89	24.8	7.61	28.2	8.75	28.6	9.12	28.9	9.15	29.9	9.17	30.7	9.24	
90	10	23.8	2.23	28.4	2.68	33.0	3.16	35.3	3.41	37.5	3.67	42.1	4.11	46.8	4.57
	12	23.8	2.26	28.4	2.72	33.0	3.22	35.3	3.48	37.5	3.75	42.1	4.19	46.8	4.65
	14	23.8	2.30	28.4	2.78	33.0	3.29	35.3	3.55	37.5	3.82	42.1	4.27	46.8	4.74
	16	23.8	2.34	28.4	2.83	33.0	3.35	35.3	3.61	37.5	3.89	42.1	4.35	46.8	4.82
	18	23.8	2.38	28.4	2.89	33.0	3.41	35.3	3.70	37.5	3.97	42.1	4.45	46.8	5.07
	20	23.8	2.42	28.4	2.94	33.0	3.48	35.3	3.77	37.5	4.12	42.1	4.76	46.8	5.31
	21	23.8	2.45	28.4	2.97	33.0	3.55	35.3	3.89	37.5	4.27	42.1	4.84	46.8	5.43
	23	23.8	2.51	28.4	3.09	33.0	3.79	35.3	4.18	37.5	4.57	42.1	5.13	46.1	5.69
	25	23.8	2.63	28.4	3.30	33.0	4.05	35.3	4.46	37.5	4.89	42.1	5.48	45.5	5.93
	27	23.8	2.81	28.4	3.52	33.0	4.33	35.3	4.76	37.5	5.23	42.1	5.83	44.8	6.21
	29	23.8	2.97	28.4	3.75	33.0	4.63	35.3	5.09	37.5	5.59	42.1	6.17	44.1	6.46
	31	23.8	3.16	28.4	4.00	33.0	4.93	35.3	5.42	37.5	5.96	42.1	6.48	43.5	6.71
	33	23.8	3.37	28.4	4.26	33.0	5.26	35.3	5.78	37.5	6.32	42.1	6.80	42.8	6.96
	35	23.8	3.57	28.4	4.52	33.0	5.59	35.3	6.16	37.5	6.70	41.4	7.19	42.1	7.35
	37	23.8	3.79	28.4	4.81	33.0	5.96	35.3	6.55	37.5	7.07	40.7	7.51	41.5	7.68
	39	23.8	4.02	28.4	5.11	33.0	6.30	35.3	6.96	37.5	7.44	40.1	7.92	40.8	8.02
	41	23.2	4.49	27.7	5.67	32.2	6.92	34.4	7.62	36.6	8.03	38.4	8.35	39.1	8.54
	43	22.6	4.85	27.0	6.12	31.4	7.56	33.5	8.20	35.7	8.61	36.8	8.94	37.5	9.05
46	21.2	5.46	25.3	6.97	29.4	8.61	31.4	9.30	32.4	9.56	33.6	9.81	34.2	9.83	
48	18.8	4.77	22.4	6.10	26.0	7.53	27.8	8.11	28.1	8.24	29.2	8.45	29.8	8.46	
80	10	21.1	1.88	25.2	2.25	29.3	2.65	31.4	2.85	33.5	3.06	37.5	3.49	41.6	3.79
	12	21.1	1.92	25.2	2.28	29.3	2.70	31.4	2.91	33.5	3.11	37.5	3.56	41.6	3.87
	14	21.1	1.94	25.2	2.33	29.3	2.74	31.4	2.96	33.5	3.17	37.5	3.62	41.6	3.94
	16	21.1	1.97	25.2	2.37	29.3	2.79	31.4	3.01	33.5	3.23	37.5	3.70	41.6	4.02
	18	21.1	2.01	25.2	2.41	29.3	2.84	31.4	3.06	33.5	3.30	37.5	3.77	41.6	4.10
	20	21.1	2.05	25.2	2.46	29.3	2.91	31.4	3.13	33.5	3.36	37.5	3.91	41.6	4.35
	21	21.1	2.06	25.2	2.49	29.3	2.93	31.4	3.17	33.5	3.44	37.5	4.03	41.6	4.46
	23	21.1	2.10	25.2	2.53	29.3	3.06	31.4	3.36	33.5	3.67	37.5	4.26	41.6	4.69
	25	21.1	2.18	25.2	2.70	29.3	3.28	31.4	3.60	33.5	3.94	37.5	4.56	41.6	5.01
	27	21.1	2.31	25.2	2.87	29.3	3.51	31.4	3.84	33.5	4.20	37.5	4.84	41.6	5.27
	29	21.1	2.45	25.2	3.06	29.3	3.73	31.4	4.09	33.5	4.48	37.5	5.19	41.6	5.64
	31	21.1	2.61	25.2	3.24	29.3	3.97	31.4	4.37	33.5	4.77	37.5	5.51	41.6	5.92
	33	21.1	2.76	25.2	3.47	29.3	4.24	31.4	4.65	33.5	5.08	37.5	5.80	41.6	6.21
	35	21.1	2.93	25.2	3.67	29.3	4.51	31.4	4.95	33.5	5.42	37.5	6.15	41.1	6.44
	37	21.1	3.10	25.2	3.91	29.3	4.78	31.4	5.26	33.5	5.76	37.5	6.49	40.5	6.73
	39	21.1	3.28	25.2	4.13	29.3	5.12	31.4	5.66	33.5	6.19	37.5	6.86	39.8	7.10
	41	20.6	3.63	24.6	4.58	28.5	5.61	30.6	6.20	32.6	6.80	36.6	7.63	38.1	7.87
	43	20.1	3.99	23.9	5.00	27.8	6.13	29.8	6.76	31.8	7.43	35.7	8.17	36.6	8.42
46	18.8	4.44	22.4	5.63	26.1	6.91	27.9	7.53	29.8	8.39	32.6	8.92	33.4	9.06	
48	16.7	3.88	19.9	4.92	23.1	6.04	24.7	6.57	26.4	7.34	28.3	7.72	29.0	7.80	

7. Capacity Tables

Cooling Capacity (14HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI	TC	PI	
70	10	18.5	1.65	22.1	1.97	25.6	2.28	27.4	2.46	29.3	2.63	32.8	3.00	36.4	3.35
	12	18.5	1.68	22.1	1.99	25.6	2.33	27.4	2.50	29.3	2.68	32.8	3.05	36.4	3.41
	14	18.5	1.71	22.1	2.02	25.6	2.37	27.4	2.54	29.3	2.72	32.8	3.11	36.4	3.48
	16	18.5	1.73	22.1	2.06	25.6	2.41	27.4	2.59	29.3	2.77	32.8	3.16	36.4	3.55
	18	18.5	1.76	22.1	2.10	25.6	2.46	27.4	2.64	29.3	2.83	32.8	3.22	36.4	3.61
	20	18.5	1.78	22.1	2.14	25.6	2.50	27.4	2.70	29.3	2.89	32.8	3.30	36.4	3.75
	21	18.5	1.81	22.1	2.15	25.6	2.53	27.4	2.72	29.3	2.92	32.8	3.35	36.4	3.83
	23	18.5	1.84	22.1	2.20	25.6	2.58	27.4	2.81	29.3	3.06	32.8	3.58	36.4	4.04
	25	18.5	1.86	22.1	2.28	25.6	2.75	27.4	3.01	29.3	3.27	32.8	3.83	36.4	4.24
	27	18.5	1.97	22.1	2.44	25.6	2.93	27.4	3.19	29.3	3.49	32.8	4.09	36.4	4.51
	29	18.5	2.10	22.1	2.58	25.6	3.11	27.4	3.40	29.3	3.71	32.8	4.36	36.4	4.83
	31	18.5	2.23	22.1	2.75	25.6	3.32	27.4	3.63	29.3	3.96	32.8	4.65	36.4	5.12
	33	18.5	2.36	22.1	2.90	25.6	3.53	27.4	3.86	29.3	4.21	32.8	4.95	36.4	5.45
	35	18.5	2.49	22.1	3.10	25.6	3.75	27.4	4.10	29.3	4.48	32.8	5.27	36.4	5.78
	37	18.5	2.64	22.1	3.28	25.6	3.99	27.4	4.36	29.3	4.77	32.8	5.61	36.4	6.10
	39	18.5	2.81	22.1	3.50	25.6	4.26	27.4	4.69	29.3	5.15	32.8	6.01	36.4	6.58
	41	18.0	3.10	21.6	3.84	25.0	4.67	26.7	5.15	28.5	5.60	31.9	6.60	35.5	7.10
	43	17.6	3.38	21.0	4.18	24.3	5.10	26.1	5.61	27.8	6.11	31.1	7.21	34.6	7.67
46	16.5	3.75	19.7	4.70	22.8	5.74	24.4	6.25	26.1	6.89	29.2	8.13	32.4	8.55	
48	14.6	3.28	17.4	4.11	20.2	5.02	21.6	5.46	23.1	6.03	25.8	7.11	28.7	7.40	
60	10	15.8	1.43	18.9	1.68	22.0	1.95	23.5	2.10	25.1	2.23	28.1	2.53	31.2	2.82
	12	15.8	1.46	18.9	1.71	22.0	1.98	23.5	2.12	25.1	2.26	28.1	2.56	31.2	2.88
	14	15.8	1.47	18.9	1.73	22.0	2.02	23.5	2.16	25.1	2.30	28.1	2.62	31.2	2.93
	16	15.8	1.50	18.9	1.77	22.0	2.04	23.5	2.20	25.1	2.36	28.1	2.67	31.2	2.98
	18	15.8	1.52	18.9	1.80	22.0	2.08	23.5	2.24	25.1	2.39	28.1	2.71	31.2	3.05
	20	15.8	1.55	18.9	1.82	22.0	2.12	23.5	2.28	25.1	2.43	28.1	2.76	31.2	3.11
	21	15.8	1.56	18.9	1.84	22.0	2.15	23.5	2.30	25.1	2.46	28.1	2.80	31.2	3.14
	23	15.8	1.59	18.9	1.87	22.0	2.17	23.5	2.34	25.1	2.51	28.1	2.90	31.2	3.33
	25	15.8	1.61	18.9	1.91	22.0	2.26	23.5	2.46	25.1	2.67	28.1	3.10	31.2	3.57
	27	15.8	1.67	18.9	2.02	22.0	2.41	23.5	2.62	25.1	2.84	28.1	3.29	31.2	3.80
	29	15.8	1.77	18.9	2.15	22.0	2.56	23.5	2.79	25.1	3.02	28.1	3.51	31.2	4.06
	31	15.8	1.87	18.9	2.28	22.0	2.72	23.5	2.97	25.1	3.21	28.1	3.75	31.2	4.32
	33	15.8	1.98	18.9	2.41	22.0	2.89	23.5	3.15	25.1	3.42	28.1	3.98	31.2	4.61
	35	15.8	2.10	18.9	2.56	22.0	3.07	23.5	3.35	25.1	3.63	28.1	4.24	31.2	4.89
	37	15.8	2.21	18.9	2.71	22.0	3.25	23.5	3.55	25.1	3.85	28.1	4.50	31.2	5.21
	39	15.8	2.35	18.9	2.88	22.0	3.51	23.5	3.81	25.1	4.15	28.1	4.83	31.2	5.58
	41	15.4	2.55	18.4	3.15	21.4	3.81	22.9	4.16	24.4	4.50	27.4	5.30	30.4	6.06
	43	15.0	2.77	18.0	3.43	20.9	4.16	22.4	4.54	23.8	4.91	26.7	5.78	29.7	6.62
46	14.1	3.11	16.8	3.85	19.6	4.68	20.9	5.10	22.3	5.52	25.1	6.52	27.8	7.54	
48	12.5	2.71	14.9	3.36	17.3	4.09	18.5	4.46	19.7	4.83	22.2	5.70	24.6	6.60	
50	10	13.2	1.24	15.8	1.43	18.3	1.63	19.6	1.74	20.9	1.85	23.4	2.08	26.0	2.32
	12	13.2	1.25	15.8	1.44	18.3	1.65	19.6	1.77	20.9	1.89	23.4	2.12	26.0	2.35
	14	13.2	1.26	15.8	1.47	18.3	1.68	19.6	1.80	20.9	1.91	23.4	2.15	26.0	2.39
	16	13.2	1.29	15.8	1.50	18.3	1.70	19.6	1.83	20.9	1.94	23.4	2.19	26.0	2.43
	18	13.2	1.30	15.8	1.51	18.3	1.73	19.6	1.86	20.9	1.98	23.4	2.22	26.0	2.48
	20	13.2	1.31	15.8	1.53	18.3	1.77	19.6	1.89	20.9	2.02	23.4	2.26	26.0	2.54
	21	13.2	1.33	15.8	1.55	18.3	1.78	19.6	1.91	20.9	2.03	23.4	2.29	26.0	2.56
	23	13.2	1.35	15.8	1.57	18.3	1.81	19.6	1.94	20.9	2.07	23.4	2.33	26.0	2.61
	25	13.2	1.37	15.8	1.60	18.3	1.85	19.6	1.98	20.9	2.13	23.4	2.45	26.0	2.80
	27	13.2	1.39	15.8	1.65	18.3	1.95	19.6	2.11	20.9	2.26	23.4	2.61	26.0	2.98
	29	13.2	1.47	15.8	1.76	18.3	2.07	19.6	2.24	20.9	2.41	23.4	2.77	26.0	3.16
	31	13.2	1.55	15.8	1.86	18.3	2.20	19.6	2.37	20.9	2.56	23.4	2.95	26.0	3.37
	33	13.2	1.64	15.8	1.96	18.3	2.33	19.6	2.51	20.9	2.72	23.4	3.13	26.0	3.59
	35	13.2	1.73	15.8	2.08	18.3	2.46	19.6	2.67	20.9	2.87	23.4	3.32	26.0	3.81
	37	13.2	1.83	15.8	2.20	18.3	2.60	19.6	2.82	20.9	3.04	23.4	3.54	26.0	4.05
	39	13.2	1.96	15.8	2.36	18.3	2.79	19.6	3.04	20.9	3.27	23.4	3.77	26.0	4.37
	41	12.9	2.12	15.4	2.55	17.9	3.05	19.1	3.29	20.3	3.54	22.8	4.13	25.4	4.75
	43	12.6	2.30	15.0	2.77	17.4	3.32	18.6	3.58	19.8	3.85	22.2	4.50	24.7	5.18
46	11.8	2.58	14.1	3.11	16.3	3.72	17.5	4.02	18.6	4.33	20.8	5.07	23.2	5.83	
48	10.4	2.24	12.5	2.71	14.4	3.25	15.4	3.51	16.4	3.77	18.4	4.43	20.5	5.09	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM160BTE5

Cooling Capacity (16HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI			
130	10	41.0	4.51	48.8	5.51	52.3	6.39	53.8	6.52	55.3	6.57	57.9	6.62	59.4	6.65
	12	41.0	4.62	48.8	5.70	52.3	6.65	53.8	6.69	55.3	6.75	57.9	6.80	59.4	6.86
	14	41.0	4.77	48.8	5.91	52.3	6.90	53.8	6.95	55.3	7.01	57.9	7.06	59.4	7.13
	16	41.0	4.95	48.8	6.12	52.3	7.21	53.8	7.28	55.3	7.34	57.9	7.40	59.4	7.46
	18	41.0	5.15	48.8	6.47	52.3	7.54	53.8	7.70	55.3	7.77	57.9	7.84	59.4	7.90
	20	41.0	5.38	48.8	6.89	52.3	7.91	53.8	8.47	55.3	8.54	57.1	8.63	58.6	8.69
	21	41.0	5.52	48.8	7.14	52.3	8.08	53.8	8.97	55.3	9.04	56.8	9.13	58.3	9.19
	23	41.0	5.93	48.8	7.51	52.3	8.50	53.8	9.90	54.6	9.97	55.9	10.07	57.4	10.14
	25	41.0	6.33	48.8	7.94	52.3	9.08	53.1	10.97	53.8	11.06	55.3	11.17	56.8	11.25
	27	41.0	6.77	48.8	8.49	51.6	9.68	52.3	12.08	53.1	12.18	54.6	12.30	55.9	12.38
	29	41.0	7.22	48.8	9.07	50.8	10.41	51.5	13.28	52.3	13.36	53.8	13.48	55.3	13.53
	31	41.0	7.70	48.6	9.56	49.9	11.07	50.8	13.22	51.5	13.30	52.9	13.42	54.4	13.47
	33	41.0	8.20	47.8	10.13	49.3	11.88	50.1	13.10	50.8	13.18	52.3	13.30	53.6	13.35
	35	41.0	8.75	46.9	10.60	48.4	12.87	49.3	12.93	50.1	13.01	51.4	13.12	52.9	13.18
	37	41.0	9.33	46.3	11.13	47.8	12.70	48.4	12.76	49.3	12.84	50.6	12.95	52.1	13.00
	39	41.0	9.93	45.5	11.71	46.9	12.53	47.8	12.59	48.4	12.66	49.0	12.78	51.4	12.83
	41	39.9	10.54	43.6	12.30	45.0	12.36	45.7	12.42	46.6	12.49	48.0	12.60	49.3	12.65
	43	38.9	11.11	41.8	12.13	43.2	12.19	43.9	12.25	44.7	12.32	46.1	12.43	47.4	12.48
46	36.5	11.90	38.1	11.87	39.5	11.93	40.1	11.99	40.9	12.06	42.2	12.17	43.4	12.22	
48	32.3	11.56	33.1	11.60	34.3	11.62	34.9	11.66	35.6	11.76	36.7	11.83	37.8	11.88	
120	10	37.9	4.05	45.0	4.97	49.2	5.91	50.7	6.38	52.2	6.48	55.1	6.51	56.4	6.56
	12	37.9	4.16	45.0	5.14	49.2	6.14	50.7	6.52	52.2	6.72	55.1	6.81	56.4	6.86
	14	37.9	4.31	45.0	5.31	49.2	6.39	50.7	6.77	52.2	6.97	55.1	7.07	56.4	7.13
	16	37.9	4.46	45.0	5.53	49.2	6.64	50.7	7.02	52.2	7.29	55.1	7.38	56.4	7.44
	18	37.9	4.64	45.0	5.78	49.2	6.90	50.7	7.39	52.2	7.67	55.1	7.75	56.4	7.82
	20	37.9	4.81	45.0	6.13	49.2	7.28	50.7	7.77	52.2	8.07	55.1	8.18	56.4	8.24
	21	37.9	4.96	45.0	6.35	49.2	7.48	50.7	8.00	52.2	8.34	55.1	8.44	56.4	8.51
	23	37.9	5.30	45.0	6.79	49.2	8.02	50.7	8.50	52.2	8.89	55.1	8.98	56.4	9.05
	25	37.9	5.66	45.0	7.28	49.2	8.45	50.7	9.07	52.2	9.53	54.4	9.61	55.7	9.69
	27	37.9	6.05	45.0	7.78	49.2	9.00	50.7	9.69	52.2	10.25	53.6	10.31	54.9	10.40
	29	37.9	6.45	45.0	8.30	49.2	9.47	50.7	10.37	51.4	10.92	52.7	11.08	54.2	11.17
	31	37.9	6.87	45.0	8.87	49.2	9.96	50.1	11.10	50.7	11.71	52.1	11.92	53.4	12.02
	33	37.9	7.32	45.0	9.45	48.6	10.53	49.2	12.05	49.9	12.58	51.2	12.72	52.6	12.82
	35	37.9	7.78	45.0	10.08	47.7	11.15	48.4	13.28	49.2	13.34	50.6	13.38	51.9	13.49
	37	37.9	8.37	45.0	10.63	47.0	11.89	47.7	13.00	48.4	13.06	49.7	13.10	51.1	13.21
	39	37.9	9.01	44.9	11.24	46.2	12.61	46.9	12.73	47.5	12.80	49.1	12.83	50.4	12.94
	41	36.9	9.65	42.9	11.84	44.4	12.36	45.0	12.46	45.7	12.53	47.0	12.56	48.3	12.66
	43	36.0	10.30	41.1	11.68	42.5	12.08	43.2	12.20	43.8	12.26	45.1	12.30	46.4	12.39
46	33.7	11.08	37.5	11.40	38.9	11.70	39.4	11.80	40.0	11.86	41.2	11.89	42.5	11.99	
48	29.8	10.85	32.6	11.19	33.8	11.47	34.3	11.54	34.8	11.58	35.9	11.63	37.0	11.67	
110	10	34.7	3.65	41.3	4.44	46.2	5.28	47.5	5.71	50.5	6.15	51.7	6.32	55.1	6.43
	12	34.7	3.76	41.3	4.59	46.2	5.50	47.5	5.88	50.5	6.38	51.7	6.59	55.1	6.74
	14	34.7	3.88	41.3	4.80	46.2	5.75	47.5	6.17	50.5	6.70	51.7	6.89	55.1	7.04
	16	34.7	4.02	41.3	4.98	46.2	5.99	47.5	6.44	50.5	7.01	51.7	7.20	55.1	7.33
	18	34.7	4.16	41.3	5.18	46.2	6.33	47.5	6.78	50.5	7.40	51.7	7.54	55.1	7.68
	20	34.7	4.31	41.3	5.44	46.2	6.71	47.5	7.09	50.5	7.75	51.7	7.95	55.1	8.07
	21	34.7	4.41	41.3	5.60	46.2	6.88	47.5	7.28	50.5	7.97	51.7	8.17	55.1	8.30
	23	34.7	4.70	41.3	6.01	46.2	7.27	47.5	7.68	50.5	8.42	51.7	8.60	55.1	8.74
	25	34.7	5.02	41.3	6.41	46.2	7.68	47.5	8.12	50.5	8.90	51.7	9.02	54.5	9.21
	27	34.7	5.36	41.3	6.85	46.2	8.11	47.5	8.60	50.5	9.29	51.7	9.50	53.7	9.67
	29	34.7	5.72	41.3	7.32	46.2	8.58	47.5	9.11	50.5	9.82	51.7	9.99	53.0	10.14
	31	34.7	6.09	41.3	7.80	46.2	9.06	47.5	9.65	49.7	10.32	51.0	10.52	52.2	10.63
	33	34.7	6.49	41.3	8.30	46.2	9.57	47.5	10.22	49.0	10.90	50.2	11.08	51.5	11.14
	35	34.7	6.89	41.3	8.87	46.2	10.11	47.5	10.83	48.2	11.50	49.3	11.61	50.7	11.66
	37	34.7	7.31	41.3	9.41	46.2	10.67	46.8	11.48	47.3	12.13	48.7	12.17	49.8	12.20
	39	34.7	7.88	41.3	10.00	45.3	11.26	46.0	12.28	46.7	12.73	47.8	12.75	49.2	12.76
	41	33.8	8.45	40.3	10.59	43.4	11.88	44.1	13.28	44.6	13.28	45.9	13.38	47.1	13.49
	43	32.9	8.87	39.3	11.04	41.6	12.60	42.3	12.74	42.8	12.71	44.1	12.78	45.2	12.82
46	30.9	8.66	36.8	10.65	37.9	11.95	38.6	11.95	39.1	12.06	40.3	12.12	41.3	12.16	
48	27.3	8.41	32.0	10.26	32.9	11.37	33.5	11.45	34.0	11.50	35.0	11.54	36.0	11.58	

7. Capacity Tables

Cooling Capacity (16HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	30.2	3.28	36.0	3.99	41.9	4.73	44.8	5.12	47.7	5.50	52.9	6.12	54.0	6.17
	12	30.2	3.39	36.0	4.15	41.9	4.89	44.8	5.25	47.7	5.67	52.9	6.45	54.0	6.51
	14	30.2	3.49	36.0	4.32	41.9	5.10	44.8	5.48	47.7	5.92	52.9	6.81	54.0	6.87
	16	30.2	3.60	36.0	4.46	41.9	5.32	44.8	5.74	47.7	6.24	52.9	7.14	54.0	7.24
	18	30.2	3.71	36.0	4.63	41.9	5.52	44.8	6.02	47.7	6.61	52.9	7.54	54.0	7.60
	20	30.2	3.84	36.0	4.80	41.9	5.85	44.8	6.45	47.7	7.07	52.9	7.90	54.0	7.97
	21	30.2	3.92	36.0	4.92	41.9	6.05	44.8	6.67	47.7	7.34	52.9	8.08	54.0	8.15
	23	30.2	4.15	36.0	5.26	41.9	6.49	44.8	7.16	47.7	7.86	52.9	8.46	54.0	8.53
	25	30.2	4.41	36.0	5.60	41.9	6.93	44.8	7.66	47.7	8.41	52.9	8.82	53.6	8.90
	27	30.2	4.72	36.0	5.99	41.9	7.42	44.8	8.18	47.7	8.94	51.8	9.24	52.9	9.31
	29	30.2	5.02	36.0	6.39	41.9	7.92	44.8	8.75	47.7	9.46	50.9	9.61	52.1	9.69
	31	30.2	5.36	36.0	6.81	41.9	8.45	44.8	9.33	47.7	9.94	50.1	9.98	51.3	10.06
	33	30.2	5.68	36.0	7.26	41.9	9.01	44.8	9.96	47.7	10.31	49.3	10.36	50.5	10.44
	35	30.2	6.05	36.0	7.72	41.9	9.59	44.8	10.62	47.0	10.69	48.4	10.73	49.6	10.81
	37	30.2	6.48	36.0	8.28	41.9	10.16	44.8	11.13	46.2	11.18	47.5	11.23	48.6	11.33
	39	30.2	6.94	36.0	8.89	41.9	10.77	44.8	11.67	45.4	11.72	46.7	11.77	47.8	11.88
	41	29.8	7.41	35.4	9.51	41.3	11.38	43.0	12.22	43.9	12.26	45.0	12.31	46.4	12.42
	43	28.7	7.84	34.2	10.08	39.8	11.92	41.2	12.68	41.7	12.73	43.0	12.77	44.1	12.89
46	26.9	8.44	32.1	10.87	37.3	12.64	37.6	13.28	38.0	13.32	39.3	13.36	40.3	13.48	
48	23.8	7.28	28.4	9.40	32.2	10.81	32.7	11.27	33.0	11.30	34.1	11.33	35.1	11.42	
90	10	27.2	2.75	32.5	3.31	37.8	3.90	40.3	4.20	42.9	4.52	48.2	5.06	53.4	5.63
	12	27.2	2.79	32.5	3.36	37.8	3.97	40.3	4.29	42.9	4.63	48.2	5.16	53.4	5.73
	14	27.2	2.84	32.5	3.43	37.8	4.05	40.3	4.37	42.9	4.71	48.2	5.26	53.4	5.85
	16	27.2	2.89	32.5	3.49	37.8	4.14	40.3	4.46	42.9	4.79	48.2	5.36	53.4	5.95
	18	27.2	2.94	32.5	3.56	37.8	4.20	40.3	4.56	42.9	4.90	48.2	5.48	53.4	6.25
	20	27.2	2.99	32.5	3.63	37.8	4.29	40.3	4.64	42.9	5.08	48.2	5.87	53.4	6.55
	21	27.2	3.02	32.5	3.66	37.8	4.37	40.3	4.79	42.9	5.27	48.2	5.96	53.4	6.70
	23	27.2	3.09	32.5	3.82	37.8	4.68	40.3	5.15	42.9	5.64	48.2	6.32	52.7	7.01
	25	27.2	3.24	32.5	4.07	37.8	5.00	40.3	5.50	42.9	6.03	48.2	6.76	51.9	7.31
	27	27.2	3.46	32.5	4.34	37.8	5.33	40.3	5.88	42.9	6.45	48.2	7.19	51.2	7.65
	29	27.2	3.66	32.5	4.63	37.8	5.71	40.3	6.28	42.9	6.89	48.2	7.61	50.4	7.96
	31	27.2	3.90	32.5	4.93	37.8	6.08	40.3	6.69	42.9	7.34	48.2	7.99	49.7	8.27
	33	27.2	4.15	32.5	5.25	37.8	6.48	40.3	7.12	42.9	7.79	48.2	8.38	48.9	8.58
	35	27.2	4.41	32.5	5.57	37.8	6.89	40.3	7.60	42.9	8.26	47.3	8.86	48.1	9.06
	37	27.2	4.68	32.5	5.93	37.8	7.34	40.3	8.07	42.9	8.72	46.6	9.26	47.4	9.47
	39	27.2	4.95	32.5	6.30	37.8	7.77	40.3	8.59	42.9	9.17	45.8	9.77	46.6	9.88
	41	26.5	5.54	31.6	6.99	36.8	8.53	39.3	9.39	41.8	9.90	43.9	10.29	44.7	10.53
	43	25.8	5.98	30.9	7.55	35.9	9.32	38.3	10.11	40.7	10.61	42.1	11.02	42.9	11.15
46	24.2	6.73	28.9	8.60	33.6	10.62	35.9	11.47	37.0	11.79	38.4	12.10	39.1	12.11	
48	21.4	5.88	25.6	7.52	29.7	9.29	31.8	10.00	32.2	10.16	33.4	10.41	34.0	10.43	
80	10	24.2	2.31	28.8	2.78	33.4	3.26	35.8	3.52	38.2	3.78	42.9	4.31	47.5	4.68
	12	24.2	2.36	28.8	2.81	33.4	3.33	35.8	3.58	38.2	3.84	42.9	4.39	47.5	4.77
	14	24.2	2.39	28.8	2.88	33.4	3.37	35.8	3.65	38.2	3.90	42.9	4.47	47.5	4.86
	16	24.2	2.43	28.8	2.92	33.4	3.44	35.8	3.71	38.2	3.99	42.9	4.56	47.5	4.95
	18	24.2	2.47	28.8	2.97	33.4	3.50	35.8	3.78	38.2	4.07	42.9	4.64	47.5	5.06
	20	24.2	2.52	28.8	3.04	33.4	3.58	35.8	3.86	38.2	4.15	42.9	4.82	47.5	5.36
	21	24.2	2.54	28.8	3.07	33.4	3.62	35.8	3.90	38.2	4.24	42.9	4.97	47.5	5.50
	23	24.2	2.59	28.8	3.12	33.4	3.78	35.8	4.15	38.2	4.53	42.9	5.25	47.5	5.78
	25	24.2	2.68	28.8	3.33	33.4	4.05	35.8	4.44	38.2	4.85	42.9	5.62	47.5	6.18
	27	24.2	2.84	28.8	3.54	33.4	4.32	35.8	4.74	38.2	5.17	42.9	5.97	47.5	6.50
	29	24.2	3.02	28.8	3.78	33.4	4.60	35.8	5.05	38.2	5.53	42.9	6.40	47.5	6.96
	31	24.2	3.21	28.8	4.00	33.4	4.90	35.8	5.38	38.2	5.88	42.9	6.79	47.5	7.30
	33	24.2	3.41	28.8	4.27	33.4	5.22	35.8	5.74	38.2	6.27	42.9	7.15	47.5	7.66
	35	24.2	3.62	28.8	4.53	33.4	5.56	35.8	6.11	38.2	6.69	42.9	7.58	47.0	7.94
	37	24.2	3.82	28.8	4.82	33.4	5.90	35.8	6.49	38.2	7.10	42.9	8.00	46.3	8.30
	39	24.2	4.04	28.8	5.09	33.4	6.31	35.8	6.98	38.2	7.63	42.9	8.46	45.5	8.75
	41	23.5	4.47	28.1	5.64	32.6	6.92	34.9	7.65	37.3	8.39	41.8	9.41	43.6	9.70
	43	23.0	4.92	27.4	6.16	31.8	7.56	34.1	8.34	36.3	9.17	40.7	10.07	41.8	10.39
46	21.5	5.48	25.6	6.94	29.8	8.52	31.9	9.28	34.1	10.34	37.3	10.99	38.1	11.17	
48	19.0	4.78	22.7	6.07	26.3	7.45	28.2	8.11	30.1	9.05	32.4	9.52	33.1	9.62	

7. Capacity Tables

Cooling Capacity (16HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI	TC	PI	
70	10	21.1	2.04	25.3	2.43	29.3	2.81	31.4	3.04	33.4	3.24	37.4	3.69	41.6	4.13
	12	21.1	2.07	25.3	2.46	29.3	2.87	31.4	3.08	33.4	3.31	37.4	3.76	41.6	4.21
	14	21.1	2.10	25.3	2.49	29.3	2.92	31.4	3.13	33.4	3.36	37.4	3.84	41.6	4.29
	16	21.1	2.14	25.3	2.54	29.3	2.97	31.4	3.20	33.4	3.42	37.4	3.90	41.6	4.38
	18	21.1	2.17	25.3	2.59	29.3	3.04	31.4	3.26	33.4	3.49	37.4	3.97	41.6	4.46
	20	21.1	2.20	25.3	2.63	29.3	3.08	31.4	3.32	33.4	3.57	37.4	4.06	41.6	4.63
	21	21.1	2.23	25.3	2.65	29.3	3.12	31.4	3.36	33.4	3.60	37.4	4.13	41.6	4.72
	23	21.1	2.26	25.3	2.71	29.3	3.18	31.4	3.47	33.4	3.77	37.4	4.42	41.6	4.99
	25	21.1	2.30	25.3	2.81	29.3	3.39	31.4	3.71	33.4	4.03	37.4	4.72	41.6	5.23
	27	21.1	2.43	25.3	3.00	29.3	3.61	31.4	3.94	33.4	4.30	37.4	5.04	41.6	5.56
	29	21.1	2.59	25.3	3.18	29.3	3.84	31.4	4.19	33.4	4.58	37.4	5.38	41.6	5.95
	31	21.1	2.75	25.3	3.39	29.3	4.10	31.4	4.48	33.4	4.88	37.4	5.73	41.6	6.32
	33	21.1	2.91	25.3	3.58	29.3	4.35	31.4	4.75	33.4	5.19	37.4	6.10	41.6	6.73
	35	21.1	3.07	25.3	3.82	29.3	4.63	31.4	5.06	33.4	5.53	37.4	6.50	41.6	7.13
	37	21.1	3.26	25.3	4.05	29.3	4.91	31.4	5.38	33.4	5.88	37.4	6.92	41.6	7.53
	39	21.1	3.46	25.3	4.32	29.3	5.26	31.4	5.79	33.4	6.35	37.4	7.41	41.6	8.11
	41	20.6	3.83	24.6	4.73	28.5	5.76	30.6	6.35	32.6	6.90	36.5	8.14	40.5	8.75
	43	20.1	4.17	24.0	5.15	27.8	6.29	29.8	6.92	31.8	7.54	35.6	8.89	39.5	9.46
46	18.8	4.63	22.5	5.80	26.1	7.08	27.9	7.71	29.8	8.50	33.3	10.03	37.0	10.55	
48	16.6	4.04	19.9	5.06	23.1	6.19	24.7	6.74	26.3	7.43	29.5	8.77	32.8	9.13	
60	10	18.1	1.77	21.6	2.07	25.1	2.41	26.9	2.58	28.6	2.75	32.2	3.11	35.7	3.48
	12	18.1	1.80	21.6	2.10	25.1	2.44	26.9	2.62	28.6	2.79	32.2	3.16	35.7	3.55
	14	18.1	1.81	21.6	2.14	25.1	2.49	26.9	2.66	28.6	2.84	32.2	3.23	35.7	3.61
	16	18.1	1.85	21.6	2.18	25.1	2.52	26.9	2.71	28.6	2.91	32.2	3.29	35.7	3.68
	18	18.1	1.88	21.6	2.22	25.1	2.57	26.9	2.76	28.6	2.95	32.2	3.34	35.7	3.76
	20	18.1	1.91	21.6	2.25	25.1	2.62	26.9	2.81	28.6	3.00	32.2	3.40	35.7	3.84
	21	18.1	1.93	21.6	2.26	25.1	2.65	26.9	2.84	28.6	3.03	32.2	3.45	35.7	3.87
	23	18.1	1.96	21.6	2.31	25.1	2.68	26.9	2.89	28.6	3.10	32.2	3.58	35.7	4.11
	25	18.1	1.99	21.6	2.36	25.1	2.79	26.9	3.03	28.6	3.29	32.2	3.82	35.7	4.40
	27	18.1	2.05	21.6	2.49	25.1	2.97	26.9	3.23	28.6	3.50	32.2	4.06	35.7	4.69
	29	18.1	2.18	21.6	2.65	25.1	3.16	26.9	3.44	28.6	3.72	32.2	4.33	35.7	5.01
	31	18.1	2.31	21.6	2.81	25.1	3.36	26.9	3.66	28.6	3.97	32.2	4.62	35.7	5.33
	33	18.1	2.44	21.6	2.97	25.1	3.56	26.9	3.88	28.6	4.22	32.2	4.91	35.7	5.68
	35	18.1	2.58	21.6	3.16	25.1	3.79	26.9	4.13	28.6	4.48	32.2	5.23	35.7	6.04
	37	18.1	2.73	21.6	3.34	25.1	4.01	26.9	4.38	28.6	4.75	32.2	5.55	35.7	6.42
	39	18.1	2.90	21.6	3.55	25.1	4.33	26.9	4.70	28.6	5.11	32.2	5.96	35.7	6.88
	41	17.6	3.15	21.0	3.89	24.5	4.70	26.2	5.14	27.9	5.55	31.3	6.54	34.8	7.48
	43	17.2	3.42	20.5	4.23	23.9	5.13	25.5	5.60	27.2	6.05	30.6	7.13	33.9	8.17
46	16.1	3.83	19.2	4.75	22.4	5.77	23.9	6.29	25.5	6.81	28.6	8.04	31.8	9.31	
48	14.2	3.34	17.0	4.15	19.8	5.04	21.2	5.50	22.6	5.95	25.3	7.03	28.1	8.14	
50	10	15.1	1.52	18.1	1.76	21.0	2.01	22.4	2.15	23.8	2.28	26.7	2.57	29.8	2.86
	12	15.1	1.54	18.1	1.78	21.0	2.04	22.4	2.18	23.8	2.33	26.7	2.62	29.8	2.90
	14	15.1	1.56	18.1	1.81	21.0	2.07	22.4	2.21	23.8	2.36	26.7	2.65	29.8	2.95
	16	15.1	1.59	18.1	1.85	21.0	2.10	22.4	2.26	23.8	2.39	26.7	2.70	29.8	3.00
	18	15.1	1.60	18.1	1.86	21.0	2.13	22.4	2.29	23.8	2.44	26.7	2.74	29.8	3.06
	20	15.1	1.62	18.1	1.89	21.0	2.18	22.4	2.33	23.8	2.49	26.7	2.79	29.8	3.13
	21	15.1	1.64	18.1	1.91	21.0	2.20	22.4	2.36	23.8	2.50	26.7	2.82	29.8	3.16
	23	15.1	1.67	18.1	1.94	21.0	2.23	22.4	2.39	23.8	2.55	26.7	2.87	29.8	3.22
	25	15.1	1.68	18.1	1.97	21.0	2.28	22.4	2.44	23.8	2.63	26.7	3.02	29.8	3.45
	27	15.1	1.72	18.1	2.04	21.0	2.41	22.4	2.60	23.8	2.79	26.7	3.22	29.8	3.67
	29	15.1	1.81	18.1	2.17	21.0	2.55	22.4	2.76	23.8	2.97	26.7	3.42	29.8	3.90
	31	15.1	1.91	18.1	2.29	21.0	2.71	22.4	2.92	23.8	3.16	26.7	3.64	29.8	4.16
	33	15.1	2.02	18.1	2.42	21.0	2.87	22.4	3.10	23.8	3.35	26.7	3.87	29.8	4.43
	35	15.1	2.13	18.1	2.57	21.0	3.03	22.4	3.29	23.8	3.55	26.7	4.09	29.8	4.70
	37	15.1	2.26	18.1	2.71	21.0	3.21	22.4	3.48	23.8	3.75	26.7	4.36	29.8	4.99
	39	15.1	2.41	18.1	2.91	21.0	3.44	22.4	3.75	23.8	4.03	26.7	4.65	29.8	5.39
	41	14.7	2.61	17.6	3.15	20.4	3.76	21.8	4.06	23.2	4.36	26.0	5.10	29.0	5.85
	43	14.4	2.84	17.2	3.42	19.9	4.09	21.3	4.42	22.7	4.75	25.4	5.56	28.3	6.38
46	13.5	3.18	16.1	3.84	18.7	4.59	19.9	4.96	21.2	5.34	23.8	6.25	26.5	7.19	
48	11.9	2.77	14.2	3.35	16.5	4.00	17.6	4.33	18.8	4.66	21.1	5.46	23.4	6.28	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM180BTE5

Cooling Capacity (18HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI			
130	10	46.1	4.17	54.9	5.09	58.8	5.91	60.5	6.03	62.2	6.07	65.2	6.12	66.9	6.15
	12	46.1	4.27	54.9	5.27	58.8	6.15	60.5	6.19	62.2	6.24	65.2	6.29	66.9	6.34
	14	46.1	4.41	54.9	5.46	58.8	6.38	60.5	6.43	62.2	6.48	65.2	6.53	66.9	6.59
	16	46.1	4.57	54.9	5.65	58.8	6.67	60.5	6.73	62.2	6.78	65.2	6.84	66.9	6.90
	18	46.1	4.77	54.9	5.98	58.8	6.97	60.5	7.12	62.2	7.18	65.2	7.25	66.9	7.30
	20	46.1	4.98	54.9	6.37	58.8	7.32	60.5	7.83	62.2	7.90	64.2	7.98	65.9	8.03
	21	46.1	5.11	54.9	6.60	58.8	7.47	60.5	8.29	62.2	8.36	63.9	8.44	65.6	8.50
	23	46.1	5.48	54.9	6.94	58.8	7.86	60.5	9.15	61.4	9.22	62.9	9.31	64.6	9.38
	25	46.1	5.85	54.9	7.34	58.8	8.40	59.8	10.15	60.5	10.23	62.2	10.33	63.9	10.40
	27	46.1	6.26	54.9	7.84	58.1	8.95	58.8	11.17	59.8	11.26	61.4	11.37	62.9	11.45
	29	46.1	6.67	54.9	8.39	57.1	9.63	58.0	12.28	58.8	12.35	60.5	12.46	62.2	12.51
	31	46.1	7.12	54.7	8.83	56.2	10.24	57.1	12.22	58.0	12.30	59.6	12.41	61.2	12.46
	33	46.1	7.58	53.8	9.36	55.4	10.98	56.3	12.11	57.1	12.18	58.8	12.29	60.3	12.34
	35	46.1	8.09	52.8	9.80	54.5	11.89	55.4	11.95	56.3	12.03	57.9	12.13	59.6	12.18
	37	46.1	8.62	52.1	10.29	53.8	11.74	54.5	11.80	55.4	11.87	56.9	11.97	58.6	12.02
	39	46.1	9.18	51.1	10.83	52.8	11.58	53.8	11.64	54.5	11.71	56.2	11.81	57.9	11.86
	41	44.9	9.74	49.0	11.37	50.7	11.42	51.4	11.48	52.4	11.55	54.0	11.65	55.5	11.70
	43	43.8	10.27	47.0	11.21	48.6	11.27	49.3	11.32	50.3	11.39	51.9	11.49	53.3	11.54
46	41.0	11.00	42.9	10.97	44.4	11.03	45.1	11.09	46.0	11.15	47.5	11.25	48.8	11.30	
48	36.3	10.69	37.2	10.72	38.6	10.75	39.2	10.78	40.1	10.87	41.3	10.94	42.5	10.98	
120	10	42.6	3.75	50.7	4.60	55.4	5.46	57.1	5.90	58.7	5.99	61.9	6.02	63.5	6.07
	12	42.6	3.85	50.7	4.75	55.4	5.68	57.1	6.03	58.7	6.22	61.9	6.29	63.5	6.34
	14	42.6	3.98	50.7	4.91	55.4	5.91	57.1	6.25	58.7	6.44	61.9	6.54	63.5	6.59
	16	42.6	4.12	50.7	5.11	55.4	6.14	57.1	6.49	58.7	6.74	61.9	6.82	63.5	6.88
	18	42.6	4.29	50.7	5.34	55.4	6.38	57.1	6.83	58.7	7.09	61.9	7.17	63.5	7.23
	20	42.6	4.45	50.7	5.66	55.4	6.73	57.1	7.19	58.7	7.46	61.9	7.56	63.5	7.62
	21	42.6	4.58	50.7	5.87	55.4	6.92	57.1	7.40	58.7	7.71	61.9	7.81	63.5	7.87
	23	42.6	4.90	50.7	6.28	55.4	7.41	57.1	7.86	58.7	8.22	61.9	8.30	63.5	8.37
	25	42.6	5.24	50.7	6.73	55.4	7.82	57.1	8.38	58.7	8.81	61.2	8.89	62.7	8.96
	27	42.6	5.59	50.7	7.19	55.4	8.32	57.1	8.95	58.7	9.47	60.3	9.54	61.8	9.61
	29	42.6	5.96	50.7	7.68	55.4	8.75	57.1	9.58	57.8	10.09	59.3	10.25	61.0	10.33
	31	42.6	6.35	50.7	8.20	55.4	9.21	56.3	10.27	57.1	10.83	58.6	11.02	60.1	11.11
	33	42.6	6.76	50.7	8.74	54.6	9.74	55.4	11.14	56.1	11.63	57.6	11.76	59.1	11.85
	35	42.6	7.19	50.7	9.32	53.7	10.31	54.4	12.28	55.4	12.34	56.9	12.37	58.4	12.47
	37	42.6	7.74	50.7	9.83	52.9	10.99	53.7	12.02	54.4	12.08	55.9	12.11	57.4	12.21
	39	42.6	8.33	50.5	10.39	52.0	11.65	52.7	11.77	53.5	11.83	55.2	11.86	56.7	11.96
	41	41.5	8.92	48.3	10.95	49.9	11.42	50.6	11.52	51.4	11.58	52.8	11.62	54.4	11.71
	43	40.5	9.52	46.3	10.79	47.9	11.17	48.6	11.28	49.3	11.33	50.7	11.37	52.2	11.46
46	38.0	10.24	42.2	10.54	43.7	10.82	44.4	10.91	45.0	10.96	46.4	10.99	47.8	11.08	
48	33.6	10.03	36.6	10.35	38.0	10.61	38.6	10.67	39.2	10.70	40.4	10.75	41.6	10.79	
110	10	39.0	3.37	46.5	4.11	51.9	4.88	53.4	5.28	56.8	5.69	58.1	5.84	62.0	5.94
	12	39.0	3.48	46.5	4.25	51.9	5.08	53.4	5.43	56.8	5.90	58.1	6.09	62.0	6.23
	14	39.0	3.58	46.5	4.44	51.9	5.31	53.4	5.70	56.8	6.20	58.1	6.37	62.0	6.51
	16	39.0	3.71	46.5	4.60	51.9	5.53	53.4	5.95	56.8	6.48	58.1	6.66	62.0	6.78
	18	39.0	3.85	46.5	4.79	51.9	5.85	53.4	6.26	56.8	6.84	58.1	6.97	62.0	7.10
	20	39.0	3.99	46.5	5.03	51.9	6.21	53.4	6.55	56.8	7.17	58.1	7.35	62.0	7.46
	21	39.0	4.08	46.5	5.18	51.9	6.36	53.4	6.73	56.8	7.37	58.1	7.55	62.0	7.67
	23	39.0	4.34	46.5	5.55	51.9	6.72	53.4	7.10	56.8	7.78	58.1	7.95	62.0	8.08
	25	39.0	4.64	46.5	5.93	51.9	7.10	53.4	7.51	56.8	8.22	58.1	8.34	61.3	8.51
	27	39.0	4.96	46.5	6.34	51.9	7.50	53.4	7.95	56.8	8.59	58.1	8.79	60.4	8.94
	29	39.0	5.29	46.5	6.76	51.9	7.93	53.4	8.42	56.8	9.08	58.1	9.23	59.6	9.37
	31	39.0	5.63	46.5	7.21	51.9	8.38	53.4	8.92	55.9	9.54	57.4	9.72	58.7	9.83
	33	39.0	6.00	46.5	7.68	51.9	8.85	53.4	9.45	55.1	10.07	56.4	10.24	57.9	10.30
	35	39.0	6.37	46.5	8.20	51.9	9.35	53.4	10.01	54.2	10.63	55.5	10.73	57.0	10.78
	37	39.0	6.75	46.5	8.70	51.9	9.87	52.7	10.61	53.2	11.21	54.7	11.25	56.0	11.28
	39	39.0	7.28	46.5	9.25	51.0	10.41	51.7	11.35	52.5	11.77	53.8	11.79	55.3	11.80
	41	38.0	7.81	45.3	9.79	48.8	10.98	49.6	12.28	50.2	12.28	51.7	12.37	53.0	12.47
	43	37.1	8.20	44.2	10.20	46.8	11.64	47.5	11.77	48.2	11.75	49.6	11.82	50.8	11.85
46	34.7	8.00	41.4	9.85	42.7	11.05	43.4	11.05	44.0	11.15	45.3	11.21	46.5	11.24	
48	30.7	7.77	36.0	9.49	37.1	10.51	37.7	10.58	38.2	10.64	39.4	10.67	40.5	10.71	

7. Capacity Tables

Cooling Capacity (18HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	34.0	3.04	40.5	3.69	47.2	4.38	50.4	4.73	53.6	5.08	59.5	5.66	60.8	5.70
	12	34.0	3.13	40.5	3.84	47.2	4.52	50.4	4.86	53.6	5.24	59.5	5.96	60.8	6.02
	14	34.0	3.23	40.5	3.99	47.2	4.72	50.4	5.07	53.6	5.47	59.5	6.29	60.8	6.35
	16	34.0	3.33	40.5	4.13	47.2	4.92	50.4	5.31	53.6	5.76	59.5	6.60	60.8	6.69
	18	34.0	3.43	40.5	4.28	47.2	5.11	50.4	5.57	53.6	6.11	59.5	6.97	60.8	7.03
	20	34.0	3.55	40.5	4.44	47.2	5.40	50.4	5.96	53.6	6.54	59.5	7.30	60.8	7.36
	21	34.0	3.62	40.5	4.55	47.2	5.59	50.4	6.17	53.6	6.78	59.5	7.47	60.8	7.53
	23	34.0	3.84	40.5	4.86	47.2	6.00	50.4	6.61	53.6	7.27	59.5	7.82	60.8	7.89
	25	34.0	4.08	40.5	5.18	47.2	6.41	50.4	7.08	53.6	7.77	59.5	8.16	60.3	8.22
	27	34.0	4.36	40.5	5.53	47.2	6.86	50.4	7.57	53.6	8.26	58.3	8.54	59.5	8.61
	29	34.0	4.64	40.5	5.91	47.2	7.32	50.4	8.09	53.6	8.74	57.2	8.89	58.6	8.96
	31	34.0	4.96	40.5	6.30	47.2	7.81	50.4	8.63	53.6	9.19	56.4	9.23	57.7	9.30
	33	34.0	5.25	40.5	6.71	47.2	8.33	50.4	9.21	53.6	9.53	55.5	9.57	56.8	9.65
	35	34.0	5.59	40.5	7.14	47.2	8.87	50.4	9.82	52.8	9.88	54.5	9.92	55.8	10.00
	37	34.0	5.99	40.5	7.65	47.2	9.40	50.4	10.29	52.0	10.34	53.4	10.38	54.7	10.48
	39	34.0	6.42	40.5	8.22	47.2	9.96	50.4	10.79	51.1	10.84	52.6	10.88	53.8	10.98
	41	33.5	6.85	39.9	8.79	46.4	10.52	48.4	11.29	49.4	11.34	50.6	11.38	52.2	11.48
	43	32.3	7.25	38.5	9.32	44.8	11.02	46.4	11.73	46.9	11.77	48.4	11.81	49.6	11.92
46	30.3	7.80	36.1	10.05	42.0	11.69	42.3	12.28	42.8	12.31	44.2	12.35	45.4	12.46	
48	26.8	6.73	31.9	8.69	36.3	9.99	36.8	10.42	37.2	10.45	38.4	10.47	39.4	10.56	
90	10	30.6	2.77	36.5	3.33	42.5	3.92	45.4	4.23	48.2	4.55	54.2	5.09	60.1	5.66
	12	30.6	2.80	36.5	3.38	42.5	3.99	45.4	4.31	48.2	4.65	54.2	5.19	60.1	5.76
	14	30.6	2.85	36.5	3.45	42.5	4.07	45.4	4.40	48.2	4.74	54.2	5.29	60.1	5.88
	16	30.6	2.90	36.5	3.51	42.5	4.16	45.4	4.48	48.2	4.82	54.2	5.39	60.1	5.98
	18	30.6	2.95	36.5	3.58	42.5	4.23	45.4	4.58	48.2	4.92	54.2	5.51	60.1	6.28
	20	30.6	3.00	36.5	3.65	42.5	4.31	45.4	4.67	48.2	5.11	54.2	5.90	60.1	6.58
	21	30.6	3.04	36.5	3.68	42.5	4.40	45.4	4.82	48.2	5.30	54.2	5.99	60.1	6.73
	23	30.6	3.11	36.5	3.84	42.5	4.70	45.4	5.18	48.2	5.67	54.2	6.36	59.3	7.05
	25	30.6	3.26	36.5	4.09	42.5	5.02	45.4	5.53	48.2	6.06	54.2	6.80	58.4	7.35
	27	30.6	3.48	36.5	4.36	42.5	5.36	45.4	5.91	48.2	6.48	54.2	7.23	57.6	7.69
	29	30.6	3.68	36.5	4.65	42.5	5.74	45.4	6.31	48.2	6.92	54.2	7.65	56.7	8.00
	31	30.6	3.92	36.5	4.96	42.5	6.11	45.4	6.72	48.2	7.38	54.2	8.04	55.9	8.31
	33	30.6	4.18	36.5	5.28	42.5	6.52	45.4	7.16	48.2	7.83	54.2	8.42	55.0	8.62
	35	30.6	4.43	36.5	5.60	42.5	6.92	45.4	7.64	48.2	8.30	53.2	8.91	54.2	9.11
	37	30.6	4.70	36.5	5.96	42.5	7.38	45.4	8.11	48.2	8.77	52.4	9.31	53.3	9.52
	39	30.6	4.98	36.5	6.34	42.5	7.81	45.4	8.63	48.2	9.22	51.5	9.82	52.4	9.94
	41	29.8	5.57	35.6	7.02	41.4	8.58	44.2	9.44	47.0	9.95	49.4	10.35	50.3	10.58
	43	29.1	6.01	34.7	7.59	40.4	9.37	43.1	10.17	45.8	10.67	47.3	11.08	48.2	11.21
46	27.3	6.77	32.5	8.64	37.8	10.67	40.4	11.53	41.7	11.85	43.2	12.16	44.0	12.18	
48	24.1	5.91	28.8	7.56	33.5	9.34	35.7	10.06	36.2	10.22	37.6	10.47	38.3	10.48	
80	10	27.2	2.33	32.4	2.80	37.6	3.28	40.3	3.54	43.0	3.80	48.2	4.33	53.5	4.70
	12	27.2	2.38	32.4	2.83	37.6	3.35	40.3	3.60	43.0	3.86	48.2	4.41	53.5	4.80
	14	27.2	2.41	32.4	2.89	37.6	3.39	40.3	3.67	43.0	3.93	48.2	4.49	53.5	4.89
	16	27.2	2.44	32.4	2.94	37.6	3.46	40.3	3.73	43.0	4.01	48.2	4.59	53.5	4.98
	18	27.2	2.49	32.4	2.99	37.6	3.52	40.3	3.80	43.0	4.09	48.2	4.67	53.5	5.09
	20	27.2	2.54	32.4	3.06	37.6	3.60	40.3	3.88	43.0	4.17	48.2	4.85	53.5	5.39
	21	27.2	2.55	32.4	3.09	37.6	3.64	40.3	3.93	43.0	4.27	48.2	5.00	53.5	5.54
	23	27.2	2.60	32.4	3.14	37.6	3.80	40.3	4.17	43.0	4.56	48.2	5.28	53.5	5.81
	25	27.2	2.70	32.4	3.35	37.6	4.07	40.3	4.46	43.0	4.88	48.2	5.65	53.5	6.21
	27	27.2	2.86	32.4	3.56	37.6	4.35	40.3	4.77	43.0	5.21	48.2	6.01	53.5	6.54
	29	27.2	3.04	32.4	3.80	37.6	4.62	40.3	5.08	43.0	5.56	48.2	6.44	53.5	7.00
	31	27.2	3.23	32.4	4.03	37.6	4.93	40.3	5.42	43.0	5.92	48.2	6.83	53.5	7.35
	33	27.2	3.43	32.4	4.30	37.6	5.25	40.3	5.77	43.0	6.30	48.2	7.20	53.5	7.70
	35	27.2	3.64	32.4	4.56	37.6	5.59	40.3	6.14	43.0	6.72	48.2	7.63	52.9	7.98
	37	27.2	3.85	32.4	4.85	37.6	5.93	40.3	6.53	43.0	7.14	48.2	8.05	52.0	8.35
	39	27.2	4.07	32.4	5.12	37.6	6.35	40.3	7.02	43.0	7.68	48.2	8.51	51.2	8.81
	41	26.5	4.50	31.6	5.68	36.7	6.96	39.3	7.70	41.9	8.44	47.0	9.47	49.0	9.76
	43	25.8	4.95	30.8	6.20	35.8	7.60	38.3	8.39	40.9	9.22	45.8	10.13	47.0	10.45
46	24.2	5.51	28.9	6.98	33.5	8.57	35.9	9.33	38.3	10.40	41.9	11.06	42.9	11.24	
48	21.4	4.81	25.5	6.10	29.6	7.49	31.8	8.15	33.9	9.11	36.4	9.57	37.3	9.67	

7. Capacity Tables

Cooling Capacity (18HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI	TC	PI	
70	10	23.8	2.05	28.4	2.44	32.9	2.83	35.3	3.06	37.6	3.27	42.1	3.72	46.8	4.16
	12	23.8	2.09	28.4	2.47	32.9	2.89	35.3	3.10	37.6	3.33	42.1	3.78	46.8	4.24
	14	23.8	2.12	28.4	2.51	32.9	2.94	35.3	3.15	37.6	3.38	42.1	3.86	46.8	4.31
	16	23.8	2.15	28.4	2.55	32.9	2.99	35.3	3.22	37.6	3.44	42.1	3.93	46.8	4.41
	18	23.8	2.18	28.4	2.60	32.9	3.06	35.3	3.28	37.6	3.51	42.1	3.99	46.8	4.49
	20	23.8	2.21	28.4	2.65	32.9	3.10	35.3	3.35	37.6	3.59	42.1	4.09	46.8	4.66
	21	23.8	2.25	28.4	2.67	32.9	3.14	35.3	3.38	37.6	3.62	42.1	4.15	46.8	4.75
	23	23.8	2.28	28.4	2.73	32.9	3.20	35.3	3.49	37.6	3.80	42.1	4.45	46.8	5.02
	25	23.8	2.31	28.4	2.83	32.9	3.41	35.3	3.73	37.6	4.06	42.1	4.75	46.8	5.26
	27	23.8	2.44	28.4	3.02	32.9	3.64	35.3	3.96	37.6	4.33	42.1	5.08	46.8	5.59
	29	23.8	2.60	28.4	3.20	32.9	3.86	35.3	4.22	37.6	4.61	42.1	5.42	46.8	5.99
	31	23.8	2.76	28.4	3.41	32.9	4.12	35.3	4.51	37.6	4.91	42.1	5.77	46.8	6.36
	33	23.8	2.93	28.4	3.61	32.9	4.38	35.3	4.79	37.6	5.22	42.1	6.14	46.8	6.77
	35	23.8	3.09	28.4	3.85	32.9	4.66	35.3	5.09	37.6	5.56	42.1	6.55	46.8	7.18
	37	23.8	3.28	28.4	4.08	32.9	4.95	35.3	5.42	37.6	5.92	42.1	6.97	46.8	7.58
	39	23.8	3.48	28.4	4.35	32.9	5.29	35.3	5.83	37.6	6.39	42.1	7.46	46.8	8.17
	41	23.2	3.85	27.7	4.76	32.1	5.80	34.4	6.39	36.7	6.95	41.0	8.19	45.6	8.81
	43	22.6	4.19	27.0	5.19	31.3	6.33	33.5	6.97	35.8	7.59	40.0	8.95	44.5	9.53
46	21.2	4.66	25.3	5.83	29.3	7.13	31.4	7.76	33.5	8.55	37.5	10.09	41.7	10.62	
48	18.7	4.07	22.4	5.10	26.0	6.23	27.8	6.78	29.6	7.48	33.2	8.83	36.9	9.19	
60	10	20.3	1.78	24.3	2.09	28.3	2.43	30.2	2.60	32.2	2.76	36.2	3.14	40.1	3.51
	12	20.3	1.81	24.3	2.12	28.3	2.46	30.2	2.64	32.2	2.81	36.2	3.18	40.1	3.57
	14	20.3	1.83	24.3	2.15	28.3	2.51	30.2	2.68	32.2	2.86	36.2	3.25	40.1	3.64
	16	20.3	1.86	24.3	2.20	28.3	2.54	30.2	2.73	32.2	2.93	36.2	3.31	40.1	3.70
	18	20.3	1.89	24.3	2.23	28.3	2.59	30.2	2.78	32.2	2.97	36.2	3.36	40.1	3.78
	20	20.3	1.92	24.3	2.26	28.3	2.64	30.2	2.83	32.2	3.02	36.2	3.43	40.1	3.86
	21	20.3	1.94	24.3	2.28	28.3	2.67	30.2	2.86	32.2	3.06	36.2	3.48	40.1	3.90
	23	20.3	1.97	24.3	2.33	28.3	2.70	30.2	2.91	32.2	3.12	36.2	3.61	40.1	4.14
	25	20.3	2.00	24.3	2.38	28.3	2.81	30.2	3.06	32.2	3.31	36.2	3.85	40.1	4.43
	27	20.3	2.07	24.3	2.51	28.3	2.99	30.2	3.25	32.2	3.52	36.2	4.09	40.1	4.72
	29	20.3	2.20	24.3	2.67	28.3	3.18	30.2	3.46	32.2	3.75	36.2	4.37	40.1	5.04
	31	20.3	2.33	24.3	2.83	28.3	3.38	30.2	3.69	32.2	3.99	36.2	4.66	40.1	5.37
	33	20.3	2.46	24.3	2.99	28.3	3.59	30.2	3.91	32.2	4.25	36.2	4.95	40.1	5.72
	35	20.3	2.60	24.3	3.18	28.3	3.82	30.2	4.15	32.2	4.51	36.2	5.27	40.1	6.08
	37	20.3	2.75	24.3	3.36	28.3	4.04	30.2	4.41	32.2	4.79	36.2	5.59	40.1	6.47
	39	20.3	2.92	24.3	3.58	28.3	4.36	30.2	4.74	32.2	5.15	36.2	6.00	40.1	6.93
	41	19.8	3.17	23.7	3.92	27.5	4.74	29.5	5.17	31.4	5.59	35.3	6.58	39.1	7.53
	43	19.3	3.44	23.1	4.26	26.9	5.16	28.7	5.64	30.6	6.10	34.4	7.19	38.1	8.23
46	18.1	3.86	21.6	4.79	25.2	5.81	26.9	6.34	28.7	6.86	32.2	8.10	35.7	9.37	
48	16.0	3.36	19.1	4.18	22.3	5.07	23.8	5.53	25.4	5.99	28.5	7.08	31.6	8.20	
50	10	17.0	1.54	20.3	1.78	23.6	2.02	25.2	2.17	26.8	2.30	30.1	2.59	33.5	2.88
	12	17.0	1.55	20.3	1.79	23.6	2.05	25.2	2.20	26.8	2.34	30.1	2.64	33.5	2.93
	14	17.0	1.57	20.3	1.83	23.6	2.09	25.2	2.23	26.8	2.38	30.1	2.67	33.5	2.97
	16	17.0	1.60	20.3	1.86	23.6	2.12	25.2	2.28	26.8	2.41	30.1	2.72	33.5	3.02
	18	17.0	1.62	20.3	1.88	23.6	2.15	25.2	2.31	26.8	2.46	30.1	2.76	33.5	3.09
	20	17.0	1.63	20.3	1.91	23.6	2.20	25.2	2.34	26.8	2.51	30.1	2.81	33.5	3.15
	21	17.0	1.65	20.3	1.92	23.6	2.22	25.2	2.38	26.8	2.52	30.1	2.85	33.5	3.19
	23	17.0	1.68	20.3	1.96	23.6	2.25	25.2	2.41	26.8	2.57	30.1	2.89	33.5	3.25
	25	17.0	1.70	20.3	1.99	23.6	2.30	25.2	2.46	26.8	2.65	30.1	3.04	33.5	3.48
	27	17.0	1.73	20.3	2.05	23.6	2.43	25.2	2.62	26.8	2.81	30.1	3.25	33.5	3.70
	29	17.0	1.83	20.3	2.18	23.6	2.57	25.2	2.78	26.8	2.99	30.1	3.44	33.5	3.93
	31	17.0	1.92	20.3	2.31	23.6	2.73	25.2	2.94	26.8	3.19	30.1	3.67	33.5	4.19
	33	17.0	2.04	20.3	2.44	23.6	2.89	25.2	3.12	26.8	3.38	30.1	3.90	33.5	4.46
	35	17.0	2.15	20.3	2.59	23.6	3.06	25.2	3.31	26.8	3.57	30.1	4.12	33.5	4.74
	37	17.0	2.28	20.3	2.73	23.6	3.23	25.2	3.51	26.8	3.78	30.1	4.40	33.5	5.03
	39	17.0	2.43	20.3	2.93	23.6	3.46	25.2	3.78	26.8	4.06	30.1	4.68	33.5	5.43
	41	16.6	2.63	19.8	3.17	23.0	3.79	24.6	4.09	26.1	4.40	29.3	5.13	32.6	5.90
	43	16.2	2.86	19.3	3.45	22.4	4.12	23.9	4.45	25.5	4.79	28.6	5.60	31.8	6.43
46	15.1	3.20	18.1	3.87	21.0	4.62	22.4	5.00	23.9	5.38	26.8	6.30	29.8	7.24	
48	13.4	2.79	16.0	3.37	18.6	4.03	19.9	4.37	21.1	4.69	23.7	5.51	26.4	6.33	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM200BTE5

Cooling Capacity (20HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI			
130	10	51.2	4.88	61.0	5.96	65.4	6.92	67.2	7.06	69.1	7.11	72.4	7.17	74.3	7.20
	12	51.2	5.00	61.0	6.17	65.4	7.20	67.2	7.25	69.1	7.31	72.4	7.36	74.3	7.43
	14	51.2	5.17	61.0	6.40	65.4	7.47	67.2	7.53	69.1	7.59	72.4	7.65	74.3	7.71
	16	51.2	5.36	61.0	6.62	65.4	7.81	67.2	7.88	69.1	7.94	72.4	8.01	74.3	8.08
	18	51.2	5.58	61.0	7.00	65.4	8.17	67.2	8.34	69.1	8.41	72.4	8.49	74.3	8.55
	20	51.2	5.83	61.0	7.46	65.4	8.57	67.2	9.17	69.1	9.25	71.4	9.34	73.3	9.40
	21	51.2	5.98	61.0	7.72	65.4	8.75	67.2	9.71	69.1	9.79	71.0	9.88	72.9	9.95
	23	51.2	6.42	61.0	8.13	65.4	9.20	67.2	10.71	68.2	10.80	69.9	10.91	71.8	10.98
	25	51.2	6.85	61.0	8.59	65.4	9.83	66.4	11.88	67.2	11.98	69.1	12.10	71.0	12.18
	27	51.2	7.33	61.0	9.19	64.5	10.48	65.4	13.08	66.4	13.18	68.2	13.32	69.9	13.41
	29	51.2	7.81	61.0	9.82	63.5	11.27	64.4	14.38	65.4	14.46	67.2	14.59	69.1	14.65
	31	51.2	8.34	60.8	10.35	62.4	11.99	63.5	14.31	64.4	14.40	66.2	14.53	68.1	14.59
	33	51.2	8.88	59.7	10.96	61.6	12.86	62.6	14.18	63.5	14.27	65.4	14.40	67.0	14.45
	35	51.2	9.47	58.7	11.48	60.6	13.93	61.6	14.00	62.6	14.08	64.3	14.21	66.2	14.27
	37	51.2	10.10	57.9	12.05	59.7	13.75	60.6	13.81	61.6	13.90	63.3	14.02	65.2	14.08
	39	51.2	10.75	56.8	12.68	58.7	13.56	59.7	13.63	60.6	13.71	62.4	13.83	64.3	13.89
	41	49.9	11.41	54.5	13.31	56.3	13.38	57.1	13.44	58.3	13.53	60.0	13.65	61.6	13.70
43	48.7	12.03	52.2	13.13	54.0	13.19	54.8	13.26	55.9	13.34	57.6	13.46	59.2	13.51	
46	45.6	12.88	47.6	12.85	49.3	12.92	50.1	12.98	51.2	13.06	52.8	13.18	54.2	13.23	
48	40.3	12.52	41.4	12.56	42.9	12.58	43.6	12.62	44.5	12.73	45.9	12.81	47.2	12.86	
120	10	47.4	4.39	56.3	5.38	61.5	6.39	63.4	6.91	65.3	7.02	68.8	7.05	70.5	7.10
	12	47.4	4.51	56.3	5.56	61.5	6.65	63.4	7.06	65.3	7.28	68.8	7.37	70.5	7.43
	14	47.4	4.66	56.3	5.75	61.5	6.92	63.4	7.32	65.3	7.55	68.8	7.66	70.5	7.72
	16	47.4	4.83	56.3	5.99	61.5	7.19	63.4	7.60	65.3	7.90	68.8	7.99	70.5	8.06
	18	47.4	5.02	56.3	6.26	61.5	7.48	63.4	8.00	65.3	8.30	68.8	8.40	70.5	8.46
	20	47.4	5.21	56.3	6.63	61.5	7.88	63.4	8.42	65.3	8.74	68.8	8.86	70.5	8.93
	21	47.4	5.37	56.3	6.87	61.5	8.10	63.4	8.66	65.3	9.03	68.8	9.14	70.5	9.22
	23	47.4	5.74	56.3	7.35	61.5	8.68	63.4	9.21	65.3	9.62	68.8	9.72	70.5	9.80
	25	47.4	6.13	56.3	7.88	61.5	9.15	63.4	9.81	65.3	10.32	68.0	10.41	69.7	10.49
	27	47.4	6.55	56.3	8.42	61.5	9.74	63.4	10.49	65.3	11.09	67.0	11.17	68.6	11.26
	29	47.4	6.98	56.3	8.99	61.5	10.25	63.4	11.22	64.2	11.82	65.9	12.00	67.8	12.10
	31	47.4	7.44	56.3	9.60	61.5	10.78	62.6	12.02	63.4	12.68	65.1	12.91	66.7	13.01
	33	47.4	7.92	56.3	10.23	60.7	11.40	61.5	13.05	62.4	13.61	64.0	13.77	65.7	13.88
	35	47.4	8.42	56.3	10.91	59.7	12.07	60.5	14.38	61.5	14.45	63.2	14.49	64.9	14.61
	37	47.4	9.06	56.3	11.51	58.8	12.87	59.7	14.07	60.5	14.14	62.2	14.19	63.8	14.30
	39	47.4	9.75	56.1	12.17	57.8	13.65	58.6	13.78	59.4	13.85	61.3	13.89	63.0	14.00
	41	46.1	10.45	53.7	12.82	55.5	13.38	56.2	13.49	57.1	13.56	58.7	13.60	60.4	13.71
43	45.0	11.15	51.4	12.64	53.2	13.08	54.0	13.21	54.8	13.27	56.4	13.31	58.0	13.42	
46	42.2	11.99	46.9	12.34	48.6	12.67	49.3	12.77	50.0	12.84	51.5	12.87	53.1	12.98	
48	37.3	11.75	40.7	12.12	42.2	12.42	42.9	12.50	43.5	12.54	44.9	12.59	46.2	12.64	
110	10	43.3	3.95	51.7	4.81	57.7	5.72	59.4	6.19	63.1	6.66	64.6	6.84	68.9	6.96
	12	43.3	4.07	51.7	4.97	57.7	5.95	59.4	6.36	63.1	6.91	64.6	7.13	68.9	7.29
	14	43.3	4.20	51.7	5.20	57.7	6.22	59.4	6.68	63.1	7.26	64.6	7.46	68.9	7.62
	16	43.3	4.35	51.7	5.39	57.7	6.48	59.4	6.97	63.1	7.59	64.6	7.80	68.9	7.93
	18	43.3	4.51	51.7	5.61	57.7	6.85	59.4	7.34	63.1	8.01	64.6	8.17	68.9	8.32
	20	43.3	4.67	51.7	5.89	57.7	7.27	59.4	7.67	63.1	8.40	64.6	8.60	68.9	8.74
	21	43.3	4.77	51.7	6.07	57.7	7.45	59.4	7.88	63.1	8.63	64.6	8.85	68.9	8.98
	23	43.3	5.08	51.7	6.50	57.7	7.87	59.4	8.32	63.1	9.12	64.6	9.31	68.9	9.47
	25	43.3	5.43	51.7	6.94	57.7	8.31	59.4	8.80	63.1	9.63	64.6	9.77	68.1	9.97
	27	43.3	5.80	51.7	7.42	57.7	8.78	59.4	9.31	63.1	10.06	64.6	10.29	67.1	10.46
	29	43.3	6.20	51.7	7.92	57.7	9.28	59.4	9.86	63.1	10.63	64.6	10.81	66.2	10.98
	31	43.3	6.59	51.7	8.44	57.7	9.81	59.4	10.44	62.1	11.17	63.7	11.39	65.2	11.51
	33	43.3	7.03	51.7	8.99	57.7	10.36	59.4	11.07	61.2	11.80	62.7	11.99	64.4	12.06
	35	43.3	7.46	51.7	9.60	57.7	10.95	59.4	11.73	60.2	12.45	61.7	12.56	63.3	12.63
	37	43.3	7.91	51.7	10.19	57.7	11.56	58.5	12.42	59.2	13.13	60.8	13.18	62.3	13.21
	39	43.3	8.53	51.7	10.83	56.7	12.19	57.5	13.29	58.3	13.78	59.8	13.80	61.5	13.82
	41	42.2	9.15	50.3	11.47	54.2	12.86	55.1	14.38	55.8	14.38	57.4	14.49	58.9	14.61
43	41.2	9.60	49.1	11.95	52.0	13.64	52.8	13.79	53.5	13.76	55.1	13.84	56.5	13.88	
46	38.6	9.37	46.0	11.53	47.4	12.94	48.2	12.94	48.9	13.05	50.4	13.12	51.7	13.16	
48	34.1	9.10	40.0	11.11	41.2	12.31	41.9	12.39	42.5	12.45	43.8	12.49	45.0	12.54	

7. Capacity Tables

Cooling Capacity (20HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	37.8	3.55	45.0	4.32	52.4	5.13	56.0	5.54	59.6	5.95	66.1	6.62	67.5	6.68
	12	37.8	3.67	45.0	4.50	52.4	5.30	56.0	5.69	59.6	6.14	66.1	6.98	67.5	7.05
	14	37.8	3.78	45.0	4.68	52.4	5.52	56.0	5.93	59.6	6.41	66.1	7.37	67.5	7.44
	16	37.8	3.90	45.0	4.83	52.4	5.76	56.0	6.22	59.6	6.75	66.1	7.73	67.5	7.84
	18	37.8	4.01	45.0	5.01	52.4	5.98	56.0	6.52	59.6	7.16	66.1	8.16	67.5	8.23
	20	37.8	4.16	45.0	5.20	52.4	6.33	56.0	6.98	59.6	7.66	66.1	8.55	67.5	8.62
	21	37.8	4.24	45.0	5.32	52.4	6.55	56.0	7.22	59.6	7.94	66.1	8.75	67.5	8.82
	23	37.8	4.50	45.0	5.70	52.4	7.03	56.0	7.75	59.6	8.51	66.1	9.16	67.5	9.24
	25	37.8	4.78	45.0	6.07	52.4	7.51	56.0	8.29	59.6	9.10	66.1	9.55	67.0	9.63
	27	37.8	5.11	45.0	6.48	52.4	8.03	56.0	8.86	59.6	9.67	64.8	10.00	66.2	10.08
	29	37.8	5.43	45.0	6.92	52.4	8.58	56.0	9.47	59.6	10.24	63.6	10.41	65.2	10.49
	31	37.8	5.80	45.0	7.38	52.4	9.14	56.0	10.10	59.6	10.76	62.6	10.81	64.2	10.90
	33	37.8	6.15	45.0	7.86	52.4	9.75	56.0	10.78	59.6	11.16	61.6	11.21	63.2	11.30
	35	37.8	6.55	45.0	8.36	52.4	10.39	56.0	11.50	58.7	11.57	60.5	11.61	62.0	11.71
	37	37.8	7.01	45.0	8.96	52.4	11.00	56.0	12.05	57.7	12.11	59.4	12.16	60.8	12.27
	39	37.8	7.52	45.0	9.63	52.4	11.66	56.0	12.64	56.8	12.69	58.4	12.74	59.8	12.86
	41	37.2	8.02	44.3	10.29	51.6	12.32	53.7	13.23	54.9	13.28	56.2	13.32	58.0	13.45
	43	35.9	8.49	42.8	10.91	49.8	12.90	51.5	13.73	52.1	13.78	53.7	13.82	55.1	13.95
46	33.7	9.13	40.1	11.77	46.7	13.69	47.0	14.38	47.5	14.42	49.1	14.46	50.4	14.60	
48	29.8	7.89	35.5	10.18	40.3	11.70	40.9	12.20	41.3	12.24	42.7	12.26	43.8	12.36	
90	10	34.0	3.14	40.6	3.77	47.2	4.44	50.4	4.79	53.6	5.16	60.2	5.77	66.8	6.42
	12	34.0	3.17	40.6	3.83	47.2	4.52	50.4	4.89	53.6	5.27	60.2	5.89	66.8	6.53
	14	34.0	3.23	40.6	3.91	47.2	4.62	50.4	4.98	53.6	5.37	60.2	6.00	66.8	6.67
	16	34.0	3.29	40.6	3.98	47.2	4.71	50.4	5.08	53.6	5.46	60.2	6.11	66.8	6.78
	18	34.0	3.35	40.6	4.06	47.2	4.79	50.4	5.20	53.6	5.58	60.2	6.25	66.8	7.12
	20	34.0	3.41	40.6	4.14	47.2	4.89	50.4	5.29	53.6	5.79	60.2	6.69	66.8	7.46
	21	34.0	3.44	40.6	4.18	47.2	4.98	50.4	5.46	53.6	6.00	60.2	6.80	66.8	7.63
	23	34.0	3.52	40.6	4.35	47.2	5.33	50.4	5.87	53.6	6.43	60.2	7.21	65.9	7.99
	25	34.0	3.69	40.6	4.64	47.2	5.70	50.4	6.27	53.6	6.87	60.2	7.71	64.9	8.33
	27	34.0	3.94	40.6	4.95	47.2	6.08	50.4	6.70	53.6	7.35	60.2	8.19	64.0	8.72
	29	34.0	4.18	40.6	5.27	47.2	6.50	50.4	7.16	53.6	7.85	60.2	8.68	63.0	9.07
	31	34.0	4.44	40.6	5.62	47.2	6.93	50.4	7.62	53.6	8.37	60.2	9.11	62.1	9.43
	33	34.0	4.73	40.6	5.98	47.2	7.39	50.4	8.12	53.6	8.88	60.2	9.55	61.1	9.78
	35	34.0	5.02	40.6	6.35	47.2	7.85	50.4	8.66	53.6	9.41	59.2	10.10	60.2	10.33
	37	34.0	5.33	40.6	6.75	47.2	8.37	50.4	9.20	53.6	9.94	58.2	10.56	59.2	10.79
	39	34.0	5.64	40.6	7.18	47.2	8.86	50.4	9.79	53.6	10.45	57.3	11.13	58.3	11.26
	41	33.1	6.31	39.6	7.96	46.0	9.72	49.1	10.70	52.2	11.28	54.9	11.73	55.8	12.00
	43	32.3	6.82	38.6	8.61	44.9	10.62	47.9	11.53	50.9	12.10	52.6	12.56	53.6	12.71
46	30.3	7.67	36.2	9.80	42.0	12.10	44.9	13.07	46.3	13.44	48.0	13.79	48.9	13.81	
48	26.8	6.71	32.0	8.57	37.2	10.59	39.7	11.40	40.2	11.58	41.7	11.87	42.5	11.88	
80	10	30.2	2.66	36.0	3.20	41.8	3.75	44.8	4.05	47.8	4.34	53.6	4.95	59.4	5.38
	12	30.2	2.72	36.0	3.23	41.8	3.82	44.8	4.12	47.8	4.42	53.6	5.04	59.4	5.48
	14	30.2	2.75	36.0	3.31	41.8	3.88	44.8	4.19	47.8	4.49	53.6	5.14	59.4	5.59
	16	30.2	2.79	36.0	3.36	41.8	3.95	44.8	4.27	47.8	4.58	53.6	5.25	59.4	5.70
	18	30.2	2.85	36.0	3.42	41.8	4.03	44.8	4.34	47.8	4.67	53.6	5.34	59.4	5.82
	20	30.2	2.90	36.0	3.49	41.8	4.12	44.8	4.43	47.8	4.77	53.6	5.54	59.4	6.17
	21	30.2	2.92	36.0	3.53	41.8	4.16	44.8	4.49	47.8	4.88	53.6	5.72	59.4	6.33
	23	30.2	2.97	36.0	3.58	41.8	4.34	44.8	4.77	47.8	5.21	53.6	6.04	59.4	6.64
	25	30.2	3.09	36.0	3.82	41.8	4.66	44.8	5.10	47.8	5.58	53.6	6.46	59.4	7.10
	27	30.2	3.27	36.0	4.06	41.8	4.97	44.8	5.45	47.8	5.95	53.6	6.87	59.4	7.47
	29	30.2	3.47	36.0	4.34	41.8	5.28	44.8	5.80	47.8	6.36	53.6	7.36	59.4	8.00
	31	30.2	3.70	36.0	4.60	41.8	5.64	44.8	6.19	47.8	6.76	53.6	7.81	59.4	8.40
	33	30.2	3.92	36.0	4.91	41.8	6.00	44.8	6.60	47.8	7.21	53.6	8.22	59.4	8.81
	35	30.2	4.16	36.0	5.21	41.8	6.39	44.8	7.02	47.8	7.69	53.6	8.72	58.8	9.12
	37	30.2	4.40	36.0	5.54	41.8	6.78	44.8	7.46	47.8	8.17	53.6	9.20	57.8	9.54
	39	30.2	4.65	36.0	5.86	41.8	7.25	44.8	8.02	47.8	8.78	53.6	9.72	56.9	10.06
	41	29.4	5.14	35.1	6.49	40.7	7.96	43.7	8.80	46.6	9.64	52.2	10.82	54.5	11.15
	43	28.7	5.66	34.2	7.08	39.7	8.69	42.6	9.59	45.4	10.54	50.9	11.58	52.2	11.94
46	26.9	6.30	32.1	7.98	37.2	9.79	39.9	10.67	42.6	11.89	46.6	12.64	47.7	12.84	
48	23.8	5.50	28.4	6.98	32.9	8.56	35.3	9.32	37.7	10.41	40.5	10.94	41.4	11.05	

7. Capacity Tables

Cooling Capacity (20HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI	TC	PI	
70	10	26.4	2.37	31.6	2.81	36.6	3.26	39.2	3.52	41.8	3.76	46.8	4.28	52.0	4.79
	12	26.4	2.40	31.6	2.85	36.6	3.33	39.2	3.58	41.8	3.84	46.8	4.36	52.0	4.88
	14	26.4	2.44	31.6	2.89	36.6	3.39	39.2	3.63	41.8	3.89	46.8	4.45	52.0	4.97
	16	26.4	2.48	31.6	2.94	36.6	3.45	39.2	3.71	41.8	3.97	46.8	4.53	52.0	5.08
	18	26.4	2.51	31.6	3.00	36.6	3.52	39.2	3.78	41.8	4.04	46.8	4.60	52.0	5.17
	20	26.4	2.55	31.6	3.05	36.6	3.58	39.2	3.86	41.8	4.14	46.8	4.71	52.0	5.36
	21	26.4	2.59	31.6	3.07	36.6	3.61	39.2	3.89	41.8	4.17	46.8	4.79	52.0	5.48
	23	26.4	2.63	31.6	3.15	36.6	3.69	39.2	4.02	41.8	4.38	46.8	5.12	52.0	5.78
	25	26.4	2.66	31.6	3.26	36.6	3.93	39.2	4.30	41.8	4.68	46.8	5.48	52.0	6.07
	27	26.4	2.81	31.6	3.48	36.6	4.19	39.2	4.56	41.8	4.99	46.8	5.85	52.0	6.45
	29	26.4	3.00	31.6	3.69	36.6	4.45	39.2	4.86	41.8	5.31	46.8	6.24	52.0	6.91
	31	26.4	3.19	31.6	3.93	36.6	4.75	39.2	5.20	41.8	5.66	46.8	6.65	52.0	7.33
	33	26.4	3.37	31.6	4.15	36.6	5.05	39.2	5.51	41.8	6.02	46.8	7.08	52.0	7.80
	35	26.4	3.56	31.6	4.44	36.6	5.36	39.2	5.87	41.8	6.41	46.8	7.54	52.0	8.27
	37	26.4	3.78	31.6	4.70	36.6	5.70	39.2	6.24	41.8	6.82	46.8	8.03	52.0	8.73
	39	26.4	4.02	31.6	5.01	36.6	6.09	39.2	6.71	41.8	7.36	46.8	8.59	52.0	9.41
	41	25.7	4.44	30.8	5.49	35.7	6.69	38.2	7.36	40.7	8.01	45.6	9.44	50.7	10.15
43	25.1	4.83	30.0	5.98	34.8	7.29	37.3	8.03	39.7	8.74	44.5	10.31	49.4	10.98	
46	23.5	5.37	28.1	6.72	32.6	8.21	34.9	8.94	37.2	9.86	41.7	11.63	46.3	12.23	
48	20.8	4.69	24.9	5.87	28.8	7.18	30.9	7.82	32.9	8.62	36.9	10.18	41.0	10.59	
60	10	22.6	2.07	27.0	2.42	31.4	2.82	33.6	3.02	35.8	3.21	40.2	3.64	44.6	4.07
	12	22.6	2.10	27.0	2.46	31.4	2.85	33.6	3.06	35.8	3.27	40.2	3.70	44.6	4.15
	14	22.6	2.12	27.0	2.50	31.4	2.91	33.6	3.12	35.8	3.32	40.2	3.77	44.6	4.22
	16	22.6	2.16	27.0	2.55	31.4	2.95	33.6	3.17	35.8	3.40	40.2	3.85	44.6	4.30
	18	22.6	2.20	27.0	2.59	31.4	3.00	33.6	3.23	35.8	3.46	40.2	3.91	44.6	4.39
	20	22.6	2.23	27.0	2.63	31.4	3.06	33.6	3.29	35.8	3.51	40.2	3.98	44.6	4.49
	21	22.6	2.25	27.0	2.65	31.4	3.10	33.6	3.32	35.8	3.55	40.2	4.04	44.6	4.53
	23	22.6	2.29	27.0	2.70	31.4	3.14	33.6	3.38	35.8	3.62	40.2	4.19	44.6	4.81
	25	22.6	2.33	27.0	2.76	31.4	3.27	33.6	3.55	35.8	3.85	40.2	4.47	44.6	5.15
	27	22.6	2.40	27.0	2.91	31.4	3.47	33.6	3.77	35.8	4.09	40.2	4.75	44.6	5.48
	29	22.6	2.55	27.0	3.10	31.4	3.70	33.6	4.02	35.8	4.36	40.2	5.07	44.6	5.86
	31	22.6	2.70	27.0	3.29	31.4	3.92	33.6	4.28	35.8	4.64	40.2	5.41	44.6	6.23
	33	22.6	2.85	27.0	3.47	31.4	4.17	33.6	4.54	35.8	4.94	40.2	5.75	44.6	6.65
	35	22.6	3.02	27.0	3.70	31.4	4.43	33.6	4.83	35.8	5.24	40.2	6.12	44.6	7.06
	37	22.6	3.19	27.0	3.90	31.4	4.69	33.6	5.13	35.8	5.56	40.2	6.50	44.6	7.51
	39	22.6	3.39	27.0	4.16	31.4	5.07	33.6	5.50	35.8	5.98	40.2	6.97	44.6	8.05
	41	22.0	3.68	26.3	4.55	30.6	5.50	32.7	6.01	34.9	6.49	39.2	7.65	43.5	8.75
43	21.5	4.00	25.7	4.95	29.8	6.00	31.9	6.55	34.0	7.08	38.2	8.35	42.4	9.55	
46	20.1	4.48	24.0	5.56	28.0	6.75	29.9	7.36	31.9	7.97	35.8	9.40	39.7	10.88	
48	17.8	3.90	21.3	4.85	24.7	5.89	26.5	6.43	28.2	6.96	31.7	8.22	35.1	9.52	
50	10	18.9	1.80	22.6	2.08	26.2	2.37	28.0	2.54	29.8	2.69	33.4	3.03	37.2	3.37
	12	18.9	1.82	22.6	2.10	26.2	2.40	28.0	2.57	29.8	2.74	33.4	3.09	37.2	3.43
	14	18.9	1.84	22.6	2.14	26.2	2.44	28.0	2.61	29.8	2.78	33.4	3.12	37.2	3.48
	16	18.9	1.87	22.6	2.18	26.2	2.48	28.0	2.67	29.8	2.82	33.4	3.18	37.2	3.54
	18	18.9	1.89	22.6	2.20	26.2	2.52	28.0	2.71	29.8	2.88	33.4	3.24	37.2	3.62
	20	18.9	1.91	22.6	2.23	26.2	2.57	28.0	2.74	29.8	2.93	33.4	3.29	37.2	3.69
	21	18.9	1.93	22.6	2.25	26.2	2.59	28.0	2.78	29.8	2.95	33.4	3.33	37.2	3.73
	23	18.9	1.97	22.6	2.29	26.2	2.63	28.0	2.82	29.8	3.01	33.4	3.39	37.2	3.80
	25	18.9	1.99	22.6	2.33	26.2	2.69	28.0	2.88	29.8	3.10	33.4	3.56	37.2	4.07
	27	18.9	2.03	22.6	2.40	26.2	2.84	28.0	3.07	29.8	3.29	33.4	3.80	37.2	4.33
	29	18.9	2.14	22.6	2.56	26.2	3.01	28.0	3.26	29.8	3.50	33.4	4.03	37.2	4.60
	31	18.9	2.25	22.6	2.71	26.2	3.20	28.0	3.44	29.8	3.73	33.4	4.30	37.2	4.90
	33	18.9	2.38	22.6	2.86	26.2	3.39	28.0	3.65	29.8	3.96	33.4	4.56	37.2	5.22
	35	18.9	2.52	22.6	3.03	26.2	3.58	28.0	3.88	29.8	4.18	33.4	4.83	37.2	5.55
	37	18.9	2.67	22.6	3.20	26.2	3.79	28.0	4.11	29.8	4.43	33.4	5.15	37.2	5.89
	39	18.9	2.85	22.6	3.43	26.2	4.06	28.0	4.42	29.8	4.75	33.4	5.48	37.2	6.36
	41	18.4	3.08	22.0	3.71	25.5	4.44	27.3	4.79	29.0	5.15	32.5	6.01	36.2	6.90
43	18.0	3.35	21.5	4.04	24.9	4.83	26.6	5.21	28.3	5.61	31.7	6.55	35.4	7.53	
46	16.8	3.75	20.1	4.53	23.3	5.41	24.9	5.86	26.5	6.29	29.7	7.38	33.1	8.48	
48	14.9	3.27	17.8	3.95	20.6	4.72	22.1	5.11	23.5	5.49	26.3	6.45	29.3	7.41	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM220BTE5

Cooling Capacity (22HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI			
130	10	56.3	6.01	67.1	7.34	71.9	8.52	73.9	8.69	76.0	8.76	79.7	8.83	81.7	8.86
	12	56.3	6.16	67.1	7.60	71.9	8.87	73.9	8.92	76.0	9.00	79.7	9.07	81.7	9.15
	14	56.3	6.36	67.1	7.88	71.9	9.20	73.9	9.27	76.0	9.34	79.7	9.41	81.7	9.50
	16	56.3	6.59	67.1	8.15	71.9	9.61	73.9	9.70	76.0	9.78	79.7	9.87	81.7	9.94
	18	56.3	6.87	67.1	8.62	71.9	10.05	73.9	10.27	76.0	10.35	79.7	10.45	81.7	10.53
	20	56.3	7.17	67.1	9.19	71.9	10.55	73.9	11.30	76.0	11.39	78.5	11.50	80.6	11.58
	21	56.3	7.36	67.1	9.51	71.9	10.77	73.9	11.95	76.0	12.05	78.1	12.17	80.1	12.25
	23	56.3	7.90	67.1	10.01	71.9	11.33	73.9	13.19	75.0	13.30	76.9	13.43	79.0	13.52
	25	56.3	8.44	67.1	10.58	71.9	12.11	73.1	14.63	73.9	14.75	76.0	14.89	78.1	15.00
	27	56.3	9.03	67.1	11.31	71.0	12.90	71.9	16.11	73.1	16.23	75.0	16.40	76.9	16.51
	29	56.3	9.62	67.1	12.09	69.8	13.88	70.8	17.70	71.9	17.81	73.9	17.97	76.0	18.04
	31	56.3	10.26	66.9	12.74	68.7	14.76	69.8	17.63	70.8	17.73	72.8	17.89	74.9	17.96
	33	56.3	10.94	65.7	13.50	67.8	15.83	68.9	17.46	69.8	17.57	71.9	17.73	73.7	17.80
	35	56.3	11.66	64.5	14.13	66.6	17.15	67.8	17.24	68.9	17.34	70.7	17.50	72.8	17.56
	37	56.3	12.44	63.6	14.83	65.7	16.92	66.6	17.01	67.8	17.11	69.6	17.26	71.7	17.33
	39	56.3	13.24	62.5	15.61	64.5	16.70	65.7	16.78	66.6	16.88	68.7	17.03	70.7	17.10
	41	54.9	14.05	59.9	16.39	61.9	16.47	62.9	16.55	64.1	16.65	66.0	16.80	67.8	16.87
	43	53.5	14.81	57.4	16.16	59.4	16.24	60.3	16.33	61.5	16.42	63.4	16.57	65.1	16.64
46	50.2	15.86	52.4	15.83	54.3	15.91	55.1	15.99	56.3	16.08	58.0	16.22	59.6	16.29	
48	44.4	15.42	45.5	15.46	47.2	15.49	47.9	15.54	49.0	15.67	50.5	15.77	51.9	15.83	
120	10	52.1	5.40	61.9	6.63	67.7	7.87	69.7	8.51	71.8	8.64	75.7	8.68	77.6	8.75
	12	52.1	5.55	61.9	6.85	67.7	8.19	69.7	8.69	71.8	8.96	75.7	9.07	77.6	9.14
	14	52.1	5.74	61.9	7.08	67.7	8.52	69.7	9.02	71.8	9.29	75.7	9.43	77.6	9.50
	16	52.1	5.95	61.9	7.37	67.7	8.85	69.7	9.36	71.8	9.72	75.7	9.84	77.6	9.92
	18	52.1	6.18	61.9	7.70	67.7	9.20	69.7	9.85	71.8	10.22	75.7	10.34	77.6	10.42
	20	52.1	6.42	61.9	8.17	67.7	9.70	69.7	10.36	71.8	10.76	75.7	10.90	77.6	10.99
	21	52.1	6.61	61.9	8.46	67.7	9.97	69.7	10.67	71.8	11.12	75.7	11.26	77.6	11.35
	23	52.1	7.07	61.9	9.05	67.7	10.68	69.7	11.34	71.8	11.85	75.7	11.97	77.6	12.07
	25	52.1	7.55	61.9	9.70	67.7	11.27	69.7	12.08	71.8	12.71	74.8	12.81	76.6	12.92
	27	52.1	8.06	61.9	10.37	67.7	11.99	69.7	12.91	71.8	13.66	73.6	13.75	75.5	13.86
	29	52.1	8.60	61.9	11.07	67.7	12.62	69.7	13.82	70.6	14.56	72.5	14.77	74.6	14.89
	31	52.1	9.16	61.9	11.82	67.7	13.27	68.8	14.80	69.7	15.61	71.6	15.89	73.4	16.02
	33	52.1	9.75	61.9	12.60	66.8	14.04	67.7	16.07	68.6	16.76	70.4	16.96	72.3	17.09
	35	52.1	10.37	61.9	13.43	65.6	14.86	66.5	17.70	67.7	17.79	69.5	17.84	71.3	17.98
	37	52.1	11.16	61.9	14.18	64.7	15.84	65.6	17.33	66.5	17.41	68.4	17.47	70.2	17.61
	39	52.1	12.01	61.7	14.98	63.6	16.80	64.5	16.97	65.4	17.06	67.5	17.11	69.3	17.24
	41	50.8	12.86	59.0	15.79	61.0	16.47	61.9	16.62	62.8	16.70	64.6	16.75	66.4	16.88
	43	49.5	13.73	56.5	15.56	58.5	16.10	59.3	16.26	60.2	16.34	62.0	16.39	63.8	16.52
46	46.4	14.76	51.6	15.19	53.4	15.60	54.2	15.73	55.0	15.80	56.7	15.85	58.4	15.98	
48	41.0	14.46	44.8	14.92	46.4	15.29	47.1	15.39	47.9	15.44	49.3	15.50	50.8	15.56	
110	10	47.7	4.86	56.8	5.92	63.5	7.04	65.3	7.62	69.4	8.20	71.0	8.43	75.8	8.57
	12	47.7	5.01	56.8	6.12	63.5	7.33	65.3	7.83	69.4	8.51	71.0	8.78	75.8	8.98
	14	47.7	5.17	56.8	6.40	63.5	7.66	65.3	8.22	69.4	8.93	71.0	9.19	75.8	9.38
	16	47.7	5.35	56.8	6.63	63.5	7.98	65.3	8.58	69.4	9.35	71.0	9.60	75.8	9.77
	18	47.7	5.55	56.8	6.91	63.5	8.44	65.3	9.03	69.4	9.86	71.0	10.05	75.8	10.24
	20	47.7	5.75	56.8	7.25	63.5	8.95	65.3	9.45	69.4	10.34	71.0	10.59	75.8	10.76
	21	47.7	5.88	56.8	7.47	63.5	9.18	65.3	9.70	69.4	10.62	71.0	10.89	75.8	11.06
	23	47.7	6.26	56.8	8.01	63.5	9.69	65.3	10.24	69.4	11.22	71.0	11.47	75.8	11.66
	25	47.7	6.69	56.8	8.54	63.5	10.24	65.3	10.83	69.4	11.86	71.0	12.03	74.9	12.28
	27	47.7	7.15	56.8	9.14	63.5	10.82	65.3	11.46	69.4	12.39	71.0	12.67	73.8	12.88
	29	47.7	7.63	56.8	9.75	63.5	11.43	65.3	12.14	69.4	13.09	71.0	13.31	72.9	13.52
	31	47.7	8.11	56.8	10.40	63.5	12.08	65.3	12.86	68.3	13.75	70.1	14.02	71.7	14.17
	33	47.7	8.65	56.8	11.07	63.5	12.76	65.3	13.63	67.3	14.52	69.0	14.76	70.8	14.85
	35	47.7	9.19	56.8	11.82	63.5	13.48	65.3	14.44	66.2	15.33	67.8	15.47	69.7	15.55
	37	47.7	9.74	56.8	12.55	63.5	14.23	64.4	15.30	65.1	16.17	66.9	16.22	68.5	16.27
	39	47.7	10.50	56.8	13.33	62.3	15.01	63.2	16.36	64.2	16.97	65.8	17.00	67.6	17.01
	41	46.4	11.26	55.4	14.12	59.6	15.83	60.6	17.70	61.4	17.70	63.2	17.84	64.7	17.98
	43	45.3	11.82	54.0	14.71	57.2	16.79	58.1	16.98	58.9	16.94	60.6	17.04	62.1	17.09
46	42.4	11.54	50.6	14.20	52.2	15.93	53.1	15.93	53.8	16.07	55.4	16.16	56.8	16.20	
48	37.5	11.21	44.0	13.68	45.3	15.16	46.1	15.26	46.7	15.34	48.2	15.38	49.5	15.44	

7. Capacity Tables

Cooling Capacity (22HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI	TC	PI	
100	10	41.6	4.38	49.5	5.32	57.6	6.31	61.6	6.82	65.6	7.33	72.7	8.16	74.3	8.22
	12	41.6	4.52	49.5	5.54	57.6	6.52	61.6	7.00	65.6	7.56	72.7	8.60	74.3	8.68
	14	41.6	4.66	49.5	5.76	57.6	6.80	61.6	7.31	65.6	7.89	72.7	9.08	74.3	9.16
	16	41.6	4.80	49.5	5.95	57.6	7.09	61.6	7.65	65.6	8.31	72.7	9.51	74.3	9.65
	18	41.6	4.94	49.5	6.17	57.6	7.36	61.6	8.03	65.6	8.81	72.7	10.05	74.3	10.13
	20	41.6	5.12	49.5	6.40	57.6	7.79	61.6	8.60	65.6	9.43	72.7	10.53	74.3	10.62
	21	41.6	5.23	49.5	6.56	57.6	8.06	61.6	8.89	65.6	9.78	72.7	10.77	74.3	10.86
	23	41.6	5.54	49.5	7.01	57.6	8.65	61.6	9.54	65.6	10.48	72.7	11.28	74.3	11.37
	25	41.6	5.88	49.5	7.47	57.6	9.24	61.6	10.21	65.6	11.20	72.7	11.76	73.7	11.86
	27	41.6	6.29	49.5	7.98	57.6	9.89	61.6	10.91	65.6	11.91	71.3	12.32	72.8	12.42
	29	41.6	6.69	49.5	8.52	57.6	10.56	61.6	11.66	65.6	12.61	69.9	12.81	71.7	12.92
	31	41.6	7.15	49.5	9.08	57.6	11.26	61.6	12.44	65.6	13.25	68.9	13.31	70.6	13.42
	33	41.6	7.58	49.5	9.67	57.6	12.01	61.6	13.27	65.6	13.75	67.8	13.80	69.5	13.92
	35	41.6	8.06	49.5	10.29	57.6	12.79	61.6	14.16	64.6	14.24	66.6	14.30	68.3	14.41
	37	41.6	8.63	49.5	11.04	57.6	13.55	61.6	14.83	63.5	14.91	65.3	14.97	66.9	15.11
	39	41.6	9.26	49.5	11.86	57.6	14.36	61.6	15.56	62.4	15.63	64.3	15.69	65.8	15.83
	41	40.9	9.88	48.7	12.68	56.7	15.16	59.1	16.28	60.4	16.35	61.8	16.41	63.8	16.56
43	39.5	10.45	47.0	13.44	54.8	15.89	56.7	16.91	57.3	16.97	59.1	17.02	60.6	17.18	
46	37.0	11.24	44.1	14.49	51.3	16.85	51.7	17.70	52.3	17.75	54.0	17.80	55.4	17.97	
48	32.8	9.71	39.0	12.53	44.3	14.41	45.0	15.02	45.4	15.07	46.9	15.10	48.2	15.22	
90	10	37.4	3.80	44.7	4.57	51.9	5.39	55.4	5.81	59.0	6.26	66.2	7.00	73.5	7.79
	12	37.4	3.85	44.7	4.64	51.9	5.49	55.4	5.93	59.0	6.40	66.2	7.14	73.5	7.92
	14	37.4	3.92	44.7	4.74	51.9	5.60	55.4	6.05	59.0	6.51	66.2	7.28	73.5	8.09
	16	37.4	3.99	44.7	4.83	51.9	5.72	55.4	6.16	59.0	6.63	66.2	7.42	73.5	8.22
	18	37.4	4.06	44.7	4.93	51.9	5.81	55.4	6.30	59.0	6.77	66.2	7.58	73.5	8.64
	20	37.4	4.13	44.7	5.02	51.9	5.93	55.4	6.42	59.0	7.03	66.2	8.11	73.5	9.05
	21	37.4	4.18	44.7	5.07	51.9	6.05	55.4	6.63	59.0	7.28	66.2	8.24	73.5	9.26
	23	37.4	4.27	44.7	5.28	51.9	6.47	55.4	7.12	59.0	7.80	66.2	8.74	72.5	9.69
	25	37.4	4.48	44.7	5.63	51.9	6.91	55.4	7.61	59.0	8.33	66.2	9.35	71.4	10.11
	27	37.4	4.79	44.7	6.00	51.9	7.38	55.4	8.12	59.0	8.92	66.2	9.94	70.4	10.58
	29	37.4	5.07	44.7	6.40	51.9	7.89	55.4	8.68	59.0	9.52	66.2	10.53	69.3	11.01
	31	37.4	5.39	44.7	6.82	51.9	8.40	55.4	9.24	59.0	10.15	66.2	11.05	68.3	11.43
	33	37.4	5.74	44.7	7.26	51.9	8.96	55.4	9.85	59.0	10.77	66.2	11.59	67.2	11.86
	35	37.4	6.09	44.7	7.70	51.9	9.52	55.4	10.50	59.0	11.42	65.1	12.25	66.2	12.53
	37	37.4	6.47	44.7	8.19	51.9	10.15	55.4	11.16	59.0	12.05	64.0	12.81	65.1	13.09
	39	37.4	6.85	44.7	8.71	51.9	10.75	55.4	11.87	59.0	12.68	63.0	13.50	64.1	13.66
	41	36.4	7.66	43.5	9.66	50.6	11.80	54.0	12.99	57.5	13.69	60.4	14.23	61.4	14.56
43	35.5	8.27	42.4	10.44	49.3	12.89	52.7	13.98	56.0	14.67	57.9	15.24	58.9	15.42	
46	33.3	9.31	39.8	11.89	46.2	14.68	49.4	15.86	50.9	16.30	52.8	16.73	53.8	16.75	
48	29.5	8.13	35.2	10.40	40.9	12.84	43.7	13.83	44.2	14.05	45.9	14.40	46.8	14.42	
80	10	33.2	3.17	39.6	3.81	46.0	4.47	49.3	4.82	52.6	5.18	59.0	5.90	65.3	6.41
	12	33.2	3.24	39.6	3.85	46.0	4.56	49.3	4.91	52.6	5.26	59.0	6.01	65.3	6.53
	14	33.2	3.28	39.6	3.94	46.0	4.62	49.3	5.00	52.6	5.35	59.0	6.12	65.3	6.66
	16	33.2	3.33	39.6	4.01	46.0	4.71	49.3	5.09	52.6	5.46	59.0	6.25	65.3	6.79
	18	33.2	3.39	39.6	4.07	46.0	4.80	49.3	5.18	52.6	5.57	59.0	6.36	65.3	6.94
	20	33.2	3.46	39.6	4.16	46.0	4.91	49.3	5.29	52.6	5.68	59.0	6.61	65.3	7.35
	21	33.2	3.48	39.6	4.21	46.0	4.95	49.3	5.35	52.6	5.81	59.0	6.82	65.3	7.54
	23	33.2	3.55	39.6	4.27	46.0	5.18	49.3	5.68	52.6	6.21	59.0	7.20	65.3	7.92
	25	33.2	3.68	39.6	4.56	46.0	5.55	49.3	6.08	52.6	6.65	59.0	7.70	65.3	8.47
	27	33.2	3.90	39.6	4.84	46.0	5.92	49.3	6.50	52.6	7.09	59.0	8.18	65.3	8.91
	29	33.2	4.14	39.6	5.18	46.0	6.30	49.3	6.91	52.6	7.58	59.0	8.77	65.3	9.53
	31	33.2	4.40	39.6	5.48	46.0	6.72	49.3	7.38	52.6	8.06	59.0	9.30	65.3	10.01
	33	33.2	4.67	39.6	5.86	46.0	7.16	49.3	7.86	52.6	8.59	59.0	9.80	65.3	10.49
	35	33.2	4.95	39.6	6.21	46.0	7.62	49.3	8.37	52.6	9.16	59.0	10.39	64.6	10.88
	37	33.2	5.24	39.6	6.60	46.0	8.08	49.3	8.90	52.6	9.73	59.0	10.97	63.6	11.37
	39	33.2	5.54	39.6	6.98	46.0	8.65	49.3	9.56	52.6	10.46	59.0	11.59	62.6	12.00
	41	32.4	6.13	38.6	7.74	44.8	9.49	48.0	10.48	51.2	11.49	57.5	12.90	59.9	13.29
43	31.6	6.75	37.6	8.44	43.7	10.36	46.8	11.43	50.0	12.56	56.0	13.80	57.5	14.23	
46	29.6	7.50	35.3	9.51	40.9	11.67	43.9	12.72	46.8	14.17	51.2	15.07	52.4	15.31	
48	26.2	6.55	31.2	8.31	36.2	10.21	38.8	11.11	41.4	12.41	44.5	13.04	45.6	13.18	

7. Capacity Tables

Cooling Capacity (22HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	29.0	2.77	34.8	3.29	40.3	3.82	43.1	4.12	46.0	4.41	51.5	5.02	57.2	5.61
	12	29.0	2.81	34.8	3.34	40.3	3.90	43.1	4.19	46.0	4.49	51.5	5.10	57.2	5.72
	14	29.0	2.86	34.8	3.38	40.3	3.97	43.1	4.25	46.0	4.56	51.5	5.21	57.2	5.82
	16	29.0	2.90	34.8	3.45	40.3	4.04	43.1	4.34	46.0	4.65	51.5	5.30	57.2	5.95
	18	29.0	2.94	34.8	3.51	40.3	4.12	43.1	4.43	46.0	4.73	51.5	5.39	57.2	6.05
	20	29.0	2.99	34.8	3.58	40.3	4.19	43.1	4.52	46.0	4.84	51.5	5.52	57.2	6.28
	21	29.0	3.03	34.8	3.60	40.3	4.23	43.1	4.56	46.0	4.89	51.5	5.61	57.2	6.42
	23	29.0	3.08	34.8	3.69	40.3	4.32	43.1	4.71	46.0	5.13	51.5	6.00	57.2	6.77
	25	29.0	3.12	34.8	3.82	40.3	4.60	43.1	5.04	46.0	5.48	51.5	6.41	57.2	7.10
	27	29.0	3.29	34.8	4.08	40.3	4.91	43.1	5.34	46.0	5.85	51.5	6.85	57.2	7.55
	29	29.0	3.51	34.8	4.32	40.3	5.21	43.1	5.69	46.0	6.22	51.5	7.31	57.2	8.09
	31	29.0	3.73	34.8	4.60	40.3	5.56	43.1	6.09	46.0	6.63	51.5	7.79	57.2	8.58
	33	29.0	3.95	34.8	4.86	40.3	5.91	43.1	6.46	46.0	7.05	51.5	8.29	57.2	9.14
	35	29.0	4.17	34.8	5.19	40.3	6.28	43.1	6.87	46.0	7.50	51.5	8.83	57.2	9.69
	37	29.0	4.43	34.8	5.50	40.3	6.68	43.1	7.31	46.0	7.98	51.5	9.40	57.2	10.22
	39	29.0	4.70	34.8	5.86	40.3	7.14	43.1	7.86	46.0	8.62	51.5	10.06	57.2	11.02
	41	28.3	5.20	33.9	6.42	39.2	7.83	42.0	8.62	44.8	9.38	50.2	11.05	55.7	11.89
	43	27.6	5.66	33.0	7.00	38.3	8.54	41.0	9.40	43.7	10.24	48.9	12.07	54.4	12.85
46	25.9	6.29	31.0	7.87	35.9	9.62	38.4	10.47	40.9	11.54	45.8	13.62	50.9	14.33	
48	22.9	5.49	27.4	6.88	31.7	8.41	34.0	9.15	36.2	10.10	40.6	11.92	45.1	12.40	
60	10	24.9	2.38	29.7	2.79	34.5	3.24	37.0	3.48	39.4	3.69	44.2	4.19	49.1	4.69
	12	24.9	2.42	29.7	2.83	34.5	3.28	37.0	3.52	39.4	3.76	44.2	4.26	49.1	4.78
	14	24.9	2.44	29.7	2.87	34.5	3.35	37.0	3.59	39.4	3.82	44.2	4.34	49.1	4.86
	16	24.9	2.48	29.7	2.94	34.5	3.39	37.0	3.65	39.4	3.91	44.2	4.43	49.1	4.95
	18	24.9	2.53	29.7	2.98	34.5	3.46	37.0	3.72	39.4	3.98	44.2	4.49	49.1	5.06
	20	24.9	2.57	29.7	3.02	34.5	3.52	37.0	3.78	39.4	4.04	44.2	4.58	49.1	5.16
	21	24.9	2.59	29.7	3.05	34.5	3.57	37.0	3.82	39.4	4.08	44.2	4.65	49.1	5.21
	23	24.9	2.64	29.7	3.11	34.5	3.61	37.0	3.89	39.4	4.17	44.2	4.82	49.1	5.53
	25	24.9	2.68	29.7	3.18	34.5	3.76	37.0	4.08	39.4	4.43	44.2	5.14	49.1	5.92
	27	24.9	2.77	29.7	3.35	34.5	4.00	37.0	4.34	39.4	4.71	44.2	5.47	49.1	6.31
	29	24.9	2.94	29.7	3.57	34.5	4.26	37.0	4.62	39.4	5.01	44.2	5.83	49.1	6.74
	31	24.9	3.11	29.7	3.78	34.5	4.52	37.0	4.93	39.4	5.34	44.2	6.22	49.1	7.17
	33	24.9	3.28	29.7	4.00	34.5	4.80	37.0	5.23	39.4	5.68	44.2	6.61	49.1	7.65
	35	24.9	3.48	29.7	4.26	34.5	5.10	37.0	5.55	39.4	6.03	44.2	7.04	49.1	8.12
	37	24.9	3.67	29.7	4.49	34.5	5.40	37.0	5.90	39.4	6.40	44.2	7.48	49.1	8.64
	39	24.9	3.91	29.7	4.78	34.5	5.83	37.0	6.33	39.4	6.88	44.2	8.02	49.1	9.26
	41	24.2	4.24	28.9	5.23	33.7	6.33	36.0	6.91	38.4	7.47	43.1	8.80	47.8	10.06
	43	23.6	4.60	28.2	5.70	32.8	6.90	35.1	7.53	37.4	8.15	42.0	9.60	46.6	10.99
46	22.1	5.16	26.5	6.40	30.8	7.76	32.9	8.47	35.1	9.17	39.4	10.82	43.7	12.52	
48	19.6	4.49	23.4	5.58	27.2	6.78	29.1	7.40	31.0	8.01	34.8	9.46	38.7	10.96	
50	10	20.8	2.03	24.9	2.35	28.8	2.67	30.8	2.87	32.8	3.04	36.7	3.42	40.9	3.81
	12	20.8	2.05	24.9	2.38	28.8	2.72	30.8	2.91	32.8	3.10	36.7	3.49	40.9	3.87
	14	20.8	2.08	24.9	2.42	28.8	2.76	30.8	2.95	32.8	3.15	36.7	3.53	40.9	3.94
	16	20.8	2.12	24.9	2.46	28.8	2.80	30.8	3.02	32.8	3.19	36.7	3.59	40.9	4.00
	18	20.8	2.14	24.9	2.48	28.8	2.85	30.8	3.06	32.8	3.25	36.7	3.66	40.9	4.09
	20	20.8	2.16	24.9	2.53	28.8	2.91	30.8	3.10	32.8	3.32	36.7	3.72	40.9	4.17
	21	20.8	2.18	24.9	2.55	28.8	2.93	30.8	3.15	32.8	3.34	36.7	3.77	40.9	4.22
	23	20.8	2.23	24.9	2.59	28.8	2.97	30.8	3.19	32.8	3.40	36.7	3.83	40.9	4.30
	25	20.8	2.25	24.9	2.63	28.8	3.04	30.8	3.25	32.8	3.51	36.7	4.02	40.9	4.60
	27	20.8	2.29	24.9	2.72	28.8	3.21	30.8	3.47	32.8	3.72	36.7	4.30	40.9	4.90
	29	20.8	2.42	24.9	2.89	28.8	3.40	30.8	3.68	32.8	3.96	36.7	4.56	40.9	5.20
	31	20.8	2.55	24.9	3.06	28.8	3.62	30.8	3.89	32.8	4.22	36.7	4.86	40.9	5.54
	33	20.8	2.70	24.9	3.23	28.8	3.83	30.8	4.13	32.8	4.47	36.7	5.16	40.9	5.91
	35	20.8	2.85	24.9	3.42	28.8	4.04	30.8	4.39	32.8	4.73	36.7	5.46	40.9	6.27
	37	20.8	3.02	24.9	3.62	28.8	4.28	30.8	4.64	32.8	5.01	36.7	5.82	40.9	6.65
	39	20.8	3.22	24.9	3.88	28.8	4.59	30.8	5.00	32.8	5.37	36.7	6.20	40.9	7.19
	41	20.3	3.48	24.2	4.20	28.1	5.01	30.0	5.41	31.9	5.82	35.8	6.80	39.9	7.81
	43	19.8	3.78	23.6	4.56	27.4	5.46	29.3	5.89	31.2	6.34	34.9	7.41	38.9	8.52
46	18.5	4.24	22.1	5.12	25.7	6.12	27.4	6.62	29.2	7.12	32.7	8.34	36.4	9.59	
48	16.4	3.69	19.6	4.46	22.7	5.34	24.3	5.78	25.8	6.21	28.9	7.29	32.2	8.38	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM240BTE5

Cooling Capacity (24HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI			
130	10	61.4	7.02	73.2	8.58	78.4	9.95	80.7	10.16	82.9	10.24	86.9	10.32	89.2	10.36
	12	61.4	7.19	73.2	8.89	78.4	10.36	80.7	10.43	82.9	10.51	86.9	10.60	89.2	10.69
	14	61.4	7.44	73.2	9.21	78.4	10.75	80.7	10.83	82.9	10.92	86.9	11.00	89.2	11.10
	16	61.4	7.71	73.2	9.53	78.4	11.23	80.7	11.34	82.9	11.43	86.9	11.53	89.2	11.62
	18	61.4	8.03	73.2	10.08	78.4	11.75	80.7	12.00	82.9	12.10	86.9	12.22	89.2	12.30
	20	61.4	8.38	73.2	10.74	78.4	12.33	80.7	13.20	82.9	13.31	85.7	13.44	87.9	13.53
	21	61.4	8.60	73.2	11.12	78.4	12.59	80.7	13.97	82.9	14.08	85.2	14.22	87.4	14.32
	23	61.4	9.23	73.2	11.69	78.4	13.24	80.7	15.42	81.9	15.54	83.9	15.70	86.2	15.80
	25	61.4	9.86	73.2	12.37	78.4	14.15	79.7	17.10	80.7	17.24	82.9	17.41	85.2	17.53
	27	61.4	10.55	73.2	13.22	77.4	15.08	78.4	18.82	79.7	18.97	81.9	19.16	83.9	19.29
	29	61.4	11.24	73.2	14.13	76.2	16.22	77.3	20.69	78.4	20.81	80.7	21.00	82.9	21.08
	31	61.4	12.00	72.9	14.89	74.9	17.26	76.2	20.60	77.3	20.72	79.4	20.91	81.7	20.99
	33	61.4	12.78	71.7	15.77	73.9	18.51	75.1	20.41	76.2	20.54	78.4	20.72	80.4	20.80
	35	61.4	13.63	70.4	16.52	72.7	20.05	73.9	20.15	75.1	20.27	77.2	20.45	79.4	20.53
	37	61.4	14.53	69.4	17.34	71.7	19.78	72.7	19.88	73.9	20.00	75.9	20.18	78.2	20.26
	39	61.4	15.48	68.2	18.25	70.4	19.52	71.7	19.61	72.7	19.73	74.9	19.91	77.2	19.99
	41	59.9	16.42	65.4	19.16	67.6	19.25	68.6	19.35	69.9	19.46	72.0	19.64	74.0	19.72
	43	58.4	17.32	62.6	18.89	64.8	18.99	65.8	19.08	67.1	19.20	69.2	19.37	71.1	19.44
46	54.7	18.53	57.1	18.50	59.2	18.59	60.1	18.68	61.4	18.80	63.3	18.96	65.1	19.04	
48	48.4	18.02	49.6	18.07	51.5	18.11	52.3	18.16	53.4	18.32	55.1	18.43	56.7	18.50	
120	10	56.8	6.32	67.6	7.74	73.8	9.20	76.1	9.95	78.3	10.10	82.6	10.14	84.6	10.22
	12	56.8	6.49	67.6	8.01	73.8	9.57	76.1	10.16	78.3	10.48	82.6	10.60	84.6	10.69
	14	56.8	6.71	67.6	8.28	73.8	9.96	76.1	10.54	78.3	10.86	82.6	11.02	84.6	11.11
	16	56.8	6.95	67.6	8.62	73.8	10.34	76.1	10.93	78.3	11.36	82.6	11.50	84.6	11.59
	18	56.8	7.22	67.6	9.00	73.8	10.76	76.1	11.51	78.3	11.95	82.6	12.08	84.6	12.18
	20	56.8	7.50	67.6	9.55	73.8	11.34	76.1	12.11	78.3	12.58	82.6	12.74	84.6	12.85
	21	56.8	7.73	67.6	9.89	73.8	11.65	76.1	12.47	78.3	12.99	82.6	13.16	84.6	13.26
	23	56.8	8.26	67.6	10.58	73.8	12.49	76.1	13.25	78.3	13.85	82.6	13.99	84.6	14.10
	25	56.8	8.82	67.6	11.34	73.8	13.17	76.1	14.12	78.3	14.85	81.6	14.98	83.6	15.10
	27	56.8	9.42	67.6	12.12	73.8	14.02	76.1	15.09	78.3	15.96	80.3	16.07	82.4	16.20
	29	56.8	10.05	67.6	12.94	73.8	14.75	76.1	16.15	77.1	17.01	79.1	17.27	81.3	17.41
	31	56.8	10.71	67.6	13.82	73.8	15.51	75.1	17.30	76.1	18.25	78.1	18.57	80.1	18.72
	33	56.8	11.40	67.6	14.73	72.8	16.41	73.8	18.78	74.8	19.59	76.8	19.82	78.8	19.98
	35	56.8	12.12	67.6	15.70	71.6	17.37	72.6	20.69	73.8	20.79	75.8	20.85	77.8	21.02
	37	56.8	13.04	67.6	16.57	70.6	18.52	71.6	20.25	72.6	20.35	74.6	20.41	76.6	20.58
	39	56.8	14.04	67.3	17.51	69.3	19.64	70.3	19.84	71.3	19.94	73.6	20.00	75.6	20.15
	41	55.4	15.04	64.4	18.45	66.6	19.25	67.5	19.42	68.5	19.52	70.5	19.58	72.5	19.73
	43	54.0	16.05	61.7	18.19	63.8	18.82	64.7	19.00	65.7	19.10	67.6	19.16	69.6	19.31
46	50.6	17.26	56.2	17.76	58.3	18.23	59.1	18.38	60.0	18.47	61.9	18.53	63.7	18.67	
48	44.8	16.90	48.8	17.44	50.7	17.87	51.4	17.98	52.2	18.04	53.8	18.11	55.4	18.19	
110	10	52.0	5.68	62.0	6.92	69.2	8.22	71.2	8.90	75.7	9.58	77.5	9.85	82.7	10.01
	12	52.0	5.86	62.0	7.16	69.2	8.57	71.2	9.15	75.7	9.94	77.5	10.26	82.7	10.50
	14	52.0	6.04	62.0	7.48	69.2	8.95	71.2	9.61	75.7	10.44	77.5	10.74	82.7	10.97
	16	52.0	6.26	62.0	7.75	69.2	9.32	71.2	10.03	75.7	10.92	77.5	11.22	82.7	11.42
	18	52.0	6.49	62.0	8.08	69.2	9.86	71.2	10.56	75.7	11.52	77.5	11.75	82.7	11.97
	20	52.0	6.72	62.0	8.48	69.2	10.46	71.2	11.04	75.7	12.08	77.5	12.38	82.7	12.58
	21	52.0	6.87	62.0	8.73	69.2	10.73	71.2	11.34	75.7	12.42	77.5	12.73	82.7	12.93
	23	52.0	7.32	62.0	9.36	69.2	11.33	71.2	11.97	75.7	13.12	77.5	13.40	82.7	13.62
	25	52.0	7.82	62.0	9.99	69.2	11.96	71.2	12.66	75.7	13.86	77.5	14.06	81.7	14.35
	27	52.0	8.35	62.0	10.68	69.2	12.64	71.2	13.40	75.7	14.48	77.5	14.81	80.5	15.06
	29	52.0	8.92	62.0	11.40	69.2	13.36	71.2	14.19	75.7	15.30	77.5	15.56	79.5	15.80
	31	52.0	9.48	62.0	12.15	69.2	14.12	71.2	15.03	74.5	16.08	76.5	16.39	78.2	16.56
	33	52.0	10.11	62.0	12.94	69.2	14.92	71.2	15.93	73.5	16.98	75.2	17.26	77.2	17.35
	35	52.0	10.74	62.0	13.82	69.2	15.75	71.2	16.88	72.2	17.92	74.0	18.08	76.0	18.17
	37	52.0	11.38	62.0	14.67	69.2	16.63	70.2	17.88	71.0	18.90	73.0	18.96	74.7	19.01
	39	52.0	12.27	62.0	15.58	68.0	17.55	69.0	19.13	70.0	19.83	71.7	19.86	73.7	19.88
	41	50.7	13.16	60.4	16.50	65.1	18.50	66.1	20.69	66.9	20.69	68.9	20.85	70.6	21.02
	43	49.4	13.82	58.9	17.19	62.4	19.62	63.4	19.84	64.2	19.80	66.1	19.91	67.8	19.97
46	46.3	13.49	55.2	16.60	56.9	18.62	57.9	18.62	58.6	18.78	60.4	18.89	62.0	18.94	
48	41.0	13.10	48.0	15.99	49.4	17.72	50.3	17.84	51.0	17.92	52.6	17.97	53.9	18.05	

7. Capacity Tables

Cooling Capacity (24HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	16	18	18	19	19	20	20	22	22	24	24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	45.4	5.12	54.0	6.22	62.9	7.38	67.2	7.97	71.5	8.56	79.3	9.53	81.0	9.61
	12	45.4	5.28	54.0	6.47	62.9	7.63	67.2	8.19	71.5	8.84	79.3	10.05	81.0	10.15
	14	45.4	5.44	54.0	6.73	62.9	7.95	67.2	8.54	71.5	9.22	79.3	10.61	81.0	10.71
	16	45.4	5.61	54.0	6.95	62.9	8.29	67.2	8.94	71.5	9.71	79.3	11.12	81.0	11.28
	18	45.4	5.78	54.0	7.21	62.9	8.61	67.2	9.38	71.5	10.30	79.3	11.75	81.0	11.84
	20	45.4	5.98	54.0	7.48	62.9	9.11	67.2	10.05	71.5	11.02	79.3	12.31	81.0	12.41
	21	45.4	6.11	54.0	7.66	62.9	9.42	67.2	10.39	71.5	11.43	79.3	12.59	81.0	12.69
	23	45.4	6.47	54.0	8.20	62.9	10.11	67.2	11.15	71.5	12.25	79.3	13.19	81.0	13.29
	25	45.4	6.88	54.0	8.73	62.9	10.80	67.2	11.93	71.5	13.10	79.3	13.75	80.4	13.86
	27	45.4	7.35	54.0	9.33	62.9	11.56	67.2	12.75	71.5	13.92	77.8	14.40	79.4	14.51
	29	45.4	7.82	54.0	9.96	62.9	12.34	67.2	13.63	71.5	14.74	76.3	14.98	78.2	15.10
	31	45.4	8.35	54.0	10.61	62.9	13.16	67.2	14.54	71.5	15.48	75.2	15.55	77.0	15.68
	33	45.4	8.86	54.0	11.31	62.9	14.04	67.2	15.51	71.5	16.07	74.0	16.13	75.8	16.26
	35	45.4	9.42	54.0	12.03	62.9	14.95	67.2	16.55	70.4	16.65	72.6	16.71	74.5	16.85
	37	45.4	10.09	54.0	12.90	62.9	15.83	67.2	17.34	69.3	17.42	71.3	17.49	73.0	17.66
	39	45.4	10.82	54.0	13.86	62.9	16.78	67.2	18.19	68.1	18.27	70.1	18.33	71.8	18.51
	41	44.6	11.54	53.1	14.82	61.9	17.72	64.5	19.03	65.9	19.11	67.4	19.18	69.6	19.36
	43	43.1	12.22	51.3	15.71	59.8	18.57	61.8	19.76	62.5	19.83	64.5	19.90	66.2	20.08
46	40.4	13.14	48.1	16.93	56.0	19.70	56.4	20.69	57.1	20.75	58.9	20.81	60.5	21.01	
48	35.7	11.35	42.5	14.65	48.3	16.84	49.1	17.55	49.6	17.61	51.2	17.65	52.6	17.79	
90	10	40.8	4.44	48.7	5.34	56.6	6.30	60.5	6.79	64.3	7.31	72.2	8.18	80.2	9.10
	12	40.8	4.50	48.7	5.43	56.6	6.41	60.5	6.93	64.3	7.47	72.2	8.34	80.2	9.26
	14	40.8	4.58	48.7	5.53	56.6	6.54	60.5	7.06	64.3	7.61	72.2	8.50	80.2	9.44
	16	40.8	4.66	48.7	5.64	56.6	6.68	60.5	7.20	64.3	7.74	72.2	8.66	80.2	9.61
	18	40.8	4.74	48.7	5.75	56.6	6.79	60.5	7.36	64.3	7.91	72.2	8.85	80.2	10.09
	20	40.8	4.83	48.7	5.86	56.6	6.93	60.5	7.50	64.3	8.21	72.2	9.47	80.2	10.57
	21	40.8	4.88	48.7	5.92	56.6	7.06	60.5	7.74	64.3	8.51	72.2	9.63	80.2	10.81
	23	40.8	4.99	48.7	6.16	56.6	7.55	60.5	8.32	64.3	9.11	72.2	10.21	79.1	11.32
	25	40.8	5.24	48.7	6.57	56.6	8.07	60.5	8.89	64.3	9.73	72.2	10.92	77.9	11.81
	27	40.8	5.59	48.7	7.01	56.6	8.62	60.5	9.49	64.3	10.42	72.2	11.61	76.8	12.36
	29	40.8	5.92	48.7	7.47	56.6	9.22	60.5	10.14	64.3	11.12	72.2	12.30	75.6	12.86
	31	40.8	6.30	48.7	7.96	56.6	9.82	60.5	10.80	64.3	11.86	72.2	12.91	74.5	13.36
	33	40.8	6.71	48.7	8.48	56.6	10.47	60.5	11.51	64.3	12.58	72.2	13.53	73.3	13.85
	35	40.8	7.12	48.7	9.00	56.6	11.12	60.5	12.27	64.3	13.34	71.0	14.31	72.2	14.64
	37	40.8	7.55	48.7	9.57	56.6	11.86	60.5	13.03	64.3	14.08	69.9	14.96	71.1	15.30
	39	40.8	8.00	48.7	10.18	56.6	12.55	60.5	13.87	64.3	14.81	68.7	15.77	69.9	15.96
	41	39.8	8.95	47.5	11.29	55.2	13.78	58.9	15.17	62.7	15.99	65.8	16.62	67.0	17.00
	43	38.8	9.66	46.3	12.20	53.8	15.05	57.5	16.34	61.1	17.14	63.1	17.80	64.3	18.01
46	36.3	10.87	43.4	13.89	50.4	17.15	53.9	18.52	55.5	19.04	57.6	19.54	58.7	19.57	
48	32.1	9.50	38.4	12.15	44.6	15.00	47.6	16.16	48.2	16.41	50.1	16.82	51.0	16.84	
80	10	36.2	3.71	43.2	4.45	50.2	5.23	53.8	5.64	57.4	6.05	64.3	6.90	71.3	7.49
	12	36.2	3.78	43.2	4.50	50.2	5.33	53.8	5.74	57.4	6.15	64.3	7.03	71.3	7.64
	14	36.2	3.84	43.2	4.61	50.2	5.41	53.8	5.84	57.4	6.25	64.3	7.16	71.3	7.79
	16	36.2	3.89	43.2	4.68	50.2	5.51	53.8	5.95	57.4	6.38	64.3	7.31	71.3	7.93
	18	36.2	3.96	43.2	4.76	50.2	5.61	53.8	6.05	57.4	6.51	64.3	7.44	71.3	8.11
	20	36.2	4.04	43.2	4.86	50.2	5.74	53.8	6.18	57.4	6.64	64.3	7.72	71.3	8.59
	21	36.2	4.07	43.2	4.92	50.2	5.79	53.8	6.25	57.4	6.80	64.3	7.97	71.3	8.82
	23	36.2	4.14	43.2	4.99	50.2	6.05	53.8	6.64	57.4	7.26	64.3	8.41	71.3	9.25
	25	36.2	4.30	43.2	5.33	50.2	6.49	53.8	7.10	57.4	7.77	64.3	9.00	71.3	9.90
	27	36.2	4.56	43.2	5.66	50.2	6.92	53.8	7.59	57.4	8.29	64.3	9.56	71.3	10.41
	29	36.2	4.84	43.2	6.05	50.2	7.36	53.8	8.08	57.4	8.85	64.3	10.25	71.3	11.14
	31	36.2	5.15	43.2	6.41	50.2	7.85	53.8	8.62	57.4	9.42	64.3	10.87	71.3	11.70
	33	36.2	5.46	43.2	6.85	50.2	8.37	53.8	9.19	57.4	10.04	64.3	11.46	71.3	12.27
	35	36.2	5.79	43.2	7.26	50.2	8.91	53.8	9.78	57.4	10.71	64.3	12.15	70.5	12.71
	37	36.2	6.13	43.2	7.72	50.2	9.45	53.8	10.40	57.4	11.38	64.3	12.82	69.4	13.29
	39	36.2	6.47	43.2	8.16	50.2	10.11	53.8	11.18	57.4	12.23	64.3	13.55	68.2	14.02
	41	35.3	7.16	42.1	9.04	48.9	11.09	52.4	12.25	55.9	13.43	62.7	15.08	65.4	15.54
	43	34.4	7.88	41.1	9.87	47.7	12.11	51.1	13.36	54.5	14.68	61.1	16.13	62.7	16.63
46	32.3	8.77	38.5	11.11	44.7	13.64	47.9	14.86	51.1	16.57	55.9	17.61	57.2	17.89	
48	28.6	7.66	34.0	9.72	39.5	11.93	42.4	12.98	45.2	14.50	48.5	15.24	49.7	15.40	

7. Capacity Tables

Cooling Capacity (24HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	31.7	3.24	37.9	3.85	43.9	4.46	47.0	4.82	50.2	5.15	56.2	5.87	62.4	6.56
	12	31.7	3.29	37.9	3.90	43.9	4.57	47.0	4.90	50.2	5.26	56.2	5.97	62.4	6.69
	14	31.7	3.34	37.9	3.95	43.9	4.64	47.0	4.97	50.2	5.33	56.2	6.10	62.4	6.81
	16	31.7	3.39	37.9	4.03	43.9	4.72	47.0	5.08	50.2	5.43	56.2	6.20	62.4	6.96
	18	31.7	3.44	37.9	4.11	43.9	4.82	47.0	5.18	50.2	5.54	56.2	6.30	62.4	7.08
	20	31.7	3.50	37.9	4.18	43.9	4.90	47.0	5.28	50.2	5.66	56.2	6.45	62.4	7.35
	21	31.7	3.55	37.9	4.21	43.9	4.95	47.0	5.33	50.2	5.71	56.2	6.56	62.4	7.50
	23	31.7	3.60	37.9	4.31	43.9	5.05	47.0	5.51	50.2	6.00	56.2	7.02	62.4	7.92
	25	31.7	3.65	37.9	4.46	43.9	5.38	47.0	5.89	50.2	6.40	56.2	7.50	62.4	8.31
	27	31.7	3.85	37.9	4.77	43.9	5.74	47.0	6.25	50.2	6.84	56.2	8.01	62.4	8.83
	29	31.7	4.11	37.9	5.05	43.9	6.10	47.0	6.66	50.2	7.27	56.2	8.55	62.4	9.46
	31	31.7	4.36	37.9	5.38	43.9	6.51	47.0	7.12	50.2	7.76	56.2	9.11	62.4	10.04
	33	31.7	4.62	37.9	5.69	43.9	6.91	47.0	7.55	50.2	8.24	56.2	9.69	62.4	10.68
	35	31.7	4.87	37.9	6.07	43.9	7.35	47.0	8.04	50.2	8.78	56.2	10.33	62.4	11.33
	37	31.7	5.18	37.9	6.43	43.9	7.81	47.0	8.55	50.2	9.34	56.2	11.00	62.4	11.96
	39	31.7	5.50	37.9	6.86	43.9	8.35	47.0	9.20	50.2	10.09	56.2	11.77	62.4	12.89
	41	30.9	6.08	36.9	7.51	42.8	9.16	45.8	10.09	48.9	10.97	54.7	12.93	60.8	13.91
	43	30.1	6.62	36.0	8.19	41.7	9.99	44.7	11.00	47.7	11.97	53.4	14.12	59.3	15.03
46	28.2	7.35	33.8	9.21	39.1	11.25	41.9	12.25	44.7	13.50	50.0	15.93	55.6	16.76	
48	25.0	6.42	29.9	8.04	34.6	9.84	37.1	10.71	39.5	11.81	44.2	13.94	49.2	14.50	
60	10	27.1	2.78	32.4	3.26	37.7	3.79	40.3	4.07	43.0	4.32	48.2	4.91	53.5	5.49
	12	27.1	2.83	32.4	3.31	37.7	3.84	40.3	4.12	43.0	4.40	48.2	4.98	53.5	5.59
	14	27.1	2.86	32.4	3.36	37.7	3.92	40.3	4.20	43.0	4.48	48.2	5.08	53.5	5.69
	16	27.1	2.91	32.4	3.44	37.7	3.97	40.3	4.27	43.0	4.58	48.2	5.18	53.5	5.79
	18	27.1	2.96	32.4	3.49	37.7	4.05	40.3	4.35	43.0	4.65	48.2	5.26	53.5	5.92
	20	27.1	3.01	32.4	3.54	37.7	4.12	40.3	4.42	43.0	4.73	48.2	5.36	53.5	6.04
	21	27.1	3.03	32.4	3.57	37.7	4.17	40.3	4.48	43.0	4.78	48.2	5.44	53.5	6.09
	23	27.1	3.08	32.4	3.64	37.7	4.22	40.3	4.55	43.0	4.88	48.2	5.64	53.5	6.47
	25	27.1	3.14	32.4	3.72	37.7	4.40	40.3	4.78	43.0	5.18	48.2	6.02	53.5	6.93
	27	27.1	3.24	32.4	3.92	37.7	4.68	40.3	5.08	43.0	5.51	48.2	6.40	53.5	7.38
	29	27.1	3.44	32.4	4.17	37.7	4.98	40.3	5.41	43.0	5.87	48.2	6.83	53.5	7.89
	31	27.1	3.64	32.4	4.42	37.7	5.28	40.3	5.76	43.0	6.25	48.2	7.28	53.5	8.39
	33	27.1	3.84	32.4	4.68	37.7	5.61	40.3	6.12	43.0	6.65	48.2	7.74	53.5	8.95
	35	27.1	4.07	32.4	4.98	37.7	5.97	40.3	6.50	43.0	7.05	48.2	8.24	53.5	9.51
	37	27.1	4.30	32.4	5.26	37.7	6.32	40.3	6.90	43.0	7.48	48.2	8.75	53.5	10.11
	39	27.1	4.57	32.4	5.60	37.7	6.82	40.3	7.41	43.0	8.05	48.2	9.38	53.5	10.84
	41	26.4	4.96	31.6	6.12	36.7	7.41	39.3	8.09	41.9	8.74	47.0	10.29	52.2	11.78
	43	25.8	5.39	30.8	6.67	35.8	8.08	38.3	8.82	40.8	9.53	45.8	11.24	50.9	12.86
46	24.2	6.03	28.9	7.49	33.6	9.08	35.9	9.91	38.3	10.73	43.0	12.66	47.7	14.66	
48	21.4	5.26	25.5	6.53	29.7	7.94	31.8	8.66	33.8	9.37	38.0	11.07	42.2	12.82	
50	10	22.7	2.38	27.1	2.76	31.4	3.13	33.6	3.36	35.8	3.56	40.1	4.01	44.6	4.46
	12	22.7	2.41	27.1	2.78	31.4	3.18	33.6	3.41	35.8	3.63	40.1	4.08	44.6	4.54
	14	22.7	2.43	27.1	2.83	31.4	3.23	33.6	3.46	35.8	3.68	40.1	4.13	44.6	4.61
	16	22.7	2.48	27.1	2.88	31.4	3.28	33.6	3.53	35.8	3.73	40.1	4.21	44.6	4.69
	18	22.7	2.51	27.1	2.91	31.4	3.33	33.6	3.58	35.8	3.81	40.1	4.28	44.6	4.79
	20	22.7	2.53	27.1	2.96	31.4	3.41	33.6	3.63	35.8	3.88	40.1	4.36	44.6	4.89
	21	22.7	2.56	27.1	2.98	31.4	3.43	33.6	3.68	35.8	3.91	40.1	4.41	44.6	4.94
	23	22.7	2.61	27.1	3.03	31.4	3.48	33.6	3.73	35.8	3.98	40.1	4.49	44.6	5.04
	25	22.7	2.63	27.1	3.08	31.4	3.56	33.6	3.81	35.8	4.11	40.1	4.71	44.6	5.39
	27	22.7	2.68	27.1	3.18	31.4	3.76	33.6	4.06	35.8	4.36	40.1	5.04	44.6	5.74
	29	22.7	2.83	27.1	3.38	31.4	3.98	33.6	4.31	35.8	4.64	40.1	5.34	44.6	6.09
	31	22.7	2.98	27.1	3.58	31.4	4.23	33.6	4.56	35.8	4.94	40.1	5.69	44.6	6.49
	33	22.7	3.16	27.1	3.78	31.4	4.49	33.6	4.84	35.8	5.24	40.1	6.04	44.6	6.92
	35	22.7	3.33	27.1	4.01	31.4	4.74	33.6	5.14	35.8	5.54	40.1	6.39	44.6	7.34
	37	22.7	3.53	27.1	4.23	31.4	5.01	33.6	5.44	35.8	5.86	40.1	6.82	44.6	7.79
	39	22.7	3.77	27.1	4.54	31.4	5.37	33.6	5.85	35.8	6.29	40.1	7.26	44.6	8.42
	41	22.1	4.08	26.4	4.91	30.6	5.87	32.7	6.34	34.8	6.82	39.1	7.96	43.5	9.14
	43	21.6	4.43	25.8	5.34	29.9	6.39	31.9	6.90	34.0	7.42	38.1	8.68	42.4	9.97
46	20.2	4.96	24.2	5.99	28.0	7.17	29.9	7.75	31.8	8.33	35.7	9.76	39.8	11.23	
48	17.9	4.32	21.4	5.23	24.8	6.25	26.5	6.77	28.2	7.27	31.6	8.53	35.2	9.81	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM260BTE5

Cooling Capacity (26HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	16	18	18	19	19	20	20	22	22	24	24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	66.6	7.96	79.3	9.73	85.0	11.28	87.4	11.51	89.8	11.60	94.2	11.70	96.6	11.74
	12	66.6	8.15	79.3	10.07	85.0	11.75	87.4	11.82	89.8	11.92	94.2	12.01	96.6	12.12
	14	66.6	8.43	79.3	10.44	85.0	12.19	87.4	12.28	89.8	12.38	94.2	12.47	96.6	12.58
	16	66.6	8.74	79.3	10.80	85.0	12.73	87.4	12.85	89.8	12.96	94.2	13.07	96.6	13.17
	18	66.6	9.10	79.3	11.43	85.0	13.32	87.4	13.61	89.8	13.71	94.2	13.85	96.6	13.95
	20	66.6	9.50	79.3	12.17	85.0	13.98	87.4	14.97	89.8	15.09	92.8	15.24	95.2	15.34
	21	66.6	9.75	79.3	12.60	85.0	14.27	87.4	15.84	89.8	15.97	92.3	16.12	94.7	16.23
	23	66.6	10.47	79.3	13.26	85.0	15.01	87.4	17.48	88.7	17.62	90.9	17.79	93.3	17.91
	25	66.6	11.18	79.3	14.02	85.0	16.04	86.4	19.38	87.4	19.54	89.8	19.73	92.3	19.87
	27	66.6	11.96	79.3	14.99	83.9	17.09	85.0	21.34	86.4	21.51	88.7	21.72	90.9	21.87
	29	66.6	12.74	79.3	16.02	82.5	18.39	83.7	23.45	85.0	23.59	87.4	23.80	89.8	23.90
	31	66.6	13.60	79.0	16.88	81.2	19.56	82.5	23.35	83.7	23.49	86.0	23.70	88.5	23.80
	33	66.6	14.49	77.6	17.88	80.1	20.98	81.4	23.14	82.5	23.28	85.0	23.49	87.1	23.58
	35	66.6	15.45	76.3	18.73	78.7	22.72	80.1	22.84	81.4	22.97	83.6	23.18	86.0	23.27
	37	66.6	16.47	75.2	19.65	77.6	22.42	78.7	22.54	80.1	22.67	82.3	22.87	84.7	22.96
	39	66.6	17.54	73.9	20.69	76.3	22.12	77.6	22.23	78.7	22.37	81.2	22.57	83.6	22.66
	41	64.9	18.61	70.8	21.72	73.2	21.82	74.3	21.93	75.7	22.06	78.0	22.26	80.1	22.35
	43	63.3	19.63	67.9	21.41	70.2	21.52	71.3	21.63	72.7	21.76	74.9	21.95	77.0	22.04
46	59.3	21.01	61.9	20.97	64.1	21.07	65.1	21.18	66.5	21.31	68.6	21.50	70.5	21.58	
48	52.4	20.42	53.8	20.48	55.8	20.53	56.7	20.58	57.9	20.76	59.7	20.89	61.4	20.98	
120	10	61.6	7.16	73.2	8.78	80.0	10.43	82.4	11.27	84.9	11.45	89.5	11.50	91.7	11.59
	12	61.6	7.35	73.2	9.07	80.0	10.85	82.4	11.51	84.9	11.88	89.5	12.02	91.7	12.12
	14	61.6	7.61	73.2	9.38	80.0	11.29	82.4	11.95	84.9	12.31	89.5	12.49	91.7	12.59
	16	61.6	7.88	73.2	9.77	80.0	11.73	82.4	12.39	84.9	12.88	89.5	13.04	91.7	13.14
	18	61.6	8.19	73.2	10.21	80.0	12.19	82.4	13.05	84.9	13.54	89.5	13.69	91.7	13.80
	20	61.6	8.50	73.2	10.82	80.0	12.85	82.4	13.73	84.9	14.26	89.5	14.45	91.7	14.56
	21	61.6	8.76	73.2	11.21	80.0	13.21	82.4	14.13	84.9	14.73	89.5	14.91	91.7	15.03
	23	61.6	9.36	73.2	12.00	80.0	14.16	82.4	15.02	84.9	15.70	89.5	15.86	91.7	15.99
	25	61.6	10.00	73.2	12.85	80.0	14.93	82.4	16.01	84.9	16.84	88.4	16.98	90.5	17.11
	27	61.6	10.68	73.2	13.74	80.0	15.89	82.4	17.11	84.9	18.09	87.0	18.22	89.2	18.36
	29	61.6	11.39	73.2	14.67	80.0	16.72	82.4	18.31	83.5	19.28	85.7	19.57	88.1	19.73
	31	61.6	12.14	73.2	15.66	80.0	17.59	81.3	19.61	82.4	20.69	84.6	21.05	86.7	21.22
	33	61.6	12.92	73.2	16.70	78.9	18.60	80.0	21.29	81.1	22.21	83.2	22.46	85.4	22.64
	35	61.6	13.74	73.2	17.80	77.5	19.69	78.6	23.45	80.0	23.57	82.2	23.64	84.3	23.83
	37	61.6	14.78	73.2	18.78	76.4	20.99	77.5	22.96	78.6	23.07	80.8	23.14	83.0	23.32
	39	61.6	15.91	72.9	19.85	75.1	22.26	76.2	22.49	77.3	22.60	79.7	22.67	81.9	22.85
	41	60.0	17.04	69.8	20.92	72.1	21.82	73.1	22.01	74.2	22.12	76.3	22.19	78.5	22.37
	43	58.5	18.19	66.8	20.62	69.1	21.34	70.1	21.54	71.2	21.65	73.3	21.71	75.4	21.89
46	54.8	19.56	60.9	20.13	63.1	20.67	64.1	20.83	65.0	20.94	67.0	21.00	69.0	21.17	
48	48.5	19.16	52.9	19.77	54.9	20.26	55.7	20.38	56.6	20.45	58.3	20.53	60.1	20.61	
110	10	56.3	6.44	67.1	7.85	75.0	9.32	77.2	10.09	82.0	10.86	83.9	11.16	89.6	11.35
	12	56.3	6.64	67.1	8.11	75.0	9.71	77.2	10.38	82.0	11.27	83.9	11.63	89.6	11.90
	14	56.3	6.85	67.1	8.48	75.0	10.15	77.2	10.89	82.0	11.84	83.9	12.17	89.6	12.43
	16	56.3	7.09	67.1	8.79	75.0	10.57	77.2	11.37	82.0	12.38	83.9	12.72	89.6	12.94
	18	56.3	7.35	67.1	9.15	75.0	11.18	77.2	11.97	82.0	13.06	83.9	13.32	89.6	13.57
	20	56.3	7.62	67.1	9.61	75.0	11.85	77.2	12.52	82.0	13.69	83.9	14.03	89.6	14.26
	21	56.3	7.79	67.1	9.90	75.0	12.16	77.2	12.85	82.0	14.08	83.9	14.43	89.6	14.66
	23	56.3	8.29	67.1	10.61	75.0	12.84	77.2	13.57	82.0	14.87	83.9	15.19	89.6	15.44
	25	56.3	8.86	67.1	11.32	75.0	13.56	77.2	14.35	82.0	15.71	83.9	15.94	88.5	16.26
	27	56.3	9.47	67.1	12.10	75.0	14.33	77.2	15.18	82.0	16.41	83.9	16.78	87.2	17.07
	29	56.3	10.11	67.1	12.92	75.0	15.14	77.2	16.08	82.0	17.34	83.9	17.64	86.1	17.91
	31	56.3	10.75	67.1	13.78	75.0	16.00	77.2	17.04	80.7	18.22	82.8	18.58	84.8	18.77
	33	56.3	11.46	67.1	14.67	75.0	16.91	77.2	18.05	79.6	19.24	81.5	19.56	83.7	19.67
	35	56.3	12.17	67.1	15.66	75.0	17.86	77.2	19.13	78.3	20.31	80.1	20.50	82.3	20.60
	37	56.3	12.90	67.1	16.62	75.0	18.85	76.1	20.27	76.9	21.42	79.1	21.49	81.0	21.55
	39	56.3	13.91	67.1	17.66	73.6	19.89	74.7	21.68	75.8	22.48	77.7	22.52	79.9	22.54
	41	54.9	14.92	65.4	18.71	70.5	20.98	71.6	23.45	72.5	23.45	74.6	23.64	76.5	23.83
	43	53.5	15.67	63.8	19.49	67.6	22.24	68.7	22.49	69.6	22.45	71.6	22.57	73.4	22.64
46	50.2	15.29	59.8	18.81	61.6	21.11	62.7	21.11	63.5	21.29	65.5	21.41	67.2	21.47	
48	44.4	14.85	52.0	18.13	53.5	20.09	54.5	20.22	55.2	20.32	56.9	20.37	58.4	20.46	

7. Capacity Tables

Cooling Capacity (26HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI	TC	PI	
100	10	49.1	5.80	58.5	7.05	68.1	8.36	72.8	9.03	77.5	9.71	85.9	10.81	87.8	10.89
	12	49.1	5.98	58.5	7.34	68.1	8.64	72.8	9.28	77.5	10.02	85.9	11.39	87.8	11.50
	14	49.1	6.17	58.5	7.63	68.1	9.01	72.8	9.68	77.5	10.45	85.9	12.03	87.8	12.14
	16	49.1	6.36	58.5	7.88	68.1	9.39	72.8	10.14	77.5	11.01	85.9	12.61	87.8	12.78
	18	49.1	6.55	58.5	8.17	68.1	9.76	72.8	10.63	77.5	11.68	85.9	13.32	87.8	13.42
	20	49.1	6.78	58.5	8.48	68.1	10.32	72.8	11.39	77.5	12.49	85.9	13.96	87.8	14.07
	21	49.1	6.92	58.5	8.69	68.1	10.68	72.8	11.78	77.5	12.96	85.9	14.27	87.8	14.39
	23	49.1	7.33	58.5	9.29	68.1	11.46	72.8	12.64	77.5	13.88	85.9	14.95	87.8	15.07
	25	49.1	7.80	58.5	9.90	68.1	12.25	72.8	13.53	77.5	14.84	85.9	15.58	87.0	15.71
	27	49.1	8.33	58.5	10.57	68.1	13.10	72.8	14.45	77.5	15.78	84.2	16.32	86.0	16.45
	29	49.1	8.86	58.5	11.28	68.1	13.99	72.8	15.45	77.5	16.70	82.7	16.98	84.7	17.11
	31	49.1	9.47	58.5	12.03	68.1	14.92	72.8	16.48	77.5	17.55	81.4	17.63	83.4	17.77
	33	49.1	10.04	58.5	12.82	68.1	15.91	72.8	17.59	77.5	18.21	80.1	18.29	82.1	18.44
	35	49.1	10.68	58.5	13.63	68.1	16.94	72.8	18.76	76.3	18.87	78.7	18.95	80.7	19.10
	37	49.1	11.44	58.5	14.62	68.1	17.95	72.8	19.65	75.0	19.75	77.2	19.83	79.0	20.01
	39	49.1	12.26	58.5	15.71	68.1	19.02	72.8	20.61	73.8	20.71	76.0	20.78	77.7	20.98
	41	48.4	13.09	57.6	16.79	67.0	20.09	69.9	21.57	71.4	21.66	73.1	21.74	75.4	21.94
	43	46.7	13.85	55.6	17.80	64.7	21.05	67.0	22.40	67.7	22.48	69.8	22.55	71.7	22.76
46	43.8	14.90	52.1	19.19	60.7	22.33	61.2	23.45	61.8	23.52	63.8	23.59	65.5	23.81	
48	38.7	12.86	46.1	16.61	52.4	19.09	53.1	19.90	53.7	19.96	55.5	20.01	57.0	20.17	
90	10	44.2	5.03	52.8	6.05	61.4	7.13	65.5	7.68	69.7	8.27	78.3	9.26	86.8	10.29
	12	44.2	5.09	52.8	6.14	61.4	7.25	65.5	7.84	69.7	8.45	78.3	9.44	86.8	10.48
	14	44.2	5.18	52.8	6.26	61.4	7.41	65.5	7.99	69.7	8.61	78.3	9.62	86.8	10.69
	16	44.2	5.28	52.8	6.39	61.4	7.56	65.5	8.15	69.7	8.76	78.3	9.81	86.8	10.87
	18	44.2	5.37	52.8	6.51	61.4	7.68	65.5	8.33	69.7	8.95	78.3	10.02	86.8	11.42
	20	44.2	5.46	52.8	6.63	61.4	7.84	65.5	8.49	69.7	9.29	78.3	10.72	86.8	11.96
	21	44.2	5.52	52.8	6.70	61.4	7.99	65.5	8.76	69.7	9.63	78.3	10.90	86.8	12.24
	23	44.2	5.65	52.8	6.97	61.4	8.55	65.5	9.41	69.7	10.31	78.3	11.56	85.6	12.81
	25	44.2	5.92	52.8	7.44	61.4	9.13	65.5	10.06	69.7	11.02	78.3	12.36	84.4	13.36
	27	44.2	6.33	52.8	7.93	61.4	9.75	65.5	10.74	69.7	11.79	78.3	13.14	83.2	13.99
	29	44.2	6.70	52.8	8.45	61.4	10.43	65.5	11.48	69.7	12.59	78.3	13.92	81.9	14.55
	31	44.2	7.13	52.8	9.01	61.4	11.11	65.5	12.22	69.7	13.42	78.3	14.61	80.7	15.12
	33	44.2	7.59	52.8	9.60	61.4	11.85	65.5	13.02	69.7	14.24	78.3	15.32	79.5	15.68
	35	44.2	8.05	52.8	10.18	61.4	12.59	65.5	13.89	69.7	15.10	76.9	16.20	78.2	16.57
	37	44.2	8.55	52.8	10.83	61.4	13.42	65.5	14.75	69.7	15.94	75.7	16.93	77.0	17.31
	39	44.2	9.05	52.8	11.52	61.4	14.21	65.5	15.70	69.7	16.76	74.4	17.85	75.7	18.06
	41	43.1	10.13	51.4	12.77	59.8	15.59	63.8	17.17	67.9	18.09	71.3	18.81	72.6	19.24
	43	42.0	10.93	50.2	13.80	58.3	17.03	62.3	18.49	66.2	19.40	68.4	20.14	69.6	20.39
46	39.4	12.30	47.0	15.72	54.6	19.41	58.4	20.96	60.2	21.55	62.4	22.11	63.6	22.14	
48	34.8	10.75	41.6	13.75	48.3	16.98	51.6	18.29	52.2	18.57	54.3	19.03	55.3	19.06	
80	10	39.3	4.20	46.8	5.04	54.3	5.92	58.2	6.38	62.1	6.85	69.7	7.81	77.2	8.48
	12	39.3	4.28	46.8	5.10	54.3	6.03	58.2	6.50	62.1	6.97	69.7	7.96	77.2	8.65
	14	39.3	4.34	46.8	5.22	54.3	6.12	58.2	6.62	62.1	7.08	69.7	8.10	77.2	8.82
	16	39.3	4.40	46.8	5.30	54.3	6.24	58.2	6.73	62.1	7.23	69.7	8.28	77.2	8.98
	18	39.3	4.49	46.8	5.39	54.3	6.35	58.2	6.85	62.1	7.37	69.7	8.42	77.2	9.18
	20	39.3	4.58	46.8	5.51	54.3	6.50	58.2	6.99	62.1	7.52	69.7	8.74	77.2	9.73
	21	39.3	4.60	46.8	5.57	54.3	6.56	58.2	7.08	62.1	7.69	69.7	9.02	77.2	9.98
	23	39.3	4.69	46.8	5.65	54.3	6.85	58.2	7.52	62.1	8.22	69.7	9.52	77.2	10.48
	25	39.3	4.87	46.8	6.03	54.3	7.34	58.2	8.04	62.1	8.80	69.7	10.19	77.2	11.20
	27	39.3	5.16	46.8	6.41	54.3	7.84	58.2	8.60	62.1	9.38	69.7	10.83	77.2	11.79
	29	39.3	5.48	46.8	6.85	54.3	8.34	58.2	9.15	62.1	10.03	69.7	11.60	77.2	12.62
	31	39.3	5.83	46.8	7.26	54.3	8.89	58.2	9.76	62.1	10.67	69.7	12.31	77.2	13.25
	33	39.3	6.18	46.8	7.75	54.3	9.47	58.2	10.40	62.1	11.37	69.7	12.97	77.2	13.89
	35	39.3	6.56	46.8	8.22	54.3	10.08	58.2	11.07	62.1	12.12	69.7	13.76	76.4	14.39
	37	39.3	6.94	46.8	8.74	54.3	10.70	58.2	11.77	62.1	12.88	69.7	14.52	75.2	15.05
	39	39.3	7.33	46.8	9.24	54.3	11.44	58.2	12.66	62.1	13.84	69.7	15.34	73.9	15.88
	41	38.3	8.11	45.6	10.24	52.9	12.56	56.7	13.88	60.5	15.21	67.9	17.07	70.8	17.59
	43	37.3	8.93	44.5	11.17	51.6	13.71	55.3	15.12	59.1	16.62	66.2	18.26	67.9	18.83
46	35.0	9.93	41.7	12.58	48.4	15.44	51.9	16.83	55.3	18.76	60.6	19.94	62.0	20.26	
48	30.9	8.67	36.9	11.00	42.8	13.51	45.9	14.70	49.0	16.42	52.6	17.26	53.9	17.44	

7. Capacity Tables

Cooling Capacity (26HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	34.3	3.67	41.1	4.36	47.6	5.06	51.0	5.46	54.3	5.84	60.8	6.65	67.6	7.44
	12	34.3	3.73	41.1	4.42	47.6	5.17	51.0	5.55	54.3	5.95	60.8	6.76	67.6	7.57
	14	34.3	3.79	41.1	4.48	47.6	5.26	51.0	5.64	54.3	6.04	60.8	6.91	67.6	7.71
	16	34.3	3.84	41.1	4.57	47.6	5.35	51.0	5.75	54.3	6.16	60.8	7.02	67.6	7.88
	18	34.3	3.90	41.1	4.65	47.6	5.46	51.0	5.87	54.3	6.27	60.8	7.14	67.6	8.02
	20	34.3	3.96	41.1	4.74	47.6	5.55	51.0	5.98	54.3	6.42	60.8	7.31	67.6	8.32
	21	34.3	4.02	41.1	4.77	47.6	5.61	51.0	6.04	54.3	6.47	60.8	7.43	67.6	8.50
	23	34.3	4.07	41.1	4.88	47.6	5.72	51.0	6.24	54.3	6.79	60.8	7.95	67.6	8.97
	25	34.3	4.13	41.1	5.06	47.6	6.10	51.0	6.68	54.3	7.25	60.8	8.50	67.6	9.41
	27	34.3	4.36	41.1	5.40	47.6	6.50	51.0	7.08	54.3	7.75	60.8	9.07	67.6	10.00
	29	34.3	4.65	41.1	5.72	47.6	6.91	51.0	7.54	54.3	8.24	60.8	9.68	67.6	10.71
	31	34.3	4.94	41.1	6.10	47.6	7.37	51.0	8.06	54.3	8.79	60.8	10.32	67.6	11.37
	33	34.3	5.23	41.1	6.44	47.6	7.83	51.0	8.55	54.3	9.33	60.8	10.98	67.6	12.10
	35	34.3	5.52	41.1	6.88	47.6	8.32	51.0	9.10	54.3	9.94	60.8	11.70	67.6	12.83
	37	34.3	5.87	41.1	7.29	47.6	8.84	51.0	9.68	54.3	10.58	60.8	12.46	67.6	13.54
	39	34.3	6.23	41.1	7.77	47.6	9.46	51.0	10.42	54.3	11.43	60.8	13.33	67.6	14.60
	41	33.4	6.89	40.0	8.51	46.4	10.37	49.7	11.42	52.9	12.42	59.3	14.64	65.9	15.75
	43	32.6	7.50	39.0	9.28	45.2	11.32	48.4	12.46	51.6	13.56	57.8	15.99	64.2	17.03
46	30.6	8.33	36.6	10.43	42.4	12.74	45.4	13.88	48.4	15.29	54.2	18.04	60.2	18.98	
48	27.0	7.27	32.4	9.11	37.5	11.14	40.1	12.13	42.8	13.38	47.9	15.79	53.3	16.43	
60	10	29.4	3.15	35.1	3.70	40.8	4.30	43.7	4.61	46.5	4.90	52.3	5.56	58.0	6.22
	12	29.4	3.21	35.1	3.75	40.8	4.36	43.7	4.67	46.5	4.99	52.3	5.65	58.0	6.33
	14	29.4	3.24	35.1	3.81	40.8	4.44	43.7	4.76	46.5	5.07	52.3	5.76	58.0	6.45
	16	29.4	3.30	35.1	3.90	40.8	4.50	43.7	4.84	46.5	5.19	52.3	5.87	58.0	6.56
	18	29.4	3.35	35.1	3.95	40.8	4.58	43.7	4.93	46.5	5.27	52.3	5.96	58.0	6.71
	20	29.4	3.41	35.1	4.01	40.8	4.67	43.7	5.01	46.5	5.36	52.3	6.08	58.0	6.85
	21	29.4	3.44	35.1	4.04	40.8	4.73	43.7	5.07	46.5	5.42	52.3	6.16	58.0	6.91
	23	29.4	3.50	35.1	4.13	40.8	4.79	43.7	5.16	46.5	5.53	52.3	6.39	58.0	7.34
	25	29.4	3.55	35.1	4.21	40.8	4.99	43.7	5.42	46.5	5.87	52.3	6.82	58.0	7.85
	27	29.4	3.67	35.1	4.44	40.8	5.30	43.7	5.76	46.5	6.25	52.3	7.25	58.0	8.37
	29	29.4	3.90	35.1	4.73	40.8	5.65	43.7	6.13	46.5	6.65	52.3	7.74	58.0	8.94
	31	29.4	4.13	35.1	5.01	40.8	5.99	43.7	6.53	46.5	7.08	52.3	8.25	58.0	9.51
	33	29.4	4.36	35.1	5.30	40.8	6.36	43.7	6.93	46.5	7.54	52.3	8.77	58.0	10.14
	35	29.4	4.61	35.1	5.65	40.8	6.76	43.7	7.36	46.5	7.99	52.3	9.34	58.0	10.77
	37	29.4	4.87	35.1	5.96	40.8	7.16	43.7	7.82	46.5	8.48	52.3	9.91	58.0	11.46
	39	29.4	5.18	35.1	6.34	40.8	7.73	43.7	8.39	46.5	9.13	52.3	10.63	58.0	12.28
	41	28.6	5.62	34.2	6.94	39.8	8.40	42.6	9.17	45.3	9.91	50.9	11.67	56.5	13.35
	43	27.9	6.11	33.4	7.56	38.8	9.15	41.5	9.99	44.2	10.81	49.7	12.74	55.1	14.58
46	26.2	6.84	31.3	8.49	36.4	10.30	38.9	11.23	41.4	12.16	46.5	14.35	51.6	16.61	
48	23.1	5.96	27.7	7.41	32.2	9.00	34.4	9.81	36.7	10.62	41.2	12.55	45.7	14.53	
50	10	24.6	2.70	29.4	3.13	34.1	3.55	36.4	3.81	38.7	4.03	43.4	4.55	48.4	5.06
	12	24.6	2.73	29.4	3.15	34.1	3.61	36.4	3.86	38.7	4.12	43.4	4.63	48.4	5.14
	14	24.6	2.76	29.4	3.21	34.1	3.67	36.4	3.92	38.7	4.18	43.4	4.69	48.4	5.23
	16	24.6	2.81	29.4	3.27	34.1	3.72	36.4	4.01	38.7	4.23	43.4	4.77	48.4	5.31
	18	24.6	2.84	29.4	3.30	34.1	3.78	36.4	4.06	38.7	4.32	43.4	4.86	48.4	5.43
	20	24.6	2.87	29.4	3.35	34.1	3.86	36.4	4.12	38.7	4.40	43.4	4.94	48.4	5.54
	21	24.6	2.90	29.4	3.38	34.1	3.89	36.4	4.18	38.7	4.43	43.4	5.00	48.4	5.60
	23	24.6	2.95	29.4	3.44	34.1	3.95	36.4	4.23	38.7	4.52	43.4	5.09	48.4	5.71
	25	24.6	2.98	29.4	3.49	34.1	4.03	36.4	4.32	38.7	4.66	43.4	5.34	48.4	6.11
	27	24.6	3.04	29.4	3.61	34.1	4.26	36.4	4.60	38.7	4.94	43.4	5.71	48.4	6.51
	29	24.6	3.21	29.4	3.84	34.1	4.52	36.4	4.89	38.7	5.26	43.4	6.05	48.4	6.90
	31	24.6	3.38	29.4	4.06	34.1	4.80	36.4	5.17	38.7	5.60	43.4	6.45	48.4	7.36
	33	24.6	3.58	29.4	4.29	34.1	5.09	36.4	5.48	38.7	5.94	43.4	6.85	48.4	7.84
	35	24.6	3.78	29.4	4.55	34.1	5.37	36.4	5.82	38.7	6.28	43.4	7.25	48.4	8.32
	37	24.6	4.01	29.4	4.80	34.1	5.68	36.4	6.17	38.7	6.65	43.4	7.73	48.4	8.84
	39	24.6	4.27	29.4	5.15	34.1	6.09	36.4	6.64	38.7	7.13	43.4	8.23	48.4	9.54
	41	23.9	4.62	28.6	5.57	33.2	6.66	35.5	7.19	37.7	7.73	42.3	9.02	47.1	10.36
	43	23.3	5.02	27.9	6.06	32.4	7.24	34.6	7.83	36.8	8.41	41.3	9.84	46.0	11.31
46	21.9	5.62	26.2	6.80	30.3	8.13	32.4	8.79	34.5	9.45	38.7	11.07	43.1	12.73	
48	19.4	4.90	23.1	5.93	26.8	7.09	28.7	7.67	30.5	8.24	34.2	9.67	38.1	11.13	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

7.1.2 2 Units Combination

◆ ARUM221BTE5

Cooling Capacity (22HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	56.3	5.27	67.1	6.45	71.9	7.48	73.9	7.63	76.1	7.69	79.7	7.75	81.8	7.78
	12	56.3	5.40	67.1	6.68	71.9	7.78	73.9	7.83	76.1	7.90	79.7	7.96	81.8	8.03
	14	56.3	5.58	67.1	6.92	71.9	8.08	73.9	8.13	76.1	8.20	79.7	8.26	81.8	8.34
	16	56.3	5.79	67.1	7.16	71.9	8.44	73.9	8.52	76.1	8.58	79.7	8.66	81.8	8.73
	18	56.3	6.03	67.1	7.57	71.9	8.83	73.9	9.02	76.1	9.09	79.7	9.18	81.8	9.24
	20	56.3	6.30	67.1	8.06	71.9	9.27	73.9	9.91	76.1	10.00	79.7	10.10	80.6	10.16
	21	56.3	6.46	67.1	8.35	71.9	9.45	73.9	10.49	76.1	10.58	78.1	10.69	80.1	10.76
	23	56.3	6.94	67.1	8.79	71.9	9.95	73.9	11.58	75.0	11.67	77.0	11.79	79.0	11.86
	25	56.3	7.41	67.1	9.29	71.9	10.63	73.1	12.84	73.9	12.94	76.1	13.07	78.1	13.16
	27	56.3	7.92	67.1	9.93	71.0	11.33	71.9	14.14	73.1	14.26	75.0	14.40	77.0	14.49
	29	56.3	8.45	67.1	10.62	69.8	12.18	70.8	15.54	71.9	15.63	73.9	15.77	76.1	15.84
	31	56.3	9.01	66.9	11.18	68.7	12.96	69.8	15.47	70.8	15.57	72.8	15.70	74.8	15.77
	33	56.3	9.60	65.7	11.85	67.8	13.90	68.9	15.33	69.8	15.43	71.9	15.56	73.7	15.62
	35	56.3	10.23	64.5	12.41	66.6	15.06	67.8	15.13	68.9	15.22	70.8	15.36	72.8	15.42
	37	56.3	10.92	63.6	13.02	65.7	14.86	66.6	14.93	67.8	15.02	69.6	15.15	71.7	15.22
	39	56.3	11.63	62.5	13.71	64.5	14.65	65.7	14.74	66.6	14.82	68.7	14.95	70.8	15.01
	41	54.8	12.33	59.9	14.39	62.0	14.46	62.9	14.53	64.1	14.62	66.0	14.75	67.8	14.81
	43	53.5	13.00	57.4	14.19	59.4	14.26	60.3	14.33	61.6	14.42	63.4	14.54	65.1	14.60
46	50.2	13.92	52.4	13.89	54.3	13.96	55.2	14.03	56.3	14.12	58.1	14.24	59.6	14.30	
48	44.4	13.53	45.5	13.57	47.1	13.60	47.9	13.64	49.0	13.76	50.6	13.85	51.9	13.90	
120	10	52.1	4.74	62.0	5.82	67.7	6.91	69.7	7.47	71.8	7.58	75.7	7.62	77.6	7.67
	12	52.1	4.87	62.0	6.02	67.7	7.19	69.7	7.63	71.8	7.87	75.7	7.96	77.6	8.03
	14	52.1	5.04	62.0	6.22	67.7	7.48	69.7	7.92	71.8	8.15	75.7	8.28	77.6	8.34
	16	52.1	5.22	62.0	6.47	67.7	7.77	69.7	8.21	71.8	8.54	75.7	8.64	77.6	8.70
	18	52.1	5.43	62.0	6.76	67.7	8.08	69.7	8.65	71.8	8.97	75.7	9.07	77.6	9.15
	20	52.1	5.63	62.0	7.17	67.7	8.52	69.7	9.09	71.8	9.45	75.7	9.57	77.6	9.64
	21	52.1	5.80	62.0	7.43	67.7	8.75	69.7	9.36	71.8	9.76	75.7	9.89	77.6	9.96
	23	52.1	6.20	62.0	7.95	67.7	9.38	69.7	9.95	71.8	10.40	75.7	10.51	77.6	10.60
	25	52.1	6.63	62.0	8.52	67.7	9.89	69.7	10.60	71.8	11.15	74.8	11.25	76.6	11.34
	27	52.1	7.07	62.0	9.11	67.7	10.53	69.7	11.33	71.8	11.99	73.7	12.07	75.5	12.16
	29	52.1	7.55	62.0	9.72	67.7	11.08	69.7	12.13	70.6	12.78	72.5	12.97	74.6	13.07
	31	52.1	8.04	62.0	10.37	67.7	11.65	68.8	13.00	69.7	13.71	71.5	13.95	73.4	14.06
	33	52.1	8.56	62.0	11.06	66.8	12.32	67.7	14.10	68.6	14.72	70.4	14.88	72.3	15.00
	35	52.1	9.11	62.0	11.79	65.6	13.05	66.5	15.54	67.7	15.61	69.5	15.66	71.3	15.79
	37	52.1	9.79	62.0	12.45	64.7	13.91	65.6	15.21	66.5	15.29	68.4	15.33	70.2	15.45
	39	52.1	10.55	61.8	13.16	63.6	14.75	64.5	14.90	65.4	14.97	67.5	15.02	69.3	15.13
	41	50.8	11.29	59.0	13.86	61.0	14.46	61.8	14.58	62.7	14.66	64.6	14.70	66.4	14.82
	43	49.5	12.06	56.5	13.66	58.5	14.14	59.4	14.28	60.3	14.35	62.0	14.39	63.8	14.51
46	46.4	12.96	51.5	13.34	53.4	13.69	54.2	13.80	55.0	13.87	56.7	13.92	58.3	14.03	
48	41.1	12.70	44.7	13.10	46.4	13.42	47.1	13.51	47.9	13.55	49.3	13.60	50.8	13.66	
110	10	47.7	4.26	56.8	5.20	63.5	6.18	65.3	6.69	69.5	7.19	71.0	7.40	75.9	7.51
	12	47.7	4.40	56.8	5.38	63.5	6.43	65.3	6.87	69.5	7.46	71.0	7.71	75.9	7.88
	14	47.7	4.54	56.8	5.61	63.5	6.73	65.3	7.21	69.5	7.85	71.0	8.06	75.9	8.24
	16	47.7	4.70	56.8	5.82	63.5	7.00	65.3	7.53	69.5	8.20	71.0	8.43	75.9	8.58
	18	47.7	4.87	56.8	6.07	63.5	7.41	65.3	7.93	69.5	8.65	71.0	8.83	75.9	8.99
	20	47.7	5.04	56.8	6.37	63.5	7.85	65.3	8.29	69.5	9.07	71.0	9.30	75.9	9.45
	21	47.7	5.16	56.8	6.55	63.5	8.06	65.3	8.52	69.5	9.32	71.0	9.57	75.9	9.71
	23	47.7	5.49	56.8	7.03	63.5	8.51	65.3	8.99	69.5	9.85	71.0	10.07	75.9	10.23
	25	47.7	5.88	56.8	7.50	63.5	8.99	65.3	9.50	69.5	10.41	71.0	10.56	74.9	10.78
	27	47.7	6.27	56.8	8.02	63.5	9.50	65.3	10.07	69.5	10.87	71.0	11.12	73.8	11.31
	29	47.7	6.70	56.8	8.56	63.5	10.03	65.3	10.65	69.5	11.49	71.0	11.69	72.8	11.86
	31	47.7	7.12	56.8	9.13	63.5	10.60	65.3	11.29	68.2	12.07	70.1	12.31	71.7	12.43
	33	47.7	7.60	56.8	9.72	63.5	11.20	65.3	11.97	67.3	12.75	69.0	12.96	70.8	13.03
	35	47.7	8.06	56.8	10.37	63.5	11.83	65.3	12.68	66.2	13.46	67.8	13.58	69.7	13.65
	37	47.7	8.54	56.8	11.01	63.5	12.49	64.4	13.43	65.1	14.19	66.9	14.24	68.5	14.28
	39	47.7	9.22	56.8	11.70	62.3	13.18	63.2	14.37	64.2	14.90	65.8	14.92	67.6	14.93
	41	46.4	9.89	55.4	12.39	59.6	13.90	60.5	15.54	61.4	15.54	63.2	15.66	64.7	15.79
	43	45.3	10.38	54.0	12.91	57.2	14.74	58.1	14.90	58.9	14.88	60.6	14.95	62.1	15.00
46	42.5	10.14	50.6	12.47	52.1	13.99	53.0	13.99	53.7	14.10	55.4	14.19	56.8	14.22	
48	37.6	9.84	44.0	12.01	45.3	13.30	46.2	13.39	46.7	13.46	48.2	13.50	49.5	13.55	

7. Capacity Tables

Cooling Capacity (22HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	41.6	3.84	49.5	4.67	57.6	5.54	61.6	5.99	65.6	6.43	72.6	7.16	74.3	7.21
	12	41.6	3.96	49.5	4.86	57.6	5.73	61.6	6.15	65.6	6.64	72.6	7.55	74.3	7.62
	14	41.6	4.09	49.5	5.06	57.6	5.97	61.6	6.41	65.6	6.92	72.6	7.97	74.3	8.04
	16	41.6	4.21	49.5	5.22	57.6	6.23	61.6	6.71	65.6	7.30	72.6	8.35	74.3	8.47
	18	41.6	4.34	49.5	5.42	57.6	6.46	61.6	7.05	65.6	7.74	72.6	8.82	74.3	8.90
	20	41.6	4.49	49.5	5.63	57.6	6.84	61.6	7.55	65.6	8.28	72.6	9.25	74.3	9.32
	21	41.6	4.58	49.5	5.75	57.6	7.07	61.6	7.81	65.6	8.58	72.6	9.46	74.3	9.53
	23	41.6	4.86	49.5	6.16	57.6	7.60	61.6	8.38	65.6	9.20	72.6	9.91	74.3	9.98
	25	41.6	5.17	49.5	6.55	57.6	8.11	61.6	8.97	65.6	9.84	72.6	10.33	73.7	10.41
	27	41.6	5.52	49.5	7.00	57.6	8.68	61.6	9.57	65.6	10.46	71.3	10.81	72.8	10.90
	29	41.6	5.88	49.5	7.48	57.6	9.27	61.6	10.23	65.6	11.06	70.0	11.24	71.7	11.33
	31	41.6	6.27	49.5	7.97	57.6	9.89	61.6	10.92	65.6	11.63	68.9	11.68	70.6	11.77
	33	41.6	6.66	49.5	8.49	57.6	10.55	61.6	11.65	65.6	12.07	67.8	12.11	69.5	12.22
	35	41.6	7.07	49.5	9.04	57.6	11.22	61.6	12.43	64.5	12.50	66.6	12.55	68.2	12.66
	37	41.6	7.58	49.5	9.69	57.6	11.90	61.6	13.02	63.5	13.09	65.3	13.14	66.9	13.26
	39	41.6	8.13	49.5	10.41	57.6	12.61	61.6	13.66	62.5	13.72	64.3	13.77	65.8	13.90
	41	40.9	8.67	48.7	11.13	56.7	13.32	59.1	14.29	60.4	14.35	61.8	14.40	63.8	14.54
	43	39.6	9.18	47.1	11.79	54.8	13.95	56.7	14.84	57.4	14.90	59.1	14.95	60.7	15.08
46	37.0	9.87	44.0	12.72	51.3	14.79	51.7	15.54	52.3	15.59	53.9	15.63	55.4	15.77	
48	32.8	8.52	39.0	11.01	44.3	12.65	44.9	13.18	45.5	13.23	46.9	13.26	48.2	13.36	
90	10	37.4	3.31	44.7	3.98	51.9	4.69	55.4	5.05	59.0	5.44	66.2	6.10	73.5	6.78
	12	37.4	3.35	44.7	4.04	51.9	4.77	55.4	5.16	59.0	5.57	66.2	6.21	73.5	6.90
	14	37.4	3.41	44.7	4.13	51.9	4.87	55.4	5.26	59.0	5.67	66.2	6.33	73.5	7.04
	16	37.4	3.47	44.7	4.20	51.9	4.98	55.4	5.37	59.0	5.77	66.2	6.46	73.5	7.15
	18	37.4	3.54	44.7	4.29	51.9	5.05	55.4	5.48	59.0	5.89	66.2	6.60	73.5	7.52
	20	37.4	3.59	44.7	4.37	51.9	5.16	55.4	5.59	59.0	6.12	66.2	7.06	73.5	7.88
	21	37.4	3.63	44.7	4.41	51.9	5.26	55.4	5.77	59.0	6.33	66.2	7.17	73.5	8.06
	23	37.4	3.72	44.7	4.59	51.9	5.62	55.4	6.19	59.0	6.79	66.2	7.61	72.4	8.43
	25	37.4	3.90	44.7	4.89	51.9	6.01	55.4	6.62	59.0	7.25	66.2	8.13	71.5	8.80
	27	37.4	4.16	44.7	5.23	51.9	6.42	55.4	7.07	59.0	7.76	66.2	8.65	70.4	9.21
	29	37.4	4.41	44.7	5.57	51.9	6.87	55.4	7.56	59.0	8.29	66.2	9.16	69.3	9.58
	31	37.4	4.69	44.7	5.94	51.9	7.31	55.4	8.04	59.0	8.84	66.2	9.62	68.2	9.96
	33	37.4	5.00	44.7	6.32	51.9	7.80	55.4	8.57	59.0	9.37	66.2	10.08	67.3	10.32
	35	37.4	5.30	44.7	6.70	51.9	8.29	55.4	9.14	59.0	9.94	65.1	10.67	66.2	10.90
	37	37.4	5.62	44.7	7.13	51.9	8.84	55.4	9.71	59.0	10.49	64.0	11.15	65.1	11.40
	39	37.4	5.96	44.7	7.58	51.9	9.35	55.4	10.33	59.0	11.03	63.0	11.75	64.1	11.90
	41	36.5	6.67	43.5	8.41	50.6	10.26	54.1	11.30	57.4	11.91	60.3	12.38	61.4	12.67
	43	35.6	7.20	42.4	9.09	49.3	11.22	52.6	12.17	56.1	12.77	57.9	13.27	58.9	13.43
46	33.3	8.10	39.8	10.35	46.2	12.77	49.3	13.80	50.9	14.19	52.8	14.56	53.9	14.58	
48	29.5	7.08	35.2	9.05	40.9	11.18	43.7	12.04	44.2	12.23	45.9	12.54	46.8	12.54	
80	10	33.2	2.86	39.6	3.43	46.0	4.02	49.3	4.34	52.6	4.66	59.0	5.32	65.3	5.78
	12	33.2	2.92	39.6	3.47	46.0	4.11	49.3	4.43	52.6	4.74	59.0	5.42	65.3	5.89
	14	33.2	2.95	39.6	3.55	46.0	4.16	49.3	4.50	52.6	4.82	59.0	5.51	65.3	6.00
	16	33.2	2.99	39.6	3.61	46.0	4.25	49.3	4.58	52.6	4.92	59.0	5.63	65.3	6.12
	18	33.2	3.06	39.6	3.67	46.0	4.32	49.3	4.66	52.6	5.02	59.0	5.73	65.3	6.24
	20	33.2	3.11	39.6	3.75	46.0	4.43	49.3	4.76	52.6	5.12	59.0	5.95	65.3	6.62
	21	33.2	3.13	39.6	3.79	46.0	4.46	49.3	4.82	52.6	5.24	59.0	6.14	65.3	6.79
	23	33.2	3.20	39.6	3.84	46.0	4.66	49.3	5.12	52.6	5.60	59.0	6.48	65.3	7.13
	25	33.2	3.31	39.6	4.11	46.0	5.00	49.3	5.48	52.6	5.99	59.0	6.93	65.3	7.63
	27	33.2	3.51	39.6	4.36	46.0	5.33	49.3	5.85	52.6	6.38	59.0	7.37	65.3	8.02
	29	33.2	3.73	39.6	4.66	46.0	5.67	49.3	6.23	52.6	6.83	59.0	7.90	65.3	8.59
	31	33.2	3.97	39.6	4.94	46.0	6.05	49.3	6.65	52.6	7.26	59.0	8.38	65.3	9.02
	33	33.2	4.21	39.6	5.28	46.0	6.45	49.3	7.08	52.6	7.73	59.0	8.83	65.3	9.46
	35	33.2	4.46	39.6	5.60	46.0	6.86	49.3	7.54	52.6	8.25	59.0	9.37	64.7	9.80
	37	33.2	4.73	39.6	5.94	46.0	7.28	49.3	8.02	52.6	8.77	59.0	9.88	63.6	10.24
	39	33.2	4.99	39.6	6.29	46.0	7.79	49.3	8.62	52.6	9.42	59.0	10.44	62.5	10.81
	41	32.4	5.51	38.5	6.97	44.8	8.55	48.0	9.44	51.2	10.35	57.4	11.61	59.9	11.97
	43	31.5	6.08	37.6	7.61	43.7	9.33	46.8	10.29	50.0	11.31	56.1	12.43	57.4	12.82
46	29.5	6.76	35.2	8.57	40.9	10.51	43.8	11.45	46.8	12.77	51.2	13.57	52.4	13.78	
48	26.2	5.90	31.2	7.49	36.3	9.19	38.8	10.01	41.4	11.17	44.5	11.75	45.6	11.86	

7. Capacity Tables

Cooling Capacity (22HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	29.0	2.58	34.8	3.07	40.3	3.56	43.1	3.84	46.0	4.11	51.5	4.67	57.2	5.23
	12	29.0	2.62	34.8	3.11	40.3	3.64	43.1	3.91	46.0	4.19	51.5	4.76	57.2	5.33
	14	29.0	2.66	34.8	3.15	40.3	3.70	43.1	3.96	46.0	4.25	51.5	4.85	57.2	5.42
	16	29.0	2.70	34.8	3.21	40.3	3.76	43.1	4.05	46.0	4.33	51.5	4.94	57.2	5.54
	18	29.0	2.74	34.8	3.27	40.3	3.84	43.1	4.12	46.0	4.41	51.5	5.02	57.2	5.64
	20	29.0	2.79	34.8	3.33	40.3	3.91	43.1	4.21	46.0	4.51	51.5	5.14	57.2	5.85
	21	29.0	2.83	34.8	3.36	40.3	3.94	43.1	4.25	46.0	4.55	51.5	5.22	57.2	5.97
	23	29.0	2.86	34.8	3.43	40.3	4.02	43.1	4.39	46.0	4.78	51.5	5.58	57.2	6.31
	25	29.0	2.90	34.8	3.56	40.3	4.29	43.1	4.69	46.0	5.10	51.5	5.97	57.2	6.61
	27	29.0	3.07	34.8	3.80	40.3	4.57	43.1	4.98	46.0	5.44	51.5	6.38	57.2	7.04
	29	29.0	3.27	34.8	4.02	40.3	4.85	43.1	5.30	46.0	5.79	51.5	6.81	57.2	7.54
	31	29.0	3.47	34.8	4.29	40.3	5.19	43.1	5.67	46.0	6.18	51.5	7.25	57.2	8.00
	33	29.0	3.68	34.8	4.53	40.3	5.51	43.1	6.01	46.0	6.56	51.5	7.72	57.2	8.51
	35	29.0	3.88	34.8	4.84	40.3	5.85	43.1	6.40	46.0	6.99	51.5	8.23	57.2	9.03
	37	29.0	4.12	34.8	5.12	40.3	6.22	43.1	6.81	46.0	7.43	51.5	8.76	57.2	9.53
	39	29.0	4.38	34.8	5.46	40.3	6.65	43.1	7.32	46.0	8.03	51.5	9.37	57.2	10.27
	41	28.3	4.84	33.9	5.99	39.2	7.29	42.0	8.03	44.8	8.73	50.2	10.29	55.7	11.07
	43	27.6	5.28	33.0	6.52	38.3	7.96	41.0	8.76	43.7	9.54	48.9	11.25	54.3	11.98
46	25.9	5.86	31.0	7.34	35.9	8.96	38.4	9.76	40.9	10.75	45.8	12.69	51.0	13.35	
48	22.9	5.12	27.3	6.40	31.7	7.84	33.9	8.53	36.3	9.40	40.5	11.11	45.1	11.55	
60	10	24.9	2.29	29.7	2.68	34.5	3.12	37.0	3.35	39.4	3.56	44.2	4.03	49.1	4.51
	12	24.9	2.33	29.7	2.72	34.5	3.16	37.0	3.39	39.4	3.62	44.2	4.10	49.1	4.60
	14	24.9	2.35	29.7	2.77	34.5	3.22	37.0	3.45	39.4	3.68	44.2	4.18	49.1	4.68
	16	24.9	2.40	29.7	2.83	34.5	3.27	37.0	3.52	39.4	3.77	44.2	4.27	49.1	4.76
	18	24.9	2.43	29.7	2.88	34.5	3.33	37.0	3.57	39.4	3.82	44.2	4.33	49.1	4.87
	20	24.9	2.47	29.7	2.91	34.5	3.39	37.0	3.64	39.4	3.89	44.2	4.41	49.1	4.97
	21	24.9	2.50	29.7	2.93	34.5	3.43	37.0	3.68	39.4	3.93	44.2	4.48	49.1	5.01
	23	24.9	2.54	29.7	3.00	34.5	3.48	37.0	3.75	39.4	4.02	44.2	4.64	49.1	5.33
	25	24.9	2.58	29.7	3.06	34.5	3.62	37.0	3.93	39.4	4.27	44.2	4.96	49.1	5.70
	27	24.9	2.66	29.7	3.22	34.5	3.85	37.0	4.18	39.4	4.53	44.2	5.26	49.1	6.08
	29	24.9	2.83	29.7	3.43	34.5	4.10	37.0	4.46	39.4	4.83	44.2	5.62	49.1	6.49
	31	24.9	3.00	29.7	3.64	34.5	4.35	37.0	4.74	39.4	5.14	44.2	5.99	49.1	6.91
	33	24.9	3.16	29.7	3.85	34.5	4.62	37.0	5.03	39.4	5.47	44.2	6.36	49.1	7.37
	35	24.9	3.35	29.7	4.10	34.5	4.91	37.0	5.35	39.4	5.81	44.2	6.79	49.1	7.82
	37	24.9	3.54	29.7	4.32	34.5	5.20	37.0	5.68	39.4	6.16	44.2	7.20	49.1	8.32
	39	24.9	3.76	29.7	4.60	34.5	5.62	37.0	6.09	39.4	6.63	44.2	7.72	49.1	8.92
	41	24.2	4.08	29.0	5.04	33.7	6.10	36.0	6.66	38.3	7.20	43.1	8.47	47.8	9.69
	43	23.6	4.44	28.2	5.49	32.8	6.65	35.2	7.25	37.4	7.85	42.0	9.24	46.6	10.59
46	22.2	4.96	26.4	6.16	30.8	7.48	33.0	8.16	35.0	8.83	39.4	10.42	43.7	12.06	
48	19.6	4.32	23.4	5.38	27.2	6.54	29.1	7.12	31.0	7.71	34.8	9.11	38.7	10.55	
50	10	20.8	2.02	24.9	2.34	28.8	2.66	30.8	2.86	32.8	3.02	36.7	3.41	40.9	3.79
	12	20.8	2.04	24.9	2.36	28.8	2.70	30.8	2.90	32.8	3.09	36.7	3.47	40.9	3.85
	14	20.8	2.06	24.9	2.40	28.8	2.75	30.8	2.93	32.8	3.13	36.7	3.52	40.9	3.92
	16	20.8	2.11	24.9	2.45	28.8	2.79	30.8	3.00	32.8	3.18	36.7	3.57	40.9	3.98
	18	20.8	2.13	24.9	2.47	28.8	2.83	30.8	3.04	32.8	3.23	36.7	3.64	40.9	4.07
	20	20.8	2.15	24.9	2.51	28.8	2.90	30.8	3.09	32.8	3.30	36.7	3.71	40.9	4.15
	21	20.8	2.17	24.9	2.54	28.8	2.92	30.8	3.13	32.8	3.32	36.7	3.75	40.9	4.19
	23	20.8	2.22	24.9	2.58	28.8	2.96	30.8	3.18	32.8	3.39	36.7	3.82	40.9	4.28
	25	20.8	2.24	24.9	2.61	28.8	3.02	30.8	3.23	32.8	3.50	36.7	4.00	40.9	4.58
	27	20.8	2.28	24.9	2.70	28.8	3.20	30.8	3.45	32.8	3.71	36.7	4.28	40.9	4.87
	29	20.8	2.40	24.9	2.88	28.8	3.39	30.8	3.66	32.8	3.94	36.7	4.53	40.9	5.17
	31	20.8	2.54	24.9	3.04	28.8	3.60	30.8	3.87	32.8	4.19	36.7	4.83	40.9	5.51
	33	20.8	2.68	24.9	3.22	28.8	3.82	30.8	4.11	32.8	4.46	36.7	5.13	40.9	5.88
	35	20.8	2.83	24.9	3.41	28.8	4.03	30.8	4.37	32.8	4.71	36.7	5.43	40.9	6.24
	37	20.8	3.00	24.9	3.60	28.8	4.26	30.8	4.62	32.8	4.98	36.7	5.79	40.9	6.62
	39	20.8	3.20	24.9	3.86	28.8	4.56	30.8	4.97	32.8	5.35	36.7	6.17	40.9	7.16
	41	20.2	3.46	24.2	4.18	28.1	4.99	30.0	5.38	31.9	5.79	35.8	6.77	39.8	7.77
	43	19.8	3.77	23.6	4.55	27.3	5.43	29.3	5.86	31.2	6.31	34.9	7.37	38.9	8.47
46	18.5	4.21	22.2	5.10	25.7	6.09	27.5	6.59	29.2	7.08	32.7	8.30	36.5	9.54	
48	16.3	3.68	19.6	4.44	22.7	5.31	24.2	5.75	25.8	6.18	29.0	7.25	32.3	8.33	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM241BTE5

Cooling Capacity (24HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	61.4	5.94	73.2	7.26	78.4	8.42	80.6	8.60	83.0	8.66	87.0	8.72	89.2	8.76
	12	61.4	6.08	73.2	7.52	78.4	8.76	80.6	8.82	83.0	8.90	87.0	8.96	89.2	9.04
	14	61.4	6.28	73.2	7.80	78.4	9.10	80.6	9.16	83.0	9.24	87.0	9.30	89.2	9.40
	16	61.4	6.52	73.2	8.06	78.4	9.50	80.6	9.60	83.0	9.66	87.0	9.76	89.2	9.84
	18	61.4	6.80	73.2	8.52	78.4	9.94	80.6	10.16	83.0	10.24	87.0	10.34	89.2	10.40
	20	61.4	7.10	73.2	9.08	78.4	10.44	80.6	11.16	83.0	11.26	85.6	11.38	88.0	11.44
	21	61.4	7.28	73.2	9.40	78.4	10.64	80.6	11.82	83.0	11.92	85.2	12.04	87.4	12.12
	23	61.4	7.82	73.2	9.90	78.4	11.20	80.6	13.04	81.8	13.14	84.0	13.28	86.2	13.36
	25	61.4	8.34	73.2	10.46	78.4	11.98	79.8	14.46	80.6	14.58	83.0	14.72	85.2	14.82
	27	61.4	8.92	73.2	11.18	77.4	12.76	78.4	15.92	79.8	16.06	81.8	16.22	84.0	16.32
	29	61.4	9.52	73.2	11.96	76.2	13.72	77.2	17.50	78.4	17.60	80.6	17.76	83.0	17.84
	31	61.4	10.14	73.0	12.60	75.0	14.60	76.2	17.42	77.2	17.54	79.4	17.68	81.6	17.76
	33	61.4	10.82	71.6	13.34	74.0	15.66	75.2	17.26	76.2	17.38	78.4	17.52	80.4	17.60
	35	61.4	11.52	70.4	13.98	72.6	16.96	74.0	17.04	75.2	17.14	77.2	17.30	79.4	17.36
	37	61.4	12.30	69.4	14.66	71.6	16.74	72.6	16.82	74.0	16.92	76.0	17.06	78.2	17.14
	39	61.4	13.10	68.2	15.44	70.4	16.50	71.6	16.60	72.6	16.70	75.0	16.84	77.2	16.90
	41	59.8	13.88	65.4	16.20	67.6	16.28	68.6	16.36	70.0	16.46	72.0	16.62	74.0	16.68
	43	58.4	14.64	62.6	15.98	64.8	16.06	65.8	16.14	67.2	16.24	69.2	16.38	71.0	16.44
	46	54.8	15.68	57.2	15.64	59.2	15.72	60.2	15.80	61.4	15.90	63.4	16.04	65.0	16.10
	48	48.4	15.24	49.6	15.28	51.4	15.32	52.2	15.36	53.4	15.50	55.2	15.60	56.6	15.66
120	10	56.8	5.34	67.6	6.56	73.8	7.78	76.0	8.42	78.4	8.54	82.6	8.58	84.6	8.64
	12	56.8	5.48	67.6	6.78	73.8	8.10	76.0	8.60	78.4	8.86	82.6	8.96	84.6	9.04
	14	56.8	5.68	67.6	7.00	73.8	8.42	76.0	8.92	78.4	9.18	82.6	9.32	84.6	9.40
	16	56.8	5.88	67.6	7.28	73.8	8.76	76.0	9.24	78.4	9.62	82.6	9.74	84.6	9.80
	18	56.8	6.12	67.6	7.62	73.8	9.10	76.0	9.74	78.4	10.10	82.6	10.22	84.6	10.30
	20	56.8	6.34	67.6	8.08	73.8	9.60	76.0	10.24	78.4	10.64	82.6	10.78	84.6	10.86
	21	56.8	6.54	67.6	8.36	73.8	9.86	76.0	10.54	78.4	11.00	82.6	11.14	84.6	11.22
	23	56.8	6.98	67.6	8.96	73.8	10.56	76.0	11.20	78.4	11.72	82.6	11.84	84.6	11.94
	25	56.8	7.46	67.6	9.60	73.8	11.14	76.0	11.94	78.4	12.56	81.6	12.68	83.6	12.78
	27	56.8	7.96	67.6	10.26	73.8	11.86	76.0	12.76	78.4	13.50	80.4	13.60	82.4	13.70
	29	56.8	8.50	67.6	10.94	73.8	12.48	76.0	13.66	77.0	14.40	79.0	14.60	81.4	14.72
	31	56.8	9.06	67.6	11.68	73.8	13.12	75.0	14.64	76.0	15.44	78.0	15.72	80.0	15.84
	33	56.8	9.64	67.6	12.46	72.8	13.88	73.8	15.88	74.8	16.58	76.8	16.76	78.8	16.90
	35	56.8	10.26	67.6	13.28	71.6	14.70	72.6	17.50	73.8	17.58	75.8	17.64	77.8	17.78
	37	56.8	11.02	67.6	14.02	70.6	15.66	71.6	17.14	72.6	17.22	74.6	17.26	76.6	17.40
	39	56.8	11.88	67.4	14.82	69.4	16.62	70.4	16.78	71.4	16.86	73.6	16.92	75.6	17.04
	41	55.4	12.72	64.4	15.62	66.6	16.28	67.4	16.42	68.4	16.52	70.4	16.56	72.4	16.70
	43	54.0	13.58	61.6	15.38	63.8	15.92	64.8	16.08	65.8	16.16	67.6	16.20	69.6	16.34
	46	50.6	14.60	56.2	15.02	58.2	15.42	59.2	15.54	60.0	15.62	61.8	15.68	63.6	15.80
	48	44.8	14.30	48.8	14.76	50.6	15.12	51.4	15.22	52.2	15.26	53.8	15.32	55.4	15.38
110	10	52.0	4.80	62.0	5.86	69.2	6.96	71.2	7.54	75.8	8.10	77.4	8.34	82.8	8.46
	12	52.0	4.96	62.0	6.06	69.2	7.24	71.2	7.74	75.8	8.40	77.4	8.68	82.8	8.88
	14	52.0	5.12	62.0	6.32	69.2	7.58	71.2	8.12	75.8	8.84	77.4	9.08	82.8	9.28
	16	52.0	5.30	62.0	6.56	69.2	7.88	71.2	8.48	75.8	9.24	77.4	9.50	82.8	9.66
	18	52.0	5.48	62.0	6.84	69.2	8.34	71.2	8.94	75.8	9.74	77.4	9.94	82.8	10.12
	20	52.0	5.68	62.0	7.18	69.2	8.84	71.2	9.34	75.8	10.22	77.4	10.48	82.8	10.64
	21	52.0	5.82	62.0	7.38	69.2	9.08	71.2	9.60	75.8	10.50	77.4	10.78	82.8	10.94
	23	52.0	6.18	62.0	7.92	69.2	9.58	71.2	10.12	75.8	11.10	77.4	11.34	82.8	11.52
	25	52.0	6.62	62.0	8.44	69.2	10.12	71.2	10.70	75.8	11.72	77.4	11.90	81.8	12.14
	27	52.0	7.06	62.0	9.04	69.2	10.70	71.2	11.34	75.8	12.24	77.4	12.52	80.6	12.74
	29	52.0	7.54	62.0	9.64	69.2	11.30	71.2	12.00	75.8	12.94	77.4	13.16	79.4	13.36
	31	52.0	8.02	62.0	10.28	69.2	11.94	71.2	12.72	74.4	13.60	76.4	13.86	78.2	14.00
	33	52.0	8.56	62.0	10.94	69.2	12.62	71.2	13.48	73.4	14.36	75.2	14.60	77.2	14.68
	35	52.0	9.08	62.0	11.68	69.2	13.32	71.2	14.28	72.2	15.16	74.0	15.30	76.0	15.38
	37	52.0	9.62	62.0	12.40	69.2	14.06	70.2	15.12	71.0	15.98	73.0	16.04	74.8	16.08
	39	52.0	10.38	62.0	13.18	68.0	14.84	69.0	16.18	70.0	16.78	71.8	16.80	73.8	16.82
	41	50.6	11.14	60.4	13.96	65.0	15.66	66.0	17.50	67.0	17.50	69.0	17.64	70.6	17.78
	43	49.4	11.70	59.0	14.54	62.4	16.60	63.4	16.78	64.2	16.76	66.2	16.84	67.8	16.90
	46	46.4	11.42	55.2	14.04	56.8	15.76	57.8	15.76	58.6	15.88	60.4	15.98	62.0	16.02
	48	41.0	11.08	48.0	13.52	49.4	14.98	50.4	15.08	51.0	15.16	52.6	15.20	54.0	15.26

7. Capacity Tables

Cooling Capacity (24HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	45.4	4.32	54.0	5.26	62.8	6.24	67.2	6.74	71.6	7.24	79.2	8.06	81.0	8.12
	12	45.4	4.46	54.0	5.48	62.8	6.46	67.2	6.92	71.6	7.48	79.2	8.50	81.0	8.58
	14	45.4	4.60	54.0	5.70	62.8	6.72	67.2	7.22	71.6	7.80	79.2	8.98	81.0	9.06
	16	45.4	4.74	54.0	5.88	62.8	7.02	67.2	7.56	71.6	8.22	79.2	9.40	81.0	9.54
	18	45.4	4.88	54.0	6.10	62.8	7.28	67.2	7.94	71.6	8.72	79.2	9.94	81.0	10.02
	20	45.4	5.06	54.0	6.34	62.8	7.70	67.2	8.50	71.6	9.32	79.2	10.42	81.0	10.50
	21	45.4	5.16	54.0	6.48	62.8	7.96	67.2	8.80	71.6	9.66	79.2	10.66	81.0	10.74
	23	45.4	5.48	54.0	6.94	62.8	8.56	67.2	9.44	71.6	10.36	79.2	11.16	81.0	11.24
	25	45.4	5.82	54.0	7.38	62.8	9.14	67.2	10.10	71.6	11.08	79.2	11.64	80.4	11.72
	27	45.4	6.22	54.0	7.88	62.8	9.78	67.2	10.78	71.6	11.78	77.8	12.18	79.4	12.28
	29	45.4	6.62	54.0	8.42	62.8	10.44	67.2	11.52	71.6	12.46	76.4	12.66	78.2	12.76
	31	45.4	7.06	54.0	8.98	62.8	11.14	67.2	12.30	71.6	13.10	75.2	13.16	77.0	13.26
	33	45.4	7.50	54.0	9.56	62.8	11.88	67.2	13.12	71.6	13.60	74.0	13.64	75.8	13.76
	35	45.4	7.96	54.0	10.18	62.8	12.64	67.2	14.00	70.4	14.08	72.6	14.14	74.4	14.26
	37	45.4	8.54	54.0	10.92	62.8	13.40	67.2	14.66	69.2	14.74	71.2	14.80	73.0	14.94
	39	45.4	9.16	54.0	11.72	62.8	14.20	67.2	15.38	68.2	15.46	70.2	15.50	71.8	15.66
	41	44.6	9.76	53.2	12.54	61.8	15.00	64.4	16.10	65.8	16.16	67.4	16.22	69.6	16.38
	43	43.2	10.34	51.4	13.28	59.8	15.72	61.8	16.72	62.6	16.78	64.4	16.84	66.2	16.98
46	40.4	11.12	48.0	14.32	56.0	16.66	56.4	17.50	57.0	17.56	58.8	17.60	60.4	17.76	
48	35.8	9.60	42.6	12.40	48.4	14.24	49.0	14.84	49.6	14.90	51.2	14.94	52.6	15.04	
90	10	40.8	3.72	48.8	4.48	56.6	5.28	60.4	5.68	64.4	6.12	72.2	6.86	80.2	7.62
	12	40.8	3.76	48.8	4.54	56.6	5.36	60.4	5.80	64.4	6.26	72.2	6.98	80.2	7.76
	14	40.8	3.84	48.8	4.64	56.6	5.48	60.4	5.92	64.4	6.38	72.2	7.12	80.2	7.92
	16	40.8	3.90	48.8	4.72	56.6	5.60	60.4	6.04	64.4	6.48	72.2	7.26	80.2	8.04
	18	40.8	3.98	48.8	4.82	56.6	5.68	60.4	6.16	64.4	6.62	72.2	7.42	80.2	8.46
	20	40.8	4.04	48.8	4.92	56.6	5.80	60.4	6.28	64.4	6.88	72.2	7.94	80.2	8.86
	21	40.8	4.08	48.8	4.96	56.6	5.92	60.4	6.48	64.4	7.12	72.2	8.06	80.2	9.06
	23	40.8	4.18	48.8	5.16	56.6	6.32	60.4	6.96	64.4	7.64	72.2	8.56	79.0	9.48
	25	40.8	4.38	48.8	5.50	56.6	6.76	60.4	7.44	64.4	8.16	72.2	9.14	78.0	9.90
	27	40.8	4.68	48.8	5.88	56.6	7.22	60.4	7.96	64.4	8.72	72.2	9.72	76.8	10.36
	29	40.8	4.96	48.8	6.26	56.6	7.72	60.4	8.50	64.4	9.32	72.2	10.30	75.6	10.78
	31	40.8	5.28	48.8	6.68	56.6	8.22	60.4	9.04	64.4	9.94	72.2	10.82	74.4	11.20
	33	40.8	5.62	48.8	7.10	56.6	8.78	60.4	9.64	64.4	10.54	72.2	11.34	73.4	11.60
	35	40.8	5.96	48.8	7.54	56.6	9.32	60.4	10.28	64.4	11.18	71.0	12.00	72.2	12.26
	37	40.8	6.32	48.8	8.02	56.6	9.94	60.4	10.92	64.4	11.80	69.8	12.54	71.0	12.82
	39	40.8	6.70	48.8	8.52	56.6	10.52	60.4	11.62	64.4	12.40	68.8	13.22	70.0	13.38
	41	39.8	7.50	47.4	9.46	55.2	11.54	59.0	12.70	62.6	13.40	65.8	13.92	67.0	14.24
	43	38.8	8.10	46.2	10.22	53.8	12.62	57.4	13.68	61.2	14.36	63.2	14.92	64.2	15.10
46	36.4	9.10	43.4	11.64	50.4	14.36	53.8	15.52	55.6	15.96	57.6	16.38	58.8	16.40	
48	32.2	7.96	38.4	10.18	44.6	12.58	47.6	13.54	48.2	13.76	50.0	14.10	51.0	14.10	
80	10	36.2	3.22	43.2	3.86	50.2	4.52	53.8	4.88	57.4	5.24	64.4	5.98	71.2	6.50
	12	36.2	3.28	43.2	3.90	50.2	4.62	53.8	4.98	57.4	5.34	64.4	6.10	71.2	6.62
	14	36.2	3.32	43.2	4.00	50.2	4.68	53.8	5.06	57.4	5.42	64.4	6.20	71.2	6.74
	16	36.2	3.36	43.2	4.06	50.2	4.78	53.8	5.16	57.4	5.54	64.4	6.34	71.2	6.88
	18	36.2	3.44	43.2	4.12	50.2	4.86	53.8	5.24	57.4	5.64	64.4	6.44	71.2	7.02
	20	36.2	3.50	43.2	4.22	50.2	4.98	53.8	5.36	57.4	5.76	64.4	6.70	71.2	7.44
	21	36.2	3.52	43.2	4.26	50.2	5.02	53.8	5.42	57.4	5.90	64.4	6.90	71.2	7.64
	23	36.2	3.60	43.2	4.32	50.2	5.24	53.8	5.76	57.4	6.30	64.4	7.28	71.2	8.02
	25	36.2	3.72	43.2	4.62	50.2	5.62	53.8	6.16	57.4	6.74	64.4	7.80	71.2	8.58
	27	36.2	3.94	43.2	4.90	50.2	6.00	53.8	6.58	57.4	7.18	64.4	8.30	71.2	9.02
	29	36.2	4.20	43.2	5.24	50.2	6.38	53.8	7.00	57.4	7.68	64.4	8.88	71.2	9.66
	31	36.2	4.46	43.2	5.56	50.2	6.80	53.8	7.48	57.4	8.16	64.4	9.42	71.2	10.14
	33	36.2	4.74	43.2	5.94	50.2	7.26	53.8	7.96	57.4	8.70	64.4	9.94	71.2	10.64
	35	36.2	5.02	43.2	6.30	50.2	7.72	53.8	8.48	57.4	9.28	64.4	10.54	70.6	11.02
	37	36.2	5.32	43.2	6.68	50.2	8.18	53.8	9.02	57.4	9.86	64.4	11.12	69.4	11.52
	39	36.2	5.62	43.2	7.08	50.2	8.76	53.8	9.70	57.4	10.60	64.4	11.74	68.2	12.16
	41	35.4	6.20	42.0	7.84	48.8	9.62	52.4	10.62	55.8	11.64	62.6	13.06	65.4	13.46
	43	34.4	6.84	41.0	8.56	47.6	10.50	51.0	11.58	54.6	12.72	61.2	13.98	62.6	14.42
46	32.2	7.60	38.4	9.64	44.6	11.82	47.8	12.88	51.0	14.36	55.8	15.26	57.2	15.50	
48	28.6	6.64	34.0	8.42	39.6	10.34	42.4	11.26	45.2	12.56	48.6	13.22	49.8	13.34	

7. Capacity Tables

Cooling Capacity (24HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	31.6	2.90	38.0	3.46	44.0	4.00	47.0	4.32	50.2	4.62	56.2	5.26	62.4	5.88
	12	31.6	2.94	38.0	3.50	44.0	4.10	47.0	4.40	50.2	4.72	56.2	5.36	62.4	6.00
	14	31.6	3.00	38.0	3.54	44.0	4.16	47.0	4.46	50.2	4.78	56.2	5.46	62.4	6.10
	16	31.6	3.04	38.0	3.62	44.0	4.24	47.0	4.56	50.2	4.88	56.2	5.56	62.4	6.24
	18	31.6	3.08	38.0	3.68	44.0	4.32	47.0	4.64	50.2	4.96	56.2	5.64	62.4	6.34
	20	31.6	3.14	38.0	3.74	44.0	4.40	47.0	4.74	50.2	5.08	56.2	5.78	62.4	6.58
	21	31.6	3.18	38.0	3.78	44.0	4.44	47.0	4.78	50.2	5.12	56.2	5.88	62.4	6.72
	23	31.6	3.22	38.0	3.86	44.0	4.52	47.0	4.94	50.2	5.38	56.2	6.28	62.4	7.10
	25	31.6	3.26	38.0	4.00	44.0	4.82	47.0	5.28	50.2	5.74	56.2	6.72	62.4	7.44
	27	31.6	3.46	38.0	4.28	44.0	5.14	47.0	5.60	50.2	6.12	56.2	7.18	62.4	7.92
	29	31.6	3.68	38.0	4.52	44.0	5.46	47.0	5.96	50.2	6.52	56.2	7.66	62.4	8.48
	31	31.6	3.90	38.0	4.82	44.0	5.84	47.0	6.38	50.2	6.96	56.2	8.16	62.4	9.00
	33	31.6	4.14	38.0	5.10	44.0	6.20	47.0	6.76	50.2	7.38	56.2	8.68	62.4	9.58
	35	31.6	4.36	38.0	5.44	44.0	6.58	47.0	7.20	50.2	7.86	56.2	9.26	62.4	10.16
	37	31.6	4.64	38.0	5.76	44.0	7.00	47.0	7.66	50.2	8.36	56.2	9.86	62.4	10.72
	39	31.6	4.92	38.0	6.14	44.0	7.48	47.0	8.24	50.2	9.04	56.2	10.54	62.4	11.56
	41	30.8	5.44	37.0	6.74	42.8	8.20	45.8	9.04	48.8	9.82	54.8	11.58	60.8	12.46
	43	30.2	5.94	36.0	7.34	41.8	8.96	44.8	9.86	47.6	10.74	53.4	12.66	59.2	13.48
46	28.2	6.60	33.8	8.26	39.2	10.08	41.8	10.98	44.6	12.10	50.0	14.28	55.6	15.02	
48	25.0	5.76	29.8	7.20	34.6	8.82	37.0	9.60	39.6	10.58	44.2	12.50	49.2	13.00	
60	10	27.2	2.58	32.4	3.02	37.6	3.52	40.4	3.78	43.0	4.00	48.2	4.54	53.6	5.08
	12	27.2	2.62	32.4	3.06	37.6	3.56	40.4	3.82	43.0	4.08	48.2	4.62	53.6	5.18
	14	27.2	2.64	32.4	3.12	37.6	3.62	40.4	3.88	43.0	4.14	48.2	4.70	53.6	5.26
	16	27.2	2.70	32.4	3.18	37.6	3.68	40.4	3.96	43.0	4.24	48.2	4.80	53.6	5.36
	18	27.2	2.74	32.4	3.24	37.6	3.74	40.4	4.02	43.0	4.30	48.2	4.88	53.6	5.48
	20	27.2	2.78	32.4	3.28	37.6	3.82	40.4	4.10	43.0	4.38	48.2	4.96	53.6	5.60
	21	27.2	2.82	32.4	3.30	37.6	3.86	40.4	4.14	43.0	4.42	48.2	5.04	53.6	5.64
	23	27.2	2.86	32.4	3.38	37.6	3.92	40.4	4.22	43.0	4.52	48.2	5.22	53.6	6.00
	25	27.2	2.90	32.4	3.44	37.6	4.08	40.4	4.42	43.0	4.80	48.2	5.58	53.6	6.42
	27	27.2	3.00	32.4	3.62	37.6	4.34	40.4	4.70	43.0	5.10	48.2	5.92	53.6	6.84
	29	27.2	3.18	32.4	3.86	37.6	4.62	40.4	5.02	43.0	5.44	48.2	6.32	53.6	7.30
	31	27.2	3.38	32.4	4.10	37.6	4.90	40.4	5.34	43.0	5.78	48.2	6.74	53.6	7.78
	33	27.2	3.56	32.4	4.34	37.6	5.20	40.4	5.66	43.0	6.16	48.2	7.16	53.6	8.30
	35	27.2	3.78	32.4	4.62	37.6	5.52	40.4	6.02	43.0	6.54	48.2	7.64	53.6	8.80
	37	27.2	3.98	32.4	4.86	37.6	5.86	40.4	6.40	43.0	6.94	48.2	8.10	53.6	9.36
	39	27.2	4.24	32.4	5.18	37.6	6.32	40.4	6.86	43.0	7.46	48.2	8.68	53.6	10.04
	41	26.4	4.60	31.6	5.68	36.8	6.86	39.2	7.50	41.8	8.10	47.0	9.54	52.2	10.90
	43	25.8	5.00	30.8	6.18	35.8	7.48	38.4	8.16	40.8	8.84	45.8	10.40	50.8	11.92
46	24.2	5.58	28.8	6.94	33.6	8.42	36.0	9.18	38.2	9.94	43.0	11.72	47.6	13.58	
48	21.4	4.86	25.6	6.06	29.6	7.36	31.8	8.02	33.8	8.68	38.0	10.26	42.2	11.88	
50	10	22.6	2.28	27.2	2.64	31.4	3.00	33.6	3.22	35.8	3.40	40.0	3.84	44.6	4.26
	12	22.6	2.30	27.2	2.66	31.4	3.04	33.6	3.26	35.8	3.48	40.0	3.90	44.6	4.34
	14	22.6	2.32	27.2	2.70	31.4	3.10	33.6	3.30	35.8	3.52	40.0	3.96	44.6	4.42
	16	22.6	2.38	27.2	2.76	31.4	3.14	33.6	3.38	35.8	3.58	40.0	4.02	44.6	4.48
	18	22.6	2.40	27.2	2.78	31.4	3.18	33.6	3.42	35.8	3.64	40.0	4.10	44.6	4.58
	20	22.6	2.42	27.2	2.82	31.4	3.26	33.6	3.48	35.8	3.72	40.0	4.18	44.6	4.68
	21	22.6	2.44	27.2	2.86	31.4	3.28	33.6	3.52	35.8	3.74	40.0	4.22	44.6	4.72
	23	22.6	2.50	27.2	2.90	31.4	3.34	33.6	3.58	35.8	3.82	40.0	4.30	44.6	4.82
	25	22.6	2.52	27.2	2.94	31.4	3.40	33.6	3.64	35.8	3.94	40.0	4.50	44.6	5.16
	27	22.6	2.56	27.2	3.04	31.4	3.60	33.6	3.88	35.8	4.18	40.0	4.82	44.6	5.48
	29	22.6	2.70	27.2	3.24	31.4	3.82	33.6	4.12	35.8	4.44	40.0	5.10	44.6	5.82
	31	22.6	2.86	27.2	3.42	31.4	4.06	33.6	4.36	35.8	4.72	40.0	5.44	44.6	6.20
	33	22.6	3.02	27.2	3.62	31.4	4.30	33.6	4.62	35.8	5.02	40.0	5.78	44.6	6.62
	35	22.6	3.18	27.2	3.84	31.4	4.54	33.6	4.92	35.8	5.30	40.0	6.12	44.6	7.02
	37	22.6	3.38	27.2	4.06	31.4	4.80	33.6	5.20	35.8	5.60	40.0	6.52	44.6	7.46
	39	22.6	3.60	27.2	4.34	31.4	5.14	33.6	5.60	35.8	6.02	40.0	6.94	44.6	8.06
	41	22.0	3.90	26.4	4.70	30.6	5.62	32.8	6.06	34.8	6.52	39.0	7.62	43.4	8.74
	43	21.6	4.24	25.8	5.12	29.8	6.12	32.0	6.60	34.0	7.10	38.0	8.30	42.4	9.54
46	20.2	4.74	24.2	5.74	28.0	6.86	30.0	7.42	31.8	7.98	35.6	9.34	39.8	10.74	
48	17.8	4.14	21.4	5.00	24.8	5.98	26.4	6.48	28.2	6.96	31.6	8.16	35.2	9.38	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM261BTE5

Cooling Capacity (26HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI			
130	10	66.5	6.62	79.3	8.09	84.9	9.38	87.4	9.57	89.9	9.65	94.2	9.72	96.6	9.76
	12	66.5	6.78	79.3	8.38	84.9	9.76	87.4	9.83	89.9	9.91	94.2	9.98	96.6	10.07
	14	66.5	7.00	79.3	8.68	84.9	10.13	87.4	10.20	89.9	10.29	94.2	10.36	96.6	10.47
	16	66.5	7.26	79.3	8.98	84.9	10.58	87.4	10.69	89.9	10.77	94.2	10.87	96.6	10.96
	18	66.5	7.57	79.3	9.50	84.9	11.07	87.4	11.31	89.9	11.40	94.2	11.52	96.6	11.59
	20	66.5	7.90	79.3	10.12	84.9	11.62	87.4	12.44	89.9	12.54	92.8	12.67	95.3	12.75
	21	66.5	8.11	79.3	10.47	84.9	11.86	87.4	13.17	89.9	13.27	92.3	13.41	94.7	13.50
	23	66.5	8.71	79.3	11.02	84.9	12.48	87.4	14.53	88.7	14.64	90.9	14.79	93.4	14.89
	25	66.5	9.29	79.3	11.65	84.9	13.34	86.4	16.11	87.4	16.24	89.9	16.40	92.3	16.51
	27	66.5	9.94	79.3	12.46	83.9	14.21	84.9	17.74	86.4	17.88	88.7	18.06	90.9	18.18
	29	66.5	10.60	79.3	13.32	82.5	15.29	83.7	19.49	84.9	19.61	87.4	19.79	89.9	19.87
	31	66.5	11.30	79.0	14.03	81.2	16.26	82.5	19.41	83.7	19.53	86.0	19.70	88.4	19.78
	33	66.5	12.05	77.6	14.86	80.1	17.44	81.4	19.23	82.5	19.36	84.9	19.52	87.1	19.60
	35	66.5	12.84	76.3	15.57	78.7	18.89	80.1	18.98	81.4	19.10	83.6	19.27	86.0	19.34
	37	66.5	13.70	75.2	16.33	77.6	18.64	78.7	18.74	80.1	18.85	82.3	19.01	84.7	19.09
	39	66.5	14.59	73.9	17.20	76.3	18.39	77.6	18.49	78.7	18.60	81.2	18.76	83.6	18.83
	41	64.8	15.47	70.8	18.05	73.2	18.14	74.3	18.23	75.8	18.34	78.0	18.51	80.2	18.58
	43	63.3	16.31	67.8	17.80	70.2	17.89	71.3	17.98	72.7	18.09	75.0	18.25	77.0	18.32
46	59.3	17.47	61.9	17.43	64.1	17.51	65.2	17.60	66.5	17.71	68.6	17.87	70.5	17.94	
48	52.4	16.98	53.7	17.03	55.7	17.07	56.6	17.11	57.9	17.26	59.8	17.37	61.4	17.44	
120	10	61.5	5.95	73.2	7.30	80.0	8.67	82.4	9.38	84.9	9.52	89.5	9.56	91.7	9.63
	12	61.5	6.11	73.2	7.55	80.0	9.02	82.4	9.57	84.9	9.87	89.5	9.99	91.7	10.07
	14	61.5	6.32	73.2	7.80	80.0	9.38	82.4	9.93	84.9	10.23	89.5	10.38	91.7	10.47
	16	61.5	6.55	73.2	8.11	80.0	9.75	82.4	10.30	84.9	10.71	89.5	10.84	91.7	10.92
	18	61.5	6.81	73.2	8.49	80.0	10.14	82.4	10.85	84.9	11.25	89.5	11.38	91.7	11.47
	20	61.5	7.06	73.2	9.00	80.0	10.69	82.4	11.41	84.9	11.85	89.5	12.01	91.7	12.10
	21	61.5	7.28	73.2	9.32	80.0	10.98	82.4	11.75	84.9	12.25	89.5	12.40	91.7	12.50
	23	61.5	7.78	73.2	9.98	80.0	11.77	82.4	12.48	84.9	13.05	89.5	13.19	91.7	13.29
	25	61.5	8.31	73.2	10.69	80.0	12.41	82.4	13.31	84.9	13.99	88.4	14.12	90.6	14.23
	27	61.5	8.87	73.2	11.43	80.0	13.21	82.4	14.22	84.9	15.04	87.1	15.15	89.2	15.26
	29	61.5	9.47	73.2	12.19	80.0	13.90	82.4	15.22	83.5	16.04	85.6	16.27	88.1	16.40
	31	61.5	10.09	73.2	13.02	80.0	14.62	81.3	16.31	82.4	17.20	84.6	17.51	86.7	17.64
	33	61.5	10.74	73.2	13.88	78.9	15.46	80.0	17.69	81.0	18.47	83.2	18.67	85.4	18.82
	35	61.5	11.43	73.2	14.79	77.6	16.37	78.6	19.49	80.0	19.59	82.1	19.65	84.3	19.81
	37	61.5	12.28	73.2	15.62	76.5	17.45	77.6	19.09	78.6	19.18	80.8	19.23	83.0	19.39
	39	61.5	13.23	73.0	16.50	75.1	18.51	76.2	18.69	77.3	18.78	79.7	18.84	81.9	18.99
	41	60.0	14.17	69.8	17.39	72.1	18.14	73.1	18.30	74.1	18.40	76.3	18.45	78.5	18.60
	43	58.5	15.12	66.8	17.14	69.1	17.74	70.2	17.91	71.2	18.00	73.3	18.05	75.4	18.20
46	54.8	16.26	60.9	16.73	63.1	17.18	64.1	17.32	65.0	17.40	67.0	17.46	69.0	17.60	
48	48.5	15.93	52.9	16.44	54.9	16.84	55.7	16.95	56.6	17.00	58.3	17.07	60.0	17.13	
110	10	56.3	5.35	67.2	6.53	75.0	7.75	77.1	8.39	82.1	9.03	83.9	9.28	89.7	9.43
	12	56.3	5.52	67.2	6.75	75.0	8.07	77.1	8.62	82.1	9.36	83.9	9.67	89.7	9.89
	14	56.3	5.70	67.2	7.04	75.0	8.44	77.1	9.05	82.1	9.84	83.9	10.12	89.7	10.33
	16	56.3	5.90	67.2	7.31	75.0	8.78	77.1	9.45	82.1	10.29	83.9	10.58	89.7	10.76
	18	56.3	6.11	67.2	7.61	75.0	9.29	77.1	9.95	82.1	10.85	83.9	11.07	89.7	11.28
	20	56.3	6.33	67.2	7.99	75.0	9.85	77.1	10.41	82.1	11.38	83.9	11.67	89.7	11.85
	21	56.3	6.48	67.2	8.22	75.0	10.11	77.1	10.69	82.1	11.70	83.9	12.00	89.7	12.19
	23	56.3	6.89	67.2	8.82	75.0	10.67	77.1	11.28	82.1	12.36	83.9	12.63	89.7	12.83
	25	56.3	7.37	67.2	9.41	75.0	11.27	77.1	11.92	82.1	13.06	83.9	13.25	88.6	13.52
	27	56.3	7.87	67.2	10.07	75.0	11.92	77.1	12.63	82.1	13.64	83.9	13.95	87.3	14.19
	29	56.3	8.40	67.2	10.74	75.0	12.59	77.1	13.37	82.1	14.41	83.9	14.66	86.1	14.88
	31	56.3	8.94	67.2	11.45	75.0	13.30	77.1	14.17	80.7	15.15	82.8	15.44	84.7	15.60
	33	56.3	9.53	67.2	12.19	75.0	14.06	77.1	15.01	79.6	16.00	81.5	16.26	83.6	16.35
	35	56.3	10.12	67.2	13.02	75.0	14.84	77.1	15.91	78.2	16.88	80.2	17.04	82.3	17.13
	37	56.3	10.72	67.2	13.82	75.0	15.67	76.1	16.85	76.9	17.80	79.1	17.87	81.0	17.92
	39	56.3	11.56	67.2	14.68	73.7	16.53	74.7	18.02	75.8	18.69	77.7	18.72	79.9	18.74
	41	54.9	12.41	65.4	15.55	70.5	17.44	71.6	19.49	72.6	19.49	74.7	19.65	76.5	19.81
	43	53.5	13.03	63.9	16.20	67.6	18.49	68.7	18.70	69.6	18.66	71.7	18.76	73.4	18.82
46	50.2	12.72	59.8	15.64	61.6	17.55	62.7	17.55	63.5	17.70	65.5	17.80	67.2	17.85	
48	44.4	12.34	52.0	15.06	53.5	16.69	54.6	16.80	55.2	16.89	57.0	16.93	58.5	17.00	

7. Capacity Tables

Cooling Capacity (26HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	49.2	4.82	58.5	5.86	68.1	6.95	72.8	7.51	77.5	8.07	85.9	8.98	87.8	9.05
	12	49.2	4.97	58.5	6.10	68.1	7.19	72.8	7.71	77.5	8.33	85.9	9.47	87.8	9.56
	14	49.2	5.13	58.5	6.35	68.1	7.49	72.8	8.04	77.5	8.69	85.9	10.00	87.8	10.09
	16	49.2	5.28	58.5	6.55	68.1	7.81	72.8	8.43	77.5	9.16	85.9	10.48	87.8	10.63
	18	49.2	5.44	58.5	6.80	68.1	8.11	72.8	8.84	77.5	9.71	85.9	11.07	87.8	11.16
	20	49.2	5.64	58.5	7.06	68.1	8.58	72.8	9.47	77.5	10.38	85.9	11.60	87.8	11.70
	21	49.2	5.75	58.5	7.22	68.1	8.87	72.8	9.80	77.5	10.77	85.9	11.87	87.8	11.96
	23	49.2	6.10	58.5	7.73	68.1	9.53	72.8	10.51	77.5	11.54	85.9	12.43	87.8	12.52
	25	49.2	6.48	58.5	8.22	68.1	10.18	72.8	11.25	77.5	12.34	85.9	12.96	87.1	13.06
	27	49.2	6.93	58.5	8.78	68.1	10.89	72.8	12.01	77.5	13.12	84.3	13.57	86.0	13.68
	29	49.2	7.37	58.5	9.38	68.1	11.63	72.8	12.84	77.5	13.88	82.7	14.11	84.7	14.22
	31	49.2	7.87	58.5	10.00	68.1	12.40	72.8	13.70	77.5	14.59	81.4	14.66	83.4	14.77
	33	49.2	8.35	58.5	10.65	68.1	13.23	72.8	14.62	77.5	15.14	80.1	15.20	82.1	15.33
	35	49.2	8.87	58.5	11.34	68.1	14.08	72.8	15.60	76.3	15.69	78.7	15.75	80.6	15.88
	37	49.2	9.51	58.5	12.16	68.1	14.92	72.8	16.33	75.0	16.42	77.2	16.49	79.1	16.64
	39	49.2	10.20	58.5	13.06	68.1	15.81	72.8	17.13	73.8	17.22	76.0	17.27	77.8	17.44
	41	48.3	10.88	57.6	13.96	67.0	16.71	69.8	17.93	71.3	18.00	73.0	18.07	75.4	18.24
	43	46.7	11.52	55.6	14.80	64.8	17.51	67.0	18.62	67.8	18.69	69.8	18.75	71.7	18.92
46	43.8	12.39	52.1	15.95	60.7	18.56	61.1	19.49	61.8	19.56	63.8	19.61	65.5	19.79	
48	38.7	10.69	46.1	13.81	52.4	15.87	53.1	16.54	53.7	16.60	55.5	16.64	57.0	16.76	
90	10	44.2	4.09	52.8	4.92	61.3	5.80	65.5	6.25	69.7	6.73	78.2	7.54	86.9	8.38
	12	44.2	4.14	52.8	4.99	61.3	5.90	65.5	6.38	69.7	6.88	78.2	7.68	86.9	8.53
	14	44.2	4.22	52.8	5.10	61.3	6.03	65.5	6.51	69.7	7.01	78.2	7.83	86.9	8.70
	16	44.2	4.29	52.8	5.19	61.3	6.15	65.5	6.63	69.7	7.13	78.2	7.98	86.9	8.84
	18	44.2	4.37	52.8	5.30	61.3	6.25	65.5	6.78	69.7	7.28	78.2	8.16	86.9	9.30
	20	44.2	4.44	52.8	5.40	61.3	6.38	65.5	6.91	69.7	7.56	78.2	8.73	86.9	9.74
	21	44.2	4.49	52.8	5.45	61.3	6.51	65.5	7.13	69.7	7.83	78.2	8.87	86.9	9.96
	23	44.2	4.60	52.8	5.67	61.3	6.95	65.5	7.66	69.7	8.39	78.2	9.41	85.6	10.43
	25	44.2	4.82	52.8	6.05	61.3	7.43	65.5	8.18	69.7	8.97	78.2	10.05	84.5	10.88
	27	44.2	5.15	52.8	6.46	61.3	7.94	65.5	8.74	69.7	9.59	78.2	10.69	83.2	11.39
	29	44.2	5.45	52.8	6.88	61.3	8.49	65.5	9.34	69.7	10.25	78.2	11.32	81.9	11.85
	31	44.2	5.80	52.8	7.34	61.3	9.04	65.5	9.94	69.7	10.93	78.2	11.89	80.7	12.31
	33	44.2	6.18	52.8	7.81	61.3	9.65	65.5	10.60	69.7	11.59	78.2	12.47	79.5	12.76
	35	44.2	6.55	52.8	8.29	61.3	10.25	65.5	11.30	69.7	12.29	76.9	13.19	78.2	13.48
	37	44.2	6.95	52.8	8.82	61.3	10.93	65.5	12.01	69.7	12.97	75.6	13.78	77.0	14.09
	39	44.2	7.37	52.8	9.37	61.3	11.56	65.5	12.77	69.7	13.64	74.5	14.53	75.8	14.71
	41	43.1	8.24	51.4	10.40	59.8	12.69	63.9	13.97	67.9	14.73	71.3	15.31	72.6	15.66
	43	42.0	8.90	50.1	11.23	58.3	13.87	62.2	15.04	66.3	15.79	68.4	16.40	69.6	16.60
46	39.4	10.01	47.0	12.79	54.6	15.79	58.3	17.06	60.2	17.54	62.4	18.00	63.6	18.03	
48	34.9	8.75	41.6	11.19	48.3	13.82	51.6	14.88	52.2	15.12	54.2	15.50	55.3	15.51	
80	10	39.2	3.49	46.8	4.18	54.4	4.91	58.3	5.29	62.2	5.68	69.7	6.48	77.2	7.04
	12	39.2	3.56	46.8	4.23	54.4	5.01	58.3	5.40	62.2	5.78	69.7	6.61	77.2	7.18
	14	39.2	3.60	46.8	4.33	54.4	5.08	58.3	5.49	62.2	5.88	69.7	6.72	77.2	7.31
	16	39.2	3.65	46.8	4.40	54.4	5.18	58.3	5.59	62.2	6.00	69.7	6.87	77.2	7.46
	18	39.2	3.73	46.8	4.47	54.4	5.27	58.3	5.68	62.2	6.12	69.7	6.99	77.2	7.61
	20	39.2	3.80	46.8	4.57	54.4	5.40	58.3	5.81	62.2	6.24	69.7	7.26	77.2	8.07
	21	39.2	3.82	46.8	4.62	54.4	5.44	58.3	5.88	62.2	6.39	69.7	7.48	77.2	8.28
	23	39.2	3.90	46.8	4.69	54.4	5.68	58.3	6.24	62.2	6.82	69.7	7.90	77.2	8.70
	25	39.2	4.04	46.8	5.01	54.4	6.09	58.3	6.68	62.2	7.31	69.7	8.46	77.2	9.30
	27	39.2	4.28	46.8	5.32	54.4	6.51	58.3	7.13	62.2	7.79	69.7	8.99	77.2	9.78
	29	39.2	4.55	46.8	5.68	54.4	6.92	58.3	7.59	62.2	8.32	69.7	9.63	77.2	10.47
	31	39.2	4.84	46.8	6.02	54.4	7.37	58.3	8.11	62.2	8.85	69.7	10.22	77.2	10.99
	33	39.2	5.13	46.8	6.44	54.4	7.87	58.3	8.63	62.2	9.43	69.7	10.77	77.2	11.53
	35	39.2	5.44	46.8	6.82	54.4	8.37	58.3	9.19	62.2	10.06	69.7	11.42	76.4	11.95
	37	39.2	5.76	46.8	7.25	54.4	8.87	58.3	9.77	62.2	10.69	69.7	12.05	75.2	12.49
	39	39.2	6.09	46.8	7.67	54.4	9.50	58.3	10.51	62.2	11.49	69.7	12.73	73.9	13.18
	41	38.3	6.73	45.6	8.50	52.9	10.42	56.8	11.51	60.5	12.62	67.9	14.16	70.8	14.60
	43	37.3	7.41	44.4	9.28	51.6	11.38	55.3	12.55	59.1	13.79	66.3	15.16	67.9	15.63
46	34.9	8.24	41.6	10.45	48.4	12.82	51.8	13.97	55.3	15.57	60.5	16.55	62.0	16.81	
48	31.0	7.20	36.9	9.13	42.9	11.21	45.9	12.20	49.0	13.62	52.6	14.33	53.9	14.47	

7. Capacity Tables

Cooling Capacity (26HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	34.3	3.10	41.1	3.70	47.6	4.28	50.9	4.62	54.4	4.94	60.9	5.63	67.6	6.29
	12	34.3	3.15	41.1	3.74	47.6	4.38	50.9	4.70	54.4	5.04	60.9	5.73	67.6	6.41
	14	34.3	3.21	41.1	3.79	47.6	4.45	50.9	4.77	54.4	5.11	60.9	5.84	67.6	6.53
	16	34.3	3.25	41.1	3.87	47.6	4.53	50.9	4.87	54.4	5.21	60.9	5.94	67.6	6.67
	18	34.3	3.30	41.1	3.94	47.6	4.62	50.9	4.96	54.4	5.31	60.9	6.04	67.6	6.78
	20	34.3	3.35	41.1	4.01	47.6	4.70	50.9	5.07	54.4	5.43	60.9	6.19	67.6	7.04
	21	34.3	3.40	41.1	4.04	47.6	4.75	50.9	5.11	54.4	5.48	60.9	6.29	67.6	7.19
	23	34.3	3.45	41.1	4.13	47.6	4.84	50.9	5.28	54.4	5.75	60.9	6.72	67.6	7.59
	25	34.3	3.49	41.1	4.28	47.6	5.16	50.9	5.65	54.4	6.14	60.9	7.19	67.6	7.96
	27	34.3	3.70	41.1	4.58	47.6	5.50	50.9	5.99	54.4	6.55	60.9	7.68	67.6	8.47
	29	34.3	3.94	41.1	4.84	47.6	5.84	50.9	6.38	54.4	6.97	60.9	8.19	67.6	9.07
	31	34.3	4.18	41.1	5.16	47.6	6.24	50.9	6.82	54.4	7.44	60.9	8.73	67.6	9.62
	33	34.3	4.43	41.1	5.45	47.6	6.63	50.9	7.24	54.4	7.90	60.9	9.29	67.6	10.24
	35	34.3	4.67	41.1	5.82	47.6	7.04	50.9	7.70	54.4	8.41	60.9	9.90	67.6	10.86
	37	34.3	4.96	41.1	6.16	47.6	7.49	50.9	8.19	54.4	8.95	60.9	10.54	67.6	11.46
	39	34.3	5.27	41.1	6.57	47.6	8.00	50.9	8.81	54.4	9.67	60.9	11.28	67.6	12.36
	41	33.4	5.82	40.1	7.21	46.4	8.77	49.6	9.67	52.9	10.51	59.3	12.39	65.9	13.33
	43	32.7	6.35	39.0	7.85	45.2	9.58	48.5	10.54	51.6	11.48	57.8	13.54	64.2	14.41
46	30.6	7.05	36.6	8.83	42.4	10.78	45.3	11.74	48.4	12.94	54.2	15.27	60.2	16.06	
48	27.1	6.16	32.3	7.71	37.5	9.43	40.1	10.26	42.9	11.32	47.9	13.36	53.3	13.90	
60	10	29.4	2.72	35.1	3.19	40.8	3.71	43.7	3.99	46.6	4.23	52.2	4.80	58.0	5.36
	12	29.4	2.77	35.1	3.24	40.8	3.76	43.7	4.03	46.6	4.30	52.2	4.87	58.0	5.47
	14	29.4	2.79	35.1	3.29	40.8	3.83	43.7	4.10	46.6	4.37	52.2	4.97	58.0	5.56
	16	29.4	2.85	35.1	3.36	40.8	3.88	43.7	4.18	46.6	4.48	52.2	5.07	58.0	5.66
	18	29.4	2.89	35.1	3.42	40.8	3.95	43.7	4.25	46.6	4.54	52.2	5.15	58.0	5.79
	20	29.4	2.94	35.1	3.46	40.8	4.03	43.7	4.33	46.6	4.62	52.2	5.24	58.0	5.91
	21	29.4	2.97	35.1	3.49	40.8	4.08	43.7	4.37	46.6	4.67	52.2	5.32	58.0	5.96
	23	29.4	3.02	35.1	3.56	40.8	4.13	43.7	4.45	46.6	4.77	52.2	5.51	58.0	6.33
	25	29.4	3.06	35.1	3.63	40.8	4.30	43.7	4.67	46.6	5.07	52.2	5.89	58.0	6.78
	27	29.4	3.17	35.1	3.83	40.8	4.58	43.7	4.97	46.6	5.39	52.2	6.25	58.0	7.22
	29	29.4	3.36	35.1	4.08	40.8	4.87	43.7	5.30	46.6	5.74	52.2	6.67	58.0	7.71
	31	29.4	3.56	35.1	4.33	40.8	5.17	43.7	5.64	46.6	6.10	52.2	7.12	58.0	8.21
	33	29.4	3.76	35.1	4.58	40.8	5.49	43.7	5.98	46.6	6.50	52.2	7.56	58.0	8.76
	35	29.4	3.99	35.1	4.87	40.8	5.83	43.7	6.36	46.6	6.90	52.2	8.06	58.0	9.29
	37	29.4	4.20	35.1	5.14	40.8	6.18	43.7	6.75	46.6	7.32	52.2	8.55	58.0	9.89
	39	29.4	4.47	35.1	5.47	40.8	6.67	43.7	7.24	46.6	7.88	52.2	9.17	58.0	10.60
	41	28.6	4.85	34.2	5.99	39.8	7.24	42.5	7.91	45.3	8.55	50.9	10.07	56.5	11.51
	43	27.9	5.27	33.4	6.52	38.8	7.90	41.6	8.62	44.2	9.33	49.6	10.98	55.1	12.58
46	26.2	5.90	31.2	7.32	36.4	8.89	38.9	9.69	41.4	10.49	46.6	12.38	51.6	14.33	
48	23.2	5.14	27.7	6.39	32.1	7.77	34.4	8.47	36.6	9.17	41.2	10.83	45.7	12.54	
50	10	24.5	2.38	29.4	2.75	34.0	3.13	36.4	3.35	38.8	3.55	43.4	4.00	48.3	4.45
	12	24.5	2.40	29.4	2.77	34.0	3.17	36.4	3.40	38.8	3.63	43.4	4.07	48.3	4.52
	14	24.5	2.42	29.4	2.82	34.0	3.23	36.4	3.45	38.8	3.67	43.4	4.13	48.3	4.60
	16	24.5	2.48	29.4	2.88	34.0	3.27	36.4	3.52	38.8	3.73	43.4	4.20	48.3	4.67
	18	24.5	2.50	29.4	2.90	34.0	3.32	36.4	3.57	38.8	3.80	43.4	4.27	48.3	4.77
	20	24.5	2.52	29.4	2.94	34.0	3.40	36.4	3.63	38.8	3.88	43.4	4.35	48.3	4.88
	21	24.5	2.55	29.4	2.98	34.0	3.42	36.4	3.67	38.8	3.90	43.4	4.40	48.3	4.92
	23	24.5	2.60	29.4	3.02	34.0	3.48	36.4	3.73	38.8	3.98	43.4	4.48	48.3	5.02
	25	24.5	2.63	29.4	3.07	34.0	3.55	36.4	3.80	38.8	4.10	43.4	4.70	48.3	5.38
	27	24.5	2.67	29.4	3.17	34.0	3.75	36.4	4.05	38.8	4.35	43.4	5.02	48.3	5.72
	29	24.5	2.82	29.4	3.38	34.0	3.98	36.4	4.30	38.8	4.63	43.4	5.32	48.3	6.07
	31	24.5	2.98	29.4	3.57	34.0	4.23	36.4	4.55	38.8	4.92	43.4	5.67	48.3	6.47
	33	24.5	3.15	29.4	3.77	34.0	4.48	36.4	4.82	38.8	5.23	43.4	6.02	48.3	6.90
	35	24.5	3.32	29.4	4.00	34.0	4.73	36.4	5.13	38.8	5.52	43.4	6.38	48.3	7.32
	37	24.5	3.52	29.4	4.23	34.0	5.00	36.4	5.42	38.8	5.84	43.4	6.80	48.3	7.78
	39	24.5	3.76	29.4	4.53	34.0	5.36	36.4	5.84	38.8	6.28	43.4	7.24	48.3	8.40
	41	23.9	4.07	28.6	4.90	33.2	5.86	35.5	6.32	37.7	6.80	42.3	7.94	47.1	9.12
	43	23.4	4.42	27.9	5.33	32.3	6.38	34.6	6.88	36.8	7.40	41.2	8.65	45.9	9.95
46	21.9	4.95	26.2	5.98	30.3	7.15	32.5	7.73	34.5	8.32	38.6	9.74	43.1	11.20	
48	19.3	4.31	23.2	5.21	26.8	6.24	28.6	6.75	30.5	7.25	34.2	8.51	38.1	9.78	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM280BTE5

Cooling Capacity (28HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI			
130	10	71.7	7.48	85.4	9.14	91.5	10.60	94.1	10.82	96.8	10.90	101.4	10.98	104.0	11.03
	12	71.7	7.66	85.4	9.46	91.5	11.03	94.1	11.10	96.8	11.20	101.4	11.28	104.0	11.38
	14	71.7	7.91	85.4	9.81	91.5	11.45	94.1	11.53	96.8	11.63	101.4	11.71	104.0	11.83
	16	71.7	8.21	85.4	10.15	91.5	11.96	94.1	12.08	96.8	12.17	101.4	12.28	104.0	12.38
	18	71.7	8.55	85.4	10.73	91.5	12.51	94.1	12.78	96.8	12.89	101.4	13.01	104.0	13.10
	20	71.7	8.93	85.4	11.43	91.5	13.13	94.1	14.05	96.8	14.17	99.9	14.32	102.6	14.41
	21	71.7	9.16	85.4	11.84	91.5	13.40	94.1	14.88	96.8	15.00	99.4	15.15	102.0	15.25
	23	71.7	9.84	85.4	12.46	91.5	14.10	94.1	16.42	95.5	16.54	97.9	16.71	100.5	16.82
	25	71.7	10.50	85.4	13.17	91.5	15.07	93.0	18.20	94.1	18.35	96.8	18.53	99.4	18.66
	27	71.7	11.23	85.4	14.08	90.3	16.06	91.5	20.04	93.0	20.21	95.5	20.41	97.9	20.54
	29	71.7	11.98	85.4	15.05	88.9	17.27	90.1	22.03	91.5	22.16	94.1	22.36	96.8	22.45
	31	71.7	12.77	85.1	15.86	87.4	18.37	88.9	21.93	90.1	22.07	92.6	22.26	95.2	22.35
	33	71.7	13.61	83.6	16.80	86.3	19.71	87.7	21.73	88.9	21.87	91.5	22.06	93.8	22.15
	35	71.7	14.51	82.1	17.59	84.7	21.35	86.3	21.45	87.7	21.58	90.0	21.77	92.6	21.86
	37	71.7	15.48	81.0	18.46	83.6	21.07	84.7	21.17	86.3	21.30	88.6	21.48	91.2	21.57
	39	71.7	16.48	79.6	19.43	82.1	20.78	83.6	20.89	84.7	21.01	87.4	21.20	90.0	21.28
	41	69.8	17.48	76.3	20.40	78.8	20.50	80.0	20.60	81.6	20.72	84.0	20.91	86.3	20.99
	43	68.1	18.43	73.1	20.12	75.6	20.22	76.8	20.32	78.3	20.44	80.7	20.62	82.9	20.70
46	63.9	19.74	66.7	19.69	69.1	19.79	70.2	19.89	71.6	20.01	73.9	20.19	75.9	20.27	
48	56.5	19.18	57.9	19.24	60.0	19.28	61.0	19.34	62.3	19.51	64.3	19.63	66.1	19.71	
120	10	66.3	6.72	78.8	8.25	86.1	9.80	88.7	10.59	91.4	10.75	96.4	10.80	98.7	10.88
	12	66.3	6.90	78.8	8.53	86.1	10.19	88.7	10.82	91.4	11.15	96.4	11.29	98.7	11.38
	14	66.3	7.15	78.8	8.81	86.1	10.60	88.7	11.23	91.4	11.56	96.4	11.73	98.7	11.83
	16	66.3	7.40	78.8	9.17	86.1	11.02	88.7	11.64	91.4	12.10	96.4	12.25	98.7	12.34
	18	66.3	7.70	78.8	9.59	86.1	11.45	88.7	12.26	91.4	12.72	96.4	12.86	98.7	12.97
	20	66.3	7.98	78.8	10.17	86.1	12.08	88.7	12.89	91.4	13.39	96.4	13.57	98.7	13.67
	21	66.3	8.23	78.8	10.53	86.1	12.41	88.7	13.27	91.4	13.84	96.4	14.01	98.7	14.12
	23	66.3	8.79	78.8	11.27	86.1	13.30	88.7	14.10	91.4	14.75	96.4	14.90	98.7	15.02
	25	66.3	9.39	78.8	12.08	86.1	14.02	88.7	15.04	91.4	15.81	95.2	15.95	97.5	16.08
	27	66.3	10.03	78.8	12.91	86.1	14.93	88.7	16.07	91.4	17.00	93.8	17.11	96.1	17.25
	29	66.3	10.70	78.8	13.77	86.1	15.71	88.7	17.20	89.9	18.12	92.2	18.38	94.9	18.53
	31	66.3	11.40	78.8	14.71	86.1	16.52	87.6	18.42	88.7	19.43	91.1	19.78	93.4	19.94
	33	66.3	12.14	78.8	15.68	85.0	17.47	86.1	19.99	87.3	20.87	89.6	21.10	92.0	21.27
	35	66.3	12.91	78.8	16.72	83.5	18.50	84.7	22.03	86.1	22.13	88.5	22.20	90.8	22.38
	37	66.3	13.88	78.8	17.64	82.3	19.72	83.5	21.57	84.7	21.67	87.0	21.73	89.4	21.91
	39	66.3	14.95	78.6	18.65	80.9	20.92	82.1	21.12	83.2	21.23	85.9	21.29	88.2	21.46
	41	64.6	16.01	75.1	19.65	77.7	20.50	78.7	20.67	79.9	20.79	82.2	20.84	84.5	21.01
	43	63.0	17.09	71.9	19.37	74.4	20.04	75.6	20.24	76.7	20.34	78.9	20.40	81.2	20.56
46	59.0	18.38	65.6	18.91	68.0	19.41	69.0	19.57	70.0	19.67	72.1	19.73	74.3	19.89	
48	52.2	18.00	57.0	18.57	59.1	19.03	60.0	19.15	60.9	19.21	62.8	19.29	64.7	19.36	
110	10	60.7	6.05	72.3	7.37	80.8	8.76	83.1	9.48	88.4	10.20	90.4	10.49	96.5	10.66
	12	60.7	6.24	72.3	7.62	80.8	9.12	83.1	9.75	88.4	10.58	90.4	10.93	96.5	11.18
	14	60.7	6.44	72.3	7.96	80.8	9.54	83.1	10.23	88.4	11.12	90.4	11.43	96.5	11.68
	16	60.7	6.67	72.3	8.26	80.8	9.93	83.1	10.68	88.4	11.63	90.4	11.95	96.5	12.16
	18	60.7	6.90	72.3	8.60	80.8	10.50	83.1	11.25	88.4	12.27	90.4	12.51	96.5	12.74
	20	60.7	7.15	72.3	9.03	80.8	11.13	83.1	11.76	88.4	12.86	90.4	13.19	96.5	13.39
	21	60.7	7.32	72.3	9.29	80.8	11.42	83.1	12.08	88.4	13.22	90.4	13.56	96.5	13.77
	23	60.7	7.79	72.3	9.97	80.8	12.06	83.1	12.74	88.4	13.97	90.4	14.27	96.5	14.50
	25	60.7	8.33	72.3	10.63	80.8	12.74	83.1	13.47	88.4	14.76	90.4	14.97	95.4	15.28
	27	60.7	8.89	72.3	11.37	80.8	13.46	83.1	14.27	88.4	15.41	90.4	15.76	94.0	16.04
	29	60.7	9.49	72.3	12.14	80.8	14.23	83.1	15.11	88.4	16.29	90.4	16.57	92.7	16.82
	31	60.7	10.10	72.3	12.94	80.8	15.03	83.1	16.01	86.9	17.12	89.2	17.45	91.3	17.63
	33	60.7	10.77	72.3	13.77	80.8	15.88	83.1	16.96	85.7	18.08	87.8	18.38	90.1	18.48
	35	60.7	11.43	72.3	14.71	80.8	16.77	83.1	17.97	84.3	19.08	86.3	19.26	88.7	19.35
	37	60.7	12.12	72.3	15.61	80.8	17.70	81.9	19.04	82.8	20.12	85.2	20.19	87.2	20.24
	39	60.7	13.07	72.3	16.59	79.3	18.68	80.5	20.37	81.7	21.12	83.7	21.15	86.1	21.17
	41	59.1	14.02	70.5	17.57	75.9	19.71	77.1	22.03	78.1	22.03	80.4	22.20	82.4	22.38
	43	57.6	14.72	68.8	18.31	72.8	20.90	74.0	21.13	74.9	21.09	77.2	21.20	79.1	21.27
46	54.1	14.37	64.4	17.67	66.3	19.83	67.5	19.83	68.4	20.00	70.5	20.11	72.3	20.17	
48	47.8	13.95	56.0	17.02	57.6	18.86	58.7	18.99	59.5	19.08	61.3	19.14	63.0	19.21	

7. Capacity Tables

Cooling Capacity (28HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	52.9	5.44	63.0	6.62	73.3	7.85	78.4	8.49	83.5	9.12	92.5	10.15	94.5	10.23
	12	52.9	5.62	63.0	6.89	73.3	8.12	78.4	8.71	83.5	9.41	92.5	10.70	94.5	10.80
	14	52.9	5.79	63.0	7.17	73.3	8.46	78.4	9.09	83.5	9.82	92.5	11.30	94.5	11.40
	16	52.9	5.97	63.0	7.40	73.3	8.83	78.4	9.52	83.5	10.35	92.5	11.84	94.5	12.01
	18	52.9	6.15	63.0	7.68	73.3	9.16	78.4	9.99	83.5	10.97	92.5	12.51	94.5	12.61
	20	52.9	6.37	63.0	7.97	73.3	9.70	78.4	10.70	83.5	11.73	92.5	13.11	94.5	13.22
	21	52.9	6.50	63.0	8.16	73.3	10.03	78.4	11.07	83.5	12.17	92.5	13.41	94.5	13.52
	23	52.9	6.89	63.0	8.73	73.3	10.77	78.4	11.88	83.5	13.04	92.5	14.04	94.5	14.15
	25	52.9	7.32	63.0	9.29	73.3	11.50	78.4	12.71	83.5	13.95	92.5	14.64	93.8	14.76
	27	52.9	7.83	63.0	9.93	73.3	12.31	78.4	13.57	83.5	14.83	90.7	15.33	92.6	15.45
	29	52.9	8.33	63.0	10.60	73.3	13.14	78.4	14.51	83.5	15.69	89.1	15.94	91.2	16.07
	31	52.9	8.89	63.0	11.30	73.3	14.02	78.4	15.48	83.5	16.49	87.7	16.56	89.8	16.69
	33	52.9	9.43	63.0	12.04	73.3	14.95	78.4	16.52	83.5	17.11	86.3	17.18	88.4	17.32
	35	52.9	10.03	63.0	12.81	73.3	15.91	78.4	17.62	82.2	17.73	84.7	17.80	86.8	17.94
	37	52.9	10.75	63.0	13.74	73.3	16.86	78.4	18.46	80.8	18.55	83.1	18.63	85.1	18.80
	39	52.9	11.52	63.0	14.75	73.3	17.87	78.4	19.36	79.5	19.45	81.8	19.52	83.7	19.71
	41	52.1	12.29	62.0	15.78	72.2	18.88	75.2	20.27	76.8	20.34	78.7	20.42	81.2	20.61
	43	50.3	13.01	59.9	16.72	69.7	19.78	72.1	21.04	73.0	21.12	75.2	21.19	77.2	21.38
46	47.1	14.00	56.1	18.03	65.3	20.97	65.8	22.03	66.5	22.10	68.7	22.16	70.5	22.36	
48	41.7	12.08	49.7	15.60	56.4	17.93	57.2	18.69	57.8	18.75	59.7	18.80	61.4	18.94	
90	10	47.6	4.61	56.9	5.55	66.1	6.54	70.5	7.04	75.1	7.58	84.3	8.49	93.5	9.44
	12	47.6	4.67	56.9	5.63	66.1	6.65	70.5	7.19	75.1	7.76	84.3	8.65	93.5	9.61
	14	47.6	4.76	56.9	5.75	66.1	6.79	70.5	7.33	75.1	7.90	84.3	8.82	93.5	9.81
	16	47.6	4.84	56.9	5.85	66.1	6.94	70.5	7.48	75.1	8.03	84.3	8.99	93.5	9.97
	18	47.6	4.93	56.9	5.97	66.1	7.04	70.5	7.64	75.1	8.21	84.3	9.19	93.5	10.48
	20	47.6	5.01	56.9	6.09	66.1	7.19	70.5	7.78	75.1	8.52	84.3	9.84	93.5	10.98
	21	47.6	5.06	56.9	6.14	66.1	7.33	70.5	8.03	75.1	8.83	84.3	9.99	93.5	11.23
	23	47.6	5.18	56.9	6.40	66.1	7.84	70.5	8.63	75.1	9.46	84.3	10.60	92.2	11.75
	25	47.6	5.43	56.9	6.82	66.1	8.38	70.5	9.22	75.1	10.11	84.3	11.33	90.9	12.26
	27	47.6	5.80	56.9	7.28	66.1	8.94	70.5	9.86	75.1	10.81	84.3	12.05	89.6	12.83
	29	47.6	6.14	56.9	7.76	66.1	9.57	70.5	10.53	75.1	11.55	84.3	12.76	88.2	13.35
	31	47.6	6.54	56.9	8.27	66.1	10.19	70.5	11.21	75.1	12.31	84.3	13.40	86.9	13.87
	33	47.6	6.96	56.9	8.80	66.1	10.87	70.5	11.94	75.1	13.06	84.3	14.05	85.6	14.38
	35	47.6	7.39	56.9	9.34	66.1	11.55	70.5	12.74	75.1	13.85	82.8	14.86	84.2	15.19
	37	47.6	7.84	56.9	9.94	66.1	12.31	70.5	13.53	75.1	14.62	81.5	15.53	82.9	15.88
	39	47.6	8.30	56.9	10.56	66.1	13.03	70.5	14.40	75.1	15.37	80.2	16.38	81.6	16.57
	41	46.4	9.29	55.3	11.72	64.4	14.30	68.8	15.74	73.1	16.60	76.8	17.25	78.2	17.65
	43	45.2	10.03	54.0	12.66	62.8	15.63	67.0	16.95	71.3	17.79	73.7	18.48	75.0	18.70
46	42.4	11.28	50.6	14.42	58.8	17.80	62.8	19.23	64.8	19.77	67.2	20.29	68.5	20.31	
48	37.5	9.86	44.8	12.61	52.0	15.58	55.6	16.77	56.3	17.04	58.4	17.46	59.5	17.48	
80	10	42.3	3.92	50.4	4.71	58.5	5.52	62.7	5.96	66.9	6.40	75.1	7.30	83.1	7.93
	12	42.3	4.00	50.4	4.76	58.5	5.64	62.7	6.07	66.9	6.51	75.1	7.44	83.1	8.08
	14	42.3	4.05	50.4	4.88	58.5	5.71	62.7	6.18	66.9	6.61	75.1	7.57	83.1	8.23
	16	42.3	4.11	50.4	4.95	58.5	5.83	62.7	6.29	66.9	6.76	75.1	7.73	83.1	8.39
	18	42.3	4.19	50.4	5.03	58.5	5.93	62.7	6.40	66.9	6.89	75.1	7.86	83.1	8.57
	20	42.3	4.27	50.4	5.15	58.5	6.07	62.7	6.54	66.9	7.03	75.1	8.17	83.1	9.08
	21	42.3	4.30	50.4	5.20	58.5	6.13	62.7	6.61	66.9	7.19	75.1	8.42	83.1	9.32
	23	42.3	4.39	50.4	5.28	58.5	6.40	62.7	7.03	66.9	7.68	75.1	8.89	83.1	9.79
	25	42.3	4.54	50.4	5.64	58.5	6.86	62.7	7.52	66.9	8.22	75.1	9.52	83.1	10.47
	27	42.3	4.81	50.4	5.99	58.5	7.32	62.7	8.03	66.9	8.76	75.1	10.12	83.1	11.01
	29	42.3	5.12	50.4	6.40	58.5	7.79	62.7	8.55	66.9	9.37	75.1	10.84	83.1	11.79
	31	42.3	5.44	50.4	6.78	58.5	8.30	62.7	9.12	66.9	9.96	75.1	11.50	83.1	12.37
	33	42.3	5.78	50.4	7.24	58.5	8.85	62.7	9.72	66.9	10.62	75.1	12.12	83.1	12.98
	35	42.3	6.13	50.4	7.68	58.5	9.42	62.7	10.35	66.9	11.33	75.1	12.85	82.3	13.45
	37	42.3	6.48	50.4	8.16	58.5	9.99	62.7	11.00	66.9	12.03	75.1	13.56	81.0	14.06
	39	42.3	6.85	50.4	8.63	58.5	10.69	62.7	11.83	66.9	12.93	75.1	14.33	79.6	14.83
	41	41.2	7.57	49.1	9.56	57.0	11.73	61.1	12.96	65.2	14.21	73.1	15.94	76.3	16.43
	43	40.2	8.34	47.9	10.44	55.6	12.81	59.6	14.13	63.6	15.53	71.3	17.06	73.1	17.60
46	37.6	9.28	44.8	11.76	52.1	14.43	55.8	15.72	59.6	17.52	65.2	18.62	66.7	18.92	
48	33.3	8.10	39.7	10.28	46.1	12.62	49.4	13.74	52.7	15.33	56.7	16.13	58.0	16.29	

7. Capacity Tables

Cooling Capacity (28HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	36.9	3.49	44.3	4.16	51.3	4.81	54.9	5.20	58.5	5.55	65.5	6.32	72.8	7.07
	12	36.9	3.54	44.3	4.21	51.3	4.92	54.9	5.28	58.5	5.67	65.5	6.44	72.8	7.21
	14	36.9	3.60	44.3	4.26	51.3	5.00	54.9	5.36	58.5	5.75	65.5	6.57	72.8	7.34
	16	36.9	3.66	44.3	4.35	51.3	5.09	54.9	5.48	58.5	5.86	65.5	6.68	72.8	7.50
	18	36.9	3.71	44.3	4.43	51.3	5.20	54.9	5.58	58.5	5.97	65.5	6.79	72.8	7.63
	20	36.9	3.77	44.3	4.50	51.3	5.28	54.9	5.69	58.5	6.11	65.5	6.95	72.8	7.92
	21	36.9	3.82	44.3	4.54	51.3	5.34	54.9	5.75	58.5	6.16	65.5	7.07	72.8	8.08
	23	36.9	3.87	44.3	4.64	51.3	5.44	54.9	5.94	58.5	6.46	65.5	7.56	72.8	8.54
	25	36.9	3.93	44.3	4.81	51.3	5.80	54.9	6.35	58.5	6.90	65.5	8.08	72.8	8.95
	27	36.9	4.16	44.3	5.14	51.3	6.18	54.9	6.74	58.5	7.36	65.5	8.63	72.8	9.52
	29	36.9	4.43	44.3	5.44	51.3	6.57	54.9	7.17	58.5	7.84	65.5	9.21	72.8	10.19
	31	36.9	4.70	44.3	5.80	51.3	7.02	54.9	7.67	58.5	8.36	65.5	9.81	72.8	10.82
	33	36.9	4.98	44.3	6.13	51.3	7.45	54.9	8.13	58.5	8.88	65.5	10.44	72.8	11.52
	35	36.9	5.25	44.3	6.54	51.3	7.92	54.9	8.66	58.5	9.46	65.5	11.13	72.8	12.21
	37	36.9	5.58	44.3	6.93	51.3	8.41	54.9	9.21	58.5	10.06	65.5	11.85	72.8	12.89
	39	36.9	5.92	44.3	7.39	51.3	9.00	54.9	9.91	58.5	10.87	65.5	12.68	72.8	13.89
	41	36.0	6.55	43.1	8.10	49.9	9.86	53.5	10.87	57.0	11.81	63.9	13.93	70.9	14.98
	43	35.2	7.14	42.0	8.82	48.7	10.77	52.2	11.85	55.6	12.91	62.3	15.22	69.1	16.20
46	32.9	7.93	39.4	9.93	45.7	12.12	48.8	13.20	52.1	14.55	58.3	17.17	64.8	18.06	
48	29.1	6.92	34.8	8.66	40.4	10.60	43.2	11.54	46.1	12.72	51.6	15.02	57.4	15.63	
60	10	31.7	3.06	37.8	3.58	43.9	4.17	47.1	4.47	50.1	4.75	56.3	5.38	62.5	6.02
	12	31.7	3.11	37.8	3.63	43.9	4.22	47.1	4.53	50.1	4.83	56.3	5.47	62.5	6.14
	14	31.7	3.13	37.8	3.70	43.9	4.30	47.1	4.60	50.1	4.91	56.3	5.58	62.5	6.24
	16	31.7	3.20	37.8	3.77	43.9	4.36	47.1	4.69	50.1	5.03	56.3	5.69	62.5	6.36
	18	31.7	3.25	37.8	3.84	43.9	4.44	47.1	4.77	50.1	5.10	56.3	5.78	62.5	6.50
	20	31.7	3.30	37.8	3.89	43.9	4.53	47.1	4.86	50.1	5.19	56.3	5.88	62.5	6.64
	21	31.7	3.34	37.8	3.91	43.9	4.58	47.1	4.91	50.1	5.24	56.3	5.97	62.5	6.69
	23	31.7	3.39	37.8	4.00	43.9	4.64	47.1	5.00	50.1	5.36	56.3	6.19	62.5	7.11
	25	31.7	3.44	37.8	4.08	43.9	4.83	47.1	5.24	50.1	5.69	56.3	6.61	62.5	7.61
	27	31.7	3.55	37.8	4.30	43.9	5.14	47.1	5.58	50.1	6.05	56.3	7.02	62.5	8.11
	29	31.7	3.77	37.8	4.58	43.9	5.47	47.1	5.95	50.1	6.44	56.3	7.49	62.5	8.66
	31	31.7	4.00	37.8	4.86	43.9	5.81	47.1	6.33	50.1	6.86	56.3	7.99	62.5	9.22
	33	31.7	4.22	37.8	5.14	43.9	6.16	47.1	6.71	50.1	7.30	56.3	8.49	62.5	9.83
	35	31.7	4.47	37.8	5.47	43.9	6.55	47.1	7.14	50.1	7.75	56.3	9.05	62.5	10.44
	37	31.7	4.72	37.8	5.77	43.9	6.94	47.1	7.58	50.1	8.22	56.3	9.60	62.5	11.10
	39	31.7	5.02	37.8	6.14	43.9	7.49	47.1	8.13	50.1	8.84	56.3	10.30	62.5	11.90
	41	30.8	5.45	36.8	6.73	42.9	8.13	45.8	8.89	48.8	9.60	54.8	11.31	60.9	12.93
	43	30.1	5.92	35.9	7.32	41.8	8.87	44.7	9.68	47.6	10.47	53.5	12.33	59.3	14.13
46	28.2	6.62	33.6	8.22	39.2	9.98	41.9	10.88	44.6	11.78	50.1	13.90	55.6	16.10	
48	24.9	5.77	29.8	7.18	34.6	8.72	37.1	9.51	39.5	10.29	44.3	12.16	49.2	14.08	
50	10	26.4	2.66	31.7	3.08	36.7	3.51	39.2	3.76	41.7	3.98	46.7	4.49	52.1	4.99
	12	26.4	2.69	31.7	3.11	36.7	3.56	39.2	3.81	41.7	4.07	46.7	4.57	52.1	5.07
	14	26.4	2.72	31.7	3.16	36.7	3.62	39.2	3.86	41.7	4.12	46.7	4.63	52.1	5.16
	16	26.4	2.78	31.7	3.23	36.7	3.67	39.2	3.95	41.7	4.18	46.7	4.71	52.1	5.24
	18	26.4	2.80	31.7	3.25	36.7	3.72	39.2	4.00	41.7	4.26	46.7	4.79	52.1	5.35
	20	26.4	2.83	31.7	3.30	36.7	3.81	39.2	4.07	41.7	4.35	46.7	4.88	52.1	5.47
	21	26.4	2.86	31.7	3.34	36.7	3.84	39.2	4.12	41.7	4.37	46.7	4.93	52.1	5.52
	23	26.4	2.92	31.7	3.39	36.7	3.90	39.2	4.18	41.7	4.46	46.7	5.02	52.1	5.63
	25	26.4	2.94	31.7	3.44	36.7	3.98	39.2	4.26	41.7	4.60	46.7	5.27	52.1	6.03
	27	26.4	3.00	31.7	3.56	36.7	4.21	39.2	4.54	41.7	4.88	46.7	5.63	52.1	6.41
	29	26.4	3.16	31.7	3.79	36.7	4.46	39.2	4.82	41.7	5.19	46.7	5.97	52.1	6.81
	31	26.4	3.34	31.7	4.00	36.7	4.74	39.2	5.10	41.7	5.52	46.7	6.36	52.1	7.26
	33	26.4	3.53	31.7	4.23	36.7	5.02	39.2	5.41	41.7	5.86	46.7	6.76	52.1	7.74
	35	26.4	3.72	31.7	4.49	36.7	5.30	39.2	5.75	41.7	6.20	46.7	7.15	52.1	8.21
	37	26.4	3.95	31.7	4.74	36.7	5.61	39.2	6.08	41.7	6.55	46.7	7.62	52.1	8.72
	39	26.4	4.21	31.7	5.08	36.7	6.01	39.2	6.55	41.7	7.04	46.7	8.12	52.1	9.42
	41	25.7	4.56	30.8	5.50	35.7	6.57	38.2	7.09	40.6	7.62	45.5	8.91	50.7	10.22
	43	25.2	4.96	30.1	5.98	34.8	7.15	37.3	7.72	39.7	8.30	44.4	9.71	49.5	11.15
46	23.6	5.55	28.2	6.71	32.7	8.02	34.9	8.67	37.1	9.33	41.6	10.92	46.4	12.56	
48	20.8	4.84	24.9	5.85	28.9	6.99	30.8	7.57	32.9	8.14	36.9	9.54	41.0	10.97	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM300BTE5

Cooling Capacity (30HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	76.8	7.14	91.5	8.72	98.0	10.12	100.8	10.33	103.7	10.40	108.7	10.48	111.5	10.53
	12	76.8	7.31	91.5	9.03	98.0	10.53	100.8	10.60	103.7	10.69	108.7	10.77	111.5	10.86
	14	76.8	7.55	91.5	9.36	98.0	10.93	100.8	11.01	103.7	11.10	108.7	11.18	111.5	11.29
	16	76.8	7.83	91.5	9.68	98.0	11.42	100.8	11.53	103.7	11.61	108.7	11.72	111.5	11.82
	18	76.8	8.17	91.5	10.24	98.0	11.94	100.8	12.20	103.7	12.30	108.7	12.42	111.5	12.50
	20	76.8	8.53	91.5	10.91	98.0	12.54	100.8	13.41	103.7	13.53	107.0	13.67	109.9	13.75
	21	76.8	8.75	91.5	11.30	98.0	12.79	100.8	14.20	103.7	14.32	106.5	14.46	109.3	14.56
	23	76.8	9.39	91.5	11.89	98.0	13.46	100.8	15.67	102.3	15.79	104.9	15.95	107.7	16.06
	25	76.8	10.02	91.5	12.57	98.0	14.39	99.7	17.38	100.8	17.52	103.7	17.69	106.5	17.81
	27	76.8	10.72	91.5	13.43	96.8	15.33	98.0	19.13	99.7	19.29	102.3	19.48	104.9	19.61
	29	76.8	11.43	91.5	14.37	95.2	16.49	96.6	21.03	98.0	21.15	100.8	21.34	103.7	21.43
	31	76.8	12.19	91.2	15.13	93.7	17.54	95.2	20.93	96.6	21.07	99.3	21.25	102.0	21.34
	33	76.8	12.99	89.6	16.03	92.4	18.81	93.9	20.74	95.2	20.87	98.0	21.05	100.5	21.14
	35	76.8	13.85	88.0	16.79	90.8	20.37	92.4	20.47	93.9	20.60	96.5	20.78	99.3	20.86
	37	76.8	14.77	86.8	17.62	89.6	20.11	90.8	20.21	92.4	20.33	94.9	20.50	97.7	20.59
	39	76.8	15.73	85.2	18.55	88.0	19.83	89.6	19.94	90.8	20.06	93.7	20.23	96.5	20.31
	41	74.8	16.68	81.7	19.47	84.5	19.56	85.7	19.66	87.4	19.78	90.0	19.96	92.5	20.04
	43	73.0	17.59	78.3	19.20	81.0	19.30	82.2	19.39	83.9	19.51	86.5	19.68	88.8	19.76
46	68.4	18.84	71.5	18.79	74.0	18.89	75.2	18.99	76.7	19.10	79.2	19.27	81.3	19.35	
48	60.5	18.31	62.0	18.36	64.3	18.41	65.3	18.46	66.8	18.62	68.9	18.74	70.8	18.81	
120	10	71.0	6.42	84.5	7.88	92.3	9.35	95.1	10.11	97.9	10.26	103.2	10.31	105.8	10.39
	12	71.0	6.59	84.5	8.14	92.3	9.73	95.1	10.33	97.9	10.65	103.2	10.77	105.8	10.86
	14	71.0	6.82	84.5	8.41	92.3	10.12	95.1	10.71	97.9	11.03	103.2	11.20	105.8	11.29
	16	71.0	7.06	84.5	8.75	92.3	10.52	95.1	11.11	97.9	11.55	103.2	11.69	105.8	11.78
	18	71.0	7.35	84.5	9.15	92.3	10.93	95.1	11.70	97.9	12.14	103.2	12.28	105.8	12.38
	20	71.0	7.62	84.5	9.70	92.3	11.53	95.1	12.31	97.9	12.78	103.2	12.95	105.8	13.05
	21	71.0	7.85	84.5	10.05	92.3	11.85	95.1	12.67	97.9	13.21	103.2	13.38	105.8	13.48
	23	71.0	8.39	84.5	10.76	92.3	12.69	95.1	13.46	97.9	14.08	103.2	14.22	105.8	14.34
	25	71.0	8.97	84.5	11.53	92.3	13.39	95.1	14.35	97.9	15.09	102.0	15.23	104.5	15.35
	27	71.0	9.57	84.5	12.32	92.3	14.25	95.1	15.33	97.9	16.22	100.5	16.34	103.0	16.46
	29	71.0	10.21	84.5	13.15	92.3	14.99	95.1	16.41	96.3	17.29	98.8	17.55	101.7	17.69
	31	71.0	10.88	84.5	14.04	92.3	15.77	93.8	17.59	95.1	18.55	97.6	18.88	100.1	19.03
	33	71.0	11.58	84.5	14.97	91.0	16.68	92.3	19.08	93.5	19.92	96.0	20.14	98.5	20.30
	35	71.0	12.32	84.5	15.96	89.5	17.66	90.7	21.03	92.3	21.13	94.8	21.19	97.3	21.36
	37	71.0	13.25	84.5	16.84	88.2	18.82	89.5	20.59	90.7	20.69	93.2	20.74	95.7	20.91
	39	71.0	14.27	84.2	17.80	86.7	19.96	87.9	20.16	89.2	20.26	92.0	20.32	94.5	20.48
	41	69.2	15.28	80.5	18.76	83.2	19.56	84.3	19.73	85.6	19.84	88.0	19.90	90.6	20.06
	43	67.5	16.31	77.1	18.48	79.8	19.13	81.0	19.32	82.2	19.41	84.5	19.47	87.0	19.63
46	63.3	17.54	70.3	18.05	72.8	18.53	74.0	18.68	75.0	18.77	77.3	18.83	79.6	18.98	
48	56.0	17.18	61.0	17.73	63.3	18.17	64.3	18.28	65.3	18.33	67.3	18.41	69.3	18.48	
110	10	65.0	5.77	77.5	7.04	86.5	8.36	89.0	9.05	94.7	9.74	96.8	10.01	103.4	10.17
	12	65.0	5.96	77.5	7.28	86.5	8.70	89.0	9.30	94.7	10.10	96.8	10.43	103.4	10.67
	14	65.0	6.14	77.5	7.60	86.5	9.10	89.0	9.76	94.7	10.62	96.8	10.91	103.4	11.15
	16	65.0	6.36	77.5	7.88	86.5	9.47	89.0	10.19	94.7	11.10	96.8	11.41	103.4	11.61
	18	65.0	6.59	77.5	8.21	86.5	10.02	89.0	10.73	94.7	11.71	96.8	11.94	103.4	12.16
	20	65.0	6.83	77.5	8.62	86.5	10.63	89.0	11.22	94.7	12.28	96.8	12.59	103.4	12.78
	21	65.0	6.99	77.5	8.87	86.5	10.90	89.0	11.53	94.7	12.62	96.8	12.94	103.4	13.14
	23	65.0	7.43	77.5	9.51	86.5	11.51	89.0	12.16	94.7	13.33	96.8	13.62	103.4	13.84
	25	65.0	7.95	77.5	10.15	86.5	12.16	89.0	12.86	94.7	14.08	96.8	14.29	102.2	14.58
	27	65.0	8.49	77.5	10.86	86.5	12.85	89.0	13.62	94.7	14.71	96.8	15.05	100.7	15.31
	29	65.0	9.06	77.5	11.58	86.5	13.58	89.0	14.42	94.7	15.55	96.8	15.81	99.3	16.05
	31	65.0	9.64	77.5	12.35	86.5	14.35	89.0	15.28	93.1	16.34	95.6	16.65	97.8	16.83
	33	65.0	10.28	77.5	13.15	86.5	15.16	89.0	16.19	91.8	17.25	94.0	17.54	96.5	17.64
	35	65.0	10.91	77.5	14.04	86.5	16.01	89.0	17.15	90.3	18.21	92.5	18.38	95.0	18.47
	37	65.0	11.56	77.5	14.90	86.5	16.90	87.8	18.17	88.7	19.20	91.2	19.27	93.4	19.32
	39	65.0	12.47	77.5	15.84	85.0	17.83	86.2	19.44	87.5	20.16	89.7	20.19	92.2	20.21
	41	63.3	13.38	75.5	16.77	81.3	18.81	82.6	21.03	83.7	21.03	86.2	21.19	88.3	21.36
	43	61.8	14.05	73.7	17.47	78.0	19.94	79.2	20.16	80.3	20.13	82.7	20.24	84.7	20.30
46	57.9	13.71	69.0	16.87	71.1	18.93	72.3	18.93	73.3	19.09	75.5	19.20	77.5	19.25	
48	51.2	13.31	60.0	16.25	61.8	18.00	62.9	18.12	63.7	18.22	65.7	18.27	67.5	18.34	

7. Capacity Tables

Cooling Capacity (30HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	56.7	5.20	67.5	6.32	78.6	7.50	84.0	8.10	89.4	8.70	99.1	9.69	101.3	9.76
	12	56.7	5.36	67.5	6.58	78.6	7.75	84.0	8.32	89.4	8.98	99.1	10.21	101.3	10.31
	14	56.7	5.53	67.5	6.84	78.6	8.08	84.0	8.68	89.4	9.37	99.1	10.78	101.3	10.88
	16	56.7	5.70	67.5	7.07	78.6	8.43	84.0	9.09	89.4	9.87	99.1	11.30	101.3	11.46
	18	56.7	5.87	67.5	7.33	78.6	8.75	84.0	9.54	89.4	10.47	99.1	11.94	101.3	12.04
	20	56.7	6.08	67.5	7.61	78.6	9.25	84.0	10.21	89.4	11.20	99.1	12.51	101.3	12.61
	21	56.7	6.20	67.5	7.79	78.6	9.57	84.0	10.57	89.4	11.61	99.1	12.80	101.3	12.90
	23	56.7	6.58	67.5	8.33	78.6	10.28	84.0	11.33	89.4	12.45	99.1	13.40	101.3	13.51
	25	56.7	6.99	67.5	8.87	78.6	10.98	84.0	12.13	89.4	13.31	99.1	13.98	100.5	14.08
	27	56.7	7.47	67.5	9.47	78.6	11.75	84.0	12.96	89.4	14.15	97.2	14.63	99.2	14.75
	29	56.7	7.95	67.5	10.12	78.6	12.54	84.0	13.85	89.4	14.97	95.4	15.22	97.7	15.34
	31	56.7	8.49	67.5	10.79	78.6	13.38	84.0	14.78	89.4	15.74	94.0	15.81	96.2	15.93
	33	56.7	9.00	67.5	11.49	78.6	14.27	84.0	15.77	89.4	16.33	92.5	16.39	94.7	16.53
	35	56.7	9.57	67.5	12.23	78.6	15.19	84.0	16.82	88.0	16.92	90.8	16.99	93.0	17.13
	37	56.7	10.26	67.5	13.11	78.6	16.10	84.0	17.62	86.6	17.71	89.0	17.78	91.2	17.95
	39	56.7	11.00	67.5	14.08	78.6	17.06	84.0	18.48	85.2	18.57	87.7	18.63	89.7	18.81
	41	55.8	11.73	66.5	15.06	77.3	18.02	80.6	19.34	82.3	19.42	84.3	19.49	87.0	19.67
	43	53.9	12.42	64.2	15.96	74.7	18.88	77.3	20.09	78.2	20.16	80.6	20.23	82.7	20.41
46	50.5	13.36	60.1	17.21	70.0	20.02	70.5	21.03	71.3	21.09	73.6	21.15	75.6	21.34	
48	44.7	11.53	53.2	14.89	60.5	17.11	61.3	17.84	62.0	17.90	64.0	17.94	65.7	18.08	
90	10	51.0	4.63	60.9	5.57	70.8	6.56	75.6	7.07	80.4	7.61	90.3	8.52	100.2	9.47
	12	51.0	4.68	60.9	5.65	70.8	6.67	75.6	7.21	80.4	7.78	90.3	8.68	100.2	9.64
	14	51.0	4.77	60.9	5.77	70.8	6.81	75.6	7.36	80.4	7.93	90.3	8.85	100.2	9.84
	16	51.0	4.85	60.9	5.87	70.8	6.96	75.6	7.50	80.4	8.06	90.3	9.02	100.2	10.00
	18	51.0	4.94	60.9	5.99	70.8	7.07	75.6	7.66	80.4	8.23	90.3	9.22	100.2	10.51
	20	51.0	5.02	60.9	6.11	70.8	7.21	75.6	7.81	80.4	8.55	90.3	9.87	100.2	11.01
	21	51.0	5.08	60.9	6.16	70.8	7.36	75.6	8.06	80.4	8.86	90.3	10.02	100.2	11.26
	23	51.0	5.20	60.9	6.42	70.8	7.86	75.6	8.66	80.4	9.49	90.3	10.64	98.8	11.79
	25	51.0	5.45	60.9	6.84	70.8	8.40	75.6	9.25	80.4	10.14	90.3	11.37	97.4	12.30
	27	51.0	5.82	60.9	7.30	70.8	8.97	75.6	9.89	80.4	10.84	90.3	12.09	96.0	12.87
	29	51.0	6.16	60.9	7.78	70.8	9.60	75.6	10.56	80.4	11.58	90.3	12.80	94.5	13.39
	31	51.0	6.56	60.9	8.30	70.8	10.22	75.6	11.24	80.4	12.35	90.3	13.45	93.1	13.91
	33	51.0	6.99	60.9	8.83	70.8	10.91	75.6	11.98	80.4	13.10	90.3	14.09	91.7	14.42
	35	51.0	7.41	60.9	9.37	70.8	11.58	75.6	12.78	80.4	13.89	88.7	14.91	90.3	15.24
	37	51.0	7.86	60.9	9.97	70.8	12.35	75.6	13.57	80.4	14.67	87.3	15.58	88.8	15.93
	39	51.0	8.33	60.9	10.60	70.8	13.07	75.6	14.44	80.4	15.42	85.9	16.43	87.4	16.63
	41	49.7	9.32	59.3	11.75	69.0	14.35	73.7	15.79	78.3	16.65	82.3	17.31	83.8	17.70
	43	48.5	10.06	57.8	12.70	67.3	15.68	71.8	17.01	76.4	17.85	78.9	18.54	80.3	18.76
46	45.5	11.32	54.2	14.46	63.0	17.85	67.3	19.29	69.5	19.83	72.0	20.35	73.4	20.38	
48	40.2	9.89	48.0	12.65	55.8	15.63	59.5	16.83	60.3	17.10	62.6	17.52	63.8	17.53	
80	10	45.3	3.94	54.0	4.73	62.7	5.54	67.2	5.98	71.7	6.42	80.4	7.32	89.1	7.95
	12	45.3	4.02	54.0	4.78	62.7	5.66	67.2	6.09	71.7	6.53	80.4	7.46	89.1	8.11
	14	45.3	4.07	54.0	4.89	62.7	5.73	67.2	6.20	71.7	6.64	80.4	7.59	89.1	8.26
	16	45.3	4.12	54.0	4.97	62.7	5.85	67.2	6.31	71.7	6.78	80.4	7.76	89.1	8.42
	18	45.3	4.21	54.0	5.05	62.7	5.95	67.2	6.42	71.7	6.91	80.4	7.89	89.1	8.60
	20	45.3	4.29	54.0	5.17	62.7	6.09	67.2	6.56	71.7	7.05	80.4	8.20	89.1	9.11
	21	45.3	4.31	54.0	5.22	62.7	6.15	67.2	6.64	71.7	7.22	80.4	8.45	89.1	9.36
	23	45.3	4.40	54.0	5.30	62.7	6.42	67.2	7.05	71.7	7.71	80.4	8.92	89.1	9.82
	25	45.3	4.56	54.0	5.66	62.7	6.88	67.2	7.54	71.7	8.25	80.4	9.55	89.1	10.50
	27	45.3	4.83	54.0	6.01	62.7	7.35	67.2	8.06	71.7	8.80	80.4	10.16	89.1	11.05
	29	45.3	5.14	54.0	6.42	62.7	7.81	67.2	8.58	71.7	9.40	80.4	10.88	89.1	11.83
	31	45.3	5.46	54.0	6.81	62.7	8.33	67.2	9.16	71.7	10.00	80.4	11.54	89.1	12.42
	33	45.3	5.80	54.0	7.27	62.7	8.88	67.2	9.75	71.7	10.65	80.4	12.17	89.1	13.02
	35	45.3	6.15	54.0	7.71	62.7	9.45	67.2	10.38	71.7	11.36	80.4	12.90	88.2	13.49
	37	45.3	6.51	54.0	8.19	62.7	10.02	67.2	11.04	71.7	12.07	80.4	13.61	86.7	14.11
	39	45.3	6.88	54.0	8.66	62.7	10.73	67.2	11.87	71.7	12.98	80.4	14.38	85.3	14.89
	41	44.2	7.60	52.6	9.60	61.1	11.77	65.5	13.01	69.8	14.26	78.3	16.00	81.7	16.49
	43	43.0	8.37	51.3	10.48	59.6	12.85	63.8	14.18	68.2	15.58	76.4	17.12	78.3	17.66
46	40.3	9.31	48.1	11.80	55.8	14.48	59.8	15.77	63.8	17.58	69.8	18.69	71.5	18.99	
48	35.7	8.13	42.5	10.31	49.4	12.66	53.0	13.78	56.5	15.39	60.7	16.18	62.2	16.34	

7. Capacity Tables

Cooling Capacity (30HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	39.6	3.50	47.4	4.17	54.9	4.83	58.8	5.22	62.7	5.58	70.2	6.35	78.0	7.10
	12	39.6	3.56	47.4	4.22	54.9	4.94	58.8	5.30	62.7	5.69	70.2	6.46	78.0	7.24
	14	39.6	3.62	47.4	4.28	54.9	5.02	58.8	5.38	62.7	5.77	70.2	6.59	78.0	7.36
	16	39.6	3.67	47.4	4.36	54.9	5.11	58.8	5.50	62.7	5.88	70.2	6.71	78.0	7.53
	18	39.6	3.72	47.4	4.44	54.9	5.22	58.8	5.60	62.7	5.99	70.2	6.81	78.0	7.66
	20	39.6	3.78	47.4	4.52	54.9	5.30	58.8	5.72	62.7	6.13	70.2	6.98	78.0	7.95
	21	39.6	3.84	47.4	4.56	54.9	5.36	58.8	5.77	62.7	6.18	70.2	7.09	78.0	8.11
	23	39.6	3.89	47.4	4.66	54.9	5.46	58.8	5.96	62.7	6.49	70.2	7.59	78.0	8.57
	25	39.6	3.94	47.4	4.83	54.9	5.82	58.8	6.37	62.7	6.93	70.2	8.11	78.0	8.98
	27	39.6	4.17	47.4	5.16	54.9	6.21	58.8	6.76	62.7	7.39	70.2	8.67	78.0	9.55
	29	39.6	4.44	47.4	5.46	54.9	6.59	58.8	7.20	62.7	7.87	70.2	9.25	78.0	10.23
	31	39.6	4.71	47.4	5.82	54.9	7.04	58.8	7.70	62.7	8.39	70.2	9.85	78.0	10.86
	33	39.6	5.00	47.4	6.16	54.9	7.48	58.8	8.17	62.7	8.91	70.2	10.48	78.0	11.56
	35	39.6	5.27	47.4	6.57	54.9	7.95	58.8	8.69	62.7	9.49	70.2	11.18	78.0	12.26
	37	39.6	5.60	47.4	6.96	54.9	8.45	58.8	9.25	62.7	10.10	70.2	11.90	78.0	12.94
	39	39.6	5.94	47.4	7.42	54.9	9.03	58.8	9.95	62.7	10.91	70.2	12.73	78.0	13.95
	41	38.6	6.57	46.2	8.13	53.5	9.90	57.3	10.91	61.1	11.86	68.4	13.98	76.0	15.04
	43	37.7	7.16	45.0	8.86	52.2	10.81	55.9	11.90	59.6	12.96	66.7	15.28	74.1	16.27
46	35.3	7.96	42.2	9.96	48.9	12.17	52.3	13.25	55.8	14.60	62.5	17.23	69.5	18.13	
48	31.2	6.95	37.3	8.70	43.3	10.64	46.3	11.58	49.4	12.77	55.3	15.08	61.5	15.69	
60	10	33.9	3.07	40.5	3.60	47.1	4.19	50.4	4.49	53.7	4.76	60.3	5.41	66.9	6.05
	12	33.9	3.12	40.5	3.65	47.1	4.24	50.4	4.55	53.7	4.85	60.3	5.49	66.9	6.16
	14	33.9	3.15	40.5	3.71	47.1	4.32	50.4	4.62	53.7	4.93	60.3	5.60	66.9	6.27
	16	33.9	3.21	40.5	3.79	47.1	4.38	50.4	4.71	53.7	5.05	60.3	5.71	66.9	6.38
	18	33.9	3.26	40.5	3.85	47.1	4.46	50.4	4.79	53.7	5.12	60.3	5.80	66.9	6.52
	20	33.9	3.31	40.5	3.90	47.1	4.55	50.4	4.88	53.7	5.21	60.3	5.91	66.9	6.66
	21	33.9	3.35	40.5	3.93	47.1	4.60	50.4	4.93	53.7	5.27	60.3	6.00	66.9	6.72
	23	33.9	3.40	40.5	4.02	47.1	4.66	50.4	5.02	53.7	5.38	60.3	6.22	66.9	7.14
	25	33.9	3.45	40.5	4.10	47.1	4.85	50.4	5.27	53.7	5.71	60.3	6.64	66.9	7.64
	27	33.9	3.57	40.5	4.32	47.1	5.16	50.4	5.60	53.7	6.07	60.3	7.05	66.9	8.14
	29	33.9	3.79	40.5	4.60	47.1	5.49	50.4	5.97	53.7	6.47	60.3	7.53	66.9	8.69
	31	33.9	4.02	40.5	4.88	47.1	5.83	50.4	6.36	53.7	6.88	60.3	8.03	66.9	9.26
	33	33.9	4.24	40.5	5.16	47.1	6.19	50.4	6.74	53.7	7.33	60.3	8.53	66.9	9.87
	35	33.9	4.49	40.5	5.49	47.1	6.58	50.4	7.16	53.7	7.78	60.3	9.09	66.9	10.48
	37	33.9	4.74	40.5	5.79	47.1	6.97	50.4	7.61	53.7	8.26	60.3	9.64	66.9	11.15
	39	33.9	5.04	40.5	6.17	47.1	7.52	50.4	8.17	53.7	8.88	60.3	10.34	66.9	11.95
	41	33.0	5.47	39.5	6.76	45.9	8.17	49.1	8.92	52.3	9.64	58.8	11.35	65.2	12.98
	43	32.2	5.94	38.5	7.35	44.8	8.90	47.9	9.72	51.0	10.52	57.3	12.39	63.5	14.19
46	30.2	6.65	36.0	8.26	42.0	10.02	44.9	10.93	47.8	11.83	53.7	13.96	59.5	16.16	
48	26.7	5.79	31.9	7.21	37.1	8.75	39.7	9.54	42.3	10.33	47.5	12.21	52.7	14.14	
50	10	28.3	2.68	33.9	3.10	39.3	3.52	42.0	3.78	44.7	4.00	50.1	4.51	55.8	5.01
	12	28.3	2.70	33.9	3.12	39.3	3.57	42.0	3.83	44.7	4.08	50.1	4.59	55.8	5.10
	14	28.3	2.73	33.9	3.18	39.3	3.64	42.0	3.88	44.7	4.14	50.1	4.65	55.8	5.18
	16	28.3	2.79	33.9	3.24	39.3	3.69	42.0	3.97	44.7	4.20	50.1	4.73	55.8	5.26
	18	28.3	2.82	33.9	3.27	39.3	3.74	42.0	4.02	44.7	4.28	50.1	4.81	55.8	5.38
	20	28.3	2.84	33.9	3.32	39.3	3.83	42.0	4.08	44.7	4.37	50.1	4.90	55.8	5.49
	21	28.3	2.87	33.9	3.35	39.3	3.86	42.0	4.14	44.7	4.39	50.1	4.96	55.8	5.55
	23	28.3	2.93	33.9	3.41	39.3	3.92	42.0	4.20	44.7	4.48	50.1	5.04	55.8	5.66
	25	28.3	2.96	33.9	3.46	39.3	4.00	42.0	4.28	44.7	4.62	50.1	5.29	55.8	6.06
	27	28.3	3.01	33.9	3.57	39.3	4.23	42.0	4.56	44.7	4.90	50.1	5.66	55.8	6.44
	29	28.3	3.18	33.9	3.80	39.3	4.48	42.0	4.84	44.7	5.21	50.1	5.99	55.8	6.84
	31	28.3	3.35	33.9	4.02	39.3	4.76	42.0	5.12	44.7	5.55	50.1	6.39	55.8	7.29
	33	28.3	3.55	33.9	4.25	39.3	5.04	42.0	5.43	44.7	5.89	50.1	6.79	55.8	7.77
	35	28.3	3.74	33.9	4.51	39.3	5.33	42.0	5.77	44.7	6.22	50.1	7.18	55.8	8.25
	37	28.3	3.97	33.9	4.76	39.3	5.63	42.0	6.11	44.7	6.58	50.1	7.66	55.8	8.76
	39	28.3	4.23	33.9	5.10	39.3	6.03	42.0	6.58	44.7	7.07	50.1	8.15	55.8	9.46
	41	27.6	4.58	33.0	5.52	38.3	6.60	41.0	7.12	43.5	7.66	48.8	8.94	54.3	10.27
	43	27.0	4.98	32.2	6.01	37.3	7.18	39.9	7.75	42.5	8.34	47.6	9.75	53.0	11.20
46	25.2	5.57	30.2	6.74	35.0	8.05	37.4	8.71	39.8	9.37	44.6	10.97	49.7	12.61	
48	22.3	4.86	26.7	5.87	31.0	7.02	33.1	7.61	35.2	8.17	39.5	9.59	44.0	11.02	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM320BTE5

Cooling Capacity (32HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI			
130	10	81.9	7.85	97.6	9.59	104.6	11.13	107.5	11.36	110.6	11.44	115.9	11.53	118.9	11.58
	12	81.9	8.04	97.6	9.93	104.6	11.58	107.5	11.66	110.6	11.76	115.9	11.84	118.9	11.95
	14	81.9	8.31	97.6	10.30	104.6	12.02	107.5	12.11	110.6	12.21	115.9	12.30	118.9	12.41
	16	81.9	8.62	97.6	10.65	104.6	12.56	107.5	12.68	110.6	12.77	115.9	12.89	118.9	13.00
	18	81.9	8.98	97.6	11.26	104.6	13.14	107.5	13.42	110.6	13.53	115.9	13.66	118.9	13.75
	20	81.9	9.38	97.6	12.00	104.6	13.79	107.5	14.75	110.6	14.88	114.2	15.03	117.3	15.12
	21	81.9	9.62	97.6	12.42	104.6	14.07	107.5	15.62	110.6	15.75	113.6	15.90	116.6	16.01
	23	81.9	10.33	97.6	13.08	104.6	14.80	107.5	17.23	109.1	17.37	111.9	17.55	114.9	17.66
	25	81.9	11.02	97.6	13.82	104.6	15.82	106.3	19.11	107.5	19.27	110.6	19.46	113.6	19.59
	27	81.9	11.79	97.6	14.78	103.2	16.86	104.6	21.04	106.3	21.21	109.1	21.43	111.9	21.57
	29	81.9	12.57	97.6	15.80	101.6	18.13	103.0	23.13	104.6	23.26	107.5	23.47	110.6	23.57
	31	81.9	13.41	97.3	16.65	99.9	19.29	101.6	23.02	103.0	23.17	105.9	23.37	108.9	23.47
	33	81.9	14.29	95.5	17.63	98.6	20.69	100.2	22.81	101.6	22.96	104.6	23.16	107.2	23.25
	35	81.9	15.23	93.9	18.47	96.9	22.41	98.6	22.52	100.2	22.65	102.9	22.86	105.9	22.95
	37	81.9	16.25	92.6	19.38	95.5	22.12	96.9	22.22	98.6	22.36	101.3	22.55	104.3	22.65
	39	81.9	17.30	90.9	20.40	93.9	21.81	95.5	21.93	96.9	22.06	99.9	22.25	102.9	22.34
	41	79.8	18.35	87.2	21.41	90.1	21.52	91.4	21.62	93.3	21.76	96.0	21.96	98.6	22.04
	43	77.9	19.35	83.5	21.12	86.4	21.22	87.7	21.33	89.5	21.46	92.2	21.65	94.7	21.73
46	73.0	20.72	76.2	20.67	78.9	20.78	80.2	20.88	81.9	21.01	84.5	21.20	86.7	21.28	
48	64.5	20.14	66.2	20.20	68.6	20.24	69.7	20.30	71.2	20.48	73.5	20.61	75.5	20.69	
120	10	75.8	7.06	90.1	8.66	98.4	10.28	101.4	11.12	104.5	11.29	110.1	11.34	112.8	11.42
	12	75.8	7.25	90.1	8.95	98.4	10.70	101.4	11.36	104.5	11.71	110.1	11.85	112.8	11.95
	14	75.8	7.50	90.1	9.25	98.4	11.13	101.4	11.78	104.5	12.14	110.1	12.32	112.8	12.42
	16	75.8	7.77	90.1	9.63	98.4	11.57	101.4	12.22	104.5	12.71	110.1	12.86	112.8	12.96
	18	75.8	8.08	90.1	10.07	98.4	12.03	101.4	12.87	104.5	13.35	110.1	13.51	112.8	13.61
	20	75.8	8.38	90.1	10.67	98.4	12.68	101.4	13.54	104.5	14.06	110.1	14.25	112.8	14.36
	21	75.8	8.64	90.1	11.05	98.4	13.03	101.4	13.93	104.5	14.53	110.1	14.71	112.8	14.83
	23	75.8	9.23	90.1	11.83	98.4	13.96	101.4	14.81	104.5	15.48	110.1	15.64	112.8	15.77
	25	75.8	9.86	90.1	12.68	98.4	14.72	101.4	15.78	104.5	16.60	108.8	16.75	111.5	16.88
	27	75.8	10.53	90.1	13.55	98.4	15.67	101.4	16.87	104.5	17.84	107.2	17.97	109.8	18.11
	29	75.8	11.23	90.1	14.46	98.4	16.49	101.4	18.05	102.7	19.02	105.4	19.20	108.5	19.46
	31	75.8	11.97	90.1	15.44	98.4	17.34	100.1	19.34	101.4	20.40	104.1	20.77	106.7	20.93
	33	75.8	12.74	90.1	16.46	97.1	18.34	98.4	20.99	99.8	21.90	102.4	22.15	105.1	22.33
	35	75.8	13.55	90.1	17.55	95.5	19.42	96.8	23.13	98.4	23.24	101.1	23.31	103.8	23.50
	37	75.8	14.57	90.1	18.52	94.1	20.70	95.5	22.64	96.8	22.75	99.5	22.82	102.1	23.00
	39	75.8	15.69	89.8	19.58	92.5	21.96	93.8	22.17	95.1	22.28	98.1	22.35	100.8	22.52
	41	73.8	16.81	85.9	20.63	88.8	21.52	89.9	21.70	91.3	21.82	93.9	21.88	96.6	22.06
	43	72.0	17.94	82.2	20.33	85.1	21.04	86.4	21.25	87.7	21.35	90.2	21.41	92.8	21.59
46	67.5	19.29	75.0	19.85	77.7	20.38	78.9	20.54	80.0	20.65	82.4	20.71	84.9	20.88	
48	59.7	18.90	65.1	19.50	67.5	19.98	68.6	20.11	69.6	20.17	71.8	20.25	73.9	20.33	
110	10	69.3	6.35	82.7	7.74	92.3	9.20	95.0	9.96	101.0	10.71	103.3	11.01	110.3	11.19
	12	69.3	6.55	82.7	8.00	92.3	9.57	95.0	10.23	101.0	11.11	103.3	11.47	110.3	11.73
	14	69.3	6.76	82.7	8.36	92.3	10.01	95.0	10.74	101.0	11.68	103.3	12.00	110.3	12.26
	16	69.3	7.00	82.7	8.67	92.3	10.42	95.0	11.21	101.0	12.21	103.3	12.55	110.3	12.76
	18	69.3	7.25	82.7	9.03	92.3	11.02	95.0	11.81	101.0	12.88	103.3	13.14	110.3	13.38
	20	69.3	7.51	82.7	9.48	92.3	11.69	95.0	12.34	101.0	13.51	103.3	13.84	110.3	14.06
	21	69.3	7.68	82.7	9.76	92.3	11.99	95.0	12.68	101.0	13.88	103.3	14.24	110.3	14.45
	23	69.3	8.17	82.7	10.46	92.3	12.66	95.0	13.38	101.0	14.67	103.3	14.98	110.3	15.23
	25	69.3	8.74	82.7	11.16	92.3	13.37	95.0	14.15	101.0	15.49	103.3	15.72	109.0	16.04
	27	69.3	9.33	82.7	11.94	92.3	14.13	95.0	14.98	101.0	16.18	103.3	16.55	107.4	16.83
	29	69.3	9.97	82.7	12.74	92.3	14.93	95.0	15.86	101.0	17.10	103.3	17.39	105.9	17.66
	31	69.3	10.60	82.7	13.58	92.3	15.78	95.0	16.80	99.3	17.97	101.9	18.32	104.3	18.51
	33	69.3	11.31	82.7	14.46	92.3	16.67	95.0	17.81	97.9	18.98	100.3	19.29	103.0	19.40
	35	69.3	12.00	82.7	15.44	92.3	17.61	95.0	18.87	96.3	20.03	98.7	20.21	101.3	20.32
	37	69.3	12.72	82.7	16.39	92.3	18.59	93.6	19.98	94.7	21.12	97.3	21.20	99.7	21.25
	39	69.3	13.72	82.7	17.42	90.7	19.61	92.0	21.38	93.3	22.17	95.7	22.20	98.4	22.23
	41	67.5	14.72	80.5	18.45	86.7	20.69	88.1	23.13	89.3	23.13	91.9	23.31	94.2	23.50
	43	65.9	15.45	78.6	19.22	83.2	21.94	84.5	22.18	85.6	22.14	88.2	22.26	90.4	22.33
46	61.8	15.08	73.6	18.55	75.8	20.82	77.1	20.82	78.2	20.99	80.6	21.11	82.7	21.17	
48	54.6	14.64	64.0	17.87	65.9	19.80	67.1	19.93	68.0	20.03	70.1	20.09	72.0	20.17	

7. Capacity Tables

Cooling Capacity (32HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	60.5	5.71	72.0	6.95	83.8	8.25	89.6	8.91	95.4	9.57	105.7	10.65	108.0	10.74
	12	60.5	5.90	72.0	7.24	83.8	8.53	89.6	9.15	95.4	9.88	105.7	11.23	108.0	11.34
	14	60.5	6.08	72.0	7.53	83.8	8.88	89.6	9.54	95.4	10.31	105.7	11.86	108.0	11.97
	16	60.5	6.27	72.0	7.77	83.8	9.27	89.6	10.00	95.4	10.86	105.7	12.43	108.0	12.61
	18	60.5	6.45	72.0	8.06	83.8	9.62	89.6	10.49	95.4	11.52	105.7	13.13	108.0	13.24
	20	60.5	6.69	72.0	8.37	83.8	10.18	89.6	11.23	95.4	12.32	105.7	13.76	108.0	13.87
	21	60.5	6.82	72.0	8.56	83.8	10.53	89.6	11.62	95.4	12.77	105.7	14.08	108.0	14.19
	23	60.5	7.24	72.0	9.17	83.8	11.31	89.6	12.47	95.4	13.69	105.7	14.74	108.0	14.86
	25	60.5	7.69	72.0	9.76	83.8	12.08	89.6	13.34	95.4	14.64	105.7	15.37	107.2	15.49
	27	60.5	8.22	72.0	10.42	83.8	12.92	89.6	14.25	95.4	15.56	103.7	16.09	105.9	16.22
	29	60.5	8.74	72.0	11.13	83.8	13.80	89.6	15.23	95.4	16.47	101.8	16.74	104.3	16.87
	31	60.5	9.33	72.0	11.87	83.8	14.71	89.6	16.25	95.4	17.31	100.2	17.39	102.7	17.53
	33	60.5	9.90	72.0	12.64	83.8	15.69	89.6	17.34	95.4	17.96	98.6	18.03	101.1	18.18
	35	60.5	10.53	72.0	13.45	83.8	16.71	89.6	18.50	93.9	18.61	96.8	18.68	99.2	18.84
	37	60.5	11.28	72.0	14.42	83.8	17.70	89.6	19.38	92.3	19.48	95.0	19.56	97.3	19.74
	39	60.5	12.10	72.0	15.49	83.8	18.76	89.6	20.33	90.9	20.42	93.5	20.49	95.7	20.69
	41	59.5	12.90	70.9	16.56	82.5	19.82	85.9	21.28	87.8	21.36	89.9	21.43	92.8	21.64
	43	57.5	13.66	68.5	17.55	79.7	20.76	82.4	22.09	83.4	22.17	85.9	22.24	88.2	22.44
46	53.9	14.69	64.1	18.93	74.7	22.02	75.2	23.13	76.0	23.20	78.5	23.26	80.6	23.48	
48	47.7	12.69	56.8	16.38	64.5	18.82	65.4	19.62	66.1	19.69	68.3	19.73	70.1	19.88	
90	10	54.4	5.00	65.0	6.01	75.5	7.08	80.6	7.63	85.8	8.22	96.3	9.20	106.9	10.23
	12	54.4	5.05	65.0	6.10	75.5	7.20	80.6	7.79	85.8	8.40	96.3	9.38	106.9	10.41
	14	54.4	5.15	65.0	6.23	75.5	7.36	80.6	7.94	85.8	8.56	96.3	9.56	106.9	10.63
	16	54.4	5.24	65.0	6.34	75.5	7.51	80.6	8.10	85.8	8.70	96.3	9.74	106.9	10.80
	18	54.4	5.34	65.0	6.47	75.5	7.63	80.6	8.28	85.8	8.89	96.3	9.96	106.9	11.35
	20	54.4	5.43	65.0	6.60	75.5	7.79	80.6	8.43	85.8	9.23	96.3	10.66	106.9	11.89
	21	54.4	5.48	65.0	6.66	75.5	7.94	80.6	8.70	85.8	9.56	96.3	10.83	106.9	12.16
	23	54.4	5.61	65.0	6.93	75.5	8.49	80.6	9.35	85.8	10.25	96.3	11.49	105.4	12.73
	25	54.4	5.88	65.0	7.39	75.5	9.08	80.6	9.99	85.8	10.95	96.3	12.28	103.9	13.28
	27	54.4	6.28	65.0	7.89	75.5	9.69	80.6	10.68	85.8	11.71	96.3	13.05	102.4	13.90
	29	54.4	6.66	65.0	8.40	75.5	10.36	80.6	11.41	85.8	12.51	96.3	13.83	100.8	14.46
	31	54.4	7.08	65.0	8.96	75.5	11.04	80.6	12.14	85.8	13.34	96.3	14.52	99.3	15.03
	33	54.4	7.54	65.0	9.53	75.5	11.78	80.6	12.94	85.8	14.15	96.3	15.22	97.8	15.58
	35	54.4	8.00	65.0	10.12	75.5	12.51	80.6	13.80	85.8	15.00	94.7	16.10	96.3	16.46
	37	54.4	8.49	65.0	10.76	75.5	13.34	80.6	14.66	85.8	15.84	93.1	16.83	94.7	17.20
	39	54.4	8.99	65.0	11.44	75.5	14.12	80.6	15.60	85.8	16.65	91.7	17.74	93.3	17.95
	41	53.0	10.06	63.3	12.69	73.6	15.49	78.6	17.05	83.5	17.98	87.8	18.69	89.3	19.12
	43	51.7	10.87	61.7	13.72	71.8	16.93	76.6	18.37	81.5	19.28	84.2	20.02	85.7	20.26
46	48.5	12.22	57.9	15.62	67.2	19.28	71.8	20.83	74.1	21.42	76.8	21.98	78.3	22.01	
48	42.9	10.69	51.2	13.66	59.5	16.88	63.5	18.17	64.3	18.46	66.7	18.92	68.0	18.93	
80	10	48.3	4.27	57.6	5.13	66.9	6.01	71.7	6.49	76.5	6.96	85.8	7.94	95.0	8.63
	12	48.3	4.36	57.6	5.18	66.9	6.13	71.7	6.61	76.5	7.09	85.8	8.09	95.0	8.79
	14	48.3	4.41	57.6	5.31	66.9	6.22	71.7	6.72	76.5	7.20	85.8	8.24	95.0	8.96
	16	48.3	4.47	57.6	5.39	66.9	6.34	71.7	6.85	76.5	7.35	85.8	8.42	95.0	9.14
	18	48.3	4.57	57.6	5.48	66.9	6.46	71.7	6.96	76.5	7.49	85.8	8.56	95.0	9.33
	20	48.3	4.65	57.6	5.60	66.9	6.61	71.7	7.11	76.5	7.65	85.8	8.89	95.0	9.89
	21	48.3	4.68	57.6	5.66	66.9	6.67	71.7	7.20	76.5	7.83	85.8	9.17	95.0	10.15
	23	48.3	4.77	57.6	5.74	66.9	6.96	71.7	7.65	76.5	8.36	85.8	9.68	95.0	10.65
	25	48.3	4.95	57.6	6.13	66.9	7.47	71.7	8.18	76.5	8.95	85.8	10.36	95.0	11.39
	27	48.3	5.24	57.6	6.51	66.9	7.97	71.7	8.74	76.5	9.54	85.8	11.02	95.0	11.98
	29	48.3	5.57	57.6	6.96	66.9	8.47	71.7	9.30	76.5	10.20	85.8	11.80	95.0	12.83
	31	48.3	5.93	57.6	7.38	66.9	9.04	71.7	9.93	76.5	10.84	85.8	12.52	95.0	13.47
	33	48.3	6.29	57.6	7.88	66.9	9.63	71.7	10.58	76.5	11.56	85.8	13.19	95.0	14.13
	35	48.3	6.67	57.6	8.36	66.9	10.25	71.7	11.26	76.5	12.33	85.8	13.99	94.1	14.63
	37	48.3	7.06	57.6	8.88	66.9	10.87	71.7	11.97	76.5	13.10	85.8	14.76	92.5	15.30
	39	48.3	7.46	57.6	9.40	66.9	11.63	71.7	12.87	76.5	14.08	85.8	15.59	91.0	16.14
	41	47.1	8.24	56.1	10.41	65.1	12.77	69.9	14.11	74.5	15.46	83.5	17.35	87.2	17.88
	43	45.9	9.08	54.7	11.36	63.5	13.94	68.1	15.38	72.7	16.90	81.5	18.57	83.5	19.15
46	43.0	10.10	51.3	12.80	59.5	15.70	63.8	17.11	68.1	19.07	74.5	20.27	76.3	20.59	
48	38.1	8.82	45.4	11.19	52.7	13.73	56.5	14.95	60.3	16.69	64.8	17.55	66.3	17.72	

7. Capacity Tables

Cooling Capacity (32HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	42.2	3.82	50.6	4.54	58.6	5.26	62.7	5.68	66.9	6.07	74.9	6.91	83.2	7.73
	12	42.2	3.87	50.6	4.60	58.6	5.38	62.7	5.78	66.9	6.20	74.9	7.04	83.2	7.88
	14	42.2	3.94	50.6	4.66	58.6	5.47	62.7	5.86	66.9	6.28	74.9	7.18	83.2	8.02
	16	42.2	4.00	50.6	4.75	58.6	5.57	62.7	5.99	66.9	6.41	74.9	7.31	83.2	8.20
	18	42.2	4.05	50.6	4.84	58.6	5.68	62.7	6.10	66.9	6.52	74.9	7.42	83.2	8.34
	20	42.2	4.12	50.6	4.92	58.6	5.78	62.7	6.23	66.9	6.68	74.9	7.60	83.2	8.65
	21	42.2	4.18	50.6	4.96	58.6	5.83	62.7	6.28	66.9	6.73	74.9	7.73	83.2	8.84
	23	42.2	4.24	50.6	5.08	58.6	5.95	62.7	6.49	66.9	7.07	74.9	8.26	83.2	9.33
	25	42.2	4.29	50.6	5.26	58.6	6.34	62.7	6.94	66.9	7.55	74.9	8.84	83.2	9.79
	27	42.2	4.54	50.6	5.62	58.6	6.76	62.7	7.36	66.9	8.05	74.9	9.44	83.2	10.41
	29	42.2	4.84	50.6	5.95	58.6	7.18	62.7	7.84	66.9	8.57	74.9	10.07	83.2	11.15
	31	42.2	5.14	50.6	6.34	58.6	7.67	62.7	8.39	66.9	9.14	74.9	10.73	83.2	11.83
	33	42.2	5.44	50.6	6.70	58.6	8.15	62.7	8.89	66.9	9.71	74.9	11.42	83.2	12.59
	35	42.2	5.74	50.6	7.16	58.6	8.65	62.7	9.47	66.9	10.34	74.9	12.17	83.2	13.35
	37	42.2	6.10	50.6	7.58	58.6	9.20	62.7	10.07	66.9	11.00	74.9	12.96	83.2	14.09
	39	42.2	6.48	50.6	8.08	58.6	9.83	62.7	10.83	66.9	11.88	74.9	13.86	83.2	15.19
	41	41.1	7.16	49.3	8.86	57.1	10.79	61.1	11.88	65.1	12.92	73.0	15.23	81.1	16.38
	43	40.2	7.80	48.0	9.65	55.7	11.77	59.7	12.96	63.5	14.11	71.2	16.64	79.0	17.72
46	37.6	8.67	45.0	10.85	52.2	13.25	55.8	14.43	59.5	15.91	66.7	18.77	74.1	19.74	
48	33.3	7.57	39.8	9.47	46.1	11.59	49.4	12.62	52.7	13.91	59.0	16.43	65.6	17.09	
60	10	36.2	3.36	43.2	3.93	50.2	4.58	53.8	4.91	57.3	5.21	64.3	5.91	71.4	6.61
	12	36.2	3.41	43.2	3.99	50.2	4.63	53.8	4.97	57.3	5.31	64.3	6.01	71.4	6.74
	14	36.2	3.44	43.2	4.06	50.2	4.72	53.8	5.06	57.3	5.39	64.3	6.12	71.4	6.85
	16	36.2	3.51	43.2	4.14	50.2	4.79	53.8	5.15	57.3	5.52	64.3	6.25	71.4	6.98
	18	36.2	3.57	43.2	4.21	50.2	4.87	53.8	5.24	57.3	5.61	64.3	6.35	71.4	7.13
	20	36.2	3.62	43.2	4.27	50.2	4.97	53.8	5.34	57.3	5.70	64.3	6.46	71.4	7.29
	21	36.2	3.66	43.2	4.30	50.2	5.03	53.8	5.39	57.3	5.76	64.3	6.56	71.4	7.35
	23	36.2	3.72	43.2	4.39	50.2	5.10	53.8	5.49	57.3	5.88	64.3	6.80	71.4	7.81
	25	36.2	3.78	43.2	4.48	50.2	5.31	53.8	5.76	57.3	6.25	64.3	7.26	71.4	8.36
	27	36.2	3.90	43.2	4.72	50.2	5.64	53.8	6.12	57.3	6.64	64.3	7.71	71.4	8.90
	29	36.2	4.14	43.2	5.03	50.2	6.01	53.8	6.53	57.3	7.08	64.3	8.23	71.4	9.51
	31	36.2	4.39	43.2	5.34	50.2	6.37	53.8	6.95	57.3	7.53	64.3	8.78	71.4	10.12
	33	36.2	4.63	43.2	5.64	50.2	6.77	53.8	7.37	57.3	8.02	64.3	9.33	71.4	10.80
	35	36.2	4.91	43.2	6.01	50.2	7.19	53.8	7.84	57.3	8.51	64.3	9.94	71.4	11.46
	37	36.2	5.18	43.2	6.33	50.2	7.62	53.8	8.33	57.3	9.03	64.3	10.55	71.4	12.19
	39	36.2	5.51	43.2	6.75	50.2	8.23	53.8	8.93	57.3	9.71	64.3	11.31	71.4	13.07
	41	35.2	5.98	42.1	7.39	49.0	8.93	52.3	9.76	55.8	10.54	62.7	12.42	69.6	14.20
	43	34.4	6.50	41.1	8.04	47.7	9.74	51.1	10.63	54.4	11.50	61.1	13.55	67.8	15.51
46	32.2	7.27	38.4	9.03	44.8	10.96	47.9	11.95	51.0	12.94	57.3	15.26	63.5	17.67	
48	28.5	6.33	34.1	7.88	39.5	9.57	42.4	10.44	45.1	11.30	50.7	13.35	56.2	15.46	
50	10	30.2	2.94	36.2	3.40	41.9	3.87	44.8	4.15	47.7	4.39	53.4	4.95	59.5	5.50
	12	30.2	2.97	36.2	3.43	41.9	3.92	44.8	4.20	47.7	4.48	53.4	5.04	59.5	5.60
	14	30.2	3.00	36.2	3.49	41.9	3.99	44.8	4.26	47.7	4.54	53.4	5.10	59.5	5.69
	16	30.2	3.06	36.2	3.56	41.9	4.05	44.8	4.36	47.7	4.61	53.4	5.19	59.5	5.78
	18	30.2	3.09	36.2	3.59	41.9	4.11	44.8	4.42	47.7	4.70	53.4	5.29	59.5	5.91
	20	30.2	3.12	36.2	3.64	41.9	4.20	44.8	4.48	47.7	4.79	53.4	5.38	59.5	6.03
	21	30.2	3.15	36.2	3.68	41.9	4.23	44.8	4.54	47.7	4.82	53.4	5.44	59.5	6.09
	23	30.2	3.22	36.2	3.74	41.9	4.30	44.8	4.61	47.7	4.92	53.4	5.54	59.5	6.21
	25	30.2	3.25	36.2	3.80	41.9	4.39	44.8	4.70	47.7	5.07	53.4	5.81	59.5	6.65
	27	30.2	3.31	36.2	3.92	41.9	4.64	44.8	5.01	47.7	5.38	53.4	6.21	59.5	7.07
	29	30.2	3.49	36.2	4.18	41.9	4.92	44.8	5.32	47.7	5.72	53.4	6.58	59.5	7.51
	31	30.2	3.68	36.2	4.42	41.9	5.23	44.8	5.62	47.7	6.09	53.4	7.02	59.5	8.00
	33	30.2	3.89	36.2	4.67	41.9	5.54	44.8	5.96	47.7	6.47	53.4	7.45	59.5	8.53
	35	30.2	4.11	36.2	4.95	41.9	5.85	44.8	6.34	47.7	6.83	53.4	7.89	59.5	9.06
	37	30.2	4.36	36.2	5.23	41.9	6.19	44.8	6.71	47.7	7.23	53.4	8.41	59.5	9.62
	39	30.2	4.65	36.2	5.60	41.9	6.63	44.8	7.22	47.7	7.76	53.4	8.95	59.5	10.39
	41	29.4	5.03	35.2	6.06	40.8	7.25	43.7	7.82	46.4	8.41	52.0	9.82	57.9	11.27
	43	28.8	5.47	34.4	6.60	39.8	7.89	42.6	8.51	45.3	9.16	50.7	10.70	56.6	12.30
46	26.9	6.12	32.2	7.40	37.3	8.84	39.9	9.57	42.4	10.28	47.5	12.05	53.0	13.85	
48	23.8	5.34	28.5	6.45	33.0	7.71	35.3	8.35	37.6	8.97	42.1	10.53	46.9	12.10	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM340BTE5

Cooling Capacity (34HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	87.0	8.98	103.7	10.97	111.1	12.73	114.2	12.99	117.5	13.09	123.2	13.19	126.3	13.24
	12	87.0	9.20	103.7	11.36	111.1	13.25	114.2	13.33	117.5	13.45	123.2	13.55	126.3	13.67
	14	87.0	9.50	103.7	11.78	111.1	13.75	114.2	13.85	117.5	13.96	123.2	14.06	126.3	14.20
	16	87.0	9.85	103.7	12.18	111.1	14.36	114.2	14.50	117.5	14.61	123.2	14.75	126.3	14.86
	18	87.0	10.27	103.7	12.88	111.1	15.02	114.2	15.35	117.5	15.47	123.2	15.62	126.3	15.73
	20	87.0	10.72	103.7	13.73	111.1	15.77	114.2	16.88	117.5	17.02	121.3	17.19	124.6	17.30
	21	87.0	11.00	103.7	14.21	111.1	16.09	114.2	17.86	117.5	18.01	120.7	18.19	123.8	18.31
	23	87.0	11.81	103.7	14.96	111.1	16.93	114.2	19.71	115.9	19.87	118.9	20.07	122.1	20.20
	25	87.0	12.61	103.7	15.81	111.1	18.10	113.0	21.86	114.2	22.04	117.5	22.25	120.7	22.41
	27	87.0	13.49	103.7	16.90	109.7	19.28	111.1	24.07	113.0	24.26	115.9	24.51	118.9	24.67
	29	87.0	14.38	103.7	18.07	107.9	20.74	109.4	26.45	111.1	26.61	114.2	26.85	117.5	26.96
	31	87.0	15.33	103.4	19.04	106.2	22.06	107.9	26.34	109.4	26.50	112.5	26.73	115.7	26.84
	33	87.0	16.35	101.5	20.17	104.8	23.66	106.5	26.09	107.9	26.26	111.1	26.49	113.9	26.60
	35	87.0	17.42	99.7	21.12	102.9	25.63	104.8	25.76	106.5	25.91	109.3	26.15	112.5	26.24
	37	87.0	18.59	98.3	22.16	101.5	25.29	102.9	25.42	104.8	25.57	107.6	25.79	110.8	25.90
	39	87.0	19.79	96.6	23.33	99.7	24.95	101.5	25.08	102.9	25.23	106.2	25.45	109.3	25.55
	41	84.8	20.99	92.6	24.49	95.7	24.61	97.2	24.73	99.1	24.88	102.0	25.11	104.8	25.21
	43	82.7	22.13	88.7	24.15	91.8	24.27	93.2	24.40	95.1	24.54	98.0	24.76	100.6	24.86
46	77.6	23.70	81.0	23.65	83.9	23.77	85.2	23.89	87.0	24.03	89.7	24.24	92.1	24.34	
48	68.6	23.04	70.3	23.10	72.9	23.15	74.0	23.22	75.7	23.42	78.1	23.57	80.2	23.66	
120	10	80.5	8.07	95.7	9.91	104.6	11.76	107.7	12.72	111.0	12.91	117.0	12.97	119.9	13.07
	12	80.5	8.29	95.7	10.24	104.6	12.24	107.7	12.99	111.0	13.39	117.0	13.55	119.9	13.66
	14	80.5	8.58	95.7	10.58	104.6	12.73	107.7	13.48	111.0	13.88	117.0	14.09	119.9	14.20
	16	80.5	8.89	95.7	11.01	104.6	13.23	107.7	13.98	111.0	14.53	117.0	14.71	119.9	14.82
	18	80.5	9.24	95.7	11.51	104.6	13.75	107.7	14.72	111.0	15.27	117.0	15.45	119.9	15.57
	20	80.5	9.59	95.7	12.21	104.6	14.50	107.7	15.48	111.0	16.08	117.0	16.29	119.9	16.42
	21	80.5	9.88	95.7	12.64	104.6	14.90	107.7	15.94	111.0	16.62	117.0	16.83	119.9	16.96
	23	80.5	10.56	95.7	13.53	104.6	15.96	107.7	16.94	111.0	17.71	117.0	17.89	119.9	18.04
	25	80.5	11.28	95.7	14.50	104.6	16.84	107.7	18.05	111.0	18.99	115.6	19.15	118.4	19.31
	27	80.5	12.04	95.7	15.50	104.6	17.92	107.7	19.29	111.0	20.41	113.8	20.55	116.7	20.71
	29	80.5	12.85	95.7	16.54	104.6	18.86	107.7	20.65	109.1	21.76	112.0	22.07	115.3	22.25
	31	80.5	13.69	95.7	17.66	104.6	19.83	106.3	22.12	107.7	23.33	110.6	23.75	113.4	23.94
	33	80.5	14.57	95.7	18.83	103.2	20.98	104.6	24.01	106.0	25.05	108.8	25.34	111.7	25.54
	35	80.5	15.50	95.7	20.07	101.4	22.21	102.8	26.45	104.6	26.58	107.4	26.66	110.2	26.87
	37	80.5	16.67	95.7	21.19	100.0	23.67	101.4	25.90	102.8	26.02	105.7	26.10	108.5	26.31
	39	80.5	17.95	95.4	22.39	98.3	25.11	99.7	25.36	101.1	25.49	104.3	25.57	107.1	25.76
	41	78.5	19.22	91.2	23.60	94.3	24.61	95.6	24.83	97.0	24.96	99.8	25.03	102.6	25.23
	43	76.5	20.52	87.3	23.25	90.4	24.06	91.7	24.30	93.1	24.42	95.8	24.49	98.6	24.69
46	71.7	22.06	79.7	22.70	82.5	23.31	83.8	23.50	85.0	23.61	87.6	23.69	90.2	23.88	
48	63.4	21.61	69.2	22.30	71.7	22.85	72.8	23.00	74.0	23.07	76.2	23.16	78.5	23.25	
110	10	73.7	7.26	87.8	8.85	98.1	10.52	100.9	11.39	107.3	12.25	109.7	12.60	117.2	12.80
	12	73.7	7.49	87.8	9.15	98.1	10.95	100.9	11.70	107.3	12.71	109.7	13.12	117.2	13.42
	14	73.7	7.73	87.8	9.56	98.1	11.45	100.9	12.28	107.3	13.35	109.7	13.73	117.2	14.02
	16	73.7	8.00	87.8	9.91	98.1	11.92	100.9	12.82	107.3	13.97	109.7	14.35	117.2	14.60
	18	73.7	8.29	87.8	10.33	98.1	12.61	100.9	13.50	107.3	14.73	109.7	15.02	117.2	15.30
	20	73.7	8.59	87.8	10.84	98.1	13.37	100.9	14.12	107.3	15.45	109.7	15.83	117.2	16.08
	21	73.7	8.79	87.8	11.16	98.1	13.72	100.9	14.50	107.3	15.87	109.7	16.28	117.2	16.53
	23	73.7	9.35	87.8	11.97	98.1	14.48	100.9	15.30	107.3	16.77	109.7	17.14	117.2	17.42
	25	73.7	10.00	87.8	12.76	98.1	15.30	100.9	16.18	107.3	17.72	109.7	17.98	115.8	18.35
	27	73.7	10.68	87.8	13.66	98.1	16.17	100.9	17.13	107.3	18.51	109.7	18.93	114.1	19.25
	29	73.7	11.40	87.8	14.57	98.1	17.08	100.9	18.14	107.3	19.56	109.7	19.89	112.6	20.20
	31	73.7	12.12	87.8	15.54	98.1	18.05	100.9	19.22	105.5	20.55	108.3	20.95	110.8	21.17
	33	73.7	12.93	87.8	16.54	98.1	19.07	100.9	20.37	104.0	21.70	106.6	22.06	109.4	22.19
	35	73.7	13.73	87.8	17.66	98.1	20.14	100.9	21.58	102.3	22.91	104.8	23.12	107.7	23.24
	37	73.7	14.55	87.8	18.75	98.1	21.26	99.5	22.86	100.6	24.16	103.4	24.24	105.9	24.31
	39	73.7	15.69	87.8	19.92	96.3	22.43	97.7	24.45	99.2	25.36	101.7	25.40	104.5	25.42
	41	71.7	16.83	85.6	21.10	92.1	23.66	93.6	26.45	94.9	26.45	97.7	26.66	100.0	26.87
	43	70.0	17.67	83.5	21.98	88.4	25.09	89.8	25.37	91.0	25.32	93.7	25.46	96.0	25.54
46	65.6	17.25	78.2	21.22	80.6	23.81	82.0	23.81	83.1	24.01	85.6	24.15	87.8	24.21	
48	58.0	16.75	68.0	20.44	70.0	22.65	71.3	22.80	72.2	22.92	74.5	22.98	76.5	23.07	

7. Capacity Tables

Cooling Capacity (34HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	64.3	6.54	76.5	7.95	89.0	9.43	95.2	10.19	101.4	10.95	112.3	12.19	114.8	12.28
	12	64.3	6.75	76.5	8.28	89.0	9.75	95.2	10.46	101.4	11.30	112.3	12.85	114.8	12.97
	14	64.3	6.96	76.5	8.61	89.0	10.16	95.2	10.92	101.4	11.79	112.3	13.57	114.8	13.69
	16	64.3	7.17	76.5	8.89	89.0	10.60	95.2	11.43	101.4	12.42	112.3	14.21	114.8	14.42
	18	64.3	7.38	76.5	9.22	89.0	11.00	95.2	12.00	101.4	13.17	112.3	15.02	114.8	15.14
	20	64.3	7.65	76.5	9.57	89.0	11.64	95.2	12.85	101.4	14.09	112.3	15.74	114.8	15.87
	21	64.3	7.81	76.5	9.80	89.0	12.04	95.2	13.29	101.4	14.61	112.3	16.10	114.8	16.23
	23	64.3	8.28	76.5	10.48	89.0	12.93	95.2	14.26	101.4	15.66	112.3	16.86	114.8	16.99
	25	64.3	8.79	76.5	11.16	89.0	13.81	95.2	15.26	101.4	16.74	112.3	17.58	113.9	17.72
	27	64.3	9.40	76.5	11.92	89.0	14.78	95.2	16.30	101.4	17.80	110.2	18.41	112.5	18.56
	29	64.3	10.00	76.5	12.73	89.0	15.78	95.2	17.42	101.4	18.84	108.1	19.14	110.8	19.30
	31	64.3	10.68	76.5	13.57	89.0	16.83	95.2	18.59	101.4	19.80	106.5	19.89	109.1	20.05
	33	64.3	11.33	76.5	14.45	89.0	17.95	95.2	19.83	101.4	20.55	104.8	20.62	107.4	20.80
	35	64.3	12.04	76.5	15.38	89.0	19.11	95.2	21.16	99.8	21.28	102.9	21.37	105.5	21.54
	37	64.3	12.90	76.5	16.50	89.0	20.25	95.2	22.16	98.1	22.28	100.9	22.37	103.4	22.58
	39	64.3	13.84	76.5	17.72	89.0	21.46	95.2	23.25	96.5	23.36	99.4	23.44	101.7	23.66
	41	63.2	14.76	75.3	18.95	87.6	22.66	91.3	24.33	93.3	24.43	95.5	24.52	98.6	24.75
	43	61.1	15.62	72.7	20.08	84.7	23.75	87.6	25.27	88.6	25.36	91.3	25.44	93.7	25.67
46	57.2	16.80	68.1	21.65	79.3	25.18	79.9	26.45	80.8	26.53	83.4	26.60	85.6	26.85	
48	50.7	14.51	60.3	18.73	68.5	21.53	69.5	22.44	70.2	22.52	72.5	22.57	74.5	22.74	
90	10	57.8	5.66	69.1	6.81	80.2	8.03	85.6	8.65	91.2	9.32	102.3	10.43	113.6	11.60
	12	57.8	5.73	69.1	6.91	80.2	8.17	85.6	8.83	91.2	9.53	102.3	10.63	113.6	11.80
	14	57.8	5.84	69.1	7.06	80.2	8.34	85.6	9.01	91.2	9.70	102.3	10.84	113.6	12.05
	16	57.8	5.94	69.1	7.19	80.2	8.52	85.6	9.18	91.2	9.87	102.3	11.05	113.6	12.24
	18	57.8	6.05	69.1	7.34	80.2	8.65	85.6	9.38	91.2	10.08	102.3	11.29	113.6	12.87
	20	57.8	6.15	69.1	7.48	80.2	8.83	85.6	9.56	91.2	10.47	102.3	12.08	113.6	13.48
	21	57.8	6.22	69.1	7.55	80.2	9.01	85.6	9.87	91.2	10.84	102.3	12.27	113.6	13.79
	23	57.8	6.36	69.1	7.86	80.2	9.63	85.6	10.60	91.2	11.62	102.3	13.02	112.0	14.43
	25	57.8	6.67	69.1	8.38	80.2	10.29	85.6	11.33	91.2	12.41	102.3	13.92	110.4	15.06
	27	57.8	7.13	69.1	8.94	80.2	10.99	85.6	12.10	91.2	13.28	102.3	14.80	108.8	15.76
	29	57.8	7.55	69.1	9.53	80.2	11.75	85.6	12.93	91.2	14.18	102.3	15.68	107.1	16.40
	31	57.8	8.03	69.1	10.16	80.2	12.51	85.6	13.76	91.2	15.12	102.3	16.46	105.5	17.03
	33	57.8	8.55	69.1	10.81	80.2	13.35	85.6	14.67	91.2	16.04	102.3	17.26	103.9	17.66
	35	57.8	9.07	69.1	11.47	80.2	14.18	85.6	15.64	91.2	17.01	100.6	18.25	102.3	18.66
	37	57.8	9.63	69.1	12.20	80.2	15.12	85.6	16.62	91.2	17.95	98.9	19.08	100.6	19.50
	39	57.8	10.20	69.1	12.97	80.2	16.01	85.6	17.68	91.2	18.88	97.4	20.11	99.1	20.35
	41	56.3	11.41	67.2	14.39	78.2	17.57	83.5	19.34	88.8	20.39	93.3	21.19	94.9	21.68
	43	54.9	12.32	65.5	15.55	76.2	19.20	81.4	20.82	86.6	21.85	89.5	22.70	91.0	22.97
46	51.5	13.86	61.5	17.71	71.4	21.86	76.3	23.62	78.7	24.28	81.6	24.92	83.2	24.95	
48	45.6	12.11	54.4	15.49	63.2	19.13	67.5	20.60	68.3	20.93	70.9	21.45	72.3	21.47	
80	10	51.3	4.78	61.2	5.74	71.1	6.73	76.2	7.26	81.3	7.80	91.2	8.89	100.9	9.66
	12	51.3	4.88	61.2	5.80	71.1	6.87	76.2	7.40	81.3	7.93	91.2	9.06	100.9	9.84
	14	51.3	4.94	61.2	5.94	71.1	6.96	76.2	7.53	81.3	8.06	91.2	9.22	100.9	10.03
	16	51.3	5.01	61.2	6.04	71.1	7.10	76.2	7.67	81.3	8.23	91.2	9.42	100.9	10.23
	18	51.3	5.11	61.2	6.13	71.1	7.23	76.2	7.80	81.3	8.39	91.2	9.58	100.9	10.45
	20	51.3	5.21	61.2	6.27	71.1	7.40	76.2	7.97	81.3	8.56	91.2	9.96	100.9	11.07
	21	51.3	5.24	61.2	6.34	71.1	7.46	76.2	8.06	81.3	8.76	91.2	10.27	100.9	11.36
	23	51.3	5.35	61.2	6.43	71.1	7.80	76.2	8.56	81.3	9.36	91.2	10.84	100.9	11.93
	25	51.3	5.54	61.2	6.87	71.1	8.36	76.2	9.16	81.3	10.02	91.2	11.60	100.9	12.76
	27	51.3	5.87	61.2	7.29	71.1	8.92	76.2	9.79	81.3	10.68	91.2	12.33	100.9	13.42
	29	51.3	6.24	61.2	7.80	71.1	9.49	76.2	10.41	81.3	11.42	91.2	13.21	100.9	14.36
	31	51.3	6.63	61.2	8.26	71.1	10.12	76.2	11.12	81.3	12.14	91.2	14.01	100.9	15.08
	33	51.3	7.04	61.2	8.83	71.1	10.79	76.2	11.84	81.3	12.94	91.2	14.77	100.9	15.81
	35	51.3	7.46	61.2	9.36	71.1	11.48	76.2	12.61	81.3	13.80	91.2	15.66	99.9	16.39
	37	51.3	7.90	61.2	9.94	71.1	12.17	76.2	13.41	81.3	14.66	91.2	16.53	98.3	17.13
	39	51.3	8.35	61.2	10.52	71.1	13.03	76.2	14.41	81.3	15.76	91.2	17.46	96.7	18.08
	41	50.1	9.23	59.6	11.66	69.2	14.30	74.2	15.79	79.1	17.31	88.8	19.43	92.6	20.02
	43	48.8	10.17	58.1	12.72	67.5	15.61	72.3	17.22	77.3	18.92	86.6	20.79	88.8	21.44
46	45.7	11.30	54.5	14.33	63.2	17.58	67.8	19.16	72.3	21.35	79.1	22.70	81.0	23.06	
48	40.5	9.87	48.2	12.52	56.0	15.38	60.0	16.74	64.0	18.69	68.8	19.65	70.5	19.85	

7. Capacity Tables

Cooling Capacity (34HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	44.8	4.22	53.8	5.02	62.3	5.82	66.6	6.28	71.1	6.72	79.6	7.65	88.4	8.55
	12	44.8	4.28	53.8	5.09	62.3	5.95	66.6	6.39	71.1	6.85	79.6	7.78	88.4	8.72
	14	44.8	4.36	53.8	5.15	62.3	6.05	66.6	6.48	71.1	6.95	79.6	7.94	88.4	8.87
	16	44.8	4.42	53.8	5.26	62.3	6.16	66.6	6.62	71.1	7.09	79.6	8.08	88.4	9.07
	18	44.8	4.48	53.8	5.35	62.3	6.28	66.6	6.75	71.1	7.21	79.6	8.21	88.4	9.22
	20	44.8	4.56	53.8	5.45	62.3	6.39	66.6	6.89	71.1	7.38	79.6	8.41	88.4	9.57
	21	44.8	4.62	53.8	5.49	62.3	6.45	66.6	6.95	71.1	7.45	79.6	8.55	88.4	9.78
	23	44.8	4.69	53.8	5.62	62.3	6.58	66.6	7.18	71.1	7.82	79.6	9.14	88.4	10.32
	25	44.8	4.75	53.8	5.82	62.3	7.01	66.6	7.68	71.1	8.35	79.6	9.77	88.4	10.82
	27	44.8	5.02	53.8	6.22	62.3	7.48	66.6	8.14	71.1	8.91	79.6	10.44	88.4	11.51
	29	44.8	5.35	53.8	6.58	62.3	7.94	66.6	8.67	71.1	9.48	79.6	11.14	88.4	12.33
	31	44.8	5.68	53.8	7.01	62.3	8.48	66.6	9.28	71.1	10.11	79.6	11.87	88.4	13.08
	33	44.8	6.02	53.8	7.41	62.3	9.01	66.6	9.84	71.1	10.74	79.6	12.63	88.4	13.93
	35	44.8	6.35	53.8	7.91	62.3	9.57	66.6	10.47	71.1	11.43	79.6	13.46	88.4	14.77
	37	44.8	6.75	53.8	8.38	62.3	10.18	66.6	11.14	71.1	12.16	79.6	14.33	88.4	15.58
	39	44.8	7.16	53.8	8.93	62.3	10.88	66.6	11.98	71.1	13.14	79.6	15.33	88.4	16.80
	41	43.7	7.92	52.4	9.79	60.6	11.93	64.9	13.14	69.2	14.29	77.6	16.84	86.1	18.12
	43	42.7	8.63	51.0	10.67	59.2	13.02	63.4	14.33	67.5	15.61	75.6	18.40	84.0	19.59
46	40.0	9.59	47.9	12.00	55.5	14.66	59.3	15.96	63.2	17.59	70.8	20.76	78.7	21.84	
48	35.4	8.37	42.3	10.48	49.0	12.82	52.5	13.95	56.0	15.39	62.7	18.17	69.7	18.90	
60	10	38.5	3.67	45.9	4.30	53.3	5.00	57.2	5.37	60.9	5.69	68.3	6.46	75.9	7.23
	12	38.5	3.73	45.9	4.36	53.3	5.06	57.2	5.43	60.9	5.80	68.3	6.57	75.9	7.37
	14	38.5	3.76	45.9	4.43	53.3	5.16	57.2	5.53	60.9	5.89	68.3	6.69	75.9	7.49
	16	38.5	3.83	45.9	4.53	53.3	5.23	57.2	5.63	60.9	6.03	68.3	6.83	75.9	7.63
	18	38.5	3.90	45.9	4.60	53.3	5.33	57.2	5.73	60.9	6.13	68.3	6.93	75.9	7.80
	20	38.5	3.96	45.9	4.66	53.3	5.43	57.2	5.83	60.9	6.23	68.3	7.06	75.9	7.96
	21	38.5	4.00	45.9	4.70	53.3	5.50	57.2	5.89	60.9	6.29	68.3	7.17	75.9	8.03
	23	38.5	4.07	45.9	4.80	53.3	5.57	57.2	6.00	60.9	6.43	68.3	7.43	75.9	8.53
	25	38.5	4.13	45.9	4.90	53.3	5.80	57.2	6.29	60.9	6.83	68.3	7.93	75.9	9.13
	27	38.5	4.27	45.9	5.16	53.3	6.17	57.2	6.69	60.9	7.26	68.3	8.43	75.9	9.73
	29	38.5	4.53	45.9	5.50	53.3	6.57	57.2	7.13	60.9	7.73	68.3	8.99	75.9	10.39
	31	38.5	4.80	45.9	5.83	53.3	6.97	57.2	7.60	60.9	8.23	68.3	9.59	75.9	11.06
	33	38.5	5.06	45.9	6.17	53.3	7.40	57.2	8.06	60.9	8.76	68.3	10.19	75.9	11.80
	35	38.5	5.37	45.9	6.57	53.3	7.86	57.2	8.56	60.9	9.30	68.3	10.86	75.9	12.52
	37	38.5	5.66	45.9	6.92	53.3	8.33	57.2	9.10	60.9	9.87	68.3	11.53	75.9	13.32
	39	38.5	6.03	45.9	7.37	53.3	8.99	57.2	9.76	60.9	10.61	68.3	12.36	75.9	14.28
	41	37.4	6.54	44.7	8.07	52.1	9.76	55.6	10.66	59.3	11.52	66.6	13.57	73.9	15.51
	43	36.5	7.10	43.6	8.79	50.7	10.64	54.3	11.61	57.8	12.57	64.9	14.80	72.0	16.95
46	34.2	7.95	40.9	9.87	47.6	11.97	50.9	13.06	54.2	14.14	60.9	16.68	67.5	19.31	
48	30.3	6.92	36.2	8.61	42.0	10.46	45.0	11.41	47.9	12.35	53.8	14.59	59.8	16.90	
50	10	32.1	3.17	38.5	3.67	44.5	4.17	47.6	4.48	50.7	4.74	56.7	5.34	63.2	5.94
	12	32.1	3.20	38.5	3.71	44.5	4.24	47.6	4.54	50.7	4.84	56.7	5.44	63.2	6.04
	14	32.1	3.24	38.5	3.77	44.5	4.31	47.6	4.60	50.7	4.91	56.7	5.51	63.2	6.15
	16	32.1	3.31	38.5	3.84	44.5	4.37	47.6	4.71	50.7	4.98	56.7	5.60	63.2	6.24
	18	32.1	3.34	38.5	3.87	44.5	4.44	47.6	4.77	50.7	5.07	56.7	5.71	63.2	6.38
	20	32.1	3.37	38.5	3.94	44.5	4.54	47.6	4.84	50.7	5.18	56.7	5.81	63.2	6.51
	21	32.1	3.40	38.5	3.98	44.5	4.57	47.6	4.91	50.7	5.21	56.7	5.88	63.2	6.58
	23	32.1	3.48	38.5	4.04	44.5	4.64	47.6	4.98	50.7	5.31	56.7	5.98	63.2	6.71
	25	32.1	3.51	38.5	4.10	44.5	4.74	47.6	5.07	50.7	5.48	56.7	6.27	63.2	7.18
	27	32.1	3.57	38.5	4.24	44.5	5.01	47.6	5.41	50.7	5.81	56.7	6.71	63.2	7.64
	29	32.1	3.77	38.5	4.51	44.5	5.31	47.6	5.74	50.7	6.18	56.7	7.11	63.2	8.11
	31	32.1	3.98	38.5	4.77	44.5	5.65	47.6	6.07	50.7	6.58	56.7	7.58	63.2	8.64
	33	32.1	4.21	38.5	5.04	44.5	5.98	47.6	6.44	50.7	6.98	56.7	8.05	63.2	9.22
	35	32.1	4.44	38.5	5.34	44.5	6.31	47.6	6.85	50.7	7.38	56.7	8.52	63.2	9.78
	37	32.1	4.71	38.5	5.65	44.5	6.68	47.6	7.24	50.7	7.81	56.7	9.08	63.2	10.38
	39	32.1	5.02	38.5	6.05	44.5	7.16	47.6	7.80	50.7	8.38	56.7	9.67	63.2	11.22
	41	31.3	5.43	37.4	6.55	43.4	7.82	46.4	8.44	49.3	9.08	55.3	10.61	61.6	12.18
	43	30.6	5.90	36.5	7.12	42.3	8.52	45.3	9.19	48.2	9.89	53.9	11.56	60.1	13.29
46	28.6	6.61	34.2	7.99	39.7	9.55	42.4	10.33	45.1	11.11	50.5	13.01	56.3	14.96	
48	25.3	5.76	30.3	6.96	35.1	8.33	37.5	9.02	39.9	9.69	44.7	11.37	49.8	13.07	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM360BTE5

Cooling Capacity (36HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	92.1	9.99	109.8	12.21	117.6	14.16	121.0	14.46	124.4	14.57	130.4	14.68	133.8	14.74
	12	92.1	10.23	109.8	12.65	117.6	14.74	121.0	14.84	124.4	14.96	130.4	15.08	133.8	15.21
	14	92.1	10.58	109.8	13.11	117.6	15.30	121.0	15.41	124.4	15.54	130.4	15.65	133.8	15.80
	16	92.1	10.97	109.8	13.56	117.6	15.98	121.0	16.14	124.4	16.26	130.4	16.41	133.8	16.54
	18	92.1	11.43	109.8	14.34	117.6	16.72	121.0	17.08	124.4	17.22	130.4	17.39	133.8	17.50
	20	92.1	11.93	109.8	15.28	117.6	17.55	121.0	18.78	124.4	18.94	128.5	19.13	131.9	19.25
	21	92.1	12.24	109.8	15.82	117.6	17.91	121.0	19.88	124.4	20.04	127.8	20.24	131.1	20.38
	23	92.1	13.14	109.8	16.64	117.6	18.84	121.0	21.94	122.8	22.11	125.9	22.34	129.3	22.48
	25	92.1	14.03	109.8	17.60	117.6	20.14	119.6	24.33	121.0	24.53	124.4	24.77	127.8	24.94
	27	92.1	15.01	109.8	18.81	116.1	21.46	117.6	26.78	119.6	27.00	122.8	27.27	125.9	27.45
	29	92.1	16.00	109.8	20.11	114.3	23.08	115.9	29.44	117.6	29.61	121.0	29.88	124.4	30.00
	31	92.1	17.07	109.4	21.19	112.4	24.56	114.3	29.31	115.9	29.49	119.1	29.75	122.5	29.87
	33	92.1	18.19	107.5	22.44	110.9	26.34	112.7	29.04	114.3	29.23	117.6	29.48	120.6	29.60
	35	92.1	19.39	105.6	23.51	109.0	28.53	110.9	28.67	112.7	28.84	115.8	29.10	119.1	29.21
	37	92.1	20.68	104.1	24.67	107.5	28.15	109.0	28.29	110.9	28.46	113.9	28.71	117.3	28.83
	39	92.1	22.03	102.3	25.97	105.6	27.77	107.5	27.91	109.0	28.08	112.4	28.33	115.8	28.44
41	89.8	23.36	98.1	27.26	101.4	27.39	102.9	27.53	104.9	27.69	108.0	27.95	111.0	28.06	
43	87.6	24.64	93.9	26.88	97.2	27.02	98.7	27.15	100.7	27.32	103.8	27.56	106.6	27.66	
46	82.1	26.37	85.7	26.32	88.8	26.45	90.2	26.58	92.1	26.75	95.0	26.98	97.6	27.09	
48	72.6	25.64	74.4	25.71	77.2	25.77	78.4	25.84	80.1	26.07	82.7	26.23	85.0	26.33	
120	10	85.2	8.99	101.4	11.02	110.7	13.09	114.1	14.16	117.5	14.37	123.9	14.43	126.9	14.54
	12	85.2	9.23	101.4	11.40	110.7	13.62	114.1	14.46	117.5	14.91	123.9	15.08	126.9	15.21
	14	85.2	9.55	101.4	11.78	110.7	14.17	114.1	15.00	117.5	15.45	123.9	15.68	126.9	15.81
	16	85.2	9.89	101.4	12.26	110.7	14.72	114.1	15.55	117.5	16.17	123.9	16.37	126.9	16.49
	18	85.2	10.28	101.4	12.81	110.7	15.31	114.1	16.38	117.5	17.00	123.9	17.19	126.9	17.33
	20	85.2	10.67	101.4	13.59	110.7	16.14	114.1	17.23	117.5	17.90	123.9	18.13	126.9	18.28
	21	85.2	11.00	101.4	14.07	110.7	16.58	114.1	17.74	117.5	18.49	123.9	18.73	126.9	18.87
	23	85.2	11.75	101.4	15.06	110.7	17.77	114.1	18.85	117.5	19.71	123.9	19.91	126.9	20.07
	25	85.2	12.55	101.4	16.14	110.7	18.74	114.1	20.09	117.5	21.13	122.4	21.32	125.4	21.49
	27	85.2	13.40	101.4	17.25	110.7	19.95	114.1	21.47	117.5	22.71	120.5	22.87	123.6	23.05
	29	85.2	14.30	101.4	18.41	110.7	20.99	114.1	22.98	115.6	24.21	118.6	24.57	122.0	24.77
	31	85.2	15.24	101.4	19.66	110.7	22.07	112.6	24.62	114.1	25.97	117.1	26.43	120.1	26.64
	33	85.2	16.22	101.4	20.96	109.2	23.35	110.7	26.72	112.2	27.88	115.2	28.20	118.2	28.43
	35	85.2	17.25	101.4	22.34	107.4	24.72	108.9	29.44	110.7	29.58	113.7	29.67	116.7	29.91
	37	85.2	18.55	101.4	23.58	105.9	26.35	107.4	28.82	108.9	28.96	111.9	29.04	114.9	29.28
	39	85.2	19.98	101.0	24.92	104.0	27.95	105.5	28.23	107.0	28.37	110.4	28.46	113.4	28.67
41	83.1	21.40	96.6	26.26	99.9	27.39	101.2	27.63	102.7	27.78	105.7	27.86	108.7	28.08	
43	81.0	22.84	92.5	25.88	95.7	26.78	97.1	27.04	98.6	27.18	101.4	27.26	104.4	27.48	
46	75.9	24.56	84.3	25.27	87.4	25.94	88.7	26.15	90.0	26.28	92.8	26.37	95.5	26.57	
48	67.2	24.05	73.2	24.82	76.0	25.43	77.1	25.59	78.3	25.67	80.7	25.77	83.1	25.88	
110	10	78.0	8.08	93.0	9.85	103.8	11.70	106.8	12.67	113.6	13.63	116.2	14.02	124.1	14.24
	12	78.0	8.34	93.0	10.19	103.8	12.19	106.8	13.02	113.6	14.14	116.2	14.60	124.1	14.94
	14	78.0	8.60	93.0	10.64	103.8	12.74	106.8	13.67	113.6	14.86	116.2	15.28	124.1	15.61
	16	78.0	8.91	93.0	11.03	103.8	13.26	106.8	14.27	113.6	15.54	116.2	15.97	124.1	16.25
	18	78.0	9.23	93.0	11.50	103.8	14.03	106.8	15.03	113.6	16.39	116.2	16.72	124.1	17.03
	20	78.0	9.56	93.0	12.07	103.8	14.88	106.8	15.71	113.6	17.19	116.2	17.62	124.1	17.90
	21	78.0	9.78	93.0	12.42	103.8	15.27	106.8	16.14	113.6	17.67	116.2	18.12	124.1	18.40
	23	78.0	10.41	93.0	13.32	103.8	16.12	106.8	17.03	113.6	18.67	116.2	19.07	124.1	19.38
	25	78.0	11.13	93.0	14.21	103.8	17.02	106.8	18.01	113.6	19.72	116.2	20.01	122.6	20.42
	27	78.0	11.88	93.0	15.20	103.8	17.99	106.8	19.07	113.6	20.60	116.2	21.07	120.8	21.43
	29	78.0	12.69	93.0	16.22	103.8	19.01	106.8	20.19	113.6	21.77	116.2	22.14	119.2	22.48
	31	78.0	13.49	93.0	17.29	103.8	20.09	106.8	21.39	111.7	22.88	114.7	23.32	117.3	23.56
	33	78.0	14.39	93.0	18.41	103.8	21.23	106.8	22.67	110.2	24.16	112.8	24.56	115.8	24.69
	35	78.0	15.28	93.0	19.66	103.8	22.41	106.8	24.02	108.3	25.50	111.0	25.73	114.0	25.86
	37	78.0	16.19	93.0	20.87	103.8	23.66	105.3	25.44	106.5	26.89	109.5	26.98	112.1	27.05
	39	78.0	17.46	93.0	22.17	102.0	24.97	103.5	27.22	105.0	28.22	107.6	28.26	110.6	28.29
41	76.0	18.73	90.6	23.48	97.6	26.33	99.1	29.44	100.4	29.44	103.4	29.67	105.9	29.91	
43	74.1	19.67	88.4	24.46	93.6	27.92	95.1	28.23	96.3	28.18	99.2	28.33	101.7	28.42	
46	69.5	19.20	82.8	23.62	85.3	26.50	86.8	26.50	87.9	26.72	90.6	26.88	93.0	26.95	
48	61.5	18.64	72.0	22.75	74.1	25.21	75.5	25.38	76.5	25.50	78.9	25.57	80.9	25.68	

7. Capacity Tables

Cooling Capacity (36HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	68.1	7.28	81.0	8.85	94.3	10.50	100.8	11.34	107.3	12.18	118.9	13.56	121.5	13.67
	12	68.1	7.51	81.0	9.21	94.3	10.86	100.8	11.65	107.3	12.58	118.9	14.30	121.5	14.44
	14	68.1	7.74	81.0	9.58	94.3	11.31	100.8	12.15	107.3	13.12	118.9	15.10	121.5	15.24
	16	68.1	7.98	81.0	9.89	94.3	11.80	100.8	12.72	107.3	13.82	118.9	15.82	121.5	16.05
	18	68.1	8.22	81.0	10.26	94.3	12.25	100.8	13.35	107.3	14.66	118.9	16.72	121.5	16.85
	20	68.1	8.51	81.0	10.65	94.3	12.96	100.8	14.30	107.3	15.68	118.9	17.52	121.5	17.66
	21	68.1	8.69	81.0	10.90	94.3	13.40	100.8	14.79	107.3	16.26	118.9	17.92	121.5	18.06
	23	68.1	9.21	81.0	11.67	94.3	14.39	100.8	15.87	107.3	17.43	118.9	18.77	121.5	18.91
	25	68.1	9.79	81.0	12.42	94.3	15.37	100.8	16.98	107.3	18.64	118.9	19.57	120.6	19.72
	27	68.1	10.46	81.0	13.27	94.3	16.45	100.8	18.14	107.3	19.81	116.7	20.49	119.1	20.65
	29	68.1	11.13	81.0	14.17	94.3	17.56	100.8	19.39	107.3	20.97	114.5	21.31	117.3	21.48
	31	68.1	11.88	81.0	15.10	94.3	18.73	100.8	20.69	107.3	22.03	112.8	22.13	115.5	22.31
	33	68.1	12.61	81.0	16.09	94.3	19.98	100.8	22.07	107.3	22.87	111.0	22.95	113.7	23.14
	35	68.1	13.40	81.0	17.12	94.3	21.27	100.8	23.55	105.6	23.69	108.9	23.78	111.7	23.98
	37	68.1	14.36	81.0	18.36	94.3	22.53	100.8	24.67	103.9	24.79	106.9	24.89	109.5	25.13
	39	68.1	15.40	81.0	19.72	94.3	23.88	100.8	25.88	102.2	26.00	105.2	26.08	107.7	26.34
	41	66.9	16.42	79.7	21.09	92.8	25.22	96.7	27.08	98.8	27.19	101.1	27.29	104.4	27.55
	43	64.7	17.39	77.0	22.35	89.7	26.43	92.7	28.12	93.8	28.22	96.7	28.32	99.3	28.57
46	60.6	18.70	72.1	24.09	84.0	28.03	84.6	29.44	85.6	29.53	88.3	29.61	90.7	29.89	
48	53.6	16.15	63.8	20.85	72.5	23.96	73.6	24.97	74.4	25.06	76.8	25.12	78.9	25.31	
90	10	61.2	6.30	73.1	7.58	84.9	8.94	90.7	9.63	96.5	10.37	108.3	11.61	120.3	12.91
	12	61.2	6.38	73.1	7.70	84.9	9.09	90.7	9.83	96.5	10.60	108.3	11.83	120.3	13.14
	14	61.2	6.50	73.1	7.85	84.9	9.28	90.7	10.02	96.5	10.80	108.3	12.06	120.3	13.40
	16	61.2	6.61	73.1	8.00	84.9	9.48	90.7	10.22	96.5	10.98	108.3	12.29	120.3	13.63
	18	61.2	6.73	73.1	8.16	84.9	9.63	90.7	10.44	96.5	11.22	108.3	12.56	120.3	14.32
	20	61.2	6.85	73.1	8.32	84.9	9.83	90.7	10.64	96.5	11.65	108.3	13.44	120.3	15.00
	21	61.2	6.92	73.1	8.40	84.9	10.02	90.7	10.98	96.5	12.07	108.3	13.66	120.3	15.34
	23	61.2	7.08	73.1	8.74	84.9	10.71	90.7	11.80	96.5	12.93	108.3	14.49	118.6	16.06
	25	61.2	7.43	73.1	9.32	84.9	11.45	90.7	12.61	96.5	13.81	108.3	15.49	116.9	16.76
	27	61.2	7.93	73.1	9.95	84.9	12.23	90.7	13.47	96.5	14.78	108.3	16.47	115.2	17.54
	29	61.2	8.40	73.1	10.60	84.9	13.08	90.7	14.39	96.5	15.78	108.3	17.45	113.4	18.25
	31	61.2	8.94	73.1	11.30	84.9	13.93	90.7	15.32	96.5	16.83	108.3	18.32	111.7	18.96
	33	61.2	9.52	73.1	12.03	84.9	14.86	90.7	16.33	96.5	17.85	108.3	19.20	110.0	19.65
	35	61.2	10.10	73.1	12.77	84.9	15.78	90.7	17.41	96.5	18.93	106.5	20.31	108.3	20.77
	37	61.2	10.71	73.1	13.58	84.9	16.83	90.7	18.49	96.5	19.98	104.8	21.23	106.6	21.71
	39	61.2	11.35	73.1	14.44	84.9	17.81	90.7	19.68	96.5	21.01	103.1	22.38	104.9	22.65
	41	59.7	12.70	71.2	16.02	82.8	19.55	88.4	21.52	94.0	22.69	98.7	23.58	100.5	24.12
	43	58.2	13.71	69.4	17.31	80.7	21.36	86.2	23.18	91.7	24.32	94.7	25.26	96.4	25.56
46	54.5	15.42	65.1	19.71	75.6	24.33	80.8	26.28	83.3	27.02	86.4	27.73	88.1	27.77	
48	48.2	13.48	57.6	17.24	66.9	21.29	71.4	22.93	72.3	23.29	75.1	23.87	76.5	23.89	
80	10	54.3	5.32	64.8	6.38	75.3	7.49	80.7	8.08	86.1	8.67	96.5	9.89	106.9	10.74
	12	54.3	5.42	64.8	6.45	75.3	7.64	80.7	8.23	86.1	8.82	96.5	10.08	106.9	10.95
	14	54.3	5.50	64.8	6.61	75.3	7.75	80.7	8.37	86.1	8.96	96.5	10.26	106.9	11.16
	16	54.3	5.57	64.8	6.71	75.3	7.90	80.7	8.53	86.1	9.15	96.5	10.48	106.9	11.37
	18	54.3	5.68	64.8	6.82	75.3	8.04	80.7	8.67	86.1	9.33	96.5	10.66	106.9	11.62
	20	54.3	5.79	64.8	6.97	75.3	8.23	80.7	8.86	86.1	9.52	96.5	11.07	106.9	12.31
	21	54.3	5.83	64.8	7.05	75.3	8.30	80.7	8.96	86.1	9.75	96.5	11.42	106.9	12.64
	23	54.3	5.94	64.8	7.15	75.3	8.67	80.7	9.52	86.1	10.41	96.5	12.05	106.9	13.26
	25	54.3	6.16	64.8	7.64	75.3	9.30	80.7	10.18	86.1	11.14	96.5	12.90	106.9	14.19
	27	54.3	6.53	64.8	8.11	75.3	9.92	80.7	10.88	86.1	11.88	96.5	13.71	106.9	14.92
	29	54.3	6.94	64.8	8.67	75.3	10.55	80.7	11.58	86.1	12.69	96.5	14.69	106.9	15.97
	31	54.3	7.38	64.8	9.19	75.3	11.25	80.7	12.36	86.1	13.50	96.5	15.58	106.9	16.77
	33	54.3	7.83	64.8	9.82	75.3	12.00	80.7	13.17	86.1	14.39	96.5	16.43	106.9	17.59
	35	54.3	8.30	64.8	10.41	75.3	12.77	80.7	14.02	86.1	15.35	96.5	17.42	105.8	18.22
	37	54.3	8.79	64.8	11.06	75.3	13.54	80.7	14.91	86.1	16.31	96.5	18.38	104.1	19.05
	39	54.3	9.28	64.8	11.70	75.3	14.49	80.7	16.03	86.1	17.53	96.5	19.42	102.3	20.10
	41	53.0	10.26	63.1	12.96	73.3	15.90	78.6	17.56	83.8	19.25	94.0	21.61	98.1	22.27
	43	51.6	11.30	61.6	14.15	71.5	17.36	76.6	19.15	81.8	21.04	91.7	23.12	94.0	23.84
46	48.4	12.57	57.7	15.93	67.0	19.55	71.8	21.30	76.6	23.75	83.8	25.24	85.8	25.64	
48	42.9	10.98	51.0	13.93	59.3	17.10	63.6	18.61	67.8	20.78	72.8	21.85	74.6	22.07	

7. Capacity Tables

Cooling Capacity (36HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	47.5	4.69	56.9	5.58	65.9	6.46	70.5	6.98	75.3	7.46	84.3	8.50	93.6	9.50
	12	47.5	4.76	56.9	5.65	65.9	6.62	70.5	7.10	75.3	7.62	84.3	8.65	93.6	9.69
	14	47.5	4.84	56.9	5.72	65.9	6.72	70.5	7.20	75.3	7.72	84.3	8.83	93.6	9.86
	16	47.5	4.91	56.9	5.84	65.9	6.84	70.5	7.36	75.3	7.87	84.3	8.98	93.6	10.08
	18	47.5	4.98	56.9	5.95	65.9	6.98	70.5	7.50	75.3	8.02	84.3	9.12	93.6	10.25
	20	47.5	5.07	56.9	6.05	65.9	7.10	70.5	7.65	75.3	8.20	84.3	9.34	93.6	10.64
	21	47.5	5.14	56.9	6.10	65.9	7.17	70.5	7.72	75.3	8.27	84.3	9.50	93.6	10.86
	23	47.5	5.21	56.9	6.24	65.9	7.31	70.5	7.98	75.3	8.69	84.3	10.16	93.6	11.47
	25	47.5	5.28	56.9	6.46	65.9	7.79	70.5	8.53	75.3	9.27	84.3	10.86	93.6	12.03
	27	47.5	5.58	56.9	6.91	65.9	8.31	70.5	9.05	75.3	9.90	84.3	11.60	93.6	12.79
	29	47.5	5.95	56.9	7.31	65.9	8.83	70.5	9.64	75.3	10.53	84.3	12.38	93.6	13.70
	31	47.5	6.31	56.9	7.79	65.9	9.43	70.5	10.31	75.3	11.24	84.3	13.19	93.6	14.54
	33	47.5	6.69	56.9	8.24	65.9	10.01	70.5	10.93	75.3	11.93	84.3	14.03	93.6	15.47
	35	47.5	7.05	56.9	8.79	65.9	10.64	70.5	11.64	75.3	12.71	84.3	14.96	93.6	16.41
	37	47.5	7.50	56.9	9.31	65.9	11.31	70.5	12.38	75.3	13.52	84.3	15.93	93.6	17.32
	39	47.5	7.96	56.9	9.93	65.9	12.09	70.5	13.32	75.3	14.61	84.3	17.04	93.6	18.67
	41	46.3	8.80	55.4	10.88	64.2	13.26	68.7	14.61	73.3	15.88	82.1	18.72	91.2	20.14
	43	45.2	9.59	54.0	11.86	62.6	14.47	67.1	15.93	71.5	17.34	80.1	20.45	88.9	21.77
46	42.3	10.65	50.7	13.34	58.7	16.29	62.8	17.74	67.0	19.55	75.0	23.07	83.4	24.27	
48	37.5	9.30	44.8	11.64	51.9	14.25	55.6	15.51	59.3	17.10	66.3	20.19	73.8	21.00	
60	10	40.7	4.07	48.6	4.77	56.5	5.55	60.5	5.96	64.5	6.32	72.3	7.18	80.3	8.03
	12	40.7	4.14	48.6	4.84	56.5	5.62	60.5	6.03	64.5	6.44	72.3	7.29	80.3	8.18
	14	40.7	4.18	48.6	4.92	56.5	5.73	60.5	6.14	64.5	6.55	72.3	7.43	80.3	8.32
	16	40.7	4.26	48.6	5.03	56.5	5.81	60.5	6.25	64.5	6.70	72.3	7.58	80.3	8.47
	18	40.7	4.33	48.6	5.11	56.5	5.92	60.5	6.36	64.5	6.80	72.3	7.70	80.3	8.66
	20	40.7	4.40	48.6	5.18	56.5	6.03	60.5	6.47	64.5	6.92	72.3	7.84	80.3	8.84
	21	40.7	4.44	48.6	5.22	56.5	6.10	60.5	6.55	64.5	6.99	72.3	7.96	80.3	8.91
	23	40.7	4.51	48.6	5.33	56.5	6.18	60.5	6.66	64.5	7.14	72.3	8.25	80.3	9.47
	25	40.7	4.59	48.6	5.44	56.5	6.44	60.5	6.99	64.5	7.58	72.3	8.81	80.3	10.14
	27	40.7	4.74	48.6	5.73	56.5	6.85	60.5	7.43	64.5	8.06	72.3	9.36	80.3	10.80
	29	40.7	5.03	48.6	6.10	56.5	7.29	60.5	7.92	64.5	8.59	72.3	9.99	80.3	11.54
	31	40.7	5.33	48.6	6.47	56.5	7.73	60.5	8.43	64.5	9.14	72.3	10.65	80.3	12.28
	33	40.7	5.62	48.6	6.85	56.5	8.21	60.5	8.95	64.5	9.73	72.3	11.32	80.3	13.10
	35	40.7	5.96	48.6	7.29	56.5	8.73	60.5	9.51	64.5	10.32	72.3	12.06	80.3	13.91
	37	40.7	6.29	48.6	7.69	56.5	9.25	60.5	10.10	64.5	10.95	72.3	12.80	80.3	14.79
	39	40.7	6.69	48.6	8.19	56.5	9.98	60.5	10.84	64.5	11.78	72.3	13.72	80.3	15.86
	41	39.6	7.26	47.4	8.96	55.1	10.84	58.9	11.84	62.8	12.79	70.5	15.06	78.3	17.23
	43	38.7	7.89	46.2	9.76	53.7	11.82	57.5	12.90	61.2	13.95	68.7	16.44	76.3	18.82
46	36.3	8.82	43.3	10.96	50.4	13.29	53.9	14.50	57.4	15.70	64.5	18.52	71.5	21.45	
48	32.1	7.69	38.3	9.56	44.5	11.62	47.7	12.67	50.7	13.71	57.0	16.20	63.3	18.76	
50	10	34.0	3.52	40.7	4.08	47.1	4.63	50.4	4.97	53.7	5.26	60.1	5.93	66.9	6.59
	12	34.0	3.56	40.7	4.11	47.1	4.70	50.4	5.04	53.7	5.37	60.1	6.03	66.9	6.71
	14	34.0	3.59	40.7	4.18	47.1	4.78	50.4	5.11	53.7	5.44	60.1	6.11	66.9	6.82
	16	34.0	3.67	40.7	4.26	47.1	4.85	50.4	5.22	53.7	5.52	60.1	6.22	66.9	6.93
	18	34.0	3.71	40.7	4.30	47.1	4.92	50.4	5.29	53.7	5.63	60.1	6.33	66.9	7.08
	20	34.0	3.74	40.7	4.37	47.1	5.04	50.4	5.37	53.7	5.74	60.1	6.45	66.9	7.23
	21	34.0	3.78	40.7	4.41	47.1	5.07	50.4	5.44	53.7	5.78	60.1	6.52	66.9	7.30
	23	34.0	3.86	40.7	4.48	47.1	5.15	50.4	5.52	53.7	5.89	60.1	6.64	66.9	7.45
	25	34.0	3.89	40.7	4.55	47.1	5.26	50.4	5.63	53.7	6.08	60.1	6.96	66.9	7.97
	27	34.0	3.96	40.7	4.70	47.1	5.56	50.4	6.00	53.7	6.45	60.1	7.45	66.9	8.48
	29	34.0	4.18	40.7	5.00	47.1	5.89	50.4	6.37	53.7	6.86	60.1	7.89	66.9	9.00
	31	34.0	4.41	40.7	5.29	47.1	6.26	50.4	6.74	53.7	7.30	60.1	8.41	66.9	9.59
	33	34.0	4.67	40.7	5.59	47.1	6.64	50.4	7.15	53.7	7.75	60.1	8.93	66.9	10.23
	35	34.0	4.92	40.7	5.93	47.1	7.01	50.4	7.60	53.7	8.19	60.1	9.45	66.9	10.85
	37	34.0	5.22	40.7	6.26	47.1	7.41	50.4	8.04	53.7	8.66	60.1	10.08	66.9	11.52
	39	34.0	5.57	40.7	6.71	47.1	7.94	50.4	8.65	53.7	9.30	60.1	10.73	66.9	12.45
	41	33.1	6.03	39.6	7.26	45.9	8.68	49.1	9.37	52.2	10.08	58.6	11.77	65.2	13.51
	43	32.4	6.55	38.7	7.90	44.8	9.45	47.9	10.20	51.0	10.97	57.1	12.83	63.6	14.74
46	30.3	7.33	36.3	8.86	42.0	10.60	44.9	11.46	47.7	12.32	53.5	14.43	59.7	16.60	
48	26.8	6.39	32.1	7.73	37.2	9.24	39.7	10.01	42.3	10.75	47.4	12.61	52.8	14.50	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM380BTE5

Cooling Capacity (38HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	97.2	10.67	115.9	13.04	124.1	15.12	127.8	15.43	131.3	15.56	137.6	15.68	141.2	15.74
	12	97.2	10.93	115.9	13.51	124.1	15.74	127.8	15.85	131.3	15.97	137.6	16.10	141.2	16.24
	14	97.2	11.30	115.9	13.99	124.1	16.33	127.8	16.45	131.3	16.59	137.6	16.71	141.2	16.87
	16	97.2	11.71	115.9	14.48	124.1	17.06	127.8	17.23	131.3	17.37	137.6	17.52	141.2	17.66
	18	97.2	12.20	115.9	15.32	124.1	17.85	127.8	18.23	131.3	18.38	137.6	18.57	141.2	18.69
	20	97.2	12.73	115.9	16.32	124.1	18.73	127.8	20.06	131.3	20.22	135.7	20.42	139.2	20.56
	21	97.2	13.07	115.9	16.89	124.1	19.13	127.8	21.23	131.3	21.39	134.9	21.61	138.4	21.76
	23	97.2	14.03	115.9	17.76	124.1	20.12	127.8	23.43	129.7	23.61	132.8	23.85	136.5	24.01
	25	97.2	14.98	115.9	18.79	124.1	21.50	126.2	25.98	127.8	26.19	131.3	26.45	134.9	26.63
	27	97.2	16.03	115.9	20.09	122.6	22.91	124.1	28.60	126.2	28.82	129.7	29.11	132.8	29.31
	29	97.2	17.08	115.9	21.47	120.6	24.65	122.4	31.43	124.1	31.62	127.8	31.91	131.3	32.03
	31	97.2	18.23	115.4	22.62	118.6	26.22	120.6	31.30	122.4	31.48	125.7	31.77	129.3	31.89
	33	97.2	19.42	113.5	23.96	117.0	28.12	118.9	31.01	120.6	31.21	124.1	31.48	127.3	31.60
	35	97.2	20.71	111.5	25.10	115.1	30.46	117.0	30.61	118.9	30.80	122.2	31.07	125.7	31.19
	37	97.2	22.08	109.9	26.34	113.5	30.05	115.1	30.21	117.0	30.39	120.2	30.66	123.8	30.78
	39	97.2	23.52	108.0	27.73	111.5	29.66	113.5	29.80	115.1	29.98	118.6	30.25	122.2	30.37
	41	94.8	24.95	103.5	29.11	107.0	29.25	108.6	29.40	110.7	29.57	114.0	29.84	117.2	29.96
	43	92.5	26.31	99.1	28.70	102.6	28.85	104.2	28.99	106.2	29.17	109.6	29.43	112.6	29.54
46	86.6	28.16	90.4	28.11	93.7	28.24	95.2	28.38	97.2	28.56	100.2	28.81	103.1	28.93	
48	76.6	27.38	78.5	27.46	81.5	27.52	82.8	27.59	84.6	27.83	87.3	28.00	89.8	28.11	
120	10	89.9	9.60	107.0	11.76	116.9	13.98	120.5	15.12	124.0	15.35	130.8	15.41	134.0	15.53
	12	89.9	9.86	107.0	12.17	116.9	14.54	120.5	15.43	124.0	15.92	130.8	16.11	134.0	16.24
	14	89.9	10.19	107.0	12.58	116.9	15.13	120.5	16.01	124.0	16.50	130.8	16.74	134.0	16.88
	16	89.9	10.56	107.0	13.09	116.9	15.71	120.5	16.61	124.0	17.26	130.8	17.47	134.0	17.61
	18	89.9	10.97	107.0	13.68	116.9	16.35	120.5	17.49	124.0	18.15	130.8	18.35	134.0	18.50
	20	89.9	11.39	107.0	14.51	116.9	17.23	120.5	18.40	124.0	19.11	130.8	19.36	134.0	19.52
	21	89.9	11.74	107.0	15.03	116.9	17.70	120.5	18.95	124.0	19.74	130.8	19.99	134.0	20.15
	23	89.9	12.55	107.0	16.08	116.9	18.98	120.5	20.13	124.0	21.04	130.8	21.26	134.0	21.42
	25	89.9	13.40	107.0	17.23	116.9	20.01	120.5	21.46	124.0	22.56	129.2	22.76	132.4	22.94
	27	89.9	14.31	107.0	18.42	116.9	21.30	120.5	22.93	124.0	24.25	127.2	24.42	130.4	24.61
	29	89.9	15.27	107.0	19.66	116.9	22.41	120.5	24.54	122.1	25.85	125.2	26.24	128.7	26.45
	31	89.9	16.27	107.0	21.00	116.9	23.57	118.9	26.29	120.5	27.73	123.7	28.22	126.8	28.44
	33	89.9	17.32	107.0	22.38	115.3	24.93	116.9	28.53	118.4	29.77	121.6	30.11	124.8	30.35
	35	89.9	18.42	107.0	23.85	113.4	26.39	114.9	31.43	116.9	31.59	120.0	31.68	123.2	31.94
	37	89.9	19.81	107.0	25.18	111.8	28.14	113.4	30.77	114.9	30.92	118.1	31.01	121.3	31.27
	39	89.9	21.33	106.6	26.60	109.7	29.84	111.3	30.14	112.9	30.29	116.5	30.38	119.7	30.62
	41	87.7	22.85	102.0	28.03	105.4	29.25	106.9	29.51	108.4	29.66	111.6	29.75	114.8	29.98
	43	85.5	24.38	97.7	27.64	101.0	28.60	102.5	28.87	104.0	29.02	107.1	29.11	110.2	29.34
46	80.1	26.22	89.0	26.98	92.3	27.70	93.6	27.93	95.0	28.06	98.0	28.15	100.9	28.37	
48	70.9	25.68	77.3	26.50	80.3	27.15	81.4	27.32	82.7	27.41	85.2	27.52	87.7	27.63	
110	10	82.3	8.63	98.2	10.52	109.6	12.49	112.7	13.52	119.9	14.56	122.7	14.96	131.0	15.21
	12	82.3	8.90	98.2	10.88	109.6	13.02	112.7	13.90	119.9	15.10	122.7	15.59	131.0	15.95
	14	82.3	9.18	98.2	11.36	109.6	13.60	112.7	14.60	119.9	15.86	122.7	16.32	131.0	16.66
	16	82.3	9.51	98.2	11.78	109.6	14.16	112.7	15.24	119.9	16.59	122.7	17.05	131.0	17.35
	18	82.3	9.86	98.2	12.27	109.6	14.98	112.7	16.04	119.9	17.50	122.7	17.85	131.0	18.19
	20	82.3	10.21	98.2	12.88	109.6	15.89	112.7	16.78	119.9	18.35	122.7	18.81	131.0	19.11
	21	82.3	10.44	98.2	13.26	109.6	16.30	112.7	17.23	119.9	18.87	122.7	19.34	131.0	19.65
	23	82.3	11.12	98.2	14.22	109.6	17.21	112.7	18.19	119.9	19.93	122.7	20.36	131.0	20.69
	25	82.3	11.88	98.2	15.18	109.6	18.17	112.7	19.23	119.9	21.06	122.7	21.36	129.4	21.80
	27	82.3	12.69	98.2	16.23	109.6	19.21	112.7	20.36	119.9	22.00	122.7	22.50	127.5	22.88
	29	82.3	13.55	98.2	17.32	109.6	20.30	112.7	21.56	119.9	23.24	122.7	23.64	125.9	24.00
	31	82.3	14.41	98.2	18.46	109.6	21.45	112.7	22.84	118.0	24.43	121.1	24.90	123.8	25.16
	33	82.3	15.36	98.2	19.66	109.6	22.67	112.7	24.20	116.4	25.80	119.1	26.22	122.2	26.36
	35	82.3	16.32	98.2	21.00	109.6	23.93	112.7	25.65	114.3	27.22	117.2	27.47	120.3	27.61
	37	82.3	17.29	98.2	22.29	109.6	25.27	111.2	27.17	112.4	28.71	115.6	28.81	118.3	28.89
	39	82.3	18.64	98.2	23.67	107.7	26.66	109.2	29.06	110.8	30.13	113.5	30.18	116.7	30.21
	41	80.3	20.00	95.6	25.07	103.1	28.11	104.7	31.43	106.0	31.43	109.1	31.68	111.8	31.94
	43	78.2	21.00	93.3	26.12	98.8	29.81	100.4	30.15	101.7	30.08	104.7	30.25	107.3	30.34
46	73.3	20.50	87.4	25.22	90.1	28.29	91.7	28.29	92.8	28.54	95.7	28.70	98.2	28.78	
48	64.9	19.90	76.0	24.29	78.2	26.92	79.7	27.10	80.7	27.23	83.3	27.30	85.4	27.42	

7. Capacity Tables

Cooling Capacity (38HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	71.9	7.78	85.5	9.45	99.6	11.21	106.4	12.11	113.2	13.01	125.6	14.48	128.3	14.60
	12	71.9	8.02	85.5	9.83	99.6	11.59	106.4	12.44	113.2	13.43	125.6	15.27	128.3	15.42
	14	71.9	8.27	85.5	10.23	99.6	12.08	106.4	12.97	113.2	14.01	125.6	16.12	128.3	16.27
	16	71.9	8.52	85.5	10.56	99.6	12.59	106.4	13.59	113.2	14.76	125.6	16.90	128.3	17.14
	18	71.9	8.78	85.5	10.96	99.6	13.08	106.4	14.25	113.2	15.65	125.6	17.85	128.3	17.99
	20	71.9	9.09	85.5	11.37	99.6	13.84	106.4	15.27	113.2	16.74	125.6	18.70	128.3	18.86
	21	71.9	9.28	85.5	11.64	99.6	14.31	106.4	15.79	113.2	17.37	125.6	19.13	128.3	19.28
	23	71.9	9.83	85.5	12.46	99.6	15.36	106.4	16.94	113.2	18.61	125.6	20.04	128.3	20.19
	25	71.9	10.45	85.5	13.26	99.6	16.41	106.4	18.13	113.2	19.90	125.6	20.89	127.3	21.06
	27	71.9	11.17	85.5	14.17	99.6	17.56	106.4	19.37	113.2	21.15	123.2	21.88	125.7	22.05
	29	71.9	11.88	85.5	15.13	99.6	18.75	106.4	20.71	113.2	22.39	120.8	22.76	123.8	22.94
	31	71.9	12.69	85.5	16.12	99.6	19.99	106.4	22.09	113.2	23.52	119.0	23.63	121.9	23.82
	33	71.9	13.46	85.5	17.18	99.6	21.33	106.4	23.57	113.2	24.41	117.1	24.51	120.0	24.71
	35	71.9	14.31	85.5	18.28	99.6	22.71	106.4	25.15	111.5	25.30	115.0	25.39	117.9	25.60
	37	71.9	15.33	85.5	19.60	99.6	24.05	106.4	26.34	109.7	26.47	112.9	26.58	115.6	26.83
	39	71.9	16.44	85.5	21.06	99.6	25.49	106.4	27.63	107.8	27.76	111.0	27.85	113.7	28.12
	41	70.6	17.54	84.1	22.51	98.0	26.93	102.1	28.91	104.3	29.03	106.7	29.14	110.2	29.41
	43	68.2	18.57	81.2	23.87	94.7	28.22	97.9	30.02	99.0	30.13	102.1	30.23	104.8	30.51
46	64.0	19.97	76.2	25.72	88.7	29.93	93.3	31.43	90.4	31.53	93.3	31.62	95.8	31.92	
48	56.5	17.24	67.3	22.26	76.5	25.59	77.7	26.67	78.5	26.76	81.1	26.82	83.3	27.03	
90	10	64.6	6.67	77.1	8.02	89.6	9.46	95.8	10.20	101.8	10.98	114.3	12.29	127.0	13.67
	12	64.6	6.76	77.1	8.15	89.6	9.63	95.8	10.41	101.8	11.22	114.3	12.53	127.0	13.91
	14	64.6	6.88	77.1	8.31	89.6	9.83	95.8	10.61	101.8	11.43	114.3	12.77	127.0	14.18
	16	64.6	7.00	77.1	8.47	89.6	10.03	95.8	10.81	101.8	11.63	114.3	13.01	127.0	14.43
	18	64.6	7.12	77.1	8.64	89.6	10.20	95.8	11.06	101.8	11.88	114.3	13.30	127.0	15.16
	20	64.6	7.25	77.1	8.80	89.6	10.41	95.8	11.27	101.8	12.33	114.3	14.23	127.0	15.88
	21	64.6	7.33	77.1	8.89	89.6	10.61	95.8	11.63	101.8	12.78	114.3	14.47	127.0	16.24
	23	64.6	7.50	77.1	9.25	89.6	11.34	95.8	12.50	101.8	13.68	114.3	15.34	125.2	17.01
	25	64.6	7.87	77.1	9.87	89.6	12.12	95.8	13.35	101.8	14.62	114.3	16.40	123.4	17.74
	27	64.6	8.40	77.1	10.53	89.6	12.95	95.8	14.25	101.8	15.65	114.3	17.44	121.6	18.57
	29	64.6	8.89	77.1	11.22	89.6	13.85	95.8	15.23	101.8	16.71	114.3	18.47	119.7	19.32
	31	64.6	9.46	77.1	11.96	89.6	14.75	95.8	16.22	101.8	17.82	114.3	19.39	118.0	20.07
	33	64.6	10.08	77.1	12.74	89.6	15.73	95.8	17.29	101.8	18.90	114.3	20.33	116.1	20.81
	35	64.6	10.69	77.1	13.52	89.6	16.71	95.8	18.43	101.8	20.04	112.4	21.50	114.3	21.99
	37	64.6	11.34	77.1	14.38	89.6	17.82	95.8	19.58	101.8	21.15	110.6	22.47	112.6	22.98
	39	64.6	12.02	77.1	15.29	89.6	18.85	95.8	20.83	101.8	22.25	108.8	23.69	110.7	23.98
	41	63.0	13.44	75.2	16.96	87.4	20.70	93.3	22.79	99.3	24.02	104.2	24.97	106.1	25.54
	43	61.4	14.51	73.3	18.32	85.2	22.61	91.0	24.54	96.8	25.75	99.9	26.74	101.8	27.06
46	57.5	16.33	68.7	20.86	79.8	25.76	85.3	27.82	87.9	28.60	91.2	29.35	92.9	29.40	
48	50.9	14.27	60.8	18.25	70.6	22.53	75.4	24.27	76.3	24.65	79.3	25.27	80.8	25.30	
80	10	57.3	5.59	68.4	6.70	79.5	7.88	85.2	8.49	90.9	9.11	101.8	10.39	112.9	11.28
	12	57.3	5.70	68.4	6.78	79.5	8.03	85.2	8.65	90.9	9.26	101.8	10.59	112.9	11.51
	14	57.3	5.78	68.4	6.94	79.5	8.15	85.2	8.80	90.9	9.42	101.8	10.78	112.9	11.73
	16	57.3	5.86	68.4	7.05	79.5	8.30	85.2	8.96	90.9	9.61	101.8	11.01	112.9	11.95
	18	57.3	5.97	68.4	7.17	79.5	8.45	85.2	9.11	90.9	9.81	101.8	11.21	112.9	12.21
	20	57.3	6.09	68.4	7.32	79.5	8.65	85.2	9.31	90.9	10.00	101.8	11.63	112.9	12.94
	21	57.3	6.13	68.4	7.41	79.5	8.72	85.2	9.42	90.9	10.24	101.8	12.00	112.9	13.28
	23	57.3	6.24	68.4	7.52	79.5	9.11	85.2	10.00	90.9	10.93	101.8	12.67	112.9	13.94
	25	57.3	6.48	68.4	8.03	79.5	9.77	85.2	10.70	90.9	11.71	101.8	13.56	112.9	14.91
	27	57.3	6.87	68.4	8.53	79.5	10.43	85.2	11.43	90.9	12.49	101.8	14.40	112.9	15.68
	29	57.3	7.29	68.4	9.11	79.5	11.09	85.2	12.17	90.9	13.33	101.8	15.44	112.9	16.78
	31	57.3	7.76	68.4	9.65	79.5	11.82	85.2	12.99	90.9	14.19	101.8	16.38	112.9	17.62
	33	57.3	8.22	68.4	10.32	79.5	12.61	85.2	13.84	90.9	15.12	101.8	17.26	112.9	18.48
	35	57.3	8.72	68.4	10.93	79.5	13.42	85.2	14.73	90.9	16.13	101.8	18.30	111.6	19.15
	37	57.3	9.23	68.4	11.63	79.5	14.23	85.2	15.66	90.9	17.14	101.8	19.31	109.9	20.02
	39	57.3	9.75	68.4	12.29	79.5	15.23	85.2	16.84	90.9	18.42	101.8	20.41	108.0	21.12
	41	55.9	10.79	66.7	13.62	77.4	16.70	83.0	18.45	88.5	20.23	99.3	22.71	103.5	23.41
	43	54.5	11.87	65.0	14.87	75.5	18.24	80.9	20.12	86.3	22.11	96.8	24.30	99.3	25.05
46	51.1	13.21	60.9	16.74	70.8	20.55	75.8	22.39	80.9	24.96	88.5	26.53	90.6	26.95	
48	45.3	11.54	53.9	14.64	62.6	17.97	67.1	19.55	71.6	21.84	76.8	22.96	78.7	23.20	

7. Capacity Tables

Cooling Capacity (38HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	50.2	4.89	60.0	5.82	69.5	6.74	74.4	7.28	79.5	7.78	89.0	8.87	98.8	9.91
	12	50.2	4.97	60.0	5.89	69.5	6.90	74.4	7.40	79.5	7.94	89.0	9.02	98.8	10.10
	14	50.2	5.05	60.0	5.97	69.5	7.01	74.4	7.51	79.5	8.05	89.0	9.21	98.8	10.29
	16	50.2	5.12	60.0	6.09	69.5	7.13	74.4	7.67	79.5	8.20	89.0	9.36	98.8	10.51
	18	50.2	5.20	60.0	6.21	69.5	7.28	74.4	7.82	79.5	8.37	89.0	9.52	98.8	10.69
	20	50.2	5.28	60.0	6.32	69.5	7.40	74.4	7.98	79.5	8.55	89.0	9.75	98.8	11.10
	21	50.2	5.36	60.0	6.36	69.5	7.48	74.4	8.05	79.5	8.63	89.0	9.91	98.8	11.33
	23	50.2	5.44	60.0	6.51	69.5	7.63	74.4	8.32	79.5	9.06	89.0	10.60	98.8	11.96
	25	50.2	5.51	60.0	6.74	69.5	8.13	74.4	8.90	79.5	9.67	89.0	11.33	98.8	12.55
	27	50.2	5.82	60.0	7.21	69.5	8.67	74.4	9.44	79.5	10.33	89.0	12.10	98.8	13.34
	29	50.2	6.21	60.0	7.63	69.5	9.21	74.4	10.06	79.5	10.98	89.0	12.91	98.8	14.29
	31	50.2	6.59	60.0	8.13	69.5	9.83	74.4	10.75	79.5	11.72	89.0	13.76	98.8	15.16
	33	50.2	6.98	60.0	8.59	69.5	10.44	74.4	11.41	79.5	12.45	89.0	14.64	98.8	16.13
	35	50.2	7.36	60.0	9.17	69.5	11.10	74.4	12.14	79.5	13.26	89.0	15.60	98.8	17.11
	37	50.2	7.82	60.0	9.71	69.5	11.80	74.4	12.91	79.5	14.11	89.0	16.61	98.8	18.06
	39	50.2	8.31	60.0	10.36	69.5	12.61	74.4	13.89	79.5	15.24	89.0	17.78	98.8	19.47
	41	48.9	9.18	58.5	11.35	67.8	13.83	72.5	15.24	77.4	16.57	86.6	19.53	96.3	21.01
	43	47.7	10.00	57.0	12.37	66.0	15.09	70.8	16.61	75.5	18.08	84.5	21.33	93.9	22.70
46	44.7	11.10	53.5	13.91	61.9	16.99	66.3	18.50	70.8	20.39	79.2	24.06	88.0	25.31	
48	39.6	9.70	47.3	12.15	54.8	14.86	58.7	16.17	62.6	17.84	70.0	21.05	77.9	21.90	
60	10	42.9	4.21	51.3	4.94	59.7	5.74	63.8	6.17	68.1	6.55	76.3	7.44	84.7	8.31
	12	42.9	4.29	51.3	5.02	59.7	5.82	63.8	6.24	68.1	6.66	76.3	7.54	84.7	8.47
	14	42.9	4.33	51.3	5.09	59.7	5.94	63.8	6.36	68.1	6.78	76.3	7.70	84.7	8.62
	16	42.9	4.41	51.3	5.21	59.7	6.01	63.8	6.47	68.1	6.94	76.3	7.85	84.7	8.77
	18	42.9	4.48	51.3	5.29	59.7	6.13	63.8	6.59	68.1	7.04	76.3	7.97	84.7	8.97
	20	42.9	4.56	51.3	5.36	59.7	6.24	63.8	6.70	68.1	7.16	76.3	8.12	84.7	9.15
	21	42.9	4.59	51.3	5.41	59.7	6.32	63.8	6.78	68.1	7.24	76.3	8.24	84.7	9.23
	23	42.9	4.67	51.3	5.51	59.7	6.39	63.8	6.89	68.1	7.39	76.3	8.54	84.7	9.80
	25	42.9	4.75	51.3	5.63	59.7	6.66	63.8	7.24	68.1	7.85	76.3	9.12	84.7	10.50
	27	42.9	4.91	51.3	5.94	59.7	7.09	63.8	7.70	68.1	8.35	76.3	9.69	84.7	11.18
	29	42.9	5.21	51.3	6.32	59.7	7.54	63.8	8.20	68.1	8.89	76.3	10.34	84.7	11.95
	31	42.9	5.51	51.3	6.70	59.7	8.00	63.8	8.73	68.1	9.46	76.3	11.03	84.7	12.71
	33	42.9	5.82	51.3	7.09	59.7	8.50	63.8	9.27	68.1	10.07	76.3	11.72	84.7	13.56
	35	42.9	6.17	51.3	7.54	59.7	9.04	63.8	9.85	68.1	10.68	76.3	12.48	84.7	14.40
	37	42.9	6.51	51.3	7.97	59.7	9.57	63.8	10.45	68.1	11.33	76.3	13.25	84.7	15.32
	39	42.9	6.92	51.3	8.48	59.7	10.33	63.8	11.22	68.1	12.20	76.3	14.21	84.7	16.42
	41	41.8	7.51	50.0	9.27	58.1	11.22	62.2	12.25	66.3	13.24	74.4	15.59	82.6	17.84
	43	40.8	8.16	48.8	10.10	56.7	12.24	60.7	13.36	64.6	14.44	72.5	17.02	80.6	19.48
46	38.3	9.14	45.7	11.34	53.2	13.76	56.8	15.01	60.6	16.25	68.1	19.18	75.5	22.20	
48	33.9	7.97	40.4	9.89	47.0	12.03	50.3	13.12	53.5	14.20	60.2	16.77	66.8	19.42	
50	10	35.9	3.62	42.9	4.19	49.7	4.76	53.2	5.10	56.7	5.41	63.5	6.09	70.6	6.78
	12	35.9	3.66	42.9	4.22	49.7	4.83	53.2	5.18	56.7	5.52	63.5	6.20	70.6	6.89
	14	35.9	3.69	42.9	4.30	49.7	4.91	53.2	5.26	56.7	5.59	63.5	6.28	70.6	7.00
	16	35.9	3.77	42.9	4.38	49.7	4.98	53.2	5.36	56.7	5.67	63.5	6.40	70.6	7.12
	18	35.9	3.81	42.9	4.42	49.7	5.06	53.2	5.44	56.7	5.79	63.5	6.50	70.6	7.27
	20	35.9	3.84	42.9	4.49	49.7	5.18	53.2	5.52	56.7	5.90	63.5	6.62	70.6	7.43
	21	35.9	3.89	42.9	4.53	49.7	5.21	53.2	5.59	56.7	5.94	63.5	6.70	70.6	7.50
	23	35.9	3.96	42.9	4.60	49.7	5.29	53.2	5.67	56.7	6.05	63.5	6.82	70.6	7.65
	25	35.9	4.00	42.9	4.68	49.7	5.41	53.2	5.79	56.7	6.24	63.5	7.16	70.6	8.19
	27	35.9	4.07	42.9	4.83	49.7	5.71	53.2	6.17	56.7	6.62	63.5	7.65	70.6	8.72
	29	35.9	4.30	42.9	5.14	49.7	6.05	53.2	6.55	56.7	7.05	63.5	8.11	70.6	9.25
	31	35.9	4.53	42.9	5.44	49.7	6.43	53.2	6.93	56.7	7.50	63.5	8.64	70.6	9.86
	33	35.9	4.80	42.9	5.74	49.7	6.82	53.2	7.35	56.7	7.96	63.5	9.17	70.6	10.51
	35	35.9	5.06	42.9	6.09	49.7	7.20	53.2	7.81	56.7	8.41	63.5	9.71	70.6	11.15
	37	35.9	5.36	42.9	6.43	49.7	7.61	53.2	8.26	56.7	8.90	63.5	10.36	70.6	11.84
	39	35.9	5.73	42.9	6.90	49.7	8.16	53.2	8.89	56.7	9.56	63.5	11.03	70.6	12.79
	41	35.0	6.20	41.8	7.46	48.5	8.92	51.8	9.63	55.1	10.36	61.9	12.09	68.9	13.89
	43	34.2	6.73	40.8	8.11	47.3	9.71	50.5	10.48	53.8	11.27	60.3	13.18	67.1	15.15
46	32.0	7.54	38.3	9.10	44.3	10.89	47.4	11.77	50.4	12.66	56.5	14.83	63.0	17.06	
48	28.3	6.56	33.9	7.94	39.2	9.50	41.9	10.28	44.6	11.04	50.0	12.96	55.7	14.90	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM400BTE5

Cooling Capacity (40HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	102.4	11.53	122.0	14.09	130.7	16.34	134.5	16.68	138.2	16.81	144.8	16.94	148.6	17.01
	12	102.4	11.81	122.0	14.59	130.7	17.01	134.5	17.12	138.2	17.26	144.8	17.40	148.6	17.55
	14	102.4	12.21	122.0	15.12	130.7	17.65	134.5	17.78	138.2	17.93	144.8	18.06	148.6	18.23
	16	102.4	12.66	122.0	15.65	130.7	18.44	134.5	18.62	138.2	18.77	144.8	18.93	148.6	19.08
	18	102.4	13.18	122.0	16.55	130.7	19.29	134.5	19.70	138.2	19.87	144.8	20.06	148.6	20.20
	20	102.4	13.76	122.0	17.63	130.7	20.24	134.5	21.67	138.2	21.85	142.8	22.07	146.5	22.22
	21	102.4	14.12	122.0	18.26	130.7	20.67	134.5	22.94	138.2	23.12	142.0	23.35	145.7	23.51
	23	102.4	15.16	122.0	19.20	130.7	21.74	134.5	25.32	136.5	25.51	139.8	25.77	143.6	25.94
	25	102.4	16.19	122.0	20.31	130.7	23.23	132.8	28.07	134.5	28.30	138.2	28.58	142.0	28.78
	27	102.4	17.32	122.0	21.71	129.0	24.76	130.7	30.90	132.8	31.15	136.5	31.46	139.8	31.67
	29	102.4	18.46	122.0	23.20	127.0	26.63	128.8	33.97	130.7	34.17	134.5	34.48	138.2	34.61
	31	102.4	19.70	121.5	24.45	124.8	28.33	127.0	33.82	128.8	34.02	132.3	34.33	136.1	34.46
	33	102.4	20.98	119.5	25.90	123.2	30.39	125.2	33.51	127.0	33.72	130.7	34.02	134.0	34.15
	35	102.4	22.38	117.3	27.12	121.1	32.92	123.2	33.08	125.2	33.28	128.6	33.57	132.3	33.71
	37	102.4	23.86	115.7	28.47	119.5	32.48	121.1	32.64	123.2	32.84	126.5	33.13	130.3	33.26
	39	102.4	25.41	113.7	29.96	117.3	32.05	119.5	32.20	121.1	32.39	124.8	32.69	128.6	32.82
	41	99.8	26.96	109.0	31.46	112.6	31.61	114.3	31.77	116.5	31.95	120.0	32.24	123.3	32.37
	43	97.3	28.43	104.4	31.02	108.0	31.18	109.7	31.33	111.8	31.52	115.3	31.80	118.5	31.92
46	91.2	30.43	95.2	30.37	98.7	30.52	100.2	30.67	102.3	30.86	105.5	31.13	108.5	31.26	
48	80.7	29.58	82.7	29.67	85.8	29.73	87.2	29.82	89.0	30.08	91.8	30.26	94.5	30.38	
120	10	94.7	10.37	112.6	12.71	123.0	15.11	126.8	16.33	130.5	16.58	137.7	16.65	141.0	16.78
	12	94.7	10.65	112.6	13.15	123.0	15.71	126.8	16.68	130.5	17.20	137.7	17.41	141.0	17.55
	14	94.7	11.02	112.6	13.59	123.0	16.35	126.8	17.31	130.5	17.83	137.7	18.09	141.0	18.24
	16	94.7	11.41	112.6	14.15	123.0	16.98	126.8	17.95	130.5	18.65	137.7	18.88	141.0	19.03
	18	94.7	11.86	112.6	14.78	123.0	17.66	126.8	18.90	130.5	19.62	137.7	19.83	141.0	20.00
	20	94.7	12.31	112.6	15.68	123.0	18.62	126.8	19.88	130.5	20.65	137.7	20.92	141.0	21.09
	21	94.7	12.69	112.6	16.24	123.0	19.13	126.8	20.47	130.5	21.33	137.7	21.60	141.0	21.77
	23	94.7	13.56	112.6	17.37	123.0	20.51	126.8	21.75	130.5	22.74	137.7	22.97	141.0	23.15
	25	94.7	14.48	112.6	18.62	123.0	21.62	126.8	23.19	130.5	24.38	136.0	24.59	139.3	24.79
	27	94.7	15.47	112.6	19.90	123.0	23.02	126.8	24.78	130.5	26.21	133.9	26.38	137.3	26.60
	29	94.7	16.50	112.6	21.24	123.0	24.22	126.8	26.52	128.5	27.93	131.8	28.35	135.5	28.58
	31	94.7	17.58	112.6	22.69	123.0	25.47	125.2	28.40	126.8	29.96	130.2	30.49	133.5	30.74
	33	94.7	18.72	112.6	24.18	121.4	26.94	123.0	30.83	124.7	32.17	128.0	32.54	131.4	32.80
	35	94.7	19.90	112.6	25.78	119.3	28.52	121.0	33.97	123.0	34.13	126.4	34.23	129.7	34.51
	37	94.7	21.41	112.6	27.20	117.6	30.41	119.3	33.25	121.0	33.41	124.3	33.51	127.7	33.79
	39	94.7	23.05	112.2	28.75	115.5	32.25	117.2	32.57	118.8	32.74	122.7	32.83	126.0	33.09
	41	92.3	24.69	107.3	30.29	111.0	31.61	112.5	31.88	114.2	32.05	117.5	32.14	120.8	32.39
	43	90.0	26.35	102.8	29.87	106.3	30.90	107.9	31.20	109.5	31.36	112.7	31.46	116.0	31.70
46	84.3	28.34	93.7	29.16	97.2	29.93	98.5	30.18	100.0	30.33	103.1	30.42	106.2	30.66	
48	74.6	27.75	81.4	28.63	84.5	29.34	85.7	29.52	87.0	29.62	89.7	29.74	92.4	29.86	
110	10	86.7	9.33	103.3	11.36	115.4	13.50	118.7	14.61	126.2	15.73	129.2	16.17	137.8	16.44
	12	86.7	9.62	103.3	11.75	115.4	14.07	118.7	15.03	126.2	16.32	129.2	16.85	137.8	17.24
	14	86.7	9.92	103.3	12.28	115.4	14.70	118.7	15.78	126.2	17.14	129.2	17.63	137.8	18.01
	16	86.7	10.28	103.3	12.73	115.4	15.31	118.7	16.47	126.2	17.93	129.2	18.42	137.8	18.75
	18	86.7	10.65	103.3	13.26	115.4	16.19	118.7	17.34	126.2	18.92	129.2	19.29	137.8	19.65
	20	86.7	11.03	103.3	13.92	115.4	17.17	118.7	18.13	126.2	19.83	129.2	20.33	137.8	20.65
	21	86.7	11.28	103.3	14.33	115.4	17.61	118.7	18.62	126.2	20.39	129.2	20.90	137.8	21.23
	23	86.7	12.02	103.3	15.37	115.4	18.60	118.7	19.65	126.2	21.54	129.2	22.00	137.8	22.36
	25	86.7	12.84	103.3	16.40	115.4	19.64	118.7	20.78	126.2	22.76	129.2	23.08	137.8	23.56
	27	86.7	13.71	103.3	17.53	115.4	20.75	118.7	22.00	126.2	23.77	129.2	24.31	134.2	24.73
	29	86.7	14.64	103.3	18.72	115.4	21.94	118.7	23.30	126.2	25.12	129.2	25.55	132.5	25.94
	31	86.7	15.57	103.3	19.95	115.4	23.18	118.7	24.68	124.2	26.40	127.5	26.91	130.4	27.19
	33	86.7	16.60	103.3	21.24	115.4	24.49	118.7	26.15	122.5	27.88	125.4	28.34	128.7	28.49
	35	86.7	17.63	103.3	22.69	115.4	25.86	118.7	27.71	120.4	29.42	123.3	29.69	126.7	29.83
	37	86.7	18.69	103.3	24.08	115.4	27.30	117.0	29.36	118.3	31.03	121.7	31.13	124.5	31.21
	39	86.7	20.15	103.3	25.58	113.3	28.81	115.0	31.41	116.7	32.56	119.5	32.61	122.9	32.64
	41	84.5	21.61	100.7	27.09	108.5	30.38	110.2	33.97	111.5	33.97	114.8	34.23	117.7	34.51
	43	82.3	22.69	98.2	28.23	104.0	32.22	105.7	32.58	107.0	32.51	110.2	32.69	113.0	32.79
46	77.2	22.15	92.0	27.25	94.8	30.57	96.5	30.57	97.7	30.84	100.7	31.01	103.3	31.10	
48	68.3	21.51	80.0	26.25	82.3	29.09	83.8	29.29	85.0	29.42	87.6	29.51	89.9	29.63	

7. Capacity Tables

Cooling Capacity (40HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	75.6	8.40	90.0	10.21	104.8	12.11	112.0	13.09	119.2	14.06	132.2	15.65	135.0	15.78
	12	75.6	8.67	90.0	10.62	104.8	12.52	112.0	13.44	119.2	14.51	132.2	16.50	135.0	16.66
	14	75.6	8.93	90.0	11.05	104.8	13.05	112.0	14.02	119.2	15.14	132.2	17.42	135.0	17.58
	16	75.6	9.21	90.0	11.41	104.8	13.61	112.0	14.68	119.2	15.95	132.2	18.26	135.0	18.52
	18	75.6	9.49	90.0	11.84	104.8	14.13	112.0	15.40	119.2	16.91	132.2	19.29	135.0	19.44
	20	75.6	9.82	90.0	12.28	104.8	14.96	112.0	16.50	119.2	18.09	132.2	20.21	135.0	20.38
	21	75.6	10.03	90.0	12.58	104.8	15.47	112.0	17.06	119.2	18.77	132.2	20.67	135.0	20.84
	23	75.6	10.62	90.0	13.46	104.8	16.60	112.0	18.31	119.2	20.11	132.2	21.65	135.0	21.82
	25	75.6	11.29	90.0	14.33	104.8	17.73	112.0	19.59	119.2	21.51	132.2	22.57	134.0	22.76
	27	75.6	12.07	90.0	15.32	104.8	18.98	112.0	20.93	119.2	22.86	129.6	23.64	132.3	23.82
	29	75.6	12.84	90.0	16.35	104.8	20.26	112.0	22.38	119.2	24.20	127.2	24.59	130.3	24.79
	31	75.6	13.71	90.0	17.42	104.8	21.61	112.0	23.87	119.2	25.42	125.3	25.53	128.3	25.74
	33	75.6	14.54	90.0	18.57	104.8	23.05	112.0	25.47	119.2	26.38	123.3	26.49	126.3	26.70
	35	75.6	15.47	90.0	19.75	104.8	24.54	112.0	27.17	117.4	27.34	121.0	27.44	124.1	27.66
	37	75.6	16.57	90.0	21.18	104.8	25.99	112.0	28.47	115.5	28.60	118.8	28.72	121.6	28.99
	39	75.6	17.76	90.0	22.75	104.8	27.55	112.0	29.86	113.5	29.99	116.8	30.10	119.6	30.39
	41	74.4	18.95	88.5	24.33	103.2	29.10	107.5	31.25	109.8	31.37	112.4	31.49	116.0	31.78
	43	71.8	20.06	85.5	25.79	99.6	30.49	103.0	32.44	104.2	32.56	107.5	32.67	110.3	32.97
46	67.3	21.58	80.2	27.80	93.3	32.34	94.0	33.97	95.1	34.07	98.2	34.17	100.8	34.99	
48	59.5	18.63	70.9	24.05	80.5	27.65	81.8	28.82	82.6	28.91	85.3	28.98	87.7	29.21	
90	10	68.0	7.19	81.2	8.65	94.4	10.20	100.8	10.99	107.2	11.83	120.4	13.24	133.6	14.73
	12	68.0	7.29	81.2	8.79	94.4	10.38	100.8	11.22	107.2	12.10	120.4	13.50	133.6	14.99
	14	68.0	7.42	81.2	8.96	94.4	10.59	100.8	11.43	107.2	12.32	120.4	13.76	133.6	15.29
	16	68.0	7.55	81.2	9.13	94.4	10.82	100.8	11.66	107.2	12.53	120.4	14.02	133.6	15.56
	18	68.0	7.68	81.2	9.31	94.4	10.99	100.8	11.92	107.2	12.81	120.4	14.33	133.6	16.34
	20	68.0	7.82	81.2	9.49	94.4	11.22	100.8	12.14	107.2	13.29	120.4	15.34	133.6	17.12
	21	68.0	7.90	81.2	9.58	94.4	11.43	100.8	12.53	107.2	13.78	120.4	15.59	133.6	17.51
	23	68.0	8.08	81.2	9.98	94.4	12.23	100.8	13.47	107.2	14.75	120.4	16.53	131.8	18.33
	25	68.0	8.48	81.2	10.64	94.4	13.07	100.8	14.39	107.2	15.76	120.4	17.68	129.8	19.12
	27	68.0	9.05	81.2	11.35	94.4	13.95	100.8	15.37	107.2	16.87	120.4	18.80	128.0	20.01
	29	68.0	9.58	81.2	12.10	94.4	14.93	100.8	16.42	107.2	18.01	120.4	19.91	126.0	20.82
	31	68.0	10.20	81.2	12.89	94.4	15.90	100.8	17.49	107.2	19.20	120.4	20.90	124.2	21.63
	33	68.0	10.86	81.2	13.73	94.4	16.95	100.8	18.63	107.2	20.37	120.4	21.91	122.2	22.43
	35	68.0	11.53	81.2	14.57	94.4	18.01	100.8	19.87	107.2	21.60	118.3	23.17	120.3	23.70
	37	68.0	12.23	81.2	15.50	94.4	19.20	100.8	21.10	107.2	22.80	116.5	24.22	118.5	24.77
	39	68.0	12.95	81.2	16.48	94.4	20.32	100.8	22.46	107.2	23.98	114.5	25.54	116.5	25.84
	41	66.3	14.49	79.1	18.28	92.0	22.31	98.2	24.56	104.5	25.89	109.7	26.91	111.7	27.53
	43	64.6	15.64	77.2	19.75	89.7	24.37	95.8	26.45	101.8	27.75	105.2	28.82	107.2	29.16
46	60.5	17.60	72.3	22.49	84.0	27.77	89.8	29.99	92.5	30.83	96.0	31.64	97.8	31.68	
48	53.5	15.38	64.0	19.67	74.3	24.29	79.4	26.16	80.4	26.57	83.5	27.23	85.0	27.27	
80	10	60.4	6.02	72.0	7.23	83.6	8.49	89.6	9.16	95.6	9.83	107.2	11.21	118.8	12.17
	12	60.4	6.14	72.0	7.31	83.6	8.66	89.6	9.32	95.6	9.99	107.2	11.42	118.8	12.41
	14	60.4	6.23	72.0	7.49	83.6	8.78	89.6	9.49	95.6	10.15	107.2	11.63	118.8	12.65
	16	60.4	6.32	72.0	7.60	83.6	8.95	89.6	9.66	95.6	10.37	107.2	11.87	118.8	12.88
	18	60.4	6.43	72.0	7.73	83.6	9.11	89.6	9.83	95.6	10.58	107.2	12.08	118.8	13.17
	20	60.4	6.56	72.0	7.90	83.6	9.32	89.6	10.04	95.6	10.79	107.2	12.54	118.8	13.95
	21	60.4	6.61	72.0	7.99	83.6	9.41	89.6	10.15	95.6	11.04	107.2	12.94	118.8	14.32
	23	60.4	6.73	72.0	8.11	83.6	9.83	89.6	10.79	95.6	11.79	107.2	13.66	118.8	15.03
	25	60.4	6.98	72.0	8.66	83.6	10.54	89.6	11.54	95.6	12.62	107.2	14.62	118.8	16.08
	27	60.4	7.40	72.0	9.20	83.6	11.24	89.6	12.33	95.6	13.46	107.2	15.53	118.8	16.91
	29	60.4	7.86	72.0	9.83	83.6	11.96	89.6	13.13	95.6	14.38	107.2	16.65	118.8	18.10
	31	60.4	8.36	72.0	10.41	83.6	12.75	89.6	14.00	95.6	15.30	107.2	17.66	118.8	19.00
	33	60.4	8.87	72.0	11.12	83.6	13.59	89.6	14.93	95.6	16.31	107.2	18.61	118.8	19.93
	35	60.4	9.41	72.0	11.79	83.6	14.47	89.6	15.89	95.6	17.40	107.2	19.73	117.5	20.65
	37	60.4	9.95	72.0	12.54	83.6	15.35	89.6	16.89	95.6	18.48	107.2	20.82	115.7	21.59
	39	60.4	10.51	72.0	13.25	83.6	16.42	89.6	18.16	95.6	19.86	107.2	22.01	113.7	22.77
	41	58.8	11.63	70.2	14.68	81.5	18.01	87.3	19.90	93.2	21.82	104.5	24.49	109.0	25.24
	43	57.4	12.80	68.5	16.03	79.5	19.67	85.2	21.70	90.8	23.85	101.8	26.20	104.5	27.02
46	53.8	14.25	64.1	18.05	74.5	22.16	79.8	24.14	85.2	26.91	93.2	28.60	95.3	29.06	
48	47.6	12.44	56.7	15.79	65.8	19.38	70.6	21.09	75.3	23.55	80.9	24.76	82.8	25.02	

7. Capacity Tables

Cooling Capacity (40HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	52.8	5.28	63.2	6.28	73.2	7.27	78.4	7.86	83.6	8.39	93.6	9.56	104.0	10.69
	12	52.8	5.36	63.2	6.36	73.2	7.44	78.4	7.98	83.6	8.57	93.6	9.73	104.0	10.90
	14	52.8	5.44	63.2	6.44	73.2	7.56	78.4	8.10	83.6	8.69	93.6	9.94	104.0	11.10
	16	52.8	5.53	63.2	6.57	73.2	7.69	78.4	8.28	83.6	8.85	93.6	10.10	104.0	11.34
	18	52.8	5.61	63.2	6.70	73.2	7.86	78.4	8.44	83.6	9.03	93.6	10.27	104.0	11.54
	20	52.8	5.70	63.2	6.81	73.2	7.98	78.4	8.60	83.6	9.23	93.6	10.51	104.0	11.98
	21	52.8	5.78	63.2	6.86	73.2	8.07	78.4	8.69	83.6	9.31	93.6	10.69	104.0	12.22
	23	52.8	5.86	63.2	7.02	73.2	8.23	78.4	8.98	83.6	9.77	93.6	11.44	104.0	12.91
	25	52.8	5.95	63.2	7.27	73.2	8.77	78.4	9.60	83.6	10.43	93.6	12.22	104.0	13.54
	27	52.8	6.28	63.2	7.77	73.2	9.35	78.4	10.19	83.6	11.14	93.6	13.05	104.0	14.39
	29	52.8	6.70	63.2	8.23	73.2	9.94	78.4	10.85	83.6	11.85	93.6	13.93	104.0	15.41
	31	52.8	7.11	63.2	8.77	73.2	10.61	78.4	11.60	83.6	12.64	93.6	14.84	104.0	16.36
	33	52.8	7.53	63.2	9.27	73.2	11.26	78.4	12.30	83.6	13.43	93.6	15.79	104.0	17.41
	35	52.8	7.94	63.2	9.89	73.2	11.98	78.4	13.10	83.6	14.31	93.6	16.83	104.0	18.46
	37	52.8	8.44	63.2	10.48	73.2	12.72	78.4	13.93	83.6	15.22	93.6	17.92	104.0	19.49
	39	52.8	8.96	63.2	11.18	73.2	13.61	78.4	14.99	83.6	16.44	93.6	19.18	104.0	21.00
	41	51.5	9.91	61.5	12.24	71.3	14.92	76.4	16.44	81.5	17.87	91.2	21.07	101.3	22.66
	43	50.2	10.79	60.0	13.34	69.5	16.28	74.5	17.92	79.5	19.51	89.0	23.01	98.8	24.49
46	47.0	11.98	56.3	15.01	65.2	18.33	69.8	19.96	74.5	22.00	83.3	25.96	92.6	27.31	
48	41.6	10.46	49.8	13.10	57.7	16.03	61.8	17.45	65.8	19.24	73.7	22.71	82.0	23.63	
60	10	45.2	4.55	54.0	5.33	62.8	6.20	67.2	6.65	71.6	7.07	80.4	8.02	89.2	8.97
	12	45.2	4.63	54.0	5.41	62.8	6.28	67.2	6.74	71.6	7.19	80.4	8.14	89.2	9.14
	14	45.2	4.67	54.0	5.50	62.8	6.41	67.2	6.86	71.6	7.32	80.4	8.31	89.2	9.30
	16	45.2	4.76	54.0	5.62	62.8	6.49	67.2	6.98	71.6	7.49	80.4	8.47	89.2	9.47
	18	45.2	4.84	54.0	5.71	62.8	6.62	67.2	7.11	71.6	7.60	80.4	8.60	89.2	9.68
	20	45.2	4.92	54.0	5.79	62.8	6.74	67.2	7.23	71.6	7.73	80.4	8.76	89.2	9.88
	21	45.2	4.96	54.0	5.83	62.8	6.82	67.2	7.32	71.6	7.81	80.4	8.89	89.2	9.96
	23	45.2	5.04	54.0	5.95	62.8	6.90	67.2	7.44	71.6	7.98	80.4	9.22	89.2	10.58
	25	45.2	5.13	54.0	6.08	62.8	7.19	67.2	7.81	71.6	8.47	80.4	9.84	89.2	11.33
	27	45.2	5.29	54.0	6.41	62.8	7.65	67.2	8.31	71.6	9.01	80.4	10.46	89.2	12.07
	29	45.2	5.62	54.0	6.82	62.8	8.14	67.2	8.85	71.6	9.59	80.4	11.16	89.2	12.90
	31	45.2	5.95	54.0	7.23	62.8	8.64	67.2	9.42	71.6	10.22	80.4	11.90	89.2	13.72
	33	45.2	6.28	54.0	7.65	62.8	9.17	67.2	10.00	71.6	10.87	80.4	12.65	89.2	14.63
	35	45.2	6.65	54.0	8.14	62.8	9.76	67.2	10.63	71.6	11.53	80.4	13.47	89.2	15.55
	37	45.2	7.03	54.0	8.60	62.8	10.33	67.2	11.28	71.6	12.23	80.4	14.30	89.2	16.53
	39	45.2	7.47	54.0	9.15	62.8	11.15	67.2	12.11	71.6	13.16	80.4	15.34	89.2	17.72
	41	44.0	8.11	52.6	10.01	61.2	12.11	65.5	13.23	69.8	14.29	78.3	16.83	87.0	19.26
	43	43.0	8.81	51.3	10.90	59.7	13.21	63.8	14.42	68.0	15.58	76.4	18.37	84.8	21.03
46	40.3	9.86	48.1	12.24	56.0	14.85	59.8	16.20	63.8	17.54	71.6	20.70	79.5	23.97	
48	35.6	8.60	42.5	10.68	49.5	12.98	53.0	14.16	56.4	15.32	63.3	18.10	70.3	20.96	
50	10	37.8	3.90	45.2	4.52	52.4	5.14	56.0	5.51	59.6	5.84	66.8	6.58	74.4	7.32
	12	37.8	3.95	45.2	4.56	52.4	5.22	56.0	5.59	59.6	5.96	66.8	6.70	74.4	7.44
	14	37.8	3.99	45.2	4.64	52.4	5.30	56.0	5.67	59.6	6.04	66.8	6.78	74.4	7.56
	16	37.8	4.07	45.2	4.73	52.4	5.38	56.0	5.79	59.6	6.12	66.8	6.91	74.4	7.69
	18	37.8	4.11	45.2	4.77	52.4	5.46	56.0	5.87	59.6	6.25	66.8	7.02	74.4	7.85
	20	37.8	4.15	45.2	4.85	52.4	5.59	56.0	5.96	59.6	6.37	66.8	7.15	74.4	8.02
	21	37.8	4.20	45.2	4.89	52.4	5.63	56.0	6.04	59.6	6.41	66.8	7.23	74.4	8.10
	23	37.8	4.28	45.2	4.97	52.4	5.71	56.0	6.12	59.6	6.53	66.8	7.36	74.4	8.26
	25	37.8	4.31	45.2	5.05	52.4	5.84	56.0	6.25	59.6	6.74	66.8	7.73	74.4	8.84
	27	37.8	4.40	45.2	5.22	52.4	6.17	56.0	6.66	59.6	7.15	66.8	8.26	74.4	9.41
	29	37.8	4.64	45.2	5.55	52.4	6.53	56.0	7.07	59.6	7.61	66.8	8.76	74.4	9.99
	31	37.8	4.89	45.2	5.87	52.4	6.94	56.0	7.48	59.6	8.10	66.8	9.33	74.4	10.65
	33	37.8	5.18	45.2	6.20	52.4	7.36	56.0	7.94	59.6	8.59	66.8	9.91	74.4	11.35
	35	37.8	5.46	45.2	6.58	52.4	7.77	56.0	8.43	59.6	9.09	66.8	10.48	74.4	12.04
	37	37.8	5.79	45.2	6.94	52.4	8.22	56.0	8.92	59.6	9.61	66.8	11.18	74.4	12.78
	39	37.8	6.18	45.2	7.45	52.4	8.81	56.0	9.60	59.6	10.32	66.8	11.91	74.4	13.81
	41	36.8	6.69	44.0	8.06	51.0	9.63	54.5	10.40	58.0	11.18	65.1	13.06	72.5	14.99
	43	36.0	7.27	43.0	8.76	49.8	10.48	53.2	11.32	56.7	12.17	63.5	14.24	70.7	16.35
46	33.7	8.14	40.3	9.83	46.7	11.76	49.8	12.71	53.0	13.67	59.5	16.01	66.3	18.42	
48	29.8	7.09	35.6	8.58	41.3	10.25	44.1	11.10	47.0	11.93	52.7	13.99	58.6	16.09	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM420BTE5

Cooling Capacity (42HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	107.5	11.19	128.1	13.67	137.2	15.86	141.2	16.19	145.1	16.31	152.1	16.44	156.1	16.51
	12	107.5	11.46	128.1	14.16	137.2	16.51	141.2	16.62	145.1	16.75	152.1	16.89	156.1	17.03
	14	107.5	11.85	128.1	14.67	137.2	17.13	141.2	17.26	145.1	17.40	152.1	17.53	156.1	17.69
	16	107.5	12.28	128.1	15.18	137.2	17.90	141.2	18.07	145.1	18.21	152.1	18.37	156.1	18.52
	18	107.5	12.80	128.1	16.06	137.2	18.72	141.2	19.12	145.1	19.28	152.1	19.47	156.1	19.60
	20	107.5	13.36	128.1	17.11	137.2	19.65	141.2	21.03	145.1	21.21	149.9	21.42	153.8	21.56
	21	107.5	13.71	128.1	17.72	137.2	20.06	141.2	22.26	145.1	22.44	149.1	22.66	153.0	22.82
	23	107.5	14.71	128.1	18.63	137.2	21.10	141.2	24.57	143.3	24.76	146.8	25.01	150.8	25.18
	25	107.5	15.71	128.1	19.71	137.2	22.55	139.5	27.25	141.2	27.47	145.1	27.74	149.1	27.93
	27	107.5	16.81	128.1	21.06	135.5	24.03	137.2	29.99	139.5	30.23	143.3	30.53	146.8	30.74
	29	107.5	17.91	128.1	22.52	133.3	25.85	135.3	32.97	137.2	33.16	141.2	33.46	145.1	33.59
	31	107.5	19.12	127.6	23.72	131.1	27.50	133.3	32.82	135.3	33.02	139.0	33.32	142.9	33.45
	33	107.5	20.36	125.5	25.13	129.3	29.49	131.4	32.52	133.3	32.72	137.2	33.01	140.7	33.14
	35	107.5	21.72	123.2	26.32	127.2	31.94	129.3	32.10	131.4	32.30	135.1	32.58	139.0	32.71
	37	107.5	23.15	121.5	27.63	125.5	31.52	127.2	31.68	129.3	31.87	132.8	32.15	136.8	32.28
	39	107.5	24.66	119.3	29.08	123.2	31.10	125.5	31.25	127.2	31.44	131.1	31.72	135.1	31.85
	41	104.8	26.16	114.4	30.53	118.3	30.67	120.0	30.83	122.3	31.01	126.0	31.29	129.5	31.42
	43	102.2	27.59	109.6	30.10	113.4	30.26	115.1	30.40	117.4	30.59	121.1	30.86	124.4	30.98
46	95.7	29.53	100.0	29.47	103.6	29.62	105.2	29.77	107.4	29.95	110.8	30.21	113.9	30.34	
48	84.7	28.71	86.8	28.79	90.1	28.86	91.5	28.94	93.5	29.19	96.4	29.37	99.2	29.48	
120	10	99.4	10.07	118.3	12.34	129.2	14.66	133.2	15.85	137.0	16.09	144.5	16.16	148.1	16.29
	12	99.4	10.34	118.3	12.76	129.2	15.25	133.2	16.19	137.0	16.70	144.5	16.89	148.1	17.03
	14	99.4	10.69	118.3	13.19	129.2	15.87	133.2	16.79	137.0	17.30	144.5	17.56	148.1	17.70
	16	99.4	11.07	118.3	13.73	129.2	16.48	133.2	17.42	137.0	18.10	144.5	18.32	148.1	18.47
	18	99.4	11.51	118.3	14.34	129.2	17.14	133.2	18.34	137.0	19.04	144.5	19.25	148.1	19.41
	20	99.4	11.95	118.3	15.21	129.2	18.07	133.2	19.30	137.0	20.04	144.5	20.30	148.1	20.47
	21	99.4	12.31	118.3	15.76	129.2	18.57	133.2	19.87	137.0	20.70	144.5	20.97	148.1	21.13
	23	99.4	13.16	118.3	16.86	129.2	19.90	133.2	21.11	137.0	22.07	144.5	22.29	148.1	22.47
	25	99.4	14.06	118.3	18.07	129.2	20.99	133.2	22.50	137.0	23.66	142.8	23.87	146.3	24.06
	27	99.4	15.01	118.3	19.31	129.2	22.34	133.2	24.04	137.0	25.43	140.6	25.61	144.2	25.81
	29	99.4	16.01	118.3	20.62	129.2	23.50	133.2	25.73	134.9	27.10	138.4	27.52	142.3	27.74
	31	99.4	17.06	118.3	22.02	129.2	24.72	131.4	27.57	133.2	29.08	136.7	29.59	140.2	29.83
	33	99.4	18.16	118.3	23.47	127.4	26.15	129.2	29.92	130.9	31.22	134.4	31.58	137.9	31.83
	35	99.4	19.31	118.3	25.02	125.3	27.68	127.0	32.97	129.2	33.13	132.7	33.22	136.2	33.49
	37	99.4	20.78	118.3	26.40	123.5	29.51	125.3	32.27	127.0	32.43	130.5	32.52	134.0	32.79
	39	99.4	22.37	117.8	27.90	121.3	31.29	123.0	31.61	124.8	31.77	128.8	31.86	132.3	32.11
	41	96.9	23.96	112.7	29.40	116.5	30.67	118.1	30.94	119.9	31.10	123.3	31.20	126.9	31.44
	43	94.5	25.57	108.0	28.98	111.7	29.99	113.3	30.28	115.0	30.43	118.3	30.53	121.8	30.77
46	88.6	27.50	98.4	28.30	102.0	29.05	103.5	29.29	105.0	29.43	108.3	29.52	111.5	29.75	
48	78.4	26.93	85.4	27.79	88.7	28.48	90.0	28.65	91.4	28.74	94.2	28.86	97.0	28.98	
110	10	91.0	9.05	108.5	11.03	121.1	13.10	124.6	14.18	132.5	15.27	135.6	15.69	144.7	15.95
	12	91.0	9.34	108.5	11.41	121.1	13.65	124.6	14.58	132.5	15.84	135.6	16.35	144.7	16.73
	14	91.0	9.62	108.5	11.92	121.1	14.26	124.6	15.31	132.5	16.64	135.6	17.11	144.7	17.48
	16	91.0	9.97	108.5	12.35	121.1	14.85	124.6	15.98	132.5	17.40	135.6	17.88	144.7	18.20
	18	91.0	10.34	108.5	12.87	121.1	15.71	124.6	16.82	132.5	18.36	135.6	18.72	144.7	19.07
	20	91.0	10.71	108.5	13.51	121.1	16.67	124.6	17.59	132.5	19.25	135.6	19.73	144.7	20.04
	21	91.0	10.95	108.5	13.91	121.1	17.09	124.6	18.07	132.5	19.79	135.6	20.28	144.7	20.60
	23	91.0	11.66	108.5	14.91	121.1	18.05	124.6	19.07	132.5	20.90	135.6	21.35	144.7	21.70
	25	91.0	12.46	108.5	15.92	121.1	19.06	124.6	20.17	132.5	22.08	135.6	22.40	143.0	22.86
	27	91.0	13.31	108.5	17.02	121.1	20.14	124.6	21.35	132.5	23.07	135.6	23.60	140.9	24.00
	29	91.0	14.21	108.5	18.16	121.1	21.29	124.6	22.61	132.5	24.38	135.6	24.79	139.1	25.17
	31	91.0	15.11	108.5	19.36	121.1	22.50	124.6	23.95	130.4	25.62	133.9	26.11	136.9	26.39
	33	91.0	16.11	108.5	20.62	121.1	23.77	124.6	25.38	128.6	27.05	131.6	27.50	135.1	27.65
	35	91.0	17.11	108.5	22.02	121.1	25.10	124.6	26.89	126.4	28.55	129.5	28.81	133.0	28.95
	37	91.0	18.13	108.5	23.37	121.1	26.50	122.9	28.49	124.2	30.11	127.7	30.21	130.7	30.29
	39	91.0	19.55	108.5	24.83	119.0	27.96	120.7	30.48	122.5	31.60	125.5	31.65	129.0	31.68
	41	88.7	20.97	105.7	26.29	113.9	29.48	115.7	32.97	117.1	32.97	120.6	33.22	123.6	33.49
	43	86.5	22.02	103.1	27.39	109.2	31.26	110.9	31.61	112.4	31.55	115.7	31.73	118.6	31.82
46	81.0	21.49	96.6	26.45	99.6	29.67	101.3	29.67	102.6	29.93	105.7	30.10	108.5	30.18	
48	71.7	20.87	84.0	25.48	86.5	28.23	88.0	28.42	89.2	28.56	92.0	28.64	94.4	28.76	

7. Capacity Tables

Cooling Capacity (42HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	79.4	8.16	94.5	9.91	110.1	11.76	117.6	12.70	125.1	13.64	138.8	15.19	141.8	15.31
	12	79.4	8.41	94.5	10.31	110.1	12.15	117.6	13.05	125.1	14.08	138.8	16.01	141.8	16.17
	14	79.4	8.67	94.5	10.72	110.1	12.67	117.6	13.61	125.1	14.69	138.8	16.90	141.8	17.06
	16	79.4	8.94	94.5	11.08	110.1	13.21	117.6	14.25	125.1	15.47	138.8	17.72	141.8	17.97
	18	79.4	9.21	94.5	11.49	110.1	13.72	117.6	14.95	125.1	16.41	138.8	18.72	141.8	18.87
	20	79.4	9.53	94.5	11.92	110.1	14.51	117.6	16.01	125.1	17.56	138.8	19.61	141.8	19.77
	21	79.4	9.73	94.5	12.21	110.1	15.01	117.6	16.56	125.1	18.21	138.8	20.06	141.8	20.22
	23	79.4	10.31	94.5	13.06	110.1	16.11	117.6	17.76	125.1	19.52	138.8	21.01	141.8	21.18
	25	79.4	10.96	94.5	13.91	110.1	17.21	117.6	19.01	125.1	20.87	138.8	21.91	140.7	22.08
	27	79.4	11.71	94.5	14.86	110.1	18.42	117.6	20.32	125.1	22.18	136.1	22.94	138.9	23.12
	29	79.4	12.46	94.5	15.87	110.1	19.66	117.6	21.72	125.1	23.48	133.5	23.87	136.8	24.06
	31	79.4	13.31	94.5	16.91	110.1	20.97	117.6	23.17	125.1	24.67	131.6	24.78	134.7	24.98
	33	79.4	14.11	94.5	18.02	110.1	22.37	117.6	24.72	125.1	25.60	129.5	25.70	132.6	25.91
	35	79.4	15.01	94.5	19.17	110.1	23.82	117.6	26.37	123.2	26.53	127.1	26.63	130.3	26.85
	37	79.4	16.08	94.5	20.55	110.1	25.23	117.6	27.63	121.3	27.76	124.7	27.87	127.7	28.14
	39	79.4	17.24	94.5	22.08	110.1	26.74	117.6	28.98	119.2	29.11	122.7	29.21	125.6	29.49
	41	78.1	18.39	93.0	23.61	108.3	28.24	112.9	30.32	115.3	30.45	118.0	30.56	121.8	30.84
	43	75.4	19.47	89.8	25.03	104.6	29.59	108.2	31.49	109.4	31.60	112.9	31.71	115.8	32.00
46	70.7	20.94	84.2	26.98	98.0	31.39	98.7	32.97	99.9	33.06	103.1	33.16	105.9	33.47	
48	62.5	18.08	74.4	23.34	84.6	26.83	85.9	27.97	86.8	28.06	89.6	28.12	92.0	28.35	
90	10	71.4	7.21	85.2	8.67	99.1	10.22	105.9	11.02	112.5	11.86	126.4	13.27	140.3	14.76
	12	71.4	7.30	85.2	8.81	99.1	10.40	105.9	11.24	112.5	12.12	126.4	13.53	140.3	15.02
	14	71.4	7.43	85.2	8.98	99.1	10.61	105.9	11.46	112.5	12.35	126.4	13.79	140.3	15.32
	16	71.4	7.56	85.2	9.15	99.1	10.84	105.9	11.68	112.5	12.56	126.4	14.05	140.3	15.59
	18	71.4	7.69	85.2	9.33	99.1	11.02	105.9	11.94	112.5	12.83	126.4	14.36	140.3	16.37
	20	71.4	7.83	85.2	9.51	99.1	11.24	105.9	12.17	112.5	13.32	126.4	15.37	140.3	17.15
	21	71.4	7.92	85.2	9.60	99.1	11.46	105.9	12.56	112.5	13.81	126.4	15.62	140.3	17.54
	23	71.4	8.10	85.2	10.00	99.1	12.25	105.9	13.50	112.5	14.78	126.4	16.57	138.4	18.37
	25	71.4	8.50	85.2	10.66	99.1	13.09	105.9	14.42	112.5	15.79	126.4	17.72	136.3	19.16
	27	71.4	9.07	85.2	11.37	99.1	13.98	105.9	15.40	112.5	16.90	126.4	18.84	134.4	20.05
	29	71.4	9.60	85.2	12.12	99.1	14.96	105.9	16.45	112.5	18.04	126.4	19.95	132.3	20.86
	31	71.4	10.22	85.2	12.92	99.1	15.93	105.9	17.52	112.5	19.24	126.4	20.95	130.4	21.67
	33	71.4	10.89	85.2	13.76	99.1	16.99	105.9	18.67	112.5	20.41	126.4	21.95	128.3	22.47
	35	71.4	11.55	85.2	14.60	99.1	18.04	105.9	19.91	112.5	21.64	124.2	23.22	126.4	23.75
	37	71.4	12.25	85.2	15.53	99.1	19.24	105.9	21.14	112.5	22.85	122.3	24.27	124.4	24.82
	39	71.4	12.98	85.2	16.52	99.1	20.36	105.9	22.50	112.5	24.03	120.2	25.59	122.3	25.90
	41	69.6	14.52	83.1	18.31	96.6	22.36	103.1	24.61	109.7	25.94	115.2	26.97	117.3	27.58
	43	67.9	15.67	81.0	19.79	94.2	24.42	100.6	26.51	106.9	27.81	110.4	28.88	112.5	29.22
46	63.6	17.64	75.9	22.53	88.2	27.82	94.3	30.05	97.2	30.89	100.8	31.70	102.7	31.75	
48	56.2	15.41	67.2	19.71	78.1	24.34	83.3	26.22	84.4	26.63	87.7	27.29	89.3	27.32	
80	10	63.4	6.04	75.6	7.25	87.8	8.51	94.1	9.18	100.4	9.85	112.5	11.23	124.8	12.19
	12	63.4	6.16	75.6	7.33	87.8	8.68	94.1	9.34	100.4	10.01	112.5	11.44	124.8	12.44
	14	63.4	6.25	75.6	7.50	87.8	8.80	94.1	9.51	100.4	10.18	112.5	11.65	124.8	12.68
	16	63.4	6.33	75.6	7.62	87.8	8.97	94.1	9.68	100.4	10.39	112.5	11.90	124.8	12.91
	18	63.4	6.45	75.6	7.75	87.8	9.13	94.1	9.85	100.4	10.60	112.5	12.11	124.8	13.20
	20	63.4	6.58	75.6	7.92	87.8	9.34	94.1	10.06	100.4	10.81	112.5	12.57	124.8	13.98
	21	63.4	6.62	75.6	8.01	87.8	9.43	94.1	10.18	100.4	11.07	112.5	12.97	124.8	14.36
	23	63.4	6.74	75.6	8.13	87.8	9.85	94.1	10.81	100.4	11.82	112.5	13.69	124.8	15.06
	25	63.4	7.00	75.6	8.68	87.8	10.56	94.1	11.56	100.4	12.65	112.5	14.65	124.8	16.11
	27	63.4	7.42	75.6	9.22	87.8	11.27	94.1	12.36	100.4	13.50	112.5	15.57	124.8	16.95
	29	63.4	7.88	75.6	9.85	87.8	11.98	94.1	13.16	100.4	14.41	112.5	16.69	124.8	18.14
	31	63.4	8.38	75.6	10.44	87.8	12.78	94.1	14.04	100.4	15.34	112.5	17.70	124.8	19.05
	33	63.4	8.89	75.6	11.15	87.8	13.62	94.1	14.96	100.4	16.34	112.5	18.66	124.8	19.97
	35	63.4	9.43	75.6	11.82	87.8	14.50	94.1	15.92	100.4	17.43	112.5	19.78	123.4	20.69
	37	63.4	9.98	75.6	12.57	87.8	15.38	94.1	16.93	100.4	18.52	112.5	20.87	121.4	21.64
	39	63.4	10.54	75.6	13.28	87.8	16.46	94.1	18.20	100.4	19.91	112.5	22.06	119.4	22.83
	41	61.8	11.66	73.7	14.72	85.6	18.05	91.7	19.95	97.8	21.87	109.7	24.55	114.4	25.30
	43	60.2	12.83	71.9	16.07	83.5	19.71	89.4	21.75	95.4	23.90	106.9	26.26	109.7	27.08
46	56.5	14.28	67.4	18.09	78.2	22.21	83.8	24.19	89.4	26.97	97.8	28.67	100.1	29.13	
48	50.0	12.47	59.5	15.82	69.1	19.42	74.2	21.13	79.1	23.61	84.9	24.81	87.0	25.07	

7. Capacity Tables

Cooling Capacity (42HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	55.5	5.29	66.3	6.29	76.8	7.29	82.3	7.88	87.8	8.42	98.3	9.59	109.2	10.72
	12	55.5	5.38	66.3	6.37	76.8	7.46	82.3	8.00	87.8	8.59	98.3	9.75	109.2	10.93
	14	55.5	5.46	66.3	6.46	76.8	7.58	82.3	8.12	87.8	8.71	98.3	9.96	109.2	11.12
	16	55.5	5.54	66.3	6.58	76.8	7.71	82.3	8.30	87.8	8.87	98.3	10.13	109.2	11.37
	18	55.5	5.62	66.3	6.71	76.8	7.88	82.3	8.46	87.8	9.05	98.3	10.29	109.2	11.57
	20	55.5	5.71	66.3	6.83	76.8	8.00	82.3	8.63	87.8	9.25	98.3	10.54	109.2	12.01
	21	55.5	5.80	66.3	6.88	76.8	8.09	82.3	8.71	87.8	9.33	98.3	10.71	109.2	12.25
	23	55.5	5.88	66.3	7.04	76.8	8.25	82.3	9.00	87.8	9.80	98.3	11.47	109.2	12.94
	25	55.5	5.96	66.3	7.29	76.8	8.79	82.3	9.62	87.8	10.46	98.3	12.25	109.2	13.57
	27	55.5	6.29	66.3	7.79	76.8	9.38	82.3	10.21	87.8	11.17	98.3	13.09	109.2	14.42
	29	55.5	6.71	66.3	8.25	76.8	9.96	82.3	10.88	87.8	11.88	98.3	13.97	109.2	15.45
	31	55.5	7.12	66.3	8.79	76.8	10.63	82.3	11.63	87.8	12.67	98.3	14.88	109.2	16.40
	33	55.5	7.55	66.3	9.30	76.8	11.29	82.3	12.34	87.8	13.46	98.3	15.83	109.2	17.45
	35	55.5	7.96	66.3	9.92	76.8	12.01	82.3	13.13	87.8	14.34	98.3	16.88	109.2	18.51
	37	55.5	8.46	66.3	10.51	76.8	12.76	82.3	13.97	87.8	15.26	98.3	17.97	109.2	19.54
	39	55.5	8.98	66.3	11.21	76.8	13.64	82.3	15.03	87.8	16.48	98.3	19.23	109.2	21.06
	41	54.1	9.93	64.6	12.27	74.9	14.96	80.2	16.48	85.6	17.92	95.7	21.12	106.4	22.72
	43	52.7	10.81	63.0	13.38	73.0	16.32	78.2	17.97	83.5	19.56	93.4	23.07	103.8	24.56
46	49.4	12.01	59.1	15.04	68.4	18.38	73.3	20.01	78.2	22.05	87.5	26.02	97.3	27.38	
48	43.7	10.49	52.3	13.14	60.6	16.07	64.9	17.49	69.1	19.29	77.4	22.77	86.1	23.69	
60	10	47.4	4.56	56.7	5.35	66.0	6.22	70.5	6.67	75.2	7.08	84.4	8.05	93.6	9.00
	12	47.4	4.64	56.7	5.43	66.0	6.30	70.5	6.76	75.2	7.21	84.4	8.16	93.6	9.16
	14	47.4	4.69	56.7	5.51	66.0	6.43	70.5	6.88	75.2	7.34	84.4	8.33	93.6	9.33
	16	47.4	4.77	56.7	5.64	66.0	6.51	70.5	7.00	75.2	7.51	84.4	8.49	93.6	9.49
	18	47.4	4.85	56.7	5.72	66.0	6.64	70.5	7.13	75.2	7.62	84.4	8.62	93.6	9.70
	20	47.4	4.93	56.7	5.80	66.0	6.76	70.5	7.25	75.2	7.75	84.4	8.79	93.6	9.90
	21	47.4	4.97	56.7	5.85	66.0	6.84	70.5	7.34	75.2	7.84	84.4	8.92	93.6	9.99
	23	47.4	5.05	56.7	5.97	66.0	6.92	70.5	7.46	75.2	8.00	84.4	9.25	93.6	10.61
	25	47.4	5.14	56.7	6.10	66.0	7.21	70.5	7.84	75.2	8.49	84.4	9.87	93.6	11.36
	27	47.4	5.31	56.7	6.43	66.0	7.67	70.5	8.33	75.2	9.03	84.4	10.49	93.6	12.10
	29	47.4	5.64	56.7	6.84	66.0	8.16	70.5	8.87	75.2	9.62	84.4	11.20	93.6	12.93
	31	47.4	5.97	56.7	7.25	66.0	8.66	70.5	9.45	75.2	10.24	84.4	11.94	93.6	13.76
	33	47.4	6.30	56.7	7.67	66.0	9.20	70.5	10.03	75.2	10.90	84.4	12.69	93.6	14.67
	35	47.4	6.67	56.7	8.16	66.0	9.79	70.5	10.65	75.2	11.56	84.4	13.51	93.6	15.59
	37	47.4	7.05	56.7	8.62	66.0	10.36	70.5	11.31	75.2	12.27	84.4	14.34	93.6	16.58
	39	47.4	7.49	56.7	9.18	66.0	11.18	70.5	12.15	75.2	13.20	84.4	15.38	93.6	17.77
	41	46.2	8.13	55.3	10.04	64.2	12.15	68.8	13.26	73.3	14.33	82.3	16.87	91.3	19.31
	43	45.1	8.83	53.9	10.93	62.7	13.24	67.0	14.46	71.4	15.63	80.2	18.43	89.0	21.09
46	42.3	9.89	50.5	12.28	58.8	14.89	62.8	16.25	67.0	17.59	75.2	20.76	83.4	24.03	
48	37.4	8.62	44.6	10.71	52.0	13.01	55.6	14.19	59.2	15.36	66.5	18.15	73.8	21.02	
50	10	39.7	3.92	47.4	4.54	55.0	5.15	58.8	5.53	62.6	5.86	70.2	6.60	78.1	7.34
	12	39.7	3.96	47.4	4.57	55.0	5.23	58.8	5.61	62.6	5.97	70.2	6.72	78.1	7.47
	14	39.7	4.00	47.4	4.66	55.0	5.32	58.8	5.69	62.6	6.06	70.2	6.80	78.1	7.58
	16	39.7	4.08	47.4	4.74	55.0	5.40	58.8	5.81	62.6	6.14	70.2	6.93	78.1	7.71
	18	39.7	4.13	47.4	4.79	55.0	5.48	58.8	5.89	62.6	6.27	70.2	7.04	78.1	7.88
	20	39.7	4.16	47.4	4.87	55.0	5.61	58.8	5.97	62.6	6.39	70.2	7.17	78.1	8.04
	21	39.7	4.21	47.4	4.90	55.0	5.65	58.8	6.06	62.6	6.43	70.2	7.26	78.1	8.13
	23	39.7	4.29	47.4	4.99	55.0	5.73	58.8	6.14	62.6	6.55	70.2	7.38	78.1	8.29
	25	39.7	4.33	47.4	5.07	55.0	5.86	58.8	6.27	62.6	6.76	70.2	7.75	78.1	8.87
	27	39.7	4.41	47.4	5.23	55.0	6.19	58.8	6.68	62.6	7.17	70.2	8.29	78.1	9.44
	29	39.7	4.66	47.4	5.56	55.0	6.55	58.8	7.09	62.6	7.63	70.2	8.78	78.1	10.02
	31	39.7	4.90	47.4	5.89	55.0	6.96	58.8	7.50	62.6	8.13	70.2	9.36	78.1	10.68
	33	39.7	5.20	47.4	6.22	55.0	7.38	58.8	7.96	62.6	8.62	70.2	9.94	78.1	11.38
	35	39.7	5.48	47.4	6.60	55.0	7.80	58.8	8.45	62.6	9.11	70.2	10.51	78.1	12.08
	37	39.7	5.81	47.4	6.96	55.0	8.24	58.8	8.95	62.6	9.64	70.2	11.22	78.1	12.82
	39	39.7	6.20	47.4	7.47	55.0	8.83	58.8	9.63	62.6	10.35	70.2	11.94	78.1	13.85
	41	38.7	6.71	46.2	8.08	53.6	9.66	57.3	10.43	60.9	11.22	68.4	13.09	76.1	15.04
	43	37.8	7.29	45.1	8.79	52.3	10.51	55.8	11.35	59.5	12.21	66.7	14.28	74.2	16.40
46	35.3	8.16	42.3	9.86	49.0	11.79	52.3	12.75	55.7	13.71	62.5	16.06	69.6	18.47	
48	31.3	7.11	37.4	8.60	43.4	10.28	46.4	11.14	49.3	11.96	55.3	14.04	61.6	16.14	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM440BTE5

Cooling Capacity (44HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	112.6	11.90	134.2	14.54	143.8	16.87	147.9	17.22	152.0	17.35	159.3	17.49	163.5	17.56
	12	112.6	12.19	134.2	15.06	143.8	17.56	147.9	17.68	152.0	17.82	159.3	17.96	163.5	18.12
	14	112.6	12.61	134.2	15.61	143.8	18.22	147.9	18.36	152.0	18.51	159.3	18.65	163.5	18.81
	16	112.6	13.07	134.2	16.15	143.8	19.04	147.9	19.22	152.0	19.37	159.3	19.54	163.5	19.70
	18	112.6	13.61	134.2	17.08	143.8	19.92	147.9	20.34	152.0	20.51	159.3	20.71	163.5	20.85
	20	112.6	14.21	134.2	18.20	143.8	20.90	147.9	22.37	152.0	22.56	157.1	22.78	161.2	22.93
	21	112.6	14.58	134.2	18.84	143.8	21.34	147.9	23.68	152.0	23.87	156.2	24.10	160.3	24.27
	23	112.6	15.65	134.2	19.82	143.8	22.44	147.9	26.13	150.1	26.34	153.8	26.61	158.0	26.78
	25	112.6	16.71	134.2	20.96	143.8	23.98	146.1	28.98	147.9	29.22	152.0	29.51	156.2	29.71
	27	112.6	17.88	134.2	22.41	141.9	25.56	143.8	31.90	146.1	32.15	150.1	32.48	153.8	32.70
	29	112.6	19.05	134.2	23.95	139.7	27.49	141.7	35.07	143.8	35.27	147.9	35.59	152.0	35.73
	31	112.6	20.34	133.7	25.24	137.3	29.25	139.7	34.91	141.7	35.12	145.6	35.44	149.8	35.58
	33	112.6	21.66	131.4	26.73	135.5	31.37	137.7	34.59	139.7	34.81	143.8	35.12	147.4	35.25
	35	112.6	23.10	129.1	28.00	133.3	33.98	135.5	34.15	137.7	34.35	141.5	34.66	145.6	34.80
	37	112.6	24.63	127.3	29.39	131.4	33.53	133.3	33.69	135.5	33.90	139.2	34.20	143.4	34.34
	39	112.6	26.23	125.0	30.93	129.1	33.08	131.4	33.24	133.3	33.44	137.3	33.74	141.5	33.88
	41	109.8	27.83	119.9	32.47	123.9	32.63	125.7	32.79	128.2	32.99	132.0	33.29	135.6	33.42
	43	107.1	29.35	114.8	32.02	118.8	32.18	120.6	32.34	123.0	32.54	126.8	32.83	130.3	32.95
46	100.3	31.41	104.7	31.35	108.5	31.51	110.2	31.66	112.6	31.86	116.1	32.14	119.3	32.27	
48	88.7	30.54	91.0	30.63	94.4	30.69	95.9	30.78	97.9	31.05	101.0	31.24	103.9	31.36	
120	10	104.2	10.71	123.9	13.12	135.3	15.59	139.5	16.86	143.6	17.12	151.4	17.19	155.1	17.32
	12	104.2	11.00	123.9	13.57	135.3	16.22	139.5	17.22	143.6	17.76	151.4	17.97	155.1	18.12
	14	104.2	11.37	123.9	14.03	135.3	16.88	139.5	17.86	143.6	18.41	151.4	18.68	155.1	18.83
	16	104.2	11.78	123.9	14.61	135.3	17.53	139.5	18.53	143.6	19.26	151.4	19.49	155.1	19.65
	18	104.2	12.24	123.9	15.26	135.3	18.24	139.5	19.51	143.6	20.25	151.4	20.48	155.1	20.64
	20	104.2	12.71	123.9	16.18	135.3	19.22	139.5	20.53	143.6	21.32	151.4	21.60	155.1	21.78
	21	104.2	13.10	123.9	16.76	135.3	19.75	139.5	21.13	143.6	22.02	151.4	22.30	155.1	22.48
	23	104.2	14.00	123.9	17.93	135.3	21.17	139.5	22.46	143.6	23.47	151.4	23.71	155.1	23.90
	25	104.2	14.95	123.9	19.22	135.3	22.32	139.5	23.93	143.6	25.17	149.6	25.39	153.3	25.59
	27	104.2	15.97	123.9	20.54	135.3	23.76	139.5	25.58	143.6	27.05	147.3	27.24	151.0	27.46
	29	104.2	17.03	123.9	21.93	135.3	25.00	139.5	27.37	141.3	28.83	145.0	29.27	149.1	29.51
	31	104.2	18.15	123.9	23.42	135.3	26.29	137.7	29.32	139.5	30.93	143.2	31.48	146.8	31.73
	33	104.2	19.32	123.9	24.96	133.5	27.81	135.3	31.83	137.2	33.20	140.8	33.59	144.5	33.86
	35	104.2	20.54	123.9	26.61	131.3	29.44	133.1	35.07	135.3	35.24	139.0	35.34	142.7	35.63
	37	104.2	22.10	123.9	28.08	129.4	31.39	131.3	34.32	133.1	34.49	136.8	34.60	140.4	34.88
	39	104.2	23.79	123.4	29.68	127.1	33.29	128.9	33.62	130.7	33.79	134.9	33.89	138.6	34.15
	41	101.5	25.49	118.1	31.27	122.1	32.63	123.7	32.91	125.6	33.08	129.2	33.18	132.9	33.44
	43	99.0	27.20	113.1	30.83	117.0	31.90	118.7	32.21	120.5	32.37	124.0	32.47	127.6	32.73
46	92.8	29.25	103.1	30.10	106.9	30.90	108.4	31.15	110.0	31.31	113.4	31.40	116.8	31.65	
48	82.1	28.65	89.5	29.56	92.9	30.29	94.3	30.48	95.7	30.58	98.7	30.70	101.6	30.83	
110	10	95.3	9.63	113.7	11.73	126.9	13.94	130.6	15.09	138.8	16.24	142.1	16.69	151.6	16.97
	12	95.3	9.93	113.7	12.13	126.9	14.52	130.6	15.51	138.8	16.85	142.1	17.39	151.6	17.79
	14	95.3	10.24	113.7	12.68	126.9	15.17	130.6	16.29	138.8	17.70	142.1	18.20	151.6	18.59
	16	95.3	10.61	113.7	13.14	126.9	15.80	130.6	17.00	138.8	18.51	142.1	19.02	151.6	19.35
	18	95.3	11.00	113.7	13.69	126.9	16.71	130.6	17.90	138.8	19.53	142.1	19.92	151.6	20.29
	20	95.3	11.39	113.7	14.37	126.9	17.73	130.6	18.71	138.8	20.48	142.1	20.98	151.6	21.32
	21	95.3	11.64	113.7	14.80	126.9	18.18	130.6	19.22	138.8	21.05	142.1	21.58	151.6	21.91
	23	95.3	12.40	113.7	15.86	126.9	19.20	130.6	20.29	138.8	22.24	142.1	22.71	151.6	23.09
	25	95.3	13.25	113.7	16.93	126.9	20.27	130.6	21.46	138.8	23.49	142.1	23.83	149.8	24.32
	27	95.3	14.15	113.7	18.10	126.9	21.42	130.6	22.71	138.8	24.54	142.1	25.10	147.6	25.52
	29	95.3	15.12	113.7	19.32	126.9	22.64	130.6	24.05	138.8	25.93	142.1	26.37	145.7	26.78
	31	95.3	16.07	113.7	20.59	126.9	23.93	130.6	25.47	136.6	27.25	140.2	27.78	143.4	28.07
	33	95.3	17.14	113.7	21.93	126.9	25.28	130.6	27.00	134.7	28.78	137.9	29.25	141.6	29.41
	35	95.3	18.20	113.7	23.42	126.9	26.70	130.6	28.61	132.4	30.37	135.7	30.64	139.3	30.80
	37	95.3	19.29	113.7	24.86	126.9	28.19	128.7	30.30	130.2	32.03	133.8	32.14	137.0	32.22
	39	95.3	20.80	113.7	26.41	124.7	29.74	126.5	32.42	128.3	33.61	131.5	33.66	135.2	33.70
	41	92.9	22.31	110.7	27.97	119.3	31.36	121.2	35.07	122.7	35.07	126.3	35.34	129.5	35.63
	43	90.6	23.42	108.0	29.14	114.4	33.26	116.2	33.63	117.7	33.56	121.2	33.75	124.3	33.85
46	84.9	22.86	101.2	28.13	104.3	31.56	106.1	31.56	107.5	31.83	110.8	32.01	113.7	32.10	
48	75.1	22.20	88.0	27.10	90.6	30.03	92.2	30.23	93.5	30.37	96.4	30.46	98.9	30.59	

7. Capacity Tables

Cooling Capacity (44HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	83.2	8.67	99.0	10.54	115.3	12.51	123.2	13.51	131.1	14.51	145.4	16.15	148.5	16.29
	12	83.2	8.95	99.0	10.97	115.3	12.93	123.2	13.88	131.1	14.98	145.4	17.03	148.5	17.20
	14	83.2	9.22	99.0	11.41	115.3	13.47	123.2	14.47	131.1	15.63	145.4	17.98	148.5	18.15
	16	83.2	9.51	99.0	11.78	115.3	14.05	123.2	15.16	131.1	16.46	145.4	18.85	148.5	19.12
	18	83.2	9.79	99.0	12.22	115.3	14.59	123.2	15.90	131.1	17.46	145.4	19.91	148.5	20.07
	20	83.2	10.14	99.0	12.68	115.3	15.44	123.2	17.03	131.1	18.68	145.4	20.86	148.5	21.03
	21	83.2	10.35	99.0	12.98	115.3	15.97	123.2	17.61	131.1	19.37	145.4	21.34	148.5	21.51
	23	83.2	10.97	99.0	13.90	115.3	17.14	123.2	18.90	131.1	20.76	145.4	22.35	148.5	22.53
	25	83.2	11.66	99.0	14.80	115.3	18.31	123.2	20.22	131.1	22.20	145.4	23.30	147.4	23.49
	27	83.2	12.46	99.0	15.81	115.3	19.59	123.2	21.61	131.1	23.59	142.6	24.40	145.6	24.59
	29	83.2	13.25	99.0	16.88	115.3	20.92	123.2	23.10	131.1	24.98	139.9	25.39	143.4	25.59
	31	83.2	14.15	99.0	17.99	115.3	22.30	123.2	24.64	131.1	26.24	137.8	26.36	141.2	26.58
	33	83.2	15.01	99.0	19.17	115.3	23.79	123.2	26.29	131.1	27.23	135.6	27.34	139.0	27.56
	35	83.2	15.97	99.0	20.39	115.3	25.34	123.2	28.05	129.1	28.22	133.1	28.32	136.5	28.56
	37	83.2	17.10	99.0	21.86	115.3	26.83	123.2	29.39	127.0	29.53	130.7	29.65	133.8	29.93
	39	83.2	18.34	99.0	23.49	115.3	28.44	123.2	30.83	124.9	30.96	128.5	31.07	131.6	31.37
	41	81.8	19.56	97.4	25.11	113.5	30.04	118.2	32.26	120.8	32.39	123.6	32.50	127.6	32.81
	43	79.0	20.71	94.1	26.62	109.6	31.47	113.3	33.49	114.6	33.61	118.2	33.72	121.3	34.03
46	74.1	22.27	88.2	28.70	102.7	33.39	103.4	35.07	104.6	35.17	108.0	35.27	110.9	35.61	
48	65.5	19.24	78.0	24.83	88.6	28.54	90.0	29.75	90.9	29.85	93.9	29.91	96.4	30.15	
90	10	74.8	7.58	89.3	9.11	103.8	10.74	110.9	11.58	117.9	12.47	132.4	13.95	147.0	15.52
	12	74.8	7.67	89.3	9.26	103.8	10.93	110.9	11.82	117.9	12.74	132.4	14.23	147.0	15.79
	14	74.8	7.81	89.3	9.44	103.8	11.16	110.9	12.04	117.9	12.98	132.4	14.50	147.0	16.11
	16	74.8	7.95	89.3	9.62	103.8	11.39	110.9	12.28	117.9	13.20	132.4	14.77	147.0	16.39
	18	74.8	8.09	89.3	9.81	103.8	11.58	110.9	12.56	117.9	13.49	132.4	15.10	147.0	17.21
	20	74.8	8.24	89.3	10.00	103.8	11.82	110.9	12.79	117.9	14.00	132.4	16.16	147.0	18.03
	21	74.8	8.32	89.3	10.10	103.8	12.04	110.9	13.20	117.9	14.51	132.4	16.43	147.0	18.44
	23	74.8	8.51	89.3	10.51	103.8	12.88	110.9	14.19	117.9	15.54	132.4	17.42	145.0	19.31
	25	74.8	8.93	89.3	11.21	103.8	13.77	110.9	15.16	117.9	16.60	132.4	18.63	142.8	20.14
	27	74.8	9.53	89.3	11.96	103.8	14.70	110.9	16.19	117.9	17.77	132.4	19.80	140.8	21.08
	29	74.8	10.10	89.3	12.74	103.8	15.72	110.9	17.30	117.9	18.97	132.4	20.98	138.6	21.93
	31	74.8	10.74	89.3	13.58	103.8	16.75	110.9	18.42	117.9	20.23	132.4	22.02	136.6	22.79
	33	74.8	11.44	89.3	14.46	103.8	17.86	110.9	19.63	117.9	21.46	132.4	23.08	134.4	23.63
	35	74.8	12.14	89.3	15.35	103.8	18.97	110.9	20.93	117.9	22.75	130.2	24.41	132.4	24.97
	37	74.8	12.88	89.3	16.32	103.8	20.23	110.9	22.23	117.9	24.02	128.1	25.52	130.3	26.09
	39	74.8	13.64	89.3	17.36	103.8	21.41	110.9	23.66	117.9	25.26	126.0	26.90	128.2	27.22
	41	72.9	15.26	87.1	19.25	101.2	23.50	108.0	25.87	114.9	27.27	120.7	28.35	122.8	29.00
	43	71.1	16.48	84.9	20.81	98.7	25.67	105.4	27.87	112.0	29.24	115.7	30.36	117.9	30.72
46	66.6	18.54	79.6	23.69	92.4	29.25	98.8	31.59	101.8	32.48	105.6	33.33	107.6	33.38	
48	58.9	16.21	70.4	20.72	81.8	25.59	87.3	27.56	88.4	27.99	91.8	28.69	93.5	28.72	
80	10	66.4	6.37	79.2	7.65	92.0	8.98	98.6	9.69	105.2	10.39	117.9	11.85	130.7	12.87
	12	66.4	6.50	79.2	7.73	92.0	9.15	98.6	9.86	105.2	10.57	117.9	12.07	130.7	13.12
	14	66.4	6.59	79.2	7.92	92.0	9.29	98.6	10.03	105.2	10.74	117.9	12.30	130.7	13.38
	16	66.4	6.68	79.2	8.04	92.0	9.46	98.6	10.22	105.2	10.96	117.9	12.56	130.7	13.63
	18	66.4	6.81	79.2	8.18	92.0	9.64	98.6	10.39	105.2	11.18	117.9	12.78	130.7	13.93
	20	66.4	6.94	79.2	8.35	92.0	9.86	98.6	10.61	105.2	11.41	117.9	13.26	130.7	14.76
	21	66.4	6.99	79.2	8.45	92.0	9.95	98.6	10.74	105.2	11.68	117.9	13.69	130.7	15.15
	23	66.4	7.11	79.2	8.57	92.0	10.39	98.6	11.41	105.2	12.47	117.9	14.45	130.7	15.89
	25	66.4	7.39	79.2	9.15	92.0	11.15	98.6	12.20	105.2	13.35	117.9	15.46	130.7	17.00
	27	66.4	7.83	79.2	9.72	92.0	11.89	98.6	13.04	105.2	14.24	117.9	16.43	130.7	17.88
	29	66.4	8.31	79.2	10.39	92.0	12.64	98.6	13.88	105.2	15.21	117.9	17.61	130.7	19.14
	31	66.4	8.85	79.2	11.01	92.0	13.49	98.6	14.81	105.2	16.18	117.9	18.68	130.7	20.10
	33	66.4	9.38	79.2	11.76	92.0	14.37	98.6	15.79	105.2	17.25	117.9	19.68	130.7	21.08
	35	66.4	9.95	79.2	12.47	92.0	15.30	98.6	16.80	105.2	18.40	117.9	20.87	129.3	21.83
	37	66.4	10.53	79.2	13.26	92.0	16.23	98.6	17.86	105.2	19.55	117.9	22.02	127.2	22.83
	39	66.4	11.12	79.2	14.02	92.0	17.36	98.6	19.20	105.2	21.01	117.9	23.27	125.1	24.08
	41	64.7	12.30	77.2	15.53	89.6	19.05	96.1	21.05	102.5	23.07	114.9	25.90	119.9	26.69
	43	63.1	13.54	75.3	16.95	87.4	20.80	93.7	22.95	99.9	25.22	112.0	27.71	114.9	28.57
46	59.2	15.07	70.6	19.09	81.9	23.43	87.8	25.53	93.7	28.46	102.5	30.25	104.9	30.73	
48	52.4	13.16	62.4	16.70	72.4	20.49	77.7	22.30	82.9	24.91	89.0	26.18	91.1	26.45	

7. Capacity Tables

Cooling Capacity (44HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	58.1	5.61	69.5	6.66	80.5	7.72	86.2	8.34	92.0	8.91	103.0	10.15	114.4	11.35
	12	58.1	5.69	69.5	6.75	80.5	7.90	86.2	8.48	92.0	9.10	103.0	10.33	114.4	11.57
	14	58.1	5.78	69.5	6.84	80.5	8.03	86.2	8.60	92.0	9.22	103.0	10.55	114.4	11.78
	16	58.1	5.87	69.5	6.97	80.5	8.17	86.2	8.79	92.0	9.40	103.0	10.73	114.4	12.04
	18	58.1	5.95	69.5	7.11	80.5	8.34	86.2	8.96	92.0	9.58	103.0	10.90	114.4	12.25
	20	58.1	6.05	69.5	7.23	80.5	8.48	86.2	9.14	92.0	9.80	103.0	11.16	114.4	12.71
	21	58.1	6.14	69.5	7.28	80.5	8.56	86.2	9.22	92.0	9.88	103.0	11.35	114.4	12.98
	23	58.1	6.23	69.5	7.46	80.5	8.74	86.2	9.53	92.0	10.38	103.0	12.14	114.4	13.70
	25	58.1	6.31	69.5	7.72	80.5	9.31	86.2	10.19	92.0	11.08	103.0	12.98	114.4	14.38
	27	58.1	6.66	69.5	8.25	80.5	9.93	86.2	10.81	92.0	11.83	103.0	13.86	114.4	15.28
	29	58.1	7.11	69.5	8.74	80.5	10.55	86.2	11.52	92.0	12.58	103.0	14.79	114.4	16.37
	31	58.1	7.55	69.5	9.31	80.5	11.26	86.2	12.32	92.0	13.42	103.0	15.76	114.4	17.37
	33	58.1	7.99	69.5	9.84	80.5	11.96	86.2	13.06	92.0	14.26	103.0	16.77	114.4	18.48
	35	58.1	8.43	69.5	10.51	80.5	12.71	86.2	13.91	92.0	15.19	103.0	17.87	114.4	19.60
	37	58.1	8.96	69.5	11.13	80.5	13.51	86.2	14.79	92.0	16.16	103.0	19.03	114.4	20.69
	39	58.1	9.52	69.5	11.87	80.5	14.44	86.2	15.91	92.0	17.45	103.0	20.36	114.4	22.30
	41	56.6	10.52	67.7	13.00	78.5	15.85	84.0	17.45	89.6	18.98	100.3	22.37	111.5	24.06
	43	55.2	11.45	66.0	14.17	76.5	17.28	82.0	19.03	87.4	20.71	97.9	24.43	108.7	26.01
46	51.7	12.72	61.9	15.93	71.7	19.46	76.8	21.19	81.9	23.36	91.7	27.56	101.9	28.99	
48	45.8	11.11	54.8	13.91	63.4	17.02	68.0	18.53	72.4	20.43	81.1	24.12	90.2	25.09	
60	10	49.7	4.85	59.4	5.68	69.1	6.61	73.9	7.09	78.8	7.53	88.4	8.55	98.1	9.56
	12	49.7	4.93	59.4	5.77	69.1	6.69	73.9	7.18	78.8	7.67	88.4	8.68	98.1	9.74
	14	49.7	4.98	59.4	5.86	69.1	6.83	73.9	7.32	78.8	7.80	88.4	8.85	98.1	9.91
	16	49.7	5.07	59.4	5.99	69.1	6.92	73.9	7.44	78.8	7.98	88.4	9.03	98.1	10.09
	18	49.7	5.16	59.4	6.08	69.1	7.05	73.9	7.58	78.8	8.11	88.4	9.17	98.1	10.31
	20	49.7	5.24	59.4	6.17	69.1	7.18	73.9	7.71	78.8	8.24	88.4	9.34	98.1	10.53
	21	49.7	5.28	59.4	6.22	69.1	7.27	73.9	7.80	78.8	8.33	88.4	9.48	98.1	10.62
	23	49.7	5.37	59.4	6.34	69.1	7.36	73.9	7.93	78.8	8.50	88.4	9.83	98.1	11.28
	25	49.7	5.47	59.4	6.48	69.1	7.67	73.9	8.33	78.8	9.03	88.4	10.49	98.1	12.08
	27	49.7	5.64	59.4	6.83	69.1	8.15	73.9	8.85	78.8	9.60	88.4	11.15	98.1	12.86
	29	49.7	5.99	59.4	7.27	69.1	8.68	73.9	9.43	78.8	10.23	88.4	11.90	98.1	13.75
	31	49.7	6.34	59.4	7.71	69.1	9.20	73.9	10.04	78.8	10.89	88.4	12.69	98.1	14.62
	33	49.7	6.69	59.4	8.15	69.1	9.78	73.9	10.66	78.8	11.59	88.4	13.49	98.1	15.60
	35	49.7	7.09	59.4	8.68	69.1	10.40	73.9	11.33	78.8	12.29	88.4	14.36	98.1	16.57
	37	49.7	7.49	59.4	9.16	69.1	11.01	73.9	12.03	78.8	13.04	88.4	15.25	98.1	17.62
	39	49.7	7.96	59.4	9.76	69.1	11.89	73.9	12.91	78.8	14.03	88.4	16.35	98.1	18.89
	41	48.4	8.64	57.9	10.67	67.3	12.91	72.0	14.10	76.8	15.23	86.2	17.94	95.7	20.53
	43	47.3	9.39	56.5	11.62	65.6	14.08	70.2	15.37	74.8	16.61	84.0	19.59	93.3	22.41
46	44.3	10.51	52.9	13.05	61.6	15.83	65.8	17.27	70.2	18.70	78.8	22.06	87.4	25.54	
48	39.2	9.16	46.8	11.38	54.4	13.83	58.3	15.09	62.0	16.33	69.7	19.29	77.3	22.34	
50	10	41.6	4.18	49.7	4.84	57.6	5.50	61.6	5.90	65.6	6.25	73.5	7.04	81.8	7.83
	12	41.6	4.23	49.7	4.88	57.6	5.58	61.6	5.98	65.6	6.37	73.5	7.17	81.8	7.97
	14	41.6	4.27	49.7	4.97	57.6	5.67	61.6	6.07	65.6	6.46	73.5	7.25	81.8	8.09
	16	41.6	4.35	49.7	5.06	57.6	5.76	61.6	6.20	65.6	6.55	73.5	7.39	81.8	8.23
	18	41.6	4.40	49.7	5.11	57.6	5.85	61.6	6.29	65.6	6.69	73.5	7.52	81.8	8.41
	20	41.6	4.44	49.7	5.19	57.6	5.98	61.6	6.37	65.6	6.81	73.5	7.65	81.8	8.58
	21	41.6	4.49	49.7	5.23	57.6	6.02	61.6	6.46	65.6	6.86	73.5	7.74	81.8	8.67
	23	41.6	4.58	49.7	5.32	57.6	6.11	61.6	6.55	65.6	6.99	73.5	7.88	81.8	8.84
	25	41.6	4.62	49.7	5.41	57.6	6.25	61.6	6.69	65.6	7.21	73.5	8.27	81.8	9.46
	27	41.6	4.71	49.7	5.58	57.6	6.60	61.6	7.13	65.6	7.65	73.5	8.84	81.8	10.07
	29	41.6	4.97	49.7	5.94	57.6	6.99	61.6	7.57	65.6	8.14	73.5	9.37	81.8	10.69
	31	41.6	5.23	49.7	6.29	57.6	7.43	61.6	8.00	65.6	8.67	73.5	9.99	81.8	11.39
	33	41.6	5.54	49.7	6.64	57.6	7.88	61.6	8.49	65.6	9.20	73.5	10.60	81.8	12.14
	35	41.6	5.85	49.7	7.04	57.6	8.32	61.6	9.02	65.6	9.72	73.5	11.22	81.8	12.89
	37	41.6	6.20	49.7	7.43	57.6	8.80	61.6	9.55	65.6	10.29	73.5	11.97	81.8	13.68
	39	41.6	6.62	49.7	7.97	57.6	9.43	61.6	10.27	65.6	11.04	73.5	12.74	81.8	14.78
	41	40.5	7.16	48.4	8.62	56.1	10.31	60.0	11.13	63.8	11.97	71.6	13.97	79.7	16.04
	43	39.6	7.78	47.3	9.38	54.8	11.22	58.5	12.11	62.3	13.03	69.8	15.23	77.8	17.50
46	37.0	8.71	44.3	10.52	51.3	12.58	54.8	13.61	58.3	14.62	65.4	17.14	72.9	19.71	
48	32.8	7.59	39.2	9.18	45.4	10.97	48.6	11.88	51.7	12.76	57.9	14.98	64.5	17.22	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM460BTE5

Cooling Capacity (46HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	117.7	13.03	140.3	15.92	150.3	18.47	154.6	18.85	158.9	19.00	166.6	19.15	170.9	19.22
	12	117.7	13.35	140.3	16.49	150.3	19.23	154.6	19.35	158.9	19.51	166.6	19.67	170.9	19.84
	14	117.7	13.80	140.3	17.09	150.3	19.95	154.6	20.10	158.9	20.26	166.6	20.41	170.9	20.60
	16	117.7	14.30	140.3	17.68	150.3	20.84	154.6	21.04	158.9	21.21	166.6	21.40	170.9	21.56
	18	117.7	14.90	140.3	18.70	150.3	21.80	154.6	22.27	158.9	22.45	166.6	22.67	170.9	22.83
	20	117.7	15.55	140.3	19.93	150.3	22.88	154.6	24.50	158.9	24.70	164.2	24.94	168.5	25.11
	21	117.7	15.96	140.3	20.63	150.3	23.36	154.6	25.92	158.9	26.13	163.3	26.39	167.5	26.57
	23	117.7	17.13	140.3	21.70	150.3	24.57	154.6	28.61	156.9	28.84	160.8	29.13	165.2	29.32
	25	117.7	18.30	140.3	22.95	150.3	26.26	152.8	31.73	154.6	31.99	158.9	32.30	163.3	32.53
	27	117.7	19.58	140.3	24.53	148.4	27.98	150.3	34.93	152.8	35.20	156.9	35.56	160.8	35.80
	29	117.7	20.86	140.3	26.22	146.0	30.10	148.1	38.39	150.3	38.62	154.6	38.97	158.9	39.12
	31	117.7	22.26	139.8	27.63	143.6	32.02	146.0	38.23	148.1	38.45	152.2	38.80	156.6	38.95
	33	117.7	23.72	137.4	29.27	141.7	34.34	144.0	37.87	146.0	38.11	150.3	38.45	154.1	38.60
	35	117.7	25.29	134.9	30.65	139.3	37.20	141.7	37.39	144.0	37.61	147.9	37.95	152.2	38.09
	37	117.7	26.97	133.0	32.17	137.4	36.70	139.3	36.89	141.7	37.11	145.5	37.44	149.9	37.59
	39	117.7	28.72	130.7	33.86	134.9	36.22	137.4	36.39	139.3	36.61	143.6	36.94	147.9	37.09
41	114.8	30.47	125.3	35.55	129.5	35.72	131.5	35.90	134.0	36.11	138.0	36.44	141.8	36.59	
43	111.9	32.13	120.0	35.05	124.2	35.23	126.1	35.41	128.6	35.62	132.6	35.94	136.2	36.08	
46	104.9	34.39	109.5	34.33	113.5	34.50	115.2	34.67	117.7	34.88	121.3	35.18	124.7	35.33	
48	92.8	33.44	95.1	33.53	98.7	33.60	100.2	33.70	102.4	33.99	105.6	34.20	108.6	34.33	
120	10	108.9	11.72	129.5	14.37	141.5	17.07	145.8	18.46	150.1	18.74	158.3	18.82	162.2	18.97
	12	108.9	12.04	129.5	14.86	141.5	17.76	145.8	18.85	150.1	19.44	158.3	19.67	162.2	19.83
	14	108.9	12.45	129.5	15.36	141.5	18.48	145.8	19.56	150.1	20.15	158.3	20.45	162.2	20.61
	16	108.9	12.90	129.5	15.99	141.5	19.19	145.8	20.29	150.1	21.08	158.3	21.34	162.2	21.51
	18	108.9	13.40	129.5	16.70	141.5	19.96	145.8	21.36	150.1	22.17	158.3	22.42	162.2	22.60
	20	108.9	13.92	129.5	17.72	141.5	21.04	145.8	22.47	150.1	23.34	158.3	23.64	162.2	23.84
	21	108.9	14.34	129.5	18.35	141.5	21.62	145.8	23.14	150.1	24.11	158.3	24.42	162.2	24.61
	23	108.9	15.33	129.5	19.63	141.5	23.17	145.8	24.59	150.1	25.70	158.3	25.96	162.2	26.17
	25	108.9	16.37	129.5	21.04	141.5	24.44	145.8	26.20	150.1	27.56	156.4	27.79	160.2	28.02
	27	108.9	17.48	129.5	22.49	141.5	26.01	145.8	28.00	150.1	29.62	153.9	29.82	157.9	30.06
	29	108.9	18.65	129.5	24.01	141.5	27.37	145.8	29.97	147.7	31.57	151.6	32.04	155.9	32.30
	31	108.9	19.87	129.5	25.64	141.5	28.78	143.9	32.10	145.8	33.86	149.7	34.46	153.5	34.74
	33	108.9	21.15	129.5	27.33	139.6	30.45	141.5	34.85	143.4	36.35	147.2	36.78	151.1	37.07
	35	108.9	22.49	129.5	29.13	137.2	32.23	139.1	38.39	141.5	38.58	145.3	38.69	149.1	39.00
	37	108.9	24.20	129.5	30.75	135.3	34.36	137.2	37.58	139.1	37.76	143.0	37.88	146.8	38.19
	39	108.9	26.05	129.0	32.49	132.9	36.44	134.8	36.81	136.7	37.00	141.1	37.11	144.9	37.39
41	106.2	27.90	123.4	34.24	127.6	35.72	129.4	36.04	131.3	36.22	135.1	36.33	138.9	36.61	
43	103.5	29.78	118.2	33.75	122.3	34.92	124.0	35.26	125.9	35.44	129.6	35.55	133.4	35.83	
46	97.0	32.02	107.8	32.95	111.7	33.83	113.3	34.11	115.0	34.27	118.6	34.38	122.1	34.65	
48	85.8	31.36	93.6	32.36	97.1	33.16	98.5	33.37	100.1	33.48	103.1	33.61	106.2	33.75	
110	10	99.7	10.54	118.8	12.84	132.7	15.26	136.5	16.52	145.1	17.78	148.5	18.28	158.5	18.58
	12	99.7	10.87	118.8	13.28	132.7	15.90	136.5	16.98	145.1	18.45	148.5	19.04	158.5	19.48
	14	99.7	11.21	118.8	13.88	132.7	16.61	136.5	17.83	145.1	19.37	148.5	19.93	158.5	20.35
	16	99.7	11.61	118.8	14.38	132.7	17.30	136.5	18.61	145.1	20.27	148.5	20.82	158.5	21.19
	18	99.7	12.04	118.8	14.99	132.7	18.30	136.5	19.59	145.1	21.38	148.5	21.80	158.5	22.21
	20	99.7	12.47	118.8	15.73	132.7	19.41	136.5	20.49	145.1	22.42	148.5	22.97	158.5	23.34
	21	99.7	12.75	118.8	16.20	132.7	19.91	136.5	21.04	145.1	23.04	148.5	23.62	158.5	23.99
	23	99.7	13.58	118.8	17.37	132.7	21.02	136.5	22.21	145.1	24.34	148.5	24.87	158.5	25.28
	25	99.7	14.51	118.8	18.53	132.7	22.20	136.5	23.49	145.1	25.72	148.5	26.09	156.6	26.63
	27	99.7	15.50	118.8	19.82	132.7	23.46	136.5	24.86	145.1	26.87	148.5	27.48	154.3	27.94
	29	99.7	16.55	118.8	21.15	132.7	24.79	136.5	26.33	145.1	28.39	148.5	28.87	152.4	29.32
	31	99.7	17.59	118.8	22.55	132.7	26.20	136.5	27.89	142.8	29.83	146.6	30.41	149.9	30.73
	33	99.7	18.76	118.8	24.01	132.7	27.68	136.5	29.56	140.8	31.50	144.2	32.02	148.0	32.20
	35	99.7	19.93	118.8	25.64	132.7	29.23	136.5	31.32	138.4	33.25	141.8	33.55	145.7	33.72
	37	99.7	21.12	118.8	27.22	132.7	30.86	134.6	33.18	136.1	35.07	139.9	35.18	143.2	35.28
	39	99.7	22.77	118.8	28.91	130.3	32.56	132.2	35.49	134.2	36.80	137.5	36.86	141.3	36.89
41	97.1	24.42	115.8	30.62	124.7	34.33	126.7	38.39	128.3	38.39	132.1	38.69	135.3	39.00	
43	94.7	25.64	112.9	31.90	119.6	36.41	121.5	36.82	123.1	36.74	126.7	36.95	129.9	37.06	
46	88.7	25.03	105.8	30.80	109.1	34.55	111.0	34.55	112.4	34.85	115.8	35.05	118.8	35.14	
48	78.5	24.31	92.0	29.67	94.7	32.88	96.4	33.10	97.7	33.26	100.8	33.35	103.4	33.49	

7. Capacity Tables

Cooling Capacity (46HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	87.0	9.50	103.5	11.54	120.5	13.69	128.8	14.79	137.1	15.89	152.0	17.69	155.3	17.83
	12	87.0	9.80	103.5	12.01	120.5	14.15	128.8	15.19	137.1	16.40	152.0	18.65	155.3	18.83
	14	87.0	10.10	103.5	12.49	120.5	14.75	128.8	15.85	137.1	17.11	152.0	19.69	155.3	19.87
	16	87.0	10.41	103.5	12.90	120.5	15.38	128.8	16.59	137.1	18.02	152.0	20.63	155.3	20.93
	18	87.0	10.72	103.5	13.38	120.5	15.97	128.8	17.41	137.1	19.11	152.0	21.80	155.3	21.97
	20	87.0	11.10	103.5	13.88	120.5	16.90	128.8	18.65	137.1	20.45	152.0	22.84	155.3	23.03
	21	87.0	11.34	103.5	14.22	120.5	17.48	128.8	19.28	137.1	21.21	152.0	23.36	155.3	23.55
	23	87.0	12.01	103.5	15.21	120.5	18.76	128.8	20.69	137.1	22.73	152.0	24.47	155.3	24.66
	25	87.0	12.76	103.5	16.20	120.5	20.04	128.8	22.14	137.1	24.30	152.0	25.51	154.1	25.72
	27	87.0	13.64	103.5	17.31	120.5	21.45	128.8	23.66	137.1	25.83	149.1	26.72	152.2	26.93
	29	87.0	14.51	103.5	18.48	120.5	22.90	128.8	25.29	137.1	27.35	146.2	27.79	149.9	28.02
	31	87.0	15.50	103.5	19.69	120.5	24.42	128.8	26.98	137.1	28.73	144.1	28.86	147.6	29.10
	33	87.0	16.44	103.5	20.98	120.5	26.05	128.8	28.78	137.1	29.82	141.8	29.93	145.3	30.18
	35	87.0	17.48	103.5	22.32	120.5	27.74	128.8	30.71	135.0	30.89	139.2	31.01	142.8	31.26
	37	87.0	18.72	103.5	23.94	120.5	29.38	128.8	32.17	132.8	32.33	136.6	32.46	139.9	32.77
	39	87.0	20.08	103.5	25.72	120.5	31.14	128.8	33.75	130.5	33.90	134.4	34.02	137.6	34.34
	41	85.5	21.42	101.8	27.50	118.6	32.88	123.6	35.31	126.3	35.46	129.2	35.59	133.4	35.92
	43	82.6	22.67	98.3	29.15	114.6	34.46	118.5	36.67	119.8	36.80	123.6	36.92	126.8	37.26
46	77.4	24.38	92.2	31.42	107.3	36.55	108.1	38.39	109.4	38.50	112.9	38.61	115.9	38.98	
48	68.5	21.06	81.5	27.18	92.6	31.25	94.1	32.57	95.0	32.68	98.1	32.75	100.8	33.01	
90	10	78.2	8.24	93.4	9.91	108.5	11.69	115.9	12.60	123.3	13.57	138.4	15.18	153.7	16.89
	12	78.2	8.35	93.4	10.07	108.5	11.90	115.9	12.86	123.3	13.87	138.4	15.48	153.7	17.18
	14	78.2	8.50	93.4	10.27	108.5	12.14	115.9	13.11	123.3	14.12	138.4	15.78	153.7	17.53
	16	78.2	8.65	93.4	10.47	108.5	12.40	115.9	13.36	123.3	14.37	138.4	16.08	153.7	17.83
	18	78.2	8.80	93.4	10.68	108.5	12.60	115.9	13.66	123.3	14.68	138.4	16.43	153.7	18.73
	20	78.2	8.96	93.4	10.88	108.5	12.86	115.9	13.92	123.3	15.24	138.4	17.58	153.7	19.62
	21	78.2	9.06	93.4	10.99	108.5	13.11	115.9	14.37	123.3	15.79	138.4	17.87	153.7	20.07
	23	78.2	9.26	93.4	11.44	108.5	14.02	115.9	15.44	123.3	16.91	138.4	18.95	151.6	21.01
	25	78.2	9.72	93.4	12.20	108.5	14.98	115.9	16.50	123.3	18.06	138.4	20.27	149.3	21.92
	27	78.2	10.38	93.4	13.01	108.5	16.00	115.9	17.61	123.3	19.34	138.4	21.55	147.2	22.94
	29	78.2	10.99	93.4	13.87	108.5	17.11	115.9	18.82	123.3	20.64	138.4	22.83	144.9	23.87
	31	78.2	11.69	93.4	14.78	108.5	18.22	115.9	20.04	123.3	22.01	138.4	23.96	142.8	24.79
	33	78.2	12.45	93.4	15.74	108.5	19.43	115.9	21.36	123.3	23.35	138.4	25.12	140.5	25.71
	35	78.2	13.21	93.4	16.70	108.5	20.64	115.9	22.77	123.3	24.76	136.1	26.56	138.4	27.17
	37	78.2	14.02	93.4	17.76	108.5	22.01	115.9	24.19	123.3	26.13	133.9	27.77	136.2	28.39
	39	78.2	14.85	93.4	18.89	108.5	23.30	115.9	25.74	123.3	27.49	131.7	29.27	134.0	29.62
	41	76.2	16.61	91.0	20.95	105.8	25.58	112.9	28.16	120.2	29.68	126.2	30.85	128.4	31.56
	43	74.3	17.93	88.7	22.64	103.1	27.94	110.2	30.32	117.1	31.81	121.0	33.04	123.2	33.43
46	69.6	20.18	83.2	25.78	96.6	31.83	103.3	34.38	106.4	35.34	110.4	36.27	112.5	36.32	
48	61.6	17.63	73.6	22.55	85.5	27.84	91.3	29.99	92.4	30.46	96.0	31.22	97.8	31.26	
80	10	69.4	6.88	82.8	8.26	96.2	9.70	103.1	10.46	110.0	11.23	123.3	12.80	136.6	13.90
	12	69.4	7.02	82.8	8.35	96.2	9.89	103.1	10.65	110.0	11.41	123.3	13.04	136.6	14.17
	14	69.4	7.12	82.8	8.55	96.2	10.03	103.1	10.84	110.0	11.60	123.3	13.28	136.6	14.45
	16	69.4	7.22	82.8	8.69	96.2	10.22	103.1	11.04	110.0	11.84	123.3	13.56	136.6	14.72
	18	69.4	7.35	82.8	8.83	96.2	10.41	103.1	11.23	110.0	12.08	123.3	13.80	136.6	15.05
	20	69.4	7.50	82.8	9.02	96.2	10.65	103.1	11.47	110.0	12.32	123.3	14.33	136.6	15.94
	21	69.4	7.55	82.8	9.13	96.2	10.74	103.1	11.60	110.0	12.61	123.3	14.79	136.6	16.36
	23	69.4	7.69	82.8	9.26	96.2	11.23	103.1	12.32	110.0	13.47	123.3	15.61	136.6	17.17
	25	69.4	7.98	82.8	9.89	96.2	12.04	103.1	13.18	110.0	14.42	123.3	16.70	136.6	18.37
	27	69.4	8.46	82.8	10.50	96.2	12.84	103.1	14.09	110.0	15.38	123.3	17.74	136.6	19.32
	29	69.4	8.98	82.8	11.23	96.2	13.66	103.1	14.99	110.0	16.43	123.3	19.02	136.6	20.67
	31	69.4	9.55	82.8	11.89	96.2	14.57	103.1	16.00	110.0	17.48	123.3	20.17	136.6	21.71
	33	69.4	10.13	82.8	12.71	96.2	15.53	103.1	17.05	110.0	18.63	123.3	21.26	136.6	22.76
	35	69.4	10.74	82.8	13.47	96.2	16.53	103.1	18.15	110.0	19.87	123.3	22.54	135.1	23.59
	37	69.4	11.37	82.8	14.32	96.2	17.53	103.1	19.30	110.0	21.11	123.3	23.79	133.0	24.66
	39	69.4	12.01	82.8	15.14	96.2	18.76	103.1	20.74	110.0	22.69	123.3	25.14	130.8	26.02
	41	67.7	13.29	80.7	16.78	93.7	20.58	100.4	22.73	107.1	24.92	120.2	27.98	125.3	28.83
	43	66.0	14.63	78.7	18.31	91.4	22.47	97.9	24.79	104.5	27.24	117.1	29.93	120.2	30.86
46	61.9	16.27	73.8	20.62	85.6	25.31	91.8	27.58	97.9	30.74	107.1	32.68	109.6	33.20	
48	54.8	14.21	65.2	18.03	75.7	22.14	81.2	24.09	86.6	26.91	93.0	28.28	95.3	28.58	

7. Capacity Tables

Cooling Capacity (46HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	60.7	6.01	72.7	7.14	84.2	8.28	90.1	8.94	96.2	9.56	107.7	10.89	119.6	12.17
	12	60.7	6.10	72.7	7.24	84.2	8.47	90.1	9.09	96.2	9.75	107.7	11.07	119.6	12.41
	14	60.7	6.20	72.7	7.33	84.2	8.61	90.1	9.22	96.2	9.89	107.7	11.31	119.6	12.63
	16	60.7	6.29	72.7	7.48	84.2	8.76	90.1	9.42	96.2	10.08	107.7	11.50	119.6	12.91
	18	60.7	6.38	72.7	7.62	84.2	8.94	90.1	9.61	96.2	10.27	107.7	11.69	119.6	13.13
	20	60.7	6.49	72.7	7.76	84.2	9.09	90.1	9.80	96.2	10.50	107.7	11.97	119.6	13.63
	21	60.7	6.58	72.7	7.81	84.2	9.18	90.1	9.89	96.2	10.60	107.7	12.17	119.6	13.92
	23	60.7	6.68	72.7	8.00	84.2	9.37	90.1	10.22	96.2	11.13	107.7	13.02	119.6	14.69
	25	60.7	6.77	72.7	8.28	84.2	9.98	90.1	10.93	96.2	11.88	107.7	13.91	119.6	15.41
	27	60.7	7.14	72.7	8.85	84.2	10.65	90.1	11.59	96.2	12.69	107.7	14.86	119.6	16.38
	29	60.7	7.62	72.7	9.37	84.2	11.31	90.1	12.35	96.2	13.49	107.7	15.86	119.6	17.55
	31	60.7	8.09	72.7	9.98	84.2	12.07	90.1	13.21	96.2	14.39	107.7	16.90	119.6	18.62
	33	60.7	8.57	72.7	10.55	84.2	12.82	90.1	14.01	96.2	15.29	107.7	17.98	119.6	19.82
	35	60.7	9.04	72.7	11.26	84.2	13.63	90.1	14.91	96.2	16.28	107.7	19.16	119.6	21.02
	37	60.7	9.61	72.7	11.93	84.2	14.49	90.1	15.86	96.2	17.32	107.7	20.40	119.6	22.18
	39	60.7	10.20	72.7	12.72	84.2	15.49	90.1	17.06	96.2	18.71	107.7	21.83	119.6	23.91
	41	59.2	11.28	70.8	13.93	82.0	16.99	87.8	18.71	93.7	20.35	104.9	23.98	116.5	25.80
	43	57.7	12.28	69.0	15.19	80.0	18.53	85.7	20.40	91.4	22.21	102.3	26.19	113.7	27.88
46	54.1	13.64	64.8	17.08	75.0	20.87	80.3	22.72	85.6	25.04	95.8	29.55	106.5	31.09	
48	47.9	11.91	57.3	14.92	66.3	18.25	71.1	19.86	75.7	21.91	84.8	25.86	94.3	26.90	
60	10	52.0	5.16	62.1	6.05	72.2	7.03	77.3	7.55	82.4	8.01	92.4	9.10	102.6	10.18
	12	52.0	5.25	62.1	6.14	72.2	7.12	77.3	7.64	82.4	8.16	92.4	9.24	102.6	10.37
	14	52.0	5.30	62.1	6.23	72.2	7.27	77.3	7.79	82.4	8.30	92.4	9.42	102.6	10.55
	16	52.0	5.39	62.1	6.38	72.2	7.36	77.3	7.92	82.4	8.49	92.4	9.61	102.6	10.74
	18	52.0	5.49	62.1	6.47	72.2	7.51	77.3	8.07	82.4	8.63	92.4	9.75	102.6	10.98
	20	52.0	5.58	62.1	6.56	72.2	7.64	77.3	8.20	82.4	8.77	92.4	9.94	102.6	11.20
	21	52.0	5.62	62.1	6.62	72.2	7.74	77.3	8.30	82.4	8.86	92.4	10.09	102.6	11.30
	23	52.0	5.72	62.1	6.75	72.2	7.83	77.3	8.44	82.4	9.05	92.4	10.46	102.6	12.00
	25	52.0	5.82	62.1	6.90	72.2	8.16	77.3	8.86	82.4	9.61	92.4	11.16	102.6	12.85
	27	52.0	6.01	62.1	7.27	72.2	8.68	77.3	9.42	82.4	10.22	92.4	11.87	102.6	13.69
	29	52.0	6.38	62.1	7.74	72.2	9.24	77.3	10.03	82.4	10.88	92.4	12.66	102.6	14.63
	31	52.0	6.75	62.1	8.20	72.2	9.80	77.3	10.69	82.4	11.59	92.4	13.50	102.6	15.56
	33	52.0	7.12	62.1	8.68	72.2	10.41	77.3	11.35	82.4	12.33	92.4	14.35	102.6	16.60
	35	52.0	7.55	62.1	9.24	72.2	11.07	77.3	12.05	82.4	13.08	92.4	15.28	102.6	17.63
	37	52.0	7.97	62.1	9.75	72.2	11.72	77.3	12.80	82.4	13.88	92.4	16.23	102.6	18.75
	39	52.0	8.48	62.1	10.38	72.2	12.65	77.3	13.74	82.4	14.93	92.4	17.40	102.6	20.10
	41	50.6	9.20	60.5	11.35	70.4	13.74	75.3	15.00	80.3	16.21	90.1	19.09	100.0	21.84
	43	49.4	9.99	59.0	12.37	68.6	14.98	73.4	16.35	78.2	17.68	87.8	20.84	97.5	23.85
46	46.3	11.19	55.4	13.89	64.4	16.84	68.8	18.38	73.4	19.90	82.4	23.48	91.4	27.18	
48	41.0	9.75	48.9	12.11	56.9	14.72	60.9	16.06	64.8	17.38	72.8	20.53	80.9	23.78	
50	10	43.5	4.41	52.0	5.11	60.2	5.80	64.4	6.23	68.6	6.60	76.8	7.43	85.5	8.27
	12	43.5	4.46	52.0	5.16	60.2	5.90	64.4	6.32	68.6	6.73	76.8	7.57	85.5	8.41
	14	43.5	4.51	52.0	5.25	60.2	5.99	64.4	6.41	68.6	6.83	76.8	7.66	85.5	8.55
	16	43.5	4.60	52.0	5.34	60.2	6.08	64.4	6.55	68.6	6.92	76.8	7.80	85.5	8.69
	18	43.5	4.65	52.0	5.39	60.2	6.18	64.4	6.64	68.6	7.06	76.8	7.94	85.5	8.88
	20	43.5	4.69	52.0	5.49	60.2	6.32	64.4	6.73	68.6	7.20	76.8	8.08	85.5	9.06
	21	43.5	4.74	52.0	5.53	60.2	6.36	64.4	6.83	68.6	7.25	76.8	8.18	85.5	9.16
	23	43.5	4.84	52.0	5.62	60.2	6.45	64.4	6.92	68.6	7.38	76.8	8.32	85.5	9.34
	25	43.5	4.88	52.0	5.71	60.2	6.60	64.4	7.06	68.6	7.62	76.8	8.73	85.5	9.99
	27	43.5	4.97	52.0	5.90	60.2	6.97	64.4	7.53	68.6	8.08	76.8	9.34	85.5	10.64
	29	43.5	5.25	52.0	6.27	60.2	7.38	64.4	7.99	68.6	8.60	76.8	9.90	85.5	11.29
	31	43.5	5.53	52.0	6.64	60.2	7.85	64.4	8.45	68.6	9.16	76.8	10.55	85.5	12.03
	33	43.5	5.86	52.0	7.01	60.2	8.32	64.4	8.97	68.6	9.71	76.8	11.20	85.5	12.83
	35	43.5	6.18	52.0	7.43	60.2	8.78	64.4	9.53	68.6	10.27	76.8	11.85	85.5	13.61
	37	43.5	6.55	52.0	7.85	60.2	9.29	64.4	10.08	68.6	10.87	76.8	12.64	85.5	14.44
	39	43.5	6.99	52.0	8.42	60.2	9.96	64.4	10.85	68.6	11.66	76.8	13.46	85.5	15.61
	41	42.4	7.56	50.6	9.11	58.7	10.88	62.7	11.75	66.7	12.64	74.9	14.76	83.4	16.95
	43	41.4	8.21	49.4	9.90	57.3	11.85	61.2	12.79	65.2	13.76	73.0	16.09	81.3	18.49
46	38.7	9.20	46.3	11.11	53.7	13.29	57.3	14.37	61.0	15.45	68.4	18.10	76.2	20.82	
48	34.3	8.01	41.0	9.69	47.5	11.59	50.8	12.55	54.0	13.48	60.5	15.82	67.4	18.19	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM480BTE5

Cooling Capacity (48HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	122.8	14.04	146.4	17.16	156.8	19.90	161.4	20.32	165.8	20.48	173.8	20.64	178.4	20.72
	12	122.8	14.38	146.4	17.78	156.8	20.72	161.4	20.86	165.8	21.02	173.8	21.20	178.4	21.38
	14	122.8	14.88	146.4	18.42	156.8	21.50	161.4	21.66	165.8	21.84	173.8	22.00	178.4	22.20
	16	122.8	15.42	146.4	19.06	156.8	22.46	161.4	22.68	165.8	22.86	173.8	23.06	178.4	23.24
	18	122.8	16.06	146.4	20.16	156.8	23.50	161.4	24.00	165.8	24.20	173.8	24.44	178.4	24.60
	20	122.8	16.76	146.4	21.48	156.8	24.66	161.4	26.40	165.8	26.62	171.4	26.88	175.8	27.06
	21	122.8	17.20	146.4	22.24	156.8	25.18	161.4	27.94	165.8	28.16	170.4	28.44	174.8	28.64
	23	122.8	18.46	146.4	23.38	156.8	26.48	161.4	30.84	163.8	31.08	167.8	31.40	172.4	31.60
	25	122.8	19.72	146.4	24.74	156.8	28.30	159.4	34.20	161.4	34.48	165.8	34.82	170.4	35.06
	27	122.8	21.10	146.4	26.44	154.8	30.16	156.8	37.64	159.4	37.94	163.8	38.32	167.8	38.58
	29	122.8	22.48	146.4	28.26	152.4	32.44	154.6	41.38	156.8	41.62	161.4	42.00	165.8	42.16
	31	122.8	24.00	145.8	29.78	149.8	34.52	152.4	41.20	154.6	41.44	158.8	41.82	163.4	41.98
	33	122.8	25.56	143.4	31.54	147.8	37.02	150.2	40.82	152.4	41.08	156.8	41.44	160.8	41.60
	35	122.8	27.26	140.8	33.04	145.4	40.10	147.8	40.30	150.2	40.54	154.4	40.90	158.8	41.06
	37	122.8	29.06	138.8	34.68	143.4	39.56	145.4	39.76	147.8	40.00	151.8	40.36	156.4	40.52
	39	122.8	30.96	136.4	36.50	140.8	39.04	143.4	39.22	145.4	39.46	149.8	39.82	154.4	39.98
	41	119.8	32.84	130.8	38.32	135.2	38.50	137.2	38.70	139.8	38.92	144.0	39.28	148.0	39.44
	43	116.8	34.64	125.2	37.78	129.6	37.98	131.6	38.16	134.2	38.40	138.4	38.74	142.2	38.88
46	109.4	37.06	114.2	37.00	118.4	37.18	120.2	37.36	122.8	37.60	126.6	37.92	130.2	38.08	
48	96.8	36.04	99.2	36.14	103.0	36.22	104.6	36.32	106.8	36.64	110.2	36.86	113.4	37.00	
120	10	113.6	12.64	135.2	15.48	147.6	18.40	152.2	19.90	156.6	20.20	165.2	20.28	169.2	20.44
	12	113.6	12.98	135.2	16.02	147.6	19.14	152.2	20.32	156.6	20.96	165.2	21.20	169.2	21.38
	14	113.6	13.42	135.2	16.56	147.6	19.92	152.2	21.08	156.6	21.72	165.2	22.04	169.2	22.22
	16	113.6	13.90	135.2	17.24	147.6	20.68	152.2	21.86	156.6	22.72	165.2	23.00	169.2	23.18
	18	113.6	14.44	135.2	18.00	147.6	21.52	152.2	23.02	156.6	23.90	165.2	24.16	169.2	24.36
	20	113.6	15.00	135.2	19.10	147.6	22.68	152.2	24.22	156.6	25.16	165.2	25.48	169.2	25.70
	21	113.6	15.46	135.2	19.78	147.6	23.30	152.2	24.94	156.6	25.98	165.2	26.32	169.2	26.52
	23	113.6	16.52	135.2	21.16	147.6	24.98	152.2	26.50	156.6	27.70	165.2	27.98	169.2	28.20
	25	113.6	17.64	135.2	22.68	147.6	26.34	152.2	28.24	156.6	29.70	163.2	29.96	167.2	30.20
	27	113.6	18.84	135.2	24.24	147.6	28.04	152.2	30.18	156.6	31.92	160.6	32.14	164.8	32.40
	29	113.6	20.10	135.2	25.88	147.6	29.50	152.2	32.30	154.2	34.02	158.2	34.54	162.6	34.82
	31	113.6	21.42	135.2	27.64	147.6	31.02	150.2	34.60	152.2	36.50	156.2	37.14	160.2	37.44
	33	113.6	22.80	135.2	29.46	145.6	32.82	147.6	37.56	149.6	39.18	153.6	39.64	157.6	39.96
	35	113.6	24.24	135.2	31.40	143.2	34.74	145.2	41.38	147.6	41.58	151.6	41.70	155.6	42.04
	37	113.6	26.08	135.2	33.14	141.2	37.04	143.2	40.50	145.2	40.70	149.2	40.82	153.2	41.16
	39	113.6	28.08	134.6	35.02	138.6	39.28	140.6	39.68	142.6	39.88	147.2	40.00	151.2	40.30
	41	110.8	30.08	128.8	36.90	133.2	38.50	135.0	38.84	137.0	39.04	141.0	39.16	145.0	39.46
	43	108.0	32.10	123.4	36.38	127.6	37.64	129.4	38.00	131.4	38.20	135.2	38.32	139.2	38.62
46	101.2	34.52	112.4	35.52	116.6	36.46	118.2	36.76	120.0	36.94	123.8	37.06	127.4	37.34	
48	89.6	33.80	97.6	34.88	101.4	35.74	102.8	35.96	104.4	36.08	107.6	36.22	110.8	36.38	
110	10	104.0	11.36	124.0	13.84	138.4	16.44	142.4	17.80	151.4	19.16	155.0	19.70	165.4	20.02
	12	104.0	11.72	124.0	14.32	138.4	17.14	142.4	18.30	151.4	19.88	155.0	20.52	165.4	21.00
	14	104.0	12.08	124.0	14.96	138.4	17.90	142.4	19.22	151.4	20.88	155.0	21.48	165.4	21.94
	16	104.0	12.52	124.0	15.50	138.4	18.64	142.4	20.06	151.4	21.84	155.0	22.44	165.4	22.84
	18	104.0	12.98	124.0	16.16	138.4	19.72	142.4	21.12	151.4	23.04	155.0	23.50	165.4	23.94
	20	104.0	13.44	124.0	16.96	138.4	20.92	142.4	22.08	151.4	24.16	155.0	24.76	165.4	25.16
	21	104.0	13.74	124.0	17.46	138.4	21.46	142.4	22.68	151.4	24.84	155.0	25.46	165.4	25.86
	23	104.0	14.64	124.0	18.72	138.4	22.66	142.4	23.94	151.4	26.24	155.0	26.80	165.4	27.24
	25	104.0	15.64	124.0	19.98	138.4	23.92	142.4	25.32	151.4	27.72	155.0	28.12	163.4	28.70
	27	104.0	16.70	124.0	21.36	138.4	25.28	142.4	26.80	151.4	28.96	155.0	29.62	161.0	30.12
	29	104.0	17.84	124.0	22.80	138.4	26.72	142.4	28.38	151.4	30.60	155.0	31.12	159.0	31.60
	31	104.0	18.96	124.0	24.30	138.4	28.24	142.4	30.06	149.0	32.16	153.0	32.78	156.4	33.12
	33	104.0	20.22	124.0	25.88	138.4	29.84	142.4	31.86	147.0	33.96	150.4	34.52	154.4	34.70
	35	104.0	21.48	124.0	27.64	138.4	31.50	142.4	33.76	144.4	35.84	148.0	36.16	152.0	36.34
	37	104.0	22.76	124.0	29.34	138.4	33.26	140.4	35.76	142.0	37.80	146.0	37.92	149.4	38.02
	39	104.0	24.54	124.0	31.16	136.0	35.10	138.0	38.26	140.0	39.66	143.4	39.72	147.4	39.76
	41	101.4	26.32	120.8	33.00	130.2	37.00	132.2	41.38	133.8	41.38	137.8	41.70	141.2	42.04
	43	98.8	27.64	117.8	34.38	124.8	39.24	126.8	39.68	128.4	39.60	132.2	39.82	135.6	39.94
46	92.6	26.98	110.4	33.20	113.8	37.24	115.8	37.24	117.2	37.56	120.8	37.78	124.0	37.88	
48	82.0	26.20	96.0	31.98	98.8	35.44	100.6	35.68	102.0	35.84	105.2	35.94	107.8	36.10	

7. Capacity Tables

Cooling Capacity (48HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	90.8	10.24	108.0	12.44	125.8	14.76	134.4	15.94	143.0	17.12	158.6	19.06	162.0	19.22
	12	90.8	10.56	108.0	12.94	125.8	15.26	134.4	16.38	143.0	17.68	158.6	20.10	162.0	20.30
	14	90.8	10.88	108.0	13.46	125.8	15.90	134.4	17.08	143.0	18.44	158.6	21.22	162.0	21.42
	16	90.8	11.22	108.0	13.90	125.8	16.58	134.4	17.88	143.0	19.42	158.6	22.24	162.0	22.56
	18	90.8	11.56	108.0	14.42	125.8	17.22	134.4	18.76	143.0	20.60	158.6	23.50	162.0	23.68
	20	90.8	11.96	108.0	14.96	125.8	18.22	134.4	20.10	143.0	22.04	158.6	24.62	162.0	24.82
	21	90.8	12.22	108.0	15.32	125.8	18.84	134.4	20.78	143.0	22.86	158.6	25.18	162.0	25.38
	23	90.8	12.94	108.0	16.40	125.8	20.22	134.4	22.30	143.0	24.50	158.6	26.38	162.0	26.58
	25	90.8	13.76	108.0	17.46	125.8	21.60	134.4	23.86	143.0	26.20	158.6	27.50	160.8	27.72
	27	90.8	14.70	108.0	18.66	125.8	23.12	134.4	25.50	143.0	27.84	155.6	28.80	158.8	29.02
	29	90.8	15.64	108.0	19.92	125.8	24.68	134.4	27.26	143.0	29.48	152.6	29.96	156.4	30.20
	31	90.8	16.70	108.0	21.22	125.8	26.32	134.4	29.08	143.0	30.96	150.4	31.10	154.0	31.36
	33	90.8	17.72	108.0	22.62	125.8	28.08	134.4	31.02	143.0	32.14	148.0	32.26	151.6	32.52
	35	90.8	18.84	108.0	24.06	125.8	29.90	134.4	33.10	140.8	33.30	145.2	33.42	149.0	33.70
	37	90.8	20.18	108.0	25.80	125.8	31.66	134.4	34.68	138.6	34.84	142.6	34.98	146.0	35.32
	39	90.8	21.64	108.0	27.72	125.8	33.56	134.4	36.38	136.2	36.54	140.2	36.66	143.6	37.02
	41	89.2	23.08	106.2	29.64	123.8	35.44	129.0	38.06	131.8	38.22	134.8	38.36	139.2	38.72
	43	86.2	24.44	102.6	31.42	119.6	37.14	123.6	39.52	125.0	39.66	129.0	39.80	132.4	40.16
46	80.8	26.28	96.2	33.86	112.0	39.40	112.8	41.38	114.2	41.50	117.8	41.62	121.0	42.02	
48	71.4	22.70	85.0	29.30	96.6	33.68	98.2	35.10	99.2	35.22	102.4	35.30	105.2	35.58	
90	10	81.6	8.88	97.4	10.68	113.2	12.60	121.0	13.58	128.6	14.62	144.4	16.36	160.4	18.20
	12	81.6	9.00	97.4	10.86	113.2	12.82	121.0	13.86	128.6	14.94	144.4	16.68	160.4	18.52
	14	81.6	9.16	97.4	11.06	113.2	13.08	121.0	14.12	128.6	15.22	144.4	17.00	160.4	18.88
	16	81.6	9.32	97.4	11.28	113.2	13.36	121.0	14.40	128.6	15.48	144.4	17.32	160.4	19.22
	18	81.6	9.48	97.4	11.50	113.2	13.58	121.0	14.72	128.6	15.82	144.4	17.70	160.4	20.18
	20	81.6	9.66	97.4	11.72	113.2	13.86	121.0	15.00	128.6	16.42	144.4	18.94	160.4	21.14
	21	81.6	9.76	97.4	11.84	113.2	14.12	121.0	15.48	128.6	17.02	144.4	19.26	160.4	21.62
	23	81.6	9.98	97.4	12.32	113.2	15.10	121.0	16.64	128.6	18.22	144.4	20.42	158.2	22.64
	25	81.6	10.48	97.4	13.14	113.2	16.14	121.0	17.78	128.6	19.46	144.4	21.84	155.8	23.62
	27	81.6	11.18	97.4	14.02	113.2	17.24	121.0	18.98	128.6	20.84	144.4	23.22	153.6	24.72
	29	81.6	11.84	97.4	14.94	113.2	18.44	121.0	20.28	128.6	22.24	144.4	24.60	151.2	25.72
	31	81.6	12.60	97.4	15.92	113.2	19.64	121.0	21.60	128.6	23.72	144.4	25.82	149.0	26.72
	33	81.6	13.42	97.4	16.96	113.2	20.94	121.0	23.02	128.6	25.16	144.4	27.06	146.6	27.70
	35	81.6	14.24	97.4	18.00	113.2	22.24	121.0	24.54	128.6	26.68	142.0	28.62	144.4	29.28
	37	81.6	15.10	97.4	19.14	113.2	23.72	121.0	26.06	128.6	28.16	139.8	29.92	142.2	30.60
	39	81.6	16.00	97.4	20.36	113.2	25.10	121.0	27.74	128.6	29.62	137.4	31.54	139.8	31.92
	41	79.6	17.90	95.0	22.58	110.4	27.56	117.8	30.34	125.4	31.98	131.6	33.24	134.0	34.00
	43	77.6	19.32	92.6	24.40	107.6	30.10	115.0	32.68	122.2	34.28	126.2	35.60	128.6	36.02
46	72.6	21.74	86.8	27.78	100.8	34.30	107.8	37.04	111.0	38.08	115.2	39.08	117.4	39.14	
48	64.2	19.00	76.8	24.30	89.2	30.00	95.2	32.32	96.4	32.82	100.2	33.64	102.0	33.68	
80	10	72.4	7.42	86.4	8.90	100.4	10.46	107.6	11.28	114.8	12.10	128.6	13.80	142.6	14.98
	12	72.4	7.56	86.4	9.00	100.4	10.66	107.6	11.48	114.8	12.30	128.6	14.06	142.6	15.28
	14	72.4	7.68	86.4	9.22	100.4	10.82	107.6	11.68	114.8	12.50	128.6	14.32	142.6	15.58
	16	72.4	7.78	86.4	9.36	100.4	11.02	107.6	11.90	114.8	12.76	128.6	14.62	142.6	15.86
	18	72.4	7.92	86.4	9.52	100.4	11.22	107.6	12.10	114.8	13.02	128.6	14.88	142.6	16.22
	20	72.4	8.08	86.4	9.72	100.4	11.48	107.6	12.36	114.8	13.28	128.6	15.44	142.6	17.18
	21	72.4	8.14	86.4	9.84	100.4	11.58	107.6	12.50	114.8	13.60	128.6	15.94	142.6	17.64
	23	72.4	8.28	86.4	9.98	100.4	12.10	107.6	13.28	114.8	14.52	128.6	16.82	142.6	18.50
	25	72.4	8.60	86.4	10.66	100.4	12.98	107.6	14.20	114.8	15.54	128.6	18.00	142.6	19.80
	27	72.4	9.12	86.4	11.32	100.4	13.84	107.6	15.18	114.8	16.58	128.6	19.12	142.6	20.82
	29	72.4	9.68	86.4	12.10	100.4	14.72	107.6	16.16	114.8	17.70	128.6	20.50	142.6	22.28
	31	72.4	10.30	86.4	12.82	100.4	15.70	107.6	17.24	114.8	18.84	128.6	21.74	142.6	23.40
	33	72.4	10.92	86.4	13.70	100.4	16.74	107.6	18.38	114.8	20.08	128.6	22.92	142.6	24.54
	35	72.4	11.58	86.4	14.52	100.4	17.82	107.6	19.56	114.8	21.42	128.6	24.30	141.0	25.42
	37	72.4	12.26	86.4	15.44	100.4	18.90	107.6	20.80	114.8	22.76	128.6	25.64	138.8	26.58
	39	72.4	12.94	86.4	16.32	100.4	20.22	107.6	22.36	114.8	24.46	128.6	27.10	136.4	28.04
	41	70.6	14.32	84.2	18.08	97.8	22.18	104.8	24.50	111.8	26.86	125.4	30.16	130.8	31.08
	43	68.8	15.76	82.2	19.74	95.4	24.22	102.2	26.72	109.0	29.36	122.2	32.26	125.4	33.26
46	64.6	17.54	77.0	22.22	89.4	27.28	95.8	29.72	102.2	33.14	111.8	35.22	114.4	35.78	
48	57.2	15.32	68.0	19.44	79.0	23.86	84.8	25.96	90.4	29.00	97.0	30.48	99.4	30.80	

7. Capacity Tables

Cooling Capacity (48HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	63.4	6.48	75.8	7.70	87.8	8.92	94.0	9.64	100.4	10.30	112.4	11.74	124.8	13.12
	12	63.4	6.58	75.8	7.80	87.8	9.14	94.0	9.80	100.4	10.52	112.4	11.94	124.8	13.38
	14	63.4	6.68	75.8	7.90	87.8	9.28	94.0	9.94	100.4	10.66	112.4	12.20	124.8	13.62
	16	63.4	6.78	75.8	8.06	87.8	9.44	94.0	10.16	100.4	10.86	112.4	12.40	124.8	13.92
	18	63.4	6.88	75.8	8.22	87.8	9.64	94.0	10.36	100.4	11.08	112.4	12.60	124.8	14.16
	20	63.4	7.00	75.8	8.36	87.8	9.80	94.0	10.56	100.4	11.32	112.4	12.90	124.8	14.70
	21	63.4	7.10	75.8	8.42	87.8	9.90	94.0	10.66	100.4	11.42	112.4	13.12	124.8	15.00
	23	63.4	7.20	75.8	8.62	87.8	10.10	94.0	11.02	100.4	12.00	112.4	14.04	124.8	15.84
	25	63.4	7.30	75.8	8.92	87.8	10.76	94.0	11.78	100.4	12.80	112.4	15.00	124.8	16.62
	27	63.4	7.70	75.8	9.54	87.8	11.48	94.0	12.50	100.4	13.68	112.4	16.02	124.8	17.66
	29	63.4	8.22	75.8	10.10	87.8	12.20	94.0	13.32	100.4	14.54	112.4	17.10	124.8	18.92
	31	63.4	8.72	75.8	10.76	87.8	13.02	94.0	14.24	100.4	15.52	112.4	18.22	124.8	20.08
	33	63.4	9.24	75.8	11.38	87.8	13.82	94.0	15.10	100.4	16.48	112.4	19.38	124.8	21.36
	35	63.4	9.74	75.8	12.14	87.8	14.70	94.0	16.08	100.4	17.56	112.4	20.66	124.8	22.66
	37	63.4	10.36	75.8	12.86	87.8	15.62	94.0	17.10	100.4	18.68	112.4	22.00	124.8	23.92
	39	63.4	11.00	75.8	13.72	87.8	16.70	94.0	18.40	100.4	20.18	112.4	23.54	124.8	25.78
	41	61.8	12.16	73.8	15.02	85.6	18.32	91.6	20.18	97.8	21.94	109.4	25.86	121.6	27.82
	43	60.2	13.24	72.0	16.38	83.4	19.98	89.4	22.00	95.4	23.94	106.8	28.24	118.6	30.06
46	56.4	14.70	67.6	18.42	78.2	22.50	83.8	24.50	89.4	27.00	100.0	31.86	111.2	33.52	
48	50.0	12.84	59.8	16.08	69.2	19.68	74.2	21.42	79.0	23.62	88.4	27.88	98.4	29.00	
60	10	54.2	5.56	64.8	6.52	75.4	7.58	80.6	8.14	86.0	8.64	96.4	9.82	107.0	10.98
	12	54.2	5.66	64.8	6.62	75.4	7.68	80.6	8.24	86.0	8.80	96.4	9.96	107.0	11.18
	14	54.2	5.72	64.8	6.72	75.4	7.84	80.6	8.40	86.0	8.96	96.4	10.16	107.0	11.38
	16	54.2	5.82	64.8	6.88	75.4	7.94	80.6	8.54	86.0	9.16	96.4	10.36	107.0	11.58
	18	54.2	5.92	64.8	6.98	75.4	8.10	80.6	8.70	86.0	9.30	96.4	10.52	107.0	11.84
	20	54.2	6.02	64.8	7.08	75.4	8.24	80.6	8.84	86.0	9.46	96.4	10.72	107.0	12.08
	21	54.2	6.06	64.8	7.14	75.4	8.34	80.6	8.96	86.0	9.56	96.4	10.88	107.0	12.18
	23	54.2	6.16	64.8	7.28	75.4	8.44	80.6	9.10	86.0	9.76	96.4	11.28	107.0	12.94
	25	54.2	6.28	64.8	7.44	75.4	8.80	80.6	9.56	86.0	10.36	96.4	12.04	107.0	13.86
	27	54.2	6.48	64.8	7.84	75.4	9.36	80.6	10.16	86.0	11.02	96.4	12.80	107.0	14.76
	29	54.2	6.88	64.8	8.34	75.4	9.96	80.6	10.82	86.0	11.74	96.4	13.66	107.0	15.78
	31	54.2	7.28	64.8	8.84	75.4	10.56	80.6	11.52	86.0	12.50	96.4	14.56	107.0	16.78
	33	54.2	7.68	64.8	9.36	75.4	11.22	80.6	12.24	86.0	13.30	96.4	15.48	107.0	17.90
	35	54.2	8.14	64.8	9.96	75.4	11.94	80.6	13.00	86.0	14.10	96.4	16.48	107.0	19.02
	37	54.2	8.60	64.8	10.52	75.4	12.64	80.6	13.80	86.0	14.96	96.4	17.50	107.0	20.22
	39	54.2	9.14	64.8	11.20	75.4	13.64	80.6	14.82	86.0	16.10	96.4	18.76	107.0	21.68
	41	52.8	9.92	63.2	12.24	73.4	14.82	78.6	16.18	83.8	17.48	94.0	20.58	104.4	23.56
	43	51.6	10.78	61.6	13.34	71.6	16.16	76.6	17.64	81.6	19.06	91.6	22.48	101.8	25.72
46	48.4	12.06	57.8	14.98	67.2	18.16	71.8	19.82	76.6	21.46	86.0	25.32	95.4	29.32	
48	42.8	10.52	51.0	13.06	59.4	15.88	63.6	17.32	67.6	18.74	76.0	22.14	84.4	25.64	
50	10	45.4	4.76	54.2	5.52	62.8	6.26	67.2	6.72	71.6	7.12	80.2	8.02	89.2	8.92
	12	45.4	4.82	54.2	5.56	62.8	6.36	67.2	6.82	71.6	7.26	80.2	8.16	89.2	9.08
	14	45.4	4.86	54.2	5.66	62.8	6.46	67.2	6.92	71.6	7.36	80.2	8.26	89.2	9.22
	16	45.4	4.96	54.2	5.76	62.8	6.56	67.2	7.06	71.6	7.46	80.2	8.42	89.2	9.38
	18	45.4	5.02	54.2	5.82	62.8	6.66	67.2	7.16	71.6	7.62	80.2	8.56	89.2	9.58
	20	45.4	5.06	54.2	5.92	62.8	6.82	67.2	7.26	71.6	7.76	80.2	8.72	89.2	9.78
	21	45.4	5.12	54.2	5.96	62.8	6.86	67.2	7.36	71.6	7.82	80.2	8.82	89.2	9.88
	23	45.4	5.22	54.2	6.06	62.8	6.96	67.2	7.46	71.6	7.96	80.2	8.98	89.2	10.08
	25	45.4	5.26	54.2	6.16	62.8	7.12	67.2	7.62	71.6	8.22	80.2	9.42	89.2	10.78
	27	45.4	5.36	54.2	6.36	62.8	7.52	67.2	8.12	71.6	8.72	80.2	10.08	89.2	11.48
	29	45.4	5.66	54.2	6.76	62.8	7.96	67.2	8.62	71.6	9.28	80.2	10.68	89.2	12.18
	31	45.4	5.96	54.2	7.16	62.8	8.46	67.2	9.12	71.6	9.88	80.2	11.38	89.2	12.98
	33	45.4	6.32	54.2	7.56	62.8	8.98	67.2	9.68	71.6	10.48	80.2	12.08	89.2	13.84
	35	45.4	6.66	54.2	8.02	62.8	9.48	67.2	10.28	71.6	11.08	80.2	12.78	89.2	14.68
	37	45.4	7.06	54.2	8.46	62.8	10.02	67.2	10.88	71.6	11.72	80.2	13.64	89.2	15.58
	39	45.4	7.54	54.2	9.08	62.8	10.74	67.2	11.70	71.6	12.58	80.2	14.52	89.2	16.84
	41	44.2	8.16	52.8	9.82	61.2	11.74	65.4	12.68	69.6	13.64	78.2	15.92	87.0	18.28
	43	43.2	8.86	51.6	10.68	59.8	12.78	63.8	13.80	68.0	14.84	76.2	17.36	84.8	19.94
46	40.4	9.92	48.4	11.98	56.0	14.34	59.8	15.50	63.6	16.66	71.4	19.52	79.6	22.46	
48	35.8	8.64	42.8	10.46	49.6	12.50	53.0	13.54	56.4	14.54	63.2	17.06	70.4	19.62	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

7.1.3 3 Units Combination

◆ ARUM500BTE5

Cooling Capacity (50HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	127.9	13.64	152.5	16.67	163.3	19.33	168.1	19.73	172.8	19.89	181.1	20.04	185.8	20.12
	12	127.9	13.97	152.5	17.27	163.3	20.12	168.1	20.26	172.8	20.42	181.1	20.58	185.8	20.76
	14	127.9	14.44	152.5	17.89	163.3	20.88	168.1	21.03	172.8	21.21	181.1	21.36	185.8	21.57
	16	127.9	14.97	152.5	18.51	163.3	21.81	168.1	22.03	172.8	22.20	181.1	22.40	185.8	22.58
	18	127.9	15.60	152.5	19.58	163.3	22.82	168.1	23.31	172.8	23.50	181.1	23.74	185.8	23.89
	20	127.9	16.28	152.5	20.86	163.3	23.95	168.1	25.64	172.8	25.85	178.5	26.11	183.2	26.28
	21	127.9	16.71	152.5	21.59	163.3	24.45	168.1	27.14	172.8	27.35	177.5	27.63	182.1	27.82
	23	127.9	17.94	152.5	22.71	163.3	25.72	168.1	29.95	170.6	30.18	174.8	30.49	179.6	30.69
	25	127.9	19.15	152.5	24.02	163.3	27.49	166.1	33.21	168.1	33.48	172.8	33.81	177.5	34.04
	27	127.9	20.49	152.5	25.68	161.3	29.29	163.3	36.56	166.1	36.85	170.6	37.22	174.8	37.47
	29	127.9	21.84	152.5	27.45	158.7	31.51	161.0	40.18	163.3	40.42	168.1	40.79	172.8	40.95
	31	127.9	23.30	151.9	28.92	156.1	33.52	158.7	40.01	161.0	40.25	165.4	40.61	170.1	40.77
	33	127.9	24.83	149.3	30.63	154.0	35.95	156.5	39.64	158.7	39.90	163.3	40.24	167.5	40.40
	35	127.9	26.47	146.7	32.09	151.4	38.94	154.0	39.13	156.5	39.37	160.8	39.72	165.4	39.87
	37	127.9	28.23	144.6	33.67	149.3	38.42	151.4	38.62	154.0	38.85	158.2	39.19	162.9	39.35
	39	127.9	30.07	142.1	35.45	146.7	37.91	149.3	38.10	151.4	38.33	156.1	38.67	160.8	38.82
	41	124.7	31.89	136.2	37.21	140.8	37.39	142.9	37.58	145.7	37.80	150.0	38.15	154.2	38.30
	43	121.7	33.63	130.4	36.69	135.0	36.88	137.1	37.06	139.8	37.29	144.2	37.62	148.1	37.76
46	114.0	36.00	119.0	35.93	123.3	36.10	125.3	36.28	127.9	36.51	131.9	36.83	135.6	36.98	
48	100.8	35.00	103.3	35.10	107.2	35.18	108.9	35.27	111.3	35.58	114.9	35.80	118.1	35.94	
120	10	118.3	12.27	140.8	15.04	153.8	17.87	158.5	19.33	163.2	19.62	172.1	19.70	176.3	19.85
	12	118.3	12.60	140.8	15.56	153.8	18.59	158.5	19.73	163.2	20.35	172.1	20.59	176.3	20.76
	14	118.3	13.03	140.8	16.08	153.8	19.34	158.5	20.47	163.2	21.09	172.1	21.40	176.3	21.58
	16	118.3	13.50	140.8	16.73	153.8	20.09	158.5	21.23	163.2	22.07	172.1	22.34	176.3	22.51
	18	118.3	14.03	140.8	17.49	153.8	20.90	158.5	22.36	163.2	23.20	172.1	23.46	176.3	23.65
	20	118.3	14.56	140.8	18.55	153.8	22.03	158.5	23.52	163.2	24.43	172.1	24.75	176.3	24.95
	21	118.3	15.01	140.8	19.21	153.8	22.63	158.5	24.22	163.2	25.24	172.1	25.56	176.3	25.76
	23	118.3	16.04	140.8	20.56	153.8	24.26	158.5	25.73	163.2	26.90	172.1	27.18	176.3	27.39
	25	118.3	17.13	140.8	22.03	153.8	25.58	158.5	27.43	163.2	28.84	170.0	29.10	174.2	29.33
	27	118.3	18.29	140.8	23.55	153.8	27.23	158.5	29.31	163.2	31.00	167.4	31.22	171.6	31.46
	29	118.3	19.52	140.8	25.13	153.8	28.65	158.5	31.37	160.6	33.05	164.7	33.54	169.4	33.81
	31	118.3	20.80	140.8	26.84	153.8	30.13	156.4	33.61	158.5	35.45	162.7	36.08	166.8	36.36
	33	118.3	22.14	140.8	28.61	151.7	31.87	153.8	36.47	155.8	38.06	160.0	38.49	164.2	38.80
	35	118.3	23.55	140.8	30.49	149.2	33.74	151.2	40.18	153.8	40.38	157.9	40.50	162.1	40.83
	37	118.3	25.32	140.8	32.19	147.1	35.97	149.2	39.34	151.2	39.53	155.4	39.64	159.6	39.97
	39	118.3	27.27	140.3	34.01	144.4	38.15	146.5	38.53	148.6	38.72	153.3	38.84	157.5	39.14
	41	115.4	29.21	134.2	35.84	138.7	37.39	140.6	37.72	142.6	37.92	146.8	38.03	151.0	38.33
	43	112.5	31.17	128.5	35.33	132.9	36.56	134.9	36.91	136.9	37.10	140.9	37.21	145.0	37.51
46	105.4	33.52	117.1	34.49	121.4	35.41	123.2	35.70	125.0	35.87	128.9	35.99	132.7	36.27	
48	93.3	32.83	101.7	33.88	105.6	34.71	107.1	34.93	108.8	35.04	112.1	35.18	115.4	35.32	
110	10	108.3	11.03	129.2	13.45	144.2	15.97	148.3	17.29	157.8	18.61	161.4	19.13	172.4	19.44
	12	108.3	11.38	129.2	13.91	144.2	16.64	148.3	17.77	157.8	19.30	161.4	19.93	172.4	20.39
	14	108.3	11.74	129.2	14.52	144.2	17.39	148.3	18.66	157.8	20.28	161.4	20.86	172.4	21.30
	16	108.3	12.16	129.2	15.06	144.2	18.10	148.3	19.48	157.8	21.21	161.4	21.80	172.4	22.18
	18	108.3	12.60	129.2	15.69	144.2	19.15	148.3	20.51	157.8	22.37	161.4	22.82	172.4	23.25
	20	108.3	13.05	129.2	16.47	144.2	20.31	148.3	21.45	157.8	23.46	161.4	24.05	172.4	24.43
	21	108.3	13.35	129.2	16.95	144.2	20.84	148.3	22.03	157.8	24.12	161.4	24.73	172.4	25.12
	23	108.3	14.21	129.2	18.18	144.2	22.00	148.3	23.25	157.8	25.48	161.4	26.03	172.4	26.45
	25	108.3	15.19	129.2	19.40	144.2	23.23	148.3	24.58	157.8	26.92	161.4	27.31	170.3	27.87
	27	108.3	16.22	129.2	20.75	144.2	24.56	148.3	26.03	157.8	28.12	161.4	28.76	167.8	29.25
	29	108.3	17.32	129.2	22.14	144.2	25.95	148.3	27.56	157.8	29.71	161.4	30.22	165.6	30.68
	31	108.3	18.42	129.2	23.60	144.2	27.42	148.3	29.20	155.2	31.23	159.3	31.83	162.9	32.16
	33	108.3	19.64	129.2	25.13	144.2	28.98	148.3	30.94	153.1	32.98	156.7	33.52	160.8	33.70
	35	108.3	20.86	129.2	26.84	144.2	30.59	148.3	32.79	150.4	34.80	154.2	35.12	158.3	35.30
	37	108.3	22.10	129.2	28.49	144.2	32.30	146.3	34.73	147.9	36.70	152.1	36.83	155.7	36.93
	39	108.3	23.83	129.2	30.26	141.7	34.08	143.7	37.15	145.8	38.52	149.4	38.58	153.6	38.62
	41	105.6	25.57	125.8	32.05	135.6	35.94	137.7	40.18	139.5	40.18	143.6	40.50	147.1	40.83
	43	102.9	26.85	122.8	33.39	130.0	38.11	132.1	38.54	133.8	38.46	137.8	38.67	141.2	38.79
46	96.5	26.21	115.0	32.24	118.5	36.17	120.6	36.17	122.1	36.48	125.9	36.69	129.2	36.79	
48	85.4	25.44	100.0	31.05	102.9	34.41	104.9	34.64	106.2	34.81	109.6	34.90	112.4	35.05	

7. Capacity Tables

Cooling Capacity (50HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	94.6	9.94	112.5	12.08	131.0	14.33	140.0	15.48	149.0	16.63	165.2	18.51	168.8	18.66
	12	94.6	10.25	112.5	12.57	131.0	14.82	140.0	15.90	149.0	17.17	165.2	19.52	168.8	19.71
	14	94.6	10.57	112.5	13.08	131.0	15.44	140.0	16.58	149.0	17.91	165.2	20.61	168.8	20.80
	16	94.6	10.89	112.5	13.50	131.0	16.10	140.0	17.37	149.0	18.87	165.2	21.60	168.8	21.91
	18	94.6	11.22	112.5	14.01	131.0	16.72	140.0	18.22	149.0	20.01	165.2	22.82	168.8	23.00
	20	94.6	11.62	112.5	14.54	131.0	17.69	140.0	19.52	149.0	21.40	165.2	23.91	168.8	24.11
	21	94.6	11.86	112.5	14.88	131.0	18.29	140.0	20.19	149.0	22.20	165.2	24.46	168.8	24.65
	23	94.6	12.57	112.5	15.93	131.0	19.64	140.0	21.66	149.0	23.79	165.2	25.62	168.8	25.81
	25	94.6	13.36	112.5	16.95	131.0	20.98	140.0	23.18	149.0	25.44	165.2	26.71	167.5	26.92
	27	94.6	14.28	112.5	18.11	131.0	22.45	140.0	24.76	149.0	27.04	162.1	27.97	165.4	28.19
	29	94.6	15.19	112.5	19.34	131.0	23.97	140.0	26.47	149.0	28.62	159.0	29.09	162.9	29.32
	31	94.6	16.22	112.5	20.61	131.0	25.56	140.0	28.24	149.0	30.07	156.6	30.21	160.4	30.45
	33	94.6	17.21	112.5	21.96	131.0	27.27	140.0	30.13	149.0	31.21	154.1	31.33	157.9	31.59
	35	94.6	18.29	112.5	23.37	131.0	29.03	140.0	32.15	146.7	32.34	151.3	32.46	155.1	32.73
	37	94.6	19.60	112.5	25.06	131.0	30.75	140.0	33.67	144.3	33.84	148.5	33.98	152.1	34.30
	39	94.6	21.02	112.5	26.92	131.0	32.59	140.0	35.32	141.9	35.49	146.1	35.60	149.6	35.95
	41	92.9	22.42	110.7	28.78	128.9	34.43	134.3	36.96	137.2	37.11	140.4	37.25	145.0	37.60
	43	89.8	23.74	106.9	30.51	124.6	36.08	128.8	38.38	130.3	38.52	134.3	38.65	137.9	39.00
46	84.2	25.53	100.2	32.88	116.7	38.26	117.5	40.18	118.9	40.31	122.7	40.42	126.0	40.80	
48	74.4	22.04	88.6	28.46	100.7	32.71	102.2	34.09	103.3	34.21	106.7	34.29	109.6	34.55	
90	10	85.0	8.53	101.5	10.26	117.9	12.10	126.0	13.04	134.0	14.04	150.4	15.72	167.1	17.48
	12	85.0	8.64	101.5	10.42	117.9	12.31	126.0	13.31	134.0	14.35	150.4	16.02	167.1	17.79
	14	85.0	8.80	101.5	10.63	117.9	12.57	126.0	13.57	134.0	14.62	150.4	16.33	167.1	18.14
	16	85.0	8.95	101.5	10.83	117.9	12.83	126.0	13.83	134.0	14.87	150.4	16.64	167.1	18.45
	18	85.0	9.11	101.5	11.05	117.9	13.04	126.0	14.14	134.0	15.19	150.4	17.01	167.1	19.39
	20	85.0	9.27	101.5	11.26	117.9	13.31	126.0	14.41	134.0	15.77	150.4	18.20	167.1	20.31
	21	85.0	9.37	101.5	11.37	117.9	13.57	126.0	14.87	134.0	16.34	150.4	18.50	167.1	20.77
	23	85.0	9.59	101.5	11.83	117.9	14.50	126.0	15.98	134.0	17.50	150.4	19.62	164.7	21.75
	25	85.0	10.06	101.5	12.62	117.9	15.50	126.0	17.07	134.0	18.70	150.4	20.97	162.4	22.69
	27	85.0	10.74	101.5	13.47	117.9	16.56	126.0	18.23	134.0	20.01	150.4	22.30	160.0	23.75
	29	85.0	11.37	101.5	14.35	117.9	17.71	126.0	19.48	134.0	21.37	150.4	23.62	157.5	24.71
	31	85.0	12.10	101.5	15.30	117.9	18.86	126.0	20.74	134.0	22.79	150.4	24.80	155.2	25.67
	33	85.0	12.89	101.5	16.29	117.9	20.12	126.0	22.11	134.0	24.17	150.4	26.00	152.8	26.61
	35	85.0	13.67	101.5	17.29	117.9	21.37	126.0	23.57	134.0	25.63	147.9	27.50	150.4	28.12
	37	85.0	14.50	101.5	18.39	117.9	22.79	126.0	25.04	134.0	27.05	145.5	28.74	148.1	29.39
	39	85.0	15.37	101.5	19.55	117.9	24.11	126.0	26.64	134.0	28.45	143.2	30.30	145.7	30.67
	41	82.9	17.19	98.9	21.69	115.0	26.47	122.8	29.14	130.6	30.72	137.1	31.93	139.6	32.66
	43	80.8	18.56	96.4	23.43	112.1	28.92	119.7	31.38	127.4	32.93	131.5	34.20	133.9	34.61
46	75.7	20.88	90.4	26.68	105.0	32.94	112.2	35.58	115.7	36.58	120.0	37.54	122.3	37.60	
48	67.0	18.25	80.0	23.34	92.9	28.82	99.2	31.04	100.4	31.53	104.3	32.32	106.3	32.35	
80	10	75.4	7.20	90.0	8.63	104.6	10.14	112.1	10.93	119.6	11.73	134.0	13.38	148.5	14.53
	12	75.4	7.34	90.0	8.73	104.6	10.34	112.1	11.14	119.6	11.93	134.0	13.64	148.5	14.82
	14	75.4	7.44	90.0	8.94	104.6	10.49	112.1	11.33	119.6	12.13	134.0	13.88	148.5	15.10
	16	75.4	7.54	90.0	9.08	104.6	10.69	112.1	11.54	119.6	12.38	134.0	14.18	148.5	15.39
	18	75.4	7.69	90.0	9.23	104.6	10.88	112.1	11.73	119.6	12.63	134.0	14.43	148.5	15.72
	20	75.4	7.84	90.0	9.43	104.6	11.14	112.1	11.99	119.6	12.88	134.0	14.98	148.5	16.66
	21	75.4	7.89	90.0	9.54	104.6	11.23	112.1	12.13	119.6	13.19	134.0	15.45	148.5	17.10
	23	75.4	8.04	90.0	9.68	104.6	11.73	112.1	12.88	119.6	14.08	134.0	16.31	148.5	17.95
	25	75.4	8.34	90.0	10.34	104.6	12.58	112.1	13.78	119.6	15.08	134.0	17.46	148.5	19.20
	27	75.4	8.84	90.0	10.98	104.6	13.43	112.1	14.72	119.6	16.08	134.0	18.55	148.5	20.19
	29	75.4	9.39	90.0	11.73	104.6	14.28	112.1	15.67	119.6	17.17	134.0	19.88	148.5	21.61
	31	75.4	9.99	90.0	12.43	104.6	15.22	112.1	16.73	119.6	18.27	134.0	21.09	148.5	22.69
	33	75.4	10.59	90.0	13.29	104.6	16.24	112.1	17.82	119.6	19.47	134.0	22.23	148.5	23.80
	35	75.4	11.23	90.0	14.08	104.6	17.28	112.1	18.97	119.6	20.77	134.0	23.57	146.9	24.66
	37	75.4	11.89	90.0	14.97	104.6	18.32	112.1	20.17	119.6	22.07	134.0	24.87	144.6	25.78
	39	75.4	12.56	90.0	15.83	104.6	19.61	112.1	21.69	119.6	23.72	134.0	26.28	142.1	27.20
	41	73.6	13.89	87.7	17.54	101.8	21.51	109.2	23.76	116.4	26.05	130.6	29.24	136.2	30.14
	43	71.7	15.29	85.5	19.15	99.3	23.49	106.4	25.91	113.6	28.47	127.4	31.29	130.6	32.26
46	67.2	17.01	80.1	21.56	93.1	26.46	99.7	28.83	106.4	32.14	116.4	34.16	119.2	34.70	
48	59.6	14.86	70.9	18.85	82.4	23.14	88.3	25.18	94.2	28.12	101.1	29.57	103.6	29.87	

7. Capacity Tables

Cooling Capacity (50HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	66.0	6.34	79.0	7.55	91.5	8.74	97.9	9.44	104.6	10.09	117.1	11.50	130.0	12.85
	12	66.0	6.44	79.0	7.64	91.5	8.95	97.9	9.60	104.6	10.30	117.1	11.70	130.0	13.10
	14	66.0	6.55	79.0	7.74	91.5	9.09	97.9	9.74	104.6	10.44	117.1	11.94	130.0	13.34
	16	66.0	6.64	79.0	7.90	91.5	9.25	97.9	9.95	104.6	10.64	117.1	12.14	130.0	13.63
	18	66.0	6.74	79.0	8.05	91.5	9.44	97.9	10.14	104.6	10.85	117.1	12.34	130.0	13.86
	20	66.0	6.85	79.0	8.19	91.5	9.60	97.9	10.35	104.6	11.09	117.1	12.64	130.0	14.39
	21	66.0	6.95	79.0	8.25	91.5	9.70	97.9	10.44	104.6	11.19	117.1	12.85	130.0	14.69
	23	66.0	7.05	79.0	8.44	91.5	9.89	97.9	10.79	104.6	11.75	117.1	13.74	130.0	15.51
	25	66.0	7.14	79.0	8.74	91.5	10.54	97.9	11.54	104.6	12.54	117.1	14.69	130.0	16.27
	27	66.0	7.55	79.0	9.35	91.5	11.24	97.9	12.24	104.6	13.39	117.1	15.69	130.0	17.30
	29	66.0	8.05	79.0	9.89	91.5	11.94	97.9	13.04	104.6	14.24	117.1	16.74	130.0	18.53
	31	66.0	8.54	79.0	10.54	91.5	12.75	97.9	13.94	104.6	15.20	117.1	17.84	130.0	19.66
	33	66.0	9.05	79.0	11.14	91.5	13.54	97.9	14.79	104.6	16.14	117.1	18.98	130.0	20.92
	35	66.0	9.54	79.0	11.89	91.5	14.39	97.9	15.74	104.6	17.19	117.1	20.23	130.0	22.19
	37	66.0	10.14	79.0	12.59	91.5	15.30	97.9	16.74	104.6	18.29	117.1	21.54	130.0	23.42
	39	66.0	10.77	79.0	13.43	91.5	16.35	97.9	18.01	104.6	19.76	117.1	23.05	130.0	25.25
	41	64.3	11.90	77.0	14.72	89.2	17.93	95.4	19.76	101.8	21.48	114.0	25.32	126.7	27.24
	43	62.8	12.97	75.0	16.04	86.9	19.57	93.2	21.54	99.3	23.45	111.2	27.66	123.5	29.44
46	58.8	14.40	70.4	18.04	81.5	22.03	87.2	23.99	93.1	26.44	104.2	31.20	115.8	32.82	
48	52.1	12.58	62.2	15.75	72.1	19.27	77.2	20.97	82.4	23.13	92.1	27.30	102.5	28.40	
60	10	56.5	5.50	67.5	6.45	78.5	7.50	84.0	8.06	89.6	8.55	100.4	9.71	111.5	10.85
	12	56.5	5.60	67.5	6.55	78.5	7.60	84.0	8.15	89.6	8.70	100.4	9.85	111.5	11.06
	14	56.5	5.65	67.5	6.65	78.5	7.75	84.0	8.30	89.6	8.85	100.4	10.05	111.5	11.25
	16	56.5	5.76	67.5	6.80	78.5	7.85	84.0	8.45	89.6	9.06	100.4	10.25	111.5	11.45
	18	56.5	5.85	67.5	6.91	78.5	8.00	84.0	8.60	89.6	9.19	100.4	10.41	111.5	11.71
	20	56.5	5.95	67.5	7.00	78.5	8.15	84.0	8.75	89.6	9.35	100.4	10.60	111.5	11.95
	21	56.5	6.00	67.5	7.06	78.5	8.25	84.0	8.85	89.6	9.45	100.4	10.76	111.5	12.05
	23	56.5	6.10	67.5	7.20	78.5	8.35	84.0	9.00	89.6	9.65	100.4	11.15	111.5	12.80
	25	56.5	6.20	67.5	7.35	78.5	8.70	84.0	9.45	89.6	10.25	100.4	11.91	111.5	13.71
	27	56.5	6.41	67.5	7.75	78.5	9.26	84.0	10.05	89.6	10.90	100.4	12.65	111.5	14.60
	29	56.5	6.80	67.5	8.25	78.5	9.85	84.0	10.71	89.6	11.61	100.4	13.50	111.5	15.60
	31	56.5	7.20	67.5	8.75	78.5	10.45	84.0	11.40	89.6	12.35	100.4	14.40	111.5	16.60
	33	56.5	7.60	67.5	9.26	78.5	11.10	84.0	12.10	89.6	13.15	100.4	15.30	111.5	17.71
	35	56.5	8.06	67.5	9.85	78.5	11.80	84.0	12.86	89.6	13.95	100.4	16.30	111.5	18.80
	37	56.5	8.50	67.5	10.40	78.5	12.50	84.0	13.65	89.6	14.80	100.4	17.30	111.5	20.00
	39	56.5	9.04	67.5	11.07	78.5	13.49	84.0	14.65	89.6	15.93	100.4	18.55	111.5	21.44
	41	55.0	9.81	65.8	12.11	76.5	14.65	81.8	16.00	87.2	17.29	97.9	20.36	108.7	23.29
	43	53.7	10.66	64.2	13.19	74.6	15.98	79.9	17.44	85.0	18.86	95.4	22.22	106.0	25.44
46	50.4	11.93	60.1	14.81	70.0	17.97	74.8	19.60	79.7	21.22	89.6	25.04	99.3	28.99	
48	44.6	10.40	53.2	12.92	61.8	15.71	66.2	17.13	70.4	18.54	79.2	21.90	87.9	25.36	
50	10	47.2	4.76	56.5	5.51	65.4	6.26	70.0	6.71	74.6	7.11	83.5	8.01	92.9	8.91
	12	47.2	4.81	56.5	5.55	65.4	6.35	70.0	6.81	74.6	7.26	83.5	8.15	92.9	9.06
	14	47.2	4.85	56.5	5.65	65.4	6.46	70.0	6.91	74.6	7.35	83.5	8.26	92.9	9.21
	16	47.2	4.96	56.5	5.76	65.4	6.55	70.0	7.05	74.6	7.46	83.5	8.41	92.9	9.36
	18	47.2	5.01	56.5	5.81	65.4	6.65	70.0	7.15	74.6	7.61	83.5	8.55	92.9	9.56
	20	47.2	5.05	56.5	5.90	65.4	6.81	70.0	7.26	74.6	7.76	83.5	8.71	92.9	9.77
	21	47.2	5.11	56.5	5.96	65.4	6.85	70.0	7.35	74.6	7.81	83.5	8.81	92.9	9.86
	23	47.2	5.21	56.5	6.05	65.4	6.96	70.0	7.46	74.6	7.96	83.5	8.97	92.9	10.06
	25	47.2	5.26	56.5	6.15	65.4	7.11	70.0	7.61	74.6	8.21	83.5	9.41	92.9	10.77
	27	47.2	5.35	56.5	6.35	65.4	7.51	70.0	8.11	74.6	8.71	83.5	10.06	92.9	11.46
	29	47.2	5.65	56.5	6.76	65.4	7.96	70.0	8.61	74.6	9.27	83.5	10.66	92.9	12.16
	31	47.2	5.96	56.5	7.15	65.4	8.46	70.0	9.11	74.6	9.86	83.5	11.36	92.9	12.96
	33	47.2	6.31	56.5	7.55	65.4	8.97	70.0	9.66	74.6	10.47	83.5	12.06	92.9	13.82
	35	47.2	6.65	56.5	8.01	65.4	9.47	70.0	10.27	74.6	11.06	83.5	12.77	92.9	14.66
	37	47.2	7.05	56.5	8.46	65.4	10.01	70.0	10.86	74.6	11.70	83.5	13.62	92.9	15.57
	39	47.2	7.53	56.5	9.07	65.4	10.73	70.0	11.69	74.6	12.57	83.5	14.50	92.9	16.82
	41	46.0	8.15	55.0	9.81	63.8	11.73	68.2	12.66	72.5	13.62	81.4	15.90	90.6	18.26
	43	45.0	8.85	53.7	10.67	62.2	12.77	66.5	13.78	70.8	14.82	79.3	17.33	88.3	19.92
46	42.1	9.91	50.4	11.97	58.3	14.32	62.4	15.48	66.3	16.65	74.3	19.50	82.9	22.43	
48	37.2	8.63	44.6	10.44	51.6	12.49	55.1	13.52	58.7	14.52	65.8	17.04	73.3	19.59	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM520BTE5

Cooling Capacity (52HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	133.1	14.50	158.6	17.72	169.9	20.55	174.8	20.98	179.7	21.14	188.3	21.30	193.2	21.39
	12	133.1	14.85	158.6	18.35	169.9	21.39	174.8	21.53	179.7	21.71	188.3	21.88	193.2	22.07
	14	133.1	15.35	158.6	19.02	169.9	22.20	174.8	22.36	179.7	22.55	188.3	22.71	193.2	22.93
	16	133.1	15.92	158.6	19.68	169.9	23.19	174.8	23.42	179.7	23.60	188.3	23.81	193.2	24.00
	18	133.1	16.58	158.6	20.81	169.9	24.26	174.8	24.78	179.7	24.99	188.3	25.23	193.2	25.40
	20	133.1	17.31	158.6	22.17	169.9	25.46	174.8	27.25	179.7	27.48	185.6	27.76	190.5	27.94
	21	133.1	17.76	158.6	22.96	169.9	25.99	174.8	28.85	179.7	29.08	184.6	29.37	189.4	29.57
	23	133.1	19.07	158.6	24.15	169.9	27.34	174.8	31.84	177.4	32.08	181.8	32.41	186.7	32.62
	25	133.1	20.36	158.6	25.54	169.9	29.22	172.7	35.30	174.8	35.59	179.7	35.94	184.6	36.19
	27	133.1	21.78	158.6	27.30	167.7	31.14	169.9	38.86	172.7	39.18	177.4	39.57	181.8	39.83
	29	133.1	23.22	158.6	29.18	165.1	33.49	167.4	42.72	169.9	42.97	174.8	43.36	179.7	43.53
	31	133.1	24.77	158.0	30.75	162.3	35.63	165.1	42.53	167.4	42.79	172.0	43.17	176.9	43.34
	33	133.1	26.39	155.3	32.57	160.2	38.22	162.8	42.14	165.1	42.41	169.9	42.78	174.2	42.95
	35	133.1	28.14	152.5	34.11	157.4	41.40	160.2	41.60	162.8	41.85	167.2	42.22	172.0	42.39
	37	133.1	30.01	150.4	35.80	155.3	40.85	157.4	41.05	160.2	41.30	164.5	41.66	169.4	41.83
	39	133.1	31.96	147.8	37.68	152.5	40.30	155.3	40.50	157.4	40.74	162.3	41.11	167.2	41.27
	41	129.7	33.90	141.7	39.56	146.4	39.75	148.6	39.95	151.5	40.18	156.0	40.55	160.3	40.71
	43	126.5	35.75	135.7	39.01	140.4	39.21	142.6	39.40	145.4	39.64	149.9	39.99	154.0	40.14
46	118.6	38.27	123.8	38.19	128.3	38.38	130.3	38.57	133.0	38.81	137.2	39.15	141.0	39.31	
48	104.9	37.20	107.5	37.31	111.5	37.39	113.3	37.50	115.7	37.83	119.4	38.06	122.8	38.21	
120	10	123.1	13.04	146.4	15.99	159.9	19.00	164.8	20.54	169.7	20.85	179.0	20.94	183.3	21.10
	12	123.1	13.39	146.4	16.54	159.9	19.76	164.8	20.98	169.7	21.63	179.0	21.89	183.3	22.07
	14	123.1	13.86	146.4	17.09	159.9	20.56	164.8	21.77	169.7	22.42	179.0	22.75	183.3	22.94
	16	123.1	14.35	146.4	17.79	159.9	21.36	164.8	22.57	169.7	23.46	179.0	23.75	183.3	23.93
	18	123.1	14.92	146.4	18.59	159.9	22.21	164.8	23.77	169.7	24.67	179.0	24.94	183.3	25.15
	20	123.1	15.48	146.4	19.72	159.9	23.42	164.8	25.00	169.7	25.97	179.0	26.31	183.3	26.52
	21	123.1	15.96	146.4	20.42	159.9	24.06	164.8	25.74	169.7	26.83	179.0	27.17	183.3	27.38
	23	123.1	17.05	146.4	21.85	159.9	25.79	164.8	27.35	169.7	28.60	179.0	28.89	183.3	29.12
	25	123.1	18.21	146.4	23.42	159.9	27.19	164.8	29.16	169.7	30.66	176.8	30.93	181.1	31.18
	27	123.1	19.45	146.4	25.03	159.9	28.95	164.8	31.16	169.7	32.96	174.1	33.18	178.5	33.45
	29	123.1	20.75	146.4	26.71	159.9	30.46	164.8	33.35	167.0	35.13	171.3	35.65	176.2	35.94
	31	123.1	22.11	146.4	28.53	159.9	32.03	162.7	35.72	164.8	37.68	169.2	38.35	173.5	38.66
	33	123.1	23.54	146.4	30.41	157.8	33.88	159.9	38.77	162.1	40.46	166.4	40.92	170.8	41.25
	35	123.1	25.03	146.4	32.42	155.1	35.87	157.3	42.72	159.9	42.92	164.3	43.05	168.6	43.40
	37	123.1	26.92	146.4	34.21	152.9	38.24	155.1	41.82	157.3	42.02	161.6	42.14	166.0	42.49
	39	123.1	28.99	145.9	36.16	150.2	40.56	152.4	40.96	154.5	41.17	159.5	41.29	163.8	41.61
	41	120.0	31.05	139.5	38.10	144.3	39.75	146.2	40.09	148.4	40.31	152.7	40.42	157.0	40.74
	43	117.0	33.14	133.6	37.56	138.2	38.86	140.3	39.24	142.4	39.44	146.5	39.56	150.8	39.87
46	109.6	35.64	121.8	36.67	126.3	37.64	128.1	37.95	130.0	38.14	134.0	38.26	138.0	38.56	
48	97.0	34.90	105.8	36.01	109.8	36.90	111.4	37.13	113.1	37.25	116.6	37.40	120.1	37.55	
110	10	112.7	11.73	134.3	14.29	150.0	16.98	154.3	18.38	164.1	19.78	167.9	20.34	179.2	20.67
	12	112.7	12.10	134.3	14.78	150.0	17.69	154.3	18.90	164.1	20.52	167.9	21.19	179.2	21.68
	14	112.7	12.48	134.3	15.44	150.0	18.49	154.3	19.84	164.1	21.56	167.9	22.17	179.2	22.65
	16	112.7	12.93	134.3	16.01	150.0	19.25	154.3	20.71	164.1	22.55	167.9	23.17	179.2	23.58
	18	112.7	13.39	134.3	16.68	150.0	20.36	154.3	21.81	164.1	23.79	167.9	24.26	179.2	24.71
	20	112.7	13.87	134.3	17.51	150.0	21.59	154.3	22.80	164.1	24.94	167.9	25.57	179.2	25.97
	21	112.7	14.19	134.3	18.02	150.0	22.15	154.3	23.42	164.1	25.64	167.9	26.29	179.2	26.70
	23	112.7	15.11	134.3	19.33	150.0	23.39	154.3	24.71	164.1	27.09	167.9	27.67	179.2	28.12
	25	112.7	16.15	134.3	20.62	150.0	24.70	154.3	26.13	164.1	28.62	167.9	29.03	177.1	29.63
	27	112.7	17.24	134.3	22.05	150.0	26.10	154.3	27.67	164.1	29.89	167.9	30.57	174.5	31.10
	29	112.7	18.41	134.3	23.54	150.0	27.59	154.3	29.30	164.1	31.59	167.9	32.13	172.2	32.62
	31	112.7	19.58	134.3	25.09	150.0	29.15	154.3	31.04	161.4	33.20	165.7	33.84	169.5	34.19
	33	112.7	20.88	134.3	26.71	150.0	30.80	154.3	32.89	159.2	35.06	163.0	35.64	167.3	35.83
	35	112.7	22.17	134.3	28.53	150.0	32.52	154.3	34.85	156.5	37.00	160.3	37.34	164.7	37.52
	37	112.7	23.50	134.3	30.28	150.0	34.33	152.1	36.92	153.8	39.02	158.2	39.15	161.9	39.25
	39	112.7	25.34	134.3	32.17	147.3	36.23	149.5	39.50	151.7	40.95	155.4	41.01	159.8	41.05
	41	109.8	27.18	130.9	34.07	141.0	38.21	143.2	42.72	145.0	42.72	149.3	43.05	153.0	43.40
	43	107.0	28.54	127.7	35.50	135.2	40.52	137.4	40.97	139.1	40.89	143.3	41.11	146.9	41.24
46	100.4	27.86	119.6	34.27	123.2	38.45	125.4	38.45	127.0	38.78	130.9	39.00	134.3	39.11	
48	88.8	27.05	104.0	33.01	107.0	36.58	109.0	36.83	110.5	37.00	113.9	37.11	116.9	37.26	

7. Capacity Tables

Cooling Capacity (52HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	98.3	10.56	117.0	12.84	136.2	15.23	145.6	16.46	155.0	17.68	171.8	19.68	175.5	19.84
	12	98.3	10.90	117.0	13.36	136.2	15.75	145.6	16.90	155.0	18.25	171.8	20.75	175.5	20.95
	14	98.3	11.23	117.0	13.90	136.2	16.41	145.6	17.63	155.0	19.04	171.8	21.91	175.5	22.11
	16	98.3	11.58	117.0	14.35	136.2	17.12	145.6	18.46	155.0	20.06	171.8	22.96	175.5	23.29
	18	98.3	11.93	117.0	14.89	136.2	17.77	145.6	19.37	155.0	21.27	171.8	24.26	175.5	24.45
	20	98.3	12.35	117.0	15.45	136.2	18.81	145.6	20.75	155.0	22.75	171.8	25.42	175.5	25.63
	21	98.3	12.61	117.0	15.82	136.2	19.45	145.6	21.46	155.0	23.60	171.8	26.00	175.5	26.21
	23	98.3	13.36	117.0	16.93	136.2	20.88	145.6	23.03	155.0	25.29	171.8	27.23	175.5	27.44
	25	98.3	14.20	117.0	18.02	136.2	22.30	145.6	24.64	155.0	27.05	171.8	28.39	174.2	28.62
	27	98.3	15.18	117.0	19.26	136.2	23.87	145.6	26.32	155.0	28.75	168.5	29.73	172.0	29.96
	29	98.3	16.15	117.0	20.56	136.2	25.48	145.6	28.14	155.0	30.43	165.4	30.92	169.4	31.17
	31	98.3	17.24	117.0	21.91	136.2	27.18	145.6	30.02	155.0	31.97	162.9	32.11	166.8	32.37
	33	98.3	18.29	117.0	23.35	136.2	28.99	145.6	32.03	155.0	33.18	160.3	33.31	164.2	33.58
	35	98.3	19.45	117.0	24.84	136.2	30.86	145.6	34.17	152.6	34.38	157.3	34.51	161.3	34.79
	37	98.3	20.84	117.0	26.64	136.2	32.69	145.6	35.80	150.1	35.97	154.4	36.12	158.1	36.46
	39	98.3	22.34	117.0	28.61	136.2	34.65	145.6	37.55	147.6	37.72	151.9	37.85	155.5	38.22
	41	96.7	23.83	115.1	30.60	134.1	36.60	139.7	39.30	142.7	39.45	146.1	39.60	150.8	39.97
	43	93.4	25.23	111.2	32.43	129.5	38.35	133.9	40.80	135.5	40.95	139.7	41.09	143.4	41.46
46	87.5	27.14	104.2	34.96	121.3	40.67	122.2	42.72	123.6	42.85	127.6	42.97	131.0	43.37	
48	77.4	23.43	92.2	30.25	104.7	34.77	106.3	36.24	107.4	36.36	110.9	36.45	114.0	36.73	
90	10	88.4	9.05	105.6	10.89	122.7	12.84	131.0	13.83	139.4	14.89	156.5	16.67	173.7	18.54
	12	88.4	9.17	105.6	11.06	122.7	13.06	131.0	14.12	139.4	15.23	156.5	16.99	173.7	18.87
	14	88.4	9.34	105.6	11.28	122.7	13.33	131.0	14.39	139.4	15.51	156.5	17.32	173.7	19.25
	16	88.4	9.50	105.6	11.49	122.7	13.62	131.0	14.68	139.4	15.77	156.5	17.65	173.7	19.58
	18	88.4	9.67	105.6	11.72	122.7	13.83	131.0	15.00	139.4	16.12	156.5	18.04	173.7	20.57
	20	88.4	9.84	105.6	11.95	122.7	14.12	131.0	15.28	139.4	16.73	156.5	19.31	173.7	21.55
	21	88.4	9.94	105.6	12.06	122.7	14.39	131.0	15.77	139.4	17.34	156.5	19.62	173.7	22.04
	23	88.4	10.17	105.6	12.56	122.7	15.39	131.0	16.95	139.4	18.57	156.5	20.81	171.3	23.07
	25	88.4	10.67	105.6	13.39	122.7	16.45	131.0	18.11	139.4	19.84	156.5	22.25	168.8	24.07
	27	88.4	11.39	105.6	14.29	122.7	17.56	131.0	19.35	139.4	21.23	156.5	23.66	166.4	25.19
	29	88.4	12.06	105.6	15.23	122.7	18.79	131.0	20.67	139.4	22.67	156.5	25.06	163.8	26.21
	31	88.4	12.84	105.6	16.23	122.7	20.01	131.0	22.01	139.4	24.17	156.5	26.31	161.4	27.23
	33	88.4	13.67	105.6	17.28	122.7	21.34	131.0	23.45	139.4	25.64	156.5	27.58	158.9	28.23
	35	88.4	14.51	105.6	18.34	122.7	22.67	131.0	25.01	139.4	27.19	153.8	29.17	156.4	29.83
	37	88.4	15.39	105.6	19.51	122.7	24.17	131.0	26.56	139.4	28.70	151.4	30.49	154.0	31.18
	39	88.4	16.30	105.6	20.74	122.7	25.58	131.0	28.27	139.4	30.18	148.9	32.15	151.5	32.53
	41	86.2	18.24	102.8	23.01	119.6	28.08	127.7	30.91	135.8	32.59	142.6	33.87	145.2	34.65
	43	84.0	19.69	100.3	24.86	116.6	30.68	124.5	33.29	132.4	34.93	136.8	36.28	139.3	36.71
46	78.7	22.15	94.0	28.31	109.2	34.95	116.7	37.75	120.3	38.81	124.8	39.83	127.2	39.88	
48	69.6	19.36	83.2	24.76	96.6	30.58	103.2	32.93	104.5	33.45	108.5	34.28	110.5	34.32	
80	10	78.5	7.63	93.6	9.16	108.7	10.75	116.5	11.60	124.3	12.45	139.4	14.20	154.4	15.42
	12	78.5	7.78	93.6	9.26	108.7	10.97	116.5	11.81	124.3	12.66	139.4	14.47	154.4	15.72
	14	78.5	7.89	93.6	9.49	108.7	11.12	116.5	12.02	124.3	12.86	139.4	14.73	154.4	16.02
	16	78.5	8.00	93.6	9.63	108.7	11.34	116.5	12.24	124.3	13.14	139.4	15.04	154.4	16.32
	18	78.5	8.15	93.6	9.79	108.7	11.54	116.5	12.45	124.3	13.40	139.4	15.30	154.4	16.68
	20	78.5	8.31	93.6	10.01	108.7	11.81	116.5	12.72	124.3	13.67	139.4	15.89	154.4	17.67
	21	78.5	8.37	93.6	10.12	108.7	11.92	116.5	12.86	124.3	13.99	139.4	16.39	154.4	18.14
	23	78.5	8.53	93.6	10.27	108.7	12.45	116.5	13.67	124.3	14.94	139.4	17.30	154.4	19.04
	25	78.5	8.84	93.6	10.97	108.7	13.35	116.5	14.62	124.3	15.99	139.4	18.52	154.4	20.37
	27	78.5	9.37	93.6	11.65	108.7	14.24	116.5	15.62	124.3	17.05	139.4	19.68	154.4	21.42
	29	78.5	9.96	93.6	12.45	108.7	15.15	116.5	16.63	124.3	18.22	139.4	21.09	154.4	22.93
	31	78.5	10.59	93.6	13.19	108.7	16.15	116.5	17.74	124.3	19.38	139.4	22.37	154.4	24.07
	33	78.5	11.24	93.6	14.09	108.7	17.22	116.5	18.91	124.3	20.66	139.4	23.58	154.4	25.25
	35	78.5	11.92	93.6	14.94	108.7	18.33	116.5	20.13	124.3	22.04	139.4	25.00	152.8	26.16
	37	78.5	12.61	93.6	15.88	108.7	19.44	116.5	21.40	124.3	23.41	139.4	26.38	150.4	27.35
	39	78.5	13.32	93.6	16.79	108.7	20.80	116.5	23.01	124.3	25.16	139.4	27.88	147.8	28.85
	41	76.5	14.73	91.2	18.60	105.9	22.82	113.5	25.21	121.1	27.64	135.8	31.02	141.7	31.97
	43	74.6	16.22	89.0	20.31	103.3	24.92	110.7	27.49	118.1	30.21	132.4	33.19	135.8	34.23
46	69.9	18.05	83.3	22.87	96.8	28.07	103.7	30.58	110.7	34.09	121.1	36.23	123.9	36.81	
48	61.9	15.76	73.7	20.00	85.6	24.55	91.8	26.72	97.9	29.83	105.2	31.37	107.7	31.69	

7. Capacity Tables

Cooling Capacity (52HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	68.6	6.73	82.2	8.01	95.2	9.27	101.9	10.02	108.7	10.70	121.7	12.19	135.2	13.63
	12	68.6	6.83	82.2	8.11	95.2	9.49	101.9	10.18	108.7	10.93	121.7	12.41	135.2	13.90
	14	68.6	6.94	82.2	8.21	95.2	9.64	101.9	10.33	108.7	11.08	121.7	12.67	135.2	14.15
	16	68.6	7.05	82.2	8.38	95.2	9.81	101.9	10.56	108.7	11.29	121.7	12.88	135.2	14.46
	18	68.6	7.15	82.2	8.54	95.2	10.02	101.9	10.76	108.7	11.51	121.7	13.09	135.2	14.71
	20	68.6	7.27	82.2	8.68	95.2	10.18	101.9	10.97	108.7	11.77	121.7	13.40	135.2	15.27
	21	68.6	7.37	82.2	8.75	95.2	10.29	101.9	11.08	108.7	11.87	121.7	13.63	135.2	15.58
	23	68.6	7.47	82.2	8.95	95.2	10.49	101.9	11.45	108.7	12.46	121.7	14.58	135.2	16.46
	25	68.6	7.58	82.2	9.27	95.2	11.18	101.9	12.24	108.7	13.30	121.7	15.58	135.2	17.26
	27	68.6	8.01	82.2	9.91	95.2	11.92	101.9	12.99	108.7	14.20	121.7	16.64	135.2	18.35
	29	68.6	8.54	82.2	10.49	95.2	12.67	101.9	13.83	108.7	15.11	121.7	17.76	135.2	19.65
	31	68.6	9.06	82.2	11.18	95.2	13.53	101.9	14.79	108.7	16.12	121.7	18.92	135.2	20.86
	33	68.6	9.60	82.2	11.82	95.2	14.36	101.9	15.68	108.7	17.12	121.7	20.13	135.2	22.20
	35	68.6	10.12	82.2	12.61	95.2	15.27	101.9	16.70	108.7	18.24	121.7	21.46	135.2	23.54
	37	68.6	10.76	82.2	13.36	95.2	16.22	101.9	17.76	108.7	19.40	121.7	22.85	135.2	24.85
	39	68.6	11.42	82.2	14.25	95.2	17.35	101.9	19.11	108.7	20.96	121.7	24.45	135.2	26.78
	41	66.9	12.63	80.0	15.61	92.7	19.02	99.3	20.96	105.9	22.78	118.6	26.86	131.7	28.89
	43	65.3	13.76	78.0	17.01	90.4	20.76	96.9	22.85	103.3	24.88	115.7	29.34	128.4	31.23
46	61.1	15.28	73.2	19.14	84.8	23.37	90.7	25.45	96.8	28.05	108.3	33.10	120.4	34.82	
48	54.1	13.34	64.7	16.70	75.0	20.44	80.3	22.25	85.6	24.53	95.8	28.96	106.6	30.13	
60	10	58.8	5.84	70.2	6.84	81.6	7.96	87.4	8.54	93.1	9.07	104.5	10.29	116.0	11.51
	12	58.8	5.94	70.2	6.94	81.6	8.06	87.4	8.65	93.1	9.23	104.5	10.45	116.0	11.73
	14	58.8	5.99	70.2	7.06	81.6	8.22	87.4	8.80	93.1	9.39	104.5	10.66	116.0	11.93
	16	58.8	6.11	70.2	7.21	81.6	8.33	87.4	8.96	93.1	9.61	104.5	10.87	116.0	12.15
	18	58.8	6.21	70.2	7.33	81.6	8.49	87.4	9.12	93.1	9.75	104.5	11.04	116.0	12.42
	20	58.8	6.31	70.2	7.43	81.6	8.65	87.4	9.28	93.1	9.92	104.5	11.24	116.0	12.68
	21	58.8	6.37	70.2	7.48	81.6	8.75	87.4	9.39	93.1	10.02	104.5	11.41	116.0	12.78
	23	58.8	6.47	70.2	7.64	81.6	8.86	87.4	9.55	93.1	10.24	104.5	11.83	116.0	13.58
	25	58.8	6.58	70.2	7.80	81.6	9.23	87.4	10.02	93.1	10.87	104.5	12.63	116.0	14.54
	27	58.8	6.79	70.2	8.22	81.6	9.82	87.4	10.66	93.1	11.56	104.5	13.42	116.0	15.49
	29	58.8	7.21	70.2	8.75	81.6	10.45	87.4	11.36	93.1	12.31	104.5	14.32	116.0	16.55
	31	58.8	7.64	70.2	9.28	81.6	11.09	87.4	12.09	93.1	13.11	104.5	15.27	116.0	17.61
	33	58.8	8.06	70.2	9.82	81.6	11.77	87.4	12.83	93.1	13.95	104.5	16.23	116.0	18.78
	35	58.8	8.54	70.2	10.45	81.6	12.52	87.4	13.64	93.1	14.80	104.5	17.29	116.0	19.95
	37	58.8	9.02	70.2	11.03	81.6	13.26	87.4	14.48	93.1	15.70	104.5	18.35	116.0	21.21
	39	58.8	9.59	70.2	11.74	81.6	14.31	87.4	15.54	93.1	16.89	104.5	19.68	116.0	22.74
	41	57.2	10.41	68.4	12.85	79.6	15.54	85.1	16.98	90.7	18.34	101.8	21.60	113.1	24.71
	43	55.9	11.31	66.7	13.99	77.6	16.95	83.0	18.50	88.4	20.00	99.3	23.57	110.2	26.99
46	52.4	12.65	62.5	15.71	72.8	19.06	77.8	20.79	82.9	22.51	93.1	26.56	103.3	30.76	
48	46.3	11.03	55.3	13.71	64.3	16.66	68.9	18.17	73.3	19.66	82.3	23.23	91.4	26.90	
50	10	49.1	5.04	58.8	5.84	68.1	6.64	72.8	7.12	77.5	7.54	86.8	8.50	96.7	9.45
	12	49.1	5.10	58.8	5.89	68.1	6.74	72.8	7.22	77.5	7.70	86.8	8.65	96.7	9.61
	14	49.1	5.15	58.8	5.99	68.1	6.85	72.8	7.32	77.5	7.80	86.8	8.76	96.7	9.77
	16	49.1	5.26	58.8	6.11	68.1	6.95	72.8	7.48	77.5	7.91	86.8	8.92	96.7	9.93
	18	49.1	5.31	58.8	6.16	68.1	7.05	72.8	7.58	77.5	8.07	86.8	9.07	96.7	10.14
	20	49.1	5.36	58.8	6.26	68.1	7.22	72.8	7.70	77.5	8.23	86.8	9.24	96.7	10.36
	21	49.1	5.42	58.8	6.32	68.1	7.27	72.8	7.80	77.5	8.28	86.8	9.34	96.7	10.46
	23	49.1	5.53	58.8	6.42	68.1	7.38	72.8	7.91	77.5	8.44	86.8	9.51	96.7	10.67
	25	49.1	5.57	58.8	6.52	68.1	7.54	72.8	8.07	77.5	8.71	86.8	9.98	96.7	11.42
	27	49.1	5.68	58.8	6.74	68.1	7.97	72.8	8.60	77.5	9.24	86.8	10.67	96.7	12.15
	29	49.1	5.99	58.8	7.17	68.1	8.44	72.8	9.13	77.5	9.83	86.8	11.31	96.7	12.90
	31	49.1	6.32	58.8	7.58	68.1	8.97	72.8	9.66	77.5	10.46	86.8	12.05	96.7	13.75
	33	49.1	6.69	58.8	8.01	68.1	9.51	72.8	10.25	77.5	11.10	86.8	12.80	96.7	14.66
	35	49.1	7.05	58.8	8.50	68.1	10.04	72.8	10.89	77.5	11.74	86.8	13.54	96.7	15.55
	37	49.1	7.48	58.8	8.97	68.1	10.62	72.8	11.52	77.5	12.41	86.8	14.44	96.7	16.51
	39	49.1	7.98	58.8	9.62	68.1	11.38	72.8	12.40	77.5	13.33	86.8	15.38	96.7	17.84
	41	47.8	8.64	57.2	10.41	66.3	12.44	70.9	13.43	75.4	14.44	84.6	16.87	94.2	19.36
	43	46.8	9.39	55.9	11.32	64.7	13.54	69.2	14.62	73.7	15.72	82.5	18.39	91.9	21.12
46	43.8	10.51	52.4	12.70	60.7	15.19	64.8	16.42	68.9	17.66	77.3	20.68	86.2	23.79	
48	38.7	9.16	46.3	11.08	53.7	13.24	57.3	14.34	61.1	15.41	68.5	18.07	76.2	20.78	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM540BTE5

Cooling Capacity (54HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	138.2	14.16	164.7	17.30	176.4	20.07	181.5	20.49	186.6	20.64	195.6	20.80	200.7	20.89
	12	138.2	14.50	164.7	17.92	176.4	20.89	181.5	21.03	186.6	21.20	195.6	21.37	200.7	21.55
	14	138.2	14.99	164.7	18.57	176.4	21.68	181.5	21.84	186.6	22.02	195.6	22.18	200.7	22.39
	16	138.2	15.54	164.7	19.21	176.4	22.65	181.5	22.87	186.6	23.04	195.6	23.25	200.7	23.44
	18	138.2	16.20	164.7	20.32	176.4	23.69	181.5	24.20	186.6	24.40	195.6	24.64	200.7	24.80
	20	138.2	16.91	164.7	21.65	176.4	24.87	181.5	26.61	186.6	26.84	192.7	27.11	197.8	27.28
	21	138.2	17.35	164.7	22.42	176.4	25.38	181.5	28.17	186.6	28.40	191.7	28.68	196.7	28.88
	23	138.2	18.62	164.7	23.58	176.4	26.70	181.5	31.09	184.2	31.33	188.8	31.65	193.9	31.86
	25	138.2	19.88	164.7	24.94	176.4	28.54	179.4	34.48	181.5	34.76	186.6	35.10	191.7	35.34
	27	138.2	21.27	164.7	26.65	174.2	30.41	176.4	37.95	179.4	38.26	184.2	38.64	188.8	38.90
	29	138.2	22.67	164.7	28.50	171.4	32.71	173.9	41.72	176.4	41.96	181.5	42.34	186.6	42.51
	31	138.2	24.19	164.1	30.02	168.6	34.80	171.4	41.53	173.9	41.79	178.7	42.16	183.7	42.33
	33	138.2	25.77	161.3	31.80	166.3	37.32	169.0	41.15	171.4	41.41	176.4	41.77	180.9	41.94
	35	138.2	27.48	158.4	33.31	163.5	40.42	166.3	40.62	169.0	40.87	173.7	41.23	178.7	41.39
	37	138.2	29.30	156.2	34.96	161.3	39.89	163.5	40.09	166.3	40.33	170.8	40.68	175.9	40.85
	39	138.2	31.21	153.4	36.80	158.4	39.35	161.3	39.55	163.5	39.79	168.6	40.14	173.7	40.30
	41	134.7	33.10	147.1	38.63	152.1	38.81	154.3	39.01	157.3	39.24	162.0	39.60	166.5	39.76
	43	131.4	34.91	140.9	38.09	145.8	38.29	148.0	38.47	151.0	38.71	155.7	39.05	159.9	39.20
46	123.1	37.37	128.6	37.29	133.2	37.48	135.3	37.67	138.1	37.90	142.5	38.23	146.4	38.39	
48	108.9	36.33	111.6	36.43	115.8	36.52	117.6	36.62	120.2	36.94	124.0	37.17	127.5	37.31	
120	10	127.8	12.74	152.1	15.62	166.1	18.55	171.2	20.06	176.2	20.36	185.8	20.45	190.4	20.61
	12	127.8	13.08	152.1	16.15	166.1	19.30	171.2	20.49	176.2	21.13	185.8	21.37	190.4	21.55
	14	127.8	13.53	152.1	16.69	166.1	20.08	171.2	21.25	176.2	21.89	185.8	22.22	190.4	22.40
	16	127.8	14.01	152.1	17.37	166.1	20.86	171.2	22.04	176.2	22.91	185.8	23.19	190.4	23.37
	18	127.8	14.57	152.1	18.15	166.1	21.69	171.2	23.21	176.2	24.09	185.8	24.36	190.4	24.56
	20	127.8	15.12	152.1	19.25	166.1	22.87	171.2	24.42	176.2	25.36	185.8	25.69	190.4	25.90
	21	127.8	15.58	152.1	19.94	166.1	23.50	171.2	25.14	176.2	26.20	185.8	26.54	190.4	26.74
	23	127.8	16.65	152.1	21.34	166.1	25.18	171.2	26.71	176.2	27.93	185.8	28.21	190.4	28.44
	25	127.8	17.79	152.1	22.87	166.1	26.56	171.2	28.47	176.2	29.94	183.6	30.21	188.1	30.45
	27	127.8	18.99	152.1	24.44	166.1	28.27	171.2	30.42	176.2	32.18	180.8	32.41	185.4	32.66
	29	127.8	20.26	152.1	26.09	166.1	29.74	171.2	32.56	173.4	34.30	177.9	34.82	183.0	35.10
	31	127.8	21.59	152.1	27.86	166.1	31.28	168.9	34.89	171.2	36.80	175.7	37.45	180.2	37.75
	33	127.8	22.98	152.1	29.70	163.8	33.09	166.1	37.86	168.3	39.51	172.8	39.96	177.3	40.28
	35	127.8	24.44	152.1	31.66	161.1	35.03	163.3	41.72	166.1	41.92	170.6	42.04	175.1	42.38
	37	127.8	26.29	152.1	33.41	158.8	37.34	161.1	40.84	163.3	41.04	167.8	41.15	172.3	41.49
	39	127.8	28.31	151.5	35.31	156.0	39.60	158.2	40.00	160.5	40.20	165.6	40.32	170.1	40.63
	41	124.6	30.32	144.9	37.21	149.8	38.81	151.8	39.15	154.1	39.36	158.5	39.48	163.1	39.79
	43	121.5	32.36	138.8	36.67	143.6	37.95	145.7	38.32	147.9	38.51	152.1	38.63	156.6	38.94
46	113.9	34.80	126.5	35.81	131.1	36.76	133.1	37.06	135.0	37.24	139.2	37.36	143.3	37.65	
48	100.8	34.08	109.8	35.17	114.0	36.04	115.7	36.26	117.5	36.37	121.1	36.52	124.7	36.67	
110	10	117.0	11.45	139.5	13.96	155.7	16.58	160.2	17.95	170.4	19.32	174.3	19.86	186.1	20.18
	12	117.0	11.82	139.5	14.44	155.7	17.27	160.2	18.45	170.4	20.04	174.3	20.69	186.1	21.17
	14	117.0	12.18	139.5	15.08	155.7	18.05	160.2	19.37	170.4	21.06	174.3	21.65	186.1	22.12
	16	117.0	12.62	139.5	15.63	155.7	18.79	160.2	20.22	170.4	22.02	174.3	22.63	186.1	23.03
	18	117.0	13.08	139.5	16.29	155.7	19.88	160.2	21.29	170.4	23.23	174.3	23.69	186.1	24.13
	20	117.0	13.55	139.5	17.10	155.7	21.09	160.2	22.26	170.4	24.36	174.3	24.97	186.1	25.36
	21	117.0	13.86	139.5	17.60	155.7	21.63	160.2	22.87	170.4	25.04	174.3	25.67	186.1	26.07
	23	117.0	14.75	139.5	18.87	155.7	22.84	160.2	24.13	170.4	26.45	174.3	27.02	186.1	27.46
	25	117.0	15.77	139.5	20.14	155.7	24.12	160.2	25.52	170.4	27.94	174.3	28.35	183.9	28.93
	27	117.0	16.84	139.5	21.54	155.7	25.49	160.2	27.02	170.4	29.19	174.3	29.86	181.2	30.37
	29	117.0	17.98	139.5	22.98	155.7	26.94	160.2	28.61	170.4	30.85	174.3	31.37	178.8	31.85
	31	117.0	19.12	139.5	24.50	155.7	28.47	160.2	30.31	167.6	32.42	172.1	33.04	176.0	33.39
	33	117.0	20.39	139.5	26.09	155.7	30.08	160.2	32.12	165.3	34.23	169.2	34.80	173.7	34.99
	35	117.0	21.65	139.5	27.86	155.7	31.76	160.2	34.03	162.5	36.13	166.5	36.46	171.0	36.64
	37	117.0	22.94	139.5	29.57	155.7	33.53	158.0	36.05	159.7	38.10	164.2	38.23	168.1	38.33
	39	117.0	24.74	139.5	31.42	153.0	35.38	155.2	38.57	157.5	39.99	161.4	40.05	165.9	40.09
	41	114.0	26.54	135.9	33.27	146.4	37.31	148.7	41.72	150.6	41.72	155.1	42.04	158.9	42.38
	43	111.2	27.87	132.6	34.66	140.4	39.56	142.6	40.00	144.5	39.93	148.8	40.15	152.5	40.27
46	104.2	27.20	124.2	33.47	128.0	37.55	130.2	37.55	131.9	37.87	135.9	38.09	139.5	38.19	
48	92.2	26.41	108.0	32.24	111.2	35.72	113.2	35.96	114.7	36.14	118.3	36.24	121.4	36.39	

7. Capacity Tables

Cooling Capacity (54HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	102.1	10.32	121.5	12.54	141.5	14.88	151.2	16.07	160.9	17.26	178.4	19.22	182.3	19.37
	12	102.1	10.64	121.5	13.05	141.5	15.38	151.2	16.51	160.9	17.82	178.4	20.26	182.3	20.46
	14	102.1	10.97	121.5	13.57	141.5	16.03	151.2	17.22	160.9	18.59	178.4	21.39	182.3	21.59
	16	102.1	11.31	121.5	14.02	141.5	16.72	151.2	18.03	160.9	19.58	178.4	22.42	182.3	22.74
	18	102.1	11.65	121.5	14.54	141.5	17.36	151.2	18.92	160.9	20.77	178.4	23.69	182.3	23.88
	20	102.1	12.06	121.5	15.09	141.5	18.36	151.2	20.26	160.9	22.22	178.4	24.82	182.3	25.02
	21	102.1	12.31	121.5	15.45	141.5	18.99	151.2	20.96	160.9	23.04	178.4	25.39	182.3	25.59
	23	102.1	13.05	121.5	16.53	141.5	20.39	151.2	22.48	160.9	24.70	178.4	26.59	182.3	26.80
	25	102.1	13.87	121.5	17.60	141.5	21.78	151.2	24.06	160.9	26.41	178.4	27.73	180.9	27.94
	27	102.1	14.82	121.5	18.80	141.5	23.31	151.2	25.71	160.9	28.07	175.0	29.03	178.6	29.26
	29	102.1	15.77	121.5	20.08	141.5	24.88	151.2	27.48	160.9	29.71	171.7	30.20	175.9	30.44
	31	102.1	16.84	121.5	21.40	141.5	26.54	151.2	29.32	160.9	31.22	169.2	31.36	173.2	31.61
	33	102.1	17.86	121.5	22.80	141.5	28.31	151.2	31.28	160.9	32.40	166.5	32.52	170.5	32.79
	35	102.1	18.99	121.5	24.26	141.5	30.14	151.2	33.37	158.4	33.57	163.4	33.70	167.5	33.98
	37	102.1	20.35	121.5	26.01	141.5	31.93	151.2	34.96	155.9	35.13	160.3	35.27	164.2	35.61
	39	102.1	21.82	121.5	27.94	141.5	33.84	151.2	36.67	153.3	36.84	157.8	36.96	161.5	37.32
	41	100.4	23.27	119.6	29.88	139.2	35.74	145.1	38.37	148.2	38.53	151.7	38.67	156.6	39.03
	43	97.0	24.64	115.5	31.67	134.5	37.45	139.1	39.85	140.7	39.99	145.1	40.13	148.9	40.49
46	90.9	26.50	108.2	34.14	126.0	39.72	126.9	41.72	128.4	41.84	135.5	41.96	136.1	42.35	
48	80.4	22.88	95.7	29.54	108.8	33.95	110.4	35.39	111.6	35.51	115.2	35.59	118.3	35.87	
90	10	91.8	9.07	109.6	10.91	127.4	12.86	136.1	13.86	144.7	14.92	162.5	16.70	180.4	18.57
	12	91.8	9.18	109.6	11.08	127.4	13.08	136.1	14.14	144.7	15.25	162.5	17.02	180.4	18.90
	14	91.8	9.35	109.6	11.30	127.4	13.35	136.1	14.42	144.7	15.54	162.5	17.35	180.4	19.28
	16	91.8	9.51	109.6	11.51	127.4	13.64	136.1	14.70	144.7	15.80	162.5	17.68	180.4	19.61
	18	91.8	9.68	109.6	11.74	127.4	13.86	136.1	15.02	144.7	16.14	162.5	18.07	180.4	20.60
	20	91.8	9.85	109.6	11.97	127.4	14.14	136.1	15.31	144.7	16.76	162.5	19.34	180.4	21.58
	21	91.8	9.96	109.6	12.08	127.4	14.42	136.1	15.80	144.7	17.37	162.5	19.65	180.4	22.07
	23	91.8	10.19	109.6	12.58	127.4	15.41	136.1	16.98	144.7	18.60	162.5	20.85	177.9	23.11
	25	91.8	10.69	109.6	13.41	127.4	16.47	136.1	18.14	144.7	19.87	162.5	22.29	175.3	24.11
	27	91.8	11.41	109.6	14.31	127.4	17.59	136.1	19.38	144.7	21.26	162.5	23.70	172.8	25.23
	29	91.8	12.08	109.6	15.25	127.4	18.82	136.1	20.70	144.7	22.70	162.5	25.10	170.1	26.25
	31	91.8	12.86	109.6	16.26	127.4	20.04	136.1	22.04	144.7	24.21	162.5	26.36	167.6	27.27
	33	91.8	13.70	109.6	17.31	127.4	21.38	136.1	23.49	144.7	25.68	162.5	27.62	165.0	28.27
	35	91.8	14.53	109.6	18.37	127.4	22.70	136.1	25.05	144.7	27.23	159.7	29.22	162.5	29.88
	37	91.8	15.41	109.6	19.54	127.4	24.21	136.1	26.60	144.7	28.75	157.2	30.54	159.9	31.23
	39	91.8	16.33	109.6	20.78	127.4	25.62	136.1	28.31	144.7	30.23	154.6	32.20	157.3	32.59
	41	89.5	18.27	106.8	23.04	124.2	28.13	132.6	30.96	141.0	32.64	148.1	33.93	150.8	34.70
	43	87.3	19.72	104.1	24.90	121.1	30.73	129.3	33.35	137.5	34.99	142.0	36.34	144.6	36.77
46	81.8	22.19	97.6	28.35	113.4	35.00	121.2	37.81	125.0	38.87	129.6	39.89	132.1	39.95	
48	72.3	19.39	86.4	24.80	100.4	30.63	107.1	32.99	108.5	33.51	112.7	34.34	114.8	34.37	
80	10	81.5	7.65	97.2	9.18	112.9	10.77	121.0	11.62	129.1	12.47	144.7	14.22	160.4	15.44
	12	81.5	7.80	97.2	9.28	112.9	10.99	121.0	11.83	129.1	12.68	144.7	14.49	160.4	15.75
	14	81.5	7.91	97.2	9.50	112.9	11.14	121.0	12.04	129.1	12.89	144.7	14.75	160.4	16.05
	16	81.5	8.01	97.2	9.65	112.9	11.36	121.0	12.26	129.1	13.16	144.7	15.07	160.4	16.35
	18	81.5	8.17	97.2	9.81	112.9	11.56	121.0	12.47	129.1	13.42	144.7	15.33	160.4	16.71
	20	81.5	8.33	97.2	10.03	112.9	11.83	121.0	12.74	129.1	13.69	144.7	15.92	160.4	17.70
	21	81.5	8.38	97.2	10.14	112.9	11.94	121.0	12.89	129.1	14.02	144.7	16.42	160.4	18.18
	23	81.5	8.54	97.2	10.29	112.9	12.47	121.0	13.69	129.1	14.97	144.7	17.33	160.4	19.07
	25	81.5	8.86	97.2	10.99	112.9	13.37	121.0	14.64	129.1	16.02	144.7	18.55	160.4	20.40
	27	81.5	9.39	97.2	11.67	112.9	14.27	121.0	15.65	129.1	17.09	144.7	19.72	160.4	21.46
	29	81.5	9.98	97.2	12.47	112.9	15.17	121.0	16.66	129.1	18.25	144.7	21.13	160.4	22.97
	31	81.5	10.61	97.2	13.22	112.9	16.18	121.0	17.78	129.1	19.42	144.7	22.41	160.4	24.12
	33	81.5	11.26	97.2	14.12	112.9	17.25	121.0	18.94	129.1	20.69	144.7	23.63	160.4	25.29
	35	81.5	11.94	97.2	14.97	112.9	18.36	121.0	20.16	129.1	22.07	144.7	25.05	158.7	26.20
	37	81.5	12.64	97.2	15.91	112.9	19.47	121.0	21.44	129.1	23.45	144.7	26.43	156.1	27.40
	39	81.5	13.35	97.2	16.82	112.9	20.84	121.0	23.05	129.1	25.21	144.7	27.93	153.5	28.91
	41	79.5	14.76	94.7	18.64	110.0	22.86	117.9	25.26	125.7	27.69	141.0	31.08	147.1	32.03
	43	77.4	16.25	92.4	20.35	107.3	24.96	114.9	27.54	122.7	30.26	137.5	33.25	141.0	34.29
46	72.6	18.08	86.6	22.91	100.5	28.12	107.7	30.63	114.9	34.15	125.7	36.30	128.7	36.88	
48	64.3	15.79	76.5	20.03	88.9	24.59	95.4	26.76	101.7	29.89	109.2	31.42	111.9	31.74	

7. Capacity Tables

Cooling Capacity (54HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	71.3	6.74	85.3	8.02	98.8	9.29	105.8	10.04	112.9	10.73	126.4	12.22	140.4	13.66
	12	71.3	6.85	85.3	8.12	98.8	9.51	105.8	10.20	112.9	10.95	126.4	12.43	140.4	13.93
	14	71.3	6.96	85.3	8.23	98.8	9.66	105.8	10.35	112.9	11.10	126.4	12.69	140.4	14.17
	16	71.3	7.06	85.3	8.39	98.8	9.83	105.8	10.58	112.9	11.31	126.4	12.91	140.4	14.49
	18	71.3	7.16	85.3	8.55	98.8	10.04	105.8	10.78	112.9	11.53	126.4	13.11	140.4	14.74
	20	71.3	7.28	85.3	8.70	98.8	10.20	105.8	11.00	112.9	11.79	126.4	13.43	140.4	15.30
	21	71.3	7.39	85.3	8.77	98.8	10.31	105.8	11.10	112.9	11.89	126.4	13.65	140.4	15.61
	23	71.3	7.49	85.3	8.97	98.8	10.51	105.8	11.47	112.9	12.49	126.4	14.61	140.4	16.49
	25	71.3	7.59	85.3	9.29	98.8	11.20	105.8	12.26	112.9	13.33	126.4	15.61	140.4	17.29
	27	71.3	8.02	85.3	9.93	98.8	11.95	105.8	13.01	112.9	14.23	126.4	16.68	140.4	18.38
	29	71.3	8.55	85.3	10.51	98.8	12.69	105.8	13.86	112.9	15.14	126.4	17.80	140.4	19.69
	31	71.3	9.07	85.3	11.20	98.8	13.55	105.8	14.82	112.9	16.15	126.4	18.96	140.4	20.90
	33	71.3	9.62	85.3	11.85	98.8	14.39	105.8	15.72	112.9	17.15	126.4	20.17	140.4	22.24
	35	71.3	10.14	85.3	12.64	98.8	15.30	105.8	16.73	112.9	18.27	126.4	21.51	140.4	23.59
	37	71.3	10.78	85.3	13.39	98.8	16.26	105.8	17.80	112.9	19.44	126.4	22.90	140.4	24.90
	39	71.3	11.44	85.3	14.28	98.8	17.38	105.8	19.15	112.9	21.00	126.4	24.50	140.4	26.84
	41	69.5	12.65	83.1	15.64	96.3	19.06	103.1	21.00	110.0	22.83	123.1	26.91	136.8	28.95
	43	67.8	13.78	81.0	17.05	93.9	20.80	100.6	22.90	107.3	24.93	120.1	29.40	133.4	31.30
46	63.5	15.31	76.0	19.17	88.0	23.42	94.2	25.50	100.5	28.10	112.5	33.16	125.1	34.89	
48	56.2	13.37	67.2	16.74	77.9	20.48	83.4	22.29	88.9	24.58	99.5	29.02	110.7	30.19	
60	10	61.0	5.85	72.9	6.86	84.8	7.98	90.7	8.56	96.7	9.08	108.5	10.32	120.4	11.54
	12	61.0	5.95	72.9	6.96	84.8	8.08	90.7	8.67	96.7	9.25	108.5	10.47	120.4	11.75
	14	61.0	6.01	72.9	7.07	84.8	8.24	90.7	8.82	96.7	9.41	108.5	10.68	120.4	11.96
	16	61.0	6.12	72.9	7.23	84.8	8.35	90.7	8.98	96.7	9.63	108.5	10.89	120.4	12.17
	18	61.0	6.22	72.9	7.34	84.8	8.51	90.7	9.14	96.7	9.77	108.5	11.06	120.4	12.44
	20	61.0	6.32	72.9	7.44	84.8	8.67	90.7	9.30	96.7	9.94	108.5	11.27	120.4	12.70
	21	61.0	6.38	72.9	7.50	84.8	8.77	90.7	9.41	96.7	10.05	108.5	11.44	120.4	12.81
	23	61.0	6.48	72.9	7.66	84.8	8.88	90.7	9.57	96.7	10.26	108.5	11.86	120.4	13.61
	25	61.0	6.59	72.9	7.82	84.8	9.25	90.7	10.05	96.7	10.89	108.5	12.66	120.4	14.57
	27	61.0	6.81	72.9	8.24	84.8	9.84	90.7	10.68	96.7	11.58	108.5	13.45	120.4	15.52
	29	61.0	7.23	72.9	8.77	84.8	10.47	90.7	11.38	96.7	12.34	108.5	14.36	120.4	16.58
	31	61.0	7.66	72.9	9.30	84.8	11.11	90.7	12.12	96.7	13.13	108.5	15.31	120.4	17.65
	33	61.0	8.08	72.9	9.84	84.8	11.80	90.7	12.86	96.7	13.98	108.5	16.27	120.4	18.82
	35	61.0	8.56	72.9	10.47	84.8	12.55	90.7	13.66	96.7	14.83	108.5	17.33	120.4	19.99
	37	61.0	9.04	72.9	11.05	84.8	13.29	90.7	14.51	96.7	15.74	108.5	18.39	120.4	21.26
	39	61.0	9.61	72.9	11.77	84.8	14.34	90.7	15.58	96.7	16.93	108.5	19.72	120.4	22.79
	41	59.4	10.43	71.1	12.88	82.6	15.58	88.4	17.01	94.2	18.38	105.8	21.64	117.4	24.76
	43	58.0	11.33	69.3	14.02	80.6	16.98	86.2	18.54	91.8	20.05	103.1	23.63	114.4	27.05
46	54.4	12.68	64.9	15.75	75.6	19.10	80.8	20.84	86.1	22.56	96.7	26.62	107.2	30.82	
48	48.1	11.05	57.4	13.74	66.8	16.69	71.5	18.20	76.1	19.70	85.5	23.28	94.9	26.96	
50	10	51.0	5.06	61.0	5.86	70.7	6.65	75.6	7.14	80.5	7.56	90.2	8.52	100.4	9.47
	12	51.0	5.11	61.0	5.90	70.7	6.75	75.6	7.24	80.5	7.71	90.2	8.67	100.4	9.64
	14	51.0	5.16	61.0	6.01	70.7	6.87	75.6	7.34	80.5	7.82	90.2	8.78	100.4	9.79
	16	51.0	5.27	61.0	6.12	70.7	6.97	75.6	7.50	80.5	7.93	90.2	8.94	100.4	9.95
	18	51.0	5.33	61.0	6.18	70.7	7.07	75.6	7.60	80.5	8.09	90.2	9.09	100.4	10.17
	20	51.0	5.37	61.0	6.28	70.7	7.24	75.6	7.71	80.5	8.25	90.2	9.26	100.4	10.38
	21	51.0	5.43	61.0	6.33	70.7	7.29	75.6	7.82	80.5	8.30	90.2	9.37	100.4	10.49
	23	51.0	5.54	61.0	6.44	70.7	7.40	75.6	7.93	80.5	8.46	90.2	9.53	100.4	10.70
	25	51.0	5.59	61.0	6.54	70.7	7.56	75.6	8.09	80.5	8.73	90.2	10.00	100.4	11.45
	27	51.0	5.69	61.0	6.75	70.7	7.99	75.6	8.62	80.5	9.26	90.2	10.70	100.4	12.18
	29	51.0	6.01	61.0	7.18	70.7	8.46	75.6	9.15	80.5	9.85	90.2	11.33	100.4	12.93
	31	51.0	6.33	61.0	7.60	70.7	8.99	75.6	9.68	80.5	10.49	90.2	12.08	100.4	13.78
	33	51.0	6.71	61.0	8.03	70.7	9.53	75.6	10.27	80.5	11.13	90.2	12.83	100.4	14.69
	35	51.0	7.07	61.0	8.52	70.7	10.07	75.6	10.91	80.5	11.76	90.2	13.57	100.4	15.59
	37	51.0	7.50	61.0	8.99	70.7	10.64	75.6	11.55	80.5	12.44	90.2	14.48	100.4	16.55
	39	51.0	8.00	61.0	9.64	70.7	11.40	75.6	12.43	80.5	13.36	90.2	15.41	100.4	17.88
	41	49.7	8.66	59.4	10.43	68.9	12.47	73.7	13.46	78.3	14.48	87.9	16.90	97.8	19.41
	43	48.6	9.41	58.0	11.35	67.2	13.57	71.8	14.65	76.5	15.76	85.7	18.43	95.4	21.17
46	45.4	10.53	54.4	12.73	63.0	15.22	67.3	16.46	71.6	17.70	80.3	20.73	89.5	23.84	
48	40.2	9.18	48.1	11.10	55.8	13.27	59.6	14.38	63.4	15.44	71.1	18.12	79.2	20.83	

Note
 1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
 2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM560BTE5

Cooling Capacity (56HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	18	19	20	22	24	TC	PI	TC	PI			
130	10	143.3	14.87	170.8	18.17	183.0	21.08	188.2	21.52	193.5	21.68	202.8	21.85	208.1	21.94
	12	143.3	15.23	170.8	18.82	183.0	21.94	188.2	22.09	193.5	22.27	202.8	22.44	208.1	22.64
	14	143.3	15.75	170.8	19.51	183.0	22.77	188.2	22.94	193.5	23.13	202.8	23.30	208.1	23.51
	16	143.3	16.33	170.8	20.18	183.0	23.79	188.2	24.02	193.5	24.20	202.8	24.42	208.1	24.62
	18	143.3	17.01	170.8	21.34	183.0	24.89	188.2	25.42	193.5	25.63	202.8	25.88	208.1	26.05
	20	143.3	17.76	170.8	22.74	183.0	26.12	188.2	27.95	193.5	28.19	199.9	28.47	205.2	28.65
	21	143.3	18.22	170.8	23.54	183.0	26.66	188.2	29.59	193.5	29.83	198.8	30.12	204.0	30.33
	23	143.3	19.56	170.8	24.77	183.0	28.04	188.2	32.65	191.0	32.91	195.8	33.25	201.1	33.46
	25	143.3	20.88	170.8	26.19	183.0	29.97	186.0	36.21	188.2	36.51	193.5	36.87	198.8	37.12
	27	143.3	22.34	170.8	28.00	180.6	31.94	183.0	39.86	186.0	40.18	191.0	40.59	195.8	40.86
	29	143.3	23.81	170.8	29.93	177.8	34.35	180.3	43.82	183.0	44.07	188.2	44.47	193.5	44.65
	31	143.3	25.41	170.2	31.54	174.8	36.55	177.8	43.62	180.3	43.89	185.3	44.28	190.6	44.46
	33	143.3	27.07	167.2	33.40	172.5	39.20	175.3	43.22	177.8	43.50	183.0	43.88	187.6	44.05
	35	143.3	28.86	164.3	34.99	169.6	42.46	172.5	42.67	175.3	42.92	180.1	43.31	185.3	43.48
	37	143.3	30.78	162.0	36.72	167.2	41.90	169.6	42.10	172.5	42.36	177.2	42.73	182.5	42.91
	39	143.3	32.78	159.1	38.65	164.3	41.33	167.2	41.54	169.6	41.79	174.8	42.16	180.1	42.33
41	139.7	34.77	152.6	40.57	157.7	40.77	160.0	40.97	163.2	41.22	168.0	41.60	172.6	41.76	
43	136.3	36.67	146.1	40.01	151.2	40.21	153.5	40.41	156.6	40.66	161.4	41.02	165.8	41.17	
46	127.7	39.25	133.3	39.17	138.1	39.37	140.3	39.56	143.3	39.81	147.8	40.16	151.8	40.32	
48	112.9	38.16	115.8	38.27	120.1	38.35	122.0	38.46	124.6	38.80	128.6	39.04	132.2	39.19	
120	10	132.6	13.38	157.7	16.40	172.2	19.48	177.5	21.07	182.8	21.39	192.7	21.48	197.4	21.64
	12	132.6	13.74	157.7	16.96	172.2	20.27	177.5	21.52	182.8	22.19	192.7	22.45	197.4	22.64
	14	132.6	14.21	157.7	17.53	172.2	21.09	177.5	22.32	182.8	23.00	192.7	23.34	197.4	23.53
	16	132.6	14.72	157.7	18.25	172.2	21.91	177.5	23.15	182.8	24.07	192.7	24.36	197.4	24.55
	18	132.6	15.30	157.7	19.07	172.2	22.79	177.5	24.38	182.8	25.30	192.7	25.59	197.4	25.79
	20	132.6	15.88	157.7	20.22	172.2	24.02	177.5	25.65	182.8	26.64	192.7	26.99	197.4	27.21
	21	132.6	16.37	157.7	20.94	172.2	24.68	177.5	26.40	182.8	27.52	192.7	27.87	197.4	28.09
	23	132.6	17.49	157.7	22.41	172.2	26.45	177.5	28.06	182.8	29.33	192.7	29.63	197.4	29.87
	25	132.6	18.68	157.7	24.02	172.2	27.89	177.5	29.90	182.8	31.45	190.4	31.73	195.1	31.98
	27	132.6	19.95	157.7	25.67	172.2	29.69	177.5	31.96	182.8	33.80	187.5	34.04	192.2	34.31
	29	132.6	21.28	157.7	27.40	172.2	31.24	177.5	34.20	179.8	36.03	184.5	36.57	189.8	36.87
	31	132.6	22.68	157.7	29.26	172.2	32.85	175.2	36.64	177.5	38.65	182.2	39.34	186.8	39.65
	33	132.6	24.14	157.7	31.19	169.9	34.75	172.2	39.77	174.6	41.49	179.2	41.97	183.9	42.31
	35	132.6	25.67	157.7	33.25	167.1	36.79	169.4	43.82	172.2	44.03	176.9	44.16	181.6	44.52
	37	132.6	27.61	157.7	35.09	164.7	39.22	167.1	42.89	169.4	43.10	174.1	43.23	178.7	43.58
	39	132.6	29.73	157.1	37.09	161.8	41.60	164.1	42.01	166.4	42.22	171.7	42.35	176.4	42.67
41	129.2	31.85	150.3	39.08	155.4	40.77	157.4	41.12	159.8	41.34	164.4	41.46	169.1	41.79	
43	126.0	33.99	143.9	38.52	148.9	39.86	151.1	40.25	153.4	40.45	157.8	40.57	162.4	40.90	
46	118.1	36.55	131.2	37.61	136.0	38.61	138.0	38.92	140.0	39.12	144.3	39.24	148.6	39.55	
48	104.5	35.80	113.9	36.94	118.2	37.85	120.0	38.09	121.8	38.21	125.6	38.36	129.3	38.52	
110	10	121.3	12.03	144.7	14.66	161.5	17.42	166.2	18.86	176.7	20.29	180.8	20.86	193.0	21.20
	12	121.3	12.41	144.7	15.16	161.5	18.14	166.2	19.38	176.7	21.05	180.8	21.73	193.0	22.23
	14	121.3	12.80	144.7	15.84	161.5	18.96	166.2	20.35	176.7	22.12	180.8	22.74	193.0	23.23
	16	121.3	13.26	144.7	16.42	161.5	19.74	166.2	21.24	176.7	23.13	180.8	23.77	193.0	24.18
	18	121.3	13.74	144.7	17.11	161.5	20.88	166.2	22.37	176.7	24.40	180.8	24.89	193.0	25.35
	20	121.3	14.23	144.7	17.96	161.5	22.15	166.2	23.38	176.7	25.59	180.8	26.22	193.0	26.64
	21	121.3	14.55	144.7	18.49	161.5	22.72	166.2	24.02	176.7	26.30	180.8	26.97	193.0	27.38
	23	121.3	15.49	144.7	19.82	161.5	23.99	166.2	25.35	176.7	27.79	180.8	28.38	193.0	28.85
	25	121.3	16.56	144.7	21.15	161.5	25.33	166.2	26.81	176.7	29.35	180.8	29.78	190.7	30.39
	27	121.3	17.68	144.7	22.62	161.5	26.77	166.2	28.38	176.7	30.66	180.8	31.36	187.9	31.89
	29	121.3	18.89	144.7	24.14	161.5	28.29	166.2	30.05	176.7	32.40	180.8	32.95	185.4	33.46
	31	121.3	20.08	144.7	25.73	161.5	29.90	166.2	31.83	173.8	34.05	178.4	34.71	182.5	35.07
	33	121.3	21.42	144.7	27.40	161.5	31.59	166.2	33.74	171.4	35.96	175.5	36.55	180.2	36.75
	35	121.3	22.74	144.7	29.26	161.5	33.36	166.2	35.75	168.5	37.95	172.7	38.29	177.3	38.49
	37	121.3	24.10	144.7	31.06	161.5	35.22	163.8	37.86	165.7	40.02	170.3	40.16	174.4	40.26
	39	121.3	25.99	144.7	33.00	158.7	37.16	161.0	40.51	163.3	42.00	167.4	42.06	172.1	42.11
41	118.2	27.88	140.9	34.95	151.8	39.19	154.2	43.82	156.2	43.82	160.8	44.16	164.8	44.52	
43	115.3	29.27	137.5	36.41	145.6	41.56	147.9	42.02	149.8	41.94	154.3	42.17	158.2	42.30	
46	108.1	28.57	128.8	35.15	132.7	39.44	135.0	39.44	136.8	39.77	141.0	40.00	144.7	40.11	
48	95.6	27.74	112.0	33.86	115.3	37.52	117.4	37.77	119.0	37.95	122.7	38.06	125.9	38.22	

7. Capacity Tables

Cooling Capacity (56HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	105.9	10.83	126.0	13.17	146.7	15.63	156.8	16.88	166.9	18.13	185.0	20.18	189.0	20.35
	12	105.9	11.18	126.0	13.71	146.7	16.16	156.8	17.34	166.9	18.72	185.0	21.28	189.0	21.49
	14	105.9	11.52	126.0	14.26	146.7	16.83	156.8	18.08	166.9	19.53	185.0	22.47	189.0	22.68
	16	105.9	11.88	126.0	14.72	146.7	17.56	156.8	18.94	166.9	20.57	185.0	23.55	189.0	23.89
	18	105.9	12.23	126.0	15.27	146.7	18.23	156.8	19.87	166.9	21.82	185.0	24.88	189.0	25.08
	20	105.9	12.67	126.0	15.85	146.7	19.29	156.8	21.28	166.9	23.34	185.0	26.07	189.0	26.28
	21	105.9	12.93	126.0	16.22	146.7	19.95	156.8	22.01	166.9	24.20	185.0	26.67	189.0	26.88
	23	105.9	13.71	126.0	17.37	146.7	21.42	156.8	23.62	166.9	25.94	185.0	27.93	189.0	28.15
	25	105.9	14.57	126.0	18.49	146.7	22.88	156.8	25.27	166.9	27.74	185.0	29.12	187.6	29.35
	27	105.9	15.57	126.0	19.75	146.7	24.48	156.8	27.00	166.9	29.48	181.5	30.49	185.3	30.73
	29	105.9	16.56	126.0	21.09	146.7	26.14	156.8	28.86	166.9	31.21	178.1	31.72	182.5	31.97
	31	105.9	17.68	126.0	22.48	146.7	27.87	156.8	30.79	166.9	32.79	175.4	32.94	179.7	33.21
	33	105.9	18.76	126.0	23.95	146.7	29.73	156.8	32.85	166.9	34.03	172.6	34.16	176.9	34.44
	35	105.9	19.95	126.0	25.48	146.7	31.66	156.8	35.05	164.3	35.26	169.4	35.39	173.7	35.69
	37	105.9	21.37	126.0	27.32	146.7	33.53	156.8	36.72	161.6	36.90	166.3	37.05	170.3	37.40
	39	105.9	22.92	126.0	29.35	146.7	35.54	156.8	38.52	159.0	38.69	163.6	38.82	167.5	39.20
	41	104.1	24.44	124.0	31.38	144.4	37.54	150.4	40.31	153.7	40.47	157.3	40.61	162.4	41.00
	43	100.6	25.88	119.8	33.26	139.5	39.33	144.2	41.85	145.9	42.00	150.4	42.14	154.4	42.52
46	94.3	27.83	112.2	35.86	130.7	41.72	131.6	43.82	133.1	43.95	137.4	44.07	141.1	44.49	
48	83.4	24.04	99.3	31.03	112.8	35.66	114.5	37.17	115.7	37.30	119.5	37.38	122.7	37.67	
90	10	95.2	9.44	113.7	11.35	132.1	13.38	141.1	14.42	150.1	15.53	168.5	17.38	187.1	19.33
	12	95.2	9.55	113.7	11.53	132.1	13.61	141.1	14.72	150.1	15.87	168.5	17.72	187.1	19.67
	14	95.2	9.73	113.7	11.76	132.1	13.90	141.1	15.00	150.1	16.17	168.5	18.06	187.1	20.07
	16	95.2	9.90	113.7	11.98	132.1	14.19	141.1	15.30	150.1	16.44	168.5	18.40	187.1	20.41
	18	95.2	10.08	113.7	12.22	132.1	14.42	141.1	15.64	150.1	16.80	168.5	18.81	187.1	21.44
	20	95.2	10.26	113.7	12.46	132.1	14.72	141.1	15.93	150.1	17.44	168.5	20.13	187.1	22.46
	21	95.2	10.36	113.7	12.58	132.1	15.00	141.1	16.44	150.1	18.07	168.5	20.46	187.1	22.97
	23	95.2	10.60	113.7	13.09	132.1	16.04	141.1	17.67	150.1	19.36	168.5	21.70	184.5	24.05
	25	95.2	11.12	113.7	13.96	132.1	17.15	141.1	18.88	150.1	20.68	168.5	23.20	181.8	25.09
	27	95.2	11.87	113.7	14.90	132.1	18.31	141.1	20.17	150.1	22.13	168.5	24.66	179.2	26.26
	29	95.2	12.58	113.7	15.87	132.1	19.58	141.1	21.55	150.1	23.63	168.5	26.13	176.4	27.32
	31	95.2	13.38	113.7	16.92	132.1	20.86	141.1	22.94	150.1	25.20	168.5	27.43	173.8	28.39
	33	95.2	14.25	113.7	18.01	132.1	22.25	141.1	24.45	150.1	26.73	168.5	28.75	171.1	29.43
	35	95.2	15.12	113.7	19.12	132.1	23.63	141.1	26.07	150.1	28.34	165.7	30.41	168.5	31.10
	37	95.2	16.04	113.7	20.33	132.1	25.20	141.1	27.69	150.1	29.92	163.0	31.79	165.8	32.50
	39	95.2	16.99	113.7	21.62	132.1	26.67	141.1	29.47	150.1	31.46	160.4	33.51	163.2	33.91
	41	92.8	19.01	110.8	23.98	128.8	29.27	137.5	32.22	146.2	33.97	153.6	35.31	156.3	36.12
	43	90.5	20.53	108.0	25.92	125.6	31.98	134.1	34.71	142.6	36.42	147.3	37.82	150.0	38.27
46	84.8	23.09	101.3	29.51	117.6	36.43	125.7	39.35	129.6	40.46	134.4	41.52	137.0	41.58	
48	75.0	20.19	89.6	25.81	104.1	31.88	111.1	34.33	112.5	34.87	116.8	35.74	119.0	35.77	
80	10	84.5	7.98	100.8	9.58	117.1	11.24	125.5	12.13	133.9	13.01	150.1	14.84	166.3	16.12
	12	84.5	8.14	100.8	9.68	117.1	11.46	125.5	12.35	133.9	13.24	150.1	15.12	166.3	16.43
	14	84.5	8.25	100.8	9.92	117.1	11.63	125.5	12.56	133.9	13.45	150.1	15.40	166.3	16.75
	16	84.5	8.36	100.8	10.07	117.1	11.85	125.5	12.80	133.9	13.73	150.1	15.73	166.3	17.07
	18	84.5	8.53	100.8	10.24	117.1	12.07	125.5	13.01	133.9	14.00	150.1	16.00	166.3	17.44
	20	84.5	8.69	100.8	10.46	117.1	12.35	125.5	13.29	133.9	14.29	150.1	16.61	166.3	18.48
	21	84.5	8.75	100.8	10.58	117.1	12.46	125.5	13.45	133.9	14.63	150.1	17.14	166.3	18.97
	23	84.5	8.91	100.8	10.73	117.1	13.01	125.5	14.29	133.9	15.62	150.1	18.09	166.3	19.90
	25	84.5	9.25	100.8	11.46	117.1	13.96	125.5	15.28	133.9	16.72	150.1	19.36	166.3	21.29
	27	84.5	9.80	100.8	12.17	117.1	14.89	125.5	16.33	133.9	17.83	150.1	20.58	166.3	22.39
	29	84.5	10.41	100.8	13.01	117.1	15.83	125.5	17.38	133.9	19.05	150.1	22.05	166.3	23.97
	31	84.5	11.08	100.8	13.79	117.1	16.89	125.5	18.55	133.9	20.26	150.1	23.39	166.3	25.17
	33	84.5	11.75	100.8	14.73	117.1	18.00	125.5	19.77	133.9	21.60	150.1	24.65	166.3	26.40
	35	84.5	12.46	100.8	15.62	117.1	19.16	125.5	21.04	133.9	23.04	150.1	26.14	164.6	27.34
	37	84.5	13.19	100.8	16.60	117.1	20.32	125.5	22.37	133.9	24.48	150.1	27.58	161.9	28.59
	39	84.5	13.93	100.8	17.56	117.1	21.74	125.5	24.05	133.9	26.31	150.1	29.14	159.2	30.16
	41	82.4	15.40	98.2	19.45	114.0	23.86	122.3	26.36	130.4	28.89	146.2	32.43	152.6	33.42
	43	80.3	16.96	95.8	21.23	111.2	26.05	119.2	28.74	127.2	31.58	142.6	34.70	146.2	35.78
46	75.3	18.87	89.8	23.91	104.2	29.34	111.7	31.97	119.2	35.64	130.4	37.88	133.5	38.48	
48	66.7	16.48	79.4	20.91	92.2	25.66	98.9	27.93	105.5	31.19	113.3	32.79	116.0	33.12	

7. Capacity Tables

Cooling Capacity (56HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	73.9	7.06	88.5	8.39	102.5	9.72	109.7	10.50	117.1	11.22	131.1	12.78	145.6	14.29
	12	73.9	7.16	88.5	8.50	102.5	9.95	109.7	10.68	117.1	11.46	131.1	13.01	145.6	14.57
	14	73.9	7.28	88.5	8.61	102.5	10.11	109.7	10.83	117.1	11.61	131.1	13.28	145.6	14.83
	16	73.9	7.39	88.5	8.78	102.5	10.29	109.7	11.07	117.1	11.84	131.1	13.51	145.6	15.16
	18	73.9	7.49	88.5	8.95	102.5	10.50	109.7	11.28	117.1	12.06	131.1	13.72	145.6	15.42
	20	73.9	7.62	88.5	9.10	102.5	10.68	109.7	11.51	117.1	12.34	131.1	14.05	145.6	16.00
	21	73.9	7.73	88.5	9.17	102.5	10.78	109.7	11.61	117.1	12.44	131.1	14.29	145.6	16.34
	23	73.9	7.84	88.5	9.39	102.5	11.00	109.7	12.00	117.1	13.07	131.1	15.28	145.6	17.25
	25	73.9	7.94	88.5	9.72	102.5	11.72	109.7	12.83	117.1	13.95	131.1	16.34	145.6	18.10
	27	73.9	8.39	88.5	10.39	102.5	12.50	109.7	13.61	117.1	14.89	131.1	17.45	145.6	19.24
	29	73.9	8.95	88.5	11.00	102.5	13.28	109.7	14.50	117.1	15.84	131.1	18.62	145.6	20.61
	31	73.9	9.50	88.5	11.72	102.5	14.18	109.7	15.51	117.1	16.90	131.1	19.84	145.6	21.87
	33	73.9	10.06	88.5	12.39	102.5	15.06	109.7	16.44	117.1	17.95	131.1	21.11	145.6	23.27
	35	73.9	10.61	88.5	13.23	102.5	16.00	109.7	17.51	117.1	19.12	131.1	22.50	145.6	24.68
	37	73.9	11.28	88.5	14.01	102.5	17.01	109.7	18.62	117.1	20.34	131.1	23.96	145.6	26.05
	39	73.9	11.98	88.5	14.94	102.5	18.18	109.7	20.03	117.1	21.97	131.1	25.63	145.6	28.08
	41	72.0	13.24	86.2	16.37	99.9	19.95	106.9	21.97	114.0	23.89	127.7	28.16	141.9	30.29
	43	70.3	14.42	84.0	17.84	97.4	21.76	104.4	23.96	111.2	26.08	124.6	30.76	138.3	32.75
46	65.8	16.02	78.8	20.06	91.3	24.50	97.7	26.68	104.2	29.41	116.7	34.70	129.7	36.50	
48	58.3	13.99	69.7	17.51	80.7	21.43	86.5	23.33	92.2	25.72	103.2	30.37	114.8	31.59	
60	10	63.3	6.14	75.6	7.19	87.9	8.37	94.1	8.98	100.3	9.53	112.5	10.82	124.9	12.10
	12	63.3	6.24	75.6	7.30	87.9	8.47	94.1	9.09	100.3	9.71	112.5	10.99	124.9	12.33
	14	63.3	6.30	75.6	7.42	87.9	8.64	94.1	9.26	100.3	9.87	112.5	11.20	124.9	12.54
	16	63.3	6.42	75.6	7.58	87.9	8.76	94.1	9.42	100.3	10.10	112.5	11.43	124.9	12.77
	18	63.3	6.53	75.6	7.70	87.9	8.92	94.1	9.59	100.3	10.26	112.5	11.61	124.9	13.05
	20	63.3	6.63	75.6	7.81	87.9	9.09	94.1	9.76	100.3	10.43	112.5	11.82	124.9	13.33
	21	63.3	6.69	75.6	7.87	87.9	9.20	94.1	9.87	100.3	10.54	112.5	12.00	124.9	13.44
	23	63.3	6.80	75.6	8.03	87.9	9.32	94.1	10.04	100.3	10.76	112.5	12.44	124.9	14.28
	25	63.3	6.92	75.6	8.20	87.9	9.71	94.1	10.54	100.3	11.43	112.5	13.28	124.9	15.29
	27	63.3	7.14	75.6	8.64	87.9	10.32	94.1	11.20	100.3	12.15	112.5	14.11	124.9	16.28
	29	63.3	7.58	75.6	9.20	87.9	10.99	94.1	11.94	100.3	12.95	112.5	15.06	124.9	17.40
	31	63.3	8.03	75.6	9.76	87.9	11.65	94.1	12.71	100.3	13.78	112.5	16.06	124.9	18.51
	33	63.3	8.47	75.6	10.32	87.9	12.38	94.1	13.49	100.3	14.67	112.5	17.07	124.9	19.75
	35	63.3	8.98	75.6	10.99	87.9	13.16	94.1	14.34	100.3	15.56	112.5	18.18	124.9	20.97
	37	63.3	9.48	75.6	11.59	87.9	13.94	94.1	15.23	100.3	16.51	112.5	19.30	124.9	22.30
	39	63.3	10.08	75.6	12.35	87.9	15.05	94.1	16.34	100.3	17.76	112.5	20.69	124.9	23.91
	41	61.6	10.94	73.7	13.51	85.7	16.34	91.6	17.85	97.7	19.28	109.7	22.71	121.8	25.98
	43	60.2	11.89	71.9	14.71	83.5	17.82	89.4	19.45	95.2	21.03	106.9	24.79	118.7	28.37
46	56.4	13.30	67.3	16.52	78.4	20.04	83.8	21.86	89.3	23.67	100.3	27.92	111.2	32.33	
48	49.9	11.59	59.6	14.41	69.2	17.51	74.2	19.10	78.9	20.67	88.7	24.42	98.4	28.28	
50	10	52.9	5.32	63.3	6.16	73.3	7.00	78.4	7.51	83.5	7.95	93.5	8.96	104.1	9.96
	12	52.9	5.38	63.3	6.21	73.3	7.10	78.4	7.61	83.5	8.11	93.5	9.12	104.1	10.14
	14	52.9	5.43	63.3	6.32	73.3	7.22	78.4	7.72	83.5	8.22	93.5	9.23	104.1	10.30
	16	52.9	5.54	63.3	6.44	73.3	7.33	78.4	7.89	83.5	8.34	93.5	9.40	104.1	10.47
	18	52.9	5.60	63.3	6.50	73.3	7.44	78.4	8.00	83.5	8.51	93.5	9.57	104.1	10.70
	20	52.9	5.65	63.3	6.60	73.3	7.61	78.4	8.11	83.5	8.67	93.5	9.74	104.1	10.92
	21	52.9	5.71	63.3	6.66	73.3	7.66	78.4	8.22	83.5	8.73	93.5	9.85	104.1	11.03
	23	52.9	5.83	63.3	6.77	73.3	7.78	78.4	8.34	83.5	8.90	93.5	10.03	104.1	11.25
	25	52.9	5.88	63.3	6.88	73.3	7.95	78.4	8.51	83.5	9.18	93.5	10.52	104.1	12.04
	27	52.9	5.99	63.3	7.10	73.3	8.40	78.4	9.07	83.5	9.74	93.5	11.25	104.1	12.81
	29	52.9	6.32	63.3	7.56	73.3	8.90	78.4	9.63	83.5	10.36	93.5	11.92	104.1	13.60
	31	52.9	6.66	63.3	8.00	73.3	9.46	78.4	10.18	83.5	11.03	93.5	12.71	104.1	14.49
	33	52.9	7.05	63.3	8.45	73.3	10.03	78.4	10.80	83.5	11.71	93.5	13.49	104.1	15.45
	35	52.9	7.44	63.3	8.96	73.3	10.59	78.4	11.48	83.5	12.37	93.5	14.28	104.1	16.40
	37	52.9	7.89	63.3	9.46	73.3	11.20	78.4	12.15	83.5	13.09	93.5	15.23	104.1	17.41
	39	52.9	8.42	63.3	10.14	73.3	12.00	78.4	13.07	83.5	14.05	93.5	16.21	104.1	18.81
	41	51.5	9.11	61.6	10.97	71.4	13.12	76.4	14.16	81.2	15.23	91.1	17.78	101.4	20.41
	43	50.4	9.90	60.2	11.94	69.7	14.28	74.5	15.41	79.3	16.58	88.8	19.38	99.0	22.27
46	47.1	11.08	56.4	13.39	65.3	16.01	69.8	17.32	74.2	18.61	83.2	21.81	92.8	25.08	
48	41.7	9.66	49.9	11.68	57.8	13.96	61.8	15.12	65.8	16.24	73.7	19.06	82.1	21.91	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM580BTE5

Cooling Capacity (58HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	148.4	16.00	176.9	19.55	189.5	22.68	194.9	23.15	200.4	23.33	210.1	23.51	215.5	23.60
	12	148.4	16.39	176.9	20.25	189.5	23.61	194.9	23.76	200.4	23.96	210.1	24.15	215.5	24.36
	14	148.4	16.94	176.9	20.99	189.5	24.50	194.9	24.68	200.4	24.88	210.1	25.06	215.5	25.30
	16	148.4	17.56	176.9	21.71	189.5	25.59	194.9	25.84	200.4	26.04	210.1	26.28	215.5	26.48
	18	148.4	18.30	176.9	22.96	189.5	26.77	194.9	27.35	200.4	27.57	210.1	27.84	215.5	28.03
	20	148.4	19.10	176.9	24.47	189.5	28.10	194.9	30.08	200.4	30.33	207.0	30.63	212.5	30.83
	21	148.4	19.60	176.9	25.33	189.5	28.68	194.9	31.83	200.4	32.09	205.9	32.41	211.2	32.63
	23	148.4	21.04	176.9	26.65	189.5	30.17	194.9	35.13	197.8	35.41	202.8	35.77	208.3	36.00
	25	148.4	22.47	176.9	28.18	189.5	32.25	192.7	38.96	194.9	39.28	200.4	39.66	205.9	39.94
	27	148.4	24.04	176.9	30.12	187.1	34.36	189.5	42.89	192.7	43.23	197.8	43.67	202.8	43.96
	29	148.4	25.62	176.9	32.20	184.1	36.96	186.7	47.14	189.5	47.42	194.9	47.85	200.4	48.04
	31	148.4	27.33	176.3	33.93	181.1	39.32	184.1	46.94	186.7	47.22	191.9	47.64	197.4	47.83
	33	148.4	29.13	173.2	35.94	178.7	42.17	181.6	46.50	184.1	46.80	189.5	47.21	194.3	47.40
	35	148.4	31.05	170.1	37.64	175.6	45.68	178.7	45.91	181.6	46.18	186.5	46.60	191.9	46.77
	37	148.4	33.12	167.7	39.50	173.2	45.07	175.6	45.30	178.7	45.57	183.5	45.97	189.0	46.16
	39	148.4	35.27	164.8	41.58	170.1	44.47	173.2	44.69	175.6	44.96	181.1	45.36	186.5	45.54
	41	144.7	37.41	158.0	43.65	163.3	43.86	165.8	44.08	169.0	44.34	174.0	44.75	178.8	44.93
	43	141.1	39.45	151.3	43.04	156.6	43.26	159.0	43.48	162.2	43.74	167.2	44.13	171.7	44.30
46	132.3	42.23	138.1	42.15	143.1	42.36	145.3	42.57	148.4	42.83	153.0	43.20	157.2	43.38	
48	117.0	41.06	119.9	41.17	124.4	41.26	126.3	41.38	129.1	41.74	133.2	42.00	136.9	42.16	
120	10	137.3	14.39	163.3	17.65	178.4	20.96	183.8	22.67	189.3	23.01	199.6	23.11	204.5	23.29
	12	137.3	14.78	163.3	18.25	178.4	21.81	183.8	23.15	189.3	23.87	199.6	24.15	204.5	24.35
	14	137.3	15.29	163.3	18.86	178.4	22.69	183.8	24.02	189.3	24.74	199.6	25.11	204.5	25.31
	16	137.3	15.84	163.3	19.63	178.4	23.57	183.8	24.91	189.3	25.89	199.6	26.21	204.5	26.41
	18	137.3	16.46	163.3	20.51	178.4	24.51	183.8	26.23	189.3	27.22	199.6	27.53	204.5	27.75
	20	137.3	17.09	163.3	21.76	178.4	25.84	183.8	27.59	189.3	28.66	199.6	29.03	204.5	29.27
	21	137.3	17.61	163.3	22.53	178.4	26.55	183.8	28.41	189.3	29.61	199.6	29.99	204.5	30.22
	23	137.3	18.82	163.3	24.11	178.4	28.45	183.8	30.19	189.3	31.56	199.6	31.88	204.5	32.14
	25	137.3	20.10	163.3	25.84	178.4	30.01	183.8	32.17	189.3	33.84	197.2	34.13	202.0	34.41
	27	137.3	21.46	163.3	27.62	178.4	31.94	183.8	34.38	189.3	36.37	194.1	36.62	199.1	36.91
	29	137.3	22.90	163.3	29.48	178.4	33.61	183.8	36.80	186.2	38.77	191.1	39.34	196.6	39.66
	31	137.3	24.40	163.3	31.48	178.4	35.34	181.4	39.42	183.8	41.58	188.7	42.32	193.5	42.66
	33	137.3	25.97	163.3	33.56	176.0	37.39	178.4	42.79	180.8	44.64	185.6	45.16	190.5	45.52
	35	137.3	27.62	163.3	35.77	173.0	39.58	175.4	47.14	178.4	47.37	183.2	47.51	188.0	47.89
	37	137.3	29.71	163.3	37.76	170.6	42.19	173.0	46.15	175.4	46.37	180.3	46.51	185.1	46.89
	39	137.3	31.99	162.7	39.90	167.6	44.75	170.0	45.20	172.4	45.43	177.9	45.57	182.7	45.91
	41	133.9	34.26	155.6	42.05	160.9	43.86	163.1	44.25	165.5	44.48	170.3	44.61	175.1	44.96
	43	130.5	36.57	149.0	41.44	154.2	42.88	156.4	43.30	158.8	43.52	163.4	43.65	168.2	44.00
46	122.3	39.32	135.9	40.46	140.8	41.54	142.9	41.88	145.0	42.08	149.5	42.22	153.9	42.55	
48	108.2	38.51	118.0	39.74	122.4	40.72	124.2	40.98	126.2	41.11	130.0	41.27	133.9	41.44	
110	10	125.7	12.94	149.8	15.77	167.3	18.74	172.1	20.29	183.0	21.83	187.2	22.45	199.9	22.81
	12	125.7	13.35	149.8	16.31	167.3	19.52	172.1	20.85	183.0	22.65	187.2	23.38	199.9	23.92
	14	125.7	13.77	149.8	17.04	167.3	20.40	172.1	21.89	183.0	23.79	187.2	24.47	199.9	24.99
	16	125.7	14.26	149.8	17.66	167.3	21.24	172.1	22.85	183.0	24.89	187.2	25.57	199.9	26.02
	18	125.7	14.78	149.8	18.41	167.3	22.47	172.1	24.06	183.0	26.25	187.2	26.77	199.9	27.27
	20	125.7	15.31	149.8	19.32	167.3	23.83	172.1	25.16	183.0	27.53	187.2	28.21	199.9	28.66
	21	125.7	15.66	149.8	19.89	167.3	24.45	172.1	25.84	183.0	28.29	187.2	29.01	199.9	29.46
	23	125.7	16.67	149.8	21.33	167.3	25.81	172.1	27.27	183.0	29.89	187.2	30.54	199.9	31.04
	25	125.7	17.82	149.8	22.75	167.3	27.26	172.1	28.84	183.0	31.58	187.2	32.04	197.5	32.70
	27	125.7	19.03	149.8	24.34	167.3	28.81	172.1	30.53	183.0	32.99	187.2	33.74	194.6	34.31
	29	125.7	20.32	149.8	25.97	167.3	30.44	172.1	32.33	183.0	34.86	187.2	35.45	192.1	36.00
	31	125.7	21.60	149.8	27.69	167.3	32.17	172.1	34.25	180.0	36.63	184.8	37.34	189.0	37.73
	33	125.7	23.04	149.8	29.48	167.3	33.99	172.1	36.30	177.5	38.68	181.8	39.32	186.6	39.54
	35	125.7	24.47	149.8	31.48	167.3	35.89	172.1	38.46	174.5	40.83	178.8	41.20	183.7	41.41
	37	125.7	25.93	149.8	33.42	167.3	37.89	169.7	40.74	171.6	43.06	176.4	43.20	180.6	43.32
	39	125.7	27.96	149.8	35.50	164.3	39.98	166.7	43.58	169.2	45.19	173.4	45.26	178.2	45.30
	41	122.4	29.99	146.0	37.60	157.2	42.16	159.7	47.14	161.8	47.14	166.6	47.51	170.6	47.89
	43	119.4	31.49	142.4	39.17	150.8	44.71	153.2	45.21	155.2	45.12	159.8	45.37	163.8	45.51
46	111.9	30.74	133.4	37.82	137.5	42.43	139.9	42.43	141.7	42.79	146.0	43.04	149.8	43.15	
48	99.0	29.85	116.0	36.43	119.4	40.37	121.6	40.64	123.2	40.84	127.1	40.95	130.4	41.12	

7. Capacity Tables

Cooling Capacity (58HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	109.7	11.66	130.5	14.17	151.9	16.81	162.4	18.16	172.9	19.51	191.6	21.72	195.8	21.89
	12	109.7	12.03	130.5	14.75	151.9	17.38	162.4	18.65	172.9	20.14	191.6	22.90	195.8	23.12
	14	109.7	12.40	130.5	15.34	151.9	18.11	162.4	19.46	172.9	21.01	191.6	24.18	195.8	24.40
	16	109.7	12.78	130.5	15.84	151.9	18.89	162.4	20.37	172.9	22.13	191.6	25.33	195.8	25.70
	18	109.7	13.16	130.5	16.43	151.9	19.61	162.4	21.38	172.9	23.47	191.6	26.77	195.8	26.98
	20	109.7	13.63	130.5	17.05	151.9	20.75	162.4	22.90	172.9	25.11	191.6	28.05	195.8	28.28
	21	109.7	13.92	130.5	17.46	151.9	21.46	162.4	23.68	172.9	26.04	191.6	28.69	195.8	28.92
	23	109.7	14.75	130.5	18.68	151.9	23.04	162.4	25.41	172.9	27.91	191.6	30.05	195.8	30.28
	25	109.7	15.67	130.5	19.89	151.9	24.61	162.4	27.19	172.9	29.84	191.6	31.33	194.3	31.58
	27	109.7	16.75	130.5	21.25	151.9	26.34	162.4	29.05	172.9	31.72	188.0	32.81	191.9	33.07
	29	109.7	17.82	130.5	22.69	151.9	28.12	162.4	31.05	172.9	33.58	184.4	34.12	189.0	34.40
	31	109.7	19.03	130.5	24.18	151.9	29.99	162.4	33.13	172.9	35.28	181.7	35.44	186.1	35.73
	33	109.7	20.19	130.5	25.76	151.9	31.99	162.4	35.34	172.9	36.62	178.8	36.75	183.2	37.06
	35	109.7	21.46	130.5	27.41	151.9	34.06	162.4	37.71	170.2	37.93	175.5	38.08	180.0	38.39
	37	109.7	22.99	130.5	29.40	151.9	36.08	162.4	39.50	167.4	39.70	172.2	39.86	176.4	40.24
	39	109.7	24.66	130.5	31.58	151.9	38.24	162.4	41.44	164.6	41.63	169.5	41.77	173.5	42.17
	41	107.8	26.30	128.4	33.77	149.5	40.38	155.8	43.36	159.2	43.54	162.9	43.70	168.2	44.11
	43	104.2	27.84	124.0	35.79	144.5	42.32	149.4	45.03	151.1	45.19	155.8	45.34	159.9	45.75
46	97.6	29.94	116.2	38.58	135.3	44.88	136.3	47.14	137.9	47.28	142.3	47.41	146.1	47.86	
48	86.4	25.86	102.8	33.38	116.8	38.37	118.6	39.99	119.8	40.13	123.7	40.22	127.1	40.53	
90	10	98.6	10.10	117.8	12.15	136.8	14.33	146.1	15.44	155.5	16.63	174.5	18.61	193.8	20.70
	12	98.6	10.23	117.8	12.34	136.8	14.58	146.1	15.76	155.5	17.00	174.5	18.97	193.8	21.06
	14	98.6	10.42	117.8	12.59	136.8	14.88	146.1	16.07	155.5	17.31	174.5	19.34	193.8	21.49
	16	98.6	10.60	117.8	12.83	136.8	15.20	146.1	16.38	155.5	17.61	174.5	19.71	193.8	21.85
	18	98.6	10.79	117.8	13.09	136.8	15.44	146.1	16.74	155.5	17.99	174.5	20.14	193.8	22.96
	20	98.6	10.98	117.8	13.34	136.8	15.76	146.1	17.06	155.5	18.68	174.5	21.55	193.8	24.05
	21	98.6	11.10	117.8	13.47	136.8	16.07	146.1	17.61	155.5	19.35	174.5	21.90	193.8	24.60
	23	98.6	11.35	117.8	14.02	136.8	17.18	146.1	18.92	155.5	20.73	174.5	23.23	191.1	25.75
	25	98.6	11.91	117.8	14.95	136.8	18.36	146.1	20.22	155.5	22.14	174.5	24.84	188.3	26.87
	27	98.6	12.72	117.8	15.95	136.8	19.61	146.1	21.59	155.5	23.70	174.5	26.41	185.6	28.12
	29	98.6	13.47	117.8	17.00	136.8	20.97	146.1	23.07	155.5	25.30	174.5	27.98	182.7	29.26
	31	98.6	14.33	117.8	18.12	136.8	22.33	146.1	24.56	155.5	26.98	174.5	29.37	180.0	30.39
	33	98.6	15.26	117.8	19.29	136.8	23.82	146.1	26.18	155.5	28.62	174.5	30.79	177.2	31.51
	35	98.6	16.19	117.8	20.47	136.8	25.30	146.1	27.91	155.5	30.35	171.6	32.56	174.5	33.30
	37	98.6	17.18	117.8	21.77	136.8	26.98	146.1	29.65	155.5	32.03	168.8	34.04	171.7	34.80
	39	98.6	18.20	117.8	23.15	136.8	28.56	146.1	31.55	155.5	33.69	166.1	35.88	169.0	36.31
	41	96.1	20.36	114.7	25.68	133.4	31.35	142.4	34.51	151.5	36.38	159.1	37.81	161.9	38.68
	43	93.7	21.98	111.8	27.75	130.0	34.25	138.9	37.16	147.7	38.99	152.6	40.50	155.3	40.98
46	87.8	24.73	104.9	31.60	121.8	39.01	130.2	42.14	134.2	43.32	139.2	44.46	141.9	44.52	
48	77.7	21.61	92.8	27.64	107.8	34.13	115.1	36.76	116.5	37.34	121.0	38.27	123.3	38.31	
80	10	87.5	8.49	104.4	10.19	121.3	11.96	130.0	12.90	138.7	13.85	155.5	15.79	172.2	17.15
	12	87.5	8.66	104.4	10.30	121.3	12.20	130.0	13.14	138.7	14.08	155.5	16.09	172.2	17.48
	14	87.5	8.78	104.4	10.55	121.3	12.37	130.0	13.37	138.7	14.31	155.5	16.38	172.2	17.82
	16	87.5	8.90	104.4	10.72	121.3	12.61	130.0	13.62	138.7	14.61	155.5	16.73	172.2	18.16
	18	87.5	9.07	104.4	10.89	121.3	12.84	130.0	13.85	138.7	14.90	155.5	17.02	172.2	18.56
	20	87.5	9.25	104.4	11.13	121.3	13.14	130.0	14.15	138.7	15.20	155.5	17.68	172.2	19.66
	21	87.5	9.31	104.4	11.26	121.3	13.25	130.0	14.31	138.7	15.56	155.5	18.24	172.2	20.18
	23	87.5	9.49	104.4	11.42	121.3	13.85	130.0	15.20	138.7	16.62	155.5	19.25	172.2	21.18
	25	87.5	9.84	104.4	12.20	121.3	14.85	130.0	16.26	138.7	17.79	155.5	20.60	172.2	22.66
	27	87.5	10.43	104.4	12.95	121.3	15.84	130.0	17.38	138.7	18.97	155.5	21.89	172.2	23.83
	29	87.5	11.08	104.4	13.85	121.3	16.85	130.0	18.49	138.7	20.27	155.5	23.46	172.2	25.50
	31	87.5	11.78	104.4	14.67	121.3	17.97	130.0	19.74	138.7	21.56	155.5	24.88	172.2	26.78
	33	87.5	12.50	104.4	15.68	121.3	19.16	130.0	21.03	138.7	22.98	155.5	26.23	172.2	28.08
	35	87.5	13.25	104.4	16.62	121.3	20.39	130.0	22.39	138.7	24.51	155.5	27.81	170.4	29.10
	37	87.5	14.03	104.4	17.66	121.3	21.62	130.0	23.81	138.7	26.04	155.5	29.35	167.7	30.42
	39	87.5	14.82	104.4	18.68	121.3	23.14	130.0	25.59	138.7	27.99	155.5	31.01	164.9	32.10
	41	85.4	16.39	101.7	20.70	118.1	25.39	126.6	28.04	135.0	30.74	151.5	34.51	158.0	35.56
	43	83.2	18.05	99.2	22.59	115.2	27.72	123.4	30.58	131.8	33.60	147.7	36.92	151.5	38.07
46	78.0	20.07	93.0	25.44	107.9	31.22	115.7	34.02	123.4	37.92	135.0	40.31	138.2	40.95	
48	69.1	17.53	82.2	22.24	95.5	27.31	102.4	29.72	109.2	33.19	117.3	34.89	120.2	35.25	

7. Capacity Tables

Cooling Capacity (58HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	76.5	7.46	91.7	8.87	106.2	10.28	113.6	11.10	121.3	11.87	135.8	13.52	150.8	15.11
	12	76.5	7.57	91.7	8.99	106.2	10.52	113.6	11.29	121.3	12.11	135.8	13.75	150.8	15.41
	14	76.5	7.70	91.7	9.10	106.2	10.69	113.6	11.45	121.3	12.28	135.8	14.04	150.8	15.68
	16	76.5	7.81	91.7	9.29	106.2	10.88	113.6	11.70	121.3	12.52	135.8	14.28	150.8	16.03
	18	76.5	7.92	91.7	9.46	106.2	11.10	113.6	11.93	121.3	12.75	135.8	14.51	150.8	16.30
	20	76.5	8.06	91.7	9.63	106.2	11.29	113.6	12.17	121.3	13.04	135.8	14.86	150.8	16.92
	21	76.5	8.17	91.7	9.70	106.2	11.40	113.6	12.28	121.3	13.16	135.8	15.11	150.8	17.28
	23	76.5	8.29	91.7	9.93	106.2	11.63	113.6	12.69	121.3	13.82	135.8	16.16	150.8	18.24
	25	76.5	8.40	91.7	10.28	106.2	12.39	113.6	13.57	121.3	14.75	135.8	17.27	150.8	19.13
	27	76.5	8.87	91.7	10.99	106.2	13.22	113.6	14.39	121.3	15.75	135.8	18.45	150.8	20.34
	29	76.5	9.46	91.7	11.63	106.2	14.04	113.6	15.33	121.3	16.75	135.8	19.69	150.8	21.79
	31	76.5	10.04	91.7	12.39	106.2	14.99	113.6	16.40	121.3	17.87	135.8	20.98	150.8	23.12
	33	76.5	10.64	91.7	13.10	106.2	15.92	113.6	17.39	121.3	18.98	135.8	22.32	150.8	24.61
	35	76.5	11.22	91.7	13.98	106.2	16.92	113.6	18.51	121.3	20.21	135.8	23.79	150.8	26.10
	37	76.5	11.93	91.7	14.81	106.2	17.99	113.6	19.69	121.3	21.50	135.8	25.33	150.8	27.54
	39	76.5	12.66	91.7	15.79	106.2	19.23	113.6	21.18	121.3	23.23	135.8	27.10	150.8	29.69
	41	74.6	14.00	89.3	17.30	103.4	21.09	110.7	23.23	118.1	25.26	132.3	29.77	146.9	32.03
	43	72.8	15.25	87.0	18.86	100.9	23.01	108.1	25.33	115.2	27.58	129.0	32.52	143.3	34.62
46	68.2	16.94	81.7	21.21	94.6	25.91	101.2	28.21	107.9	31.09	120.8	36.69	134.3	38.60	
48	60.4	14.79	72.2	18.52	83.6	22.66	89.6	24.66	95.5	27.20	106.9	32.11	118.9	33.40	
60	10	65.6	6.45	78.3	7.56	91.0	8.79	97.5	9.44	103.9	10.01	116.5	11.37	129.4	12.72
	12	65.6	6.56	78.3	7.67	91.0	8.90	97.5	9.55	103.9	10.20	116.5	11.55	129.4	12.96
	14	65.6	6.62	78.3	7.79	91.0	9.08	97.5	9.73	103.9	10.37	116.5	11.77	129.4	13.18
	16	65.6	6.74	78.3	7.97	91.0	9.20	97.5	9.90	103.9	10.61	116.5	12.01	129.4	13.42
	18	65.6	6.86	78.3	8.09	91.0	9.38	97.5	10.08	103.9	10.78	116.5	12.19	129.4	13.72
	20	65.6	6.97	78.3	8.20	91.0	9.55	97.5	10.25	103.9	10.96	116.5	12.42	129.4	14.00
	21	65.6	7.03	78.3	8.27	91.0	9.67	97.5	10.37	103.9	11.07	116.5	12.61	129.4	14.12
	23	65.6	7.15	78.3	8.44	91.0	9.79	97.5	10.55	103.9	11.31	116.5	13.07	129.4	15.00
	25	65.6	7.27	78.3	8.62	91.0	10.20	97.5	11.07	103.9	12.01	116.5	13.95	129.4	16.06
	27	65.6	7.51	78.3	9.08	91.0	10.85	97.5	11.77	103.9	12.77	116.5	14.83	129.4	17.11
	29	65.6	7.97	78.3	9.67	91.0	11.55	97.5	12.54	103.9	13.60	116.5	15.82	129.4	18.28
	31	65.6	8.44	78.3	10.25	91.0	12.25	97.5	13.36	103.9	14.48	116.5	16.87	129.4	19.45
	33	65.6	8.90	78.3	10.85	91.0	13.01	97.5	14.18	103.9	15.41	116.5	17.93	129.4	20.75
	35	65.6	9.44	78.3	11.55	91.0	13.83	97.5	15.06	103.9	16.35	116.5	19.10	129.4	22.03
	37	65.6	9.96	78.3	12.18	91.0	14.65	97.5	16.00	103.9	17.35	116.5	20.28	129.4	23.43
	39	65.6	10.60	78.3	12.97	91.0	15.81	97.5	17.17	103.9	18.66	116.5	21.74	129.4	25.12
	41	63.8	11.50	76.3	14.19	88.8	17.17	94.9	18.75	101.2	20.26	113.6	23.86	126.1	27.29
	43	62.3	12.49	74.4	15.46	86.5	18.72	92.6	20.43	98.6	22.10	110.7	26.04	122.9	29.81
46	58.4	13.98	69.8	17.36	81.2	21.05	86.8	22.97	92.5	24.87	103.9	29.34	115.2	33.97	
48	51.7	12.18	61.7	15.14	71.7	18.40	76.8	20.07	81.7	21.72	91.8	25.66	102.0	29.72	
50	10	54.8	5.55	65.6	6.43	75.9	7.30	81.2	7.84	86.5	8.30	96.8	9.35	107.8	10.40
	12	54.8	5.61	65.6	6.49	75.9	7.42	81.2	7.95	86.5	8.47	96.8	9.52	107.8	10.58
	14	54.8	5.67	65.6	6.60	75.9	7.54	81.2	8.06	86.5	8.59	96.8	9.64	107.8	10.76
	16	54.8	5.79	65.6	6.72	75.9	7.65	81.2	8.24	86.5	8.71	96.8	9.81	107.8	10.93
	18	54.8	5.85	65.6	6.78	75.9	7.77	81.2	8.35	86.5	8.88	96.8	9.99	107.8	11.17
	20	54.8	5.90	65.6	6.90	75.9	7.95	81.2	8.47	86.5	9.06	96.8	10.17	107.8	11.40
	21	54.8	5.96	65.6	6.96	75.9	8.00	81.2	8.59	86.5	9.12	96.8	10.29	107.8	11.52
	23	54.8	6.09	65.6	7.07	75.9	8.12	81.2	8.71	86.5	9.29	96.8	10.47	107.8	11.75
	25	54.8	6.14	65.6	7.18	75.9	8.30	81.2	8.88	86.5	9.59	96.8	10.98	107.8	12.57
	27	54.8	6.25	65.6	7.42	75.9	8.77	81.2	9.47	86.5	10.17	96.8	11.75	107.8	13.38
	29	54.8	6.60	65.6	7.89	75.9	9.29	81.2	10.05	86.5	10.82	96.8	12.45	107.8	14.20
	31	54.8	6.96	65.6	8.35	75.9	9.88	81.2	10.63	86.5	11.52	96.8	13.27	107.8	15.13
	33	54.8	7.37	65.6	8.82	75.9	10.47	81.2	11.28	86.5	12.22	96.8	14.09	107.8	16.14
	35	54.8	7.77	65.6	9.35	75.9	11.05	81.2	11.99	86.5	12.92	96.8	14.91	107.8	17.12
	37	54.8	8.24	65.6	9.88	75.9	11.69	81.2	12.68	86.5	13.67	96.8	15.90	107.8	18.17
	39	54.8	8.79	65.6	10.59	75.9	12.53	81.2	13.65	86.5	14.67	96.8	16.93	107.8	19.64
	41	53.4	9.51	63.8	11.46	74.0	13.69	79.1	14.78	84.1	15.90	94.4	18.57	105.1	21.32
	43	52.2	10.33	62.3	12.46	72.2	14.91	77.2	16.09	82.2	17.31	92.0	20.24	102.5	23.26
46	48.8	11.57	58.4	13.98	67.7	16.72	72.3	18.08	76.9	19.44	86.2	22.77	96.1	26.19	
48	43.2	10.08	51.7	12.19	59.9	14.58	64.0	15.79	68.1	16.96	76.3	19.90	85.0	22.88	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM600BTE5

Cooling Capacity (60HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	153.5	17.01	183.0	20.79	196.0	24.11	201.7	24.62	207.3	24.81	217.3	25.00	223.0	25.10
	12	153.5	17.42	183.0	21.54	196.0	25.10	201.7	25.27	207.3	25.47	217.3	25.68	223.0	25.90
	14	153.5	18.02	183.0	22.32	196.0	26.05	201.7	26.24	207.3	26.46	217.3	26.65	223.0	26.90
	16	153.5	18.68	183.0	23.09	196.0	27.21	201.7	27.48	207.3	27.69	217.3	27.94	223.0	28.16
	18	153.5	19.46	183.0	24.42	196.0	28.47	201.7	29.08	207.3	29.32	217.3	29.61	223.0	29.80
	20	153.5	20.31	183.0	26.02	196.0	29.88	201.7	31.98	207.3	32.25	214.2	32.57	219.8	32.78
	21	153.5	20.84	183.0	26.94	196.0	30.50	201.7	33.85	207.3	34.12	213.0	34.46	218.5	34.70
	23	153.5	22.37	183.0	28.33	196.0	32.08	201.7	37.36	204.7	37.65	209.8	38.04	215.5	38.28
	25	153.5	23.89	183.0	29.97	196.0	34.29	199.3	41.43	201.7	41.77	207.3	42.18	213.0	42.47
	27	153.5	25.56	183.0	32.03	193.5	36.54	196.0	45.60	199.3	45.97	204.7	46.43	209.8	46.74
	29	153.5	27.24	183.0	34.24	190.5	39.30	193.2	50.13	196.0	50.42	201.7	50.88	207.3	51.08
	31	153.5	29.07	182.3	36.08	187.3	41.82	190.5	49.91	193.2	50.21	198.5	50.66	204.2	50.86
	33	153.5	30.97	179.2	38.21	184.8	44.85	187.8	49.45	190.5	49.77	196.0	50.20	201.0	50.40
	35	153.5	33.02	176.0	40.03	181.7	48.58	184.8	48.82	187.8	49.11	193.0	49.55	198.5	49.74
	37	153.5	35.21	173.5	42.01	179.2	47.93	181.7	48.17	184.8	48.46	189.8	48.89	195.5	49.09
	39	153.5	37.51	170.5	44.22	176.0	47.29	179.2	47.52	181.7	47.81	187.3	48.24	193.0	48.43
	41	149.7	39.78	163.5	46.42	169.0	46.64	171.5	46.88	174.8	47.15	180.0	47.59	185.0	47.78
	43	146.0	41.96	156.5	45.77	162.0	46.01	164.5	46.23	167.8	46.52	173.0	46.93	177.7	47.10
46	136.8	44.90	142.8	44.82	148.0	45.04	150.3	45.26	153.5	45.55	158.3	45.94	162.7	46.13	
48	121.0	43.66	124.0	43.78	128.7	43.88	130.7	44.00	133.5	44.39	137.8	44.66	141.7	44.83	
120	10	142.0	15.31	169.0	18.76	184.5	22.29	190.2	24.11	195.8	24.47	206.5	24.57	211.5	24.76
	12	142.0	15.72	169.0	19.41	184.5	23.19	190.2	24.62	195.8	25.39	206.5	25.68	211.5	25.90
	14	142.0	16.26	169.0	20.06	184.5	24.13	190.2	25.54	195.8	26.31	206.5	26.70	211.5	26.92
	16	142.0	16.84	169.0	20.88	184.5	25.06	190.2	26.48	195.8	27.53	206.5	27.87	211.5	28.08
	18	142.0	17.50	169.0	21.81	184.5	26.07	190.2	27.89	195.8	28.95	206.5	29.27	211.5	29.51
	20	142.0	18.17	169.0	23.14	184.5	27.48	190.2	29.34	195.8	30.48	206.5	30.87	211.5	31.13
	21	142.0	18.73	169.0	23.96	184.5	28.23	190.2	30.21	195.8	31.48	206.5	31.89	211.5	32.13
	23	142.0	20.01	169.0	25.64	184.5	30.26	190.2	32.10	195.8	33.56	206.5	33.90	211.5	34.17
	25	142.0	21.37	169.0	27.48	184.5	31.91	190.2	34.21	195.8	35.98	204.0	36.30	209.0	36.59
	27	142.0	22.82	169.0	29.37	184.5	33.97	190.2	36.56	195.8	38.67	200.8	38.94	206.0	39.25
	29	142.0	24.35	169.0	31.35	184.5	35.74	190.2	39.13	192.7	41.22	197.7	41.84	203.3	42.18
	31	142.0	25.95	169.0	33.48	184.5	37.58	187.7	41.92	190.2	44.22	195.2	45.00	200.2	45.36
	33	142.0	27.62	169.0	35.69	182.0	39.76	184.5	45.50	187.0	47.47	192.0	48.02	197.0	48.41
	35	142.0	29.37	169.0	38.04	179.0	42.09	181.5	50.13	184.5	50.37	189.5	50.52	194.5	50.93
	37	142.0	31.59	169.0	40.15	176.5	44.87	179.0	49.07	181.5	49.31	186.5	49.45	191.5	49.86
	39	142.0	34.02	168.3	42.43	173.3	47.59	175.8	48.07	178.3	48.31	184.0	48.46	189.0	48.82
	41	138.5	36.44	161.0	44.71	166.5	46.64	168.7	47.05	171.2	47.30	176.2	47.44	181.2	47.81
	43	135.0	38.89	154.2	44.07	159.5	45.60	161.8	46.04	164.3	46.28	169.0	46.42	174.0	46.79
46	126.5	41.82	140.5	43.03	145.7	44.17	147.8	44.53	150.0	44.75	154.7	44.90	159.2	45.24	
48	112.0	40.95	122.0	42.26	126.7	43.30	128.5	43.57	130.5	43.71	134.5	43.88	138.5	44.07	
110	10	130.0	13.76	155.0	16.77	173.0	19.92	178.0	21.57	189.3	23.21	193.7	23.87	206.8	24.25
	12	130.0	14.20	155.0	17.35	173.0	20.76	178.0	22.17	189.3	24.08	193.7	24.86	206.8	25.44
	14	130.0	14.64	155.0	18.12	173.0	21.69	178.0	23.28	189.3	25.30	193.7	26.02	206.8	26.58
	16	130.0	15.17	155.0	18.78	173.0	22.58	178.0	24.30	189.3	26.46	193.7	27.19	206.8	27.67
	18	130.0	15.72	155.0	19.58	173.0	23.89	178.0	25.59	189.3	27.91	193.7	28.47	206.8	29.00
	20	130.0	16.28	155.0	20.55	173.0	25.34	178.0	26.75	189.3	29.27	193.7	30.00	206.8	30.48
	21	130.0	16.65	155.0	21.15	173.0	26.00	178.0	27.48	189.3	30.09	193.7	30.85	206.8	31.33
	23	130.0	17.73	155.0	22.68	173.0	27.45	178.0	29.00	189.3	31.79	193.7	32.47	206.8	33.00
	25	130.0	18.95	155.0	24.20	173.0	28.98	178.0	30.67	189.3	33.58	193.7	34.07	204.3	34.77
	27	130.0	20.23	155.0	25.88	173.0	30.63	178.0	32.47	189.3	35.08	193.7	35.88	201.3	36.49
	29	130.0	21.61	155.0	27.62	173.0	32.37	178.0	34.38	189.3	37.07	193.7	37.70	198.7	38.28
	31	130.0	22.97	155.0	29.44	173.0	34.21	178.0	36.42	186.2	38.96	191.2	39.71	195.5	40.12
	33	130.0	24.50	155.0	31.35	173.0	36.15	178.0	38.60	183.7	41.14	188.0	41.82	193.0	42.04
	35	130.0	26.02	155.0	33.48	173.0	38.16	178.0	40.90	180.5	43.42	185.0	43.81	190.0	44.03
	37	130.0	27.57	155.0	35.54	173.0	40.29	175.5	43.32	177.5	45.79	182.5	45.94	186.8	46.06
	39	130.0	29.73	155.0	37.75	170.0	42.52	172.5	46.35	175.0	48.05	179.3	48.12	184.3	48.17
	41	126.7	31.89	151.0	39.98	162.7	44.83	165.2	50.13	167.3	50.13	172.3	50.52	176.5	50.93
	43	123.5	33.49	147.3	41.65	156.0	47.54	158.5	48.07	160.5	47.98	165.3	48.24	169.5	48.39
46	115.8	32.69	138.0	40.22	142.2	45.12	144.7	45.12	146.5	45.50	151.0	45.77	155.0	45.89	
48	102.5	31.74	120.0	38.74	123.5	42.93	125.8	43.22	127.5	43.42	131.5	43.54	134.8	43.73	

7. Capacity Tables

Cooling Capacity (60HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	113.5	12.40	135.0	15.07	157.2	17.88	168.0	19.31	178.8	20.74	198.2	23.09	202.5	23.28
	12	113.5	12.79	135.0	15.68	157.2	18.49	168.0	19.84	178.8	21.42	198.2	24.35	202.5	24.59
	14	113.5	13.18	135.0	16.31	157.2	19.26	168.0	20.69	178.8	22.34	198.2	25.71	202.5	25.95
	16	113.5	13.59	135.0	16.84	157.2	20.09	168.0	21.66	178.8	23.53	198.2	26.94	202.5	27.33
	18	113.5	14.00	135.0	17.47	157.2	20.86	168.0	22.73	178.8	24.96	198.2	28.47	202.5	28.69
	20	113.5	14.49	135.0	18.13	157.2	22.07	168.0	24.35	178.8	26.70	198.2	29.83	202.5	30.07
	21	113.5	14.80	135.0	18.56	157.2	22.82	168.0	25.18	178.8	27.69	198.2	30.51	202.5	30.75
	23	113.5	15.68	135.0	19.87	157.2	24.50	168.0	27.02	178.8	29.68	198.2	31.96	202.5	32.20
	25	113.5	16.67	135.0	21.15	157.2	26.17	168.0	28.91	178.8	31.74	198.2	33.32	201.0	33.58
	27	113.5	17.81	135.0	22.60	157.2	28.01	168.0	30.89	178.8	33.73	194.5	34.89	198.5	35.16
	29	113.5	18.95	135.0	24.13	157.2	29.90	168.0	33.02	178.8	35.71	190.8	36.29	195.5	36.58
	31	113.5	20.23	135.0	25.71	157.2	31.89	168.0	35.23	178.8	37.51	188.0	37.68	192.5	37.99
	33	113.5	21.47	135.0	27.40	157.2	34.02	168.0	37.58	178.8	38.94	185.0	39.08	189.5	39.40
	35	113.5	22.82	135.0	29.15	157.2	36.22	168.0	40.10	176.0	40.34	181.5	40.49	186.2	40.83
	37	113.5	24.45	135.0	31.26	157.2	38.36	168.0	42.01	173.2	42.21	178.2	42.38	182.5	42.79
	39	113.5	26.22	135.0	33.58	157.2	40.66	168.0	44.07	170.3	44.27	175.3	44.41	179.5	44.85
	41	111.5	27.96	132.8	35.91	154.7	42.94	161.2	46.11	164.7	46.30	168.5	46.47	174.0	46.91
	43	107.8	29.61	128.3	38.06	149.5	45.00	154.5	47.88	156.3	48.05	161.2	48.22	165.5	48.65
46	101.0	31.84	120.2	41.02	140.0	47.73	141.0	50.13	142.7	50.28	147.2	50.42	151.2	50.90	
48	89.3	27.50	106.3	35.50	120.8	40.80	122.7	42.52	124.0	42.67	128.0	42.77	131.5	43.10	
90	10	102.0	10.74	121.8	12.92	141.5	15.24	151.2	16.42	160.8	17.68	180.5	19.79	200.5	22.01
	12	102.0	10.88	121.8	13.13	141.5	15.50	151.2	16.76	160.8	18.07	180.5	20.17	200.5	22.40
	14	102.0	11.08	121.8	13.38	141.5	15.82	151.2	17.08	160.8	18.41	180.5	20.56	200.5	22.84
	16	102.0	11.27	121.8	13.64	141.5	16.16	151.2	17.42	160.8	18.72	180.5	20.95	200.5	23.24
	18	102.0	11.47	121.8	13.91	141.5	16.42	151.2	17.80	160.8	19.13	180.5	21.41	200.5	24.41
	20	102.0	11.68	121.8	14.18	141.5	16.76	151.2	18.14	160.8	19.86	180.5	22.91	200.5	25.57
	21	102.0	11.80	121.8	14.32	141.5	17.08	151.2	18.72	160.8	20.58	180.5	23.29	200.5	26.15
	23	102.0	12.07	121.8	14.90	141.5	18.26	151.2	20.12	160.8	22.04	180.5	24.70	197.7	27.38
	25	102.0	12.67	121.8	15.89	141.5	19.52	151.2	21.50	160.8	23.54	180.5	26.41	194.8	28.57
	27	102.0	13.52	121.8	16.96	141.5	20.85	151.2	22.96	160.8	25.20	180.5	28.08	192.0	29.90
	29	102.0	14.32	121.8	18.07	141.5	22.30	151.2	24.53	160.8	26.90	180.5	29.75	189.0	31.11
	31	102.0	15.24	121.8	19.26	141.5	23.75	151.2	26.12	160.8	28.69	180.5	31.23	186.2	32.32
	33	102.0	16.23	121.8	20.51	141.5	25.33	151.2	27.84	160.8	30.43	180.5	32.73	183.3	33.50
	35	102.0	17.22	121.8	21.77	141.5	26.90	151.2	29.68	160.8	32.27	177.5	34.62	180.5	35.41
	37	102.0	18.26	121.8	23.15	141.5	28.69	151.2	31.52	160.8	34.06	174.7	36.19	177.7	37.01
	39	102.0	19.35	121.8	24.62	141.5	30.36	151.2	33.55	160.8	35.82	171.8	38.15	174.8	38.61
	41	99.5	21.65	118.7	27.31	138.0	33.33	147.3	36.69	156.7	38.68	164.5	40.20	167.5	41.12
	43	97.0	23.37	115.7	29.51	134.5	36.41	143.7	39.52	152.8	41.46	157.8	43.06	160.7	43.57
46	90.8	26.29	108.5	33.60	126.0	41.48	134.7	44.80	138.8	46.06	144.0	47.27	146.8	47.34	
48	80.3	22.98	96.0	29.39	111.5	36.29	119.0	39.09	120.5	39.70	125.2	40.69	127.5	40.73	
80	10	90.5	9.03	108.0	10.83	125.5	12.72	134.5	13.72	143.5	14.72	160.8	16.79	178.2	18.23
	12	90.5	9.20	108.0	10.95	125.5	12.97	134.5	13.97	143.5	14.97	160.8	17.11	178.2	18.59
	14	90.5	9.34	108.0	11.22	125.5	13.16	134.5	14.21	143.5	15.21	160.8	17.42	178.2	18.95
	16	90.5	9.46	108.0	11.39	125.5	13.41	134.5	14.48	143.5	15.53	160.8	17.79	178.2	19.30
	18	90.5	9.64	108.0	11.58	125.5	13.65	134.5	14.72	143.5	15.84	160.8	18.10	178.2	19.73
	20	90.5	9.83	108.0	11.83	125.5	13.97	134.5	15.04	143.5	16.16	160.8	18.79	178.2	20.90
	21	90.5	9.90	108.0	11.97	125.5	14.09	134.5	15.21	143.5	16.55	160.8	19.39	178.2	21.46
	23	90.5	10.08	108.0	12.14	125.5	14.72	134.5	16.16	143.5	17.67	160.8	20.46	178.2	22.51
	25	90.5	10.46	108.0	12.97	125.5	15.79	134.5	17.28	143.5	18.91	160.8	21.90	178.2	24.09
	27	90.5	11.09	108.0	13.77	125.5	16.84	134.5	18.47	143.5	20.17	160.8	23.27	178.2	25.33
	29	90.5	11.78	108.0	14.72	125.5	17.91	134.5	19.66	143.5	21.54	160.8	24.94	178.2	27.11
	31	90.5	12.53	108.0	15.60	125.5	19.10	134.5	20.98	143.5	22.92	160.8	26.45	178.2	28.47
	33	90.5	13.29	108.0	16.67	125.5	20.37	134.5	22.36	143.5	24.43	160.8	27.89	178.2	29.86
	35	90.5	14.09	108.0	17.67	125.5	21.68	134.5	23.80	143.5	26.06	160.8	29.57	176.3	30.93
	37	90.5	14.92	108.0	18.78	125.5	22.99	134.5	25.31	143.5	27.69	160.8	31.20	173.5	32.34
	39	90.5	15.75	108.0	19.86	125.5	24.60	134.5	27.21	143.5	29.76	160.8	32.97	170.5	34.12
	41	88.3	17.42	105.2	22.00	122.2	26.99	131.0	29.81	139.7	32.68	156.7	36.69	163.5	37.81
	43	86.0	19.18	102.7	24.02	119.2	29.47	127.7	32.51	136.3	35.72	152.8	39.25	156.7	40.47
46	80.7	21.34	96.2	27.04	111.7	33.19	119.7	36.16	127.7	40.32	139.7	42.85	143.0	43.53	
48	71.5	18.64	85.0	23.65	98.8	29.03	106.0	31.59	113.0	35.28	121.3	37.09	124.3	37.47	

7. Capacity Tables

Cooling Capacity (60HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	79.2	7.93	94.8	9.43	109.8	10.92	117.5	11.80	125.5	12.61	140.5	14.37	156.0	16.06
	12	79.2	8.05	94.8	9.55	109.8	11.19	117.5	12.00	125.5	12.88	140.5	14.62	156.0	16.38
	14	79.2	8.18	94.8	9.67	109.8	11.36	117.5	12.17	125.5	13.05	140.5	14.93	156.0	16.67
	16	79.2	8.30	94.8	9.87	109.8	11.56	117.5	12.44	125.5	13.30	140.5	15.18	156.0	17.04
	18	79.2	8.42	94.8	10.06	109.8	11.80	117.5	12.68	125.5	13.56	140.5	15.42	156.0	17.33
	20	79.2	8.57	94.8	10.23	109.8	12.00	117.5	12.93	125.5	13.86	140.5	15.79	156.0	17.99
	21	79.2	8.69	94.8	10.31	109.8	12.12	117.5	13.05	125.5	13.98	140.5	16.06	156.0	18.36
	23	79.2	8.81	94.8	10.55	109.8	12.36	117.5	13.49	125.5	14.69	140.5	17.18	156.0	19.39
	25	79.2	8.93	94.8	10.92	109.8	13.17	117.5	14.42	125.5	15.67	140.5	18.36	156.0	20.34
	27	79.2	9.43	94.8	11.68	109.8	14.05	117.5	15.30	125.5	16.74	140.5	19.61	156.0	21.62
	29	79.2	10.06	94.8	12.36	109.8	14.93	117.5	16.30	125.5	17.80	140.5	20.93	156.0	23.16
	31	79.2	10.67	94.8	13.17	109.8	15.94	117.5	17.43	125.5	19.00	140.5	22.30	156.0	24.58
	33	79.2	11.31	94.8	13.93	109.8	16.92	117.5	18.48	125.5	20.17	140.5	23.72	156.0	26.15
	35	79.2	11.92	94.8	14.86	109.8	17.99	117.5	19.68	125.5	21.49	140.5	25.29	156.0	27.74
	37	79.2	12.68	94.8	15.74	109.8	19.12	117.5	20.93	125.5	22.86	140.5	26.93	156.0	29.28
	39	79.2	13.46	94.8	16.79	109.8	20.44	117.5	22.52	125.5	24.70	140.5	28.81	156.0	31.56
	41	77.2	14.88	92.3	18.39	107.0	22.42	114.5	24.70	122.2	26.85	136.8	31.65	152.0	34.05
	43	75.3	16.21	90.0	20.05	104.3	24.46	111.8	26.93	119.2	29.31	133.5	34.57	148.2	36.80
46	70.5	18.00	84.5	22.55	97.8	27.54	104.7	29.99	111.7	33.05	125.0	39.00	139.0	41.03	
48	62.5	15.72	74.7	19.68	86.5	24.09	92.7	26.22	98.8	28.91	110.5	34.13	123.0	35.50	
60	10	67.8	6.85	81.0	8.03	94.2	9.34	100.8	10.03	107.5	10.64	120.5	12.09	133.8	13.52
	12	67.8	6.97	81.0	8.15	94.2	9.46	100.8	10.15	107.5	10.84	120.5	12.27	133.8	13.77
	14	67.8	7.04	81.0	8.28	94.2	9.65	100.8	10.34	107.5	11.03	120.5	12.51	133.8	14.01
	16	67.8	7.17	81.0	8.47	94.2	9.78	100.8	10.52	107.5	11.28	120.5	12.76	133.8	14.26
	18	67.8	7.29	81.0	8.60	94.2	9.97	100.8	10.71	107.5	11.45	120.5	12.96	133.8	14.58
	20	67.8	7.41	81.0	8.72	94.2	10.15	100.8	10.89	107.5	11.65	120.5	13.20	133.8	14.88
	21	67.8	7.47	81.0	8.79	94.2	10.27	100.8	11.03	107.5	11.77	120.5	13.40	133.8	15.00
	23	67.8	7.59	81.0	8.97	94.2	10.40	100.8	11.21	107.5	12.02	120.5	13.89	133.8	15.94
	25	67.8	7.73	81.0	9.16	94.2	10.84	100.8	11.77	107.5	12.76	120.5	14.83	133.8	17.07
	27	67.8	7.98	81.0	9.65	94.2	11.53	100.8	12.51	107.5	13.57	120.5	15.76	133.8	18.18
	29	67.8	8.47	81.0	10.27	94.2	12.27	100.8	13.33	107.5	14.46	120.5	16.82	133.8	19.43
	31	67.8	8.97	81.0	10.89	94.2	13.01	100.8	14.19	107.5	15.39	120.5	17.93	133.8	20.67
	33	67.8	9.46	81.0	11.53	94.2	13.82	100.8	15.07	107.5	16.38	120.5	19.06	133.8	22.05
	35	67.8	10.03	81.0	12.27	94.2	14.70	100.8	16.01	107.5	17.37	120.5	20.30	133.8	23.42
	37	67.8	10.59	81.0	12.95	94.2	15.57	100.8	17.00	107.5	18.43	120.5	21.55	133.8	24.90
	39	67.8	11.26	81.0	13.79	94.2	16.80	100.8	18.25	107.5	19.83	120.5	23.10	133.8	26.70
	41	66.0	12.22	79.0	15.08	91.8	18.25	98.2	19.93	104.7	21.53	117.5	25.35	130.5	29.01
	43	64.5	13.28	77.0	16.43	89.5	19.90	95.8	21.72	102.0	23.48	114.5	27.68	127.2	31.68
46	60.5	14.85	72.2	18.45	84.0	22.37	89.8	24.41	95.7	26.43	107.5	31.18	119.2	36.11	
48	53.5	12.95	63.8	16.09	74.2	19.56	79.5	21.33	84.5	23.08	95.0	27.27	105.5	31.58	
50	10	56.7	5.90	67.8	6.84	78.5	7.76	84.0	8.33	89.5	8.82	100.2	9.94	111.5	11.05
	12	56.7	5.97	67.8	6.89	78.5	7.88	84.0	8.45	89.5	9.00	100.2	10.11	111.5	11.25
	14	56.7	6.02	67.8	7.01	78.5	8.01	84.0	8.57	89.5	9.12	100.2	10.24	111.5	11.43
	16	56.7	6.15	67.8	7.14	78.5	8.13	84.0	8.75	89.5	9.25	100.2	10.43	111.5	11.62
	18	56.7	6.22	67.8	7.21	78.5	8.25	84.0	8.87	89.5	9.44	100.2	10.61	111.5	11.87
	20	56.7	6.27	67.8	7.33	78.5	8.45	84.0	9.00	89.5	9.62	100.2	10.81	111.5	12.12
	21	56.7	6.34	67.8	7.39	78.5	8.50	84.0	9.12	89.5	9.69	100.2	10.93	111.5	12.24
	23	56.7	6.47	67.8	7.51	78.5	8.63	84.0	9.25	89.5	9.87	100.2	11.13	111.5	12.49
	25	56.7	6.52	67.8	7.63	78.5	8.82	84.0	9.44	89.5	10.19	100.2	11.67	111.5	13.36
	27	56.7	6.64	67.8	7.88	78.5	9.32	84.0	10.06	89.5	10.81	100.2	12.49	111.5	14.22
	29	56.7	7.01	67.8	8.38	78.5	9.87	84.0	10.68	89.5	11.50	100.2	13.23	111.5	15.09
	31	56.7	7.39	67.8	8.87	78.5	10.49	84.0	11.30	89.5	12.24	100.2	14.10	111.5	16.08
	33	56.7	7.83	67.8	9.37	78.5	11.13	84.0	11.99	89.5	12.99	100.2	14.97	111.5	17.15
	35	56.7	8.25	67.8	9.94	78.5	11.75	84.0	12.74	89.5	13.73	100.2	15.84	111.5	18.19
	37	56.7	8.75	67.8	10.49	78.5	12.42	84.0	13.48	89.5	14.52	100.2	16.90	111.5	19.31
	39	56.7	9.34	67.8	11.25	78.5	13.31	84.0	14.50	89.5	15.59	100.2	17.99	111.5	20.87
	41	55.2	10.11	66.0	12.17	76.5	14.55	81.8	15.71	87.0	16.90	97.7	19.73	108.7	22.65
	43	54.0	10.98	64.5	13.24	74.7	15.84	79.8	17.10	85.0	18.39	95.2	21.51	106.0	24.71
46	50.5	12.29	60.5	14.85	70.0	17.77	74.8	19.21	79.5	20.65	89.2	24.19	99.5	27.83	
48	44.7	10.71	53.5	12.96	62.0	15.49	66.2	16.78	70.5	18.02	79.0	21.14	88.0	24.31	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM620BTE5

Cooling Capacity (62HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	158.6	17.69	189.1	21.62	202.5	25.07	208.5	25.59	214.2	25.80	224.5	26.00	230.4	26.10
	12	158.6	18.12	189.1	22.40	202.5	26.10	208.5	26.28	214.2	26.48	224.5	26.70	230.4	26.93
	14	158.6	18.74	189.1	23.20	202.5	27.08	208.5	27.28	214.2	27.51	224.5	27.71	230.4	27.97
	16	158.6	19.42	189.1	24.01	202.5	28.29	208.5	28.57	214.2	28.80	224.5	29.05	230.4	29.28
	18	158.6	20.23	189.1	25.40	202.5	29.60	208.5	30.23	214.2	30.48	224.5	30.79	230.4	30.99
	20	158.6	21.11	189.1	27.06	202.5	31.06	208.5	33.26	214.2	33.53	221.4	33.86	227.1	34.09
	21	158.6	21.67	189.1	28.01	202.5	31.72	208.5	35.20	214.2	35.47	220.1	35.83	225.8	36.08
	23	158.6	23.26	189.1	29.45	202.5	33.36	208.5	38.85	211.6	39.15	216.7	39.55	222.7	39.81
	25	158.6	24.84	189.1	31.16	202.5	35.65	205.9	43.08	208.5	43.43	214.2	43.86	220.1	44.16
	27	158.6	26.58	189.1	33.31	200.0	37.99	202.5	47.42	205.9	47.79	211.6	48.27	216.7	48.60
	29	158.6	28.32	189.1	35.60	196.8	40.87	199.7	52.12	202.5	52.43	208.5	52.91	214.2	53.11
	31	158.6	30.23	188.3	37.51	193.5	43.48	196.8	51.90	199.7	52.20	205.1	52.68	211.0	52.88
	33	158.6	32.20	185.2	39.73	190.9	46.63	194.0	51.42	196.8	51.75	202.5	52.20	207.7	52.40
	35	158.6	34.34	181.9	41.62	187.8	50.51	190.9	50.76	194.0	51.07	199.4	51.52	205.1	51.72
	37	158.6	36.61	179.3	43.68	185.2	49.83	187.8	50.09	190.9	50.39	196.1	50.84	202.0	51.04
	39	158.6	39.00	176.2	45.98	181.9	49.18	185.2	49.41	187.8	49.71	193.5	50.16	199.4	50.36
	41	154.7	41.37	168.9	48.27	174.6	48.50	177.2	48.75	180.6	49.03	186.0	49.48	191.2	49.68
	43	150.9	43.63	161.7	47.59	167.4	47.84	170.0	48.07	173.3	48.37	178.8	48.80	183.7	48.98
46	141.3	46.69	147.5	46.61	152.9	46.83	155.3	47.06	158.6	47.36	163.5	47.77	168.2	47.97	
48	125.0	45.40	128.1	45.53	133.0	45.63	135.1	45.75	138.0	46.15	142.4	46.43	146.5	46.61	
120	10	146.7	15.92	174.6	19.50	190.7	23.18	196.6	25.07	202.3	25.45	213.4	25.55	218.6	25.75
	12	146.7	16.35	174.6	20.18	190.7	24.11	196.6	25.59	202.3	26.40	213.4	26.71	218.6	26.93
	14	146.7	16.90	174.6	20.86	190.7	25.09	196.6	26.55	202.3	27.36	213.4	27.76	218.6	27.99
	16	146.7	17.51	174.6	21.71	190.7	26.05	196.6	27.54	202.3	28.62	213.4	28.97	218.6	29.20
	18	146.7	18.19	174.6	22.68	190.7	27.11	196.6	29.00	202.3	30.10	213.4	30.43	218.6	30.68
	20	146.7	18.89	174.6	24.06	190.7	28.57	196.6	30.51	202.3	31.69	213.4	32.10	218.6	32.37
	21	146.7	19.47	174.6	24.92	190.7	29.35	196.6	31.42	202.3	32.73	213.4	33.15	218.6	33.41
	23	146.7	20.81	174.6	26.66	190.7	31.47	196.6	33.38	202.3	34.89	213.4	35.25	218.6	35.52
	25	146.7	22.22	174.6	28.57	190.7	33.18	196.6	35.58	202.3	37.41	210.8	37.74	216.0	38.04
	27	146.7	23.73	174.6	30.54	190.7	35.32	196.6	38.02	202.3	40.21	207.5	40.49	212.8	40.81
	29	146.7	25.32	174.6	32.60	190.7	37.16	196.6	40.69	199.2	42.86	204.3	43.51	210.0	43.86
	31	146.7	26.98	174.6	34.82	190.7	39.08	194.0	43.59	196.6	45.98	201.8	46.79	206.9	47.16
	33	146.7	28.72	174.6	37.11	188.1	41.34	190.7	47.31	193.2	49.36	198.4	49.93	203.6	50.33
	35	146.7	30.54	174.6	39.55	185.0	43.76	187.5	52.12	190.7	52.38	195.8	52.53	201.0	52.96
	37	146.7	32.85	174.6	41.75	182.4	46.66	185.0	51.02	187.5	51.27	192.7	51.42	197.9	51.85
	39	146.7	35.37	173.9	44.11	179.0	49.48	181.6	49.98	184.2	50.23	190.1	50.38	195.3	50.77
	41	143.1	37.89	166.4	46.48	172.0	48.50	174.4	48.93	176.9	49.18	182.1	49.33	187.3	49.71
	43	139.5	40.43	159.4	45.83	164.8	47.42	167.2	47.87	169.7	48.12	174.7	48.27	179.8	48.65
46	130.7	43.48	145.2	44.74	150.6	45.93	152.7	46.31	155.0	46.53	159.9	46.68	164.6	47.04	
48	115.7	42.58	126.1	43.94	131.0	45.02	132.8	45.30	134.9	45.45	139.0	45.63	143.1	45.82	
110	10	134.3	14.31	160.2	17.44	178.8	20.71	183.9	22.42	195.6	24.14	200.2	24.81	213.7	25.22
	12	134.3	14.76	160.2	18.04	178.8	21.59	183.9	23.05	195.6	25.04	200.2	25.85	213.7	26.45
	14	134.3	15.22	160.2	18.84	178.8	22.55	183.9	24.21	195.6	26.30	200.2	27.06	213.7	27.63
	16	134.3	15.77	160.2	19.53	178.8	23.48	183.9	25.27	195.6	27.51	200.2	28.27	213.7	28.77
	18	134.3	16.35	160.2	20.35	178.8	24.84	183.9	26.60	195.6	29.02	200.2	29.60	213.7	30.16
	20	134.3	16.93	160.2	21.36	178.8	26.35	183.9	27.82	195.6	30.43	200.2	31.19	213.7	31.69
	21	134.3	17.31	160.2	21.99	178.8	27.03	183.9	28.57	195.6	31.29	200.2	32.07	213.7	32.58
	23	134.3	18.44	160.2	23.58	178.8	28.54	183.9	30.16	195.6	33.05	200.2	33.76	213.7	34.31
	25	134.3	19.70	160.2	25.17	178.8	30.13	183.9	31.89	195.6	34.92	200.2	35.42	211.1	36.15
	27	134.3	21.04	160.2	26.91	178.8	31.85	183.9	33.76	195.6	36.48	200.2	37.31	208.0	37.94
	29	134.3	22.47	160.2	28.72	178.8	33.66	183.9	35.75	195.6	38.54	200.2	39.20	205.4	39.80
	31	134.3	23.89	160.2	30.61	178.8	35.57	183.9	37.87	192.5	40.51	197.6	41.29	202.0	41.72
	33	134.3	25.47	160.2	32.60	178.8	37.59	183.9	40.13	189.9	42.78	194.3	43.48	199.4	43.71
	35	134.3	27.06	160.2	34.82	178.8	39.68	183.9	42.53	186.5	45.14	191.2	45.55	196.3	45.78
	37	134.3	28.67	160.2	36.96	178.8	41.90	181.4	45.05	183.4	47.61	188.6	47.77	193.0	47.90
	39	134.3	30.91	160.2	39.25	175.7	44.21	178.2	48.19	180.8	49.96	185.2	50.04	190.4	50.09
	41	131.0	33.16	156.0	41.57	168.2	46.61	170.8	52.12	172.9	52.12	178.0	52.53	182.4	52.96
	43	127.6	34.82	152.2	43.31	161.2	49.43	163.8	49.99	165.9	49.88	170.8	50.16	175.1	50.31
46	119.6	33.99	142.6	41.82	147.0	46.91	149.6	46.91	151.4	47.32	156.1	47.59	160.2	47.72	
48	105.9	33.00	124.0	40.28	127.6	44.64	130.0	44.94	131.7	45.15	135.9	45.27	139.3	45.47	

7. Capacity Tables

Cooling Capacity (62HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	117.3	12.90	139.5	15.67	162.5	18.59	173.6	20.08	184.7	21.57	204.9	24.01	209.3	24.21
	12	117.3	13.30	139.5	16.30	162.5	19.22	173.6	20.63	184.7	22.27	204.9	25.32	209.3	25.57
	14	117.3	13.71	139.5	16.96	162.5	20.03	173.6	21.51	184.7	23.23	204.9	26.73	209.3	26.98
	16	117.3	14.13	139.5	17.51	162.5	20.88	173.6	22.53	184.7	24.47	204.9	28.02	209.3	28.42
	18	117.3	14.56	139.5	18.17	162.5	21.69	173.6	23.63	184.7	25.95	204.9	29.60	209.3	29.83
	20	117.3	15.07	139.5	18.85	162.5	22.95	173.6	25.32	184.7	27.76	204.9	31.01	209.3	31.27
	21	117.3	15.39	139.5	19.30	162.5	23.73	173.6	26.18	184.7	28.80	204.9	31.72	209.3	31.97
	23	117.3	16.30	139.5	20.66	162.5	25.47	173.6	28.09	184.7	30.86	204.9	33.23	209.3	33.48
	25	117.3	17.33	139.5	21.99	162.5	27.21	173.6	30.06	184.7	33.00	204.9	34.64	207.7	34.92
	27	117.3	18.52	139.5	23.50	162.5	29.12	173.6	32.12	184.7	35.07	201.0	36.28	205.1	36.56
	29	117.3	19.70	139.5	25.09	162.5	31.09	173.6	34.34	184.7	37.13	197.1	37.74	202.0	38.04
	31	117.3	21.04	139.5	26.73	162.5	33.15	173.6	36.63	184.7	39.00	194.2	39.18	198.9	39.50
	33	117.3	22.32	139.5	28.49	162.5	35.37	173.6	39.08	184.7	40.48	191.1	40.64	195.8	40.97
	35	117.3	23.73	139.5	30.31	162.5	37.66	173.6	41.70	181.9	41.95	187.6	42.10	192.4	42.45
	37	117.3	25.42	139.5	32.50	162.5	39.88	173.6	43.68	179.0	43.89	184.2	44.07	188.6	44.49
	39	117.3	27.26	139.5	34.92	162.5	42.27	173.6	45.82	175.9	46.03	181.1	46.18	185.5	46.63
	41	115.2	29.08	137.2	37.33	159.9	44.65	166.6	47.94	170.2	48.14	174.1	48.32	179.8	48.77
	43	111.3	30.79	132.5	39.58	154.5	46.79	159.7	49.78	161.5	49.96	166.6	50.13	171.0	50.59
46	104.4	33.11	124.3	42.65	144.7	49.63	145.7	52.12	147.5	52.28	152.2	52.43	156.3	52.93	
48	92.2	28.59	109.8	36.91	124.8	42.43	126.8	44.22	128.1	44.37	132.3	44.47	135.9	44.82	
90	10	105.4	11.11	125.8	13.36	146.2	15.76	156.3	16.99	166.1	18.29	186.5	20.47	207.2	22.77
	12	105.4	11.26	125.8	13.58	146.2	16.04	156.3	17.34	166.1	18.69	186.5	20.87	207.2	23.17
	14	105.4	11.46	125.8	13.84	146.2	16.37	156.3	17.67	166.1	19.04	186.5	21.27	207.2	23.62
	16	105.4	11.66	125.8	14.11	146.2	16.71	156.3	18.01	166.1	19.37	186.5	21.67	207.2	24.04
	18	105.4	11.86	125.8	14.39	146.2	16.99	156.3	18.42	166.1	19.79	186.5	22.15	207.2	25.25
	20	105.4	12.08	125.8	14.66	146.2	17.34	156.3	18.77	166.1	20.54	186.5	23.70	207.2	26.45
	21	105.4	12.21	125.8	14.81	146.2	17.67	156.3	19.37	166.1	21.29	186.5	24.10	207.2	27.05
	23	105.4	12.49	125.8	15.41	146.2	18.89	156.3	20.82	166.1	22.79	186.5	25.55	204.3	28.33
	25	105.4	13.11	125.8	16.44	146.2	20.19	156.3	22.24	166.1	24.35	186.5	27.32	201.3	29.55
	27	105.4	13.99	125.8	17.54	146.2	21.57	156.3	23.74	166.1	26.07	186.5	29.05	198.4	30.93
	29	105.4	14.81	125.8	18.69	146.2	23.07	156.3	25.37	166.1	27.83	186.5	30.77	195.3	32.18
	31	105.4	15.76	125.8	19.92	146.2	24.57	156.3	27.02	166.1	29.68	186.5	32.30	192.5	33.43
	33	105.4	16.79	125.8	21.22	146.2	26.20	156.3	28.80	166.1	31.48	186.5	33.86	189.4	34.66
	35	105.4	17.81	125.8	22.52	146.2	27.83	156.3	30.70	166.1	33.38	183.4	35.81	186.5	36.63
	37	105.4	18.89	125.8	23.95	146.2	29.68	156.3	32.61	166.1	35.23	180.5	37.43	183.7	38.28
	39	105.4	20.02	125.8	25.47	146.2	31.40	156.3	34.70	166.1	37.06	177.5	39.46	180.6	39.94
	41	102.8	22.39	122.7	28.25	142.6	34.48	152.2	37.96	162.0	40.01	170.0	41.59	173.1	42.54
	43	100.2	24.17	119.6	30.52	139.0	37.66	148.5	40.88	157.9	42.89	163.0	44.54	166.1	45.07
46	93.8	27.20	112.1	34.75	130.2	42.91	139.2	46.34	143.4	47.64	148.8	48.89	151.6	48.97	
48	83.0	23.77	99.2	30.40	115.2	37.53	123.0	40.43	124.5	41.06	129.4	42.09	131.8	42.14	
80	10	93.5	9.30	111.6	11.15	129.7	13.11	139.0	14.13	148.3	15.16	166.1	17.29	184.2	18.77
	12	93.5	9.48	111.6	11.28	129.7	13.36	139.0	14.39	148.3	15.41	166.1	17.62	184.2	19.15
	14	93.5	9.62	111.6	11.55	129.7	13.56	139.0	14.64	148.3	15.67	166.1	17.94	184.2	19.52
	16	93.5	9.75	111.6	11.73	129.7	13.81	139.0	14.91	148.3	15.99	166.1	18.32	184.2	19.88
	18	93.5	9.93	111.6	11.93	129.7	14.06	139.0	15.16	148.3	16.32	166.1	18.65	184.2	20.32
	20	93.5	10.13	111.6	12.18	129.7	14.39	139.0	15.49	148.3	16.64	166.1	19.35	184.2	21.53
	21	93.5	10.20	111.6	12.33	129.7	14.51	139.0	15.67	148.3	17.04	166.1	19.97	184.2	22.10
	23	93.5	10.38	111.6	12.51	129.7	15.16	139.0	16.64	148.3	18.19	166.1	21.08	184.2	23.19
	25	93.5	10.78	111.6	13.36	129.7	16.26	139.0	17.80	148.3	19.48	166.1	22.56	184.2	24.81
	27	93.5	11.43	111.6	14.19	129.7	17.35	139.0	19.02	148.3	20.78	166.1	23.96	184.2	26.09
	29	93.5	12.13	111.6	15.16	129.7	18.45	139.0	20.25	148.3	22.18	166.1	25.69	184.2	27.92
	31	93.5	12.91	111.6	16.06	129.7	19.67	139.0	21.61	148.3	23.61	166.1	27.25	184.2	29.32
	33	93.5	13.68	111.6	17.17	129.7	20.98	139.0	23.03	148.3	25.16	166.1	28.72	184.2	30.75
	35	93.5	14.51	111.6	18.19	129.7	22.33	139.0	24.51	148.3	26.84	166.1	30.45	182.1	31.86
	37	93.5	15.36	111.6	19.35	129.7	23.68	139.0	26.06	148.3	28.52	166.1	32.13	179.3	33.31
	39	93.5	16.22	111.6	20.45	129.7	25.34	139.0	28.02	148.3	30.65	166.1	33.96	176.2	35.14
	41	91.2	17.95	108.8	22.66	126.3	27.79	135.4	30.70	144.4	33.66	162.0	37.79	168.9	38.95
	43	88.9	19.75	106.1	24.74	123.2	30.35	132.0	33.48	140.8	36.79	157.9	40.43	162.0	41.68
46	83.4	21.98	99.4	27.85	115.5	34.19	123.7	37.25	132.0	41.53	144.4	44.14	147.8	44.84	
48	73.9	19.20	87.9	24.36	102.1	29.90	109.5	32.53	116.8	36.34	125.3	38.20	128.4	38.60	

7. Capacity Tables

Cooling Capacity (62HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	81.9	8.13	97.9	9.67	113.4	11.20	121.4	12.10	129.7	12.93	145.2	14.74	161.2	16.47
	12	81.9	8.26	97.9	9.79	113.4	11.47	121.4	12.30	129.7	13.20	145.2	14.99	161.2	16.79
	14	81.9	8.39	97.9	9.92	113.4	11.65	121.4	12.48	129.7	13.38	145.2	15.31	161.2	17.10
	16	81.9	8.51	97.9	10.12	113.4	11.85	121.4	12.75	129.7	13.63	145.2	15.56	161.2	17.47
	18	81.9	8.64	97.9	10.32	113.4	12.10	121.4	13.00	129.7	13.91	145.2	15.82	161.2	17.77
	20	81.9	8.78	97.9	10.50	113.4	12.30	121.4	13.26	129.7	14.21	145.2	16.20	161.2	18.45
	21	81.9	8.91	97.9	10.57	113.4	12.43	121.4	13.38	129.7	14.34	145.2	16.47	161.2	18.83
	23	81.9	9.04	97.9	10.82	113.4	12.68	121.4	13.83	129.7	15.06	145.2	17.62	161.2	19.88
	25	81.9	9.16	97.9	11.20	113.4	13.51	121.4	14.79	129.7	16.07	145.2	18.83	161.2	20.86
	27	81.9	9.67	97.9	11.98	113.4	14.41	121.4	15.69	129.7	17.17	145.2	20.11	161.2	22.17
	29	81.9	10.32	97.9	12.68	113.4	15.31	121.4	16.72	129.7	18.25	145.2	21.46	161.2	23.75
	31	81.9	10.95	97.9	13.51	113.4	16.34	121.4	17.87	129.7	19.48	145.2	22.87	161.2	25.20
	33	81.9	11.60	97.9	14.28	113.4	17.35	121.4	18.96	129.7	20.69	145.2	24.33	161.2	26.81
	35	81.9	12.23	97.9	15.24	113.4	18.45	121.4	20.18	129.7	22.04	145.2	25.93	161.2	28.44
	37	81.9	13.00	97.9	16.14	113.4	19.61	121.4	21.46	129.7	23.45	145.2	27.61	161.2	30.02
	39	81.9	13.81	97.9	17.22	113.4	20.96	121.4	23.09	129.7	25.33	145.2	29.55	161.2	32.36
	41	79.8	15.26	95.4	18.86	110.6	22.99	118.3	25.33	126.3	27.54	141.3	32.46	157.1	34.92
	43	77.8	16.62	93.0	20.56	107.7	25.08	115.5	27.61	123.2	30.05	137.9	35.45	153.2	37.73
46	72.9	18.45	87.3	23.12	101.0	28.24	108.2	30.75	115.5	33.89	129.2	39.99	143.6	42.07	
48	64.6	16.12	77.2	20.19	89.4	24.70	95.8	26.88	102.1	29.65	114.2	34.99	127.1	36.40	
60	10	70.0	6.99	83.7	8.20	97.4	9.53	104.1	10.24	111.1	10.87	124.5	12.35	138.2	13.80
	12	70.0	7.12	83.7	8.33	97.4	9.66	104.1	10.36	111.1	11.06	124.5	12.52	138.2	14.06
	14	70.0	7.19	83.7	8.45	97.4	9.86	104.1	10.56	111.1	11.26	124.5	12.78	138.2	14.31
	16	70.0	7.32	83.7	8.65	97.4	9.98	104.1	10.74	111.1	11.52	124.5	13.03	138.2	14.56
	18	70.0	7.44	83.7	8.78	97.4	10.18	104.1	10.94	111.1	11.69	124.5	13.23	138.2	14.89
	20	70.0	7.57	83.7	8.90	97.4	10.36	104.1	11.12	111.1	11.89	124.5	13.48	138.2	15.19
	21	70.0	7.62	83.7	8.98	97.4	10.49	104.1	11.26	111.1	12.02	124.5	13.68	138.2	15.32
	23	70.0	7.75	83.7	9.15	97.4	10.61	104.1	11.44	111.1	12.27	124.5	14.18	138.2	16.27
	25	70.0	7.89	83.7	9.35	97.4	11.06	104.1	12.02	111.1	13.03	124.5	15.14	138.2	17.43
	27	70.0	8.15	83.7	9.86	97.4	11.77	104.1	12.78	111.1	13.86	124.5	16.09	138.2	18.56
	29	70.0	8.65	83.7	10.49	97.4	12.52	104.1	13.61	111.1	14.76	124.5	17.17	138.2	19.84
	31	70.0	9.15	83.7	11.12	97.4	13.28	104.1	14.49	111.1	15.71	124.5	18.31	138.2	21.10
	33	70.0	9.66	83.7	11.77	97.4	14.11	104.1	15.39	111.1	16.72	124.5	19.46	138.2	22.51
	35	70.0	10.24	83.7	12.52	97.4	15.01	104.1	16.35	111.1	17.73	124.5	20.72	138.2	23.91
	37	70.0	10.81	83.7	13.23	97.4	15.89	104.1	17.35	111.1	18.81	124.5	22.00	138.2	25.43
	39	70.0	11.49	83.7	14.08	97.4	17.15	104.1	18.63	111.1	20.25	124.5	23.59	138.2	27.26
	41	68.2	12.47	81.6	15.39	94.8	18.63	101.5	20.34	108.2	21.98	121.4	25.88	134.8	29.62
	43	66.6	13.55	79.6	16.77	92.5	20.32	99.0	22.18	105.4	23.97	118.3	28.26	131.5	32.34
46	62.5	15.17	74.6	18.83	86.8	22.84	92.7	24.92	98.9	26.98	111.1	31.84	123.2	36.86	
48	55.3	13.23	65.9	16.42	76.7	19.97	82.1	21.78	87.3	23.57	98.2	27.84	109.0	32.24	
50	10	58.6	6.00	70.0	6.95	81.1	7.89	86.8	8.46	92.5	8.97	103.6	10.10	115.2	11.24
	12	58.6	6.07	70.0	7.00	81.1	8.01	86.8	8.59	92.5	9.15	103.6	10.28	115.2	11.43
	14	58.6	6.12	70.0	7.13	81.1	8.14	86.8	8.72	92.5	9.27	103.6	10.41	115.2	11.61
	16	58.6	6.25	70.0	7.26	81.1	8.26	86.8	8.89	92.5	9.40	103.6	10.61	115.2	11.81
	18	58.6	6.32	70.0	7.33	81.1	8.39	86.8	9.02	92.5	9.60	103.6	10.78	115.2	12.06
	20	58.6	6.37	70.0	7.45	81.1	8.59	86.8	9.15	92.5	9.78	103.6	10.98	115.2	12.32
	21	58.6	6.45	70.0	7.51	81.1	8.64	86.8	9.27	92.5	9.85	103.6	11.11	115.2	12.44
	23	58.6	6.57	70.0	7.63	81.1	8.77	86.8	9.40	92.5	10.03	103.6	11.31	115.2	12.69
	25	58.6	6.63	70.0	7.76	81.1	8.97	86.8	9.60	92.5	10.35	103.6	11.87	115.2	13.58
	27	58.6	6.75	70.0	8.01	81.1	9.47	86.8	10.23	92.5	10.98	103.6	12.69	115.2	14.46
	29	58.6	7.13	70.0	8.52	81.1	10.03	86.8	10.86	92.5	11.69	103.6	13.45	115.2	15.34
	31	58.6	7.51	70.0	9.02	81.1	10.66	86.8	11.49	92.5	12.44	103.6	14.33	115.2	16.35
	33	58.6	7.96	70.0	9.52	81.1	11.31	86.8	12.19	92.5	13.20	103.6	15.21	115.2	17.43
	35	58.6	8.39	70.0	10.10	81.1	11.94	86.8	12.95	92.5	13.95	103.6	16.10	115.2	18.49
	37	58.6	8.89	70.0	10.66	81.1	12.62	86.8	13.70	92.5	14.76	103.6	17.18	115.2	19.63
	39	58.6	9.50	70.0	11.44	81.1	13.53	86.8	14.74	92.5	15.85	103.6	18.29	115.2	21.21
	41	57.1	10.28	68.2	12.37	79.1	14.79	84.5	15.97	89.9	17.18	101.0	20.05	112.4	23.03
	43	55.8	11.16	66.6	13.45	77.2	16.10	82.4	17.38	87.8	18.69	98.4	21.86	109.5	25.12
46	52.2	12.50	62.5	15.09	72.3	18.06	77.3	19.52	82.2	20.99	92.2	24.59	102.8	28.29	
48	46.2	10.88	55.3	13.17	64.0	15.75	68.4	17.05	72.8	18.31	81.6	21.49	90.9	24.71	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM640BTE5

Cooling Capacity (64HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	163.8	18.55	195.2	22.67	209.1	26.29	215.2	26.84	221.1	27.05	231.7	27.26	237.8	27.37
	12	163.8	19.00	195.2	23.48	209.1	27.37	215.2	27.55	221.1	27.77	231.7	28.00	237.8	28.24
	14	163.8	19.65	195.2	24.33	209.1	28.40	215.2	28.61	221.1	28.85	231.7	29.06	237.8	29.33
	16	163.8	20.37	195.2	25.18	209.1	29.67	215.2	29.96	221.1	30.20	231.7	30.46	237.8	30.70
	18	163.8	21.21	195.2	26.63	209.1	31.04	215.2	31.70	221.1	31.97	231.7	32.28	237.8	32.50
	20	163.8	22.14	195.2	28.37	209.1	32.57	215.2	34.87	221.1	35.16	228.5	35.51	234.4	35.75
	21	163.8	22.72	195.2	29.38	209.1	33.26	215.2	36.91	221.1	37.20	227.2	37.57	233.1	37.83
	23	163.8	24.39	195.2	30.89	209.1	34.98	215.2	40.74	218.4	41.05	223.7	41.47	229.8	41.74
	25	163.8	26.05	195.2	32.68	209.1	37.38	212.5	45.17	215.2	45.54	221.1	45.99	227.2	46.31
	27	163.8	27.87	195.2	34.93	206.4	39.84	209.1	49.72	212.5	50.12	218.4	50.62	223.7	50.96
	29	163.8	29.70	195.2	37.33	203.2	42.85	206.1	54.66	209.1	54.98	215.2	55.48	221.1	55.69
	31	163.8	31.70	194.4	39.34	199.7	45.59	203.2	54.42	206.1	54.74	211.7	55.24	217.8	55.45
	33	163.8	33.76	191.2	41.67	197.1	48.90	200.3	53.92	203.2	54.26	209.1	54.74	214.4	54.95
	35	163.8	36.01	187.7	43.64	193.8	52.97	197.1	53.23	200.3	53.55	205.8	54.02	211.7	54.24
	37	163.8	38.39	185.1	45.81	191.2	52.26	193.8	52.52	197.1	52.84	202.4	53.31	208.5	53.52
	39	163.8	40.89	181.9	48.21	187.7	51.57	191.2	51.81	193.8	52.12	199.7	52.60	205.8	52.81
	41	159.7	43.38	174.4	50.62	180.2	50.86	182.9	51.12	186.4	51.41	192.0	51.88	197.3	52.09
	43	155.7	45.75	167.0	49.91	172.8	50.17	175.5	50.41	178.9	50.72	184.5	51.17	189.6	51.36
46	145.9	48.96	152.3	48.87	157.9	49.11	160.3	49.35	163.7	49.66	168.8	50.09	173.6	50.30	
48	129.1	47.60	132.3	47.74	137.3	47.84	139.5	47.98	142.4	48.40	146.9	48.69	151.2	48.88	
120	10	151.5	16.69	180.2	20.45	196.8	24.31	202.9	26.28	208.8	26.68	220.3	26.79	225.6	27.00
	12	151.5	17.14	180.2	21.16	196.8	25.28	202.9	26.84	208.8	27.68	220.3	28.01	225.6	28.24
	14	151.5	17.73	180.2	21.87	196.8	26.31	202.9	27.85	208.8	28.69	220.3	29.11	225.6	29.35
	16	151.5	18.36	180.2	22.77	196.8	27.32	202.9	28.88	208.8	30.01	220.3	30.38	225.6	30.62
	18	151.5	19.08	180.2	23.78	196.8	28.42	202.9	30.41	208.8	31.57	220.3	31.91	225.6	32.18
	20	151.5	19.81	180.2	25.23	196.8	29.96	202.9	31.99	208.8	33.23	220.3	33.66	225.6	33.94
	21	151.5	20.42	180.2	26.13	196.8	30.78	202.9	32.94	208.8	34.32	220.3	34.76	225.6	35.03
	23	151.5	21.82	180.2	27.95	196.8	33.00	202.9	35.00	208.8	36.59	220.3	36.96	225.6	37.25
	25	151.5	23.30	180.2	29.96	196.8	34.79	202.9	37.31	208.8	39.23	217.6	39.57	222.9	39.89
	27	151.5	24.89	180.2	32.02	196.8	37.04	202.9	39.87	208.8	42.17	214.2	42.45	219.7	42.80
	29	151.5	26.55	180.2	34.18	196.8	38.97	202.9	42.67	205.6	44.94	210.9	45.62	216.8	45.99
	31	151.5	28.29	180.2	36.51	196.8	40.98	200.3	45.70	202.9	48.21	208.3	49.06	213.6	49.46
	33	151.5	30.12	180.2	38.91	194.2	43.35	196.8	49.61	199.5	51.76	204.8	52.36	210.2	52.78
	35	151.5	32.02	180.2	41.48	190.9	45.89	193.6	54.66	196.8	54.92	202.2	55.08	207.5	55.53
	37	151.5	34.45	180.2	43.77	188.2	48.93	190.9	53.50	193.6	53.76	198.9	53.92	204.3	54.37
	39	151.5	37.09	179.5	46.26	184.8	51.89	187.5	52.41	190.1	52.68	196.3	52.83	201.6	53.24
	41	147.7	39.73	171.7	48.74	177.6	50.86	180.0	51.30	182.7	51.57	188.0	51.72	193.3	52.12
	43	144.0	42.40	164.5	48.06	170.1	49.72	172.6	50.20	175.2	50.46	180.3	50.62	185.6	51.01
46	134.9	45.60	149.9	46.92	155.5	48.16	157.6	48.56	160.0	48.80	165.0	48.95	169.9	49.33	
48	119.4	44.65	130.2	46.07	135.2	47.21	137.1	47.50	139.2	47.66	143.5	47.85	147.8	48.05	
110	10	138.7	15.01	165.3	18.28	184.6	21.72	189.9	23.51	201.9	25.31	206.7	26.02	220.5	26.45
	12	138.7	15.48	165.3	18.91	184.6	22.64	189.9	24.18	201.9	26.26	206.7	27.11	220.5	27.74
	14	138.7	15.96	165.3	19.76	184.6	23.65	189.9	25.39	201.9	27.58	206.7	28.37	220.5	28.98
	16	138.7	16.54	165.3	20.48	184.6	24.63	189.9	26.50	201.9	28.85	206.7	29.64	220.5	30.17
	18	138.7	17.14	165.3	21.34	184.6	26.05	189.9	27.90	201.9	30.44	206.7	31.04	220.5	31.62
	20	138.7	17.75	165.3	22.40	184.6	27.63	189.9	29.17	201.9	31.91	206.7	32.71	220.5	33.23
	21	138.7	18.15	165.3	23.06	184.6	28.34	189.9	29.96	201.9	32.81	206.7	33.63	220.5	34.16
	23	138.7	19.34	165.3	24.73	184.6	29.93	189.9	31.62	201.9	34.66	206.7	35.40	220.5	35.98
	25	138.7	20.66	165.3	26.39	184.6	31.60	189.9	33.44	201.9	36.62	206.7	37.14	217.9	37.91
	27	138.7	22.06	165.3	28.21	184.6	33.39	189.9	35.40	201.9	38.25	206.7	39.12	214.7	39.79
	29	138.7	23.56	165.3	30.12	184.6	35.30	189.9	37.49	201.9	40.42	206.7	41.11	212.0	41.74
	31	138.7	25.05	165.3	32.10	184.6	37.30	189.9	39.71	198.7	42.48	204.0	43.30	208.6	43.75
	33	138.7	26.71	165.3	34.18	184.6	39.41	189.9	42.08	196.0	44.86	200.6	45.60	205.9	45.84
	35	138.7	28.37	165.3	36.51	184.6	41.61	189.9	44.59	192.6	47.34	197.3	47.77	202.7	48.00
	37	138.7	30.07	165.3	38.75	184.6	43.93	187.2	47.24	189.3	49.93	194.7	50.09	199.2	50.22
	39	138.7	32.42	165.3	41.16	181.3	46.36	184.0	50.54	186.7	52.39	191.2	52.47	196.6	52.52
	41	135.2	34.77	161.1	43.59	173.6	48.88	176.3	54.66	178.4	54.66	183.7	55.08	188.3	55.53
	43	131.7	36.51	157.1	45.42	166.4	51.84	169.1	52.42	171.2	52.31	176.3	52.60	180.8	52.76
46	123.5	35.64	147.2	43.85	151.7	49.19	154.4	49.19	156.3	49.62	161.1	49.90	165.3	50.04	
48	109.3	34.61	128.0	42.24	131.7	46.81	134.1	47.13	136.0	47.34	140.2	47.48	143.8	47.68	

7. Capacity Tables

Cooling Capacity (64HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	121.0	13.52	144.0	16.43	167.7	19.49	179.2	21.06	190.7	22.62	211.5	25.18	216.0	25.39
	12	121.0	13.95	144.0	17.09	167.7	20.15	179.2	21.63	190.7	23.35	211.5	26.55	216.0	26.81
	14	121.0	14.37	144.0	17.78	167.7	21.00	179.2	22.56	190.7	24.36	211.5	28.03	216.0	28.29
	16	121.0	14.82	144.0	18.36	167.7	21.90	179.2	23.62	190.7	25.66	211.5	29.38	216.0	29.80
	18	121.0	15.27	144.0	19.05	167.7	22.74	179.2	24.78	190.7	27.21	211.5	31.04	216.0	31.28
	20	121.0	15.80	144.0	19.76	167.7	24.07	179.2	26.55	190.7	29.11	211.5	32.52	216.0	32.79
	21	121.0	16.14	144.0	20.24	167.7	24.89	179.2	27.45	190.7	30.20	211.5	33.26	216.0	33.53
	23	121.0	17.09	144.0	21.66	167.7	26.71	179.2	29.46	190.7	32.36	211.5	34.84	216.0	35.11
	25	121.0	18.17	144.0	23.06	167.7	28.53	179.2	31.52	190.7	34.61	211.5	36.32	214.4	36.62
	27	121.0	19.42	144.0	24.65	167.7	30.54	179.2	33.68	190.7	36.78	207.4	38.04	211.7	38.33
	29	121.0	20.66	144.0	26.31	167.7	32.60	179.2	36.01	190.7	38.94	203.5	39.57	208.5	39.89
	31	121.0	22.06	144.0	28.03	167.7	34.77	179.2	38.41	190.7	40.90	200.5	41.08	205.3	41.42
	33	121.0	23.40	144.0	29.88	167.7	37.09	179.2	40.98	190.7	42.45	197.3	42.62	202.1	42.96
	35	121.0	24.89	144.0	31.78	167.7	39.49	179.2	43.72	187.8	43.99	193.6	44.15	198.6	44.51
	37	121.0	26.66	144.0	34.08	167.7	41.82	179.2	45.81	184.8	46.02	190.1	46.21	194.6	46.65
	39	121.0	28.58	144.0	36.61	167.7	44.33	179.2	48.05	181.6	48.26	186.9	48.43	191.4	48.90
	41	119.0	30.49	141.6	39.15	165.1	46.82	172.0	50.28	175.7	50.48	179.8	50.67	185.6	51.14
	43	114.9	32.28	136.8	41.50	159.4	49.06	164.8	52.20	166.7	52.39	172.0	52.57	176.5	53.05
46	107.7	34.72	128.3	44.73	149.3	52.04	150.4	54.66	152.2	54.82	157.1	54.98	161.3	55.50	
48	95.2	29.98	113.4	38.70	128.8	44.49	130.9	46.37	132.2	46.52	136.5	46.63	140.3	47.00	
90	10	108.8	11.63	129.9	13.99	151.0	16.50	161.3	17.78	171.5	19.14	192.6	21.42	213.8	23.83
	12	108.8	11.79	129.9	14.22	151.0	16.79	161.3	18.15	171.5	19.57	192.6	21.84	213.8	24.25
	14	108.8	12.00	129.9	14.49	151.0	17.13	161.3	18.49	171.5	19.93	192.6	22.26	213.8	24.73
	16	108.8	12.21	129.9	14.77	151.0	17.50	161.3	18.86	171.5	20.27	192.6	22.68	213.8	25.17
	18	108.8	12.42	129.9	15.06	151.0	17.78	161.3	19.28	171.5	20.72	192.6	23.18	213.8	26.43
	20	108.8	12.65	129.9	15.35	151.0	18.15	161.3	19.64	171.5	21.50	192.6	24.81	213.8	27.69
	21	108.8	12.78	129.9	15.50	151.0	18.49	161.3	20.27	171.5	22.29	192.6	25.22	213.8	28.32
	23	108.8	13.07	129.9	16.14	151.0	19.78	161.3	21.79	171.5	23.86	192.6	26.74	210.9	29.65
	25	108.8	13.72	129.9	17.21	151.0	21.14	161.3	23.28	171.5	25.49	192.6	28.60	207.7	30.93
	27	108.8	14.64	129.9	18.36	151.0	22.57	161.3	24.86	171.5	27.29	192.6	30.41	204.8	32.37
	29	108.8	15.50	129.9	19.57	151.0	24.15	161.3	26.56	171.5	29.13	192.6	32.21	201.6	33.68
	31	108.8	16.50	129.9	20.85	151.0	25.72	161.3	28.29	171.5	31.06	192.6	33.81	198.7	34.99
	33	108.8	17.57	129.9	22.21	151.0	27.42	161.3	30.14	171.5	32.95	192.6	35.44	195.5	36.28
	35	108.8	18.65	129.9	23.57	151.0	29.13	161.3	32.14	171.5	34.94	189.3	37.48	192.5	38.34
	37	108.8	19.78	129.9	25.07	151.0	31.06	161.3	34.13	171.5	36.88	186.4	39.18	189.6	40.07
	39	108.8	20.95	129.9	26.66	151.0	32.87	161.3	36.33	171.5	38.79	183.2	41.31	186.4	41.80
	41	106.1	23.44	126.6	29.57	147.2	36.09	157.1	39.73	167.2	41.88	175.5	43.53	178.7	44.53
	43	103.4	25.30	123.5	31.95	143.5	39.42	153.3	42.79	162.9	44.89	168.3	46.62	171.5	47.17
46	96.8	28.47	115.7	36.38	134.4	44.92	143.7	48.51	148.0	49.87	153.6	51.18	156.5	51.25	
48	85.6	24.88	102.4	31.82	118.9	39.29	127.0	42.32	128.6	42.98	133.6	44.05	136.0	44.11	
80	10	96.6	9.73	115.2	11.68	133.8	13.72	143.4	14.80	153.0	15.88	171.5	18.11	190.1	19.66
	12	96.6	9.92	115.2	11.81	133.8	13.99	143.4	15.06	153.0	16.14	171.5	18.45	190.1	20.05
	14	96.6	10.07	115.2	12.10	133.8	14.19	143.4	15.33	153.0	16.40	171.5	18.79	190.1	20.44
	16	96.6	10.21	115.2	12.28	133.8	14.46	143.4	15.61	153.0	16.75	171.5	19.18	190.1	20.81
	18	96.6	10.39	115.2	12.49	133.8	14.72	143.4	15.88	153.0	17.09	171.5	19.52	190.1	21.28
	20	96.6	10.60	115.2	12.76	133.8	15.06	143.4	16.22	153.0	17.43	171.5	20.26	190.1	22.54
	21	96.6	10.68	115.2	12.91	133.8	15.20	143.4	16.40	153.0	17.84	171.5	20.91	190.1	23.14
	23	96.6	10.87	115.2	13.10	133.8	15.88	143.4	17.43	153.0	19.05	171.5	22.07	190.1	24.28
	25	96.6	11.28	115.2	13.99	133.8	17.03	143.4	18.64	153.0	20.39	171.5	23.62	190.1	25.98
	27	96.6	11.96	115.2	14.86	133.8	18.16	143.4	19.92	153.0	21.75	171.5	25.09	190.1	27.32
	29	96.6	12.70	115.2	15.88	133.8	19.32	143.4	21.21	153.0	23.23	171.5	26.90	190.1	29.24
	31	96.6	13.51	115.2	16.82	133.8	20.60	143.4	22.62	153.0	24.72	171.5	28.53	190.1	30.70
	33	96.6	14.33	115.2	17.97	133.8	21.96	143.4	24.12	153.0	26.35	171.5	30.07	190.1	32.20
	35	96.6	15.20	115.2	19.05	133.8	23.38	143.4	25.67	153.0	28.11	171.5	31.88	188.0	33.36
	37	96.6	16.08	115.2	20.26	133.8	24.80	143.4	27.29	153.0	29.86	171.5	33.64	185.1	34.88
	39	96.6	16.98	115.2	21.41	133.8	26.53	143.4	29.34	153.0	32.09	171.5	35.56	181.9	36.79
	41	94.1	18.79	112.3	23.72	130.4	29.10	139.7	32.15	149.1	35.25	167.2	39.57	174.4	40.78
	43	91.8	20.68	109.6	25.90	127.2	31.78	136.3	35.06	145.3	38.53	162.9	42.33	167.2	43.65
46	86.1	23.02	102.6	29.16	119.2	35.80	127.7	39.00	136.3	43.48	149.1	46.21	152.5	46.95	
48	76.2	20.10	90.7	25.51	105.3	31.31	113.0	34.07	120.5	38.05	129.4	40.00	132.5	40.42	

7. Capacity Tables

Cooling Capacity (64HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	84.5	8.52	101.1	10.13	117.1	11.73	125.4	12.68	133.8	13.54	149.8	15.43	166.4	17.25
	12	84.5	8.65	101.1	10.26	117.1	12.01	125.4	12.88	133.8	13.83	149.8	15.70	166.4	17.59
	14	84.5	8.78	101.1	10.39	117.1	12.20	125.4	13.07	133.8	14.02	149.8	16.04	166.4	17.91
	16	84.5	8.92	101.1	10.60	117.1	12.41	125.4	13.36	133.8	14.28	149.8	16.30	166.4	18.30
	18	84.5	9.05	101.1	10.81	117.1	12.68	125.4	13.62	133.8	14.57	149.8	16.57	166.4	18.62
	20	84.5	9.20	101.1	10.99	117.1	12.88	125.4	13.88	133.8	14.89	149.8	16.96	166.4	19.33
	21	84.5	9.33	101.1	11.07	117.1	13.02	125.4	14.02	133.8	15.02	149.8	17.25	166.4	19.72
	23	84.5	9.46	101.1	11.33	117.1	13.28	125.4	14.49	133.8	15.77	149.8	18.46	166.4	20.83
	25	84.5	9.60	101.1	11.73	117.1	14.15	125.4	15.49	133.8	16.83	149.8	19.72	166.4	21.85
	27	84.5	10.13	101.1	12.54	117.1	15.09	125.4	16.44	133.8	17.98	149.8	21.06	166.4	23.22
	29	84.5	10.81	101.1	13.28	117.1	16.04	125.4	17.51	133.8	19.12	149.8	22.48	166.4	24.87
	31	84.5	11.47	101.1	14.15	117.1	17.12	125.4	18.72	133.8	20.40	149.8	23.95	166.4	26.40
	33	84.5	12.15	101.1	14.96	117.1	18.17	125.4	19.85	133.8	21.67	149.8	25.48	166.4	28.09
	35	84.5	12.81	101.1	15.96	117.1	19.33	125.4	21.14	133.8	23.09	149.8	27.16	166.4	29.79
	37	84.5	13.62	101.1	16.91	117.1	20.53	125.4	22.48	133.8	24.56	149.8	28.92	166.4	31.45
	39	84.5	14.46	101.1	18.04	117.1	21.96	125.4	24.19	133.8	26.53	149.8	30.95	166.4	33.89
	41	82.4	15.99	98.4	19.75	114.1	24.08	122.2	26.53	130.4	28.84	145.9	34.00	162.1	36.57
	43	80.3	17.41	96.0	21.53	111.2	26.27	119.2	28.92	127.2	31.48	142.4	37.13	158.1	39.52
46	75.2	19.33	90.1	24.22	104.3	29.58	111.7	32.21	119.2	35.50	133.3	41.89	148.2	44.07	
48	66.6	16.88	79.7	21.14	92.3	25.87	98.9	28.16	105.3	31.05	117.9	36.65	131.2	38.13	
60	10	72.3	7.33	86.4	8.59	100.5	9.99	107.5	10.72	114.6	11.39	128.6	12.93	142.7	14.46
	12	72.3	7.46	86.4	8.72	100.5	10.12	107.5	10.86	114.6	11.59	128.6	13.12	142.7	14.73
	14	72.3	7.53	86.4	8.86	100.5	10.33	107.5	11.06	114.6	11.80	128.6	13.39	142.7	14.99
	16	72.3	7.67	86.4	9.06	100.5	10.46	107.5	11.25	114.6	12.07	128.6	13.65	142.7	15.26
	18	72.3	7.80	86.4	9.20	100.5	10.67	107.5	11.46	114.6	12.25	128.6	13.86	142.7	15.60
	20	72.3	7.93	86.4	9.33	100.5	10.86	107.5	11.65	114.6	12.46	128.6	14.12	142.7	15.92
	21	72.3	7.99	86.4	9.40	100.5	10.99	107.5	11.80	114.6	12.59	128.6	14.33	142.7	16.05
	23	72.3	8.12	86.4	9.59	100.5	11.12	107.5	11.99	114.6	12.86	128.6	14.86	142.7	17.05
	25	72.3	8.27	86.4	9.80	100.5	11.59	107.5	12.59	114.6	13.65	128.6	15.86	142.7	18.26
	27	72.3	8.53	86.4	10.33	100.5	12.33	107.5	13.39	114.6	14.52	128.6	16.86	142.7	19.45
	29	72.3	9.06	86.4	10.99	100.5	13.12	107.5	14.26	114.6	15.46	128.6	17.99	142.7	20.79
	31	72.3	9.59	86.4	11.65	100.5	13.92	107.5	15.18	114.6	16.47	128.6	19.18	142.7	22.11
	33	72.3	10.12	86.4	12.33	100.5	14.78	107.5	16.12	114.6	17.52	128.6	20.39	142.7	23.58
	35	72.3	10.72	86.4	13.12	100.5	15.73	107.5	17.13	114.6	18.58	128.6	21.71	142.7	25.06
	37	72.3	11.33	86.4	13.86	100.5	16.65	107.5	18.18	114.6	19.71	128.6	23.05	142.7	26.64
	39	72.3	12.04	86.4	14.75	100.5	17.97	107.5	19.52	114.6	21.21	128.6	24.72	142.7	28.56
	41	70.4	13.07	84.2	16.13	97.9	19.52	104.8	21.32	111.7	23.03	125.3	27.12	139.2	31.04
	43	68.8	14.20	82.1	17.57	95.5	21.29	102.1	23.24	108.8	25.11	122.2	29.61	135.7	33.89
46	64.5	15.89	77.0	19.73	89.6	23.93	95.7	26.11	102.1	28.27	114.6	33.36	127.2	38.63	
48	57.0	13.86	68.0	17.21	79.2	20.92	84.8	22.82	90.2	24.69	101.3	29.17	112.5	33.78	
50	10	60.5	6.28	72.3	7.28	83.8	8.27	89.6	8.87	95.4	9.40	106.9	10.59	119.0	11.78
	12	60.5	6.36	72.3	7.34	83.8	8.40	89.6	9.00	95.4	9.59	106.9	10.78	119.0	11.98
	14	60.5	6.42	72.3	7.47	83.8	8.53	89.6	9.13	95.4	9.72	106.9	10.91	119.0	12.17
	16	60.5	6.55	72.3	7.61	83.8	8.66	89.6	9.32	95.4	9.85	106.9	11.12	119.0	12.38
	18	60.5	6.62	72.3	7.68	83.8	8.79	89.6	9.45	95.4	10.06	106.9	11.30	119.0	12.64
	20	60.5	6.68	72.3	7.81	83.8	9.00	89.6	9.59	95.4	10.25	106.9	11.51	119.0	12.91
	21	60.5	6.76	72.3	7.87	83.8	9.06	89.6	9.72	95.4	10.32	106.9	11.64	119.0	13.04
	23	60.5	6.89	72.3	8.00	83.8	9.19	89.6	9.85	95.4	10.51	106.9	11.85	119.0	13.30
	25	60.5	6.94	72.3	8.13	83.8	9.40	89.6	10.06	95.4	10.85	106.9	12.44	119.0	14.23
	27	60.5	7.08	72.3	8.40	83.8	9.93	89.6	10.72	95.4	11.51	106.9	13.30	119.0	15.15
	29	60.5	7.47	72.3	8.93	83.8	10.51	89.6	11.38	95.4	12.25	106.9	14.10	119.0	16.08
	31	60.5	7.87	72.3	9.45	83.8	11.17	89.6	12.04	95.4	13.04	106.9	15.02	119.0	17.14
	33	60.5	8.34	72.3	9.98	83.8	11.85	89.6	12.78	95.4	13.83	106.9	15.95	119.0	18.27
	35	60.5	8.79	72.3	10.59	83.8	12.51	89.6	13.57	95.4	14.63	106.9	16.87	119.0	19.38
	37	60.5	9.32	72.3	11.17	83.8	13.23	89.6	14.36	95.4	15.47	106.9	18.00	119.0	20.57
	39	60.5	9.95	72.3	11.99	83.8	14.18	89.6	15.45	95.4	16.61	106.9	19.17	119.0	22.23
	41	58.9	10.77	70.4	12.97	81.6	15.50	87.2	16.74	92.8	18.00	104.2	21.02	116.0	24.13
	43	57.6	11.70	68.8	14.10	79.7	16.87	85.1	18.22	90.7	19.59	101.6	22.92	113.1	26.32
46	53.9	13.10	64.5	15.82	74.7	18.93	79.7	20.46	84.8	22.00	95.2	25.77	106.1	29.65	
48	47.7	11.41	57.0	13.81	66.1	16.50	70.6	17.87	75.2	19.20	84.3	22.52	93.8	25.90	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM660BTE5

Cooling Capacity (66HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	168.9	18.21	201.3	22.25	215.6	25.81	221.9	26.35	228.0	26.55	239.0	26.76	245.3	26.87
	12	168.9	18.65	201.3	23.05	215.6	26.87	221.9	27.05	228.0	27.26	239.0	27.49	245.3	27.72
	14	168.9	19.29	201.3	23.88	215.6	27.88	221.9	28.09	228.0	28.32	239.0	28.53	245.3	28.79
	16	168.9	19.99	201.3	24.71	215.6	29.13	221.9	29.41	228.0	29.64	239.0	29.90	245.3	30.14
	18	168.9	20.83	201.3	26.14	215.6	30.47	221.9	31.12	228.0	31.38	239.0	31.69	245.3	31.90
	20	168.9	21.74	201.3	27.85	215.6	31.98	221.9	34.23	228.0	34.52	235.6	34.86	241.7	35.09
	21	168.9	22.31	201.3	28.84	215.6	32.65	221.9	36.23	228.0	36.52	234.3	36.88	240.4	37.14
	23	168.9	23.94	201.3	30.32	215.6	34.34	221.9	39.99	225.2	40.30	230.7	40.71	237.0	40.98
	25	168.9	25.57	201.3	32.08	215.6	36.70	219.2	44.35	221.9	44.71	228.0	45.15	234.3	45.46
	27	168.9	27.36	201.3	34.28	212.9	39.11	215.6	48.81	219.2	49.20	225.2	49.69	230.7	50.03
	29	168.9	29.15	201.3	36.65	209.5	42.07	212.6	53.66	215.6	53.97	221.9	54.46	228.0	54.67
	31	168.9	31.12	200.5	38.61	206.0	44.76	209.5	53.42	212.6	53.74	218.4	54.23	224.6	54.44
	33	168.9	33.14	197.2	40.90	203.2	48.00	206.5	52.93	209.5	53.26	215.6	53.73	221.1	53.94
	35	168.9	35.35	193.6	42.84	199.9	51.99	203.2	52.25	206.5	52.57	212.3	53.03	218.4	53.24
	37	168.9	37.68	190.9	44.97	197.2	51.30	199.9	51.56	203.2	51.87	208.7	52.33	215.0	52.54
	39	168.9	40.14	187.5	47.33	193.6	50.62	197.2	50.86	199.9	51.17	206.0	51.63	212.3	51.84
	41	164.7	42.58	179.8	49.69	185.9	49.92	188.6	50.18	192.2	50.47	198.0	50.93	203.5	51.14
	43	160.6	44.91	172.2	48.99	178.2	49.25	180.9	49.48	184.5	49.79	190.3	50.23	195.5	50.42
46	150.4	48.06	157.1	47.97	162.8	48.21	165.3	48.45	168.8	48.75	174.1	49.17	179.0	49.38	
48	133.1	46.73	136.4	46.86	141.6	46.97	143.8	47.10	146.9	47.51	151.5	47.80	155.9	47.98	
120	10	156.2	16.39	185.9	20.08	203.0	23.86	209.3	25.80	215.3	26.19	227.1	26.30	232.7	26.51
	12	156.2	16.83	185.9	20.77	203.0	24.82	209.3	26.35	215.3	27.18	227.1	27.49	232.7	27.72
	14	156.2	17.40	185.9	21.47	203.0	25.83	209.3	27.33	215.3	28.16	227.1	28.58	232.7	28.81
	16	156.2	18.02	185.9	22.35	203.0	26.82	209.3	28.35	215.3	29.46	227.1	29.82	232.7	30.06
	18	156.2	18.73	185.9	23.34	203.0	27.90	209.3	29.85	215.3	30.99	227.1	31.33	232.7	31.59
	20	156.2	19.45	185.9	24.76	203.0	29.41	209.3	31.41	215.3	32.62	227.1	33.04	232.7	33.32
	21	156.2	20.04	185.9	25.65	203.0	30.22	209.3	32.34	215.3	33.69	227.1	34.13	232.7	34.39
	23	156.2	21.42	185.9	27.44	203.0	32.39	209.3	34.36	215.3	35.92	227.1	36.28	232.7	36.57
	25	156.2	22.88	185.9	29.41	203.0	34.16	209.3	36.62	215.3	38.51	224.4	38.85	229.9	39.16
	27	156.2	24.43	185.9	31.43	203.0	36.36	209.3	39.13	215.3	41.39	220.9	41.68	226.6	42.01
	29	156.2	26.06	185.9	33.56	203.0	38.25	209.3	41.88	212.0	44.11	217.5	44.79	223.6	45.15
	31	156.2	27.77	185.9	35.84	203.0	40.23	206.5	44.87	209.3	47.33	214.8	48.16	220.3	48.55
	33	156.2	29.56	185.9	38.20	200.2	42.56	203.0	48.70	205.7	50.81	211.2	51.40	216.7	51.81
	35	156.2	31.43	185.9	40.72	196.9	45.05	199.6	53.66	203.0	53.92	208.5	54.07	214.0	54.51
	37	156.2	33.82	185.9	42.97	194.1	48.03	196.9	52.52	199.6	52.78	205.1	52.93	210.6	53.37
	39	156.2	36.41	185.1	45.41	190.6	50.93	193.3	51.45	196.1	51.71	202.4	51.86	207.9	52.26
	41	152.3	39.00	177.1	47.85	183.1	49.92	185.6	50.36	188.4	50.62	193.8	50.78	199.4	51.17
	43	148.5	41.62	169.7	47.17	175.5	48.81	178.0	49.28	180.7	49.53	185.9	49.69	191.4	50.08
46	139.2	44.76	154.6	46.06	160.3	47.28	162.6	47.67	165.0	47.90	170.2	48.05	175.2	48.42	
48	123.2	43.83	134.2	45.23	139.4	46.35	141.4	46.63	143.6	46.78	148.0	46.97	152.4	47.17	
110	10	143.0	14.73	170.5	17.95	190.3	21.32	195.8	23.08	208.2	24.85	213.1	25.54	227.4	25.96
	12	143.0	15.20	170.5	18.57	190.3	22.22	195.8	23.73	208.2	25.78	213.1	26.61	227.4	27.23
	14	143.0	15.66	170.5	19.40	190.3	23.21	195.8	24.92	208.2	27.08	213.1	27.85	227.4	28.45
	16	143.0	16.23	170.5	20.10	190.3	24.17	195.8	26.01	208.2	28.32	213.1	29.10	227.4	29.62
	18	143.0	16.83	170.5	20.95	190.3	25.57	195.8	27.38	208.2	29.88	213.1	30.47	227.4	31.04
	20	143.0	17.43	170.5	21.99	190.3	27.13	195.8	28.63	208.2	31.33	213.1	32.11	227.4	32.62
	21	143.0	17.82	170.5	22.64	190.3	27.82	195.8	29.41	208.2	32.21	213.1	33.01	227.4	33.53
	23	143.0	18.98	170.5	24.27	190.3	29.38	195.8	31.04	208.2	34.02	213.1	34.75	227.4	35.32
	25	143.0	20.28	170.5	25.91	190.3	31.02	195.8	32.83	208.2	35.94	213.1	36.46	224.7	37.21
	27	143.0	21.66	170.5	27.70	190.3	32.78	195.8	34.75	208.2	37.55	213.1	38.41	221.4	39.06
	29	143.0	23.13	170.5	29.56	190.3	34.65	195.8	36.80	208.2	39.68	213.1	40.35	218.6	40.97
	31	143.0	24.59	170.5	31.51	190.3	36.62	195.8	38.98	204.9	41.70	210.4	42.50	215.1	42.95
	33	143.0	26.22	170.5	33.56	190.3	38.69	195.8	41.31	202.1	44.03	206.8	44.76	212.3	45.00
	35	143.0	27.85	170.5	35.84	190.3	40.85	195.8	43.77	198.6	46.47	203.5	46.89	209.0	47.12
	37	143.0	29.51	170.5	38.04	190.3	43.13	193.1	46.37	195.2	49.01	200.7	49.17	205.4	49.30
	39	143.0	31.82	170.5	40.41	187.0	45.51	189.7	49.61	192.5	51.43	197.2	51.51	202.7	51.56
	41	139.4	34.13	166.1	42.79	179.0	47.98	181.8	53.66	184.0	53.66	189.5	54.07	194.2	54.51
	43	135.9	35.84	162.0	44.58	171.6	50.88	174.3	51.45	176.6	51.35	181.8	51.64	186.4	51.79
46	127.3	34.98	151.8	43.05	156.5	48.29	159.2	48.29	161.2	48.71	166.1	48.99	170.5	49.12	
48	112.7	33.97	132.0	41.47	135.9	45.95	138.3	46.26	140.2	46.48	144.6	46.61	148.3	46.81	

7. Capacity Tables

Cooling Capacity (66HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	124.8	13.28	148.5	16.13	173.0	19.14	184.8	20.67	196.6	22.20	218.1	24.72	222.8	24.92
	12	124.8	13.69	148.5	16.78	173.0	19.78	184.8	21.24	196.6	22.92	218.1	26.06	222.8	26.32
	14	124.8	14.11	148.5	17.45	173.0	20.62	184.8	22.15	196.6	23.91	218.1	27.51	222.8	27.77
	16	124.8	14.55	148.5	18.03	173.0	21.50	184.8	23.19	196.6	25.18	218.1	28.84	222.8	29.25
	18	124.8	14.99	148.5	18.70	173.0	22.33	184.8	24.33	196.6	26.71	218.1	30.47	222.8	30.71
	20	124.8	15.51	148.5	19.40	173.0	23.62	184.8	26.06	196.6	28.58	218.1	31.92	222.8	32.18
	21	124.8	15.84	148.5	19.87	173.0	24.43	184.8	26.95	196.6	29.64	218.1	32.65	222.8	32.91
	23	124.8	16.78	148.5	21.26	173.0	26.22	184.8	28.91	196.6	31.77	218.1	34.20	222.8	34.47
	25	124.8	17.84	148.5	22.64	173.0	28.01	184.8	30.94	196.6	33.97	218.1	35.66	221.1	35.94
	27	124.8	19.06	148.5	24.19	173.0	29.98	184.8	33.07	196.6	36.10	213.9	37.34	218.3	37.63
	29	124.8	20.28	148.5	25.83	173.0	32.00	184.8	35.35	196.6	38.22	209.8	38.85	215.0	39.16
	31	124.8	21.66	148.5	27.52	173.0	34.13	184.8	37.71	196.6	40.15	206.8	40.33	211.7	40.66
	33	124.8	22.97	148.5	29.33	173.0	36.41	184.8	40.23	196.6	41.67	203.5	41.83	208.4	42.17
	35	124.8	24.43	148.5	31.20	173.0	38.77	184.8	42.92	193.6	43.18	199.7	43.34	204.8	43.70
	37	124.8	26.17	148.5	33.45	173.0	41.06	184.8	44.97	190.6	45.18	196.0	45.36	200.7	45.80
	39	124.8	28.06	148.5	35.94	173.0	43.52	184.8	47.17	187.3	47.38	192.8	47.54	197.4	48.00
	41	122.7	29.93	146.1	38.43	170.2	45.96	177.4	49.35	181.2	49.56	185.4	49.74	191.4	50.20
	43	118.5	31.69	141.1	40.74	164.4	48.16	170.0	51.25	171.9	51.43	177.4	51.61	182.0	52.08
46	111.1	34.08	132.3	43.91	154.0	51.09	155.1	53.66	157.0	53.81	162.0	53.97	166.4	54.48	
48	98.2	29.43	116.9	37.99	132.9	43.67	135.0	45.52	136.4	45.67	140.8	45.77	144.6	46.14	
90	10	112.2	11.65	133.9	14.01	155.7	16.52	166.4	17.81	176.8	19.17	198.6	21.45	220.5	23.86
	12	112.2	11.80	133.9	14.24	155.7	16.81	166.4	18.17	176.8	19.59	198.6	21.87	220.5	24.28
	14	112.2	12.01	133.9	14.51	155.7	17.15	166.4	18.52	176.8	19.96	198.6	22.29	220.5	24.76
	16	112.2	12.22	133.9	14.79	155.7	17.52	166.4	18.88	176.8	20.30	198.6	22.71	220.5	25.20
	18	112.2	12.43	133.9	15.08	155.7	17.81	166.4	19.30	176.8	20.74	198.6	23.21	220.5	26.46
	20	112.2	12.66	133.9	15.37	155.7	18.17	166.4	19.67	176.8	21.53	198.6	24.84	220.5	27.72
	21	112.2	12.80	133.9	15.52	155.7	18.52	166.4	20.30	176.8	22.32	198.6	25.25	220.5	28.35
	23	112.2	13.09	133.9	16.16	155.7	19.80	166.4	21.82	176.8	23.89	198.6	26.78	217.5	29.69
	25	112.2	13.74	133.9	17.23	155.7	21.16	166.4	23.31	176.8	25.52	198.6	28.64	214.2	30.97
	27	112.2	14.66	133.9	18.38	155.7	22.60	166.4	24.89	176.8	27.32	198.6	30.45	211.2	32.41
	29	112.2	15.52	133.9	19.59	155.7	24.18	166.4	26.59	176.8	29.16	198.6	32.25	207.9	33.72
	31	112.2	16.52	133.9	20.88	155.7	25.75	166.4	28.32	176.8	31.10	198.6	33.86	204.9	35.03
	33	112.2	17.60	133.9	22.24	155.7	27.46	166.4	30.18	176.8	32.99	198.6	35.48	201.6	36.32
	35	112.2	18.67	133.9	23.60	155.7	29.16	166.4	32.18	176.8	34.98	195.2	37.53	198.6	38.39
	37	112.2	19.80	133.9	25.10	155.7	31.10	166.4	34.17	176.8	36.93	192.2	39.23	195.5	40.12
	39	112.2	20.98	133.9	26.70	155.7	32.91	166.4	36.37	176.8	38.84	188.9	41.36	192.2	41.86
	41	109.4	23.47	130.6	29.60	151.8	36.14	162.0	39.78	172.4	41.93	181.0	43.59	184.3	44.58
	43	106.7	25.33	127.3	31.99	148.0	39.47	158.1	42.85	168.0	44.95	173.5	46.68	176.8	47.23
46	99.9	28.51	119.3	36.42	138.6	44.97	148.2	48.57	152.7	49.93	158.4	51.24	161.4	51.32	
48	88.3	24.91	105.6	31.86	122.7	39.34	130.9	42.38	132.6	43.04	137.8	44.11	140.3	44.16	
80	10	99.6	9.75	118.8	11.70	138.0	13.74	147.9	14.82	157.8	15.90	176.8	18.13	196.1	19.68
	12	99.6	9.94	118.8	11.83	138.0	14.01	147.9	15.08	157.8	16.16	176.8	18.47	196.1	20.08
	14	99.6	10.09	118.8	12.11	138.0	14.21	147.9	15.35	157.8	16.43	176.8	18.81	196.1	20.47
	16	99.6	10.22	118.8	12.30	138.0	14.48	147.9	15.63	157.8	16.77	176.8	19.21	196.1	20.84
	18	99.6	10.41	118.8	12.51	138.0	14.74	147.9	15.90	157.8	17.11	176.8	19.55	196.1	21.31
	20	99.6	10.62	118.8	12.78	138.0	15.08	147.9	16.24	157.8	17.45	176.8	20.29	196.1	22.57
	21	99.6	10.69	118.8	12.93	138.0	15.22	147.9	16.43	157.8	17.87	176.8	20.94	196.1	23.18
	23	99.6	10.88	118.8	13.12	138.0	15.90	147.9	17.45	157.8	19.08	176.8	22.10	196.1	24.31
	25	99.6	11.30	118.8	14.01	138.0	17.05	147.9	18.66	157.8	20.42	176.8	23.65	196.1	26.01
	27	99.6	11.98	118.8	14.88	138.0	18.19	147.9	19.95	157.8	21.79	176.8	25.13	196.1	27.36
	29	99.6	12.72	118.8	15.90	138.0	19.34	147.9	21.24	157.8	23.26	176.8	26.94	196.1	29.28
	31	99.6	13.53	118.8	16.85	138.0	20.63	147.9	22.66	157.8	24.76	176.8	28.57	196.1	30.75
	33	99.6	14.35	118.8	18.00	138.0	21.99	147.9	24.15	157.8	26.38	176.8	30.12	196.1	32.24
	35	99.6	15.22	118.8	19.08	138.0	23.41	147.9	25.70	157.8	28.14	176.8	31.93	193.9	33.40
	37	99.6	16.11	118.8	20.29	138.0	24.83	147.9	27.33	157.8	29.90	176.8	33.69	190.8	34.93
	39	99.6	17.01	118.8	21.44	138.0	26.57	147.9	29.38	157.8	32.14	176.8	35.61	187.6	36.85
	41	97.1	18.82	115.8	23.76	134.5	29.14	144.1	32.20	153.7	35.30	172.4	39.63	179.8	40.84
	43	94.6	20.71	113.0	25.94	131.2	31.82	140.5	35.11	149.9	38.58	168.0	42.39	172.4	43.71
46	88.8	23.05	105.9	29.20	122.9	35.85	131.7	39.05	140.5	43.54	153.7	46.28	157.3	47.02	
48	78.6	20.13	93.5	25.54	108.6	31.35	116.6	34.11	124.3	38.11	133.4	40.05	136.7	40.47	

7. Capacity Tables

Cooling Capacity (66HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	87.2	8.53	104.2	10.14	120.7	11.75	129.3	12.70	138.0	13.57	154.5	15.46	171.6	17.28
	12	87.2	8.67	104.2	10.27	120.7	12.03	129.3	12.90	138.0	13.85	154.5	15.72	171.6	17.62
	14	87.2	8.80	104.2	10.41	120.7	12.22	129.3	13.09	138.0	14.04	154.5	16.06	171.6	17.93
	16	87.2	8.93	104.2	10.61	120.7	12.43	129.3	13.38	138.0	14.30	154.5	16.33	171.6	18.33
	18	87.2	9.06	104.2	10.82	120.7	12.70	129.3	13.64	138.0	14.59	154.5	16.59	171.6	18.65
	20	87.2	9.21	104.2	11.01	120.7	12.90	129.3	13.91	138.0	14.91	154.5	16.99	171.6	19.36
	21	87.2	9.35	104.2	11.09	120.7	13.04	129.3	14.04	138.0	15.04	154.5	17.27	171.6	19.75
	23	87.2	9.48	104.2	11.35	120.7	13.30	129.3	14.51	138.0	15.80	154.5	18.49	171.6	20.86
	25	87.2	9.61	104.2	11.75	120.7	14.17	129.3	15.51	138.0	16.86	154.5	19.75	171.6	21.88
	27	87.2	10.14	104.2	12.56	120.7	15.12	129.3	16.46	138.0	18.01	154.5	21.10	171.6	23.25
	29	87.2	10.82	104.2	13.30	120.7	16.06	129.3	17.54	138.0	19.15	154.5	22.52	171.6	24.91
	31	87.2	11.48	104.2	14.17	120.7	17.14	129.3	18.75	138.0	20.43	154.5	23.99	171.6	26.44
	33	87.2	12.17	104.2	14.99	120.7	18.20	129.3	19.89	138.0	21.70	154.5	25.52	171.6	28.13
	35	87.2	12.83	104.2	15.99	120.7	19.36	129.3	21.17	138.0	23.12	154.5	27.21	171.6	29.84
	37	87.2	13.64	104.2	16.94	120.7	20.57	129.3	22.52	138.0	24.60	154.5	28.97	171.6	31.50
	39	87.2	14.48	104.2	18.07	120.7	21.99	129.3	24.23	138.0	26.57	154.5	31.00	171.6	33.95
	41	85.0	16.01	101.5	19.78	117.7	24.12	126.0	26.57	134.5	28.89	150.4	34.05	167.2	36.63
	43	82.8	17.43	99.0	21.57	114.7	26.31	122.9	28.97	131.2	31.53	146.8	37.19	163.1	39.59
46	77.6	19.36	92.9	24.25	107.5	29.63	115.2	32.26	122.9	35.55	137.5	41.95	152.9	44.14	
48	68.7	16.91	82.2	21.18	95.2	25.91	102.0	28.20	108.6	31.10	121.6	36.71	135.3	38.19	
60	10	74.5	7.34	89.1	8.61	103.7	10.01	110.8	10.74	118.2	11.40	132.6	12.96	147.1	14.49
	12	74.5	7.47	89.1	8.74	103.7	10.14	110.8	10.88	118.2	11.61	132.6	13.14	147.1	14.75
	14	74.5	7.55	89.1	8.87	103.7	10.35	110.8	11.08	118.2	11.82	132.6	13.41	147.1	15.02
	16	74.5	7.68	89.1	9.08	103.7	10.48	110.8	11.27	118.2	12.09	132.6	13.67	147.1	15.28
	18	74.5	7.81	89.1	9.21	103.7	10.69	110.8	11.48	118.2	12.27	132.6	13.88	147.1	15.62
	20	74.5	7.94	89.1	9.34	103.7	10.88	110.8	11.67	118.2	12.48	132.6	14.15	147.1	15.94
	21	74.5	8.00	89.1	9.42	103.7	11.01	110.8	11.82	118.2	12.62	132.6	14.36	147.1	16.08
	23	74.5	8.13	89.1	9.61	103.7	11.14	110.8	12.01	118.2	12.88	132.6	14.89	147.1	17.08
	25	74.5	8.28	89.1	9.82	103.7	11.61	110.8	12.62	118.2	13.67	132.6	15.89	147.1	18.29
	27	74.5	8.55	89.1	10.35	103.7	12.35	110.8	13.41	118.2	14.54	132.6	16.89	147.1	19.48
	29	74.5	9.08	89.1	11.01	103.7	13.14	110.8	14.28	118.2	15.49	132.6	18.03	147.1	20.82
	31	74.5	9.61	89.1	11.67	103.7	13.94	110.8	15.21	118.2	16.49	132.6	19.22	147.1	22.15
	33	74.5	10.14	89.1	12.35	103.7	14.81	110.8	16.15	118.2	17.55	132.6	20.43	147.1	23.62
	35	74.5	10.74	89.1	13.14	103.7	15.76	110.8	17.15	118.2	18.61	132.6	21.75	147.1	25.10
	37	74.5	11.35	89.1	13.88	103.7	16.68	110.8	18.21	118.2	19.75	132.6	23.09	147.1	26.69
	39	74.5	12.06	89.1	14.78	103.7	18.00	110.8	19.56	118.2	21.25	132.6	24.76	147.1	28.61
	41	72.6	13.09	86.9	16.16	100.9	19.56	108.1	21.35	115.2	23.07	129.3	27.16	143.5	31.09
	43	70.9	14.22	84.7	17.60	98.5	21.32	105.3	23.28	112.2	25.16	126.0	29.67	139.9	33.95
46	66.5	15.92	79.4	19.77	92.4	23.97	98.7	26.16	105.3	28.32	118.2	33.42	131.1	38.69	
48	58.8	13.88	70.1	17.24	81.7	20.95	87.4	22.85	93.0	24.73	104.5	29.22	116.0	33.84	
50	10	62.4	6.30	74.5	7.30	86.4	8.28	92.4	8.89	98.4	9.42	110.3	10.61	122.7	11.80
	12	62.4	6.37	74.5	7.35	86.4	8.41	92.4	9.02	98.4	9.60	110.3	10.80	122.7	12.01
	14	62.4	6.43	74.5	7.49	86.4	8.55	92.4	9.15	98.4	9.74	110.3	10.93	122.7	12.19
	16	62.4	6.56	74.5	7.62	86.4	8.68	92.4	9.34	98.4	9.87	110.3	11.14	122.7	12.40
	18	62.4	6.64	74.5	7.70	86.4	8.81	92.4	9.47	98.4	10.08	110.3	11.32	122.7	12.67
	20	62.4	6.69	74.5	7.83	86.4	9.02	92.4	9.60	98.4	10.27	110.3	11.53	122.7	12.93
	21	62.4	6.77	74.5	7.88	86.4	9.08	92.4	9.74	98.4	10.34	110.3	11.67	122.7	13.07
	23	62.4	6.90	74.5	8.02	86.4	9.21	92.4	9.87	98.4	10.53	110.3	11.87	122.7	13.33
	25	62.4	6.96	74.5	8.15	86.4	9.42	92.4	10.08	98.4	10.87	110.3	12.46	122.7	14.26
	27	62.4	7.09	74.5	8.41	86.4	9.95	92.4	10.74	98.4	11.53	110.3	13.33	122.7	15.18
	29	62.4	7.49	74.5	8.94	86.4	10.53	92.4	11.40	98.4	12.27	110.3	14.12	122.7	16.11
	31	62.4	7.88	74.5	9.47	86.4	11.19	92.4	12.06	98.4	13.07	110.3	15.05	122.7	17.17
	33	62.4	8.36	74.5	10.00	86.4	11.87	92.4	12.80	98.4	13.86	110.3	15.98	122.7	18.30
	35	62.4	8.81	74.5	10.61	86.4	12.54	92.4	13.59	98.4	14.65	110.3	16.90	122.7	19.42
	37	62.4	9.34	74.5	11.19	86.4	13.25	92.4	14.39	98.4	15.50	110.3	18.04	122.7	20.61
	39	62.4	9.97	74.5	12.01	86.4	14.20	92.4	15.48	98.4	16.64	110.3	19.20	122.7	22.27
	41	60.8	10.79	72.6	12.99	84.2	15.53	90.0	16.77	95.7	18.04	107.5	21.05	119.6	24.18
	43	59.4	11.72	70.9	14.13	82.2	16.90	87.7	18.25	93.5	19.63	104.8	22.96	116.6	26.37
46	55.5	13.12	66.5	15.85	77.0	18.96	82.2	20.50	87.5	22.04	98.2	25.82	109.4	29.70	
48	49.2	11.43	58.8	13.83	68.2	16.53	72.9	17.91	77.5	19.23	86.9	22.57	96.8	25.95	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM680BTE5

Cooling Capacity (68HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	174.0	18.92	207.4	23.12	222.2	26.82	228.6	27.38	234.9	27.59	246.2	27.81	252.7	27.92
	12	174.0	19.38	207.4	23.95	222.2	27.92	228.6	28.11	234.9	28.33	246.2	28.56	252.7	28.81
	14	174.0	20.05	207.4	24.82	222.2	28.97	228.6	29.19	234.9	29.43	246.2	29.65	252.7	29.91
	16	174.0	20.78	207.4	25.68	222.2	30.27	228.6	30.56	234.9	30.80	246.2	31.07	252.7	31.32
	18	174.0	21.64	207.4	27.16	222.2	31.67	228.6	32.34	234.9	32.61	246.2	32.93	252.7	33.15
	20	174.0	22.59	207.4	28.94	222.2	33.23	228.6	35.57	234.9	35.87	242.8	36.22	249.1	36.46
	21	174.0	23.18	207.4	29.96	222.2	33.93	228.6	37.65	234.9	37.95	241.4	38.32	247.7	38.59
	23	174.0	24.88	207.4	31.51	222.2	35.68	228.6	41.55	232.0	41.88	237.7	42.31	244.2	42.58
	25	174.0	26.57	207.4	33.33	222.2	38.13	225.8	46.08	228.6	46.46	234.9	46.92	241.4	47.24
	27	174.0	28.43	207.4	35.63	219.3	40.64	222.2	50.72	225.8	51.12	232.0	51.64	237.7	51.99
	29	174.0	30.29	207.4	38.08	215.9	43.71	219.0	55.76	222.2	56.08	228.6	56.59	234.9	56.81
	31	174.0	32.34	206.6	40.13	212.2	46.51	215.9	55.51	219.0	55.84	225.0	56.35	231.5	56.57
	33	174.0	34.44	203.1	42.50	209.4	49.88	212.8	55.00	215.9	55.35	222.2	55.84	227.8	56.05
	35	174.0	36.73	199.5	44.52	206.0	54.03	209.4	54.30	212.8	54.62	218.7	55.11	225.0	55.33
	37	174.0	39.16	196.7	46.73	203.1	53.31	206.0	53.57	209.4	53.90	215.1	54.38	221.6	54.60
	39	174.0	41.71	193.2	49.18	199.5	52.60	203.1	52.85	206.0	53.17	212.2	53.65	218.7	53.87
	41	169.7	44.25	185.3	51.63	191.5	51.88	194.3	52.14	198.1	52.45	204.0	52.93	209.6	53.14
	43	165.5	46.67	177.4	50.91	183.6	51.17	186.4	51.42	190.1	51.74	196.0	52.20	201.4	52.39
46	155.0	49.94	161.8	49.85	167.7	50.10	170.3	50.34	174.0	50.66	179.4	51.10	184.4	51.31	
48	137.1	48.56	140.6	48.70	145.9	48.80	148.2	48.94	151.3	49.37	156.1	49.67	160.6	49.86	
120	10	161.0	17.03	191.5	20.86	209.1	24.79	215.6	26.81	221.9	27.22	234.0	27.33	239.7	27.54
	12	161.0	17.49	191.5	21.58	209.1	25.79	215.6	27.38	221.9	28.24	234.0	28.57	239.7	28.81
	14	161.0	18.08	191.5	22.31	209.1	26.84	215.6	28.40	221.9	29.27	234.0	29.70	239.7	29.94
	16	161.0	18.73	191.5	23.23	209.1	27.87	215.6	29.46	221.9	30.62	234.0	30.99	239.7	31.24
	18	161.0	19.46	191.5	24.26	209.1	29.00	215.6	31.02	221.9	32.20	234.0	32.56	239.7	32.82
	20	161.0	20.21	191.5	25.73	209.1	30.56	215.6	32.64	221.9	33.90	234.0	34.34	239.7	34.63
	21	161.0	20.83	191.5	26.65	209.1	31.40	215.6	33.60	221.9	35.01	234.0	35.46	239.7	35.74
	23	161.0	22.26	191.5	28.51	209.1	33.66	215.6	35.71	221.9	37.32	234.0	37.70	239.7	38.00
	25	161.0	23.77	191.5	30.56	209.1	35.49	215.6	38.05	221.9	40.02	231.2	40.37	236.9	40.69
	27	161.0	25.39	191.5	32.66	209.1	37.78	215.6	40.67	221.9	43.01	227.6	43.31	233.4	43.66
	29	161.0	27.08	191.5	34.87	209.1	39.75	215.6	43.52	218.4	45.84	224.1	46.54	230.4	46.92
	31	161.0	28.86	191.5	37.24	209.1	41.80	212.8	46.62	215.6	49.18	221.3	50.05	226.9	50.45
	33	161.0	30.72	191.5	39.69	206.3	44.22	209.1	50.61	212.0	52.79	217.6	53.41	223.3	53.84
	35	161.0	32.66	191.5	42.31	202.9	46.81	205.7	55.76	209.1	56.03	214.8	56.19	220.5	56.65
	37	161.0	35.14	191.5	44.65	200.0	49.91	202.9	54.57	205.7	54.84	211.4	55.01	217.0	55.46
	39	161.0	37.83	190.7	47.19	196.4	52.93	199.2	53.46	202.0	53.73	208.5	53.89	214.2	54.30
	41	156.9	40.53	182.5	49.72	188.7	51.88	191.2	52.33	194.1	52.60	199.7	52.76	205.4	53.17
	43	153.0	43.25	174.8	49.02	180.8	50.72	183.4	51.21	186.2	51.47	191.6	51.63	197.2	52.04
46	143.4	46.51	159.3	47.86	165.2	49.13	167.5	49.53	170.0	49.78	175.3	49.93	180.5	50.32	
48	126.9	45.55	138.3	47.00	143.6	48.16	145.7	48.46	147.9	48.62	152.5	48.81	157.0	49.02	
110	10	147.3	15.31	175.7	18.65	196.1	22.16	201.8	23.99	214.5	25.82	219.6	26.54	234.3	26.98
	12	147.3	15.79	175.7	19.29	196.1	23.09	201.8	24.66	214.5	26.79	219.6	27.65	234.3	28.29
	14	147.3	16.28	175.7	20.16	196.1	24.12	201.8	25.90	214.5	28.14	219.6	28.94	234.3	29.56
	16	147.3	16.87	175.7	20.89	196.1	25.12	201.8	27.03	214.5	29.43	219.6	30.24	234.3	30.77
	18	147.3	17.49	175.7	21.77	196.1	26.57	201.8	28.46	214.5	31.05	219.6	31.67	234.3	32.26
	20	147.3	18.11	175.7	22.85	196.1	28.19	201.8	29.75	214.5	32.56	219.6	33.36	234.3	33.90
	21	147.3	18.51	175.7	23.53	196.1	28.91	201.8	30.56	214.5	33.47	219.6	34.31	234.3	34.84
	23	147.3	19.72	175.7	25.22	196.1	30.53	201.8	32.26	214.5	35.36	219.6	36.11	234.3	36.71
	25	147.3	21.07	175.7	26.92	196.1	32.23	201.8	34.12	214.5	37.35	219.6	37.89	231.5	38.67
	27	147.3	22.50	175.7	28.78	196.1	34.06	201.8	36.11	214.5	39.02	219.6	39.91	228.1	40.58
	29	147.3	24.04	175.7	30.72	196.1	36.00	201.8	38.24	214.5	41.23	219.6	41.93	225.2	42.58
	31	147.3	25.55	175.7	32.74	196.1	38.05	201.8	40.50	211.1	43.33	216.7	44.17	221.6	44.63
	33	147.3	27.25	175.7	34.87	196.1	40.20	201.8	42.93	208.2	45.76	213.1	46.51	218.8	46.76
	35	147.3	28.94	175.7	37.24	196.1	42.45	201.8	45.49	204.6	48.29	209.7	48.72	215.3	48.97
	37	147.3	30.67	175.7	39.53	196.1	44.82	198.9	48.18	201.2	50.93	206.8	51.10	211.7	51.23
	39	147.3	33.07	175.7	41.99	192.7	47.29	195.5	51.55	198.3	53.44	203.2	53.52	208.9	53.58
	41	143.6	35.47	171.1	44.47	184.4	49.86	187.3	55.76	189.6	55.76	195.2	56.19	200.1	56.65
	43	140.0	37.24	166.9	46.33	176.8	52.88	179.6	53.47	181.9	53.36	187.3	53.66	192.1	53.82
46	131.2	36.35	156.4	44.73	161.2	50.18	164.0	50.18	166.1	50.61	171.2	50.90	175.7	51.04	
48	116.1	35.30	136.0	43.09	140.0	47.75	142.5	48.07	144.5	48.29	149.0	48.43	152.8	48.64	

7. Capacity Tables

Cooling Capacity (68HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	128.6	13.79	153.0	16.76	178.2	19.89	190.4	21.48	202.6	23.07	224.7	25.68	229.5	25.90
	12	128.6	14.23	153.0	17.44	178.2	20.56	190.4	22.07	202.6	23.82	224.7	27.08	229.5	27.35
	14	128.6	14.66	153.0	18.14	178.2	21.42	190.4	23.01	202.6	24.85	224.7	28.59	229.5	28.86
	16	128.6	15.12	153.0	18.73	178.2	22.34	190.4	24.10	202.6	26.17	224.7	29.97	229.5	30.40
	18	128.6	15.57	153.0	19.43	178.2	23.20	190.4	25.28	202.6	27.76	224.7	31.66	229.5	31.91
	20	128.6	16.12	153.0	20.16	178.2	24.55	190.4	27.08	202.6	29.70	224.7	33.17	229.5	33.44
	21	128.6	16.46	153.0	20.64	178.2	25.39	190.4	28.00	202.6	30.80	224.7	33.93	229.5	34.20
	23	128.6	17.44	153.0	22.10	178.2	27.25	190.4	30.05	202.6	33.01	224.7	35.54	229.5	35.82
	25	128.6	18.54	153.0	23.53	178.2	29.11	190.4	32.15	202.6	35.30	224.7	37.05	227.8	37.35
	27	128.6	19.81	153.0	25.14	178.2	31.15	190.4	34.36	202.6	37.51	220.4	38.80	225.0	39.10
	29	128.6	21.07	153.0	26.84	178.2	33.26	190.4	36.73	202.6	39.72	216.2	40.37	221.6	40.69
	31	128.6	22.50	153.0	28.60	178.2	35.46	190.4	39.18	202.6	41.72	213.0	41.91	218.2	42.26
	33	128.6	23.87	153.0	30.48	178.2	37.83	190.4	41.80	202.6	43.30	209.6	43.47	214.8	43.82
	35	128.6	25.39	153.0	32.42	178.2	40.29	190.4	44.60	199.5	44.87	205.7	45.03	211.0	45.41
	37	128.6	27.19	153.0	34.76	178.2	42.66	190.4	46.73	196.3	46.95	202.0	47.14	206.8	47.59
	39	128.6	29.16	153.0	37.35	178.2	45.22	190.4	49.02	193.0	49.23	198.6	49.40	203.4	49.88
	41	126.4	31.10	150.5	39.93	175.4	47.76	182.7	51.29	186.7	51.50	191.0	51.68	197.2	52.17
	43	122.1	32.93	145.4	42.33	169.4	50.04	175.1	53.25	177.1	53.44	182.7	53.62	187.5	54.11
46	114.5	35.41	136.3	45.63	158.7	53.09	159.8	55.76	161.7	55.92	166.9	56.08	171.4	56.62	
48	101.2	30.59	120.5	39.48	136.9	45.38	139.1	47.30	140.5	47.46	145.1	47.56	149.0	47.94	
90	10	115.6	12.02	138.0	14.45	160.4	17.04	171.4	18.37	182.2	19.78	204.6	22.13	227.2	24.62
	12	115.6	12.17	138.0	14.69	160.4	17.34	171.4	18.75	182.2	20.21	204.6	22.57	227.2	25.05
	14	115.6	12.39	138.0	14.97	160.4	17.70	171.4	19.10	182.2	20.59	204.6	23.00	227.2	25.55
	16	115.6	12.61	138.0	15.26	160.4	18.07	171.4	19.48	182.2	20.94	204.6	23.43	227.2	26.00
	18	115.6	12.83	138.0	15.56	160.4	18.37	171.4	19.92	182.2	21.40	204.6	23.95	227.2	27.30
	20	115.6	13.07	138.0	15.86	160.4	18.75	171.4	20.29	182.2	22.21	204.6	25.63	227.2	28.60
	21	115.6	13.20	138.0	16.02	160.4	19.10	171.4	20.94	182.2	23.02	204.6	26.06	227.2	29.25
	23	115.6	13.50	138.0	16.67	160.4	20.43	171.4	22.51	182.2	24.65	204.6	27.63	224.1	30.63
	25	115.6	14.17	138.0	17.78	160.4	21.84	171.4	24.05	182.2	26.33	204.6	29.55	220.7	31.95
	27	115.6	15.12	138.0	18.97	160.4	23.32	171.4	25.68	182.2	28.19	204.6	31.41	217.6	33.44
	29	115.6	16.02	138.0	20.21	160.4	24.94	171.4	27.44	182.2	30.09	204.6	33.28	214.2	34.79
	31	115.6	17.04	138.0	21.54	160.4	26.57	171.4	29.22	182.2	32.09	204.6	34.93	211.1	36.15
	33	115.6	18.15	138.0	22.94	160.4	28.33	171.4	31.14	182.2	34.04	204.6	36.61	207.7	37.48
	35	115.6	19.26	138.0	24.35	160.4	30.09	171.4	33.20	182.2	36.09	201.2	38.72	204.6	39.61
	37	115.6	20.43	138.0	25.89	160.4	32.09	171.4	35.26	182.2	38.10	198.0	40.48	201.4	41.39
	39	115.6	21.64	138.0	27.54	160.4	33.96	171.4	37.53	182.2	40.07	194.7	42.67	198.1	43.18
	41	112.7	24.21	134.6	30.54	156.4	37.28	166.9	41.04	177.6	43.26	186.5	44.97	189.8	46.00
	43	109.9	26.14	131.2	33.01	152.5	40.72	162.9	44.21	173.1	46.38	178.8	48.16	182.2	48.73
46	102.9	29.41	123.0	37.58	142.8	46.40	152.7	50.11	157.3	51.52	163.2	52.87	166.3	52.95	
48	91.0	25.71	108.8	32.87	126.4	40.59	134.9	43.72	136.6	44.40	141.9	45.51	144.5	45.56	
80	10	102.6	10.08	122.4	12.10	142.2	14.21	152.4	15.33	162.6	16.44	182.2	18.75	202.0	20.36
	12	102.6	10.28	122.4	12.23	142.2	14.48	152.4	15.60	162.6	16.72	182.2	19.10	202.0	20.76
	14	102.6	10.43	122.4	12.53	142.2	14.70	152.4	15.87	162.6	16.99	182.2	19.46	202.0	21.17
	16	102.6	10.57	122.4	12.72	142.2	14.97	152.4	16.17	162.6	17.34	182.2	19.87	202.0	21.56
	18	102.6	10.77	122.4	12.94	142.2	15.25	152.4	16.44	162.6	17.69	182.2	20.22	202.0	22.04
	20	102.6	10.98	122.4	13.21	142.2	15.60	152.4	16.79	162.6	18.05	182.2	20.98	202.0	23.35
	21	102.6	11.06	122.4	13.37	142.2	15.74	152.4	16.99	162.6	18.48	182.2	21.66	202.0	23.97
	23	102.6	11.25	122.4	13.56	142.2	16.44	152.4	18.05	162.6	19.73	182.2	22.86	202.0	25.14
	25	102.6	11.69	122.4	14.48	142.2	17.64	152.4	19.30	162.6	21.12	182.2	24.46	202.0	26.90
	27	102.6	12.39	122.4	15.38	142.2	18.81	152.4	20.63	162.6	22.53	182.2	25.99	202.0	28.29
	29	102.6	13.15	122.4	16.44	142.2	20.00	152.4	21.96	162.6	24.06	182.2	27.86	202.0	30.28
	31	102.6	14.00	122.4	17.42	142.2	21.34	152.4	23.43	162.6	25.60	182.2	29.55	202.0	31.80
	33	102.6	14.84	122.4	18.61	142.2	22.74	152.4	24.98	162.6	27.29	182.2	31.14	202.0	33.35
	35	102.6	15.74	122.4	19.73	142.2	24.21	152.4	26.58	162.6	29.11	182.2	33.02	199.8	34.54
	37	102.6	16.66	122.4	20.98	142.2	25.68	152.4	28.26	162.6	30.93	182.2	34.84	196.6	36.12
	39	102.6	17.59	122.4	22.18	142.2	27.47	152.4	30.38	162.6	33.24	182.2	36.82	193.3	38.10
	41	100.0	19.46	119.3	24.57	138.5	30.14	148.5	33.30	158.4	36.50	177.6	40.98	185.3	42.23
	43	97.5	21.42	116.4	26.82	135.1	32.91	144.8	36.31	154.4	39.90	173.1	43.84	177.6	45.20
46	91.5	23.84	109.1	30.20	126.6	37.07	135.7	40.39	144.8	45.03	158.4	47.86	162.1	48.62	
48	81.0	20.82	96.4	26.42	111.9	32.42	120.1	35.28	128.1	39.41	137.5	41.42	140.8	41.85	

7. Capacity Tables

Cooling Capacity (68HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	89.8	8.85	107.4	10.51	124.4	12.18	133.2	13.16	142.2	14.06	159.2	16.02	176.8	17.91
	12	89.8	8.98	107.4	10.65	124.4	12.47	133.2	13.38	142.2	14.36	159.2	16.30	176.8	18.26
	14	89.8	9.12	107.4	10.79	124.4	12.67	133.2	13.57	142.2	14.55	159.2	16.65	176.8	18.59
	16	89.8	9.26	107.4	11.00	124.4	12.89	133.2	13.87	142.2	14.83	159.2	16.93	176.8	19.00
	18	89.8	9.39	107.4	11.22	124.4	13.16	133.2	14.14	142.2	15.12	159.2	17.20	176.8	19.33
	20	89.8	9.55	107.4	11.41	124.4	13.38	133.2	14.42	142.2	15.46	159.2	17.61	176.8	20.06
	21	89.8	9.69	107.4	11.49	124.4	13.51	133.2	14.55	142.2	15.59	159.2	17.91	176.8	20.48
	23	89.8	9.83	107.4	11.77	124.4	13.79	133.2	15.04	142.2	16.38	159.2	19.16	176.8	21.62
	25	89.8	9.96	107.4	12.18	124.4	14.69	133.2	16.08	142.2	17.48	159.2	20.48	176.8	22.69
	27	89.8	10.51	107.4	13.02	124.4	15.67	133.2	17.06	142.2	18.67	159.2	21.87	176.8	24.11
	29	89.8	11.22	107.4	13.79	124.4	16.65	133.2	18.18	142.2	19.85	159.2	23.34	176.8	25.83
	31	89.8	11.91	107.4	14.69	124.4	17.77	133.2	19.44	142.2	21.18	159.2	24.87	176.8	27.41
	33	89.8	12.61	107.4	15.53	124.4	18.87	133.2	20.61	142.2	22.50	159.2	26.46	176.8	29.16
	35	89.8	13.30	107.4	16.58	124.4	20.06	133.2	21.95	142.2	23.97	159.2	28.20	176.8	30.93
	37	89.8	14.14	107.4	17.56	124.4	21.32	133.2	23.34	142.2	25.50	159.2	30.03	176.8	32.65
	39	89.8	15.02	107.4	18.73	124.4	22.79	133.2	25.11	142.2	27.54	159.2	32.13	176.8	35.19
	41	87.5	16.60	104.6	20.51	121.3	25.01	129.8	27.54	138.5	29.95	155.0	35.30	172.3	37.97
	43	85.3	18.07	102.0	22.36	118.2	27.27	126.7	30.03	135.1	32.68	151.3	38.55	168.0	41.04
46	79.9	20.07	95.7	25.14	110.8	30.71	118.7	33.44	126.6	36.86	141.7	43.49	157.5	45.75	
48	70.8	17.53	84.7	21.95	98.0	26.86	105.1	29.24	111.9	32.24	125.3	38.06	139.4	39.59	
60	10	76.8	7.63	91.8	8.94	106.8	10.40	114.2	11.16	121.8	11.85	136.6	13.46	151.6	15.05
	12	76.8	7.76	91.8	9.08	106.8	10.53	114.2	11.30	121.8	12.07	136.6	13.66	151.6	15.33
	14	76.8	7.84	91.8	9.22	106.8	10.75	114.2	11.52	121.8	12.28	136.6	13.93	151.6	15.60
	16	76.8	7.98	91.8	9.43	106.8	10.89	114.2	11.71	121.8	12.56	136.6	14.21	151.6	15.88
	18	76.8	8.12	91.8	9.57	106.8	11.10	114.2	11.93	121.8	12.76	136.6	14.43	151.6	16.23
	20	76.8	8.25	91.8	9.71	106.8	11.30	114.2	12.13	121.8	12.97	136.6	14.70	151.6	16.57
	21	76.8	8.31	91.8	9.79	106.8	11.44	114.2	12.28	121.8	13.11	136.6	14.92	151.6	16.71
	23	76.8	8.45	91.8	9.98	106.8	11.58	114.2	12.48	121.8	13.38	136.6	15.47	151.6	17.75
	25	76.8	8.61	91.8	10.20	106.8	12.07	114.2	13.11	121.8	14.21	136.6	16.51	151.6	19.01
	27	76.8	8.88	91.8	10.75	106.8	12.83	114.2	13.93	121.8	15.11	136.6	17.55	151.6	20.24
	29	76.8	9.43	91.8	11.44	106.8	13.66	114.2	14.84	121.8	16.10	136.6	18.73	151.6	21.64
	31	76.8	9.98	91.8	12.13	106.8	14.48	114.2	15.80	121.8	17.14	136.6	19.97	151.6	23.01
	33	76.8	10.53	91.8	12.83	106.8	15.39	114.2	16.78	121.8	18.24	136.6	21.23	151.6	24.55
	35	76.8	11.16	91.8	13.66	106.8	16.37	114.2	17.83	121.8	19.34	136.6	22.60	151.6	26.08
	37	76.8	11.79	91.8	14.42	106.8	17.33	114.2	18.93	121.8	20.52	136.6	24.00	151.6	27.73
	39	76.8	12.53	91.8	15.36	106.8	18.71	114.2	20.32	121.8	22.08	136.6	25.73	151.6	29.73
	41	74.8	13.60	89.5	16.79	104.0	20.32	111.3	22.19	118.7	23.97	133.2	28.23	147.9	32.31
	43	73.1	14.78	87.3	18.29	101.4	22.16	108.5	24.19	115.6	26.14	129.8	30.83	144.2	35.27
46	68.5	16.54	81.8	20.54	95.2	24.91	101.7	27.18	108.5	29.43	121.8	34.72	135.1	40.20	
48	60.6	14.42	72.3	17.91	84.1	21.77	90.1	23.75	95.8	25.70	107.7	30.36	119.5	35.16	
50	10	64.3	6.56	76.8	7.60	89.0	8.63	95.2	9.26	101.4	9.81	113.6	11.05	126.4	12.29
	12	64.3	6.64	76.8	7.66	89.0	8.76	95.2	9.39	101.4	10.00	113.6	11.25	126.4	12.51
	14	64.3	6.70	76.8	7.80	89.0	8.90	95.2	9.53	101.4	10.14	113.6	11.38	126.4	12.70
	16	64.3	6.83	76.8	7.94	89.0	9.04	95.2	9.73	101.4	10.28	113.6	11.60	126.4	12.92
	18	64.3	6.91	76.8	8.02	89.0	9.18	95.2	9.87	101.4	10.50	113.6	11.80	126.4	13.20
	20	64.3	6.97	76.8	8.15	89.0	9.39	95.2	10.00	101.4	10.69	113.6	12.01	126.4	13.47
	21	64.3	7.05	76.8	8.21	89.0	9.45	95.2	10.14	101.4	10.77	113.6	12.15	126.4	13.61
	23	64.3	7.19	76.8	8.35	89.0	9.59	95.2	10.28	101.4	10.97	113.6	12.37	126.4	13.88
	25	64.3	7.25	76.8	8.49	89.0	9.81	95.2	10.50	101.4	11.32	113.6	12.98	126.4	14.85
	27	64.3	7.39	76.8	8.76	89.0	10.36	95.2	11.19	101.4	12.01	113.6	13.88	126.4	15.81
	29	64.3	7.80	76.8	9.32	89.0	10.97	95.2	11.88	101.4	12.78	113.6	14.71	126.4	16.78
	31	64.3	8.21	76.8	9.87	89.0	11.66	95.2	12.56	101.4	13.61	113.6	15.68	126.4	17.88
	33	64.3	8.70	76.8	10.42	89.0	12.37	95.2	13.33	101.4	14.44	113.6	16.64	126.4	19.06
	35	64.3	9.18	76.8	11.05	89.0	13.06	95.2	14.16	101.4	15.26	113.6	17.61	126.4	20.23
	37	64.3	9.73	76.8	11.66	89.0	13.81	95.2	14.99	101.4	16.15	113.6	18.79	126.4	21.47
	39	64.3	10.39	76.8	12.51	89.0	14.80	95.2	16.12	101.4	17.33	113.6	20.00	126.4	23.20
	41	62.6	11.24	74.8	13.53	86.7	16.18	92.7	17.47	98.6	18.79	110.7	21.93	123.2	25.18
	43	61.2	12.21	73.1	14.72	84.7	17.61	90.4	19.01	96.3	20.45	107.9	23.91	120.2	27.47
46	57.2	13.67	68.5	16.51	79.3	19.75	84.7	21.36	90.1	22.95	101.1	26.90	112.7	30.94	
48	50.7	11.91	60.6	14.41	70.2	17.22	75.1	18.65	79.9	20.03	89.5	23.51	99.7	27.03	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM700BTE5

Cooling Capacity (70HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	179.1	20.05	213.5	24.50	228.7	28.42	235.3	29.01	241.8	29.24	253.5	29.47	260.1	29.58
	12	179.1	20.54	213.5	25.38	228.7	29.59	235.3	29.78	241.8	30.02	253.5	30.27	260.1	30.53
	14	179.1	21.24	213.5	26.30	228.7	30.70	235.3	30.93	241.8	31.18	253.5	31.41	260.1	31.70
	16	179.1	22.01	213.5	27.21	228.7	32.07	235.3	32.38	241.8	32.64	253.5	32.93	260.1	33.18
	18	179.1	22.93	213.5	28.78	228.7	33.55	235.3	34.27	241.8	34.55	253.5	34.89	260.1	35.13
	20	179.1	23.93	213.5	30.67	228.7	35.21	235.3	37.70	241.8	38.01	249.9	38.38	256.4	38.64
	21	179.1	24.56	213.5	31.75	228.7	35.95	235.3	39.89	241.8	40.21	248.5	40.61	254.9	40.89
	23	179.1	26.36	213.5	33.39	228.7	37.81	235.3	44.03	238.8	44.38	244.7	44.83	251.4	45.12
	25	179.1	28.16	213.5	35.32	228.7	40.41	232.5	48.83	235.3	49.23	241.8	49.71	248.5	50.06
	27	179.1	30.13	213.5	37.75	225.8	43.06	228.7	53.75	232.5	54.17	238.8	54.72	244.7	55.09
	29	179.1	32.10	213.5	40.35	222.2	46.32	225.4	59.08	228.7	59.43	235.3	59.97	241.8	60.20
	31	179.1	34.26	212.7	42.52	218.5	49.28	222.2	58.83	225.4	59.17	231.6	59.71	238.3	59.94
	33	179.1	36.50	209.1	45.04	215.6	52.85	219.1	58.28	222.2	58.65	228.7	59.17	234.5	59.40
	35	179.1	38.92	205.3	47.17	212.0	57.25	215.6	57.54	219.1	57.88	225.1	58.40	231.6	58.62
	37	179.1	41.50	202.4	49.51	209.1	56.48	212.0	56.77	215.6	57.11	221.4	57.62	228.1	57.85
	39	179.1	44.20	198.9	52.11	205.3	55.74	209.1	56.00	212.0	56.34	218.5	56.85	225.1	57.08
	41	174.7	46.89	190.7	54.71	197.1	54.97	200.1	55.25	203.9	55.57	210.0	56.08	215.8	56.31
	43	170.3	49.45	182.6	53.94	189.0	54.22	191.9	54.49	195.7	54.82	201.8	55.31	207.3	55.52
46	159.6	52.92	166.6	52.83	172.7	53.09	175.3	53.35	179.1	53.68	184.6	54.14	189.8	54.37	
48	141.2	51.46	144.7	51.60	150.2	51.71	152.5	51.86	155.8	52.31	160.7	52.63	165.3	52.83	
120	10	165.7	18.04	197.1	22.11	215.3	26.27	221.9	28.41	228.4	28.84	240.9	28.96	246.8	29.19
	12	165.7	18.53	197.1	22.87	215.3	27.33	221.9	29.01	228.4	29.92	240.9	30.27	246.8	30.52
	14	165.7	19.16	197.1	23.64	215.3	28.44	221.9	30.10	228.4	31.01	240.9	31.47	246.8	31.72
	16	165.7	19.85	197.1	24.61	215.3	29.53	221.9	31.22	228.4	32.44	240.9	32.84	246.8	33.10
	18	165.7	20.62	197.1	25.70	215.3	30.72	221.9	32.87	228.4	34.12	240.9	34.50	246.8	34.78
	20	165.7	21.42	197.1	27.27	215.3	32.38	221.9	34.58	228.4	35.92	240.9	36.38	246.8	36.69
	21	165.7	22.07	197.1	28.24	215.3	33.27	221.9	35.61	228.4	37.10	240.9	37.58	246.8	37.87
	23	165.7	23.59	197.1	30.21	215.3	35.66	221.9	37.84	228.4	39.55	240.9	39.95	246.8	40.27
	25	165.7	25.19	197.1	32.38	215.3	37.61	221.9	40.32	228.4	42.41	238.0	42.77	243.8	43.12
	27	165.7	26.90	197.1	34.61	215.3	40.03	221.9	43.09	228.4	45.58	234.2	45.89	240.3	46.26
	29	165.7	28.70	197.1	36.95	215.3	42.12	221.9	46.12	224.8	48.58	230.7	49.31	237.2	49.71
	31	165.7	30.58	197.1	39.46	215.3	44.29	219.0	49.40	221.9	52.11	227.8	53.03	233.6	53.46
	33	165.7	32.55	197.1	42.06	212.4	46.86	215.3	53.63	218.2	55.94	224.0	56.60	229.9	57.05
	35	165.7	34.61	197.1	44.83	208.8	49.60	211.7	59.08	215.3	59.37	221.1	59.54	226.9	60.02
	37	165.7	37.24	197.1	47.32	205.9	52.88	208.8	57.83	211.7	58.11	217.6	58.29	223.4	58.77
	39	165.7	40.09	196.3	50.00	202.2	56.08	205.1	56.65	208.0	56.94	214.7	57.11	220.5	57.54
	41	161.6	42.94	187.8	52.69	194.2	54.97	196.9	55.46	199.8	55.74	205.6	55.91	211.4	56.34
	43	157.5	45.83	179.9	51.94	186.1	53.74	188.7	54.26	191.6	54.54	197.2	54.71	203.0	55.14
46	147.6	49.28	164.0	50.71	170.0	52.06	172.4	52.49	175.0	52.74	180.5	52.91	185.8	53.32	
48	130.6	48.26	142.4	49.80	147.8	51.03	149.9	51.35	152.3	51.52	156.9	51.72	161.6	51.94	
110	10	151.7	16.22	180.8	19.76	201.9	23.48	207.7	25.42	220.8	27.36	226.0	28.13	241.2	28.59
	12	151.7	16.73	180.8	20.44	201.9	24.47	207.7	26.13	220.8	28.39	226.0	29.30	241.2	29.98
	14	151.7	17.25	180.8	21.36	201.9	25.56	207.7	27.44	220.8	29.81	226.0	30.67	241.2	31.32
	16	151.7	17.87	180.8	22.13	201.9	26.62	207.7	28.64	220.8	31.19	226.0	32.04	241.2	32.61
	18	151.7	18.53	180.8	23.07	201.9	28.16	207.7	30.15	220.8	32.90	226.0	33.55	241.2	34.18
	20	151.7	19.19	180.8	24.21	201.9	29.87	207.7	31.53	220.8	34.50	226.0	35.35	241.2	35.92
	21	151.7	19.62	180.8	24.93	201.9	30.64	207.7	32.38	220.8	35.46	226.0	36.35	241.2	36.92
	23	151.7	20.90	180.8	26.73	201.9	32.35	207.7	34.18	220.8	37.46	226.0	38.27	241.2	38.90
	25	151.7	22.33	180.8	28.52	201.9	34.16	207.7	36.15	220.8	39.58	226.0	40.15	238.3	40.98
	27	151.7	23.85	180.8	30.50	201.9	36.10	207.7	38.26	220.8	41.35	226.0	42.29	234.8	43.00
	29	151.7	25.47	180.8	32.55	201.9	38.15	207.7	40.52	220.8	43.69	226.0	44.43	231.9	45.12
	31	151.7	27.07	180.8	34.70	201.9	40.32	207.7	42.92	217.3	45.91	223.1	46.80	228.1	47.29
	33	151.7	28.87	180.8	36.95	201.9	42.60	207.7	45.49	214.3	48.48	219.4	49.28	225.2	49.55
	35	151.7	30.67	180.8	39.46	201.9	44.98	207.7	48.20	210.6	51.17	215.8	51.63	221.7	51.89
	37	151.7	32.50	180.8	41.89	201.9	47.49	204.8	51.06	207.1	53.97	212.9	54.14	217.9	54.29
	39	151.7	35.04	180.8	44.49	198.3	50.11	201.2	54.62	204.2	56.63	209.2	56.72	215.0	56.77
	41	147.8	37.58	176.2	47.12	189.8	52.83	192.8	59.08	195.2	59.08	201.0	59.54	205.9	60.02
	43	144.1	39.46	171.8	49.09	182.0	56.03	184.9	56.66	187.3	56.54	192.8	56.86	197.7	57.03
46	135.0	38.52	161.0	47.40	166.0	53.17	168.9	53.17	171.0	53.63	176.2	53.94	180.8	54.08	
48	119.5	37.41	140.0	45.66	144.1	50.60	146.7	50.94	148.7	51.18	153.4	51.32	157.3	51.54	

7. Capacity Tables

Cooling Capacity (70HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	132.4	14.62	157.5	17.76	183.4	21.07	196.0	22.76	208.6	24.45	231.3	27.22	236.3	27.44
	12	132.4	15.08	157.5	18.48	183.4	21.78	196.0	23.38	208.6	25.24	231.3	28.70	236.3	28.98
	14	132.4	15.54	157.5	19.22	183.4	22.70	196.0	24.39	208.6	26.33	231.3	30.30	236.3	30.58
	16	132.4	16.02	157.5	19.85	183.4	23.67	196.0	25.53	208.6	27.73	231.3	31.75	236.3	32.21
	18	132.4	16.50	157.5	20.59	183.4	24.58	196.0	26.79	208.6	29.41	231.3	33.55	236.3	33.81
	20	132.4	17.08	157.5	21.36	183.4	26.01	196.0	28.70	208.6	31.47	231.3	35.15	236.3	35.44
	21	132.4	17.45	157.5	21.88	183.4	26.90	196.0	29.67	208.6	32.64	231.3	35.95	236.3	36.24
	23	132.4	18.48	157.5	23.41	183.4	28.87	196.0	31.84	208.6	34.98	231.3	37.66	236.3	37.95
	25	132.4	19.64	157.5	24.93	183.4	30.84	196.0	34.07	208.6	37.40	231.3	39.26	234.5	39.58
	27	132.4	20.99	157.5	26.64	183.4	33.01	196.0	36.41	208.6	39.75	226.9	41.12	231.6	41.44
	29	132.4	22.33	157.5	28.44	183.4	35.24	196.0	38.92	208.6	42.09	222.5	42.77	228.1	43.12
	31	132.4	23.85	157.5	30.30	183.4	37.58	196.0	41.52	208.6	44.21	219.3	44.41	224.6	44.78
	33	132.4	25.30	157.5	32.29	183.4	40.09	196.0	44.29	208.6	45.89	215.8	46.06	221.1	46.44
	35	132.4	26.90	157.5	34.35	183.4	42.69	196.0	47.26	205.4	47.54	211.8	47.72	217.3	48.11
	37	132.4	28.81	157.5	36.84	183.4	45.21	196.0	49.51	202.1	49.75	207.9	49.95	212.9	50.43
	39	132.4	30.90	157.5	39.58	183.4	47.92	196.0	51.94	198.6	52.17	204.5	52.35	209.4	52.85
	41	130.1	32.96	154.9	42.32	180.5	50.60	188.1	54.34	192.2	54.57	196.6	54.77	203.0	55.28
	43	125.7	34.89	149.6	44.86	174.4	53.03	180.3	56.43	182.3	56.63	188.1	56.82	193.0	57.34
46	117.8	37.52	140.3	48.35	163.3	56.25	164.5	59.08	166.5	59.25	171.8	59.42	176.4	59.99	
48	104.2	32.41	124.0	41.83	140.9	48.09	143.2	50.12	144.6	50.29	149.3	50.40	153.4	50.80	
90	10	119.0	12.68	142.1	15.25	165.1	17.99	176.4	19.39	187.6	20.88	210.6	23.36	233.9	25.99
	12	119.0	12.85	142.1	15.50	165.1	18.31	176.4	19.79	187.6	21.34	210.6	23.82	233.9	26.44
	14	119.0	13.08	142.1	15.80	165.1	18.68	176.4	20.17	187.6	21.73	210.6	24.28	233.9	26.97
	16	119.0	13.31	142.1	16.11	165.1	19.08	176.4	20.56	187.6	22.11	210.6	24.74	233.9	27.44
	18	119.0	13.54	142.1	16.43	165.1	19.39	176.4	21.02	187.6	22.59	210.6	25.28	233.9	28.82
	20	119.0	13.79	142.1	16.74	165.1	19.79	176.4	21.42	187.6	23.45	210.6	27.05	233.9	30.19
	21	119.0	13.94	142.1	16.91	165.1	20.17	176.4	22.11	187.6	24.30	210.6	27.50	233.9	30.88
	23	119.0	14.25	142.1	17.60	165.1	21.57	176.4	23.76	187.6	26.02	210.6	29.16	230.7	32.33
	25	119.0	14.96	142.1	18.77	165.1	23.05	176.4	25.39	187.6	27.79	210.6	31.19	227.2	33.73
	27	119.0	15.97	142.1	20.02	165.1	24.62	176.4	27.10	187.6	29.76	210.6	33.16	224.0	35.30
	29	119.0	16.91	142.1	21.34	165.1	26.33	176.4	28.96	187.6	31.76	210.6	35.13	220.5	36.73
	31	119.0	17.99	142.1	22.74	165.1	28.04	176.4	30.84	187.6	33.87	210.6	36.87	217.3	38.15
	33	119.0	19.16	142.1	24.22	165.1	29.90	176.4	32.87	187.6	35.93	210.6	38.65	213.8	39.56
	35	119.0	20.33	142.1	25.70	165.1	31.76	176.4	35.04	187.6	38.10	207.1	40.87	210.6	41.81
	37	119.0	21.57	142.1	27.33	165.1	33.87	176.4	37.22	187.6	40.21	203.8	42.73	207.3	43.69
	39	119.0	22.85	142.1	29.07	165.1	35.85	176.4	39.61	187.6	42.30	200.4	45.04	203.9	45.58
	41	116.0	25.56	138.5	32.24	161.0	39.36	171.8	43.33	182.9	45.67	192.0	47.47	195.4	48.56
	43	113.1	27.59	135.0	34.84	156.9	42.99	167.7	46.66	178.2	48.95	184.1	50.84	187.5	51.44
46	105.9	31.05	126.6	39.67	147.0	48.98	157.2	52.90	161.9	54.38	168.0	55.81	171.2	55.89	
48	93.7	27.13	112.0	34.70	130.1	42.84	138.9	46.15	140.6	46.87	146.1	48.04	148.8	48.10	
80	10	105.6	10.59	126.0	12.71	146.4	14.93	156.9	16.10	167.4	17.28	187.6	19.70	207.9	21.39
	12	105.6	10.80	126.0	12.85	146.4	15.22	156.9	16.39	167.4	17.56	187.6	20.07	207.9	21.81
	14	105.6	10.96	126.0	13.16	146.4	15.44	156.9	16.68	167.4	17.85	187.6	20.44	207.9	22.24
	16	105.6	11.11	126.0	13.37	146.4	15.73	156.9	16.99	167.4	18.22	187.6	20.87	207.9	22.65
	18	105.6	11.31	126.0	13.59	146.4	16.02	156.9	17.28	167.4	18.59	187.6	21.24	207.9	23.16
	20	105.6	11.54	126.0	13.88	146.4	16.39	156.9	17.65	167.4	18.96	187.6	22.05	207.9	24.53
	21	105.6	11.62	126.0	14.05	146.4	16.53	156.9	17.85	167.4	19.41	187.6	22.76	207.9	25.18
	23	105.6	11.83	126.0	14.25	146.4	17.28	156.9	18.96	167.4	20.73	187.6	24.02	207.9	26.42
	25	105.6	12.28	126.0	15.22	146.4	18.53	156.9	20.28	167.4	22.19	187.6	25.70	207.9	28.27
	27	105.6	13.02	126.0	16.16	146.4	19.76	156.9	21.68	167.4	23.67	187.6	27.30	207.9	29.73
	29	105.6	13.82	126.0	17.28	146.4	21.02	156.9	23.07	167.4	25.28	187.6	29.27	207.9	31.81
	31	105.6	14.70	126.0	18.30	146.4	22.42	156.9	24.62	167.4	26.90	187.6	31.04	207.9	33.41
	33	105.6	15.59	126.0	19.56	146.4	23.90	156.9	26.24	167.4	28.67	187.6	32.72	207.9	35.03
	35	105.6	16.53	126.0	20.73	146.4	25.44	156.9	27.93	167.4	30.58	187.6	34.69	205.6	36.30
	37	105.6	17.50	126.0	22.04	146.4	26.98	156.9	29.70	167.4	32.49	187.6	36.61	202.4	37.95
	39	105.6	18.48	126.0	23.30	146.4	28.87	156.9	31.92	167.4	34.92	187.6	38.69	199.0	40.04
	41	103.0	20.45	122.8	25.82	142.6	31.67	152.8	34.98	163.0	38.35	182.9	43.06	190.7	44.37
	43	100.4	22.51	119.8	28.18	139.1	34.58	149.0	38.15	159.0	41.92	178.2	46.06	182.9	47.49
46	94.2	25.04	112.3	31.73	130.3	38.95	139.7	42.44	149.0	47.31	163.0	50.29	166.8	51.09	
48	83.4	21.87	99.2	27.75	115.2	34.07	123.6	37.07	131.8	41.41	141.5	43.52	145.0	43.98	

7. Capacity Tables

Cooling Capacity (70HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	92.4	9.25	110.6	10.99	128.1	12.74	137.1	13.76	146.4	14.71	163.9	16.76	182.0	18.73
	12	92.4	9.39	110.6	11.14	128.1	13.04	137.1	13.99	146.4	15.01	163.9	17.04	182.0	19.10
	14	92.4	9.54	110.6	11.28	128.1	13.25	137.1	14.19	146.4	15.22	163.9	17.41	182.0	19.44
	16	92.4	9.68	110.6	11.51	128.1	13.48	137.1	14.50	146.4	15.51	163.9	17.70	182.0	19.87
	18	92.4	9.82	110.6	11.73	128.1	13.76	137.1	14.79	146.4	15.81	163.9	17.99	182.0	20.21
	20	92.4	9.99	110.6	11.94	128.1	13.99	137.1	15.08	146.4	16.16	163.9	18.42	182.0	20.98
	21	92.4	10.13	110.6	12.02	128.1	14.13	137.1	15.22	146.4	16.31	163.9	18.73	182.0	21.42
	23	92.4	10.28	110.6	12.31	128.1	14.42	137.1	15.73	146.4	17.13	163.9	20.04	182.0	22.61
	25	92.4	10.42	110.6	12.74	128.1	15.36	137.1	16.82	146.4	18.28	163.9	21.41	182.0	23.72
	27	92.4	10.99	110.6	13.62	128.1	16.39	137.1	17.84	146.4	19.53	163.9	22.87	182.0	25.21
	29	92.4	11.73	110.6	14.42	128.1	17.41	137.1	19.01	146.4	20.76	163.9	24.41	182.0	27.01
	31	92.4	12.45	110.6	15.36	128.1	18.58	137.1	20.33	146.4	22.15	163.9	26.01	182.0	28.66
	33	92.4	13.19	110.6	16.24	128.1	19.73	137.1	21.56	146.4	23.53	163.9	27.67	182.0	30.50
	35	92.4	13.91	110.6	17.33	128.1	20.98	137.1	22.95	146.4	25.06	163.9	29.49	182.0	32.35
	37	92.4	14.79	110.6	18.36	128.1	22.30	137.1	24.41	146.4	26.66	163.9	31.40	182.0	34.14
	39	92.4	15.70	110.6	19.58	128.1	23.84	137.1	26.26	146.4	28.80	163.9	33.60	182.0	36.80
	41	90.1	17.36	107.7	21.44	124.8	26.15	133.6	28.80	142.6	31.32	159.6	36.91	177.3	39.71
	43	87.8	18.90	105.0	23.38	121.7	28.52	130.4	31.40	139.1	34.18	155.7	40.31	173.0	42.91
46	82.3	20.99	98.6	26.29	114.1	32.12	122.2	34.97	130.3	38.54	145.8	45.48	162.1	47.85	
48	72.9	18.33	87.2	22.96	100.9	28.09	108.2	30.57	115.2	33.72	129.0	39.80	143.5	41.40	
60	10	79.1	7.94	94.5	9.31	109.9	10.82	117.6	11.62	125.4	12.33	140.6	14.01	156.1	15.67
	12	79.1	8.08	94.5	9.45	109.9	10.96	117.6	11.76	125.4	12.56	140.6	14.22	156.1	15.96
	14	79.1	8.16	94.5	9.59	109.9	11.19	117.6	11.99	125.4	12.78	140.6	14.50	156.1	16.24
	16	79.1	8.30	94.5	9.82	109.9	11.33	117.6	12.19	125.4	13.07	140.6	14.79	156.1	16.53
	18	79.1	8.45	94.5	9.96	109.9	11.56	117.6	12.42	125.4	13.28	140.6	15.01	156.1	16.90
	20	79.1	8.59	94.5	10.10	109.9	11.76	117.6	12.62	125.4	13.50	140.6	15.30	156.1	17.24
	21	79.1	8.65	94.5	10.19	109.9	11.91	117.6	12.78	125.4	13.64	140.6	15.53	156.1	17.39
	23	79.1	8.80	94.5	10.39	109.9	12.05	117.6	12.99	125.4	13.93	140.6	16.10	156.1	18.47
	25	79.1	8.96	94.5	10.62	109.9	12.56	117.6	13.64	125.4	14.79	140.6	17.18	156.1	19.78
	27	79.1	9.25	94.5	11.19	109.9	13.36	117.6	14.50	125.4	15.73	140.6	18.27	156.1	21.07
	29	79.1	9.82	94.5	11.91	109.9	14.22	117.6	15.44	125.4	16.75	140.6	19.49	156.1	22.52
	31	79.1	10.39	94.5	12.62	109.9	15.08	117.6	16.45	125.4	17.84	140.6	20.78	156.1	23.95
	33	79.1	10.96	94.5	13.36	109.9	16.02	117.6	17.47	125.4	18.98	140.6	22.09	156.1	25.55
	35	79.1	11.62	94.5	14.22	109.9	17.04	117.6	18.55	125.4	20.13	140.6	23.52	156.1	27.14
	37	79.1	12.27	94.5	15.01	109.9	18.04	117.6	19.70	125.4	21.36	140.6	24.98	156.1	28.86
	39	79.1	13.05	94.5	15.98	109.9	19.47	117.6	21.15	125.4	22.98	140.6	26.78	156.1	30.94
	41	77.0	14.16	92.1	17.47	107.1	21.15	114.6	23.09	122.2	24.95	137.1	29.38	152.2	33.62
	43	75.2	15.38	89.8	19.04	104.4	23.06	111.7	25.17	119.0	27.21	133.6	32.08	148.4	36.71
46	70.5	17.22	84.3	21.38	98.0	25.92	104.7	28.29	111.7	30.63	125.4	36.14	139.1	41.84	
48	62.4	15.01	74.4	18.64	86.6	22.66	92.7	24.72	98.6	26.75	110.8	31.60	123.1	36.60	
50	10	66.2	6.79	79.1	7.87	91.6	8.93	98.0	9.59	104.4	10.16	116.9	11.44	130.1	12.73
	12	66.2	6.87	79.1	7.94	91.6	9.08	98.0	9.73	104.4	10.36	116.9	11.65	130.1	12.95
	14	66.2	6.94	79.1	8.08	91.6	9.22	98.0	9.87	104.4	10.51	116.9	11.79	130.1	13.16
	16	66.2	7.08	79.1	8.22	91.6	9.36	98.0	10.08	104.4	10.65	116.9	12.01	130.1	13.38
	18	66.2	7.16	79.1	8.30	91.6	9.51	98.0	10.22	104.4	10.87	116.9	12.22	130.1	13.67
	20	66.2	7.22	79.1	8.45	91.6	9.73	98.0	10.36	104.4	11.08	116.9	12.44	130.1	13.95
	21	66.2	7.30	79.1	8.51	91.6	9.79	98.0	10.51	104.4	11.16	116.9	12.59	130.1	14.10
	23	66.2	7.45	79.1	8.65	91.6	9.93	98.0	10.65	104.4	11.36	116.9	12.81	130.1	14.38
	25	66.2	7.51	79.1	8.79	91.6	10.16	98.0	10.87	104.4	11.73	116.9	13.44	130.1	15.38
	27	66.2	7.65	79.1	9.08	91.6	10.73	98.0	11.59	104.4	12.44	116.9	14.38	130.1	16.38
	29	66.2	8.08	79.1	9.65	91.6	11.36	98.0	12.30	104.4	13.24	116.9	15.24	130.1	17.38
	31	66.2	8.51	79.1	10.22	91.6	12.08	98.0	13.01	104.4	14.10	116.9	16.24	130.1	18.52
	33	66.2	9.02	79.1	10.79	91.6	12.81	98.0	13.81	104.4	14.95	116.9	17.24	130.1	19.75
	35	66.2	9.51	79.1	11.44	91.6	13.52	98.0	14.67	104.4	15.81	116.9	18.24	130.1	20.95
	37	66.2	10.08	79.1	12.08	91.6	14.30	98.0	15.52	104.4	16.73	116.9	19.46	130.1	22.23
	39	66.2	10.76	79.1	12.96	91.6	15.33	98.0	16.70	104.4	17.95	116.9	20.72	130.1	24.03
	41	64.5	11.64	77.0	14.02	89.3	16.75	95.4	18.09	101.5	19.46	114.0	22.72	126.9	26.09
	43	63.0	12.64	75.2	15.24	87.2	18.24	93.1	19.69	99.2	21.18	111.1	24.77	123.7	28.46
46	58.9	14.16	70.5	17.10	81.7	20.46	87.2	22.12	92.8	23.78	104.1	27.86	116.0	32.05	
48	52.2	12.33	62.4	14.92	72.3	17.84	77.3	19.32	82.2	20.75	92.1	24.35	102.6	28.00	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM720BTE5

Cooling Capacity (72HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	184.2	21.06	219.6	25.74	235.2	29.85	242.1	30.48	248.7	30.72	260.7	30.96	267.6	31.08
	12	184.2	21.57	219.6	26.67	235.2	31.08	242.1	31.29	248.7	31.53	260.7	31.80	267.6	32.07
	14	184.2	22.32	219.6	27.63	235.2	32.25	242.1	32.49	248.7	32.76	260.7	33.00	267.6	33.30
	16	184.2	23.13	219.6	28.59	235.2	33.69	242.1	34.02	248.7	34.29	260.7	34.59	267.6	34.86
	18	184.2	24.09	219.6	30.24	235.2	35.25	242.1	36.00	248.7	36.30	260.7	36.66	267.6	36.90
	20	184.2	25.14	219.6	32.22	235.2	36.99	242.1	39.60	248.7	39.93	257.1	40.32	263.7	40.59
	21	184.2	25.80	219.6	33.36	235.2	37.77	242.1	41.91	248.7	42.24	255.6	42.66	262.2	42.96
	23	184.2	27.69	219.6	35.07	235.2	39.72	242.1	46.26	245.7	46.62	251.7	47.10	258.6	47.40
	25	184.2	29.58	219.6	37.11	235.2	42.45	239.1	51.30	242.1	51.72	248.7	52.23	255.6	52.59
	27	184.2	31.65	219.6	39.66	232.2	45.24	235.2	56.46	239.1	56.91	245.7	57.48	251.7	57.87
	29	184.2	33.72	219.6	42.39	228.6	48.66	231.9	62.07	235.2	62.43	242.1	63.00	248.7	63.24
	31	184.2	36.00	218.7	44.67	224.7	51.78	228.6	61.80	231.9	62.16	238.2	62.73	245.1	62.97
	33	184.2	38.34	215.1	47.31	221.7	55.53	225.3	61.23	228.6	61.62	235.2	62.16	241.2	62.40
	35	184.2	40.89	211.2	49.56	218.1	60.15	221.7	60.45	225.3	60.81	231.6	61.35	238.2	61.59
	37	184.2	43.59	208.2	52.02	215.1	59.34	218.1	59.64	221.7	60.00	227.7	60.54	234.6	60.78
	39	184.2	46.44	204.6	54.75	211.2	58.56	215.1	58.83	218.1	59.19	224.7	59.73	231.6	59.97
	41	179.7	49.26	196.2	57.48	202.8	57.75	205.8	58.05	209.7	58.38	216.0	58.92	222.0	59.16
	43	175.2	51.96	187.8	56.67	194.4	56.97	197.4	57.24	201.3	57.60	207.6	58.11	213.3	58.32
46	164.1	55.59	171.3	55.50	177.6	55.77	180.3	56.04	184.2	56.40	189.9	56.88	195.3	57.12	
48	145.2	54.06	148.8	54.21	154.5	54.33	156.9	54.48	160.2	54.96	165.3	55.29	170.1	55.50	
120	10	170.4	18.96	202.8	23.22	221.4	27.60	228.3	29.85	234.9	30.30	247.8	30.42	253.8	30.66
	12	170.4	19.47	202.8	24.03	221.4	28.71	228.3	30.48	234.9	31.44	247.8	31.80	253.8	32.07
	14	170.4	20.13	202.8	24.84	221.4	29.88	228.3	31.62	234.9	32.58	247.8	33.06	253.8	33.33
	16	170.4	20.85	202.8	25.86	221.4	31.02	228.3	32.79	234.9	34.08	247.8	34.50	253.8	34.77
	18	170.4	21.66	202.8	27.00	221.4	32.28	228.3	34.53	234.9	35.85	247.8	36.24	253.8	36.54
	20	170.4	22.50	202.8	28.65	221.4	34.02	228.3	36.33	234.9	37.74	247.8	38.22	253.8	38.55
	21	170.4	23.19	202.8	29.67	221.4	34.95	228.3	37.41	234.9	38.97	247.8	39.48	253.8	39.78
	23	170.4	24.78	202.8	31.74	221.4	37.47	228.3	39.75	234.9	41.55	247.8	41.97	253.8	42.30
	25	170.4	26.46	202.8	34.02	221.4	39.51	228.3	42.36	234.9	44.55	244.8	44.94	250.8	45.30
	27	170.4	28.26	202.8	36.36	221.4	42.06	228.3	45.27	234.9	47.88	240.9	48.21	247.2	48.60
	29	170.4	30.15	202.8	38.82	221.4	44.25	228.3	48.45	231.3	51.03	237.3	51.81	243.9	52.23
	31	170.4	32.13	202.8	41.46	221.4	46.53	225.3	51.90	228.3	54.75	234.3	55.71	240.3	56.16
	33	170.4	34.20	202.8	44.19	218.4	49.23	221.4	56.34	224.4	58.77	230.4	59.46	236.4	59.94
	35	170.4	36.36	202.8	47.10	214.8	52.11	217.8	62.07	221.4	62.37	227.4	62.55	233.4	63.06
	37	170.4	39.12	202.8	49.71	211.8	55.56	214.8	60.75	217.8	61.05	223.8	61.23	229.8	61.74
	39	170.4	42.12	201.9	52.53	207.9	58.92	210.9	59.52	213.9	59.82	220.8	60.00	226.8	60.45
	41	166.2	45.12	193.2	55.35	199.8	57.75	202.5	58.26	205.5	58.56	211.5	58.74	217.5	59.19
	43	162.0	48.15	185.1	54.57	191.4	56.46	194.1	57.00	197.1	57.30	202.8	57.48	208.8	57.93
46	151.8	51.78	168.6	53.28	174.9	54.69	177.3	55.14	180.0	55.41	185.7	55.59	191.1	56.01	
48	134.4	50.70	146.4	52.32	152.1	53.61	154.2	53.94	156.6	54.12	161.4	54.33	166.2	54.57	
110	10	156.0	17.04	186.0	20.76	207.6	24.66	213.6	26.70	227.1	28.74	232.5	29.55	248.1	30.03
	12	156.0	17.58	186.0	21.48	207.6	25.71	213.6	27.45	227.1	29.82	232.5	30.78	248.1	31.50
	14	156.0	18.12	186.0	22.44	207.6	26.85	213.6	28.83	227.1	31.32	232.5	32.22	248.1	32.91
	16	156.0	18.78	186.0	23.25	207.6	27.96	213.6	30.09	227.1	32.76	232.5	33.66	248.1	34.26
	18	156.0	19.47	186.0	24.24	207.6	29.58	213.6	31.68	227.1	34.56	232.5	35.25	248.1	35.91
	20	156.0	20.16	186.0	25.44	207.6	31.38	213.6	33.12	227.1	36.24	232.5	37.14	248.1	37.74
	21	156.0	20.61	186.0	26.19	207.6	32.19	213.6	34.02	227.1	37.26	232.5	38.19	248.1	38.79
	23	156.0	21.96	186.0	28.08	207.6	33.99	213.6	35.91	227.1	39.36	232.5	40.20	248.1	40.86
	25	156.0	23.46	186.0	29.97	207.6	35.88	213.6	37.98	227.1	41.58	232.5	42.18	245.1	43.05
	27	156.0	25.05	186.0	32.04	207.6	37.92	213.6	40.20	227.1	43.44	232.5	44.43	241.5	45.18
	29	156.0	26.76	186.0	34.20	207.6	40.08	213.6	42.57	227.1	45.90	232.5	46.68	238.5	47.40
	31	156.0	28.44	186.0	36.45	207.6	42.36	213.6	45.09	223.5	48.24	229.5	49.17	234.6	49.68
	33	156.0	30.33	186.0	38.82	207.6	44.76	213.6	47.79	220.5	50.94	225.6	51.78	231.6	52.05
	35	156.0	32.22	186.0	41.46	207.6	47.25	213.6	50.64	216.6	53.76	222.0	54.24	228.0	54.51
	37	156.0	34.14	186.0	44.01	207.6	49.89	210.6	53.64	213.0	56.70	219.0	56.88	224.1	57.03
	39	156.0	36.81	186.0	46.74	204.0	52.65	207.0	57.39	210.0	59.49	215.1	59.58	221.1	59.64
	41	152.1	39.48	181.2	49.50	195.3	55.50	198.3	62.07	200.7	62.07	206.7	62.55	211.8	63.06
	43	148.2	41.46	176.7	51.57	187.2	58.86	190.2	59.52	192.6	59.40	198.3	59.73	203.4	59.91
46	138.9	40.47	165.6	49.80	170.7	55.86	173.7	55.86	175.8	56.34	181.2	56.67	186.0	56.82	
48	123.0	39.30	144.0	47.97	148.2	53.16	150.9	53.52	153.0	53.76	157.8	53.91	161.7	54.15	

7. Capacity Tables

Cooling Capacity (72HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	136.2	15.36	162.0	18.66	188.7	22.14	201.6	23.91	214.5	25.68	237.9	28.59	243.0	28.83
	12	136.2	15.84	162.0	19.41	188.7	22.89	201.6	24.57	214.5	26.52	237.9	30.15	243.0	30.45
	14	136.2	16.32	162.0	20.19	188.7	23.85	201.6	25.62	214.5	27.66	237.9	31.83	243.0	32.13
	16	136.2	16.83	162.0	20.85	188.7	24.87	201.6	26.82	214.5	29.13	237.9	33.36	243.0	33.84
	18	136.2	17.34	162.0	21.63	188.7	25.83	201.6	28.14	214.5	30.90	237.9	35.25	243.0	35.52
	20	136.2	17.94	162.0	22.44	188.7	27.33	201.6	30.15	214.5	33.06	237.9	36.93	243.0	37.23
	21	136.2	18.33	162.0	22.98	188.7	28.26	201.6	31.17	214.5	34.29	237.9	37.77	243.0	38.07
	23	136.2	19.41	162.0	24.60	188.7	30.33	201.6	33.45	214.5	36.75	237.9	39.57	243.0	39.87
	25	136.2	20.64	162.0	26.19	188.7	32.40	201.6	35.79	214.5	39.30	237.9	41.25	241.2	41.58
	27	136.2	22.05	162.0	27.99	188.7	34.68	201.6	38.25	214.5	41.76	233.4	43.20	238.2	43.53
	29	136.2	23.46	162.0	29.88	188.7	37.02	201.6	40.89	214.5	44.22	228.9	44.94	234.6	45.30
	31	136.2	25.05	162.0	31.83	188.7	39.48	201.6	43.62	214.5	46.44	225.6	46.65	231.0	47.04
	33	136.2	26.58	162.0	33.93	188.7	42.12	201.6	46.53	214.5	48.21	222.0	48.39	227.4	48.78
	35	136.2	28.26	162.0	36.09	188.7	44.85	201.6	49.65	211.2	49.95	217.8	50.13	223.5	50.55
	37	136.2	30.27	162.0	38.70	188.7	47.49	201.6	52.02	207.9	52.26	213.9	52.47	219.0	52.98
	39	136.2	32.46	162.0	41.58	188.7	50.34	201.6	54.57	204.3	54.81	210.3	54.99	215.4	55.53
	41	133.8	34.62	159.3	44.46	185.7	53.16	193.5	57.09	197.7	57.33	202.2	57.54	208.8	58.08
	43	129.3	36.66	153.9	47.13	179.4	55.71	185.4	59.28	187.5	59.49	193.5	59.70	198.6	60.24
46	121.2	39.42	144.3	50.79	168.0	59.10	169.2	62.07	171.3	62.25	176.7	62.43	181.5	63.03	
48	107.1	34.05	127.5	43.95	144.9	50.52	147.3	52.65	148.8	52.83	153.6	52.95	157.8	53.37	
90	10	122.4	13.32	146.1	16.02	169.8	18.90	181.5	20.37	192.9	21.93	216.6	24.54	240.6	27.30
	12	122.4	13.50	146.1	16.29	169.8	19.23	181.5	20.79	192.9	22.41	216.6	25.02	240.6	27.78
	14	122.4	13.74	146.1	16.59	169.8	19.62	181.5	21.18	192.9	22.83	216.6	25.50	240.6	28.32
	16	122.4	13.98	146.1	16.92	169.8	20.04	181.5	21.60	192.9	23.22	216.6	25.98	240.6	28.83
	18	122.4	14.22	146.1	17.25	169.8	20.37	181.5	22.08	192.9	23.73	216.6	26.55	240.6	30.27
	20	122.4	14.49	146.1	17.58	169.8	20.79	181.5	22.50	192.9	24.63	216.6	28.41	240.6	31.71
	21	122.4	14.64	146.1	17.76	169.8	21.18	181.5	23.22	192.9	25.53	216.6	28.89	240.6	32.43
	23	122.4	14.97	146.1	18.48	169.8	22.65	181.5	24.96	192.9	27.33	216.6	30.63	237.3	33.96
	25	122.4	15.72	146.1	19.71	169.8	24.21	181.5	26.67	192.9	29.19	216.6	32.76	233.7	35.43
	27	122.4	16.77	146.1	21.03	169.8	25.86	181.5	28.47	192.9	31.26	216.6	34.83	230.4	37.08
	29	122.4	17.76	146.1	22.41	169.8	27.66	181.5	30.42	192.9	33.36	216.6	36.90	226.8	38.58
	31	122.4	18.90	146.1	23.88	169.8	29.46	181.5	32.40	192.9	35.58	216.6	38.73	223.5	40.08
	33	122.4	20.13	146.1	25.44	169.8	31.41	181.5	34.53	192.9	37.74	216.6	40.59	219.9	41.55
	35	122.4	21.36	146.1	27.00	169.8	33.36	181.5	36.81	192.9	40.02	213.0	42.93	216.6	43.92
	37	122.4	22.65	146.1	28.71	169.8	35.58	181.5	39.09	192.9	42.24	209.7	44.88	213.3	45.90
	39	122.4	24.00	146.1	30.54	169.8	37.65	181.5	41.61	192.9	44.43	206.1	47.31	209.7	47.88
	41	119.4	26.85	142.5	33.87	165.6	41.34	176.7	45.51	188.1	47.97	197.4	49.86	201.0	51.00
	43	116.4	28.98	138.9	36.60	161.4	45.15	172.5	49.02	183.3	51.42	189.3	53.40	192.9	54.03
46	108.9	32.61	130.2	41.67	151.2	51.45	161.7	55.56	166.5	57.12	172.8	58.62	176.1	58.71	
48	96.3	28.50	115.2	36.45	133.8	45.00	142.8	48.48	144.6	49.23	150.3	50.46	153.0	50.52	
80	10	108.6	11.13	129.6	13.35	150.6	15.69	161.4	16.92	172.2	18.15	192.9	20.70	213.9	22.47
	12	108.6	11.34	129.6	13.50	150.6	15.99	161.4	17.22	172.2	18.45	192.9	21.09	213.9	22.92
	14	108.6	11.52	129.6	13.83	150.6	16.23	161.4	17.52	172.2	18.75	192.9	21.48	213.9	23.37
	16	108.6	11.67	129.6	14.04	150.6	16.53	161.4	17.85	172.2	19.14	192.9	21.93	213.9	23.79
	18	108.6	11.88	129.6	14.28	150.6	16.83	161.4	18.15	172.2	19.53	192.9	22.32	213.9	24.33
	20	108.6	12.12	129.6	14.58	150.6	17.22	161.4	18.54	172.2	19.92	192.9	23.16	213.9	25.77
	21	108.6	12.21	129.6	14.76	150.6	17.37	161.4	18.75	172.2	20.40	192.9	23.91	213.9	26.46
	23	108.6	12.42	129.6	14.97	150.6	18.15	161.4	19.92	172.2	21.78	192.9	25.23	213.9	27.75
	25	108.6	12.90	129.6	15.99	150.6	19.47	161.4	21.30	172.2	23.31	192.9	27.00	213.9	29.70
	27	108.6	13.68	129.6	16.98	150.6	20.76	161.4	22.77	172.2	24.87	192.9	28.68	213.9	31.23
	29	108.6	14.52	129.6	18.15	150.6	22.08	161.4	24.24	172.2	26.55	192.9	30.75	213.9	33.42
	31	108.6	15.45	129.6	19.23	150.6	23.55	161.4	25.86	172.2	28.26	192.9	32.61	213.9	35.10
	33	108.6	16.38	129.6	20.55	150.6	25.11	161.4	27.57	172.2	30.12	192.9	34.38	213.9	36.81
	35	108.6	17.37	129.6	21.78	150.6	26.73	161.4	29.34	172.2	32.13	192.9	36.45	211.5	38.13
	37	108.6	18.39	129.6	23.16	150.6	28.35	161.4	31.20	172.2	34.14	192.9	38.46	208.2	39.87
	39	108.6	19.41	129.6	24.48	150.6	30.33	161.4	33.54	172.2	36.69	192.9	40.65	204.6	42.06
	41	105.9	21.48	126.3	27.12	146.7	33.27	157.2	36.75	167.7	40.29	188.1	45.24	196.2	46.62
	43	103.2	23.64	123.3	29.61	143.1	36.33	153.3	40.08	163.5	44.04	183.3	48.39	188.1	49.89
46	96.9	26.31	115.5	33.33	134.1	40.92	143.7	44.58	153.3	49.71	167.7	52.83	171.6	53.67	
48	85.8	22.98	102.0	29.16	118.5	35.79	127.2	38.94	135.6	43.50	145.5	45.72	149.1	46.20	

7. Capacity Tables

Cooling Capacity (72HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	95.1	9.72	113.7	11.55	131.7	13.38	141.0	14.46	150.6	15.45	168.6	17.61	187.2	19.68
	12	95.1	9.87	113.7	11.70	131.7	13.71	141.0	14.70	150.6	15.78	168.6	17.91	187.2	20.07
	14	95.1	10.02	113.7	11.85	131.7	13.92	141.0	14.91	150.6	15.99	168.6	18.30	187.2	20.43
	16	95.1	10.17	113.7	12.09	131.7	14.16	141.0	15.24	150.6	16.29	168.6	18.60	187.2	20.88
	18	95.1	10.32	113.7	12.33	131.7	14.46	141.0	15.54	150.6	16.62	168.6	18.90	187.2	21.24
	20	95.1	10.50	113.7	12.54	131.7	14.70	141.0	15.84	150.6	16.98	168.6	19.35	187.2	22.05
	21	95.1	10.65	113.7	12.63	131.7	14.85	141.0	15.99	150.6	17.13	168.6	19.68	187.2	22.50
	23	95.1	10.80	113.7	12.93	131.7	15.15	141.0	16.53	150.6	18.00	168.6	21.06	187.2	23.76
	25	95.1	10.95	113.7	13.38	131.7	16.14	141.0	17.67	150.6	19.20	168.6	22.50	187.2	24.93
	27	95.1	11.55	113.7	14.31	131.7	17.22	141.0	18.75	150.6	20.52	168.6	24.03	187.2	26.49
	29	95.1	12.33	113.7	15.15	131.7	18.30	141.0	19.98	150.6	21.81	168.6	25.65	187.2	28.38
	31	95.1	13.08	113.7	16.14	131.7	19.53	141.0	21.36	150.6	23.28	168.6	27.33	187.2	30.12
	33	95.1	13.86	113.7	17.07	131.7	20.73	141.0	22.65	150.6	24.72	168.6	29.07	187.2	32.04
	35	95.1	14.61	113.7	18.21	131.7	22.05	141.0	24.12	150.6	26.34	168.6	30.99	187.2	33.99
	37	95.1	15.54	113.7	19.29	131.7	23.43	141.0	25.65	150.6	28.02	168.6	33.00	187.2	35.88
	39	95.1	16.50	113.7	20.58	131.7	25.05	141.0	27.60	150.6	30.27	168.6	35.31	187.2	38.67
	41	92.7	18.24	110.7	22.53	128.4	27.48	137.4	30.27	146.7	32.91	164.1	38.79	182.4	41.73
	43	90.3	19.86	108.0	24.57	125.1	29.97	134.1	33.00	143.1	35.91	160.2	42.36	177.9	45.09
46	84.6	22.05	101.4	27.63	117.3	33.75	125.7	36.75	134.1	40.50	150.0	47.79	166.8	50.28	
48	75.0	19.26	89.7	24.12	103.8	29.52	111.3	32.13	118.5	35.43	132.6	41.82	147.6	43.50	
60	10	81.3	8.34	97.2	9.78	113.1	11.37	120.9	12.21	129.0	12.96	144.6	14.73	160.5	16.47
	12	81.3	8.49	97.2	9.93	113.1	11.52	120.9	12.36	129.0	13.20	144.6	14.94	160.5	16.77
	14	81.3	8.58	97.2	10.08	113.1	11.76	120.9	12.60	129.0	13.44	144.6	15.24	160.5	17.07
	16	81.3	8.73	97.2	10.32	113.1	11.91	120.9	12.81	129.0	13.74	144.6	15.54	160.5	17.37
	18	81.3	8.88	97.2	10.47	113.1	12.15	120.9	13.05	129.0	13.95	144.6	15.78	160.5	17.76
	20	81.3	9.03	97.2	10.62	113.1	12.36	120.9	13.26	129.0	14.19	144.6	16.08	160.5	18.12
	21	81.3	9.09	97.2	10.71	113.1	12.51	120.9	13.44	129.0	14.34	144.6	16.32	160.5	18.27
	23	81.3	9.24	97.2	10.92	113.1	12.66	120.9	13.65	129.0	14.64	144.6	16.92	160.5	19.41
	25	81.3	9.42	97.2	11.16	113.1	13.20	120.9	14.34	129.0	15.54	144.6	18.06	160.5	20.79
	27	81.3	9.72	97.2	11.76	113.1	14.04	120.9	15.24	129.0	16.53	144.6	19.20	160.5	22.14
	29	81.3	10.32	97.2	12.51	113.1	14.94	120.9	16.23	129.0	17.61	144.6	20.49	160.5	23.67
	31	81.3	10.92	97.2	13.26	113.1	15.84	120.9	17.28	129.0	18.75	144.6	21.84	160.5	25.17
	33	81.3	11.52	97.2	14.04	113.1	16.83	120.9	18.36	129.0	19.95	144.6	23.22	160.5	26.85
	35	81.3	12.21	97.2	14.94	113.1	17.91	120.9	19.50	129.0	21.15	144.6	24.72	160.5	28.53
	37	81.3	12.90	97.2	15.78	113.1	18.96	120.9	20.70	129.0	22.44	144.6	26.25	160.5	30.33
	39	81.3	13.71	97.2	16.80	113.1	20.46	120.9	22.23	129.0	24.15	144.6	28.14	160.5	32.52
	41	79.2	14.88	94.8	18.36	110.1	22.23	117.9	24.27	125.7	26.22	141.0	30.87	156.6	35.34
	43	77.4	16.17	92.4	20.01	107.4	24.24	114.9	26.46	122.4	28.59	137.4	33.72	152.7	38.58
46	72.6	18.09	86.7	22.47	100.8	27.24	107.7	29.73	114.9	32.19	129.0	37.98	143.1	43.98	
48	64.2	15.78	76.5	19.59	89.1	23.82	95.4	25.98	101.4	28.11	114.0	33.21	126.6	38.46	
50	10	68.1	7.14	81.3	8.28	94.2	9.39	100.8	10.08	107.4	10.68	120.3	12.03	133.8	13.38
	12	68.1	7.23	81.3	8.34	94.2	9.54	100.8	10.23	107.4	10.89	120.3	12.24	133.8	13.62
	14	68.1	7.29	81.3	8.49	94.2	9.69	100.8	10.38	107.4	11.04	120.3	12.39	133.8	13.83
	16	68.1	7.44	81.3	8.64	94.2	9.84	100.8	10.59	107.4	11.19	120.3	12.63	133.8	14.07
	18	68.1	7.53	81.3	8.73	94.2	9.99	100.8	10.74	107.4	11.43	120.3	12.84	133.8	14.37
	20	68.1	7.59	81.3	8.88	94.2	10.23	100.8	10.89	107.4	11.64	120.3	13.08	133.8	14.67
	21	68.1	7.68	81.3	8.94	94.2	10.29	100.8	11.04	107.4	11.73	120.3	13.23	133.8	14.82
	23	68.1	7.83	81.3	9.09	94.2	10.44	100.8	11.19	107.4	11.94	120.3	13.47	133.8	15.12
	25	68.1	7.89	81.3	9.24	94.2	10.68	100.8	11.43	107.4	12.33	120.3	14.13	133.8	16.17
	27	68.1	8.04	81.3	9.54	94.2	11.28	100.8	12.18	107.4	13.08	120.3	15.12	133.8	17.22
	29	68.1	8.49	81.3	10.14	94.2	11.94	100.8	12.93	107.4	13.92	120.3	16.02	133.8	18.27
	31	68.1	8.94	81.3	10.74	94.2	12.69	100.8	13.68	107.4	14.82	120.3	17.07	133.8	19.47
	33	68.1	9.48	81.3	11.34	94.2	13.47	100.8	14.52	107.4	15.72	120.3	18.12	133.8	20.76
	35	68.1	9.99	81.3	12.03	94.2	14.22	100.8	15.42	107.4	16.62	120.3	19.17	133.8	22.02
	37	68.1	10.59	81.3	12.69	94.2	15.03	100.8	16.32	107.4	17.58	120.3	20.46	133.8	23.37
	39	68.1	11.31	81.3	13.62	94.2	16.11	100.8	17.55	107.4	18.87	120.3	21.78	133.8	25.26
	41	66.3	12.24	79.2	14.73	91.8	17.61	98.1	19.02	104.4	20.46	117.3	23.88	130.5	27.42
	43	64.8	13.29	77.4	16.02	89.7	19.17	95.7	20.70	102.0	22.26	114.3	26.04	127.2	29.91
46	60.6	14.88	72.6	17.97	84.0	21.51	89.7	23.25	95.4	24.99	107.1	29.28	119.4	33.69	
48	53.7	12.96	64.2	15.69	74.4	18.75	79.5	20.31	84.6	21.81	94.8	25.59	105.6	29.43	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

7.1.4 4 Units Combination

◆ ARUM740BTE5

Cooling Capacity (74HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	189.3	20.66	225.7	25.25	241.7	29.28	248.8	29.89	255.7	30.13	268.0	30.36	275.0	30.48
	12	189.3	21.16	225.7	26.16	241.7	30.48	248.8	30.69	255.7	30.93	268.0	31.18	275.0	31.45
	14	189.3	21.88	225.7	27.10	241.7	31.63	248.8	31.86	255.7	32.13	268.0	32.36	275.0	32.67
	16	189.3	22.68	225.7	28.04	241.7	33.04	248.8	33.37	255.7	33.63	268.0	33.93	275.0	34.20
	18	189.3	23.63	225.7	29.66	241.7	34.57	248.8	35.31	255.7	35.60	268.0	35.96	275.0	36.19
	20	189.3	24.66	225.7	31.60	241.7	36.28	248.8	38.84	255.7	39.16	264.2	39.55	271.1	39.81
	21	189.3	25.31	225.7	32.71	241.7	37.04	248.8	41.11	255.7	41.43	262.7	41.85	269.5	42.14
	23	189.3	27.17	225.7	34.40	241.7	38.96	248.8	45.37	252.5	45.72	258.7	46.19	265.8	46.49
	25	189.3	29.01	225.7	36.39	241.7	41.64	245.8	50.31	248.8	50.72	255.7	51.22	262.7	51.57
	27	189.3	31.04	225.7	38.90	238.7	44.37	241.7	55.38	245.8	55.82	252.5	56.38	258.7	56.76
	29	189.3	33.08	225.7	41.58	234.9	47.73	238.3	60.87	241.7	61.23	248.8	61.79	255.7	62.03
	31	189.3	35.30	224.8	43.81	231.0	50.78	234.9	60.61	238.3	60.97	244.8	61.52	251.8	61.76
	33	189.3	37.61	221.0	46.40	227.9	54.46	231.6	60.05	234.9	60.44	241.7	60.96	247.9	61.20
	35	189.3	40.10	217.1	48.61	224.1	58.99	227.9	59.28	231.6	59.64	238.0	60.17	244.8	60.40
	37	189.3	42.76	214.0	51.01	221.0	58.20	224.1	58.50	227.9	58.85	234.1	59.37	241.1	59.61
	39	189.3	45.55	210.3	53.70	217.1	57.43	221.0	57.71	224.1	58.06	231.0	58.58	238.0	58.81
	41	184.6	48.31	201.6	56.37	208.4	56.64	211.5	56.93	215.6	57.26	222.0	57.79	228.2	58.02
	43	180.1	50.95	193.0	55.58	199.8	55.87	202.9	56.14	206.9	56.49	213.4	56.99	219.2	57.20
	46	168.7	54.53	176.1	54.43	182.5	54.69	185.4	54.96	189.3	55.31	195.2	55.79	200.7	56.02
	48	149.2	53.02	152.9	53.17	158.7	53.29	161.2	53.43	164.7	53.90	170.0	54.23	174.8	54.44
120	10	175.1	18.59	208.4	22.78	227.6	27.07	234.6	29.28	241.5	29.72	254.7	29.84	260.9	30.07
	12	175.1	19.09	208.4	23.57	227.6	28.16	234.6	29.89	241.5	30.83	254.7	31.19	260.9	31.45
	14	175.1	19.74	208.4	24.36	227.6	29.30	234.6	31.01	241.5	31.95	254.7	32.42	260.9	32.69
	16	175.1	20.45	208.4	25.35	227.6	30.43	234.6	32.16	241.5	33.43	254.7	33.84	260.9	34.10
	18	175.1	21.25	208.4	26.49	227.6	31.66	234.6	33.87	241.5	35.15	254.7	35.54	260.9	35.83
	20	175.1	22.06	208.4	28.10	227.6	33.37	234.6	35.63	241.5	37.01	254.7	37.49	260.9	37.80
	21	175.1	22.74	208.4	29.10	227.6	34.28	234.6	36.69	241.5	38.23	254.7	38.72	260.9	39.02
	23	175.1	24.30	208.4	31.14	227.6	36.75	234.6	38.98	241.5	40.75	254.7	41.17	260.9	41.49
	25	175.1	25.95	208.4	33.37	227.6	38.75	234.6	41.55	241.5	43.69	251.6	44.08	257.8	44.43
	27	175.1	27.71	208.4	35.67	227.6	41.25	234.6	44.40	241.5	46.96	247.7	47.29	254.0	47.66
	29	175.1	29.57	208.4	38.07	227.6	43.40	234.6	47.52	237.7	50.06	243.8	50.81	250.7	51.22
	31	175.1	31.51	208.4	40.66	227.6	45.64	231.5	50.91	234.6	53.70	240.8	54.65	246.9	55.08
	33	175.1	33.54	208.4	43.34	224.5	48.28	227.6	55.25	230.6	57.65	236.8	58.31	243.0	58.78
	35	175.1	35.67	208.4	46.19	220.8	51.11	223.8	60.87	227.6	61.17	233.7	61.35	239.9	61.85
	37	175.1	38.36	208.4	48.76	217.7	54.49	220.8	59.59	223.8	59.88	230.0	60.05	236.2	60.55
	39	175.1	41.31	207.6	51.52	213.7	57.79	216.8	58.37	219.9	58.66	226.9	58.84	233.1	59.29
	41	170.8	44.25	198.6	54.29	205.3	56.64	208.1	57.14	211.1	57.44	217.3	57.61	223.5	58.06
	43	166.5	47.22	190.2	53.52	196.7	55.38	199.6	55.91	202.6	56.20	208.5	56.37	214.6	56.82
	46	156.0	50.78	173.3	52.25	179.7	53.64	182.3	54.08	185.0	54.34	190.8	54.52	196.4	54.94
	48	138.1	49.73	150.5	51.32	156.3	52.58	158.5	52.91	161.0	53.08	165.9	53.29	170.8	53.51
110	10	160.3	16.71	191.2	20.37	213.4	24.19	219.5	26.19	233.5	28.19	238.9	28.98	255.1	29.45
	12	160.3	17.24	191.2	21.07	213.4	25.21	219.5	26.92	233.5	29.24	238.9	30.19	255.1	30.89
	14	160.3	17.78	191.2	22.00	213.4	26.34	219.5	28.27	233.5	30.72	238.9	31.60	255.1	32.27
	16	160.3	18.42	191.2	22.81	213.4	27.42	219.5	29.51	233.5	32.13	238.9	33.02	255.1	33.60
	18	160.3	19.09	191.2	23.77	213.4	29.01	219.5	31.07	233.5	33.89	238.9	34.57	255.1	35.22
	20	160.3	19.77	191.2	24.95	213.4	30.77	219.5	32.49	233.5	35.54	238.9	36.43	255.1	37.01
	21	160.3	20.22	191.2	25.68	213.4	31.57	219.5	33.37	233.5	36.54	238.9	37.46	255.1	38.05
	23	160.3	21.53	191.2	27.54	213.4	33.33	219.5	35.22	233.5	38.60	238.9	39.43	255.1	40.07
	25	160.3	23.01	191.2	29.39	213.4	35.19	219.5	37.24	233.5	40.78	238.9	41.37	252.0	42.22
	27	160.3	24.57	191.2	31.43	213.4	37.20	219.5	39.43	233.5	42.60	238.9	43.57	248.3	44.31
	29	160.3	26.24	191.2	33.54	213.4	39.31	219.5	41.75	233.5	45.01	238.9	45.78	245.1	46.48
	31	160.3	27.90	191.2	35.75	213.4	41.54	219.5	44.23	229.7	47.31	235.8	48.22	241.1	48.72
	33	160.3	29.75	191.2	38.07	213.4	43.90	219.5	46.87	226.6	49.96	231.9	50.78	238.0	51.05
	35	160.3	31.60	191.2	40.66	213.4	46.34	219.5	49.67	222.6	52.72	228.2	53.20	234.3	53.47
	37	160.3	33.48	191.2	43.16	213.4	48.93	216.5	52.61	218.9	55.60	225.1	55.79	230.4	55.94
	39	160.3	36.10	191.2	45.84	209.7	51.63	212.7	56.28	215.8	58.35	221.1	58.44	227.3	58.50
	41	156.3	38.73	186.2	48.55	200.7	54.44	203.8	60.87	206.4	60.87	212.5	61.35	217.7	61.85
	43	152.3	40.67	181.7	50.58	192.4	57.73	195.5	58.38	198.0	58.26	203.9	58.58	209.0	58.76
	46	142.8	39.70	170.2	48.84	175.4	54.79	178.5	54.79	180.7	55.26	186.3	55.58	191.2	55.73
	48	126.4	38.54	148.0	47.04	152.3	52.13	155.2	52.48	157.2	52.73	162.2	52.87	166.3	53.10

7. Capacity Tables

Cooling Capacity (74HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	140.0	15.06	166.5	18.30	193.9	21.71	207.2	23.45	220.5	25.19	244.5	28.04	249.8	28.27
	12	140.0	15.53	166.5	19.04	193.9	22.45	207.2	24.09	220.5	26.01	244.5	29.57	249.8	29.86
	14	140.0	16.01	166.5	19.81	193.9	23.39	207.2	25.12	220.5	27.13	244.5	31.22	249.8	31.51
	16	140.0	16.50	166.5	20.45	193.9	24.39	207.2	26.31	220.5	28.58	244.5	32.72	249.8	33.19
	18	140.0	17.00	166.5	21.22	193.9	25.33	207.2	27.60	220.5	30.31	244.5	34.57	249.8	34.84
	20	140.0	17.60	166.5	22.02	193.9	26.80	207.2	29.57	220.5	32.42	244.5	36.22	249.8	36.52
	21	140.0	17.97	166.5	22.54	193.9	27.71	207.2	30.58	220.5	33.63	244.5	37.05	249.8	37.34
	23	140.0	19.04	166.5	24.13	193.9	29.75	207.2	32.81	220.5	36.04	244.5	38.81	249.8	39.10
	25	140.0	20.24	166.5	25.68	193.9	31.78	207.2	35.11	220.5	38.54	244.5	40.46	247.9	40.78
	27	140.0	21.63	166.5	27.44	193.9	34.01	207.2	37.51	220.5	40.96	239.9	42.37	244.8	42.70
	29	140.0	23.01	166.5	29.30	193.9	36.31	207.2	40.10	220.5	43.36	235.3	44.07	241.1	44.42
	31	140.0	24.57	166.5	31.22	193.9	38.72	207.2	42.78	220.5	45.55	231.8	45.76	237.4	46.13
	33	140.0	26.07	166.5	33.27	193.9	41.31	207.2	45.64	220.5	47.28	228.1	47.46	233.7	47.85
	35	140.0	27.71	166.5	35.40	193.9	43.98	207.2	48.70	217.1	48.99	223.9	49.17	229.6	49.58
	37	140.0	29.69	166.5	37.96	193.9	46.58	207.2	51.01	213.6	51.26	219.8	51.47	225.1	51.96
	39	140.0	31.84	166.5	40.78	193.9	49.37	207.2	53.51	210.0	53.76	216.2	53.93	221.4	54.46
	41	137.5	33.96	163.8	43.60	190.8	52.15	198.8	55.99	203.1	56.22	207.8	56.43	214.6	56.96
	43	132.9	35.96	158.2	46.22	184.4	54.65	190.6	58.14	192.8	58.35	198.8	58.55	204.1	59.08
46	124.6	38.67	148.3	49.81	172.7	57.96	173.9	60.87	176.0	61.06	181.6	61.23	186.5	61.81	
48	110.1	33.39	131.1	43.11	149.0	49.55	151.3	51.64	152.9	51.82	157.9	51.94	162.2	52.34	
90	10	125.8	12.97	150.2	15.60	174.5	18.40	186.5	19.83	198.3	21.35	222.6	23.90	247.3	26.58
	12	125.8	13.14	150.2	15.85	174.5	18.72	186.5	20.24	198.3	21.82	222.6	24.36	247.3	27.05
	14	125.8	13.38	150.2	16.16	174.5	19.11	186.5	20.63	198.3	22.23	222.6	24.83	247.3	27.58
	16	125.8	13.61	150.2	16.47	174.5	19.51	186.5	21.03	198.3	22.61	222.6	25.30	247.3	28.06
	18	125.8	13.85	150.2	16.80	174.5	19.83	186.5	21.50	198.3	23.10	222.6	25.86	247.3	29.48
	20	125.8	14.10	150.2	17.12	174.5	20.24	186.5	21.91	198.3	23.98	222.6	27.67	247.3	30.88
	21	125.8	14.25	150.2	17.29	174.5	20.63	186.5	22.61	198.3	24.85	222.6	28.13	247.3	31.58
	23	125.8	14.58	150.2	17.99	174.5	22.05	186.5	24.30	198.3	26.61	222.6	29.83	243.8	33.07
	25	125.8	15.30	150.2	19.19	174.5	23.57	186.5	25.96	198.3	28.43	222.6	31.89	240.3	34.50
	27	125.8	16.33	150.2	20.48	174.5	25.18	186.5	27.72	198.3	30.43	222.6	33.91	236.8	36.11
	29	125.8	17.29	150.2	21.82	174.5	26.93	186.5	29.62	198.3	32.49	222.6	35.92	233.1	37.57
	31	125.8	18.40	150.2	23.26	174.5	28.68	186.5	31.54	198.3	34.65	222.6	37.71	229.7	39.03
	33	125.8	19.60	150.2	24.77	174.5	30.59	186.5	33.62	198.3	36.75	222.6	39.53	226.1	40.46
	35	125.8	20.79	150.2	26.29	174.5	32.49	186.5	35.84	198.3	38.97	218.9	41.81	222.6	42.76
	37	125.8	22.05	150.2	27.96	174.5	34.65	186.5	38.07	198.3	41.13	215.4	43.70	219.2	44.69
	39	125.8	23.37	150.2	29.73	174.5	36.66	186.5	40.51	198.3	43.26	211.9	46.07	215.6	46.63
	41	122.7	26.14	146.4	32.98	170.2	40.25	181.7	44.31	193.3	46.71	202.9	48.55	206.6	49.66
	43	119.6	28.22	142.7	35.63	165.9	43.97	177.2	47.72	188.5	50.07	194.6	52.00	198.2	52.62
46	112.0	31.75	133.8	40.57	155.4	50.09	166.1	54.10	171.2	55.62	177.6	57.08	181.0	57.17	
48	99.1	27.75	118.4	35.49	137.5	43.82	146.8	47.20	148.6	47.94	154.4	49.14	157.3	49.19	
80	10	111.6	10.91	133.2	13.08	154.8	15.37	165.9	16.57	177.0	17.78	198.3	20.28	219.8	22.02
	12	111.6	11.12	133.2	13.23	154.8	15.67	165.9	16.88	177.0	18.08	198.3	20.67	219.8	22.46
	14	111.6	11.28	133.2	13.55	154.8	15.90	165.9	17.17	177.0	18.38	198.3	21.04	219.8	22.89
	16	111.6	11.43	133.2	13.76	154.8	16.20	165.9	17.49	177.0	18.76	198.3	21.49	219.8	23.32
	18	111.6	11.65	133.2	13.99	154.8	16.49	165.9	17.78	177.0	19.14	198.3	21.87	219.8	23.83
	20	111.6	11.88	133.2	14.29	154.8	16.88	165.9	18.17	177.0	19.52	198.3	22.70	219.8	25.25
	21	111.6	11.96	133.2	14.46	154.8	17.02	165.9	18.38	177.0	19.99	198.3	23.42	219.8	25.92
	23	111.6	12.18	133.2	14.67	154.8	17.78	165.9	19.52	177.0	21.34	198.3	24.72	219.8	27.20
	25	111.6	12.64	133.2	15.67	154.8	19.07	165.9	20.88	177.0	22.85	198.3	26.46	219.8	29.10
	27	111.6	13.40	133.2	16.64	154.8	20.35	165.9	22.31	177.0	24.37	198.3	28.11	219.8	30.60
	29	111.6	14.23	133.2	17.78	154.8	21.64	165.9	23.75	177.0	26.02	198.3	30.13	219.8	32.75
	31	111.6	15.14	133.2	18.84	154.8	23.07	165.9	25.35	177.0	27.69	198.3	31.96	219.8	34.39
	33	111.6	16.05	133.2	20.14	154.8	24.61	165.9	27.01	177.0	29.51	198.3	33.69	219.8	36.07
	35	111.6	17.02	133.2	21.34	154.8	26.19	165.9	28.75	177.0	31.48	198.3	35.72	217.4	37.37
	37	111.6	18.02	133.2	22.69	154.8	27.77	165.9	30.57	177.0	33.45	198.3	37.69	214.0	39.07
	39	111.6	19.03	133.2	23.99	154.8	29.72	165.9	32.87	177.0	35.95	198.3	39.83	210.3	41.22
	41	108.9	21.05	129.8	26.58	150.7	32.60	161.6	36.01	172.3	39.48	193.3	44.32	201.6	45.68
	43	106.1	23.17	126.6	29.02	147.0	35.60	157.5	39.27	168.1	43.15	188.5	47.42	193.3	48.89
46	99.5	25.78	118.6	32.67	137.8	40.10	147.6	43.69	157.5	48.71	172.3	51.77	176.4	52.59	
48	88.2	22.52	104.9	28.57	121.9	35.07	130.7	38.16	139.4	42.62	149.6	44.81	153.3	45.27	

7. Capacity Tables

Cooling Capacity (74HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	97.7	9.58	116.9	11.40	135.4	13.20	144.9	14.26	154.8	15.24	173.3	17.37	192.4	19.41
	12	97.7	9.73	116.9	11.54	135.4	13.52	144.9	14.50	154.8	15.56	173.3	17.67	192.4	19.79
	14	97.7	9.89	116.9	11.69	135.4	13.73	144.9	14.71	154.8	15.77	173.3	18.04	192.4	20.15
	16	97.7	10.03	116.9	11.93	135.4	13.97	144.9	15.03	154.8	16.07	173.3	18.34	192.4	20.59
	18	97.7	10.18	116.9	12.16	135.4	14.26	144.9	15.32	154.8	16.39	173.3	18.64	192.4	20.94
	20	97.7	10.35	116.9	12.37	135.4	14.50	144.9	15.63	154.8	16.75	173.3	19.09	192.4	21.74
	21	97.7	10.50	116.9	12.46	135.4	14.65	144.9	15.77	154.8	16.90	173.3	19.41	192.4	22.19
	23	97.7	10.65	116.9	12.75	135.4	14.94	144.9	16.30	154.8	17.75	173.3	20.76	192.4	23.43
	25	97.7	10.79	116.9	13.20	135.4	15.92	144.9	17.43	154.8	18.94	173.3	22.19	192.4	24.58
	27	97.7	11.40	116.9	14.12	135.4	16.98	144.9	18.49	154.8	20.23	173.3	23.70	192.4	26.13
	29	97.7	12.16	116.9	14.94	135.4	18.04	144.9	19.70	154.8	21.51	173.3	25.29	192.4	27.99
	31	97.7	12.90	116.9	15.92	135.4	19.26	144.9	21.06	154.8	22.96	173.3	26.95	192.4	29.70
	33	97.7	13.67	116.9	16.83	135.4	20.45	144.9	22.34	154.8	24.38	173.3	28.67	192.4	31.60
	35	97.7	14.41	116.9	17.96	135.4	21.74	144.9	23.78	154.8	25.97	173.3	30.56	192.4	33.52
	37	97.7	15.32	116.9	19.02	135.4	23.11	144.9	25.29	154.8	27.63	173.3	32.54	192.4	35.38
	39	97.7	16.27	116.9	20.29	135.4	24.70	144.9	27.21	154.8	29.85	173.3	34.82	192.4	38.14
	41	95.2	17.98	113.9	22.23	132.0	27.09	141.2	29.85	150.7	32.45	168.7	38.25	187.5	41.15
	43	92.9	19.59	111.0	24.23	128.6	29.56	137.9	32.54	147.0	35.42	164.6	41.78	182.8	44.47
46	87.0	21.75	104.2	27.25	120.6	33.28	129.1	36.24	137.8	39.94	154.2	47.13	171.4	49.58	
48	77.1	19.00	92.1	23.79	106.7	29.11	114.3	31.68	121.9	34.94	136.3	41.24	151.7	42.90	
60	10	83.6	8.28	99.9	9.71	116.2	11.29	124.3	12.13	132.6	12.87	148.6	14.62	165.0	16.34
	12	83.6	8.43	99.9	9.86	116.2	11.44	124.3	12.27	132.6	13.10	148.6	14.83	165.0	16.65
	14	83.6	8.51	99.9	10.01	116.2	11.67	124.3	12.50	132.6	13.33	148.6	15.13	165.0	16.94
	16	83.6	8.67	99.9	10.24	116.2	11.82	124.3	12.72	132.6	13.64	148.6	15.43	165.0	17.24
	18	83.6	8.81	99.9	10.40	116.2	12.05	124.3	12.95	132.6	13.84	148.6	15.67	165.0	17.63
	20	83.6	8.96	99.9	10.54	116.2	12.27	124.3	13.17	132.6	14.08	148.6	15.96	165.0	17.99
	21	83.6	9.03	99.9	10.63	116.2	12.42	124.3	13.33	132.6	14.23	148.6	16.20	165.0	18.14
	23	83.6	9.18	99.9	10.84	116.2	12.57	124.3	13.55	132.6	14.53	148.6	16.79	165.0	19.27
	25	83.6	9.34	99.9	11.07	116.2	13.10	124.3	14.23	132.6	15.43	148.6	17.93	165.0	20.64
	27	83.6	9.65	99.9	11.67	116.2	13.94	124.3	15.13	132.6	16.41	148.6	19.05	165.0	21.98
	29	83.6	10.24	99.9	12.42	116.2	14.83	124.3	16.12	132.6	17.48	148.6	20.33	165.0	23.49
	31	83.6	10.84	99.9	13.17	116.2	15.73	124.3	17.16	132.6	18.60	148.6	21.68	165.0	24.99
	33	83.6	11.44	99.9	13.94	116.2	16.71	124.3	18.22	132.6	19.80	148.6	23.04	165.0	26.66
	35	83.6	12.13	99.9	14.83	116.2	17.77	124.3	19.36	132.6	21.00	148.6	24.54	165.0	28.31
	37	83.6	12.80	99.9	15.66	116.2	18.82	124.3	20.55	132.6	22.28	148.6	26.05	165.0	30.11
	39	83.6	13.61	99.9	16.67	116.2	20.31	124.3	22.06	132.6	23.98	148.6	27.93	165.0	32.28
	41	81.4	14.77	97.4	18.23	113.2	22.06	121.1	24.09	129.1	26.03	144.9	30.65	160.9	35.07
	43	79.5	16.05	95.0	19.86	110.4	24.06	118.2	26.26	125.8	28.39	141.2	33.46	156.9	38.30
46	74.6	17.96	89.0	22.30	103.6	27.05	110.7	29.51	118.0	31.95	132.6	37.70	147.0	43.65	
48	66.0	15.66	78.7	19.45	91.5	23.65	98.0	25.79	104.2	27.91	117.2	32.97	130.1	38.18	
50	10	69.9	7.14	83.6	8.27	96.8	9.39	103.6	10.07	110.4	10.67	123.6	12.02	137.5	13.37
	12	69.9	7.22	83.6	8.33	96.8	9.53	103.6	10.22	110.4	10.89	123.6	12.23	137.5	13.60
	14	69.9	7.28	83.6	8.48	96.8	9.69	103.6	10.37	110.4	11.03	123.6	12.39	137.5	13.82
	16	69.9	7.44	83.6	8.64	96.8	9.83	103.6	10.58	110.4	11.19	123.6	12.62	137.5	14.05
	18	69.9	7.52	83.6	8.72	96.8	9.98	103.6	10.73	110.4	11.42	123.6	12.83	137.5	14.35
	20	69.9	7.58	83.6	8.86	96.8	10.22	103.6	10.89	110.4	11.64	123.6	13.07	137.5	14.66
	21	69.9	7.67	83.6	8.94	96.8	10.28	103.6	11.03	110.4	11.72	123.6	13.22	137.5	14.80
	23	69.9	7.82	83.6	9.08	96.8	10.44	103.6	11.19	110.4	11.94	123.6	13.46	137.5	15.10
	25	69.9	7.89	83.6	9.23	96.8	10.67	103.6	11.42	110.4	12.32	123.6	14.12	137.5	16.16
	27	69.9	8.03	83.6	9.53	96.8	11.27	103.6	12.17	110.4	13.07	123.6	15.10	137.5	17.20
	29	69.9	8.48	83.6	10.14	96.8	11.94	103.6	12.92	110.4	13.91	123.6	16.00	137.5	18.25
	31	69.9	8.94	83.6	10.73	96.8	12.69	103.6	13.67	110.4	14.80	123.6	17.05	137.5	19.45
	33	69.9	9.47	83.6	11.33	96.8	13.46	103.6	14.50	110.4	15.71	123.6	18.10	137.5	20.74
	35	69.9	9.98	83.6	12.02	96.8	14.21	103.6	15.41	110.4	16.60	123.6	19.16	137.5	22.00
	37	69.9	10.58	83.6	12.69	96.8	15.02	103.6	16.30	110.4	17.56	123.6	20.44	137.5	23.36
	39	69.9	11.30	83.6	13.61	96.8	16.10	103.6	17.54	110.4	18.86	123.6	21.76	137.5	25.24
	41	68.1	12.23	81.4	14.72	94.4	17.60	100.9	19.00	107.3	20.44	120.5	23.86	134.1	27.40
	43	66.6	13.28	79.5	16.01	92.1	19.16	98.4	20.68	104.8	22.24	117.4	26.01	130.7	29.89
46	62.3	14.87	74.6	17.96	86.3	21.49	92.3	23.23	98.1	24.98	110.0	29.26	122.7	33.66	
48	55.1	12.95	66.0	15.67	76.4	18.74	81.6	20.29	86.9	21.79	97.4	25.57	108.5	29.40	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM760BTE5

Cooling Capacity (76HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	194.5	21.52	231.8	26.30	248.3	30.50	255.5	31.14	262.6	31.38	275.2	31.62	282.4	31.75
	12	194.5	22.04	231.8	27.24	248.3	31.75	255.5	31.96	262.6	32.22	275.2	32.48	282.4	32.76
	14	194.5	22.79	231.8	28.23	248.3	32.95	255.5	33.19	262.6	33.47	275.2	33.71	282.4	34.03
	16	194.5	23.63	231.8	29.21	248.3	34.42	255.5	34.76	262.6	35.03	275.2	35.34	282.4	35.62
	18	194.5	24.61	231.8	30.89	248.3	36.01	255.5	36.78	262.6	37.09	275.2	37.45	282.4	37.70
	20	194.5	25.69	231.8	32.91	248.3	37.79	255.5	40.45	262.6	40.79	271.3	41.20	278.4	41.47
	21	194.5	26.36	231.8	34.08	248.3	38.58	255.5	42.82	262.6	43.16	269.8	43.59	276.8	43.89
	23	194.5	28.30	231.8	35.84	248.3	40.58	255.5	47.26	259.3	47.62	265.7	48.11	272.9	48.42
	25	194.5	30.22	231.8	37.91	248.3	43.37	252.4	52.40	255.5	52.83	262.6	53.35	269.8	53.72
	27	194.5	32.33	231.8	40.52	245.1	46.22	248.3	57.68	252.4	58.15	259.3	58.73	265.7	59.12
	29	194.5	34.46	231.8	43.31	241.3	49.71	244.7	63.41	248.3	63.78	255.5	64.36	262.6	64.61
	31	194.5	36.77	230.9	45.64	237.2	52.89	241.3	63.13	244.7	63.51	251.4	64.08	258.6	64.33
	33	194.5	39.17	227.0	48.34	234.1	56.73	237.9	62.55	241.3	62.95	248.3	63.50	254.6	63.75
	35	194.5	41.77	222.9	50.63	230.1	61.45	234.1	61.75	237.9	62.12	244.4	62.67	251.4	62.92
	37	194.5	44.54	219.8	53.14	227.0	60.63	230.1	60.93	234.1	61.30	240.4	61.84	247.6	62.09
	39	194.5	47.44	216.0	55.93	222.9	59.82	227.0	60.11	230.1	60.47	237.2	61.02	244.4	61.26
	41	189.6	50.32	207.1	58.72	214.0	59.00	217.2	59.30	221.4	59.64	228.0	60.19	234.3	60.43
	43	184.9	53.07	198.3	57.90	205.2	58.20	208.4	58.48	212.5	58.84	219.1	59.36	225.1	59.58
46	173.3	56.80	180.9	56.69	187.5	56.97	190.4	57.25	194.4	57.61	200.5	58.11	206.1	58.35	
48	153.3	55.22	157.1	55.38	163.0	55.50	165.6	55.66	169.1	56.15	174.5	56.49	179.5	56.71	
120	10	179.9	19.36	214.0	23.73	233.7	28.20	240.9	30.49	248.0	30.95	261.6	31.08	267.9	31.32
	12	179.9	19.88	214.0	24.55	233.7	29.33	240.9	31.14	248.0	32.11	261.6	32.49	267.9	32.76
	14	179.9	20.57	214.0	25.37	233.7	30.52	240.9	32.31	248.0	33.28	261.6	33.77	267.9	34.05
	16	179.9	21.30	214.0	26.41	233.7	31.70	240.9	33.50	248.0	34.82	261.6	35.25	267.9	35.52
	18	179.9	22.14	214.0	27.59	233.7	32.97	240.9	35.28	248.0	36.62	261.6	37.02	267.9	37.33
	20	179.9	22.98	214.0	29.27	233.7	34.76	240.9	37.11	248.0	38.55	261.6	39.05	267.9	39.37
	21	179.9	23.69	214.0	30.31	233.7	35.71	240.9	38.21	248.0	39.82	261.6	40.33	267.9	40.64
	23	179.9	25.31	214.0	32.43	233.7	38.28	240.9	40.60	248.0	42.45	261.6	42.88	267.9	43.22
	25	179.9	27.03	214.0	34.76	233.7	40.36	240.9	43.28	248.0	45.51	258.4	45.91	264.7	46.28
	27	179.9	28.87	214.0	37.15	233.7	42.97	240.9	46.25	248.0	48.92	254.4	49.25	260.9	49.65
	29	179.9	30.80	214.0	39.65	233.7	45.21	240.9	49.50	244.1	52.14	250.4	52.92	257.5	53.35
	31	179.9	32.82	214.0	42.35	233.7	47.54	237.8	53.02	240.9	55.93	247.3	56.92	253.6	57.38
	33	179.9	34.94	214.0	45.14	230.6	50.29	233.7	57.55	236.9	60.05	243.2	60.74	249.6	61.23
	35	179.9	37.15	214.0	48.12	226.7	53.24	229.9	63.41	233.7	63.71	240.1	63.90	246.4	64.42
	37	179.9	39.96	214.0	50.78	223.5	56.76	226.7	62.07	229.9	62.37	236.2	62.55	242.6	63.07
	39	179.9	43.03	213.2	53.67	219.5	60.20	222.7	60.80	225.8	61.11	233.1	61.29	239.4	61.76
	41	175.4	46.09	203.9	56.55	210.9	59.00	213.7	59.51	216.9	59.83	223.2	60.00	229.5	60.47
	43	171.0	49.19	195.3	55.75	202.0	57.68	205.0	58.24	208.1	58.54	214.1	58.72	220.4	59.18
46	160.2	52.90	178.0	54.43	184.6	55.87	187.2	56.33	190.0	56.61	195.9	56.79	201.7	57.23	
48	141.8	51.80	154.6	53.45	160.5	54.77	162.8	55.11	165.3	55.29	170.4	55.51	175.5	55.74	
110	10	164.7	17.41	196.3	21.21	219.2	25.20	225.5	27.28	239.8	29.36	245.4	30.19	261.9	30.68
	12	164.7	17.96	196.3	21.94	219.2	26.26	225.5	28.05	239.8	30.46	245.4	31.45	261.9	32.18
	14	164.7	18.52	196.3	22.92	219.2	27.44	225.5	29.45	239.8	32.00	245.4	32.91	261.9	33.62
	16	164.7	19.19	196.3	23.76	219.2	28.57	225.5	30.74	239.8	33.47	245.4	34.39	261.9	35.00
	18	164.7	19.88	196.3	24.76	219.2	30.22	225.5	32.37	239.8	35.31	245.4	36.01	261.9	36.68
	20	164.7	20.59	196.3	25.99	219.2	32.05	225.5	33.84	239.8	37.02	245.4	37.95	261.9	38.55
	21	164.7	21.06	196.3	26.75	219.2	32.88	225.5	34.76	239.8	38.06	245.4	39.02	261.9	39.63
	23	164.7	22.43	196.3	28.69	219.2	34.72	225.5	36.68	239.8	40.21	245.4	41.07	261.9	41.74
	25	164.7	23.97	196.3	30.61	219.2	36.66	225.5	38.79	239.8	42.48	245.4	43.09	258.8	43.98
	27	164.7	25.59	196.3	32.73	219.2	38.74	225.5	41.07	239.8	44.37	245.4	45.38	255.0	46.16
	29	164.7	27.33	196.3	34.94	219.2	40.95	225.5	43.49	239.8	46.89	245.4	47.69	251.7	48.42
	31	164.7	29.06	196.3	37.24	219.2	43.27	225.5	46.07	235.9	49.28	242.2	50.23	247.7	50.75
	33	164.7	30.99	196.3	39.65	219.2	45.72	225.5	48.82	232.7	52.04	238.2	52.90	244.5	53.18
	35	164.7	32.91	196.3	42.35	219.2	48.27	225.5	51.73	228.7	54.92	234.3	55.42	240.7	55.69
	37	164.7	34.88	196.3	44.95	219.2	50.96	222.3	54.80	224.8	57.92	231.2	58.11	236.6	58.26
	39	164.7	37.61	196.3	47.75	215.3	53.78	218.5	58.63	221.7	60.78	227.1	60.87	233.5	60.93
	41	160.5	40.34	191.3	50.57	206.1	56.71	209.3	63.41	211.9	63.41	218.2	63.90	223.6	64.42
	43	156.4	42.36	186.6	52.69	197.6	60.14	200.8	60.81	203.3	60.69	209.4	61.02	214.7	61.21
46	146.7	41.35	174.8	50.87	180.1	57.07	183.3	57.07	185.6	57.56	191.3	57.89	196.3	58.05	
48	129.8	40.15	152.0	49.00	156.4	54.30	159.3	54.67	161.5	54.92	166.5	55.08	170.8	55.31	

7. Capacity Tables

Cooling Capacity (76HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	143.7	15.68	171.0	19.06	199.1	22.61	212.8	24.43	226.5	26.24	251.1	29.21	256.5	29.45
	12	143.7	16.18	171.0	19.83	199.1	23.38	212.8	25.09	226.5	27.09	251.1	30.80	256.5	31.10
	14	143.7	16.67	171.0	20.63	199.1	24.36	212.8	26.17	226.5	28.26	251.1	32.52	256.5	32.82
	16	143.7	17.19	171.0	21.30	199.1	25.41	212.8	27.40	226.5	29.77	251.1	34.08	256.5	34.57
	18	143.7	17.71	171.0	22.10	199.1	26.38	212.8	28.75	226.5	31.57	251.1	36.01	256.5	36.29
	20	143.7	18.33	171.0	22.93	199.1	27.92	212.8	30.80	226.5	33.77	251.1	37.73	256.5	38.04
	21	143.7	18.72	171.0	23.48	199.1	28.87	212.8	31.85	226.5	35.03	251.1	38.59	256.5	38.90
	23	143.7	19.83	171.0	25.13	199.1	30.99	212.8	34.18	226.5	37.54	251.1	40.42	256.5	40.73
	25	143.7	21.08	171.0	26.75	199.1	33.10	212.8	36.57	226.5	40.15	251.1	42.14	254.6	42.48
	27	143.7	22.53	171.0	28.59	199.1	35.43	212.8	39.07	226.5	42.67	246.3	44.13	251.4	44.47
	29	143.7	23.97	171.0	30.52	199.1	37.82	212.8	41.77	226.5	45.17	241.7	45.90	247.6	46.27
	31	143.7	25.59	171.0	32.52	199.1	40.34	212.8	44.56	226.5	47.45	238.1	47.66	243.8	48.05
	33	143.7	27.15	171.0	34.66	199.1	43.03	212.8	47.54	226.5	49.25	234.3	49.44	240.0	49.84
	35	143.7	28.87	171.0	36.87	199.1	45.81	212.8	50.72	223.0	51.03	229.9	51.22	235.8	51.64
	37	143.7	30.93	171.0	39.54	199.1	48.52	212.8	53.14	219.4	53.39	225.7	53.61	231.1	54.12
	39	143.7	33.16	171.0	42.47	199.1	51.43	212.8	55.74	215.7	55.99	222.0	56.18	227.3	56.73
	41	141.3	35.37	168.2	45.42	196.0	54.32	204.2	58.33	208.6	58.56	213.5	58.78	220.4	59.33
	43	136.5	37.45	162.5	48.14	189.3	56.92	195.7	60.56	198.0	60.78	204.2	60.99	209.6	61.54
46	127.9	40.28	152.3	51.89	177.3	60.37	178.6	63.41	180.7	63.60	186.5	63.78	191.5	64.38	
48	113.1	34.78	134.7	44.90	153.0	51.61	155.4	53.79	157.0	53.97	162.1	54.10	166.6	54.52	
90	10	129.2	13.49	154.3	16.23	179.3	19.14	191.5	20.62	203.7	22.20	228.7	24.85	253.9	27.64
	12	129.2	13.67	154.3	16.49	179.3	19.47	191.5	21.05	203.7	22.70	228.7	25.33	253.9	28.13
	14	129.2	13.92	154.3	16.81	179.3	19.87	191.5	21.45	203.7	23.12	228.7	25.82	253.9	28.69
	16	129.2	14.16	154.3	17.13	179.3	20.30	191.5	21.88	203.7	23.51	228.7	26.31	253.9	29.19
	18	129.2	14.41	154.3	17.47	179.3	20.62	191.5	22.36	203.7	24.03	228.7	26.89	253.9	30.66
	20	129.2	14.67	154.3	17.81	179.3	21.05	191.5	22.78	203.7	24.94	228.7	28.78	253.9	32.12
	21	129.2	14.82	154.3	17.98	179.3	21.45	191.5	23.51	203.7	25.85	228.7	29.25	253.9	32.85
	23	129.2	15.16	154.3	18.72	179.3	22.94	191.5	25.27	203.7	27.68	228.7	31.02	250.4	34.39
	25	129.2	15.91	154.3	19.96	179.3	24.52	191.5	27.00	203.7	29.57	228.7	33.17	246.7	35.88
	27	129.2	16.98	154.3	21.30	179.3	26.18	191.5	28.84	203.7	31.65	228.7	35.27	243.2	37.55
	29	129.2	17.98	154.3	22.70	179.3	28.01	191.5	30.81	203.7	33.79	228.7	37.36	239.4	39.07
	31	129.2	19.14	154.3	24.19	179.3	29.83	191.5	32.81	203.7	36.03	228.7	39.22	235.9	40.59
	33	129.2	20.38	154.3	25.76	179.3	31.81	191.5	34.96	203.7	38.22	228.7	41.11	232.2	42.08
	35	129.2	21.63	154.3	27.34	179.3	33.79	191.5	37.28	203.7	40.53	224.8	43.48	228.6	44.47
	37	129.2	22.94	154.3	29.08	179.3	36.03	191.5	39.59	203.7	42.78	221.3	45.45	225.1	46.48
	39	129.2	24.30	154.3	30.92	179.3	38.13	191.5	42.14	203.7	44.99	217.6	47.92	221.4	48.49
	41	126.0	27.19	150.3	34.30	174.8	41.86	186.6	46.08	198.5	48.58	208.4	50.49	212.2	51.65
	43	122.8	29.35	146.6	37.06	170.4	45.73	182.0	49.63	193.5	52.07	199.9	54.08	203.6	54.72
46	115.0	33.02	137.4	42.20	159.6	52.10	170.6	56.27	175.8	57.85	182.4	59.37	185.9	59.45	
48	101.7	28.86	121.6	36.91	141.2	45.58	150.8	49.09	152.7	49.86	158.6	51.10	161.5	51.16	
80	10	114.7	11.34	136.8	13.61	158.9	15.98	170.3	17.24	181.7	18.50	203.7	21.10	225.7	22.91
	12	114.7	11.56	136.8	13.76	158.9	16.30	170.3	17.55	181.7	18.81	203.7	21.50	225.7	23.36
	14	114.7	11.73	136.8	14.10	158.9	16.53	170.3	17.86	181.7	19.11	203.7	21.89	225.7	23.81
	16	114.7	11.89	136.8	14.31	158.9	16.85	170.3	18.19	181.7	19.52	203.7	22.35	225.7	24.25
	18	114.7	12.11	136.8	14.55	158.9	17.15	170.3	18.50	181.7	19.91	203.7	22.74	225.7	24.79
	20	114.7	12.35	136.8	14.87	158.9	17.55	170.3	18.90	181.7	20.31	203.7	23.61	225.7	26.26
	21	114.7	12.44	136.8	15.04	158.9	17.71	170.3	19.11	181.7	20.79	203.7	24.36	225.7	26.96
	23	114.7	12.67	136.8	15.26	158.9	18.50	170.3	20.31	181.7	22.20	203.7	25.71	225.7	28.29
	25	114.7	13.14	136.8	16.30	158.9	19.84	170.3	21.72	181.7	23.76	203.7	27.52	225.7	30.27
	27	114.7	13.93	136.8	17.31	158.9	21.16	170.3	23.21	181.7	25.34	203.7	29.24	225.7	31.83
	29	114.7	14.80	136.8	18.50	158.9	22.51	170.3	24.71	181.7	27.07	203.7	31.34	225.7	34.07
	31	114.7	15.74	136.8	19.60	158.9	24.00	170.3	26.36	181.7	28.80	203.7	33.24	225.7	35.77
	33	114.7	16.70	136.8	20.94	158.9	25.59	170.3	28.10	181.7	30.70	203.7	35.04	225.7	37.52
	35	114.7	17.71	136.8	22.20	158.9	27.24	170.3	29.91	181.7	32.75	203.7	37.15	223.3	38.87
	37	114.7	18.74	136.8	23.60	158.9	28.89	170.3	31.80	181.7	34.79	203.7	39.20	219.8	40.64
	39	114.7	19.79	136.8	24.95	158.9	30.91	170.3	34.19	181.7	37.39	203.7	41.43	216.0	42.87
	41	111.8	21.89	133.3	27.64	154.8	33.91	165.9	37.46	177.0	41.07	198.5	46.10	207.1	47.51
	43	109.0	24.10	130.1	30.18	151.0	37.03	161.8	40.85	172.6	44.89	193.5	49.32	198.5	50.86
46	102.2	26.82	121.8	33.98	141.5	41.71	151.6	45.44	161.8	50.66	177.0	53.84	181.1	54.70	
48	90.5	23.42	107.7	29.72	125.1	36.48	134.2	39.70	143.1	44.33	153.7	46.61	157.4	47.09	

7. Capacity Tables

Cooling Capacity (76HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	100.3	9.97	120.1	11.86	139.1	13.73	148.9	14.84	158.9	15.85	177.9	18.06	197.6	20.19
	12	100.3	10.12	120.1	12.01	139.1	14.06	148.9	15.08	158.9	16.19	177.9	18.38	197.6	20.59
	14	100.3	10.28	120.1	12.16	139.1	14.28	148.9	15.30	158.9	16.41	177.9	18.77	197.6	20.96
	16	100.3	10.44	120.1	12.41	139.1	14.53	148.9	15.64	158.9	16.72	177.9	19.08	197.6	21.42
	18	100.3	10.59	120.1	12.65	139.1	14.84	148.9	15.94	158.9	17.05	177.9	19.39	197.6	21.79
	20	100.3	10.77	120.1	12.86	139.1	15.08	148.9	16.25	158.9	17.43	177.9	19.85	197.6	22.62
	21	100.3	10.92	120.1	12.96	139.1	15.24	148.9	16.41	158.9	17.58	177.9	20.19	197.6	23.08
	23	100.3	11.07	120.1	13.26	139.1	15.54	148.9	16.96	158.9	18.46	177.9	21.60	197.6	24.38
	25	100.3	11.23	120.1	13.73	139.1	16.56	148.9	18.13	158.9	19.70	177.9	23.08	197.6	25.57
	27	100.3	11.86	120.1	14.68	139.1	17.66	148.9	19.24	158.9	21.04	177.9	24.65	197.6	27.18
	29	100.3	12.65	120.1	15.54	139.1	18.77	148.9	20.49	158.9	22.38	177.9	26.31	197.6	29.11
	31	100.3	13.42	120.1	16.56	139.1	20.04	148.9	21.91	158.9	23.88	177.9	28.03	197.6	30.90
	33	100.3	14.22	120.1	17.51	139.1	21.27	148.9	23.23	158.9	25.36	177.9	29.82	197.6	32.88
	35	100.3	14.99	120.1	18.68	139.1	22.62	148.9	24.74	158.9	27.02	177.9	31.79	197.6	34.87
	37	100.3	15.94	120.1	19.79	139.1	24.03	148.9	26.31	158.9	28.74	177.9	33.85	197.6	36.81
	39	100.3	16.92	120.1	21.11	139.1	25.70	148.9	28.31	158.9	31.05	177.9	36.22	197.6	39.67
	41	97.8	18.71	116.9	23.12	135.5	28.18	145.1	31.05	154.8	33.75	173.3	39.79	192.5	42.80
	43	95.4	20.38	114.0	25.20	132.1	30.75	141.6	33.85	151.0	36.85	169.1	43.46	187.7	46.26
46	89.3	22.63	107.0	28.35	123.9	34.62	132.6	37.70	141.5	41.55	158.3	49.03	176.0	51.58	
48	79.1	19.76	94.6	24.74	109.6	30.28	117.4	32.96	125.1	36.34	140.0	42.90	155.8	44.63	
60	10	85.9	8.62	102.6	10.10	119.3	11.75	127.7	12.61	136.1	13.39	152.7	15.20	169.5	17.00
	12	85.9	8.77	102.6	10.25	119.3	11.90	127.7	12.77	136.1	13.63	152.7	15.43	169.5	17.32
	14	85.9	8.85	102.6	10.42	119.3	12.14	127.7	13.00	136.1	13.87	152.7	15.74	169.5	17.62
	16	85.9	9.02	102.6	10.65	119.3	12.30	127.7	13.23	136.1	14.19	152.7	16.05	169.5	17.94
	18	85.9	9.17	102.6	10.82	119.3	12.54	127.7	13.47	136.1	14.40	152.7	16.30	169.5	18.34
	20	85.9	9.32	102.6	10.97	119.3	12.77	127.7	13.70	136.1	14.65	152.7	16.60	169.5	18.72
	21	85.9	9.40	102.6	11.05	119.3	12.92	127.7	13.87	136.1	14.80	152.7	16.85	169.5	18.87
	23	85.9	9.55	102.6	11.28	119.3	13.08	127.7	14.10	136.1	15.12	152.7	17.47	169.5	20.05
	25	85.9	9.72	102.6	11.52	119.3	13.63	127.7	14.80	136.1	16.05	152.7	18.65	169.5	21.47
	27	85.9	10.03	102.6	12.14	119.3	14.50	127.7	15.74	136.1	17.07	152.7	19.82	169.5	22.87
	29	85.9	10.65	102.6	12.92	119.3	15.43	127.7	16.77	136.1	18.18	152.7	21.15	169.5	24.44
	31	85.9	11.28	102.6	13.70	119.3	16.37	127.7	17.85	136.1	19.36	152.7	22.55	169.5	26.00
	33	85.9	11.90	102.6	14.50	119.3	17.38	127.7	18.95	136.1	20.60	152.7	23.97	169.5	27.73
	35	85.9	12.61	102.6	15.43	119.3	18.49	127.7	20.14	136.1	21.85	152.7	25.53	169.5	29.46
	37	85.9	13.32	102.6	16.29	119.3	19.58	127.7	21.38	136.1	23.18	152.7	27.10	169.5	31.32
	39	85.9	14.16	102.6	17.34	119.3	21.13	127.7	22.95	136.1	24.94	152.7	29.06	169.5	33.58
	41	83.6	15.37	100.0	18.97	116.3	22.95	124.4	25.07	132.6	27.08	148.8	31.89	165.3	36.49
	43	81.7	16.70	97.5	20.66	113.4	25.03	121.3	27.32	129.2	29.53	145.1	34.81	161.1	39.85
46	76.6	18.68	91.4	23.20	106.4	28.14	113.7	30.70	121.2	33.24	136.1	39.22	151.0	45.42	
48	67.7	16.29	80.8	20.24	94.0	24.60	100.7	26.83	107.1	29.03	120.3	34.30	133.6	39.72	
50	10	71.8	7.42	85.9	8.60	99.5	9.77	106.4	10.48	113.3	11.10	126.9	12.51	141.3	13.91
	12	71.8	7.51	85.9	8.67	99.5	9.92	106.4	10.63	113.3	11.33	126.9	12.73	141.3	14.15
	14	71.8	7.58	85.9	8.82	99.5	10.08	106.4	10.78	113.3	11.48	126.9	12.89	141.3	14.38
	16	71.8	7.74	85.9	8.99	99.5	10.23	106.4	11.01	113.3	11.64	126.9	13.13	141.3	14.62
	18	71.8	7.82	85.9	9.07	99.5	10.38	106.4	11.16	113.3	11.88	126.9	13.35	141.3	14.93
	20	71.8	7.89	85.9	9.22	99.5	10.63	106.4	11.33	113.3	12.11	126.9	13.60	141.3	15.25
	21	71.8	7.98	85.9	9.30	99.5	10.70	106.4	11.48	113.3	12.19	126.9	13.75	141.3	15.40
	23	71.8	8.14	85.9	9.45	99.5	10.86	106.4	11.64	113.3	12.42	126.9	14.00	141.3	15.71
	25	71.8	8.20	85.9	9.60	99.5	11.10	106.4	11.88	113.3	12.82	126.9	14.69	141.3	16.81
	27	71.8	8.36	85.9	9.92	99.5	11.73	106.4	12.66	113.3	13.60	126.9	15.71	141.3	17.89
	29	71.8	8.82	85.9	10.55	99.5	12.42	106.4	13.44	113.3	14.47	126.9	16.65	141.3	18.99
	31	71.8	9.30	85.9	11.16	99.5	13.20	106.4	14.22	113.3	15.40	126.9	17.74	141.3	20.24
	33	71.8	9.85	85.9	11.79	99.5	14.00	106.4	15.09	113.3	16.34	126.9	18.84	141.3	21.58
	35	71.8	10.38	85.9	12.51	99.5	14.78	106.4	16.03	113.3	17.28	126.9	19.93	141.3	22.89
	37	71.8	11.01	85.9	13.20	99.5	15.63	106.4	16.96	113.3	18.27	126.9	21.26	141.3	24.30
	39	71.8	11.75	85.9	14.16	99.5	16.75	106.4	18.25	113.3	19.62	126.9	22.64	141.3	26.26
	41	69.9	12.72	83.6	15.32	96.9	18.31	103.6	19.77	110.2	21.26	123.7	24.83	137.7	28.50
	43	68.4	13.82	81.7	16.66	94.6	19.93	101.1	21.52	107.7	23.14	120.6	27.07	134.3	31.09
46	64.0	15.47	76.6	18.69	88.7	22.36	94.7	24.17	100.7	25.99	113.0	30.44	126.0	35.02	
48	56.6	13.48	67.7	16.31	78.5	19.49	83.8	21.11	89.3	22.68	100.1	26.60	111.4	30.59	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM780BTE5

Cooling Capacity (78HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	199.6	21.18	237.9	25.88	254.8	30.02	262.2	30.65	269.5	30.88	282.5	31.12	289.9	31.25
	12	199.6	21.69	237.9	26.81	254.8	31.25	262.2	31.46	269.5	31.71	282.5	31.97	289.9	32.24
	14	199.6	22.43	237.9	27.78	254.8	32.43	262.2	32.67	269.5	32.94	282.5	33.18	289.9	33.49
	16	199.6	23.25	237.9	28.74	254.8	33.88	262.2	34.21	269.5	34.47	282.5	34.78	289.9	35.06
	18	199.6	24.23	237.9	30.40	254.8	35.44	262.2	36.20	269.5	36.50	282.5	36.86	289.9	37.10
	20	199.6	25.29	237.9	32.39	254.8	37.20	262.2	39.81	269.5	40.15	278.4	40.55	285.7	40.81
	21	199.6	25.95	237.9	33.54	254.8	37.97	262.2	42.14	269.5	42.48	276.9	42.90	284.1	43.20
	23	199.6	27.85	237.9	35.27	254.8	39.94	262.2	46.51	266.1	46.87	272.7	47.35	280.1	47.66
	25	199.6	29.74	237.9	37.31	254.8	42.69	259.1	51.58	262.2	52.00	269.5	52.51	276.9	52.87
	27	199.6	31.82	237.9	39.87	251.6	45.49	254.8	56.77	259.1	57.23	266.1	57.80	272.7	58.19
	29	199.6	33.91	237.9	42.63	247.6	48.93	251.2	62.41	254.8	62.77	262.2	63.34	269.5	63.59
	31	199.6	36.19	237.0	44.91	243.5	52.06	247.6	62.13	251.2	62.51	258.1	63.07	265.4	63.72
	33	199.6	38.55	233.0	47.57	240.2	55.83	244.1	61.56	247.6	61.95	254.8	62.49	261.3	62.34
	35	199.6	41.11	228.8	49.83	236.2	60.47	240.2	60.77	244.1	61.14	250.9	61.68	258.1	61.92
	37	199.6	43.83	225.6	52.30	233.0	59.67	236.2	59.97	240.2	60.33	246.7	60.86	254.1	61.11
	39	199.6	46.69	221.6	55.05	228.8	58.87	233.0	59.16	236.2	59.52	243.5	60.05	250.9	60.29
	41	194.6	49.52	212.5	57.79	219.7	58.06	222.9	58.36	227.2	58.70	234.0	59.24	240.5	59.48
	43	189.8	52.23	203.5	56.98	210.6	57.28	213.8	57.55	218.1	57.91	224.9	58.42	231.0	58.64
46	177.8	55.90	185.7	55.79	192.4	56.07	195.4	56.35	199.5	56.70	205.8	57.19	211.5	57.43	
48	157.3	54.35	161.2	54.50	167.3	54.63	169.9	54.78	173.6	55.26	179.1	55.60	184.2	55.81	
120	10	184.6	19.06	219.7	23.36	239.9	27.75	247.3	30.01	254.5	30.46	268.4	30.59	275.0	30.83
	12	184.6	19.57	219.7	24.16	239.9	28.87	247.3	30.65	254.5	31.61	268.4	31.97	275.0	32.24
	14	184.6	20.24	219.7	24.97	239.9	30.04	247.3	31.79	254.5	32.75	268.4	33.24	275.0	33.51
	16	184.6	20.96	219.7	25.99	239.9	31.20	247.3	32.97	254.5	34.27	268.4	34.69	275.0	34.96
	18	184.6	21.79	219.7	27.15	239.9	32.45	247.3	34.72	254.5	36.04	268.4	36.44	275.0	36.74
	20	184.6	22.62	219.7	28.80	239.9	34.21	247.3	36.53	254.5	37.94	268.4	38.43	275.0	38.75
	21	184.6	23.31	219.7	29.83	239.9	35.15	247.3	37.61	254.5	39.19	268.4	39.70	275.0	40.00
	23	184.6	24.91	219.7	31.92	239.9	37.67	247.3	39.96	254.5	41.78	268.4	42.20	275.0	42.54
	25	184.6	26.61	219.7	34.21	239.9	39.73	247.3	42.59	254.5	44.79	265.2	45.19	271.7	45.55
	27	184.6	28.41	219.7	36.56	239.9	42.29	247.3	45.51	254.5	48.14	261.1	48.48	267.8	48.86
	29	184.6	30.31	219.7	39.03	239.9	44.49	247.3	48.71	250.5	51.31	257.0	52.09	264.3	52.51
	31	184.6	32.30	219.7	41.68	239.9	46.79	244.0	52.19	247.3	55.05	253.8	56.02	260.3	56.47
	33	184.6	34.38	219.7	44.43	236.6	49.50	239.9	56.64	243.1	59.10	249.6	59.78	256.1	60.26
	35	184.6	36.56	219.7	47.36	232.7	52.40	235.9	62.41	239.9	62.71	246.4	62.89	252.9	63.40
	37	184.6	39.33	219.7	49.98	229.4	55.86	232.7	61.09	235.9	61.39	242.4	61.56	248.9	62.07
	39	184.6	42.35	218.8	52.82	225.3	59.24	228.5	59.84	231.8	60.14	239.2	60.32	245.7	60.78
	41	180.0	45.36	209.3	55.66	216.4	58.06	219.3	58.57	222.6	58.88	229.0	59.06	235.6	59.52
	43	175.5	48.41	200.5	54.86	207.4	56.77	210.4	57.32	213.6	57.61	219.7	57.79	226.2	58.25
46	164.5	52.06	182.7	53.57	189.4	54.99	192.2	55.44	195.0	55.71	201.1	55.89	207.0	56.32	
48	145.6	50.98	158.6	52.61	164.7	53.91	167.1	54.24	169.7	54.41	174.9	54.63	180.1	54.86	
110	10	169.0	17.13	201.5	20.88	224.9	24.80	231.4	26.85	246.1	28.90	251.8	29.71	268.8	30.19
	12	169.0	17.68	201.5	21.60	224.9	25.84	231.4	27.60	246.1	29.98	251.8	30.95	268.8	31.67
	14	169.0	18.22	201.5	22.56	224.9	27.00	231.4	28.98	246.1	31.50	251.8	32.39	268.8	33.09
	16	169.0	18.88	201.5	23.38	224.9	28.11	231.4	30.25	246.1	32.94	251.8	33.85	268.8	34.45
	18	169.0	19.57	201.5	24.37	224.9	29.74	231.4	31.85	246.1	34.75	251.8	35.44	268.8	36.10
	20	169.0	20.27	201.5	25.58	224.9	31.55	231.4	33.30	246.1	36.44	251.8	37.35	268.8	37.94
	21	169.0	20.73	201.5	26.33	224.9	32.36	231.4	34.21	246.1	37.46	251.8	38.40	268.8	39.00
	23	169.0	22.07	201.5	28.23	224.9	34.17	231.4	36.10	246.1	39.57	251.8	40.42	268.8	41.08
	25	169.0	23.59	201.5	30.13	224.9	36.08	231.4	38.18	246.1	41.80	251.8	42.41	265.6	43.28
	27	169.0	25.19	201.5	32.22	224.9	38.13	231.4	40.42	246.1	43.67	251.8	44.67	261.7	45.43
	29	169.0	26.90	201.5	34.38	224.9	40.30	231.4	42.80	246.1	46.15	251.8	46.93	258.3	47.65
	31	169.0	28.60	201.5	36.65	224.9	42.59	231.4	45.34	242.1	48.50	248.6	49.43	254.2	49.95
	33	169.0	30.50	201.5	39.03	224.9	45.00	231.4	48.05	238.8	51.21	244.4	52.06	250.9	52.34
	35	169.0	32.39	201.5	41.68	224.9	47.51	231.4	50.91	234.7	54.05	240.5	54.54	247.0	54.81
	37	169.0	34.32	201.5	44.24	224.9	50.16	228.2	53.93	230.7	57.00	237.2	57.19	242.8	57.34
	39	169.0	37.01	201.5	47.00	221.0	52.93	224.2	57.70	227.5	59.82	233.1	59.91	239.6	59.97
	41	164.7	39.70	196.3	49.77	211.5	55.81	214.8	62.41	217.5	62.41	224.0	62.89	229.5	63.40
	43	160.6	41.69	191.5	51.85	202.8	59.18	206.0	59.84	208.7	59.73	214.9	60.06	220.3	60.24
46	150.5	40.69	179.4	50.07	184.9	56.17	188.1	56.17	190.5	56.65	196.3	56.98	201.5	57.13	
48	133.2	39.51	156.0	48.23	160.6	53.44	163.5	53.80	165.7	54.06	170.9	54.21	175.3	54.44	

7. Capacity Tables

Cooling Capacity (78HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	147.5	15.44	175.5	18.76	204.4	22.26	218.4	24.04	232.4	25.82	257.7	28.75	263.3	28.98
	12	147.5	15.92	175.5	19.52	204.4	23.01	218.4	24.70	232.4	26.66	257.7	30.31	263.3	30.61
	14	147.5	16.41	175.5	20.30	204.4	23.98	218.4	25.76	232.4	27.81	257.7	32.00	263.3	32.30
	16	147.5	16.92	175.5	20.97	204.4	25.01	218.4	26.97	232.4	29.29	257.7	33.54	263.3	34.02
	18	147.5	17.43	175.5	21.75	204.4	25.97	218.4	28.30	232.4	31.07	257.7	35.44	263.3	35.72
	20	147.5	18.04	175.5	22.57	204.4	27.47	218.4	30.31	232.4	33.24	257.7	37.13	263.3	37.43
	21	147.5	18.42	175.5	23.11	204.4	28.41	218.4	31.35	232.4	34.47	257.7	37.98	263.3	38.28
	23	147.5	19.52	175.5	24.73	204.4	30.50	218.4	33.63	232.4	36.95	257.7	39.78	263.3	40.09
	25	147.5	20.75	175.5	26.33	204.4	32.58	218.4	35.99	232.4	39.51	257.7	41.48	261.3	41.80
	27	147.5	22.17	175.5	28.13	204.4	34.87	218.4	38.46	232.4	41.99	252.8	43.43	258.0	43.77
	29	147.5	23.59	175.5	30.04	204.4	37.22	218.4	41.11	232.4	44.45	248.0	45.18	254.1	45.54
	31	147.5	25.19	175.5	32.01	204.4	39.70	218.4	43.86	232.4	46.70	244.4	46.91	250.2	47.29
	33	147.5	26.72	175.5	34.11	204.4	42.35	218.4	46.79	232.4	48.47	240.5	48.65	246.3	49.05
	35	147.5	28.41	175.5	36.29	204.4	45.09	218.4	49.92	228.8	50.22	236.0	50.41	242.0	50.83
	37	147.5	30.44	175.5	38.91	204.4	47.76	218.4	52.30	225.2	52.55	231.6	52.76	237.2	53.27
	39	147.5	32.64	175.5	41.80	204.4	50.62	218.4	54.86	221.4	55.11	227.9	55.29	233.3	55.83
	41	145.0	34.81	172.7	44.70	201.1	53.46	209.6	57.40	214.1	57.64	219.1	57.85	226.2	58.39
	43	140.1	36.86	166.8	47.38	194.3	56.02	200.9	59.61	203.2	59.82	209.6	60.03	215.1	60.57
	46	131.3	39.64	156.3	51.07	182.0	59.42	183.3	62.41	185.5	62.59	191.4	62.77	196.6	63.36
	48	116.1	34.23	138.2	44.19	157.1	50.79	159.5	52.94	161.2	53.12	166.4	53.24	170.9	53.66
90	10	132.6	13.51	158.3	16.25	184.0	19.16	196.6	20.65	209.0	22.23	234.7	24.88	260.6	27.67
	12	132.6	13.68	158.3	16.51	184.0	19.49	196.6	21.07	209.0	22.72	234.7	25.36	260.6	28.16
	14	132.6	13.93	158.3	16.83	184.0	19.89	196.6	21.48	209.0	23.15	234.7	25.85	260.6	28.72
	16	132.6	14.17	158.3	17.15	184.0	20.32	196.6	21.90	209.0	23.54	234.7	26.34	260.6	29.22
	18	132.6	14.42	158.3	17.49	184.0	20.65	196.6	22.38	209.0	24.05	234.7	26.92	260.6	30.69
	20	132.6	14.68	158.3	17.83	184.0	21.07	196.6	22.81	209.0	24.97	234.7	28.81	260.6	32.15
	21	132.6	14.84	158.3	18.00	184.0	21.48	196.6	23.54	209.0	25.88	234.7	29.28	260.6	32.88
	23	132.6	15.18	158.3	18.74	184.0	22.96	196.6	25.30	209.0	27.71	234.7	31.06	257.0	34.43
	25	132.6	15.93	158.3	19.98	184.0	24.54	196.6	27.03	209.0	29.60	234.7	33.21	253.2	35.92
	27	132.6	17.00	158.3	21.32	184.0	26.21	196.6	28.87	209.0	31.68	234.7	35.31	249.6	37.59
	29	132.6	18.00	158.3	22.72	184.0	28.04	196.6	30.84	209.0	33.82	234.7	37.40	245.7	39.11
	31	132.6	19.16	158.3	24.22	184.0	29.86	196.6	32.84	209.0	36.07	234.7	39.27	242.1	40.63
	33	132.6	20.41	158.3	25.79	184.0	31.85	196.6	35.00	209.0	38.26	234.7	41.15	238.3	42.12
	35	132.6	21.65	158.3	27.37	184.0	33.82	196.6	37.32	209.0	40.57	230.7	43.53	234.7	44.52
	37	132.6	22.96	158.3	29.11	184.0	36.07	196.6	39.63	209.0	42.83	227.1	45.50	231.0	46.53
	39	132.6	24.33	158.3	30.96	184.0	38.17	196.6	42.18	209.0	45.04	223.3	47.97	227.2	48.55
	41	129.3	27.22	154.3	34.33	179.4	41.91	191.5	46.13	203.7	48.63	213.9	50.55	217.8	51.70
	43	126.1	29.38	150.4	37.10	174.9	45.78	186.8	49.69	198.6	52.13	205.1	54.14	208.9	54.78
	46	118.1	33.06	141.0	42.24	163.8	52.15	175.1	56.33	180.5	57.91	187.2	59.43	190.8	59.52
	48	104.4	28.89	124.8	36.95	145.0	45.63	154.7	49.15	156.7	49.92	162.8	51.16	165.8	51.21
80	10	117.7	11.36	140.4	13.63	163.1	16.00	174.8	17.26	186.5	18.52	209.0	21.12	231.7	22.93
	12	117.7	11.58	140.4	13.78	163.1	16.32	174.8	17.57	186.5	18.83	209.0	21.52	231.7	23.39
	14	117.7	11.75	140.4	14.11	163.1	16.55	174.8	17.88	186.5	19.14	209.0	21.91	231.7	23.84
	16	117.7	11.90	140.4	14.33	163.1	16.87	174.8	18.21	186.5	19.54	209.0	22.38	231.7	24.28
	18	117.7	12.13	140.4	14.57	163.1	17.17	174.8	18.52	186.5	19.93	209.0	22.77	231.7	24.82
	20	117.7	12.37	140.4	14.89	163.1	17.57	174.8	18.92	186.5	20.33	209.0	23.64	231.7	26.29
	21	117.7	12.45	140.4	15.06	163.1	17.73	174.8	19.14	186.5	20.82	209.0	24.39	231.7	27.00
	23	117.7	12.68	140.4	15.28	163.1	18.52	174.8	20.33	186.5	22.23	209.0	25.74	231.7	28.32
	25	117.7	13.16	140.4	16.32	163.1	19.86	174.8	21.74	186.5	23.79	209.0	27.55	231.7	30.30
	27	117.7	13.95	140.4	17.33	163.1	21.19	174.8	23.24	186.5	25.38	209.0	29.28	231.7	31.87
	29	117.7	14.82	140.4	18.52	163.1	22.53	174.8	24.74	186.5	27.10	209.0	31.38	231.7	34.11
	31	117.7	15.76	140.4	19.63	163.1	24.03	174.8	26.40	186.5	28.84	209.0	33.28	231.7	35.82
	33	117.7	16.72	140.4	20.97	163.1	25.62	174.8	28.13	186.5	30.73	209.0	35.09	231.7	37.56
	35	117.7	17.73	140.4	22.23	163.1	27.27	174.8	29.94	186.5	32.78	209.0	37.20	229.2	38.91
	37	117.7	18.77	140.4	23.63	163.1	28.92	174.8	31.84	186.5	34.83	209.0	39.25	225.5	40.69
	39	117.7	19.82	140.4	24.98	163.1	30.95	174.8	34.23	186.5	37.44	209.0	41.48	221.7	42.93
	41	114.8	21.92	136.8	27.68	158.9	33.95	170.3	37.51	181.6	41.12	203.7	46.16	212.5	47.57
	43	111.8	24.13	133.5	30.22	155.0	37.07	166.0	40.90	177.2	44.94	198.6	49.38	203.7	50.92
	46	104.9	26.85	125.1	34.02	145.2	41.76	155.6	45.49	166.0	50.72	181.6	53.91	185.9	54.77
	48	92.9	23.45	110.5	29.75	128.4	36.52	137.8	39.74	146.9	44.39	157.7	46.66	161.6	47.14

7. Capacity Tables

Cooling Capacity (78HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	103.0	9.98	123.2	11.87	142.7	13.75	152.8	14.86	163.1	15.88	182.6	18.09	202.8	20.22
	12	103.0	10.14	123.2	12.02	142.7	14.08	152.8	15.10	163.1	16.21	182.6	18.40	202.8	20.62
	14	103.0	10.30	123.2	12.18	142.7	14.30	152.8	15.32	163.1	16.43	182.6	18.79	202.8	20.98
	16	103.0	10.45	123.2	12.42	142.7	14.55	152.8	15.66	163.1	16.74	182.6	19.11	202.8	21.45
	18	103.0	10.60	123.2	12.66	142.7	14.86	152.8	15.96	163.1	17.07	182.6	19.41	202.8	21.82
	20	103.0	10.78	123.2	12.88	142.7	15.10	152.8	16.28	163.1	17.45	182.6	19.88	202.8	22.65
	21	103.0	10.94	123.2	12.98	142.7	15.26	152.8	16.43	163.1	17.60	182.6	20.21	202.8	23.11
	23	103.0	11.09	123.2	13.28	142.7	15.56	152.8	16.98	163.1	18.49	182.6	21.63	202.8	24.41
	25	103.0	11.24	123.2	13.75	142.7	16.58	152.8	18.15	163.1	19.73	182.6	23.11	202.8	25.60
	27	103.0	11.87	123.2	14.70	142.7	17.69	152.8	19.26	163.1	21.07	182.6	24.69	202.8	27.21
	29	103.0	12.66	123.2	15.56	142.7	18.79	152.8	20.52	163.1	22.41	182.6	26.35	202.8	29.15
	31	103.0	13.43	123.2	16.58	142.7	20.06	152.8	21.94	163.1	23.91	182.6	28.07	202.8	30.94
	33	103.0	14.24	123.2	17.54	142.7	21.30	152.8	23.27	163.1	25.39	182.6	29.86	202.8	32.92
	35	103.0	15.01	123.2	18.71	142.7	22.65	152.8	24.77	163.1	27.05	182.6	31.84	202.8	34.92
	37	103.0	15.96	123.2	19.82	142.7	24.07	152.8	26.35	163.1	28.78	182.6	33.90	202.8	36.86
	39	103.0	16.94	123.2	21.14	142.7	25.73	152.8	28.35	163.1	31.09	182.6	36.27	202.8	39.73
	41	100.4	18.73	120.0	23.15	139.1	28.22	148.9	31.09	158.9	33.80	177.8	39.84	197.6	42.86
	43	97.9	20.40	117.0	25.24	135.6	30.79	145.3	33.90	155.0	36.90	173.5	43.52	192.7	46.33
46	91.7	22.66	109.8	28.38	127.1	34.67	136.1	37.75	145.2	41.60	162.5	49.09	180.7	51.65	
48	81.2	19.79	97.1	24.78	112.5	30.32	120.5	33.00	128.4	36.39	143.7	42.96	159.9	44.69	
60	10	88.1	8.63	105.3	10.12	122.5	11.77	131.0	12.63	139.7	13.40	156.7	15.23	173.9	17.03
	12	88.1	8.78	105.3	10.27	122.5	11.92	131.0	12.79	139.7	13.65	156.7	15.45	173.9	17.34
	14	88.1	8.87	105.3	10.43	122.5	12.16	131.0	13.02	139.7	13.89	156.7	15.76	173.9	17.65
	16	88.1	9.03	105.3	10.67	122.5	12.32	131.0	13.25	139.7	14.21	156.7	16.07	173.9	17.96
	18	88.1	9.18	105.3	10.83	122.5	12.56	131.0	13.49	139.7	14.42	156.7	16.32	173.9	18.36
	20	88.1	9.33	105.3	10.98	122.5	12.79	131.0	13.72	139.7	14.67	156.7	16.63	173.9	18.74
	21	88.1	9.41	105.3	11.07	122.5	12.94	131.0	13.89	139.7	14.83	156.7	16.88	173.9	18.90
	23	88.1	9.56	105.3	11.30	122.5	13.10	131.0	14.12	139.7	15.14	156.7	17.50	173.9	20.08
	25	88.1	9.73	105.3	11.54	122.5	13.65	131.0	14.83	139.7	16.07	156.7	18.68	173.9	21.50
	27	88.1	10.05	105.3	12.16	122.5	14.52	131.0	15.76	139.7	17.09	156.7	19.85	173.9	22.90
	29	88.1	10.67	105.3	12.94	122.5	15.45	131.0	16.79	139.7	18.21	156.7	21.19	173.9	24.47
	31	88.1	11.30	105.3	13.72	122.5	16.39	131.0	17.88	139.7	19.38	156.7	22.59	173.9	26.04
	33	88.1	11.92	105.3	14.52	122.5	17.41	131.0	18.98	139.7	20.63	156.7	24.01	173.9	27.77
	35	88.1	12.63	105.3	15.45	122.5	18.52	131.0	20.16	139.7	21.88	156.7	25.57	173.9	29.50
	37	88.1	13.34	105.3	16.31	122.5	19.61	131.0	21.41	139.7	23.22	156.7	27.14	173.9	31.37
	39	88.1	14.18	105.3	17.37	122.5	21.16	131.0	22.99	139.7	24.98	156.7	29.10	173.9	33.63
	41	85.8	15.39	102.7	19.00	119.3	22.99	127.7	25.10	136.1	27.12	152.8	31.93	169.6	36.54
	43	83.8	16.72	100.1	20.69	116.4	25.06	124.5	27.36	132.6	29.58	148.9	34.87	165.3	39.91
46	78.6	18.71	93.8	23.24	109.2	28.18	116.7	30.75	124.4	33.29	139.7	39.28	154.9	45.48	
48	69.5	16.31	82.9	20.27	96.5	24.63	103.3	26.86	109.9	29.07	123.5	34.35	137.1	39.78	
50	10	73.7	7.44	88.1	8.62	102.1	9.78	109.2	10.50	116.3	11.12	130.3	12.53	145.0	13.93
	12	73.7	7.52	88.1	8.68	102.1	9.93	109.2	10.65	116.3	11.34	130.3	12.75	145.0	14.18
	14	73.7	7.59	88.1	8.84	102.1	10.10	109.2	10.80	116.3	11.50	130.3	12.91	145.0	14.40
	16	73.7	7.75	88.1	9.00	102.1	10.25	109.2	11.03	116.3	11.66	130.3	13.15	145.0	14.64
	18	73.7	7.84	88.1	9.09	102.1	10.40	109.2	11.18	116.3	11.90	130.3	13.37	145.0	14.96
	20	73.7	7.90	88.1	9.24	102.1	10.65	109.2	11.34	116.3	12.13	130.3	13.62	145.0	15.27
	21	73.7	7.99	88.1	9.31	102.1	10.72	109.2	11.50	116.3	12.21	130.3	13.78	145.0	15.43
	23	73.7	8.15	88.1	9.47	102.1	10.88	109.2	11.66	116.3	12.44	130.3	14.02	145.0	15.74
	25	73.7	8.22	88.1	9.62	102.1	11.12	109.2	11.90	116.3	12.84	130.3	14.71	145.0	16.84
	27	73.7	8.37	88.1	9.93	102.1	11.75	109.2	12.68	116.3	13.62	130.3	15.74	145.0	17.92
	29	73.7	8.84	88.1	10.56	102.1	12.44	109.2	13.46	116.3	14.49	130.3	16.67	145.0	19.02
	31	73.7	9.31	88.1	11.18	102.1	13.22	109.2	14.24	116.3	15.43	130.3	17.77	145.0	20.27
	33	73.7	9.87	88.1	11.81	102.1	14.02	109.2	15.11	116.3	16.37	130.3	18.87	145.0	21.61
	35	73.7	10.40	88.1	12.53	102.1	14.81	109.2	16.05	116.3	17.30	130.3	19.96	145.0	22.93
	37	73.7	11.03	88.1	13.22	102.1	15.65	109.2	16.99	116.3	18.30	130.3	21.30	145.0	24.34
	39	73.7	11.77	88.1	14.18	102.1	16.77	109.2	18.28	116.3	19.65	130.3	22.67	145.0	26.30
	41	71.8	12.74	85.8	15.34	99.5	18.34	106.4	19.80	113.1	21.30	127.0	24.86	141.3	28.55
	43	70.2	13.84	83.8	16.69	97.1	19.96	103.7	21.55	110.5	23.18	123.8	27.11	137.8	31.14
46	65.6	15.49	78.6	18.72	91.0	22.39	97.2	24.21	103.4	26.03	116.0	30.49	129.3	35.07	
48	58.1	13.50	69.5	16.33	80.6	19.52	86.1	21.15	91.6	22.71	102.7	26.65	114.4	30.64	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM800BTE5

Cooling Capacity (80HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	204.7	21.89	244.0	26.75	261.4	31.03	268.9	31.68	276.4	31.92	289.7	32.17	297.3	32.30
	12	204.7	22.42	244.0	27.71	261.4	32.30	268.9	32.52	276.4	32.78	289.7	33.04	297.3	33.33
	14	204.7	23.19	244.0	28.72	261.4	33.52	268.9	33.77	276.4	34.05	289.7	34.30	297.3	34.61
	16	204.7	24.04	244.0	29.71	261.4	35.02	268.9	35.36	276.4	35.63	289.7	35.95	297.3	36.24
	18	204.7	25.04	244.0	31.42	261.4	36.64	268.9	37.42	276.4	37.73	289.7	38.10	297.3	38.35
	20	204.7	26.14	244.0	33.48	261.4	38.45	268.9	41.15	276.4	41.50	285.6	41.91	293.1	42.18
	21	204.7	26.82	244.0	34.66	261.4	39.25	268.9	43.56	276.4	43.91	284.0	44.34	291.4	44.65
	23	204.7	28.79	244.0	36.46	261.4	41.28	268.9	48.07	272.9	48.45	279.7	48.95	287.3	49.26
	25	204.7	30.74	244.0	38.56	261.4	44.12	265.7	53.31	268.9	53.75	276.4	54.28	284.0	54.65
	27	204.7	32.89	244.0	41.22	258.0	47.02	261.4	58.68	265.7	59.15	272.9	59.75	279.7	60.15
	29	204.7	35.05	244.0	44.06	254.0	50.57	257.6	64.51	261.4	64.88	268.9	65.47	276.4	65.73
	31	204.7	37.41	243.1	46.43	249.7	53.81	254.0	64.22	257.6	64.61	264.7	65.19	272.3	65.45
	33	204.7	39.85	238.9	49.17	246.4	57.71	250.4	63.63	254.0	64.04	261.4	64.60	268.0	64.85
	35	204.7	42.49	234.7	51.51	242.3	62.51	246.4	62.82	250.4	63.19	257.3	63.76	264.7	64.01
	37	204.7	45.31	231.4	54.06	238.9	61.68	242.3	61.98	246.4	62.36	253.1	62.91	260.7	63.17
	39	204.7	48.26	227.3	56.90	234.7	60.85	238.9	61.15	242.3	61.52	249.7	62.07	257.3	62.32
	41	199.6	51.19	218.0	59.73	225.3	60.02	228.6	60.32	233.1	60.68	240.0	61.24	246.6	61.48
	43	194.7	53.99	208.7	58.90	216.0	59.20	219.3	59.49	223.7	59.86	230.6	60.39	236.9	60.61
46	182.4	57.78	190.4	57.67	197.3	57.96	200.4	58.24	204.7	58.61	211.1	59.12	216.9	59.36	
48	161.3	56.18	165.4	56.34	171.6	56.46	174.3	56.62	178.0	57.12	183.7	57.47	188.9	57.69	
120	10	189.4	19.70	225.3	24.14	246.0	28.68	253.6	31.02	261.1	31.49	275.3	31.62	282.0	31.86
	12	189.4	20.23	225.3	24.97	246.0	29.84	253.6	31.68	261.1	32.67	275.3	33.05	282.0	33.33
	14	189.4	20.92	225.3	25.81	246.0	31.05	253.6	32.86	261.1	33.86	275.3	34.36	282.0	34.64
	16	189.4	21.67	225.3	26.87	246.0	32.25	253.6	34.08	261.1	35.43	275.3	35.86	282.0	36.14
	18	189.4	22.52	225.3	28.07	246.0	33.55	253.6	35.89	261.1	37.25	275.3	37.67	282.0	37.97
	20	189.4	23.38	225.3	29.77	246.0	35.36	253.6	37.76	261.1	39.22	275.3	39.73	282.0	40.06
	21	189.4	24.10	225.3	30.83	246.0	36.33	253.6	38.87	261.1	40.51	275.3	41.03	282.0	41.35
	23	189.4	25.75	225.3	32.99	246.0	38.94	253.6	41.31	261.1	43.18	275.3	43.62	282.0	43.97
	25	189.4	27.50	225.3	35.36	246.0	41.06	253.6	44.02	261.1	46.30	272.0	46.71	278.7	47.08
	27	189.4	29.37	225.3	37.79	246.0	43.71	253.6	47.05	261.1	49.76	267.8	50.11	274.6	50.51
	29	189.4	31.33	225.3	40.34	246.0	45.99	253.6	50.35	256.9	53.04	263.6	53.84	271.1	54.28
	31	189.4	33.39	225.3	43.08	246.0	48.36	250.3	53.94	253.6	56.90	260.3	57.91	266.9	58.37
	33	189.4	35.54	225.3	45.92	242.7	51.16	246.0	58.55	249.4	61.08	256.0	61.79	262.7	62.29
	35	189.4	37.79	225.3	48.95	238.7	54.16	242.0	64.51	246.0	64.82	252.7	65.01	259.4	65.54
	37	189.4	40.65	225.3	51.66	235.3	57.74	238.7	63.14	242.0	63.45	248.7	63.64	255.3	64.16
	39	189.4	43.77	224.4	54.60	231.1	61.24	234.4	61.85	237.7	62.16	245.3	62.35	252.0	62.82
	41	184.6	46.89	214.7	57.53	222.0	60.02	224.9	60.54	228.3	60.86	234.9	61.04	241.6	61.52
	43	180.0	50.04	205.6	56.71	212.7	58.68	215.8	59.25	219.1	59.55	225.4	59.73	232.0	60.21
46	168.7	53.81	187.4	55.37	194.3	56.84	197.1	57.30	200.0	57.59	206.2	57.77	212.3	58.22	
48	149.3	52.70	162.7	54.38	168.9	55.72	171.4	56.07	174.0	56.25	179.4	56.47	184.7	56.71	
110	10	173.3	17.71	206.7	21.58	230.7	25.64	237.4	27.76	252.4	29.87	258.3	30.71	275.7	31.21
	12	173.3	18.27	206.7	22.32	230.7	26.71	237.4	28.53	252.4	30.99	258.3	31.99	275.7	32.73
	14	173.3	18.84	206.7	23.32	230.7	27.91	237.4	29.96	252.4	32.56	258.3	33.48	275.7	34.20
	16	173.3	19.52	206.7	24.17	230.7	29.06	237.4	31.27	252.4	34.05	258.3	34.99	275.7	35.60
	18	173.3	20.23	206.7	25.19	230.7	30.74	237.4	32.93	252.4	35.92	258.3	36.64	275.7	37.32
	20	173.3	20.95	206.7	26.44	230.7	32.61	237.4	34.42	252.4	37.67	258.3	38.60	275.7	39.22
	21	173.3	21.42	206.7	27.22	230.7	33.45	237.4	35.36	252.4	38.72	258.3	39.70	275.7	40.31
	23	173.3	22.81	206.7	29.18	230.7	35.32	237.4	37.32	252.4	40.91	258.3	41.78	275.7	42.47
	25	173.3	24.38	206.7	31.14	230.7	37.29	237.4	39.47	252.4	43.21	258.3	43.84	272.4	44.74
	27	173.3	26.03	206.7	33.30	230.7	39.41	237.4	41.78	252.4	45.14	258.3	46.17	268.4	46.95
	29	173.3	27.81	206.7	35.54	230.7	41.65	237.4	44.24	252.4	47.70	258.3	48.51	264.9	49.26
	31	173.3	29.56	206.7	37.88	230.7	44.02	237.4	46.86	248.3	50.13	254.9	51.10	260.7	51.63
	33	173.3	31.53	206.7	40.34	230.7	46.51	237.4	49.67	244.9	52.94	250.7	53.81	257.4	54.10
	35	173.3	33.48	206.7	43.08	230.7	49.11	237.4	52.63	240.7	55.87	246.7	56.37	253.3	56.66
	37	173.3	35.48	206.7	45.73	230.7	51.85	234.0	55.74	236.7	58.92	243.3	59.12	249.1	59.27
	39	173.3	38.26	206.7	48.58	226.7	54.71	230.0	59.64	233.3	61.83	239.1	61.92	245.8	61.99
	41	168.9	41.04	201.3	51.45	216.9	57.69	220.3	64.51	223.1	64.51	229.7	65.01	235.4	65.54
	43	164.7	43.09	196.4	53.60	208.0	61.18	211.3	61.86	214.0	61.74	220.4	62.08	226.0	62.27
46	154.4	42.06	184.0	51.75	189.6	58.06	192.9	58.06	195.4	58.55	201.4	58.89	206.7	59.05	
48	136.6	40.84	160.0	49.85	164.7	55.24	167.7	55.61	170.0	55.87	175.3	56.03	179.8	56.27	

7. Capacity Tables

Cooling Capacity (80HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	151.3	15.95	180.0	19.39	209.6	23.01	224.0	24.85	238.4	26.69	264.3	29.71	270.0	29.96
	12	151.3	16.46	180.0	20.18	209.6	23.79	224.0	25.53	238.4	27.56	264.3	31.33	270.0	31.64
	14	151.3	16.96	180.0	20.99	209.6	24.78	224.0	26.62	238.4	28.75	264.3	33.08	270.0	33.39
	16	151.3	17.49	180.0	21.67	209.6	25.85	224.0	27.88	238.4	30.28	264.3	34.67	270.0	35.17
	18	151.3	18.01	180.0	22.48	209.6	26.84	224.0	29.25	238.4	32.12	264.3	36.63	270.0	36.92
	20	151.3	18.65	180.0	23.33	209.6	28.40	224.0	31.33	238.4	34.36	264.3	38.38	270.0	38.69
	21	151.3	19.04	180.0	23.88	209.6	29.37	224.0	32.40	238.4	35.63	264.3	39.26	270.0	39.57
	23	151.3	20.18	180.0	25.57	209.6	31.53	224.0	34.77	238.4	38.19	264.3	41.12	270.0	41.44
	25	151.3	21.45	180.0	27.22	209.6	33.68	224.0	37.20	238.4	40.84	264.3	42.87	268.0	43.21
	27	151.3	22.92	180.0	29.08	209.6	36.04	224.0	39.75	238.4	43.40	259.3	44.89	264.7	45.24
	29	151.3	24.38	180.0	31.05	209.6	38.48	224.0	42.49	238.4	45.95	254.4	46.70	260.7	47.07
	31	151.3	26.03	180.0	33.09	209.6	41.03	224.0	45.33	238.4	48.27	250.6	48.49	256.7	48.89
	33	151.3	27.62	180.0	35.26	209.6	43.77	224.0	48.36	238.4	50.10	246.6	50.29	252.7	50.70
	35	151.3	29.37	180.0	37.51	209.6	46.61	224.0	51.60	234.7	51.91	242.0	52.10	248.2	52.54
	37	151.3	31.46	180.0	40.22	209.6	49.36	224.0	54.06	230.9	54.32	237.6	54.54	243.3	55.06
	39	151.3	33.74	180.0	43.21	209.6	52.32	224.0	56.71	227.1	56.96	233.7	57.15	239.3	57.71
	41	148.7	35.98	177.1	46.20	206.3	55.26	214.9	59.34	219.6	59.58	224.7	59.79	232.0	60.36
	43	143.7	38.10	171.1	48.97	199.3	57.90	206.0	61.61	208.4	61.83	214.9	62.04	220.6	62.60
46	134.7	40.97	160.3	52.79	186.7	61.42	188.0	64.51	190.2	64.70	196.3	64.88	201.6	65.50	
48	119.1	35.39	141.8	45.68	161.1	52.50	163.6	54.72	165.3	54.91	170.7	55.03	175.3	55.46	
90	10	136.0	13.88	162.4	16.69	188.7	19.68	201.6	21.21	214.4	22.84	240.7	25.56	267.3	28.43
	12	136.0	14.05	162.4	16.96	188.7	20.02	201.6	21.65	214.4	23.34	240.7	26.06	267.3	28.93
	14	136.0	14.31	162.4	17.29	188.7	20.44	201.6	22.06	214.4	23.78	240.7	26.56	267.3	29.51
	16	136.0	14.56	162.4	17.62	188.7	20.87	201.6	22.50	214.4	24.18	240.7	27.06	267.3	30.02
	18	136.0	14.82	162.4	17.97	188.7	21.21	201.6	23.00	214.4	24.71	240.7	27.66	267.3	31.53
	20	136.0	15.09	162.4	18.32	188.7	21.65	201.6	23.43	214.4	25.65	240.7	29.60	267.3	33.03
	21	136.0	15.24	162.4	18.50	188.7	22.06	201.6	24.18	214.4	26.58	240.7	30.09	267.3	33.78
	23	136.0	15.59	162.4	19.25	188.7	23.59	201.6	25.99	214.4	28.47	240.7	31.91	263.6	35.37
	25	136.0	16.36	162.4	20.53	188.7	25.22	201.6	27.77	214.4	30.41	240.7	34.12	259.7	36.90
	27	136.0	17.46	162.4	21.91	188.7	26.93	201.6	29.66	214.4	32.55	240.7	36.27	256.0	38.62
	29	136.0	18.50	162.4	23.34	188.7	28.80	201.6	31.69	214.4	34.75	240.7	38.43	252.0	40.18
	31	136.0	19.68	162.4	24.88	188.7	30.68	201.6	33.74	214.4	37.06	240.7	40.34	248.3	41.75
	33	136.0	20.96	162.4	26.49	188.7	32.72	201.6	35.96	214.4	39.31	240.7	42.28	244.4	43.28
	35	136.0	22.24	162.4	28.12	188.7	34.75	201.6	38.34	214.4	41.68	236.7	44.72	240.7	45.74
	37	136.0	23.59	162.4	29.90	188.7	37.06	201.6	40.72	214.4	44.00	232.9	46.75	236.9	47.80
	39	136.0	24.99	162.4	31.80	188.7	39.22	201.6	43.34	214.4	46.27	229.1	49.28	233.1	49.87
	41	132.6	27.96	158.3	35.27	184.0	43.05	196.4	47.39	208.9	49.96	219.4	51.93	223.3	53.12
	43	129.3	30.19	154.3	38.12	179.4	47.03	191.6	51.05	203.7	53.56	210.4	55.62	214.3	56.28
46	121.1	33.96	144.7	43.40	168.0	53.58	179.6	57.87	185.1	59.50	192.0	61.06	195.7	61.15	
48	107.1	29.69	128.0	37.96	148.7	46.88	158.7	50.49	160.7	51.28	166.9	52.56	170.0	52.61	
80	10	120.7	11.69	144.0	14.03	167.3	16.47	179.3	17.77	191.3	19.06	214.4	21.74	237.6	23.61
	12	120.7	11.92	144.0	14.18	167.3	16.79	179.3	18.09	191.3	19.39	214.4	22.15	237.6	24.07
	14	120.7	12.09	144.0	14.53	167.3	17.04	179.3	18.40	191.3	19.70	214.4	22.56	237.6	24.54
	16	120.7	12.25	144.0	14.75	167.3	17.36	179.3	18.75	191.3	20.11	214.4	23.04	237.6	25.00
	18	120.7	12.49	144.0	15.00	167.3	17.68	179.3	19.06	191.3	20.51	214.4	23.44	237.6	25.55
	20	120.7	12.73	144.0	15.32	167.3	18.09	179.3	19.47	191.3	20.93	214.4	24.33	237.6	27.07
	21	120.7	12.82	144.0	15.50	167.3	18.25	179.3	19.70	191.3	21.43	214.4	25.11	237.6	27.79
	23	120.7	13.05	144.0	15.72	167.3	19.06	179.3	20.93	191.3	22.88	214.4	26.50	237.6	29.15
	25	120.7	13.55	144.0	16.79	167.3	20.45	179.3	22.38	191.3	24.49	214.4	28.36	237.6	31.19
	27	120.7	14.36	144.0	17.83	167.3	21.81	179.3	23.92	191.3	26.12	214.4	30.14	237.6	32.80
	29	120.7	15.25	144.0	19.06	167.3	23.19	179.3	25.46	191.3	27.90	214.4	32.30	237.6	35.11
	31	120.7	16.23	144.0	20.20	167.3	24.74	179.3	27.17	191.3	29.68	214.4	34.26	237.6	36.87
	33	120.7	17.21	144.0	21.58	167.3	26.37	179.3	28.96	191.3	31.64	214.4	36.11	237.6	38.67
	35	120.7	18.25	144.0	22.88	167.3	28.07	179.3	30.82	191.3	33.75	214.4	38.29	235.1	40.05
	37	120.7	19.32	144.0	24.32	167.3	29.77	179.3	32.77	191.3	35.86	214.4	40.40	231.3	41.88
	39	120.7	20.40	144.0	25.72	167.3	31.85	179.3	35.23	191.3	38.54	214.4	42.69	227.4	44.18
	41	117.7	22.56	140.3	28.49	162.9	34.95	174.7	38.61	186.3	42.32	208.9	47.51	218.0	48.96
	43	114.7	24.84	136.9	31.10	158.9	38.16	170.3	42.10	181.7	46.26	203.7	50.83	208.9	52.41
46	107.6	27.64	128.3	35.02	148.9	42.98	159.6	46.83	170.3	52.21	186.3	55.49	190.7	56.37	
48	95.3	24.14	113.4	30.63	131.7	37.59	141.3	40.91	150.7	45.69	161.8	48.03	165.7	48.52	

7. Capacity Tables

Cooling Capacity (80HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	105.6	10.30	126.4	12.24	146.4	14.18	156.7	15.32	167.3	16.37	187.3	18.65	208.0	20.85
	12	105.6	10.45	126.4	12.40	146.4	14.52	156.7	15.58	167.3	16.72	187.3	18.98	208.0	21.26
	14	105.6	10.62	126.4	12.56	146.4	14.75	156.7	15.80	167.3	16.94	187.3	19.38	208.0	21.64
	16	105.6	10.78	126.4	12.81	146.4	15.01	156.7	16.15	167.3	17.27	187.3	19.71	208.0	22.12
	18	105.6	10.93	126.4	13.06	146.4	15.32	156.7	16.46	167.3	17.60	187.3	20.02	208.0	22.50
	20	105.6	11.12	126.4	13.28	146.4	15.58	156.7	16.79	167.3	18.00	187.3	20.50	208.0	23.35
	21	105.6	11.28	126.4	13.38	146.4	15.73	156.7	16.94	167.3	18.15	187.3	20.85	208.0	23.84
	23	105.6	11.44	126.4	13.70	146.4	16.05	156.7	17.51	167.3	19.07	187.3	22.30	208.0	25.17
	25	105.6	11.59	126.4	14.18	146.4	17.10	156.7	18.72	167.3	20.35	187.3	23.84	208.0	26.41
	27	105.6	12.24	126.4	15.16	146.4	18.24	156.7	19.86	167.3	21.73	187.3	25.46	208.0	28.07
	29	105.6	13.06	126.4	16.05	146.4	19.38	156.7	21.16	167.3	23.11	187.3	27.17	208.0	30.07
	31	105.6	13.86	126.4	17.10	146.4	20.69	156.7	22.63	167.3	24.66	187.3	28.95	208.0	31.91
	33	105.6	14.68	126.4	18.08	146.4	21.97	156.7	23.99	167.3	26.19	187.3	30.80	208.0	33.95
	35	105.6	15.48	126.4	19.30	146.4	23.35	156.7	25.55	167.3	27.90	187.3	32.83	208.0	36.01
	37	105.6	16.46	126.4	20.44	146.4	24.82	156.7	27.17	167.3	29.68	187.3	34.96	208.0	38.01
	39	105.6	17.48	126.4	21.80	146.4	26.53	156.7	29.23	167.3	32.06	187.3	37.40	208.0	40.97
	41	102.9	19.32	123.1	23.88	142.7	29.11	152.7	32.06	162.9	34.86	182.4	41.09	202.7	44.20
	43	100.4	21.04	120.0	26.03	139.1	31.75	149.1	34.96	158.9	38.05	178.0	44.88	197.6	47.78
46	94.0	23.37	112.6	29.27	130.4	35.75	139.6	38.93	148.9	42.91	166.7	50.63	185.3	53.26	
48	83.3	20.41	99.6	25.55	115.3	31.27	123.6	34.04	131.7	37.53	147.4	44.31	164.0	46.09	
60	10	90.4	8.92	108.0	10.45	125.6	12.16	134.4	13.05	143.3	13.85	160.7	15.73	178.4	17.59
	12	90.4	9.07	108.0	10.61	125.6	12.31	134.4	13.21	143.3	14.11	160.7	15.97	178.4	17.92
	14	90.4	9.16	108.0	10.78	125.6	12.56	134.4	13.46	143.3	14.35	160.7	16.28	178.4	18.23
	16	90.4	9.33	108.0	11.02	125.6	12.73	134.4	13.69	143.3	14.68	160.7	16.61	178.4	18.56
	18	90.4	9.49	108.0	11.19	125.6	12.97	134.4	13.94	143.3	14.91	160.7	16.87	178.4	18.97
	20	90.4	9.64	108.0	11.35	125.6	13.21	134.4	14.18	143.3	15.16	160.7	17.18	178.4	19.37
	21	90.4	9.72	108.0	11.44	125.6	13.37	134.4	14.35	143.3	15.32	160.7	17.44	178.4	19.53
	23	90.4	9.88	108.0	11.67	125.6	13.54	134.4	14.59	143.3	15.64	160.7	18.08	178.4	20.75
	25	90.4	10.06	108.0	11.92	125.6	14.11	134.4	15.32	143.3	16.61	160.7	19.30	178.4	22.22
	27	90.4	10.38	108.0	12.56	125.6	15.00	134.4	16.28	143.3	17.66	160.7	20.51	178.4	23.66
	29	90.4	11.02	108.0	13.37	125.6	15.97	134.4	17.35	143.3	18.82	160.7	21.89	178.4	25.29
	31	90.4	11.67	108.0	14.18	125.6	16.93	134.4	18.47	143.3	20.03	160.7	23.34	178.4	26.90
	33	90.4	12.31	108.0	15.00	125.6	17.99	134.4	19.61	143.3	21.32	160.7	24.81	178.4	28.70
	35	90.4	13.05	108.0	15.97	125.6	19.13	134.4	20.84	143.3	22.61	160.7	26.42	178.4	30.48
	37	90.4	13.78	108.0	16.85	125.6	20.26	134.4	22.13	143.3	23.99	160.7	28.05	178.4	32.41
	39	90.4	14.65	108.0	17.95	125.6	21.87	134.4	23.75	143.3	25.81	160.7	30.07	178.4	34.75
	41	88.0	15.90	105.3	19.63	122.4	23.75	130.9	25.94	139.6	28.02	156.7	33.00	174.0	37.76
	43	86.0	17.28	102.7	21.38	119.3	25.90	127.7	28.27	136.0	30.56	152.7	36.03	169.6	41.23
46	80.6	19.33	96.2	24.01	112.0	29.12	119.7	31.77	127.6	34.40	143.3	40.58	158.9	46.99	
48	71.3	16.85	85.1	20.94	98.9	25.45	106.0	27.76	112.7	30.04	126.7	35.49	140.6	41.10	
50	10	75.6	7.70	90.4	8.92	104.7	10.13	112.0	10.87	119.3	11.51	133.6	12.97	148.7	14.42
	12	75.6	7.79	90.4	8.99	104.7	10.28	112.0	11.02	119.3	11.74	133.6	13.20	148.7	14.68
	14	75.6	7.86	90.4	9.15	104.7	10.45	112.0	11.18	119.3	11.90	133.6	13.36	148.7	14.91
	16	75.6	8.02	90.4	9.32	104.7	10.61	112.0	11.42	119.3	12.07	133.6	13.61	148.7	15.16
	18	75.6	8.11	90.4	9.41	104.7	10.77	112.0	11.58	119.3	12.32	133.6	13.85	148.7	15.49
	20	75.6	8.18	90.4	9.56	104.7	11.02	112.0	11.74	119.3	12.55	133.6	14.10	148.7	15.81
	21	75.6	8.27	90.4	9.64	104.7	11.09	112.0	11.90	119.3	12.64	133.6	14.26	148.7	15.97
	23	75.6	8.44	90.4	9.80	104.7	11.26	112.0	12.07	119.3	12.88	133.6	14.52	148.7	16.29
	25	75.6	8.51	90.4	9.96	104.7	11.51	112.0	12.32	119.3	13.29	133.6	15.23	148.7	17.43
	27	75.6	8.67	90.4	10.28	104.7	12.16	112.0	13.13	119.3	14.10	133.6	16.29	148.7	18.55
	29	75.6	9.15	90.4	10.94	104.7	12.88	112.0	13.94	119.3	15.00	133.6	17.26	148.7	19.69
	31	75.6	9.64	90.4	11.58	104.7	13.69	112.0	14.74	119.3	15.97	133.6	18.40	148.7	20.98
	33	75.6	10.21	90.4	12.23	104.7	14.52	112.0	15.64	119.3	16.95	133.6	19.53	148.7	22.37
	35	75.6	10.77	90.4	12.97	104.7	15.33	112.0	16.62	119.3	17.91	133.6	20.67	148.7	23.74
	37	75.6	11.42	90.4	13.69	104.7	16.21	112.0	17.59	119.3	18.95	133.6	22.05	148.7	25.20
	39	75.6	12.19	90.4	14.68	104.7	17.37	112.0	18.92	119.3	20.34	133.6	23.47	148.7	27.23
	41	73.6	13.19	88.0	15.88	102.0	18.99	109.1	20.50	116.0	22.05	130.2	25.74	144.9	29.55
	43	72.0	14.33	86.0	17.28	99.6	20.67	106.4	22.31	113.3	24.00	126.9	28.06	141.4	32.24
46	67.3	16.04	80.6	19.38	93.3	23.18	99.7	25.07	106.0	26.94	118.9	31.57	132.6	36.31	
48	59.6	13.98	71.3	16.91	82.6	20.21	88.3	21.89	94.0	23.51	105.3	27.59	117.3	31.72	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM820BTE5

Cooling Capacity (82HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	209.8	23.02	250.1	28.13	267.9	32.63	275.6	33.31	283.3	33.57	297.0	33.83	304.7	33.96
	12	209.8	23.58	250.1	29.14	267.9	33.97	275.6	34.19	283.3	34.47	297.0	34.75	304.7	35.05
	14	209.8	24.38	250.1	30.20	267.9	35.25	275.6	35.51	283.3	35.80	297.0	36.06	304.7	36.40
	16	209.8	25.27	250.1	31.24	267.9	36.82	275.6	37.18	283.3	37.47	297.0	37.81	304.7	38.10
	18	209.8	26.33	250.1	33.04	267.9	38.52	275.6	39.35	283.3	39.67	297.0	40.06	304.7	40.33
	20	209.8	27.48	250.1	35.21	267.9	40.43	275.6	43.28	283.3	43.64	292.7	44.07	300.4	44.36
	21	209.8	28.20	250.1	36.45	267.9	41.27	275.6	45.80	283.3	46.17	291.1	46.63	298.6	46.95
	23	209.8	30.27	250.1	38.34	267.9	43.41	275.6	50.55	279.7	50.95	286.7	51.47	294.5	51.80
	25	209.8	32.33	250.1	40.55	267.9	46.40	272.4	56.06	275.6	56.52	283.3	57.07	291.1	57.47
	27	209.8	34.59	250.1	43.34	264.5	49.44	267.9	61.71	272.4	62.20	279.7	62.83	286.7	63.25
	29	209.8	36.86	250.1	46.33	260.3	53.18	264.0	67.83	267.9	68.23	275.6	68.85	283.3	69.12
	31	209.8	39.33	249.2	48.82	256.0	56.58	260.3	67.54	264.0	67.94	271.3	68.55	279.1	68.82
	33	209.8	41.91	244.9	51.71	252.6	60.68	256.7	66.91	260.3	67.34	267.9	67.93	274.7	68.20
	35	209.8	44.68	240.5	54.16	248.3	65.73	252.6	66.06	256.7	66.45	263.7	67.05	271.3	67.30
	37	209.8	47.65	237.1	56.84	244.9	64.85	248.3	65.18	252.6	65.57	259.4	66.15	267.2	66.42
	39	209.8	50.75	233.0	59.83	240.5	63.99	244.9	64.30	248.3	64.69	256.0	65.27	263.7	65.53
	41	204.6	53.83	223.4	62.81	230.9	63.11	234.4	63.43	238.9	63.80	246.0	64.39	252.8	64.65
	43	199.5	56.77	213.9	61.93	221.4	62.25	224.8	62.56	229.3	62.94	236.4	63.50	242.8	63.74
46	187.0	60.76	195.2	60.65	202.3	60.95	205.4	61.25	209.8	61.63	216.3	62.16	222.3	62.42	
48	165.4	59.08	169.5	59.24	175.9	59.37	178.6	59.54	182.5	60.06	188.3	60.43	193.6	60.66	
120	10	194.1	20.71	230.9	25.39	252.2	30.16	259.9	32.62	267.6	33.11	282.2	33.25	289.1	33.51
	12	194.1	21.27	230.9	26.26	252.2	31.38	259.9	33.31	267.6	34.35	282.2	34.75	289.1	35.04
	14	194.1	22.00	230.9	27.14	252.2	32.65	259.9	34.56	267.6	35.60	282.2	36.13	289.1	36.42
	16	194.1	22.79	230.9	28.25	252.2	33.91	259.9	35.84	267.6	37.25	282.2	37.71	289.1	38.00
	18	194.1	23.68	230.9	29.51	252.2	35.27	259.9	37.74	267.6	39.17	282.2	39.61	289.1	39.93
	20	194.1	24.59	230.9	31.31	252.2	37.18	259.9	39.70	267.6	41.24	282.2	41.77	289.1	42.12
	21	194.1	25.34	230.9	32.42	252.2	38.20	259.9	40.88	267.6	42.60	282.2	43.15	289.1	43.48
	23	194.1	27.08	230.9	34.69	252.2	40.94	259.9	43.44	267.6	45.41	282.2	45.87	289.1	46.24
	25	194.1	28.92	230.9	37.18	252.2	43.18	259.9	46.29	267.6	48.69	278.8	49.11	285.6	49.51
	27	194.1	30.88	230.9	39.74	252.2	45.96	259.9	49.47	267.6	52.33	274.4	52.69	281.5	53.11
	29	194.1	32.95	230.9	42.42	252.2	48.36	259.9	52.95	263.3	55.78	270.2	56.61	277.9	57.07
	31	194.1	35.11	230.9	45.30	252.2	50.85	256.5	56.72	259.9	59.83	266.8	60.89	273.6	61.38
	33	194.1	37.37	230.9	48.29	248.8	53.80	252.2	61.57	255.6	64.23	262.4	64.98	269.3	65.50
	35	194.1	39.74	230.9	51.47	244.6	56.95	248.0	67.83	252.2	68.16	259.0	68.36	265.8	68.91
	37	194.1	42.75	230.9	54.33	241.2	60.71	244.6	66.40	248.0	66.72	254.9	66.92	261.7	67.47
	39	194.1	46.03	230.0	57.41	236.9	64.39	240.3	65.04	243.7	65.37	251.5	65.57	258.3	66.06
	41	189.3	49.30	220.0	60.50	227.5	63.11	230.6	63.67	234.0	64.00	240.8	64.19	247.6	64.69
	43	184.5	52.62	210.7	59.63	218.0	61.70	221.1	62.30	224.5	62.62	231.0	62.81	237.8	63.31
46	172.9	56.58	192.1	58.22	199.1	59.77	202.0	60.26	205.0	60.55	211.4	60.75	217.6	61.22	
48	153.0	55.41	166.8	57.18	173.1	58.59	175.6	58.96	178.4	59.15	183.8	59.38	189.3	59.63	
110	10	177.7	18.62	211.8	22.69	236.5	26.96	243.3	29.19	258.7	31.41	264.7	32.30	282.6	32.82
	12	177.7	19.21	211.8	23.47	236.5	28.09	243.3	30.00	258.7	32.59	264.7	33.64	282.6	34.42
	14	177.7	19.81	211.8	24.52	236.5	29.35	243.3	31.50	258.7	34.23	264.7	35.21	282.6	35.96
	16	177.7	20.52	211.8	25.41	236.5	30.56	243.3	32.88	258.7	35.81	264.7	36.79	282.6	37.44
	18	177.7	21.27	211.8	26.49	236.5	32.33	243.3	34.62	258.7	37.77	264.7	38.52	282.6	39.24
	20	177.7	22.03	211.8	27.80	236.5	34.29	243.3	36.20	258.7	39.61	264.7	40.59	282.6	41.24
	21	177.7	22.53	211.8	28.62	236.5	35.18	243.3	37.18	258.7	40.71	264.7	41.74	282.6	42.39
	23	177.7	23.99	211.8	30.69	236.5	37.14	243.3	39.24	258.7	43.01	264.7	43.94	282.6	44.66
	25	177.7	25.64	211.8	32.74	236.5	39.22	243.3	41.50	258.7	45.44	264.7	46.10	279.2	47.05
	27	177.7	27.38	211.8	35.02	236.5	41.45	243.3	43.93	258.7	47.47	264.7	48.55	275.1	49.37
	29	177.7	29.24	211.8	37.37	236.5	43.80	243.3	46.52	258.7	50.16	264.7	51.01	271.6	51.80
	31	177.7	31.08	211.8	39.84	236.5	46.29	243.3	49.28	254.5	52.71	261.3	53.73	267.2	54.29
	33	177.7	33.15	211.8	42.42	236.5	48.91	243.3	52.23	251.0	55.66	257.0	56.58	263.8	56.89
	35	177.7	35.21	211.8	45.30	236.5	51.64	243.3	55.34	246.7	58.75	252.8	59.28	259.7	59.58
	37	177.7	37.31	211.8	48.09	236.5	54.52	239.9	58.62	242.6	61.96	249.4	62.16	255.3	62.33
	39	177.7	40.23	211.8	51.08	232.3	57.53	235.7	62.71	239.2	65.02	245.1	65.12	251.9	65.18
	41	173.1	43.15	206.4	54.10	222.3	60.66	225.8	67.83	228.7	67.83	235.5	68.36	241.2	68.91
	43	168.8	45.31	201.3	56.36	213.2	64.33	216.6	65.05	219.4	64.92	225.9	65.28	231.6	65.48
46	158.2	44.23	188.6	54.42	194.4	61.05	197.8	61.05	200.3	61.57	206.4	61.93	211.8	62.09	
48	140.0	42.95	164.0	52.42	168.8	58.09	171.9	58.48	174.2	58.76	179.7	58.92	184.3	59.17	

7. Capacity Tables

Cooling Capacity (82HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	155.1	16.78	184.5	20.39	214.8	24.19	229.6	26.13	244.4	28.07	270.9	31.25	276.8	31.50
	12	155.1	17.31	184.5	21.22	214.8	25.01	229.6	26.84	244.4	28.98	270.9	32.95	276.8	33.27
	14	155.1	17.84	184.5	22.07	214.8	26.06	229.6	28.00	244.4	30.23	270.9	34.79	276.8	35.11
	16	155.1	18.39	184.5	22.79	214.8	27.18	229.6	29.31	244.4	31.84	270.9	36.45	276.8	36.98
	18	155.1	18.94	184.5	23.64	214.8	28.22	229.6	30.76	244.4	33.77	270.9	38.52	276.8	38.82
	20	155.1	19.61	184.5	24.53	214.8	29.86	229.6	32.95	244.4	36.13	270.9	40.36	276.8	40.69
	21	155.1	20.03	184.5	25.12	214.8	30.88	229.6	34.07	244.4	37.47	270.9	41.28	276.8	41.61
	23	155.1	21.22	184.5	26.88	214.8	33.15	229.6	36.56	244.4	40.16	270.9	43.24	276.8	43.57
	25	155.1	22.55	184.5	28.62	214.8	35.41	229.6	39.12	244.4	42.94	270.9	45.08	274.7	45.44
	27	155.1	24.10	184.5	30.58	214.8	37.90	229.6	41.80	244.4	45.64	265.8	47.21	271.3	47.58
	29	155.1	25.64	184.5	32.65	214.8	40.46	229.6	44.68	244.4	48.32	260.7	49.10	267.2	49.50
	31	155.1	27.38	184.5	34.79	214.8	43.15	229.6	47.67	244.4	50.76	256.9	50.99	263.1	51.41
	33	155.1	29.05	184.5	37.07	214.8	46.03	229.6	50.85	244.4	52.69	252.8	52.88	259.0	53.32
	35	155.1	30.88	184.5	39.44	214.8	49.01	229.6	54.26	240.6	54.58	248.1	54.79	254.5	55.24
	37	155.1	33.08	184.5	42.30	214.8	51.91	229.6	56.84	236.7	57.12	243.5	57.35	249.4	57.90
	39	155.1	35.48	184.5	45.44	214.8	55.02	229.6	59.63	232.7	59.90	239.6	60.10	245.3	60.68
	41	152.4	37.84	181.5	48.59	211.4	58.10	220.3	62.39	225.1	62.65	230.3	62.88	237.8	63.47
	43	147.3	40.06	175.3	51.50	204.3	60.89	211.2	64.79	213.6	65.02	220.3	65.24	226.1	65.83
46	138.0	43.08	164.3	55.51	191.3	64.58	192.7	67.83	195.0	68.03	201.2	68.22	206.6	68.87	
48	122.1	37.21	145.3	48.03	165.1	55.21	167.7	57.54	169.4	57.74	174.9	57.87	179.7	58.32	
90	10	139.4	14.54	166.5	17.49	193.4	20.63	206.6	22.23	219.8	23.94	246.7	26.79	274.0	29.80
	12	139.4	14.73	166.5	17.77	193.4	20.99	206.6	22.69	219.8	24.47	246.7	27.31	274.0	30.32
	14	139.4	15.00	166.5	18.12	193.4	21.42	206.6	23.13	219.8	24.92	246.7	27.84	274.0	30.93
	16	139.4	15.26	166.5	18.47	193.4	21.88	206.6	23.58	219.8	25.35	246.7	28.37	274.0	31.46
	18	139.4	15.53	166.5	18.84	193.4	22.23	206.6	24.10	219.8	25.90	246.7	28.99	274.0	33.05
	20	139.4	15.81	166.5	19.20	193.4	22.69	206.6	24.56	219.8	26.89	246.7	31.02	274.0	34.62
	21	139.4	15.98	166.5	19.39	193.4	23.13	206.6	25.35	219.8	27.86	246.7	31.53	274.0	35.41
	23	139.4	16.34	166.5	20.18	193.4	24.73	206.6	27.24	219.8	29.84	246.7	33.44	270.2	37.07
	25	139.4	17.15	166.5	21.52	193.4	26.43	206.6	29.11	219.8	31.87	246.7	35.76	266.2	38.68
	27	139.4	18.31	166.5	22.96	193.4	28.23	206.6	31.08	219.8	34.12	246.7	38.02	262.4	40.48
	29	139.4	19.39	166.5	24.47	193.4	30.19	206.6	33.21	219.8	36.42	246.7	40.28	258.3	42.12
	31	139.4	20.63	166.5	26.08	193.4	32.15	206.6	35.36	219.8	38.84	246.7	42.28	254.5	43.75
	33	139.4	21.97	166.5	27.77	193.4	34.29	206.6	37.69	219.8	41.20	246.7	44.32	250.5	45.36
	35	139.4	23.31	166.5	29.47	193.4	36.42	206.6	40.18	219.8	43.69	242.6	46.87	246.7	47.94
	37	139.4	24.73	166.5	31.34	193.4	38.84	206.6	42.68	219.8	46.11	238.7	49.00	242.8	50.10
	39	139.4	26.20	166.5	33.33	193.4	41.11	206.6	45.42	219.8	48.50	234.8	51.65	238.9	52.27
	41	135.9	29.31	162.2	36.97	188.6	45.13	201.3	49.68	214.2	52.37	224.9	54.43	228.9	55.68
	43	132.5	31.64	158.1	39.95	183.8	49.30	196.4	53.50	208.8	56.13	215.7	58.30	219.6	58.99
46	124.1	35.60	148.3	45.49	172.2	56.16	184.1	60.66	189.7	62.36	196.8	64.00	200.6	64.09	
48	109.8	31.11	131.2	39.79	152.4	49.13	162.7	52.92	164.7	53.75	171.1	55.09	174.3	55.15	
80	10	123.7	12.20	147.6	14.64	171.5	17.19	183.8	18.54	196.1	19.90	219.8	22.69	243.5	24.64
	12	123.7	12.44	147.6	14.80	171.5	17.53	183.8	18.88	196.1	20.23	219.8	23.12	243.5	25.12
	14	123.7	12.62	147.6	15.16	171.5	17.78	183.8	19.21	196.1	20.56	219.8	23.54	243.5	25.61
	16	123.7	12.79	147.6	15.40	171.5	18.12	183.8	19.57	196.1	20.99	219.8	24.04	243.5	26.09
	18	123.7	13.03	147.6	15.65	171.5	18.45	183.8	19.90	196.1	21.41	219.8	24.46	243.5	26.67
	20	123.7	13.29	147.6	15.99	171.5	18.88	183.8	20.33	196.1	21.84	219.8	25.40	243.5	28.25
	21	123.7	13.38	147.6	16.18	171.5	19.04	183.8	20.56	196.1	22.36	219.8	26.21	243.5	29.00
	23	123.7	13.63	147.6	16.41	171.5	19.90	183.8	21.84	196.1	23.88	219.8	27.66	243.5	30.43
	25	123.7	14.14	147.6	17.53	171.5	21.34	183.8	23.36	196.1	25.56	219.8	29.60	243.5	32.56
	27	123.7	14.99	147.6	18.61	171.5	22.76	183.8	24.97	196.1	27.26	219.8	31.45	243.5	34.24
	29	123.7	15.92	147.6	19.90	171.5	24.21	183.8	26.57	196.1	29.12	219.8	33.71	243.5	36.64
	31	123.7	16.93	147.6	21.08	171.5	25.82	183.8	28.36	196.1	30.98	219.8	35.75	243.5	38.48
	33	123.7	17.96	147.6	22.53	171.5	27.53	183.8	30.22	196.1	33.02	219.8	37.69	243.5	40.35
	35	123.7	19.04	147.6	23.88	171.5	29.30	183.8	32.17	196.1	35.22	219.8	39.96	240.9	41.81
	37	123.7	20.16	147.6	25.38	171.5	31.07	183.8	34.21	196.1	37.42	219.8	42.17	237.1	43.71
	39	123.7	21.29	147.6	26.84	171.5	33.25	183.8	36.77	196.1	40.22	219.8	44.56	233.1	46.12
	41	120.7	23.55	143.8	29.74	167.0	36.48	179.0	40.29	190.9	44.17	214.2	49.59	223.4	51.10
	43	117.6	25.93	140.3	32.46	162.9	39.83	174.5	43.94	186.3	48.28	208.8	53.05	214.2	54.70
46	110.3	28.84	131.5	36.55	152.6	44.86	163.6	48.88	174.5	54.49	190.9	57.92	195.4	58.84	
48	97.7	25.19	116.2	31.96	135.0	39.24	144.8	42.70	154.4	47.69	165.8	50.13	169.9	50.65	

7. Capacity Tables

Cooling Capacity (82HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	108.2	10.70	129.6	12.72	150.1	14.74	160.6	15.92	171.5	17.02	192.0	19.39	213.2	21.67
	12	108.2	10.86	129.6	12.89	150.1	15.09	160.6	16.19	171.5	17.37	192.0	19.72	213.2	22.10
	14	108.2	11.04	129.6	13.05	150.1	15.33	160.6	16.42	171.5	17.61	192.0	20.14	213.2	22.49
	16	108.2	11.20	129.6	13.32	150.1	15.60	160.6	16.78	171.5	17.95	192.0	20.48	213.2	22.99
	18	108.2	11.36	129.6	13.57	150.1	15.92	160.6	17.11	171.5	18.29	192.0	20.81	213.2	23.38
	20	108.2	11.56	129.6	13.81	150.1	16.19	160.6	17.45	171.5	18.70	192.0	21.31	213.2	24.27
	21	108.2	11.72	129.6	13.91	150.1	16.35	160.6	17.61	171.5	18.87	192.0	21.67	213.2	24.78
	23	108.2	11.89	129.6	14.24	150.1	16.68	160.6	18.20	171.5	19.82	192.0	23.18	213.2	26.16
	25	108.2	12.05	129.6	14.74	150.1	17.77	160.6	19.46	171.5	21.15	192.0	24.77	213.2	27.44
	27	108.2	12.72	129.6	15.76	150.1	18.96	160.6	20.64	171.5	22.59	192.0	26.46	213.2	29.17
	29	108.2	13.57	129.6	16.68	150.1	20.14	160.6	21.99	171.5	24.02	192.0	28.24	213.2	31.25
	31	108.2	14.40	129.6	17.77	150.1	21.50	160.6	23.52	171.5	25.63	192.0	30.09	213.2	33.16
	33	108.2	15.26	129.6	18.79	150.1	22.83	160.6	24.94	171.5	27.22	192.0	32.01	213.2	35.29
	35	108.2	16.09	129.6	20.05	150.1	24.27	160.6	26.55	171.5	28.99	192.0	34.12	213.2	37.43
	37	108.2	17.11	129.6	21.24	150.1	25.80	160.6	28.24	171.5	30.84	192.0	36.33	213.2	39.50
	39	108.2	18.16	129.6	22.65	150.1	27.58	160.6	30.38	171.5	33.32	192.0	38.87	213.2	42.58
	41	105.5	20.08	126.2	24.81	146.2	30.25	156.5	33.32	167.0	36.23	187.0	42.70	207.7	45.94
	43	102.9	21.87	123.0	27.05	142.6	33.00	152.8	36.33	162.9	39.55	182.4	46.64	202.6	49.65
46	96.4	24.29	115.5	30.42	133.7	37.16	143.1	40.46	152.6	44.59	170.8	52.62	189.9	55.36	
48	85.4	21.21	102.1	26.56	118.2	32.50	126.7	35.37	135.0	39.01	151.1	46.05	168.1	47.90	
60	10	92.7	9.23	110.7	10.82	128.7	12.58	137.8	13.51	146.9	14.33	164.7	16.28	182.9	18.21
	12	92.7	9.39	110.7	10.98	128.7	12.74	137.8	13.67	146.9	14.60	164.7	16.53	182.9	18.55
	14	92.7	9.48	110.7	11.15	128.7	13.00	137.8	13.93	146.9	14.85	164.7	16.85	182.9	18.87
	16	92.7	9.65	110.7	11.41	128.7	13.17	137.8	14.17	146.9	15.19	164.7	17.19	182.9	19.21
	18	92.7	9.82	110.7	11.58	128.7	13.43	137.8	14.43	146.9	15.43	164.7	17.45	182.9	19.64
	20	92.7	9.98	110.7	11.74	128.7	13.67	137.8	14.67	146.9	15.69	164.7	17.78	182.9	20.04
	21	92.7	10.06	110.7	11.84	128.7	13.84	137.8	14.85	146.9	15.85	164.7	18.05	182.9	20.21
	23	92.7	10.23	110.7	12.08	128.7	14.01	137.8	15.10	146.9	16.19	164.7	18.71	182.9	21.47
	25	92.7	10.41	110.7	12.34	128.7	14.60	137.8	15.85	146.9	17.19	164.7	19.97	182.9	22.99
	27	92.7	10.75	110.7	13.00	128.7	15.53	137.8	16.85	146.9	18.28	164.7	21.23	182.9	24.49
	29	92.7	11.41	110.7	13.84	128.7	16.53	137.8	17.95	146.9	19.47	164.7	22.65	182.9	26.17
	31	92.7	12.08	110.7	14.67	128.7	17.53	137.8	19.12	146.9	20.73	164.7	24.15	182.9	27.84
	33	92.7	12.74	110.7	15.53	128.7	18.62	137.8	20.30	146.9	22.06	164.7	25.67	182.9	29.70
	35	92.7	13.51	110.7	16.53	128.7	19.80	137.8	21.56	146.9	23.40	164.7	27.34	182.9	31.54
	37	92.7	14.26	110.7	17.44	128.7	20.97	137.8	22.90	146.9	24.83	164.7	29.03	182.9	33.54
	39	92.7	15.17	110.7	18.57	128.7	22.63	137.8	24.58	146.9	26.71	164.7	31.12	182.9	35.96
	41	90.2	16.46	107.9	20.31	125.5	24.58	134.2	26.84	143.1	29.00	160.6	34.15	178.3	39.07
	43	88.1	17.88	105.2	22.13	122.3	26.80	130.9	29.25	139.4	31.63	156.5	37.28	173.8	42.67
46	82.6	20.01	98.7	24.85	114.8	30.13	122.7	32.88	130.8	35.60	146.9	42.00	162.9	48.63	
48	73.1	17.44	87.2	21.67	101.4	26.34	108.6	28.73	115.5	31.09	129.8	36.73	144.2	42.54	
50	10	77.5	7.93	92.7	9.19	107.3	10.43	114.8	11.20	122.3	11.86	136.9	13.36	152.4	14.86
	12	77.5	8.02	92.7	9.27	107.3	10.60	114.8	11.36	122.3	12.10	136.9	13.60	152.4	15.12
	14	77.5	8.10	92.7	9.43	107.3	10.77	114.8	11.52	122.3	12.27	136.9	13.77	152.4	15.37
	16	77.5	8.27	92.7	9.60	107.3	10.93	114.8	11.77	122.3	12.44	136.9	14.02	152.4	15.62
	18	77.5	8.36	92.7	9.69	107.3	11.10	114.8	11.93	122.3	12.69	136.9	14.27	152.4	15.96
	20	77.5	8.43	92.7	9.86	107.3	11.36	114.8	12.10	122.3	12.94	136.9	14.53	152.4	16.29
	21	77.5	8.52	92.7	9.94	107.3	11.43	114.8	12.27	122.3	13.03	136.9	14.70	152.4	16.46
	23	77.5	8.70	92.7	10.10	107.3	11.60	114.8	12.44	122.3	13.27	136.9	14.96	152.4	16.79
	25	77.5	8.77	92.7	10.26	107.3	11.86	114.8	12.69	122.3	13.70	136.9	15.69	152.4	17.96
	27	77.5	8.93	92.7	10.60	107.3	12.53	114.8	13.53	122.3	14.53	136.9	16.79	152.4	19.12
	29	77.5	9.43	92.7	11.27	107.3	13.27	114.8	14.36	122.3	15.46	136.9	17.79	152.4	20.29
	31	77.5	9.94	92.7	11.93	107.3	14.11	114.8	15.19	122.3	16.46	136.9	18.96	152.4	21.62
	33	77.5	10.53	92.7	12.60	107.3	14.96	114.8	16.12	122.3	17.46	136.9	20.13	152.4	23.06
	35	77.5	11.10	92.7	13.36	107.3	15.79	114.8	17.13	122.3	18.46	136.9	21.30	152.4	24.46
	37	77.5	11.77	92.7	14.11	107.3	16.70	114.8	18.12	122.3	19.53	136.9	22.72	152.4	25.96
	39	77.5	12.56	92.7	15.13	107.3	17.90	114.8	19.50	122.3	20.96	136.9	24.19	152.4	28.06
	41	75.5	13.59	90.2	16.37	104.6	19.56	111.8	21.12	118.9	22.72	133.5	26.53	148.6	30.46
	43	73.8	14.76	88.1	17.80	102.1	21.30	109.1	22.99	116.2	24.73	130.1	28.92	144.9	33.23
46	69.0	16.53	82.6	19.97	95.7	23.89	102.2	25.83	108.7	27.77	121.9	32.53	135.9	37.42	
48	61.1	14.40	73.1	17.42	84.7	20.83	90.5	22.56	96.3	24.23	107.9	28.43	120.2	32.69	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM840BTE5

Cooling Capacity (84HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	214.9	24.03	256.2	29.37	274.4	34.06	282.4	34.78	290.2	35.05	304.2	35.32	312.2	35.46
	12	214.9	24.61	256.2	30.43	274.4	35.46	282.4	35.70	290.2	35.98	304.2	36.28	312.2	36.59
	14	214.9	25.46	256.2	31.53	274.4	36.80	282.4	37.07	290.2	37.38	304.2	37.65	312.2	38.00
	16	214.9	26.39	256.2	32.62	274.4	38.44	282.4	38.82	290.2	39.12	304.2	39.47	312.2	39.78
	18	214.9	27.49	256.2	34.50	274.4	40.22	282.4	41.08	290.2	41.42	304.2	41.83	312.2	42.10
	20	214.9	28.69	256.2	36.76	274.4	42.21	282.4	45.18	290.2	45.56	299.9	46.01	307.7	46.31
	21	214.9	29.44	256.2	38.06	274.4	43.09	282.4	47.82	290.2	48.20	298.2	48.68	305.9	49.02
	23	214.9	31.60	256.2	40.02	274.4	45.32	282.4	52.78	286.6	53.19	293.7	53.74	301.7	54.08
	25	214.9	33.75	256.2	42.34	274.4	48.44	279.0	58.53	282.4	59.01	290.2	59.59	298.2	60.00
	27	214.9	36.11	256.2	45.25	270.9	51.62	274.4	64.42	279.0	64.94	286.6	65.59	293.7	66.03
	29	214.9	38.48	256.2	48.37	266.7	55.52	270.5	70.82	274.4	71.23	282.4	71.88	290.2	72.16
	31	214.9	41.07	255.2	50.97	262.2	59.08	266.7	70.51	270.5	70.93	277.9	71.57	285.9	71.85
	33	214.9	43.75	250.9	53.98	258.7	63.36	262.9	69.86	266.7	70.31	274.4	70.92	281.4	71.20
	35	214.9	46.65	246.4	56.55	254.4	68.63	258.7	68.97	262.9	69.38	270.2	70.00	277.9	70.27
	37	214.9	49.74	242.9	59.35	250.9	67.71	254.4	68.05	258.7	68.46	265.7	69.07	273.7	69.35
	39	214.9	52.99	238.7	62.47	246.4	66.81	250.9	67.13	254.4	67.54	262.2	68.15	270.2	68.42
	41	209.6	56.20	228.9	65.58	236.6	65.89	240.1	66.23	244.7	66.61	252.0	67.23	259.0	67.50
	43	204.4	59.28	219.1	64.66	226.8	65.00	230.3	65.31	234.9	65.72	242.2	66.30	248.8	66.54
46	191.5	63.43	199.9	63.32	207.2	63.63	210.4	63.94	214.9	64.35	221.6	64.90	227.8	65.17	
48	169.4	61.68	173.6	61.85	180.2	61.99	183.0	62.16	186.9	62.71	192.9	63.09	198.4	63.33	
120	10	198.8	21.63	236.6	26.50	258.3	31.49	266.3	34.06	274.1	34.57	289.1	34.71	296.1	34.98
	12	198.8	22.21	236.6	27.42	258.3	32.76	266.3	34.78	274.1	35.87	289.1	36.28	296.1	36.59
	14	198.8	22.97	236.6	28.34	258.3	34.09	266.3	36.08	274.1	37.17	289.1	37.72	296.1	38.03
	16	198.8	23.79	236.6	29.50	258.3	35.40	266.3	37.41	274.1	38.89	289.1	39.37	296.1	39.67
	18	198.8	24.72	236.6	30.81	258.3	36.83	266.3	39.40	274.1	40.90	289.1	41.35	296.1	41.69
	20	198.8	25.67	236.6	32.69	258.3	38.82	266.3	41.45	274.1	43.06	289.1	43.61	296.1	43.98
	21	198.8	26.46	236.6	33.85	258.3	39.88	266.3	42.68	274.1	44.47	289.1	45.05	296.1	45.39
	23	198.8	28.27	236.6	36.22	258.3	42.75	266.3	45.35	274.1	47.41	289.1	47.89	296.1	48.27
	25	198.8	30.19	236.6	38.82	258.3	45.08	266.3	48.33	274.1	50.83	285.6	51.28	292.6	51.69
	27	198.8	32.24	236.6	41.49	258.3	47.99	266.3	51.65	274.1	54.63	281.1	55.01	288.4	55.45
	29	198.8	34.40	236.6	44.29	258.3	50.49	266.3	55.28	269.8	58.23	276.8	59.11	284.6	59.59
	31	198.8	36.66	236.6	47.30	258.3	53.09	262.8	59.22	266.3	62.47	273.3	63.57	280.3	64.08
	33	198.8	39.02	236.6	50.42	254.8	56.17	258.3	64.28	261.8	67.06	268.8	67.84	275.8	68.39
	35	198.8	41.49	236.6	53.74	250.6	59.46	254.1	70.82	258.3	71.16	265.3	71.37	272.3	71.95
	37	198.8	44.63	236.6	56.72	247.1	63.39	250.6	69.32	254.1	69.66	261.1	69.86	268.1	70.44
	39	198.8	48.06	235.6	59.94	242.6	67.23	246.1	67.91	249.6	68.25	257.6	68.46	264.6	68.97
	41	193.9	51.48	225.4	63.16	233.1	65.89	236.2	66.47	239.7	66.82	246.7	67.02	253.7	67.54
	43	189.0	54.94	215.9	62.26	223.3	64.42	226.5	65.04	230.0	65.38	236.6	65.58	243.6	66.10
46	177.1	59.08	196.7	60.79	204.0	62.40	206.9	62.91	210.0	63.22	216.6	63.43	222.9	63.91	
48	156.8	57.85	170.8	59.70	177.4	61.17	179.9	61.55	182.7	61.75	188.3	61.99	193.9	62.26	
110	10	182.0	19.44	217.0	23.69	242.2	28.14	249.2	30.47	265.0	32.79	271.2	33.72	289.5	34.26
	12	182.0	20.06	217.0	24.51	242.2	29.33	249.2	31.32	265.0	34.02	271.2	35.12	289.5	35.94
	14	182.0	20.68	217.0	25.60	242.2	30.64	249.2	32.89	265.0	35.74	271.2	36.76	289.5	37.55
	16	182.0	21.43	217.0	26.53	242.2	31.90	249.2	34.33	265.0	37.38	271.2	38.41	289.5	39.09
	18	182.0	22.21	217.0	27.66	242.2	33.75	249.2	36.15	265.0	39.43	271.2	40.22	289.5	40.97
	20	182.0	23.00	217.0	29.03	242.2	35.80	249.2	37.79	265.0	41.35	271.2	42.38	289.5	43.06
	21	182.0	23.52	217.0	29.88	242.2	36.73	249.2	38.82	265.0	42.51	271.2	43.58	289.5	44.26
	23	182.0	25.05	217.0	32.04	242.2	38.78	249.2	40.97	265.0	44.91	271.2	45.87	289.5	46.62
	25	182.0	26.77	217.0	34.19	242.2	40.94	249.2	43.33	265.0	47.44	271.2	48.13	286.0	49.12
	27	182.0	28.58	217.0	36.56	242.2	43.27	249.2	45.87	265.0	49.56	271.2	50.69	281.8	51.55
	29	182.0	30.53	217.0	39.02	242.2	45.73	249.2	48.57	265.0	52.37	271.2	53.26	278.2	54.08
	31	182.0	32.45	217.0	41.59	242.2	48.33	249.2	51.45	260.7	55.04	267.7	56.10	273.7	56.68
	33	182.0	34.61	217.0	44.29	242.2	51.07	249.2	54.53	257.2	58.12	263.2	59.08	270.2	59.39
	35	182.0	36.76	217.0	47.30	242.2	53.91	249.2	57.78	252.7	61.34	259.0	61.89	266.0	62.20
	37	182.0	38.95	217.0	50.21	242.2	56.92	245.7	61.20	248.5	64.69	255.5	64.90	261.5	65.07
	39	182.0	42.00	217.0	53.33	238.0	60.07	241.5	65.48	245.0	67.88	251.0	67.98	258.0	68.05
	41	177.4	45.05	211.4	56.48	227.8	63.33	231.3	70.82	234.2	70.82	241.2	71.37	247.1	71.95
	43	172.9	47.31	206.2	58.84	218.4	67.16	221.9	67.91	224.7	67.78	231.4	68.15	237.3	68.36
46	162.1	46.18	193.2	56.82	199.1	63.74	202.6	63.74	205.1	64.28	211.4	64.66	217.0	64.83	
48	143.5	44.84	168.0	54.73	172.9	60.65	176.1	61.06	178.5	61.34	184.1	61.51	188.7	61.78	

7. Capacity Tables

Cooling Capacity (84HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	158.9	17.52	189.0	21.29	220.1	25.26	235.2	27.28	250.3	29.30	277.5	32.62	283.5	32.89
	12	158.9	18.07	189.0	22.15	220.1	26.12	235.2	28.03	250.3	30.26	277.5	34.40	283.5	34.74
	14	158.9	18.62	189.0	23.04	220.1	27.21	235.2	29.23	250.3	31.56	277.5	36.32	283.5	36.66
	16	158.9	19.20	189.0	23.79	220.1	28.38	235.2	30.60	250.3	33.24	277.5	38.06	283.5	38.61
	18	158.9	19.78	189.0	24.68	220.1	29.47	235.2	32.11	250.3	35.26	277.5	40.22	283.5	40.53
	20	158.9	20.47	189.0	25.61	220.1	31.18	235.2	34.40	250.3	37.72	277.5	42.14	283.5	42.48
	21	158.9	20.91	189.0	26.22	220.1	32.24	235.2	35.57	250.3	39.12	277.5	43.10	283.5	43.44
	23	158.9	22.15	189.0	28.07	220.1	34.61	235.2	38.17	250.3	41.93	277.5	45.15	283.5	45.49
	25	158.9	23.55	189.0	29.88	220.1	36.97	235.2	40.84	250.3	44.84	277.5	47.07	281.4	47.44
	27	158.9	25.16	189.0	31.93	220.1	39.57	235.2	43.64	250.3	47.65	272.3	49.29	277.9	49.67
	29	158.9	26.77	189.0	34.09	220.1	42.24	235.2	46.65	250.3	50.45	267.1	51.27	273.7	51.68
	31	158.9	28.58	189.0	36.32	220.1	45.05	235.2	49.77	250.3	52.99	263.2	53.23	269.5	53.67
	33	158.9	30.33	189.0	38.71	220.1	48.06	235.2	53.09	250.3	55.01	259.0	55.21	265.3	55.66
	35	158.9	32.24	189.0	41.18	220.1	51.17	235.2	56.65	246.4	56.99	254.1	57.20	260.7	57.68
	37	158.9	34.54	189.0	44.16	220.1	54.19	235.2	59.35	242.5	59.63	249.5	59.87	255.5	60.45
	39	158.9	37.04	189.0	47.44	220.1	57.44	235.2	62.26	238.4	62.54	245.4	62.74	251.3	63.36
	41	156.1	39.50	185.9	50.73	216.6	60.66	225.7	65.14	230.6	65.41	235.9	65.65	243.6	66.27
	43	150.9	41.83	179.6	53.77	209.3	63.57	216.3	67.64	218.8	67.88	225.7	68.12	231.7	68.73
46	141.4	44.98	168.3	57.95	196.0	67.43	197.4	70.82	199.8	71.03	206.1	71.23	211.7	71.91	
48	125.0	38.85	148.8	50.15	169.1	57.64	171.8	60.07	173.6	60.28	179.2	60.42	184.1	60.89	
90	10	142.8	15.18	170.5	18.26	198.1	21.54	211.7	23.21	225.1	24.99	252.7	27.97	280.7	31.11
	12	142.8	15.38	170.5	18.56	198.1	21.91	211.7	23.69	225.1	25.54	252.7	28.51	280.7	31.66
	14	142.8	15.66	170.5	18.91	198.1	22.36	211.7	24.14	225.1	26.02	252.7	29.06	280.7	32.28
	16	142.8	15.93	170.5	19.28	198.1	22.84	211.7	24.62	225.1	26.46	252.7	29.61	280.7	32.85
	18	142.8	16.21	170.5	19.66	198.1	23.21	211.7	25.16	225.1	27.04	252.7	30.26	280.7	34.50
	20	142.8	16.51	170.5	20.04	198.1	23.69	211.7	25.64	225.1	28.07	252.7	32.38	280.7	36.14
	21	142.8	16.68	170.5	20.24	198.1	24.14	211.7	26.46	225.1	29.09	252.7	32.92	280.7	36.96
	23	142.8	17.06	170.5	21.06	198.1	25.81	211.7	28.44	225.1	31.15	252.7	34.91	276.8	38.70
	25	142.8	17.91	170.5	22.46	198.1	27.59	211.7	30.39	225.1	33.27	252.7	37.33	272.7	40.38
	27	142.8	19.11	170.5	23.97	198.1	29.47	211.7	32.45	225.1	35.62	252.7	39.69	268.8	42.26
	29	142.8	20.24	170.5	25.54	198.1	31.52	211.7	34.67	225.1	38.02	252.7	42.05	264.6	43.97
	31	142.8	21.54	170.5	27.22	198.1	33.57	211.7	36.92	225.1	40.55	252.7	44.14	260.7	45.68
	33	142.8	22.94	170.5	28.99	198.1	35.80	211.7	39.35	225.1	43.01	252.7	46.26	256.6	47.35
	35	142.8	24.34	170.5	30.77	198.1	38.02	211.7	41.95	225.1	45.61	248.5	48.93	252.7	50.05
	37	142.8	25.81	170.5	32.72	198.1	40.55	211.7	44.55	225.1	48.14	244.6	51.15	248.8	52.31
	39	142.8	27.35	170.5	34.80	198.1	42.91	211.7	47.42	225.1	50.63	240.5	53.92	244.7	54.57
	41	139.3	30.60	166.2	38.60	193.2	47.11	206.2	51.86	219.4	54.67	230.3	56.82	234.5	58.12
	43	135.8	33.03	162.0	41.71	188.3	51.46	201.2	55.86	213.9	58.60	220.9	60.86	225.0	61.58
46	127.1	37.16	151.9	47.49	176.4	58.63	188.6	63.32	194.3	65.10	201.6	66.81	205.5	66.91	
48	112.4	32.48	134.4	41.54	156.1	51.29	166.6	55.25	168.7	56.11	175.3	57.51	178.5	57.57	
80	10	126.7	12.74	151.2	15.28	175.7	17.95	188.3	19.36	200.9	20.77	225.1	23.69	249.5	25.72
	12	126.7	12.98	151.2	15.45	175.7	18.30	188.3	19.71	200.9	21.12	225.1	24.14	249.5	26.23
	14	126.7	13.18	151.2	15.83	175.7	18.57	188.3	20.05	200.9	21.46	225.1	24.58	249.5	26.74
	16	126.7	13.35	151.2	16.07	175.7	18.92	188.3	20.43	200.9	21.91	225.1	25.10	249.5	27.23
	18	126.7	13.60	151.2	16.34	175.7	19.26	188.3	20.77	200.9	22.35	225.1	25.54	249.5	27.84
	20	126.7	13.87	151.2	16.69	175.7	19.71	188.3	21.22	200.9	22.80	225.1	26.51	249.5	29.49
	21	126.7	13.97	151.2	16.89	175.7	19.88	188.3	21.46	200.9	23.35	225.1	27.36	249.5	30.28
	23	126.7	14.22	151.2	17.13	175.7	20.77	188.3	22.80	200.9	24.93	225.1	28.87	249.5	31.76
	25	126.7	14.76	151.2	18.30	175.7	22.28	188.3	24.38	200.9	26.68	225.1	30.90	249.5	33.99
	27	126.7	15.65	151.2	19.43	175.7	23.76	188.3	26.06	200.9	28.46	225.1	32.83	249.5	35.74
	29	126.7	16.62	151.2	20.77	175.7	25.27	188.3	27.74	200.9	30.39	225.1	35.19	249.5	38.25
	31	126.7	17.68	151.2	22.01	175.7	26.95	188.3	29.60	200.9	32.34	225.1	37.32	249.5	40.17
	33	126.7	18.75	151.2	23.52	175.7	28.74	188.3	31.55	200.9	34.47	225.1	39.35	249.5	42.13
	35	126.7	19.88	151.2	24.93	175.7	30.59	188.3	33.58	200.9	36.77	225.1	41.72	246.8	43.64
	37	126.7	21.05	151.2	26.50	175.7	32.44	188.3	35.71	200.9	39.07	225.1	44.02	242.9	45.63
	39	126.7	22.22	151.2	28.02	175.7	34.71	188.3	38.39	200.9	41.99	225.1	46.52	238.7	48.14
	41	123.6	24.58	147.3	31.04	171.1	38.08	183.4	42.06	195.6	46.11	219.4	51.77	228.9	53.35
	43	120.4	27.06	143.8	33.89	166.9	41.58	178.8	45.87	190.8	50.40	213.9	55.38	219.4	57.10
46	113.0	30.11	134.7	38.15	156.4	46.83	167.6	51.02	178.8	56.89	195.6	60.46	200.2	61.42	
48	100.1	26.30	119.0	33.37	138.3	40.96	148.4	44.57	158.2	49.78	169.8	52.33	174.0	52.87	

7. Capacity Tables

Cooling Capacity (84HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	110.9	11.17	132.7	13.28	153.7	15.38	164.5	16.62	175.7	17.76	196.7	20.24	218.4	22.62
	12	110.9	11.34	132.7	13.45	153.7	15.76	164.5	16.90	175.7	18.14	196.7	20.59	218.4	23.07
	14	110.9	11.52	132.7	13.62	153.7	16.00	164.5	17.14	175.7	18.38	196.7	21.03	218.4	23.48
	16	110.9	11.69	132.7	13.90	153.7	16.28	164.5	17.52	175.7	18.73	196.7	21.38	218.4	24.00
	18	110.9	11.86	132.7	14.17	153.7	16.62	164.5	17.86	175.7	19.10	196.7	21.72	218.4	24.41
	20	110.9	12.07	132.7	14.41	153.7	16.90	164.5	18.21	175.7	19.52	196.7	22.24	218.4	25.34
	21	110.9	12.24	132.7	14.52	153.7	17.07	164.5	18.38	175.7	19.69	196.7	22.62	218.4	25.86
	23	110.9	12.41	132.7	14.86	153.7	17.41	164.5	19.00	175.7	20.69	196.7	24.20	218.4	27.31
	25	110.9	12.58	132.7	15.38	153.7	18.55	164.5	20.31	175.7	22.07	196.7	25.86	218.4	28.65
	27	110.9	13.28	132.7	16.45	153.7	19.79	164.5	21.55	175.7	23.58	196.7	27.62	218.4	30.45
	29	110.9	14.17	132.7	17.41	153.7	21.03	164.5	22.96	175.7	25.07	196.7	29.48	218.4	32.62
	31	110.9	15.03	132.7	18.55	153.7	22.45	164.5	24.55	175.7	26.76	196.7	31.41	218.4	34.62
	33	110.9	15.93	132.7	19.62	153.7	23.83	164.5	26.03	175.7	28.41	196.7	33.41	218.4	36.83
	35	110.9	16.79	132.7	20.93	153.7	25.34	164.5	27.72	175.7	30.27	196.7	35.62	218.4	39.07
	37	110.9	17.86	132.7	22.17	153.7	26.93	164.5	29.48	175.7	32.20	196.7	37.93	218.4	41.24
	39	110.9	18.96	132.7	23.65	153.7	28.79	164.5	31.72	175.7	34.79	196.7	40.58	218.4	44.45
	41	108.1	20.96	129.2	25.90	149.8	31.58	160.3	34.79	171.1	37.82	191.5	44.58	212.8	47.96
	43	105.4	22.83	126.0	28.24	146.0	34.45	156.5	37.93	166.9	41.28	186.9	48.69	207.5	51.83
46	98.7	25.35	118.3	31.76	136.9	38.79	146.6	42.24	156.4	46.55	175.0	54.93	194.6	57.79	
48	87.5	22.14	104.6	27.72	121.1	33.93	129.8	36.93	138.3	40.72	154.7	48.07	172.2	50.00	
60	10	94.9	9.63	113.4	11.29	131.9	13.13	141.1	14.10	150.5	14.96	168.7	17.00	187.3	19.01
	12	94.9	9.80	113.4	11.46	131.9	13.30	141.1	14.27	150.5	15.24	168.7	17.25	187.3	19.36
	14	94.9	9.90	113.4	11.64	131.9	13.57	141.1	14.54	150.5	15.51	168.7	17.59	187.3	19.70
	16	94.9	10.08	113.4	11.91	131.9	13.75	141.1	14.79	150.5	15.86	168.7	17.94	187.3	20.05
	18	94.9	10.25	113.4	12.09	131.9	14.02	141.1	15.06	150.5	16.10	168.7	18.22	187.3	20.50
	20	94.9	10.42	113.4	12.26	131.9	14.27	141.1	15.31	150.5	16.38	168.7	18.56	187.3	20.92
	21	94.9	10.50	113.4	12.36	131.9	14.44	141.1	15.51	150.5	16.55	168.7	18.84	187.3	21.09
	23	94.9	10.67	113.4	12.61	131.9	14.62	141.1	15.76	150.5	16.90	168.7	19.53	187.3	22.41
	25	94.9	10.87	113.4	12.88	131.9	15.24	141.1	16.55	150.5	17.94	168.7	20.85	187.3	24.00
	27	94.9	11.22	113.4	13.57	131.9	16.21	141.1	17.59	150.5	19.08	168.7	22.16	187.3	25.56
	29	94.9	11.91	113.4	14.44	131.9	17.25	141.1	18.74	150.5	20.33	168.7	23.65	187.3	27.32
	31	94.9	12.61	113.4	15.31	131.9	18.29	141.1	19.95	150.5	21.64	168.7	25.21	187.3	29.06
	33	94.9	13.30	113.4	16.21	131.9	19.43	141.1	21.19	150.5	23.03	168.7	26.80	187.3	31.00
	35	94.9	14.10	113.4	17.25	131.9	20.67	141.1	22.51	150.5	24.42	168.7	28.54	187.3	32.93
	37	94.9	14.89	113.4	18.21	131.9	21.89	141.1	23.90	150.5	25.91	168.7	30.30	187.3	35.01
	39	94.9	15.83	113.4	19.39	131.9	23.62	141.1	25.66	150.5	27.88	168.7	32.48	187.3	37.54
	41	92.4	17.18	110.6	21.20	128.5	25.66	137.5	28.02	146.6	30.27	164.5	35.64	182.7	40.79
	43	90.3	18.67	107.8	23.10	125.3	27.98	134.1	30.54	142.8	33.01	160.3	38.92	178.1	44.54
46	84.7	20.88	101.1	25.94	117.6	31.45	125.7	34.32	134.0	37.16	150.5	43.84	166.9	50.77	
48	74.9	18.21	89.3	22.62	103.9	27.50	111.3	29.99	118.3	32.45	133.0	38.34	147.7	44.40	
50	10	79.4	8.28	94.9	9.60	109.9	10.89	117.6	11.69	125.3	12.38	140.3	13.95	156.1	15.51
	12	79.4	8.38	94.9	9.67	109.9	11.06	117.6	11.86	125.3	12.63	140.3	14.19	156.1	15.79
	14	79.4	8.45	94.9	9.84	109.9	11.24	117.6	12.03	125.3	12.80	140.3	14.37	156.1	16.04
	16	79.4	8.63	94.9	10.02	109.9	11.41	117.6	12.28	125.3	12.98	140.3	14.64	156.1	16.31
	18	79.4	8.73	94.9	10.12	109.9	11.58	117.6	12.45	125.3	13.25	140.3	14.89	156.1	16.66
	20	79.4	8.80	94.9	10.29	109.9	11.86	117.6	12.63	125.3	13.50	140.3	15.17	156.1	17.01
	21	79.4	8.90	94.9	10.37	109.9	11.93	117.6	12.80	125.3	13.60	140.3	15.34	156.1	17.18
	23	79.4	9.08	94.9	10.54	109.9	12.11	117.6	12.98	125.3	13.85	140.3	15.62	156.1	17.53
	25	79.4	9.15	94.9	10.71	109.9	12.38	117.6	13.25	125.3	14.30	140.3	16.38	156.1	18.75
	27	79.4	9.32	94.9	11.06	109.9	13.08	117.6	14.12	125.3	15.17	140.3	17.53	156.1	19.96
	29	79.4	9.84	94.9	11.76	109.9	13.85	117.6	14.99	125.3	16.14	140.3	18.57	156.1	21.18
	31	79.4	10.37	94.9	12.45	109.9	14.72	117.6	15.86	125.3	17.18	140.3	19.79	156.1	22.57
	33	79.4	10.99	94.9	13.15	109.9	15.62	117.6	16.83	125.3	18.23	140.3	21.01	156.1	24.07
	35	79.4	11.58	94.9	13.95	109.9	16.49	117.6	17.88	125.3	19.27	140.3	22.23	156.1	25.53
	37	79.4	12.28	94.9	14.72	109.9	17.43	117.6	18.92	125.3	20.38	140.3	23.72	156.1	27.10
	39	79.4	13.11	94.9	15.79	109.9	18.68	117.6	20.35	125.3	21.88	140.3	25.25	156.1	29.29
	41	77.3	14.19	92.4	17.08	107.1	20.42	114.5	22.05	121.8	23.72	136.8	27.69	152.2	31.79
	43	75.6	15.41	90.3	18.58	104.6	22.23	111.7	24.00	119.0	25.81	133.3	30.19	148.4	34.68
46	70.7	17.25	84.7	20.84	98.0	24.94	104.7	26.96	111.3	28.98	124.9	33.95	139.3	39.06	
48	62.6	15.03	74.9	18.19	86.8	21.74	92.7	23.55	98.7	25.29	110.6	29.67	123.2	34.12	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM860BTE5

Cooling Capacity (86HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	220.0	24.71	262.3	30.20	280.9	35.02	289.2	35.75	297.1	36.04	311.4	36.32	319.6	36.46
	12	220.0	25.31	262.3	31.29	280.9	36.46	289.2	36.71	297.1	36.99	311.4	37.30	319.6	37.62
	14	220.0	26.18	262.3	32.41	280.9	37.83	289.2	38.11	297.1	38.43	311.4	38.71	319.6	39.07
	16	220.0	27.13	262.3	33.54	280.9	39.52	289.2	39.91	297.1	40.23	311.4	40.58	319.6	40.90
	18	220.0	28.26	262.3	35.48	280.9	41.35	289.2	42.23	297.1	42.58	311.4	43.01	319.6	43.29
	20	220.0	29.49	262.3	37.80	280.9	43.39	289.2	46.46	297.1	46.84	307.1	47.30	315.0	47.62
	21	220.0	30.27	262.3	39.13	280.9	44.31	289.2	49.17	297.1	49.55	305.3	50.05	313.2	50.40
	23	220.0	32.49	262.3	41.14	280.9	46.60	289.2	54.27	293.5	54.69	300.6	55.25	308.9	55.61
	25	220.0	34.70	262.3	43.53	280.9	49.80	285.6	60.18	289.2	60.67	297.1	61.27	305.3	61.69
	27	220.0	37.13	262.3	46.53	277.4	53.07	280.9	66.24	285.6	66.76	293.5	67.43	300.6	67.89
	29	220.0	39.56	262.3	49.73	273.0	57.09	277.0	72.81	280.9	73.24	289.2	73.91	297.1	74.19
	31	220.0	42.23	261.2	52.40	268.4	60.74	273.0	72.50	277.0	72.92	284.5	73.59	292.7	73.87
	33	220.0	44.98	256.9	55.50	264.8	65.14	269.1	71.83	273.0	72.29	280.9	72.92	288.1	73.20
	35	220.0	47.97	252.3	58.14	260.5	70.56	264.8	70.91	269.1	71.34	276.6	71.97	284.5	72.25
	37	220.0	51.14	248.7	61.02	256.9	69.61	260.5	69.97	264.8	70.39	272.0	71.02	280.2	71.30
	39	220.0	54.48	244.4	64.23	252.3	68.70	256.9	69.02	260.5	69.44	268.4	70.07	276.6	70.35
	41	214.6	57.79	234.3	67.43	242.2	67.75	245.8	68.10	250.5	68.49	258.0	69.12	265.2	69.40
	43	209.3	60.95	224.3	66.48	232.2	66.83	235.8	67.15	240.4	67.57	248.0	68.17	254.8	68.42
46	196.0	65.22	204.6	65.11	212.1	65.42	215.4	65.74	220.0	66.16	226.8	66.73	233.3	67.01	
48	173.4	63.42	177.7	63.60	184.5	63.74	187.4	63.91	191.4	64.47	197.5	64.86	203.2	65.11	
120	10	203.5	22.24	242.2	27.24	264.5	32.38	272.7	35.02	280.6	35.55	296.0	35.69	303.2	35.97
	12	203.5	22.84	242.2	28.19	264.5	33.68	272.7	35.75	280.6	36.88	296.0	37.31	303.2	37.62
	14	203.5	23.61	242.2	29.14	264.5	35.05	272.7	37.09	280.6	38.22	296.0	38.78	303.2	39.10
	16	203.5	24.46	242.2	30.33	264.5	36.39	272.7	38.47	280.6	39.98	296.0	40.47	303.2	40.79
	18	203.5	25.41	242.2	31.68	264.5	37.87	272.7	40.51	280.6	42.05	296.0	42.51	303.2	42.86
	20	203.5	26.39	242.2	33.61	264.5	39.91	272.7	42.62	280.6	44.27	296.0	44.84	303.2	45.22
	21	203.5	27.20	242.2	34.81	264.5	41.00	272.7	43.89	280.6	45.72	296.0	46.31	303.2	46.67
	23	203.5	29.07	242.2	37.24	264.5	43.96	272.7	46.63	280.6	48.74	296.0	49.24	303.2	49.62
	25	203.5	31.04	242.2	39.91	264.5	46.35	272.7	49.70	280.6	52.26	292.4	52.72	299.6	53.14
	27	203.5	33.15	242.2	42.66	264.5	49.34	272.7	53.11	280.6	56.17	287.8	56.56	295.2	57.01
	29	203.5	35.37	242.2	45.54	264.5	51.91	272.7	56.84	276.3	59.87	283.4	60.78	291.3	61.27
	31	203.5	37.69	242.2	48.64	264.5	54.59	269.1	60.89	272.7	64.23	279.9	65.36	287.0	65.88
	33	203.5	40.12	242.2	51.84	260.9	57.75	264.5	66.09	268.0	68.95	275.2	69.75	282.4	70.31
	35	203.5	42.66	242.2	55.25	256.6	61.13	260.1	72.81	264.5	73.17	271.6	73.38	278.8	73.98
	37	203.5	45.89	242.2	58.32	253.0	65.18	256.6	71.27	260.1	71.62	267.3	71.83	274.5	72.43
	39	203.5	49.41	241.2	61.62	248.3	69.12	251.9	69.82	255.5	70.17	263.7	70.38	270.9	70.92
	41	198.5	52.93	230.8	64.93	238.6	67.75	241.9	68.35	245.4	68.70	252.6	68.91	259.8	69.44
	43	193.5	56.48	221.1	64.02	228.6	66.24	231.9	66.87	235.4	67.22	242.3	67.43	249.4	67.96
46	181.3	60.74	201.4	62.50	208.9	64.16	211.8	64.69	215.0	65.00	221.8	65.21	228.3	65.71	
48	160.5	59.48	174.9	61.38	181.7	62.89	184.2	63.28	187.1	63.49	192.8	63.74	198.5	64.01	
110	10	186.3	19.99	222.2	24.36	248.0	28.93	255.1	31.32	271.3	33.72	277.7	34.66	296.4	35.23
	12	186.3	20.62	222.2	25.20	248.0	30.16	255.1	32.20	271.3	34.98	277.7	36.11	296.4	36.95
	14	186.3	21.26	222.2	26.32	248.0	31.50	255.1	33.82	271.3	36.74	277.7	37.80	296.4	38.60
	16	186.3	22.03	222.2	27.28	248.0	32.80	255.1	35.30	271.3	38.43	277.7	39.49	296.4	40.19
	18	186.3	22.84	222.2	28.43	248.0	34.70	255.1	37.16	271.3	40.54	277.7	41.35	296.4	42.13
	20	186.3	23.65	222.2	29.84	248.0	36.81	255.1	38.86	271.3	42.51	277.7	43.57	296.4	44.27
	21	186.3	24.18	222.2	30.72	248.0	37.76	255.1	39.91	271.3	43.71	277.7	44.80	296.4	45.51
	23	186.3	25.76	222.2	32.94	248.0	39.87	255.1	42.13	271.3	46.17	277.7	47.16	296.4	47.93
	25	186.3	27.52	222.2	35.16	248.0	42.09	255.1	44.55	271.3	48.78	277.7	49.48	292.8	50.50
	27	186.3	29.39	222.2	37.59	248.0	44.49	255.1	47.16	271.3	50.96	277.7	52.12	288.5	53.00
	29	186.3	31.39	222.2	40.12	248.0	47.02	255.1	49.94	271.3	53.84	277.7	54.76	284.9	55.60
	31	186.3	33.37	222.2	42.76	248.0	49.69	255.1	52.90	267.0	56.59	274.1	57.68	280.2	58.28
	33	186.3	35.58	222.2	45.54	248.0	52.51	255.1	56.06	263.4	59.76	269.5	60.74	276.6	61.06
	35	186.3	37.80	222.2	48.64	248.0	55.43	255.1	59.41	258.7	63.06	265.2	63.63	272.3	63.95
	37	186.3	40.05	222.2	51.63	248.0	58.53	251.6	62.93	254.4	66.51	261.6	66.73	267.7	66.91
	39	186.3	43.18	222.2	54.83	243.7	61.76	247.2	67.32	250.8	69.79	256.9	69.90	264.1	69.97
	41	181.7	46.32	216.4	58.07	233.3	65.11	236.9	72.81	239.8	72.81	246.9	73.38	253.0	73.98
	43	177.0	48.64	211.1	60.50	223.6	69.05	227.2	69.83	230.1	69.68	236.9	70.07	242.9	70.28
46	165.9	47.48	197.8	58.42	203.9	65.53	207.5	65.53	210.0	66.10	216.5	66.48	222.2	66.66	
48	146.9	46.10	172.0	56.27	177.0	62.36	180.3	62.78	182.7	63.07	188.5	63.24	193.2	63.52	

7. Capacity Tables

Cooling Capacity (86HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	162.7	18.02	193.5	21.89	225.4	25.97	240.8	28.05	256.2	30.13	284.2	33.54	290.3	33.82
	12	162.7	18.58	193.5	22.77	225.4	26.85	240.8	28.82	256.2	31.11	284.2	35.37	290.3	35.72
	14	162.7	19.15	193.5	23.69	225.4	27.98	240.8	30.05	256.2	32.45	284.2	37.34	290.3	37.69
	16	162.7	19.74	193.5	24.46	225.4	29.17	240.8	31.47	256.2	34.18	284.2	39.14	290.3	39.70
	18	162.7	20.34	193.5	25.38	225.4	30.30	240.8	33.01	256.2	36.25	284.2	41.35	290.3	41.67
	20	162.7	21.05	193.5	26.33	225.4	32.06	240.8	35.37	256.2	38.78	284.2	43.32	290.3	43.68
	21	162.7	21.50	193.5	26.96	225.4	33.15	240.8	36.57	256.2	40.23	284.2	44.31	290.3	44.66
	23	162.7	22.77	193.5	28.86	225.4	35.58	240.8	39.24	256.2	43.11	284.2	46.42	290.3	46.77
	25	162.7	24.21	193.5	30.72	225.4	38.01	240.8	41.99	256.2	46.10	284.2	48.39	288.1	48.78
	27	162.7	25.87	193.5	32.83	225.4	40.68	240.8	44.87	256.2	48.99	278.8	50.68	284.5	51.07
	29	162.7	27.52	193.5	35.05	225.4	43.43	240.8	47.97	256.2	51.87	273.4	52.72	280.2	53.14
	31	162.7	29.39	193.5	37.34	225.4	46.31	240.8	51.17	256.2	54.48	269.4	54.73	275.9	55.18
	33	162.7	31.18	193.5	39.80	225.4	49.41	240.8	54.59	256.2	56.55	265.1	56.77	271.6	57.23
	35	162.7	33.15	193.5	42.34	225.4	52.61	240.8	58.25	252.3	58.60	260.2	58.81	266.9	59.30
	37	162.7	35.51	193.5	45.40	225.4	55.71	240.8	61.02	248.3	61.31	255.5	61.56	261.6	62.15
	39	162.7	38.08	193.5	48.78	225.4	59.05	240.8	64.01	244.0	64.30	251.2	64.51	257.3	65.14
	41	159.8	40.62	190.3	52.15	221.8	62.37	231.1	66.97	236.1	67.25	241.5	67.50	249.4	68.13
	43	154.4	43.01	183.8	55.29	214.3	65.36	221.5	69.54	224.0	69.79	231.1	70.03	237.2	70.67
	46	144.8	46.25	172.4	59.58	200.7	69.33	202.1	72.81	204.6	73.03	211.1	73.24	216.8	73.94
	48	127.9	39.94	152.3	51.56	173.1	59.27	175.9	61.77	177.7	61.98	183.5	62.12	188.5	62.61
90	10	146.2	15.55	174.5	18.70	202.8	22.06	216.8	23.78	230.4	25.60	258.7	28.65	287.4	31.87
	12	146.2	15.76	174.5	19.01	202.8	22.45	216.8	24.27	230.4	26.16	258.7	29.21	287.4	32.43
	14	146.2	16.04	174.5	19.37	202.8	22.91	216.8	24.73	230.4	26.65	258.7	29.77	287.4	33.06
	16	146.2	16.32	174.5	19.75	202.8	23.39	216.8	25.21	230.4	27.11	258.7	30.33	287.4	33.65
	18	146.2	16.60	174.5	20.14	202.8	23.78	216.8	25.78	230.4	27.70	258.7	31.00	287.4	35.34
	20	146.2	16.91	174.5	20.52	202.8	24.27	216.8	26.27	230.4	28.75	258.7	33.17	287.4	37.02
	21	146.2	17.09	174.5	20.73	202.8	24.73	216.8	27.11	230.4	29.80	258.7	33.73	287.4	37.86
	23	146.2	17.48	174.5	21.57	202.8	26.44	216.8	29.14	230.4	31.90	258.7	35.76	283.4	39.65
	25	146.2	18.35	174.5	23.01	202.8	28.26	216.8	31.13	230.4	34.08	258.7	38.24	279.2	41.36
	27	146.2	19.58	174.5	24.55	202.8	30.19	216.8	33.23	230.4	36.49	258.7	40.66	275.2	43.29
	29	146.2	20.73	174.5	26.16	202.8	32.29	216.8	35.51	230.4	38.95	258.7	43.07	270.9	45.04
	31	146.2	22.06	174.5	27.88	202.8	34.39	216.8	37.82	230.4	41.54	258.7	45.21	267.0	46.79
	33	146.2	23.50	174.5	29.70	202.8	36.67	216.8	40.31	230.4	44.06	258.7	47.39	262.7	48.51
	35	146.2	24.93	174.5	31.52	202.8	38.95	216.8	42.97	230.4	46.72	254.4	50.12	258.7	51.27
	37	146.2	26.44	174.5	33.52	202.8	41.54	216.8	45.64	230.4	49.31	250.4	52.39	254.8	53.58
	39	146.2	28.02	174.5	35.65	202.8	43.95	216.8	48.57	230.4	51.87	246.2	55.23	250.5	55.90
	41	142.6	31.34	170.2	39.54	197.8	48.26	211.1	53.13	224.7	56.00	235.8	58.21	240.1	59.54
	43	139.0	33.83	165.9	42.72	192.8	52.71	206.0	57.22	219.0	60.03	226.1	62.34	230.4	63.08
	46	130.1	38.07	155.5	48.64	180.6	60.06	193.1	64.86	198.9	66.68	206.4	68.43	210.3	68.54
	48	115.1	33.27	137.6	42.55	159.8	52.53	170.6	56.59	172.7	57.47	179.5	58.91	182.8	58.98
80	10	129.7	13.01	154.8	15.60	179.9	18.34	192.8	19.77	205.7	21.21	230.4	24.19	255.5	26.26
	12	129.7	13.26	154.8	15.78	179.9	18.69	192.8	20.13	205.7	21.56	230.4	24.65	255.5	26.79
	14	129.7	13.46	154.8	16.16	179.9	18.97	192.8	20.48	205.7	21.92	230.4	25.10	255.5	27.31
	16	129.7	13.64	154.8	16.41	179.9	19.32	192.8	20.86	205.7	22.37	230.4	25.63	255.5	27.81
	18	129.7	13.89	154.8	16.69	179.9	19.67	192.8	21.21	205.7	22.83	230.4	26.09	255.5	28.43
	20	129.7	14.17	154.8	17.04	179.9	20.13	192.8	21.67	205.7	23.28	230.4	27.07	255.5	30.12
	21	129.7	14.27	154.8	17.25	179.9	20.30	192.8	21.92	205.7	23.84	230.4	27.94	255.5	30.92
	23	129.7	14.52	154.8	17.50	179.9	21.21	192.8	23.28	205.7	25.45	230.4	29.49	255.5	32.44
	25	129.7	15.08	154.8	18.69	179.9	22.75	192.8	24.90	205.7	27.25	230.4	31.56	255.5	34.71
	27	129.7	15.99	154.8	19.85	179.9	24.27	192.8	26.61	205.7	29.07	230.4	33.52	255.5	36.50
	29	129.7	16.97	154.8	21.21	179.9	25.81	192.8	28.33	205.7	31.03	230.4	35.94	255.5	39.06
	31	129.7	18.06	154.8	22.47	179.9	27.52	192.8	30.23	205.7	33.03	230.4	38.12	255.5	41.02
	33	129.7	19.14	154.8	24.02	179.9	29.35	192.8	32.22	205.7	35.20	230.4	40.18	255.5	43.02
	35	129.7	20.30	154.8	25.45	179.9	31.24	192.8	34.29	205.7	37.55	230.4	42.60	252.6	44.57
	37	129.7	21.49	154.8	27.07	179.9	33.13	192.8	36.46	205.7	39.90	230.4	44.95	248.7	46.60
	39	129.7	22.69	154.8	28.61	179.9	35.45	192.8	39.20	205.7	42.88	230.4	47.51	244.4	49.16
	41	126.5	25.11	150.9	31.70	175.2	38.88	187.8	42.95	200.3	47.09	224.7	52.87	234.3	54.49
	43	123.3	27.63	147.2	34.61	170.9	42.46	183.1	46.84	195.3	51.47	219.0	56.56	224.7	58.31
	46	115.7	30.75	137.9	38.96	160.2	47.83	171.6	52.11	183.1	58.10	200.3	61.75	205.0	62.73
	48	102.5	26.86	121.9	34.08	141.6	41.83	151.9	45.51	162.0	50.84	173.8	53.44	178.1	54.00

7. Capacity Tables

Cooling Capacity (86HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	113.6	11.37	135.8	13.52	157.3	15.66	168.4	16.92	179.9	18.08	201.4	20.61	223.6	23.03
	12	113.6	11.55	135.8	13.69	157.3	16.04	168.4	17.20	179.9	18.46	201.4	20.96	223.6	23.48
	14	113.6	11.73	135.8	13.87	157.3	16.29	168.4	17.45	179.9	18.71	201.4	21.41	223.6	23.91
	16	113.6	11.90	135.8	14.15	157.3	16.57	168.4	17.83	179.9	19.06	201.4	21.76	223.6	24.43
	18	113.6	12.08	135.8	14.43	157.3	16.92	168.4	18.18	179.9	19.45	201.4	22.12	223.6	24.85
	20	113.6	12.28	135.8	14.68	157.3	17.20	168.4	18.54	179.9	19.87	201.4	22.65	223.6	25.80
	21	113.6	12.46	135.8	14.78	157.3	17.38	168.4	18.71	179.9	20.05	201.4	23.03	223.6	26.33
	23	113.6	12.64	135.8	15.13	157.3	17.73	168.4	19.34	179.9	21.06	201.4	24.64	223.6	27.80
	25	113.6	12.81	135.8	15.66	157.3	18.89	168.4	20.68	179.9	22.47	201.4	26.33	223.6	29.17
	27	113.6	13.52	135.8	16.75	157.3	20.15	168.4	21.94	179.9	24.01	201.4	28.12	223.6	31.00
	29	113.6	14.43	135.8	17.73	157.3	21.41	168.4	23.38	179.9	25.52	201.4	30.01	223.6	33.21
	31	113.6	15.31	135.8	18.89	157.3	22.85	168.4	24.99	179.9	27.24	201.4	31.98	223.6	35.24
	33	113.6	16.22	135.8	19.97	157.3	24.26	168.4	26.51	179.9	28.93	201.4	34.02	223.6	37.49
	35	113.6	17.10	135.8	21.31	157.3	25.80	168.4	28.22	179.9	30.82	201.4	36.26	223.6	39.77
	37	113.6	18.18	135.8	22.57	157.3	27.42	168.4	30.01	179.9	32.79	201.4	38.61	223.6	41.98
	39	113.6	19.31	135.8	24.08	157.3	29.31	168.4	32.29	179.9	35.42	201.4	41.32	223.6	45.25
	41	110.7	21.34	132.3	26.37	153.4	32.15	164.1	35.42	175.2	38.51	196.0	45.39	217.9	48.83
	43	107.9	23.24	129.0	28.75	149.4	35.07	160.2	38.61	170.9	42.02	191.3	49.57	212.5	52.76
46	101.1	25.80	121.1	32.33	140.1	39.49	150.1	43.00	160.2	47.39	179.2	55.92	199.2	58.83	
48	89.6	22.54	107.1	28.23	124.0	34.54	132.9	37.59	141.6	41.46	158.4	48.93	176.3	50.90	
60	10	97.1	9.77	116.1	11.46	135.1	13.32	144.4	14.31	154.1	15.19	172.7	17.26	191.7	19.29
	12	97.1	9.95	116.1	11.64	135.1	13.50	144.4	14.48	154.1	15.46	172.7	17.50	191.7	19.65
	14	97.1	10.05	116.1	11.81	135.1	13.78	144.4	14.76	154.1	15.74	172.7	17.86	191.7	20.00
	16	97.1	10.23	116.1	12.09	135.1	13.95	144.4	15.01	154.1	16.10	172.7	18.21	191.7	20.35
	18	97.1	10.40	116.1	12.27	135.1	14.23	144.4	15.29	154.1	16.34	172.7	18.49	191.7	20.81
	20	97.1	10.58	116.1	12.44	135.1	14.48	144.4	15.54	154.1	16.62	172.7	18.84	191.7	21.23
	21	97.1	10.65	116.1	12.55	135.1	14.66	144.4	15.74	154.1	16.80	172.7	19.12	191.7	21.41
	23	97.1	10.83	116.1	12.79	135.1	14.83	144.4	15.99	154.1	17.15	172.7	19.82	191.7	22.74
	25	97.1	11.03	116.1	13.07	135.1	15.46	144.4	16.80	154.1	18.21	172.7	21.16	191.7	24.36
	27	97.1	11.39	116.1	13.78	135.1	16.45	144.4	17.86	154.1	19.37	172.7	22.49	191.7	25.94
	29	97.1	12.09	116.1	14.66	135.1	17.50	144.4	19.02	154.1	20.63	172.7	24.00	191.7	27.73
	31	97.1	12.79	116.1	15.54	135.1	18.56	144.4	20.25	154.1	21.96	172.7	25.59	191.7	29.49
	33	97.1	13.50	116.1	16.45	135.1	19.72	144.4	21.51	154.1	23.37	172.7	27.20	191.7	31.46
	35	97.1	14.31	116.1	17.50	135.1	20.98	144.4	22.85	154.1	24.78	172.7	28.96	191.7	33.42
	37	97.1	15.11	116.1	18.49	135.1	22.21	144.4	24.25	154.1	26.29	172.7	30.75	191.7	35.54
	39	97.1	16.06	116.1	19.68	135.1	23.97	144.4	26.04	154.1	28.30	172.7	32.97	191.7	38.10
	41	94.6	17.43	113.2	21.51	131.5	26.04	140.8	28.43	150.1	30.72	168.4	36.17	187.0	41.40
	43	92.4	18.94	110.4	23.44	128.3	28.40	137.3	31.00	146.2	33.50	164.1	39.50	182.4	45.20
46	86.7	21.20	103.5	26.32	120.4	31.92	128.6	34.83	137.2	37.71	154.1	44.50	170.9	51.52	
48	76.7	18.49	91.4	22.95	106.4	27.91	113.9	30.44	121.1	32.94	136.2	38.91	151.2	45.06	
50	10	81.3	8.38	97.1	9.71	112.5	11.02	120.4	11.82	128.3	12.53	143.7	14.11	159.8	15.70
	12	81.3	8.48	97.1	9.78	112.5	11.19	120.4	12.00	128.3	12.78	143.7	14.36	159.8	15.97
	14	81.3	8.55	97.1	9.96	112.5	11.37	120.4	12.18	128.3	12.95	143.7	14.54	159.8	16.22
	16	81.3	8.73	97.1	10.14	112.5	11.54	120.4	12.42	128.3	13.13	143.7	14.82	159.8	16.50
	18	81.3	8.83	97.1	10.24	112.5	11.72	120.4	12.60	128.3	13.41	143.7	15.06	159.8	16.85
	20	81.3	8.90	97.1	10.41	112.5	12.00	120.4	12.78	128.3	13.66	143.7	15.34	159.8	17.21
	21	81.3	9.01	97.1	10.49	112.5	12.07	120.4	12.95	128.3	13.76	143.7	15.52	159.8	17.38
	23	81.3	9.18	97.1	10.66	112.5	12.25	120.4	13.13	128.3	14.01	143.7	15.80	159.8	17.73
	25	81.3	9.26	97.1	10.84	112.5	12.53	120.4	13.41	128.3	14.46	143.7	16.58	159.8	18.97
	27	81.3	9.43	97.1	11.19	112.5	13.23	120.4	14.29	128.3	15.34	143.7	17.73	159.8	20.20
	29	81.3	9.96	97.1	11.90	112.5	14.01	120.4	15.17	128.3	16.33	143.7	18.79	159.8	21.43
	31	81.3	10.49	97.1	12.60	112.5	14.89	120.4	16.05	128.3	17.38	143.7	20.02	159.8	22.84
	33	81.3	11.12	97.1	13.30	112.5	15.80	120.4	17.03	128.3	18.44	143.7	21.25	159.8	24.35
	35	81.3	11.72	97.1	14.11	112.5	16.68	120.4	18.09	128.3	19.49	143.7	22.49	159.8	25.83
	37	81.3	12.42	97.1	14.89	112.5	17.63	120.4	19.14	128.3	20.62	143.7	24.00	159.8	27.42
	39	81.3	13.27	97.1	15.98	112.5	18.90	120.4	20.59	128.3	22.14	143.7	25.55	159.8	29.63
	41	79.2	14.36	94.6	17.28	109.7	20.66	117.2	22.31	124.7	24.00	140.1	28.01	155.9	32.17
	43	77.4	15.59	92.4	18.79	107.1	22.49	114.3	24.28	121.8	26.11	136.5	30.54	151.9	35.09
46	72.4	17.46	86.7	21.08	100.3	25.23	107.2	27.27	114.0	29.32	127.9	34.35	142.6	39.52	
48	64.1	15.20	76.7	18.40	88.8	22.00	94.9	23.82	101.0	25.58	113.2	30.02	126.1	34.52	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM880BTE5

Cooling Capacity (88HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	225.2	25.57	268.4	31.25	287.5	36.24	295.9	37.00	304.0	37.29	318.6	37.58	327.0	37.73
	12	225.2	26.19	268.4	32.37	287.5	37.73	295.9	37.98	304.0	38.28	318.6	38.60	327.0	38.93
	14	225.2	27.09	268.4	33.54	287.5	39.15	295.9	39.44	304.0	39.77	318.6	40.06	327.0	40.43
	16	225.2	28.08	268.4	34.71	287.5	40.90	295.9	41.30	304.0	41.63	318.6	41.99	327.0	42.32
	18	225.2	29.24	268.4	36.71	287.5	42.79	295.9	43.70	304.0	44.07	318.6	44.50	327.0	44.80
	20	225.2	30.52	268.4	39.11	287.5	44.90	295.9	48.07	304.0	48.47	314.2	48.95	322.3	49.28
	21	225.2	31.32	268.4	40.50	287.5	45.85	295.9	50.88	304.0	51.28	312.4	51.79	320.5	52.15
	23	225.2	33.62	268.4	42.58	287.5	48.22	295.9	56.16	300.3	56.59	307.6	57.17	316.0	57.54
	25	225.2	35.91	268.4	45.05	287.5	51.53	292.2	62.27	295.9	62.78	304.0	63.40	312.4	63.84
	27	225.2	38.42	268.4	48.15	283.8	54.92	287.5	68.54	292.2	69.09	300.3	69.78	307.6	70.25
	29	225.2	40.94	268.4	51.46	279.4	59.07	283.4	75.35	287.5	75.79	295.9	76.48	304.0	76.77
	31	225.2	43.70	267.3	54.23	274.6	62.85	279.4	75.02	283.4	75.46	291.1	76.15	299.5	76.44
	33	225.2	46.54	262.9	57.44	271.0	67.41	275.4	74.33	279.4	74.80	287.5	75.46	294.8	75.75
	35	225.2	49.64	258.1	60.16	266.5	73.02	271.0	73.38	275.4	73.82	283.0	74.47	291.1	74.77
	37	225.2	52.92	254.5	63.15	262.9	72.04	266.5	72.40	271.0	72.84	278.3	73.49	286.7	73.78
	39	225.2	56.37	250.1	66.46	258.1	71.09	262.9	71.42	266.5	71.85	274.6	72.51	283.0	72.80
	41	219.6	59.80	239.8	69.78	247.8	70.11	251.5	70.47	256.3	70.87	264.0	71.52	271.3	71.81
	43	214.1	63.07	229.6	68.80	237.6	69.16	241.3	69.49	246.0	69.92	253.7	70.54	260.7	70.80
46	200.6	67.49	209.4	67.37	217.1	67.70	220.4	68.03	225.1	68.46	232.1	69.05	238.7	69.34	
48	177.5	65.62	181.9	65.81	188.8	65.95	191.8	66.14	195.8	66.72	202.0	67.12	207.9	67.38	
120	10	208.3	23.01	247.8	28.19	270.6	33.51	279.0	36.23	287.1	36.78	302.9	36.93	310.2	37.22
	12	208.3	23.63	247.8	29.17	270.6	34.85	279.0	37.00	287.1	38.16	302.9	38.61	310.2	38.93
	14	208.3	24.44	247.8	30.15	270.6	36.27	279.0	38.39	287.1	39.55	302.9	40.13	310.2	40.46
	16	208.3	25.31	247.8	31.39	270.6	37.66	279.0	39.81	287.1	41.37	302.9	41.88	310.2	42.21
	18	208.3	26.30	247.8	32.78	270.6	39.18	279.0	41.92	287.1	43.52	302.9	43.99	310.2	44.36
	20	208.3	27.31	247.8	34.78	270.6	41.30	279.0	44.10	287.1	45.81	302.9	46.40	310.2	46.79
	21	208.3	28.15	247.8	36.02	270.6	42.43	279.0	45.41	287.1	47.31	302.9	47.92	310.2	48.29
	23	208.3	30.08	247.8	38.53	270.6	45.49	279.0	48.25	287.1	50.44	302.9	50.95	310.2	51.35
	25	208.3	32.12	247.8	41.30	270.6	47.96	279.0	51.43	287.1	54.08	299.2	54.55	306.5	54.99
	27	208.3	34.31	247.8	44.14	270.6	51.06	279.0	54.96	287.1	58.13	294.5	58.52	302.1	59.00
	29	208.3	36.60	247.8	47.12	270.6	53.72	279.0	58.82	282.7	61.95	290.0	62.89	298.1	63.40
	31	208.3	39.00	247.8	50.33	270.6	56.49	275.4	63.00	279.0	66.46	286.4	67.63	293.7	68.18
	33	208.3	41.52	247.8	53.64	267.0	59.76	270.6	68.39	274.3	71.35	281.6	72.18	289.0	72.76
	35	208.3	44.14	247.8	57.18	262.5	63.26	266.2	75.35	270.6	75.71	278.0	75.93	285.3	76.55
	37	208.3	47.49	247.8	60.34	258.8	67.45	262.5	73.75	266.2	74.11	273.5	74.33	280.9	74.95
	39	208.3	51.13	246.8	63.77	254.1	71.53	257.8	72.25	261.4	72.62	269.9	72.83	277.2	73.39
	41	203.1	54.77	236.1	67.19	244.2	70.11	247.5	70.72	251.2	71.09	258.5	71.30	265.8	71.85
	43	198.0	58.45	226.2	66.25	233.9	68.54	237.3	69.20	240.9	69.56	247.9	69.78	255.2	70.32
46	185.5	62.86	206.1	64.68	213.8	66.39	216.7	66.94	220.0	67.27	226.9	67.48	233.6	68.00	
48	164.2	61.55	179.0	63.51	185.9	65.08	188.5	65.48	191.4	65.70	197.3	65.96	203.2	66.24	
110	10	190.7	20.69	227.3	25.20	253.8	29.94	261.1	32.41	277.6	34.89	284.2	35.87	303.2	36.46
	12	190.7	21.34	227.3	26.07	253.8	31.21	261.1	33.33	277.6	36.20	284.2	37.37	303.2	38.24
	14	190.7	22.00	227.3	27.24	253.8	32.60	261.1	35.00	277.6	38.02	284.2	39.11	303.2	39.95
	16	190.7	22.80	227.3	28.23	253.8	33.95	261.1	36.53	277.6	39.77	284.2	40.86	303.2	41.59
	18	190.7	23.63	227.3	29.42	253.8	35.91	261.1	38.46	277.6	41.96	284.2	42.79	303.2	43.59
	20	190.7	24.47	227.3	30.88	253.8	38.09	261.1	40.21	277.6	43.99	284.2	45.09	303.2	45.81
	21	190.7	25.02	227.3	31.79	253.8	39.07	261.1	41.30	277.6	45.23	284.2	46.36	303.2	47.09
	23	190.7	26.66	227.3	34.09	253.8	41.26	261.1	43.59	277.6	47.78	284.2	48.80	303.2	49.60
	25	190.7	28.48	227.3	36.38	253.8	43.56	261.1	46.10	277.6	50.48	284.2	51.20	299.6	52.26
	27	190.7	30.41	227.3	38.89	253.8	46.03	261.1	48.80	277.6	52.73	284.2	53.93	295.2	54.85
	29	190.7	32.48	227.3	41.52	253.8	48.66	261.1	51.68	277.6	55.72	284.2	56.67	291.5	57.54
	31	190.7	34.53	227.3	44.25	253.8	51.42	261.1	54.74	273.2	58.56	280.5	59.69	286.8	60.31
	33	190.7	36.82	227.3	47.12	253.8	54.33	261.1	58.01	269.5	61.84	275.8	62.86	283.1	63.19
	35	190.7	39.11	227.3	50.33	253.8	57.36	261.1	61.47	264.8	65.26	271.3	65.85	278.7	66.17
	37	190.7	41.45	227.3	53.42	253.8	60.56	257.4	65.12	260.3	68.83	267.7	69.05	273.9	69.23
	39	190.7	44.69	227.3	56.74	249.3	63.91	253.0	69.67	256.7	72.22	262.9	72.33	270.3	72.40
	41	185.9	47.93	221.5	60.09	238.7	67.38	242.4	75.35	245.3	75.35	252.6	75.93	258.9	76.55
	43	181.1	50.33	216.0	62.61	228.8	71.46	232.5	72.26	235.4	72.11	242.4	72.51	248.6	72.73
46	169.8	49.13	202.4	60.45	208.6	67.81	212.3	67.81	214.9	68.40	221.5	68.79	227.3	68.98	
48	150.3	47.71	176.0	58.23	181.1	64.53	184.4	64.97	187.0	65.26	192.8	65.45	197.7	65.73	

7. Capacity Tables

Cooling Capacity (88HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	166.4	18.64	198.0	22.65	230.6	26.87	246.4	29.03	262.2	31.18	290.8	34.71	297.0	35.00
	12	166.4	19.23	198.0	23.56	230.6	27.78	246.4	29.82	262.2	32.19	290.8	36.60	297.0	36.96
	14	166.4	19.81	198.0	24.51	230.6	28.95	246.4	31.10	262.2	33.58	290.8	38.64	297.0	39.00
	16	166.4	20.43	198.0	25.31	230.6	30.19	246.4	32.56	262.2	35.37	290.8	40.50	297.0	41.08
	18	166.4	21.05	198.0	26.26	230.6	31.35	246.4	34.16	262.2	37.51	290.8	42.79	297.0	43.12
	20	166.4	21.78	198.0	27.24	230.6	33.18	246.4	36.60	262.2	40.13	290.8	44.83	297.0	45.20
	21	166.4	22.25	198.0	27.90	230.6	34.31	246.4	37.84	262.2	41.63	290.8	45.85	297.0	46.22
	23	166.4	23.56	198.0	29.86	230.6	36.82	246.4	40.61	262.2	44.61	290.8	48.03	297.0	48.40
	25	166.4	25.05	198.0	31.79	230.6	39.33	246.4	43.45	262.2	47.71	290.8	50.07	294.8	50.48
	27	166.4	26.77	198.0	33.98	230.6	42.10	246.4	46.43	262.2	50.70	285.2	52.44	291.1	52.84
	29	166.4	28.48	198.0	36.27	230.6	44.94	246.4	49.64	262.2	53.68	279.8	54.55	286.7	54.99
	31	166.4	30.41	198.0	38.64	230.6	47.93	246.4	52.95	262.2	56.38	275.7	56.63	282.3	57.10
	33	166.4	32.26	198.0	41.19	230.6	51.13	246.4	56.49	262.2	58.52	271.3	58.75	277.9	59.22
	35	166.4	34.31	198.0	43.81	230.6	54.44	246.4	60.27	258.2	60.64	266.2	60.86	273.1	61.36
	37	166.4	36.75	198.0	46.98	230.6	57.65	246.4	63.15	254.1	63.44	261.4	63.70	267.6	64.31
	39	166.4	39.40	198.0	50.47	230.6	61.11	246.4	66.24	249.7	66.53	257.0	66.76	263.2	67.41
	41	163.6	42.03	194.7	53.97	227.0	64.54	236.5	69.31	241.6	69.59	247.2	69.85	255.2	70.50
	43	158.0	44.50	188.1	57.21	219.2	67.63	226.6	71.96	229.2	72.22	236.5	72.47	242.7	73.13
46	148.1	47.86	176.4	61.66	205.3	71.74	206.8	75.35	209.3	75.57	216.0	75.79	221.8	76.51	
48	130.9	41.33	155.9	53.35	177.1	61.33	180.0	63.92	181.8	64.13	187.7	64.28	192.9	64.79	
90	10	149.6	16.07	178.6	19.33	207.6	22.80	221.8	24.57	235.8	26.45	264.8	29.60	294.0	32.93
	12	149.6	16.29	178.6	19.65	207.6	23.20	221.8	25.08	235.8	27.04	264.8	30.18	294.0	33.51
	14	149.6	16.58	178.6	20.02	207.6	23.67	221.8	25.55	235.8	27.54	264.8	30.76	294.0	34.17
	16	149.6	16.87	178.6	20.41	207.6	24.18	221.8	26.06	235.8	28.01	264.8	31.34	294.0	34.78
	18	149.6	17.16	178.6	20.81	207.6	24.57	221.8	26.64	235.8	28.63	264.8	32.03	294.0	36.52
	20	149.6	17.48	178.6	21.21	207.6	25.08	221.8	27.14	235.8	29.71	264.8	34.28	294.0	38.26
	21	149.6	17.66	178.6	21.42	207.6	25.55	221.8	28.01	235.8	30.80	264.8	34.85	294.0	39.13
	23	149.6	18.06	178.6	22.30	207.6	27.33	221.8	30.11	235.8	32.97	264.8	36.95	290.0	40.97
	25	149.6	18.96	178.6	23.78	207.6	29.21	221.8	32.17	235.8	35.22	264.8	39.52	285.6	42.74
	27	149.6	20.23	178.6	25.37	207.6	31.19	221.8	34.35	235.8	37.71	264.8	42.02	281.6	44.73
	29	149.6	21.42	178.6	27.04	207.6	33.37	221.8	36.70	235.8	40.25	264.8	44.51	277.2	46.54
	31	149.6	22.80	178.6	28.81	207.6	35.54	221.8	39.09	235.8	42.92	264.8	46.72	273.2	48.35
	33	149.6	24.28	178.6	30.69	207.6	37.89	221.8	41.65	235.8	45.53	264.8	48.97	268.8	50.13
	35	149.6	25.77	178.6	32.57	207.6	40.25	221.8	44.41	235.8	48.28	260.3	51.79	264.7	52.98
	37	149.6	27.33	178.6	34.64	207.6	42.92	221.8	47.16	235.8	50.96	256.3	54.14	260.7	55.37
	39	149.6	28.95	178.6	36.84	207.6	45.42	221.8	50.20	235.8	53.60	251.9	57.08	256.3	57.76
	41	145.9	32.39	174.1	40.86	202.4	49.87	216.0	54.90	229.9	57.87	241.3	60.15	245.7	61.53
	43	142.2	34.96	169.8	44.15	197.3	54.47	210.8	59.13	224.0	62.03	231.4	64.42	235.8	65.18
46	133.1	39.34	159.1	50.27	184.8	62.07	197.6	67.03	203.5	68.91	211.2	70.72	215.2	70.82	
48	117.7	34.38	140.8	43.97	163.5	54.29	174.6	58.48	176.8	59.39	183.7	60.87	187.0	60.95	
80	10	132.8	13.44	158.4	16.13	184.0	18.95	197.2	20.44	210.4	21.93	235.8	25.01	261.4	27.15
	12	132.8	13.70	158.4	16.31	184.0	19.32	197.2	20.80	210.4	22.29	235.8	25.48	261.4	27.69
	14	132.8	13.91	158.4	16.71	184.0	19.60	197.2	21.17	210.4	22.65	235.8	25.95	261.4	28.23
	16	132.8	14.10	158.4	16.96	184.0	19.97	197.2	21.56	210.4	23.13	235.8	26.49	261.4	28.74
	18	132.8	14.35	158.4	17.25	184.0	20.33	197.2	21.93	210.4	23.60	235.8	26.96	261.4	29.39
	20	132.8	14.64	158.4	17.62	184.0	20.80	197.2	22.40	210.4	24.07	235.8	27.98	261.4	31.13
	21	132.8	14.75	158.4	17.83	184.0	20.99	197.2	22.65	210.4	24.64	235.8	28.88	261.4	31.96
	23	132.8	15.01	158.4	18.09	184.0	21.93	197.2	24.07	210.4	26.31	235.8	30.48	261.4	33.53
	25	132.8	15.58	158.4	19.32	184.0	23.52	197.2	25.74	210.4	28.16	235.8	32.62	261.4	35.88
	27	132.8	16.52	158.4	20.52	184.0	25.08	197.2	27.51	210.4	30.04	235.8	34.65	261.4	37.73
	29	132.8	17.54	158.4	21.93	184.0	26.68	197.2	29.29	210.4	32.08	235.8	37.15	261.4	40.38
	31	132.8	18.66	158.4	23.23	184.0	28.45	197.2	31.24	210.4	34.14	235.8	39.40	261.4	42.40
	33	132.8	19.79	158.4	24.82	184.0	30.33	197.2	33.31	210.4	36.39	235.8	41.53	261.4	44.47
	35	132.8	20.99	158.4	26.31	184.0	32.29	197.2	35.45	210.4	38.82	235.8	44.03	258.5	46.07
	37	132.8	22.21	158.4	27.98	184.0	34.25	197.2	37.69	210.4	41.24	235.8	46.46	254.5	48.17
	39	132.8	23.45	158.4	29.57	184.0	36.64	197.2	40.52	210.4	44.32	235.8	49.11	250.1	50.81
	41	129.4	25.95	154.4	32.76	179.3	40.19	192.1	44.40	205.0	48.68	229.9	54.65	239.8	56.32
	43	126.2	28.56	150.7	35.77	174.9	43.89	187.4	48.42	199.8	53.21	224.0	58.46	229.9	60.28
46	118.4	31.79	141.1	40.27	163.9	49.44	175.6	53.86	187.4	60.05	205.0	63.82	209.7	64.84	
48	104.8	27.76	124.7	35.23	144.8	43.24	155.4	47.05	165.7	52.55	177.9	55.24	182.2	55.82	

7. Capacity Tables

Cooling Capacity (88HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	116.2	11.76	139.0	13.98	161.0	16.19	172.4	17.50	184.0	18.69	206.0	21.30	228.8	23.81
	12	116.2	11.94	139.0	14.16	161.0	16.58	172.4	17.78	184.0	19.09	206.0	21.67	228.8	24.28
	14	116.2	12.12	139.0	14.34	161.0	16.84	172.4	18.04	184.0	19.35	206.0	22.14	228.8	24.72
	16	116.2	12.31	139.0	14.63	161.0	17.13	172.4	18.44	184.0	19.71	206.0	22.50	228.8	25.26
	18	116.2	12.49	139.0	14.92	161.0	17.50	172.4	18.80	184.0	20.11	206.0	22.87	228.8	25.70
	20	116.2	12.70	139.0	15.17	161.0	17.78	172.4	19.16	184.0	20.55	206.0	23.41	228.8	26.68
	21	116.2	12.88	139.0	15.28	161.0	17.97	172.4	19.35	184.0	20.73	206.0	23.81	228.8	27.22
	23	116.2	13.06	139.0	15.64	161.0	18.33	172.4	20.00	184.0	21.77	206.0	25.48	228.8	28.75
	25	116.2	13.25	139.0	16.19	161.0	19.53	172.4	21.38	184.0	23.23	206.0	27.22	228.8	30.16
	27	116.2	13.98	139.0	17.31	161.0	20.83	172.4	22.69	184.0	24.82	206.0	29.07	228.8	32.05
	29	116.2	14.92	139.0	18.33	161.0	22.14	172.4	24.17	184.0	26.39	206.0	31.03	228.8	34.33
	31	116.2	15.83	139.0	19.53	161.0	23.63	172.4	25.84	184.0	28.16	206.0	33.06	228.8	36.44
	33	116.2	16.77	139.0	20.65	161.0	25.08	172.4	27.40	184.0	29.91	206.0	35.17	228.8	38.77
	35	116.2	17.68	139.0	22.03	161.0	26.68	172.4	29.18	184.0	31.87	206.0	37.49	228.8	41.12
	37	116.2	18.80	139.0	23.34	161.0	28.34	172.4	31.03	184.0	33.90	206.0	39.92	228.8	43.41
	39	116.2	19.96	139.0	24.90	161.0	30.31	172.4	33.39	184.0	36.62	206.0	42.72	228.8	46.78
	41	113.3	22.07	135.3	27.26	156.9	33.24	168.0	36.62	179.3	39.81	200.6	46.93	222.9	50.48
	43	110.4	24.03	132.0	29.72	152.9	36.26	163.9	39.92	174.9	43.45	195.8	51.25	217.4	54.55
46	103.4	26.68	123.9	33.43	143.4	40.83	153.6	44.46	163.9	49.00	183.3	57.82	203.8	60.83	
48	91.6	23.30	109.6	29.18	126.9	35.71	136.0	38.87	144.8	42.86	162.1	50.59	180.4	52.63	
60	10	99.4	10.11	118.8	11.85	138.2	13.78	147.8	14.79	157.6	15.71	176.8	17.84	196.2	19.95
	12	99.4	10.29	118.8	12.03	138.2	13.96	147.8	14.98	157.6	15.99	176.8	18.10	196.2	20.32
	14	99.4	10.39	118.8	12.22	138.2	14.25	147.8	15.26	157.6	16.28	176.8	18.47	196.2	20.68
	16	99.4	10.58	118.8	12.50	138.2	14.43	147.8	15.52	157.6	16.65	176.8	18.83	196.2	21.05
	18	99.4	10.76	118.8	12.69	138.2	14.72	147.8	15.81	157.6	16.90	176.8	19.12	196.2	21.52
	20	99.4	10.94	118.8	12.87	138.2	14.98	147.8	16.07	157.6	17.19	176.8	19.48	196.2	21.96
	21	99.4	11.02	118.8	12.97	138.2	15.16	147.8	16.28	157.6	17.37	176.8	19.77	196.2	22.14
	23	99.4	11.20	118.8	13.23	138.2	15.34	147.8	16.54	157.6	17.74	176.8	20.50	196.2	23.52
	25	99.4	11.41	118.8	13.52	138.2	15.99	147.8	17.37	157.6	18.83	176.8	21.88	196.2	25.19
	27	99.4	11.77	118.8	14.25	138.2	17.01	147.8	18.47	157.6	20.03	176.8	23.26	196.2	26.83
	29	99.4	12.50	118.8	15.16	138.2	18.10	147.8	19.67	157.6	21.33	176.8	24.82	196.2	28.68
	31	99.4	13.23	118.8	16.07	138.2	19.20	147.8	20.94	157.6	22.72	176.8	26.46	196.2	30.50
	33	99.4	13.96	118.8	17.01	138.2	20.39	147.8	22.24	157.6	24.17	176.8	28.13	196.2	32.53
	35	99.4	14.79	118.8	18.10	138.2	21.70	147.8	23.63	157.6	25.63	176.8	29.95	196.2	34.57
	37	99.4	15.63	118.8	19.12	138.2	22.97	147.8	25.08	157.6	27.19	176.8	31.80	196.2	36.75
	39	99.4	16.61	118.8	20.35	138.2	24.79	147.8	26.93	157.6	29.26	176.8	34.10	196.2	39.40
	41	96.8	18.03	115.8	22.25	134.6	26.93	144.1	29.41	153.6	31.77	172.3	37.41	191.4	42.82
	43	94.6	19.59	112.9	24.24	131.3	29.37	140.4	32.06	149.6	34.64	168.0	40.85	186.6	46.75
46	88.7	21.92	105.9	27.22	123.2	33.01	131.6	36.02	140.4	39.00	157.6	46.02	174.9	53.29	
48	78.4	19.12	93.5	23.74	108.9	28.86	116.6	31.48	124.0	34.06	139.3	40.24	154.7	46.60	
50	10	83.2	8.66	99.4	10.04	115.2	11.40	123.2	12.23	131.2	12.96	147.0	14.60	163.6	16.24
	12	83.2	8.77	99.4	10.12	115.2	11.58	123.2	12.41	131.2	13.22	147.0	14.86	163.6	16.52
	14	83.2	8.85	99.4	10.30	115.2	11.76	123.2	12.59	131.2	13.40	147.0	15.04	163.6	16.78
	16	83.2	9.03	99.4	10.49	115.2	11.94	123.2	12.85	131.2	13.58	147.0	15.33	163.6	17.07
	18	83.2	9.13	99.4	10.59	115.2	12.12	123.2	13.03	131.2	13.87	147.0	15.58	163.6	17.43
	20	83.2	9.21	99.4	10.77	115.2	12.41	123.2	13.22	131.2	14.13	147.0	15.87	163.6	17.80
	21	83.2	9.32	99.4	10.85	115.2	12.49	123.2	13.40	131.2	14.23	147.0	16.05	163.6	17.98
	23	83.2	9.50	99.4	11.03	115.2	12.67	123.2	13.58	131.2	14.49	147.0	16.34	163.6	18.34
	25	83.2	9.57	99.4	11.21	115.2	12.96	123.2	13.87	131.2	14.96	147.0	17.15	163.6	19.62
	27	83.2	9.76	99.4	11.58	115.2	13.69	123.2	14.78	131.2	15.87	147.0	18.34	163.6	20.89
	29	83.2	10.30	99.4	12.31	115.2	14.49	123.2	15.69	131.2	16.89	147.0	19.44	163.6	22.17
	31	83.2	10.85	99.4	13.03	115.2	15.40	123.2	16.60	131.2	17.98	147.0	20.71	163.6	23.63
	33	83.2	11.50	99.4	13.76	115.2	16.34	123.2	17.62	131.2	19.07	147.0	21.99	163.6	25.19
	35	83.2	12.12	99.4	14.60	115.2	17.25	123.2	18.71	131.2	20.17	147.0	23.26	163.6	26.72
	37	83.2	12.85	99.4	15.40	115.2	18.24	123.2	19.80	131.2	21.33	147.0	24.82	163.6	28.36
	39	83.2	13.72	99.4	16.53	115.2	19.55	123.2	21.30	131.2	22.90	147.0	26.43	163.6	30.65
	41	81.0	14.85	96.8	17.88	112.2	21.37	119.9	23.08	127.6	24.82	143.3	28.98	159.5	33.27
	43	79.2	16.13	94.6	19.44	109.6	23.26	117.0	25.12	124.7	27.01	139.7	31.60	155.5	36.29
46	74.1	18.06	88.7	21.81	102.7	26.10	109.6	28.21	116.6	30.33	130.9	35.53	145.9	40.88	
48	65.6	15.73	78.4	19.04	90.9	22.75	97.1	24.64	103.4	26.47	115.9	31.05	129.0	35.71	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM900BTE5

Cooling Capacity (90HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	230.3	25.23	274.5	30.83	294.0	35.76	302.6	36.51	310.9	36.79	325.9	37.08	334.5	37.23
	12	230.3	25.84	274.5	31.94	294.0	37.23	302.6	37.48	310.9	37.77	325.9	38.09	334.5	38.41
	14	230.3	26.73	274.5	33.09	294.0	38.63	302.6	38.92	310.9	39.24	325.9	39.53	334.5	39.89
	16	230.3	27.70	274.5	34.24	294.0	40.36	302.6	40.75	310.9	41.07	325.9	41.43	334.5	41.76
	18	230.3	28.86	274.5	36.22	294.0	42.22	302.6	43.12	310.9	43.48	325.9	43.91	334.5	44.20
	20	230.3	30.12	274.5	38.59	294.0	44.31	302.6	47.43	310.9	47.83	321.3	48.30	329.6	48.62
	21	230.3	30.91	274.5	39.96	294.0	45.24	302.6	50.20	310.9	50.60	319.5	51.10	327.8	51.46
	23	230.3	33.17	274.5	42.01	294.0	47.58	302.6	55.41	307.1	55.84	314.6	56.41	323.2	56.78
	25	230.3	35.43	274.5	44.45	294.0	50.85	298.9	61.45	302.6	61.95	310.9	62.56	319.5	62.99
	27	230.3	37.91	274.5	47.50	290.3	54.19	294.0	67.63	298.9	68.17	307.1	68.85	314.6	69.32
	29	230.3	40.39	274.5	50.78	285.7	58.29	289.9	74.35	294.0	74.78	302.6	75.46	310.9	75.75
	31	230.3	43.12	273.4	53.50	280.9	62.02	285.7	74.02	289.9	74.46	297.8	75.14	306.3	75.43
	33	230.3	45.92	268.9	56.67	277.1	66.51	281.6	73.34	285.7	73.80	294.0	74.45	301.5	74.74
	35	230.3	48.98	264.0	59.36	272.6	72.04	277.1	72.40	281.6	72.84	289.5	73.48	297.8	73.77
	37	230.3	52.21	260.3	62.31	268.9	71.08	272.6	71.44	277.1	71.87	284.6	72.51	293.2	72.80
	39	230.3	55.62	255.7	65.58	264.0	70.14	268.9	70.47	272.6	70.90	280.9	71.54	289.5	71.83
	41	224.6	59.00	245.2	68.85	253.5	69.17	257.2	69.53	262.1	69.93	270.0	70.57	277.5	70.86
	43	219.0	62.23	234.8	67.88	243.0	68.24	246.7	68.56	251.6	68.99	259.5	69.60	266.6	69.86
46	205.1	66.59	214.2	66.47	222.0	66.80	225.4	67.13	230.2	67.55	237.4	68.13	244.1	68.42	
48	181.5	64.75	186.0	64.93	193.1	65.08	196.1	65.26	200.3	65.83	206.6	66.23	212.6	66.48	
120	10	213.0	22.71	253.5	27.82	276.8	33.06	285.4	35.75	293.6	36.29	309.7	36.44	317.3	36.73
	12	213.0	23.32	253.5	28.78	276.8	34.39	285.4	36.51	293.6	37.66	309.7	38.09	317.3	38.41
	14	213.0	24.11	253.5	29.75	276.8	35.79	285.4	37.87	293.6	39.02	309.7	39.60	317.3	39.92
	16	213.0	24.97	253.5	30.97	276.8	37.16	285.4	39.28	293.6	40.82	309.7	41.32	317.3	41.65
	18	213.0	25.95	253.5	32.34	276.8	38.66	285.4	41.36	293.6	42.94	309.7	43.41	317.3	43.77
	20	213.0	26.95	253.5	34.31	276.8	40.75	285.4	43.52	293.6	45.20	309.7	45.78	317.3	46.17
	21	213.0	27.77	253.5	35.54	276.8	41.87	285.4	44.81	293.6	46.68	309.7	47.29	317.3	47.65
	23	213.0	29.68	253.5	38.02	276.8	44.88	285.4	47.61	293.6	49.77	309.7	50.27	317.3	50.67
	25	213.0	31.70	253.5	40.75	276.8	47.33	285.4	50.74	293.6	53.36	306.0	53.83	313.5	54.26
	27	213.0	33.85	253.5	43.55	276.8	50.38	285.4	54.22	293.6	57.35	301.2	57.75	309.0	58.21
	29	213.0	36.11	253.5	46.50	276.8	53.00	285.4	58.03	289.1	61.12	296.6	62.06	304.9	62.56
	31	213.0	38.48	253.5	49.66	276.8	55.74	281.6	62.17	285.4	65.58	292.9	66.73	300.4	67.27
	33	213.0	40.96	253.5	52.93	273.0	58.97	276.8	67.48	280.5	70.40	288.0	71.22	295.5	71.79
	35	213.0	43.55	253.5	56.42	268.5	62.42	272.2	74.35	276.8	74.71	284.3	74.92	291.8	75.53
	37	213.0	46.86	253.5	59.54	264.7	66.55	268.5	72.77	272.2	73.13	279.7	73.34	287.2	73.95
	39	213.0	50.45	252.4	62.92	259.9	70.57	263.6	71.29	267.4	71.65	276.0	71.86	283.5	72.41
	41	207.7	54.04	241.5	66.30	249.7	69.17	253.1	69.78	256.9	70.14	264.3	70.36	271.9	70.90
	43	202.5	57.67	231.4	65.36	239.3	67.63	242.7	68.28	246.4	68.63	253.5	68.85	261.0	69.39
46	189.8	62.02	210.8	63.82	218.6	65.51	221.7	66.05	225.0	66.37	232.1	66.58	238.9	67.09	
48	168.0	60.73	183.0	62.67	190.1	64.22	192.8	64.61	195.8	64.82	201.8	65.08	207.8	65.36	
110	10	195.0	20.41	232.5	24.87	259.5	29.54	267.0	31.98	283.9	34.43	290.6	35.39	310.1	35.97
	12	195.0	21.06	232.5	25.73	259.5	30.79	267.0	32.88	283.9	35.72	290.6	36.87	310.1	37.73
	14	195.0	21.70	232.5	26.88	259.5	32.16	267.0	34.53	283.9	37.52	290.6	38.59	310.1	39.42
	16	195.0	22.49	232.5	27.85	259.5	33.49	267.0	36.04	283.9	39.24	290.6	40.32	310.1	41.04
	18	195.0	23.32	232.5	29.03	259.5	35.43	267.0	37.94	283.9	41.40	290.6	42.22	310.1	43.01
	20	195.0	24.15	232.5	30.47	259.5	37.59	267.0	39.67	283.9	43.41	290.6	44.49	310.1	45.20
	21	195.0	24.69	232.5	31.37	259.5	38.55	267.0	40.75	283.9	44.63	290.6	45.74	310.1	46.46
	23	195.0	26.30	232.5	33.63	259.5	40.71	267.0	43.01	283.9	47.14	290.6	48.15	310.1	48.94
	25	195.0	28.10	232.5	35.90	259.5	42.98	267.0	45.49	283.9	49.80	290.6	50.52	306.4	51.56
	27	195.0	30.01	232.5	38.38	259.5	45.42	267.0	48.15	283.9	52.03	290.6	53.22	301.9	54.12
	29	195.0	32.05	232.5	40.96	259.5	48.01	267.0	50.99	283.9	54.98	290.6	55.91	298.1	56.77
	31	195.0	34.07	232.5	43.66	259.5	50.74	267.0	54.01	279.4	57.78	286.9	58.89	293.3	59.51
	33	195.0	36.33	232.5	46.50	259.5	53.61	267.0	57.24	275.6	61.01	282.0	62.02	289.5	62.35
	35	195.0	38.59	232.5	49.66	259.5	56.60	267.0	60.65	270.8	64.39	277.5	64.97	285.0	65.29
	37	195.0	40.89	232.5	52.71	259.5	59.76	263.3	64.25	266.2	67.91	273.7	68.13	280.1	68.31
	39	195.0	44.09	232.5	55.99	255.0	63.06	258.7	68.74	262.5	71.26	268.9	71.37	276.4	71.44
	41	190.1	47.29	226.5	59.29	244.1	66.48	247.9	74.35	250.9	74.35	258.4	74.92	264.8	75.53
	43	185.3	49.66	220.9	61.77	234.0	70.50	237.7	71.29	240.8	71.15	247.9	71.55	254.2	71.76
46	173.6	48.47	207.0	59.65	213.4	66.91	217.1	66.91	219.8	67.49	226.5	67.88	232.5	68.06	
48	153.7	47.07	180.0	57.46	185.3	63.67	188.6	64.10	191.2	64.40	197.2	64.58	202.2	64.86	

7. Capacity Tables

Cooling Capacity (90HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	170.2	18.40	202.5	22.35	235.9	26.52	252.0	28.64	268.1	30.76	297.4	34.25	303.8	34.53
	12	170.2	18.97	202.5	23.25	235.9	27.41	252.0	29.43	268.1	31.76	297.4	36.11	303.8	36.47
	14	170.2	19.55	202.5	24.18	235.9	28.57	252.0	30.69	268.1	33.13	297.4	38.12	303.8	38.48
	16	170.2	20.16	202.5	24.98	235.9	29.79	252.0	32.13	268.1	34.89	297.4	39.96	303.8	40.53
	18	170.2	20.77	202.5	25.91	235.9	30.94	252.0	33.71	268.1	37.01	297.4	42.22	303.8	42.55
	20	170.2	21.49	202.5	26.88	235.9	32.73	252.0	36.11	268.1	39.60	297.4	44.23	303.8	44.59
	21	170.2	21.95	202.5	27.53	235.9	33.85	252.0	37.34	268.1	41.07	297.4	45.24	303.8	45.60
	23	170.2	23.25	202.5	29.46	235.9	36.33	252.0	40.06	268.1	44.02	297.4	47.39	303.8	47.76
	25	170.2	24.72	202.5	31.37	235.9	38.81	252.0	42.87	268.1	47.07	297.4	49.41	301.5	49.80
	27	170.2	26.41	202.5	33.52	235.9	41.54	252.0	45.82	268.1	50.02	291.7	51.74	297.7	52.14
	29	170.2	28.10	202.5	35.79	235.9	44.34	252.0	48.98	268.1	52.96	286.1	53.83	293.2	54.26
	31	170.2	30.01	202.5	38.13	235.9	47.29	252.0	52.25	268.1	55.63	282.0	55.88	288.7	56.34
	33	170.2	31.83	202.5	40.64	235.9	50.45	252.0	55.74	268.1	57.74	277.5	57.96	284.2	58.43
	35	170.2	33.85	202.5	43.23	235.9	53.72	252.0	59.47	264.0	59.83	272.3	60.05	279.3	60.55
	37	170.2	36.26	202.5	46.35	235.9	56.89	252.0	62.31	259.9	62.60	267.3	62.85	273.7	63.46
	39	170.2	38.88	202.5	49.80	235.9	60.30	252.0	65.36	255.4	65.65	262.9	65.87	269.2	66.51
	41	167.3	41.47	199.2	53.25	232.1	63.68	241.9	68.38	247.1	68.67	252.8	68.92	261.0	69.56
	43	161.6	43.91	192.4	56.45	224.2	66.73	231.8	71.01	234.4	71.26	241.9	71.51	248.2	72.16
46	151.5	47.22	180.4	60.84	210.0	70.79	211.5	74.35	214.1	74.56	220.9	74.78	226.9	75.49	
48	133.9	40.78	159.4	52.64	181.2	60.51	184.1	63.07	186.0	63.28	192.0	63.42	197.2	63.93	
90	10	153.0	16.09	182.6	19.35	212.3	22.82	226.9	24.60	241.1	26.48	270.8	29.63	300.7	32.96
	12	153.0	16.30	182.6	19.67	212.3	23.22	226.9	25.10	241.1	27.06	270.8	30.21	300.7	33.54
	14	153.0	16.59	182.6	20.04	212.3	23.69	226.9	25.58	241.1	27.57	270.8	30.79	300.7	34.20
	16	153.0	16.88	182.6	20.43	212.3	24.20	226.9	26.08	241.1	28.04	270.8	31.37	300.7	34.81
	18	153.0	17.17	182.6	20.83	212.3	24.60	226.9	26.66	241.1	28.65	270.8	32.06	300.7	36.55
	20	153.0	17.49	182.6	21.23	212.3	25.10	226.9	27.17	241.1	29.74	270.8	34.31	300.7	38.29
	21	153.0	17.68	182.6	21.44	212.3	25.58	226.9	28.04	241.1	30.83	270.8	34.88	300.7	39.16
	23	153.0	18.08	182.6	22.32	212.3	27.35	226.9	30.14	241.1	33.00	270.8	36.99	296.6	41.01
	25	153.0	18.98	182.6	23.80	212.3	29.23	226.9	32.20	241.1	35.25	270.8	39.56	292.1	42.78
	27	153.0	20.25	182.6	25.39	212.3	31.22	226.9	34.38	241.1	37.74	270.8	42.06	288.0	44.77
	29	153.0	21.44	182.6	27.06	212.3	33.40	226.9	36.73	241.1	40.28	270.8	44.55	283.5	46.58
	31	153.0	22.82	182.6	28.84	212.3	35.57	226.9	39.12	241.1	42.96	270.8	46.77	279.4	48.39
	33	153.0	24.31	182.6	30.72	212.3	37.93	226.9	41.69	241.1	45.57	270.8	49.01	274.9	50.17
	35	153.0	25.79	182.6	32.60	212.3	40.28	226.9	44.45	241.1	48.32	266.2	51.84	270.8	53.03
	37	153.0	27.35	182.6	34.67	212.3	42.96	226.9	47.20	241.1	51.01	262.1	54.19	266.6	55.42
	39	153.0	28.98	182.6	36.88	212.3	45.46	226.9	50.24	241.1	53.65	257.6	57.13	262.1	57.82
	41	149.2	32.42	178.1	40.89	207.0	49.92	220.9	54.95	235.1	57.92	246.8	60.21	251.3	61.58
	43	145.5	34.99	173.6	44.19	201.8	54.52	215.6	59.19	229.1	62.09	236.6	64.48	241.1	65.24
46	136.2	39.38	162.7	50.31	189.0	62.12	202.1	67.09	208.2	68.97	216.0	70.78	220.1	70.89	
48	120.4	34.41	144.0	44.01	167.3	54.34	178.5	58.54	180.8	59.45	187.9	60.93	191.3	61.00	
80	10	135.8	13.46	162.0	16.15	188.2	18.97	201.7	20.46	215.2	21.95	241.1	25.03	267.4	27.17
	12	135.8	13.72	162.0	16.33	188.2	19.34	201.7	20.82	215.2	22.31	241.1	25.50	267.4	27.72
	14	135.8	13.93	162.0	16.72	188.2	19.62	201.7	21.19	215.2	22.68	241.1	25.97	267.4	28.26
	16	135.8	14.11	162.0	16.98	188.2	19.99	201.7	21.58	215.2	23.15	241.1	26.52	267.4	28.77
	18	135.8	14.37	162.0	17.27	188.2	20.35	201.7	21.95	215.2	23.62	241.1	26.99	267.4	29.42
	20	135.8	14.66	162.0	17.64	188.2	20.82	201.7	22.42	215.2	24.09	241.1	28.01	267.4	31.16
	21	135.8	14.76	162.0	17.85	188.2	21.01	201.7	22.68	215.2	24.67	241.1	28.91	267.4	32.00
	23	135.8	15.02	162.0	18.11	188.2	21.95	201.7	24.09	215.2	26.34	241.1	30.51	267.4	33.56
	25	135.8	15.60	162.0	19.34	188.2	23.54	201.7	25.76	215.2	28.19	241.1	32.65	267.4	35.91
	27	135.8	16.54	162.0	20.54	188.2	25.11	201.7	27.54	215.2	30.08	241.1	34.69	267.4	37.77
	29	135.8	17.56	162.0	21.95	188.2	26.70	201.7	29.32	215.2	32.11	241.1	37.19	267.4	40.42
	31	135.8	18.68	162.0	23.26	188.2	28.48	201.7	31.28	215.2	34.18	241.1	39.44	267.4	42.45
	33	135.8	19.81	162.0	24.85	188.2	30.36	201.7	33.34	215.2	36.42	241.1	41.58	267.4	44.51
	35	135.8	21.01	162.0	26.34	188.2	32.32	201.7	35.48	215.2	38.85	241.1	44.08	264.4	46.11
	37	135.8	22.24	162.0	28.01	188.2	34.28	201.7	37.73	215.2	41.28	241.1	46.51	260.2	48.22
	39	135.8	23.48	162.0	29.60	188.2	36.68	201.7	40.56	215.2	44.37	241.1	49.16	255.8	50.87
	41	132.4	25.98	157.9	32.80	183.4	40.23	196.5	44.45	209.6	48.73	235.1	54.71	245.2	56.38
	43	129.0	28.59	154.1	35.81	178.9	43.93	191.6	48.47	204.4	53.26	229.1	58.52	235.1	60.34
46	121.1	31.82	144.4	40.31	167.6	49.49	179.6	53.91	191.6	60.11	209.6	63.89	214.5	64.91	
48	107.2	27.79	127.5	35.26	148.1	43.28	159.0	47.09	169.5	52.61	181.9	55.29	186.4	55.87	

7. Capacity Tables

Cooling Capacity (90HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	118.9	11.77	142.1	13.99	164.6	16.21	176.3	17.52	188.2	18.72	210.7	21.33	234.0	23.84
	12	118.9	11.96	142.1	14.17	164.6	16.60	176.3	17.80	188.2	19.11	210.7	21.69	234.0	24.31
	14	118.9	12.14	142.1	14.36	164.6	16.86	176.3	18.06	188.2	19.37	210.7	22.16	234.0	24.74
	16	118.9	12.32	142.1	14.64	164.6	17.15	176.3	18.46	188.2	19.73	210.7	22.53	234.0	25.29
	18	118.9	12.50	142.1	14.93	164.6	17.52	176.3	18.82	188.2	20.13	210.7	22.89	234.0	25.73
	20	118.9	12.71	142.1	15.19	164.6	17.80	176.3	19.19	188.2	20.57	210.7	23.44	234.0	26.71
	21	118.9	12.90	142.1	15.30	164.6	17.99	176.3	19.37	188.2	20.75	210.7	23.83	234.0	27.25
	23	118.9	13.08	142.1	15.66	164.6	18.35	176.3	20.02	188.2	21.80	210.7	25.51	234.0	28.78
	25	118.9	13.26	142.1	16.21	164.6	19.55	176.3	21.40	188.2	23.26	210.7	27.25	234.0	30.19
	27	118.9	13.99	142.1	17.33	164.6	20.86	176.3	22.71	188.2	24.85	210.7	29.11	234.0	32.08
	29	118.9	14.93	142.1	18.35	164.6	22.16	176.3	24.20	188.2	26.42	210.7	31.07	234.0	34.37
	31	118.9	15.84	142.1	19.55	164.6	23.65	176.3	25.87	188.2	28.19	210.7	33.10	234.0	36.48
	33	118.9	16.79	142.1	20.68	164.6	25.11	176.3	27.44	188.2	29.94	210.7	35.21	234.0	38.81
	35	118.9	17.70	142.1	22.06	164.6	26.71	176.3	29.21	188.2	31.90	210.7	37.54	234.0	41.17
	37	118.9	18.82	142.1	23.37	164.6	28.38	176.3	31.07	188.2	33.94	210.7	39.97	234.0	43.46
	39	118.9	19.98	142.1	24.93	164.6	30.34	176.3	33.43	188.2	36.66	210.7	42.77	234.0	46.84
	41	115.9	22.09	138.4	27.29	160.5	33.28	171.8	36.66	183.4	39.86	205.1	46.98	228.0	50.54
	43	112.9	24.05	135.0	29.76	156.4	36.30	167.6	39.97	178.9	43.50	200.2	51.31	222.4	54.62
46	105.8	26.71	126.7	33.46	146.6	40.88	157.1	44.51	167.6	49.05	187.5	57.88	208.5	60.90	
48	93.7	23.33	112.1	29.22	129.8	35.75	139.1	38.91	148.1	42.91	165.8	50.65	184.5	52.69	
60	10	101.6	10.12	121.5	11.87	141.4	13.80	151.1	14.81	161.2	15.72	180.8	17.87	200.6	19.98
	12	101.6	10.30	121.5	12.05	141.4	13.98	151.1	15.00	161.2	16.01	180.8	18.12	200.6	20.34
	14	101.6	10.41	121.5	12.23	141.4	14.27	151.1	15.28	161.2	16.30	180.8	18.49	200.6	20.71
	16	101.6	10.59	121.5	12.52	141.4	14.45	151.1	15.54	161.2	16.67	180.8	18.85	200.6	21.07
	18	101.6	10.77	121.5	12.70	141.4	14.74	151.1	15.83	161.2	16.92	180.8	19.14	200.6	21.54
	20	101.6	10.95	121.5	12.88	141.4	15.00	151.1	16.09	161.2	17.21	180.8	19.51	200.6	21.98
	21	101.6	11.03	121.5	12.99	141.4	15.18	151.1	16.30	161.2	17.40	180.8	19.80	200.6	22.17
	23	101.6	11.21	121.5	13.25	141.4	15.36	151.1	16.56	161.2	17.76	180.8	20.53	200.6	23.55
	25	101.6	11.42	121.5	13.54	141.4	16.01	151.1	17.40	161.2	18.85	180.8	21.91	200.6	25.22
	27	101.6	11.79	121.5	14.27	141.4	17.03	151.1	18.49	161.2	20.05	180.8	23.29	200.6	26.86
	29	101.6	12.52	121.5	15.18	141.4	18.12	151.1	19.69	161.2	21.36	180.8	24.86	200.6	28.71
	31	101.6	13.25	121.5	16.09	141.4	19.22	151.1	20.97	161.2	22.74	180.8	26.50	200.6	30.54
	33	101.6	13.98	121.5	17.03	141.4	20.42	151.1	22.27	161.2	24.20	180.8	28.17	200.6	32.57
	35	101.6	14.81	121.5	18.12	141.4	21.73	151.1	23.65	161.2	25.66	180.8	29.99	200.6	34.61
	37	101.6	15.65	121.5	19.14	141.4	23.00	151.1	25.11	161.2	27.23	180.8	31.84	200.6	36.80
	39	101.6	16.63	121.5	20.38	141.4	24.82	151.1	26.97	161.2	29.30	180.8	34.14	200.6	39.45
	41	99.0	18.05	118.5	22.28	137.6	26.97	147.4	29.44	157.1	31.81	176.3	37.45	195.7	42.87
	43	96.7	19.61	115.5	24.27	134.3	29.40	143.6	32.10	153.0	34.69	171.8	40.91	190.8	46.81
46	90.7	21.95	108.3	27.26	126.0	33.05	134.6	36.07	143.6	39.05	161.2	46.08	178.8	53.35	
48	80.2	19.14	95.6	23.77	111.4	28.89	119.2	31.51	126.8	34.10	142.5	40.29	158.2	46.66	
50	10	85.1	8.68	101.6	10.06	117.8	11.41	126.0	12.25	134.2	12.98	150.4	14.62	167.3	16.26
	12	85.1	8.78	101.6	10.13	117.8	11.59	126.0	12.43	134.2	13.23	150.4	14.88	167.3	16.55
	14	85.1	8.86	101.6	10.32	117.8	11.78	126.0	12.61	134.2	13.42	150.4	15.06	167.3	16.80
	16	85.1	9.04	101.6	10.50	117.8	11.96	126.0	12.87	134.2	13.60	150.4	15.35	167.3	17.09
	18	85.1	9.15	101.6	10.61	117.8	12.14	126.0	13.05	134.2	13.89	150.4	15.60	167.3	17.46
	20	85.1	9.22	101.6	10.79	117.8	12.43	126.0	13.23	134.2	14.15	150.4	15.89	167.3	17.82
	21	85.1	9.33	101.6	10.86	117.8	12.51	126.0	13.42	134.2	14.25	150.4	16.08	167.3	18.01
	23	85.1	9.51	101.6	11.05	117.8	12.69	126.0	13.60	134.2	14.51	150.4	16.36	167.3	18.37
	25	85.1	9.59	101.6	11.23	117.8	12.98	126.0	13.89	134.2	14.98	150.4	17.17	167.3	19.65
	27	85.1	9.77	101.6	11.59	117.8	13.71	126.0	14.80	134.2	15.89	150.4	18.37	167.3	20.92
	29	85.1	10.32	101.6	12.32	117.8	14.51	126.0	15.71	134.2	16.91	150.4	19.46	167.3	22.20
	31	85.1	10.86	101.6	13.05	117.8	15.42	126.0	16.62	134.2	18.01	150.4	20.74	167.3	23.66
	33	85.1	11.52	101.6	13.78	117.8	16.36	126.0	17.64	134.2	19.10	150.4	22.02	167.3	25.22
	35	85.1	12.14	101.6	14.62	117.8	17.28	126.0	18.73	134.2	20.19	150.4	23.29	167.3	26.76
	37	85.1	12.87	101.6	15.42	117.8	18.26	126.0	19.83	134.2	21.36	150.4	24.86	167.3	28.40
	39	85.1	13.74	101.6	16.55	117.8	19.57	126.0	21.33	134.2	22.93	150.4	26.46	167.3	30.69
	41	82.9	14.87	99.0	17.90	114.8	21.40	122.7	23.11	130.5	24.86	146.6	29.01	163.1	33.32
	43	81.0	16.15	96.7	19.47	112.1	23.29	119.6	25.15	127.5	27.05	142.9	31.64	159.0	36.34
46	75.7	18.08	90.7	21.84	105.0	26.13	112.1	28.25	119.3	30.37	133.9	35.58	149.2	40.93	
48	67.1	15.75	80.2	19.06	93.0	22.78	99.4	24.68	105.7	26.50	118.5	31.10	132.0	35.76	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM920BTE5

Cooling Capacity (92HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	235.4	25.94	280.6	31.70	300.6	36.77	309.3	37.54	317.8	37.83	333.1	38.13	341.9	38.28
	12	235.4	26.57	280.6	32.84	300.6	38.28	309.3	38.54	317.8	38.84	333.1	39.16	341.9	39.50
	14	235.4	27.49	280.6	34.03	300.6	39.72	309.3	40.02	317.8	40.35	333.1	40.65	341.9	41.01
	16	235.4	28.49	280.6	35.21	300.6	41.50	309.3	41.90	317.8	42.23	333.1	42.60	341.9	42.94
	18	235.4	29.67	280.6	37.24	300.6	43.42	309.3	44.34	317.8	44.71	333.1	45.15	341.9	45.45
	20	235.4	30.97	280.6	39.68	300.6	45.56	309.3	48.77	317.8	49.18	328.5	49.66	337.0	49.99
	21	235.4	31.78	280.6	41.08	300.6	46.52	309.3	51.62	317.8	52.03	326.6	52.54	335.1	52.91
	23	235.4	34.11	280.6	43.20	300.6	48.92	309.3	56.97	313.9	57.42	321.6	58.01	330.4	58.38
	25	235.4	36.43	280.6	45.70	300.6	52.28	305.5	63.18	309.3	63.70	317.8	64.33	326.6	64.77
	27	235.4	38.98	280.6	48.85	296.7	55.72	300.6	69.54	305.5	70.09	313.9	70.80	321.6	71.28
	29	235.4	41.53	280.6	52.21	292.1	59.93	296.3	76.45	300.6	76.89	309.3	77.59	317.8	77.89
	31	235.4	44.34	279.5	55.02	287.1	63.77	292.1	76.11	296.3	76.56	304.4	77.26	313.2	77.56
	33	235.4	47.22	274.8	58.27	283.3	68.39	287.9	75.41	292.1	75.89	300.6	76.56	308.2	76.85
	35	235.4	50.36	269.9	61.04	278.7	74.08	283.3	74.45	287.9	74.89	295.9	75.56	304.4	75.86
	37	235.4	53.69	266.1	64.07	274.8	73.09	278.7	73.45	283.3	73.90	291.0	74.56	299.8	74.86
	39	235.4	57.19	261.4	67.43	269.9	72.12	274.8	72.46	278.7	72.90	287.1	73.56	295.9	73.86
	41	229.6	60.67	250.7	70.79	259.1	71.13	262.9	71.49	268.0	71.91	276.0	72.57	283.6	72.86
	43	223.9	63.99	240.0	69.80	248.4	70.16	252.2	70.50	257.2	70.94	265.2	71.57	272.5	71.83
46	209.7	68.47	218.9	68.35	226.9	68.69	230.4	69.02	235.4	69.46	242.7	70.06	249.5	70.35	
48	185.5	66.58	190.2	66.77	197.4	66.91	200.5	67.10	204.7	67.69	211.2	68.10	217.3	68.36	
120	10	217.8	23.35	259.1	28.60	282.9	33.99	291.7	36.76	300.2	37.32	316.6	37.47	324.3	37.76
	12	217.8	23.98	259.1	29.59	282.9	35.36	291.7	37.54	300.2	38.72	316.6	39.17	324.3	39.50
	14	217.8	24.79	259.1	30.59	282.9	36.80	291.7	38.94	300.2	40.13	316.6	40.72	324.3	41.05
	16	217.8	25.68	259.1	31.85	282.9	38.21	291.7	40.39	300.2	41.98	316.6	42.49	324.3	42.83
	18	217.8	26.68	259.1	33.26	282.9	39.76	291.7	42.53	300.2	44.15	316.6	44.64	324.3	45.00
	20	217.8	27.71	259.1	35.28	282.9	41.90	291.7	44.75	300.2	46.48	316.6	47.08	324.3	47.48
	21	217.8	28.56	259.1	36.54	282.9	43.05	291.7	46.07	300.2	48.00	316.6	48.62	324.3	49.00
	23	217.8	30.52	259.1	39.09	282.9	46.15	291.7	48.96	300.2	51.17	316.6	51.69	324.3	52.10
	25	217.8	32.59	259.1	41.90	282.9	48.66	291.7	52.17	300.2	54.87	312.8	55.35	320.5	55.79
	27	217.8	34.81	259.1	44.78	282.9	51.80	291.7	55.76	300.2	58.97	307.9	59.38	315.8	59.86
	29	217.8	37.13	259.1	47.81	282.9	54.50	291.7	59.67	295.5	62.85	303.2	63.81	311.7	64.33
	31	217.8	39.57	259.1	51.06	282.9	57.31	287.9	63.92	291.7	67.43	299.4	68.62	307.0	69.17
	33	217.8	42.12	259.1	54.42	279.1	60.63	282.9	69.39	286.8	72.38	294.4	73.23	302.1	73.82
	35	217.8	44.78	259.1	58.01	274.5	64.18	278.3	76.45	282.9	76.82	290.6	77.04	298.3	77.67
	37	217.8	48.18	259.1	61.22	270.6	68.43	274.5	74.82	278.3	75.19	286.0	75.42	293.6	76.04
	39	217.8	51.87	258.0	64.70	265.7	72.57	269.5	73.30	273.3	73.67	282.1	73.89	289.8	74.45
	41	212.3	55.57	246.9	68.17	255.3	71.13	258.7	71.75	262.6	72.12	270.2	72.34	277.9	72.90
	43	207.0	59.30	236.5	67.21	244.6	69.54	248.1	70.21	251.9	70.57	259.2	70.79	266.8	71.35
46	194.0	63.77	215.5	65.62	223.5	67.36	226.6	67.91	230.0	68.25	237.2	68.46	244.2	68.99	
48	171.7	62.45	187.1	64.44	194.3	66.03	197.1	66.44	200.1	66.66	206.3	66.92	212.4	67.21	
110	10	199.3	20.99	237.7	25.57	265.3	30.38	273.0	32.89	290.2	35.40	297.1	36.39	317.0	36.99
	12	199.3	21.65	237.7	26.45	265.3	31.66	273.0	33.81	290.2	36.73	297.1	37.91	317.0	38.79
	14	199.3	22.32	237.7	27.64	265.3	33.07	273.0	35.51	290.2	38.58	297.1	39.68	317.0	40.53
	16	199.3	23.13	237.7	28.64	265.3	34.44	273.0	37.06	290.2	40.35	297.1	41.46	317.0	42.19
	18	199.3	23.98	237.7	29.85	265.3	36.43	273.0	39.02	290.2	42.57	297.1	43.42	317.0	44.23
	20	199.3	24.83	237.7	31.33	265.3	38.65	273.0	40.79	290.2	44.64	297.1	45.74	317.0	46.48
	21	199.3	25.38	237.7	32.26	265.3	39.64	273.0	41.90	290.2	45.89	297.1	47.04	317.0	47.77
	23	199.3	27.04	237.7	34.58	265.3	41.86	273.0	44.23	290.2	48.48	297.1	49.51	317.0	50.33
	25	199.3	28.89	237.7	36.91	265.3	44.19	273.0	46.78	290.2	51.21	297.1	51.95	313.2	53.02
	27	199.3	30.85	237.7	39.46	265.3	46.70	273.0	49.51	290.2	53.50	297.1	54.72	308.6	55.64
	29	199.3	32.96	237.7	42.12	265.3	49.36	273.0	52.43	290.2	56.53	297.1	57.49	304.7	58.38
	31	199.3	35.03	237.7	44.89	265.3	52.17	273.0	55.53	285.6	59.41	293.2	60.56	299.8	61.19
	33	199.3	37.36	237.7	47.81	265.3	55.12	273.0	58.86	281.7	62.74	288.3	63.77	296.0	64.11
	35	199.3	39.68	237.7	51.06	265.3	58.20	273.0	62.37	276.8	66.21	283.7	66.80	291.3	67.14
	37	199.3	42.05	237.7	54.20	265.3	61.45	269.1	66.06	272.2	69.83	279.8	70.06	286.4	70.24
	39	199.3	45.34	237.7	57.57	260.7	64.84	264.5	70.68	268.3	73.27	274.9	73.38	282.6	73.46
	41	194.3	48.63	231.5	60.97	249.5	68.36	253.4	76.45	256.5	76.45	264.1	77.04	270.7	77.67
	43	189.4	51.06	225.8	63.52	239.2	72.50	243.0	73.31	246.1	73.16	253.4	73.57	259.9	73.79
46	177.5	49.84	211.6	61.33	218.1	68.80	221.9	68.80	224.7	69.39	231.6	69.79	237.7	69.98	
48	157.1	48.40	184.0	59.08	189.4	65.47	192.8	65.91	195.5	66.21	201.6	66.40	206.7	66.69	

7. Capacity Tables

Cooling Capacity (92HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	174.0	18.91	207.0	22.98	241.1	27.27	257.6	29.45	274.1	31.63	304.0	35.21	310.5	35.51
	12	174.0	19.51	207.0	23.91	241.1	28.19	257.6	30.26	274.1	32.66	304.0	37.13	310.5	37.50
	14	174.0	20.10	207.0	24.87	241.1	29.37	257.6	31.55	274.1	34.07	304.0	39.20	310.5	39.57
	16	174.0	20.73	207.0	25.68	241.1	30.63	257.6	33.04	274.1	35.88	304.0	41.09	310.5	41.68
	18	174.0	21.35	207.0	26.64	241.1	31.81	257.6	34.66	274.1	38.06	304.0	43.41	310.5	43.75
	20	174.0	22.10	207.0	27.64	241.1	33.66	257.6	37.13	274.1	40.72	304.0	45.48	310.5	45.85
	21	174.0	22.57	207.0	28.30	241.1	34.81	257.6	38.39	274.1	42.23	304.0	46.52	310.5	46.89
	23	174.0	23.91	207.0	30.30	241.1	37.36	257.6	41.20	274.1	45.26	304.0	48.73	310.5	49.11
	25	174.0	25.42	207.0	32.26	241.1	39.91	257.6	44.08	274.1	48.40	304.0	50.80	308.2	51.21
	27	174.0	27.16	207.0	34.47	241.1	42.71	257.6	47.11	274.1	51.43	298.2	53.20	304.4	53.61
	29	174.0	28.89	207.0	36.80	241.1	45.60	257.6	50.36	274.1	54.46	292.5	55.35	299.8	55.79
	31	174.0	30.85	207.0	39.21	241.1	48.62	257.6	53.72	274.1	57.20	288.2	57.46	295.2	57.94
	33	174.0	32.73	207.0	41.79	241.1	51.87	257.6	57.31	274.1	59.37	283.6	59.60	290.6	60.08
	35	174.0	34.81	207.0	44.45	241.1	55.24	257.6	61.15	269.9	61.52	278.3	61.74	285.5	62.26
	37	174.0	37.28	207.0	47.66	241.1	58.49	257.6	64.07	265.6	64.37	273.3	64.63	279.8	65.25
	39	174.0	39.98	207.0	51.21	241.1	62.00	257.6	67.21	261.1	67.50	268.7	67.73	275.2	68.39
	41	171.0	42.64	203.6	54.75	237.3	65.48	247.2	70.32	252.6	70.61	258.4	70.86	266.8	71.53
	43	165.2	45.15	196.7	58.04	229.2	68.61	236.9	73.01	239.6	73.27	247.2	73.52	253.7	74.19
46	154.9	48.55	184.4	62.56	214.7	72.79	216.2	76.45	218.8	76.67	225.8	76.89	231.9	77.63	
48	136.9	41.94	163.0	54.13	185.2	62.22	188.2	64.85	190.1	65.07	196.3	65.21	201.6	65.73	
90	10	156.4	16.46	186.7	19.79	217.0	23.34	231.9	25.16	246.5	27.09	276.8	30.31	307.4	33.72
	12	156.4	16.67	186.7	20.12	217.0	23.75	231.9	25.68	246.5	27.68	276.8	30.91	307.4	34.31
	14	156.4	16.97	186.7	20.50	217.0	24.24	231.9	26.16	246.5	28.20	276.8	31.50	307.4	34.99
	16	156.4	17.27	186.7	20.90	217.0	24.75	231.9	26.68	246.5	28.68	276.8	32.09	307.4	35.61
	18	156.4	17.57	186.7	21.31	217.0	25.16	231.9	27.28	246.5	29.31	276.8	32.80	307.4	37.39
	20	156.4	17.90	186.7	21.72	217.0	25.68	231.9	27.79	246.5	30.42	276.8	35.10	307.4	39.17
	21	156.4	18.08	186.7	21.94	217.0	26.16	231.9	28.68	246.5	31.53	276.8	35.69	307.4	40.06
	23	156.4	18.49	186.7	22.83	217.0	27.98	231.9	30.83	246.5	33.76	276.8	37.84	303.2	41.95
	25	156.4	19.41	186.7	24.35	217.0	29.91	231.9	32.94	246.5	36.06	276.8	40.47	298.6	43.76
	27	156.4	20.71	186.7	25.98	217.0	31.94	231.9	35.17	246.5	38.61	276.8	43.02	294.4	45.80
	29	156.4	21.94	186.7	27.68	217.0	34.16	231.9	37.58	246.5	41.21	276.8	45.58	289.8	47.65
	31	156.4	23.34	186.7	29.50	217.0	36.39	231.9	40.02	246.5	43.95	276.8	47.84	285.6	49.51
	33	156.4	24.86	186.7	31.42	217.0	38.80	231.9	42.65	246.5	46.62	276.8	50.14	281.0	51.33
	35	156.4	26.38	186.7	33.35	217.0	41.21	231.9	45.47	246.5	49.43	272.2	53.03	276.8	54.25
	37	156.4	27.98	186.7	35.46	217.0	43.95	231.9	48.29	246.5	52.18	267.9	55.44	272.5	56.69
	39	156.4	29.64	186.7	37.72	217.0	46.51	231.9	51.40	246.5	54.88	263.4	58.44	268.0	59.14
	41	152.5	33.16	182.1	41.83	211.6	51.06	225.8	56.21	240.3	59.25	252.3	61.59	256.8	63.00
	43	148.7	35.80	177.5	45.21	206.3	55.77	220.4	60.55	234.2	63.52	241.9	65.96	246.5	66.74
46	139.2	40.28	166.4	51.47	193.2	63.55	206.6	68.63	212.8	70.56	220.8	72.41	225.0	72.52	
48	123.1	35.21	147.2	45.02	171.0	55.59	182.5	59.88	184.8	60.81	192.0	62.33	195.5	62.40	
80	10	138.8	13.79	165.6	16.55	192.4	19.44	206.2	20.97	220.0	22.49	246.5	25.65	273.3	27.85
	12	138.8	14.06	165.6	16.73	192.4	19.81	206.2	21.34	220.0	22.87	246.5	26.13	273.3	28.40
	14	138.8	14.27	165.6	17.14	192.4	20.11	206.2	21.71	220.0	23.24	246.5	26.62	273.3	28.96
	16	138.8	14.46	165.6	17.40	192.4	20.48	206.2	22.12	220.0	23.72	246.5	27.18	273.3	29.49
	18	138.8	14.73	165.6	17.70	192.4	20.86	206.2	22.49	220.0	24.20	246.5	27.66	273.3	30.15
	20	138.8	15.02	165.6	18.07	192.4	21.34	206.2	22.97	220.0	24.69	246.5	28.70	273.3	31.94
	21	138.8	15.13	165.6	18.29	192.4	21.53	206.2	23.24	220.0	25.28	246.5	29.63	273.3	32.79
	23	138.8	15.39	165.6	18.55	192.4	22.49	206.2	24.69	220.0	26.99	246.5	31.27	273.3	34.39
	25	138.8	15.99	165.6	19.81	192.4	24.13	206.2	26.40	220.0	28.89	246.5	33.46	273.3	36.80
	27	138.8	16.95	165.6	21.04	192.4	25.73	206.2	28.22	220.0	30.82	246.5	35.55	273.3	38.70
	29	138.8	17.99	165.6	22.49	192.4	27.36	206.2	30.04	220.0	32.91	246.5	38.11	273.3	41.42
	31	138.8	19.15	165.6	23.83	192.4	29.19	206.2	32.05	220.0	35.02	246.5	40.42	273.3	43.50
	33	138.8	20.30	165.6	25.46	192.4	31.11	206.2	34.17	220.0	37.33	246.5	42.60	273.3	45.62
	35	138.8	21.53	165.6	26.99	192.4	33.12	206.2	36.36	220.0	39.82	246.5	45.17	270.3	47.25
	37	138.8	22.79	165.6	28.70	192.4	35.13	206.2	38.66	220.0	42.31	246.5	47.66	266.0	49.41
	39	138.8	24.06	165.6	30.34	192.4	37.58	206.2	41.56	220.0	45.47	246.5	50.37	261.5	52.12
	41	135.3	26.62	161.4	33.61	187.4	41.23	200.9	45.55	214.3	49.93	240.3	56.06	250.7	57.77
	43	131.9	29.30	157.5	36.69	182.8	45.02	195.9	49.67	208.9	54.58	234.2	59.97	240.3	61.83
46	123.8	32.61	147.6	41.31	171.3	50.71	183.6	55.25	195.9	61.60	214.3	65.47	219.3	66.51	
48	109.6	28.48	130.4	36.14	151.4	44.35	162.5	48.26	173.3	53.91	186.0	56.66	190.5	57.25	

7. Capacity Tables

Cooling Capacity (92HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	121.5	12.09	145.3	14.36	168.3	16.64	180.2	17.98	192.4	19.21	215.4	21.89	239.2	24.47
	12	121.5	12.27	145.3	14.55	168.3	17.04	180.2	18.28	192.4	19.62	215.4	22.27	239.2	24.95
	14	121.5	12.46	145.3	14.74	168.3	17.31	180.2	18.54	192.4	19.88	215.4	22.75	239.2	25.40
	16	121.5	12.65	145.3	15.03	168.3	17.61	180.2	18.95	192.4	20.26	215.4	23.13	239.2	25.96
	18	121.5	12.83	145.3	15.33	168.3	17.98	180.2	19.32	192.4	20.66	215.4	23.50	239.2	26.41
	20	121.5	13.05	145.3	15.59	168.3	18.28	180.2	19.70	192.4	21.12	215.4	24.06	239.2	27.41
	21	121.5	13.24	145.3	15.70	168.3	18.46	180.2	19.88	192.4	21.30	215.4	24.47	239.2	27.98
	23	121.5	13.43	145.3	16.08	168.3	18.84	180.2	20.55	192.4	22.38	215.4	26.18	239.2	29.54
	25	121.5	13.61	145.3	16.64	168.3	20.07	180.2	21.97	192.4	23.88	215.4	27.98	239.2	31.00
	27	121.5	14.36	145.3	17.79	168.3	21.41	180.2	23.31	192.4	25.51	215.4	29.88	239.2	32.94
	29	121.5	15.33	145.3	18.84	168.3	22.75	180.2	24.84	192.4	27.12	215.4	31.89	239.2	35.29
	31	121.5	16.27	145.3	20.07	168.3	24.28	180.2	26.56	192.4	28.94	215.4	33.98	239.2	37.45
	33	121.5	17.23	145.3	21.22	168.3	25.78	180.2	28.16	192.4	30.74	215.4	36.15	239.2	39.84
	35	121.5	18.17	145.3	22.65	168.3	27.41	180.2	29.99	192.4	32.75	215.4	38.53	239.2	42.26
	37	121.5	19.32	145.3	23.99	168.3	29.13	180.2	31.89	192.4	34.84	215.4	41.03	239.2	44.61
	39	121.5	20.52	145.3	25.59	168.3	31.14	180.2	34.31	192.4	37.63	215.4	43.90	239.2	48.08
	41	118.4	22.68	141.5	28.02	164.1	34.17	175.6	37.63	187.4	40.92	209.7	48.23	233.1	51.88
	43	115.4	24.69	138.0	30.55	159.9	37.26	171.4	41.03	182.8	44.65	204.7	52.67	227.3	56.07
46	108.1	27.42	129.5	34.35	149.9	41.96	160.6	45.69	171.3	50.36	191.7	59.42	213.1	62.51	
48	95.8	23.95	114.6	29.99	132.6	36.70	142.2	39.95	151.4	44.05	169.5	52.00	188.6	54.09	
60	10	103.9	10.41	124.2	12.20	144.5	14.19	154.5	15.23	164.8	16.17	184.8	18.37	205.1	20.54
	12	103.9	10.59	124.2	12.39	144.5	14.37	154.5	15.42	164.8	16.47	184.8	18.64	205.1	20.92
	14	103.9	10.70	124.2	12.58	144.5	14.67	154.5	15.72	164.8	16.76	184.8	19.01	205.1	21.29
	16	103.9	10.89	124.2	12.87	144.5	14.86	154.5	15.98	164.8	17.14	184.8	19.39	205.1	21.67
	18	103.9	11.08	124.2	13.06	144.5	15.15	154.5	16.28	164.8	17.41	184.8	19.69	205.1	22.15
	20	103.9	11.26	124.2	13.25	144.5	15.42	154.5	16.55	164.8	17.70	184.8	20.06	205.1	22.61
	21	103.9	11.34	124.2	13.36	144.5	15.61	154.5	16.76	164.8	17.89	184.8	20.36	205.1	22.80
	23	103.9	11.53	124.2	13.62	144.5	15.80	154.5	17.03	164.8	18.26	184.8	21.11	205.1	24.22
	25	103.9	11.75	124.2	13.92	144.5	16.47	154.5	17.89	164.8	19.39	184.8	22.53	205.1	25.94
	27	103.9	12.12	124.2	14.67	144.5	17.51	154.5	19.01	164.8	20.62	184.8	23.95	205.1	27.62
	29	103.9	12.87	124.2	15.61	144.5	18.64	154.5	20.25	164.8	21.97	184.8	25.56	205.1	29.53
	31	103.9	13.62	124.2	16.55	144.5	19.76	154.5	21.56	164.8	23.39	184.8	27.25	205.1	31.40
	33	103.9	14.37	124.2	17.51	144.5	21.00	154.5	22.90	164.8	24.89	184.8	28.97	205.1	33.50
	35	103.9	15.23	124.2	18.64	144.5	22.34	154.5	24.33	164.8	26.39	184.8	30.84	205.1	35.59
	37	103.9	16.09	124.2	19.68	144.5	23.65	154.5	25.83	164.8	28.00	184.8	32.75	205.1	37.84
	39	103.9	17.10	124.2	20.96	144.5	25.53	154.5	27.73	164.8	30.13	184.8	35.11	205.1	40.57
	41	101.2	18.56	121.1	22.91	140.7	27.73	150.6	30.28	160.6	32.71	180.2	38.52	200.1	44.09
	43	98.9	20.17	118.1	24.96	137.2	30.24	146.8	33.01	156.4	35.67	175.6	42.07	195.1	48.13
46	92.7	22.57	110.7	28.03	128.8	33.99	137.6	37.09	146.8	40.16	164.8	47.38	182.8	54.86	
48	82.0	19.68	97.8	24.44	113.8	29.71	121.9	32.41	129.6	35.07	145.7	41.43	161.7	47.98	
50	10	87.0	8.94	103.9	10.36	120.4	11.76	128.8	12.62	137.2	13.37	153.7	15.06	171.0	16.75
	12	87.0	9.05	103.9	10.44	120.4	11.94	128.8	12.80	137.2	13.63	153.7	15.33	171.0	17.05
	14	87.0	9.13	103.9	10.63	120.4	12.13	128.8	12.99	137.2	13.82	153.7	15.51	171.0	17.31
	16	87.0	9.31	103.9	10.82	120.4	12.32	128.8	13.26	137.2	14.01	153.7	15.81	171.0	17.61
	18	87.0	9.42	103.9	10.93	120.4	12.51	128.8	13.45	137.2	14.31	153.7	16.08	171.0	17.99
	20	87.0	9.50	103.9	11.11	120.4	12.80	128.8	13.63	137.2	14.57	153.7	16.37	171.0	18.36
	21	87.0	9.61	103.9	11.19	120.4	12.88	128.8	13.82	137.2	14.68	153.7	16.56	171.0	18.55
	23	87.0	9.80	103.9	11.38	120.4	13.07	128.8	14.01	137.2	14.95	153.7	16.86	171.0	18.92
	25	87.0	9.88	103.9	11.57	120.4	13.37	128.8	14.31	137.2	15.43	153.7	17.69	171.0	20.24
	27	87.0	10.07	103.9	11.94	120.4	14.12	128.8	15.25	137.2	16.37	153.7	18.92	171.0	21.55
	29	87.0	10.63	103.9	12.70	120.4	14.95	128.8	16.19	137.2	17.42	153.7	20.05	171.0	22.87
	31	87.0	11.19	103.9	13.45	120.4	15.89	128.8	17.12	137.2	18.55	153.7	21.37	171.0	24.37
	33	87.0	11.86	103.9	14.20	120.4	16.86	128.8	18.17	137.2	19.68	153.7	22.68	171.0	25.98
	35	87.0	12.51	103.9	15.06	120.4	17.80	128.8	19.30	137.2	20.80	153.7	24.00	171.0	27.57
	37	87.0	13.26	103.9	15.89	120.4	18.82	128.8	20.43	137.2	22.01	153.7	25.61	171.0	29.26
	39	87.0	14.16	103.9	17.05	120.4	20.17	128.8	21.97	137.2	23.62	153.7	27.26	171.0	31.62
	41	84.7	15.32	101.2	18.44	117.3	22.05	125.4	23.81	133.4	25.61	149.8	29.89	166.7	34.32
	43	82.8	16.64	98.9	20.06	114.6	24.00	122.3	25.91	130.3	27.87	146.0	32.59	162.6	37.44
46	77.4	18.63	92.7	22.50	107.3	26.92	114.6	29.11	121.9	31.28	136.8	36.66	152.5	42.17	
48	68.6	16.23	82.0	19.64	95.0	23.47	101.6	25.42	108.1	27.30	121.1	32.04	134.9	36.84	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM940BTE5

Cooling Capacity (94HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	10	240.5	27.07	286.7	33.08	307.1	38.37	316.0	39.17	324.7	39.48	340.4	39.79	349.3	39.94
	12	240.5	27.73	286.7	34.27	307.1	39.95	316.0	40.21	324.7	40.53	340.4	40.87	349.3	41.22
	14	240.5	28.68	286.7	35.51	307.1	41.45	316.0	41.76	324.7	42.10	340.4	42.41	349.3	42.80
	16	240.5	29.72	286.7	36.74	307.1	43.30	316.0	43.72	324.7	44.07	340.4	44.46	349.3	44.80
	18	240.5	30.96	286.7	38.86	307.1	45.30	316.0	46.27	324.7	46.65	340.4	47.11	349.3	47.43
	20	240.5	32.31	286.7	41.41	307.1	47.54	316.0	50.90	324.7	51.32	335.6	51.82	344.3	52.17
	21	240.5	33.16	286.7	42.87	307.1	48.54	316.0	53.86	324.7	54.29	333.7	54.83	342.3	55.21
	23	240.5	35.59	286.7	45.08	307.1	51.05	316.0	59.45	320.7	59.92	328.6	60.53	337.6	60.92
	25	240.5	38.02	286.7	47.69	307.1	54.56	312.2	65.93	316.0	66.47	324.7	67.12	333.7	67.59
	27	240.5	40.68	286.7	50.97	303.2	58.14	307.1	72.57	312.2	73.14	320.7	73.88	328.6	74.38
	29	240.5	43.34	286.7	54.48	298.4	62.54	302.7	79.77	307.1	80.24	316.0	80.97	324.7	81.28
	31	240.5	46.26	285.6	57.41	293.4	66.54	298.4	79.43	302.7	79.89	311.0	80.62	320.0	80.93
	33	240.5	49.28	280.8	60.81	289.5	71.36	294.2	78.69	298.4	79.19	307.1	79.89	314.9	80.20
	35	240.5	52.55	275.7	63.69	284.7	77.30	289.5	77.69	294.2	78.15	302.3	78.85	311.0	79.15
	37	240.5	56.03	271.8	66.85	280.8	76.26	284.7	76.65	289.5	77.11	297.3	77.80	306.3	78.11
	39	240.5	59.68	267.1	70.36	275.7	75.26	280.8	75.61	284.7	76.07	293.4	76.76	302.3	77.07
	41	234.6	63.31	256.1	73.87	264.7	74.22	268.7	74.60	273.8	75.03	282.0	75.72	289.8	76.03
	43	228.7	66.77	245.2	72.83	253.8	73.21	257.7	73.57	262.8	74.02	271.0	74.68	278.4	74.96
46	214.3	71.45	223.7	71.33	231.9	71.68	235.4	72.03	240.5	72.48	247.9	73.10	254.9	73.41	
48	189.6	69.48	194.3	69.67	201.7	69.82	204.8	70.02	209.2	70.63	215.8	71.06	222.0	71.33	
120	10	222.5	24.36	264.7	29.85	289.1	35.47	298.0	38.36	306.7	38.94	323.5	39.10	331.4	39.41
	12	222.5	25.02	264.7	30.88	289.1	36.90	298.0	39.17	306.7	40.40	323.5	40.87	331.4	41.21
	14	222.5	25.87	264.7	31.92	289.1	38.40	298.0	40.64	306.7	41.87	323.5	42.49	331.4	42.83
	16	222.5	26.80	264.7	33.23	289.1	39.87	298.0	42.15	306.7	43.80	323.5	44.34	331.4	44.69
	18	222.5	27.84	264.7	34.70	289.1	41.48	298.0	44.38	306.7	46.07	323.5	46.58	331.4	46.96
	20	222.5	28.92	264.7	36.82	289.1	43.72	298.0	46.69	306.7	48.50	323.5	49.12	331.4	49.54
	21	222.5	29.80	264.7	38.13	289.1	44.92	298.0	48.08	306.7	50.09	323.5	50.74	331.4	51.13
	23	222.5	31.85	264.7	40.79	289.1	48.15	298.0	51.09	306.7	53.40	323.5	53.94	331.4	54.37
	25	222.5	34.01	264.7	43.72	289.1	50.78	298.0	54.44	306.7	57.26	319.6	57.75	327.4	58.22
	27	222.5	36.32	264.7	46.73	289.1	54.05	298.0	58.18	306.7	61.54	314.5	61.96	322.7	62.46
	29	222.5	38.75	264.7	49.89	289.1	56.87	298.0	62.27	301.9	65.59	309.8	66.58	318.5	67.12
	31	222.5	41.29	264.7	53.28	289.1	59.80	294.1	66.70	298.0	70.36	305.9	71.60	313.7	72.18
	33	222.5	43.95	264.7	56.79	285.2	63.27	289.1	72.41	293.0	75.53	300.8	76.42	308.7	77.03
	35	222.5	46.73	264.7	60.53	280.4	66.97	284.3	79.77	289.1	80.16	296.9	80.39	304.7	81.04
	37	222.5	50.28	264.7	63.89	276.5	71.40	280.4	78.08	284.3	78.46	292.2	78.70	300.0	79.35
	39	222.5	54.13	263.6	67.51	271.5	75.72	275.4	76.49	279.3	76.88	288.3	77.11	296.1	77.69
	41	217.0	57.98	252.2	71.14	260.8	74.22	264.4	74.88	268.3	75.26	276.1	75.49	283.9	76.07
	43	211.5	61.88	241.6	70.13	249.9	72.56	253.4	73.26	257.3	73.64	264.8	73.87	272.6	74.45
46	198.2	66.54	220.2	68.47	228.3	70.29	231.5	70.87	235.0	71.21	242.4	71.44	249.5	71.99	
48	175.4	65.16	191.2	67.24	198.5	68.90	201.3	69.33	204.5	69.56	210.7	69.83	217.0	70.13	
110	10	203.7	21.90	242.8	26.68	271.1	31.70	278.9	34.32	296.5	36.94	303.5	37.98	323.9	38.60
	12	203.7	22.59	242.8	27.60	271.1	33.04	278.9	35.28	296.5	38.33	303.5	39.56	323.9	40.48
	14	203.7	23.29	242.8	28.84	271.1	34.51	278.9	37.05	296.5	40.25	303.5	41.41	323.9	42.29
	16	203.7	24.13	242.8	29.88	271.1	35.94	278.9	38.67	296.5	42.11	303.5	43.26	323.9	44.03
	18	203.7	25.02	242.8	31.15	271.1	38.02	278.9	40.71	296.5	44.42	303.5	45.30	323.9	46.15
	20	203.7	25.91	242.8	32.69	271.1	40.33	278.9	42.57	296.5	46.58	303.5	47.73	323.9	48.50
	21	203.7	26.49	242.8	33.66	271.1	41.37	278.9	43.72	296.5	47.88	303.5	49.08	323.9	49.85
	23	203.7	28.22	242.8	36.09	271.1	43.68	278.9	46.15	296.5	50.58	303.5	51.67	323.9	52.52
	25	203.7	30.15	242.8	38.51	271.1	46.12	278.9	48.81	296.5	53.44	303.5	54.21	320.0	55.33
	27	203.7	32.20	242.8	41.18	271.1	48.74	278.9	51.66	296.5	55.83	303.5	57.10	315.3	58.06
	29	203.7	34.39	242.8	43.95	271.1	51.51	278.9	54.71	296.5	58.99	303.5	59.99	311.4	60.92
	31	203.7	36.55	242.8	46.85	271.1	54.44	278.9	57.95	291.8	61.99	299.6	63.19	306.3	63.85
	33	203.7	38.98	242.8	49.89	271.1	57.52	278.9	61.42	287.8	65.46	294.6	66.54	302.4	66.90
	35	203.7	41.41	242.8	53.28	271.1	60.73	278.9	65.08	282.8	69.09	289.8	69.71	297.7	70.06
	37	203.7	43.88	242.8	56.56	271.1	64.12	275.0	68.94	278.1	72.87	285.9	73.10	292.6	73.30
	39	203.7	47.31	242.8	60.07	266.3	67.66	270.2	73.75	274.2	76.46	280.9	76.58	288.7	76.65
	41	198.5	50.74	236.6	63.62	254.9	71.33	258.9	79.77	262.1	79.77	269.9	80.39	276.5	81.04
	43	193.5	53.28	230.7	66.28	244.4	75.65	248.3	76.50	251.5	76.34	258.9	76.77	265.5	77.00
46	181.3	52.01	216.2	64.00	222.9	71.79	226.8	71.79	229.6	72.41	236.6	72.83	242.8	73.02	
48	160.5	50.51	188.0	61.65	193.5	68.32	197.0	68.78	199.7	69.10	206.0	69.29	211.2	69.59	

7. Capacity Tables

Cooling Capacity (94HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	177.8	19.74	211.5	23.98	246.3	28.45	263.2	30.73	280.1	33.01	310.6	36.75	317.3	37.05
	12	177.8	20.36	211.5	24.95	246.3	29.41	263.2	31.57	280.1	34.08	310.6	38.75	317.3	39.13
	14	177.8	20.98	211.5	25.95	246.3	30.65	263.2	32.93	280.1	35.55	310.6	40.91	317.3	41.29
	16	177.8	21.63	211.5	26.80	246.3	31.96	263.2	34.47	280.1	37.44	310.6	42.87	317.3	43.49
	18	177.8	22.28	211.5	27.80	246.3	33.19	263.2	36.17	280.1	39.71	310.6	45.30	317.3	45.65
	20	177.8	23.06	211.5	28.84	246.3	35.12	263.2	38.75	280.1	42.49	310.6	47.46	317.3	47.85
	21	177.8	23.56	211.5	29.54	246.3	36.32	263.2	40.06	280.1	44.07	310.6	48.54	317.3	48.93
	23	177.8	24.95	211.5	31.61	246.3	38.98	263.2	42.99	280.1	47.23	310.6	50.85	317.3	51.24
	25	177.8	26.52	211.5	33.66	246.3	41.64	263.2	46.00	280.1	50.50	310.6	53.01	314.9	53.44
	27	177.8	28.34	211.5	35.97	246.3	44.57	263.2	49.16	280.1	53.67	304.7	55.52	311.0	55.95
	29	177.8	30.15	211.5	38.40	246.3	47.58	263.2	52.55	280.1	56.83	298.8	57.75	306.3	58.22
	31	177.8	32.20	211.5	40.91	246.3	50.74	263.2	56.06	280.1	59.69	294.5	59.96	301.6	60.46
	33	177.8	34.16	211.5	43.60	246.3	54.13	263.2	59.80	280.1	61.96	289.8	62.19	296.9	62.70
	35	177.8	36.32	211.5	46.38	246.3	57.64	263.2	63.81	275.8	64.19	284.4	64.43	291.8	64.96
	37	177.8	38.90	211.5	49.74	246.3	61.04	263.2	66.85	271.4	67.17	279.2	67.44	285.9	68.09
	39	177.8	41.72	211.5	53.44	246.3	64.70	263.2	70.13	266.7	70.44	274.6	70.68	281.2	71.36
	41	174.7	44.50	208.0	57.14	242.4	68.32	252.6	73.37	258.1	73.68	264.0	73.95	272.6	74.64
	43	168.8	47.11	200.9	60.57	234.2	71.60	242.1	76.19	244.8	76.46	252.6	76.72	259.2	77.42
46	158.2	50.66	188.4	65.28	219.3	75.95	220.9	79.77	223.6	80.00	230.7	80.23	236.9	81.00	
48	139.9	43.76	166.5	56.48	189.2	64.93	192.3	67.67	194.2	67.90	200.5	68.05	206.0	68.59	
90	10	159.8	17.12	190.8	20.59	221.7	24.29	236.9	26.18	251.9	28.19	282.8	31.54	314.1	35.09
	12	159.8	17.35	190.8	20.93	221.7	24.72	236.9	26.72	251.9	28.81	282.8	32.16	314.1	35.70
	14	159.8	17.66	190.8	21.33	221.7	25.22	236.9	27.23	251.9	29.34	282.8	32.78	314.1	36.41
	16	159.8	17.97	190.8	21.75	221.7	25.76	236.9	27.76	251.9	29.85	282.8	33.40	314.1	37.05
	18	159.8	18.28	190.8	22.18	221.7	26.18	236.9	28.38	251.9	30.50	282.8	34.13	314.1	38.91
	20	159.8	18.62	190.8	22.60	221.7	26.72	236.9	28.92	251.9	31.66	282.8	36.52	314.1	40.76
	21	159.8	18.82	190.8	22.83	221.7	27.23	236.9	29.85	251.9	32.81	282.8	37.13	314.1	41.69
	23	159.8	19.24	190.8	23.76	221.7	29.12	236.9	32.08	251.9	35.13	282.8	39.37	309.8	43.65
	25	159.8	20.20	190.8	25.34	221.7	31.12	236.9	34.28	251.9	37.52	282.8	42.11	305.1	45.54
	27	159.8	21.56	190.8	27.03	221.7	33.24	236.9	36.59	251.9	40.18	282.8	44.77	300.8	47.66
	29	159.8	22.83	190.8	28.81	221.7	35.55	236.9	39.10	251.9	42.88	282.8	47.43	296.1	49.59
	31	159.8	24.29	190.8	30.70	221.7	37.86	236.9	41.64	251.9	45.73	282.8	49.78	291.8	51.51
	33	159.8	25.87	190.8	32.70	221.7	40.37	236.9	44.38	251.9	48.51	282.8	52.18	287.1	53.41
	35	159.8	27.45	190.8	34.70	221.7	42.88	236.9	47.31	251.9	51.44	278.1	55.18	282.8	56.45
	37	159.8	29.12	190.8	36.90	221.7	45.73	236.9	50.25	251.9	54.29	273.7	57.69	278.4	58.99
	39	159.8	30.85	190.8	39.25	221.7	48.40	236.9	53.48	251.9	57.11	269.1	60.81	273.8	61.54
	41	155.8	34.51	186.0	43.53	216.2	53.14	230.7	58.50	245.6	61.66	257.8	64.09	262.4	65.56
	43	151.9	37.25	181.3	47.04	210.7	58.04	225.2	63.00	239.3	66.09	247.2	68.64	251.8	69.45
46	142.2	41.92	170.0	53.56	197.4	66.13	211.1	71.42	217.4	73.42	225.6	75.35	229.9	75.46	
48	125.8	36.63	150.4	46.85	174.7	57.84	186.5	62.31	188.8	63.28	196.2	64.86	199.8	64.94	
80	10	141.8	14.30	169.2	17.16	196.6	20.16	210.7	21.74	224.8	23.33	251.9	26.60	279.2	28.88
	12	141.8	14.58	169.2	17.35	196.6	20.55	210.7	22.13	224.8	23.71	251.9	27.10	279.2	29.45
	14	141.8	14.80	169.2	17.77	196.6	20.85	210.7	22.52	224.8	24.10	251.9	27.60	279.2	30.03
	16	141.8	15.00	169.2	18.05	196.6	21.24	210.7	22.94	224.8	24.60	251.9	28.18	279.2	30.58
	18	141.8	15.27	169.2	18.35	196.6	21.63	210.7	23.33	224.8	25.10	251.9	28.68	279.2	31.27
	20	141.8	15.58	169.2	18.74	196.6	22.13	210.7	23.83	224.8	25.60	251.9	29.77	279.2	33.12
	21	141.8	15.69	169.2	18.97	196.6	22.32	210.7	24.10	224.8	26.21	251.9	30.73	279.2	34.00
	23	141.8	15.97	169.2	19.24	196.6	23.33	210.7	25.60	224.8	27.99	251.9	32.43	279.2	35.67
	25	141.8	16.58	169.2	20.55	196.6	25.02	210.7	27.38	224.8	29.96	251.9	34.70	279.2	38.17
	27	141.8	17.58	169.2	21.82	196.6	26.68	210.7	29.27	224.8	31.96	251.9	36.86	279.2	40.14
	29	141.8	18.66	169.2	23.33	196.6	28.38	210.7	31.15	224.8	34.13	251.9	39.52	279.2	42.95
	31	141.8	19.85	169.2	24.71	196.6	30.27	210.7	33.24	224.8	36.32	251.9	41.91	279.2	45.11
	33	141.8	21.05	169.2	26.41	196.6	32.27	210.7	35.43	224.8	38.71	251.9	44.18	279.2	47.30
	35	141.8	22.32	169.2	27.99	196.6	34.35	210.7	37.71	224.8	41.29	251.9	46.84	276.1	49.01
	37	141.8	23.63	169.2	29.76	196.6	36.43	210.7	40.10	224.8	43.87	251.9	49.43	271.8	51.24
	39	141.8	24.95	169.2	31.46	196.6	38.98	210.7	43.10	224.8	47.15	251.9	52.24	267.2	54.06
	41	138.3	27.61	164.9	34.86	191.5	42.76	205.2	47.23	218.9	51.78	245.6	58.14	256.1	59.91
	43	134.8	30.39	160.9	38.05	186.8	46.69	200.1	51.51	213.5	56.60	239.3	62.19	245.6	64.12
46	126.5	33.81	150.8	42.84	175.0	52.59	187.6	57.30	200.1	63.88	218.9	67.90	224.0	68.98	
48	112.0	29.53	133.2	37.47	154.7	46.00	166.0	50.05	177.0	55.91	190.0	58.76	194.7	59.38	

7. Capacity Tables

Cooling Capacity (94HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	124.1	12.49	148.5	14.84	172.0	17.20	184.1	18.58	196.6	19.86	220.1	22.63	244.4	25.29
	12	124.1	12.68	148.5	15.04	172.0	17.61	184.1	18.89	196.6	20.27	220.1	23.01	244.4	25.79
	14	124.1	12.88	148.5	15.23	172.0	17.89	184.1	19.16	196.6	20.55	220.1	23.51	244.4	26.25
	16	124.1	13.07	148.5	15.54	172.0	18.20	184.1	19.58	196.6	20.94	220.1	23.90	244.4	26.83
	18	124.1	13.26	148.5	15.84	172.0	18.58	184.1	19.97	196.6	21.35	220.1	24.29	244.4	27.29
	20	124.1	13.49	148.5	16.12	172.0	18.89	184.1	20.36	196.6	21.82	220.1	24.87	244.4	28.33
	21	124.1	13.68	148.5	16.23	172.0	19.08	184.1	20.55	196.6	22.02	220.1	25.29	244.4	28.92
	23	124.1	13.88	148.5	16.62	172.0	19.47	184.1	21.24	196.6	23.13	220.1	27.06	244.4	30.53
	25	124.1	14.07	148.5	17.20	172.0	20.74	184.1	22.71	196.6	24.68	220.1	28.91	244.4	32.03
	27	124.1	14.84	148.5	18.39	172.0	22.13	184.1	24.09	196.6	26.37	220.1	30.88	244.4	34.04
	29	124.1	15.84	148.5	19.47	172.0	23.51	184.1	25.67	196.6	28.03	220.1	32.96	244.4	36.47
	31	124.1	16.81	148.5	20.74	172.0	25.09	184.1	27.45	196.6	29.91	220.1	35.12	244.4	38.70
	33	124.1	17.81	148.5	21.93	172.0	26.64	184.1	29.11	196.6	31.77	220.1	37.36	244.4	41.18
	35	124.1	18.78	148.5	23.40	172.0	28.33	184.1	30.99	196.6	33.84	220.1	39.82	244.4	43.68
	37	124.1	19.97	148.5	24.79	172.0	30.11	184.1	32.96	196.6	36.00	220.1	42.40	244.4	46.10
	39	124.1	21.20	148.5	26.44	172.0	32.19	184.1	35.46	196.6	38.89	220.1	45.37	244.4	49.69
	41	121.0	23.44	144.6	28.95	167.6	35.31	179.4	38.89	191.5	42.29	214.3	49.84	238.1	53.62
	43	117.9	25.52	141.0	31.57	163.4	38.51	175.1	42.40	186.8	46.15	209.1	54.43	232.3	57.94
46	110.5	28.34	132.4	35.50	153.2	43.37	164.1	47.22	175.0	52.04	195.8	61.41	217.7	64.61	
48	97.9	24.75	117.1	31.00	135.5	37.93	145.3	41.28	154.7	45.53	173.2	53.74	192.7	55.90	
60	10	106.2	10.72	126.9	12.57	147.6	14.61	157.9	15.69	168.4	16.65	188.8	18.92	209.6	21.16
	12	106.2	10.91	126.9	12.76	147.6	14.80	157.9	15.88	168.4	16.96	188.8	19.20	209.6	21.55
	14	106.2	11.02	126.9	12.95	147.6	15.11	157.9	16.19	168.4	17.26	188.8	19.58	209.6	21.93
	16	106.2	11.21	126.9	13.26	147.6	15.30	157.9	16.46	168.4	17.65	188.8	19.97	209.6	22.32
	18	106.2	11.41	126.9	13.45	147.6	15.61	157.9	16.77	168.4	17.93	188.8	20.27	209.6	22.82
	20	106.2	11.60	126.9	13.64	147.6	15.88	157.9	17.04	168.4	18.23	188.8	20.66	209.6	23.28
	21	106.2	11.88	126.9	13.76	147.6	16.08	157.9	17.26	168.4	18.42	188.8	20.97	209.6	23.48
	23	106.2	11.88	126.9	14.03	147.6	16.27	157.9	17.54	168.4	18.81	188.8	21.74	209.6	24.94
	25	106.2	12.10	126.9	14.34	147.6	16.96	157.9	18.42	168.4	19.97	188.8	23.20	209.6	26.71
	27	106.2	12.49	126.9	15.11	147.6	18.04	157.9	19.58	168.4	21.24	188.8	24.67	209.6	28.45
	29	106.2	13.26	126.9	16.08	147.6	19.20	157.9	20.85	168.4	22.62	188.8	26.32	209.6	30.41
	31	106.2	14.03	126.9	17.04	147.6	20.36	157.9	22.21	168.4	24.09	188.8	28.06	209.6	32.34
	33	106.2	14.80	126.9	18.04	147.6	21.63	157.9	23.59	168.4	25.63	188.8	29.83	209.6	34.50
	35	106.2	15.69	126.9	19.20	147.6	23.01	157.9	25.05	168.4	27.18	188.8	31.76	209.6	36.65
	37	106.2	16.57	126.9	20.27	147.6	24.36	157.9	26.60	168.4	28.84	188.8	33.73	209.6	38.97
	39	106.2	17.62	126.9	21.58	147.6	26.29	157.9	28.56	168.4	31.03	188.8	36.16	209.6	41.78
	41	103.4	19.12	123.7	23.59	143.8	28.56	153.9	31.18	164.1	33.69	184.1	39.67	204.4	45.40
	43	101.0	20.77	120.6	25.71	140.2	31.14	150.0	33.99	159.8	36.74	179.4	43.32	199.3	49.57
46	94.7	23.25	113.2	28.87	131.6	35.00	140.6	38.20	150.0	41.36	168.4	48.80	186.8	56.50	
48	83.8	20.27	99.9	25.17	116.3	30.60	124.5	33.38	132.4	36.12	148.8	42.67	165.3	49.42	
50	10	88.9	9.17	106.2	10.63	123.0	12.06	131.6	12.95	140.2	13.72	157.0	15.45	174.7	17.19
	12	88.9	9.28	106.2	10.72	123.0	12.26	131.6	13.14	140.2	13.99	157.0	15.73	174.7	17.49
	14	88.9	9.37	106.2	10.91	123.0	12.45	131.6	13.33	140.2	14.19	157.0	15.92	174.7	17.77
	16	88.9	9.56	106.2	11.10	123.0	12.64	131.6	13.61	140.2	14.38	157.0	16.22	174.7	18.07
	18	88.9	9.67	106.2	11.21	123.0	12.84	131.6	13.80	140.2	14.68	157.0	16.50	174.7	18.46
	20	88.9	9.75	106.2	11.41	123.0	13.14	131.6	13.99	140.2	14.96	157.0	16.80	174.7	18.84
	21	88.9	9.86	106.2	11.49	123.0	13.22	131.6	14.19	140.2	15.07	157.0	17.00	174.7	19.04
	23	88.9	10.06	106.2	11.68	123.0	13.41	131.6	14.38	140.2	15.34	157.0	17.30	174.7	19.42
	25	88.9	10.14	106.2	11.87	123.0	13.72	131.6	14.68	140.2	15.84	157.0	18.15	174.7	20.77
	27	88.9	10.33	106.2	12.26	123.0	14.49	131.6	15.65	140.2	16.80	157.0	19.42	174.7	22.12
	29	88.9	10.91	106.2	13.03	123.0	15.34	131.6	16.61	140.2	17.88	157.0	20.58	174.7	23.47
	31	88.9	11.49	106.2	13.80	123.0	16.31	131.6	17.57	140.2	19.04	157.0	21.93	174.7	25.01
	33	88.9	12.18	106.2	14.57	123.0	17.30	131.6	18.65	140.2	20.19	157.0	23.28	174.7	26.67
	35	88.9	12.84	106.2	15.45	123.0	18.26	131.6	19.81	140.2	21.35	157.0	24.63	174.7	28.29
	37	88.9	13.61	106.2	16.31	123.0	19.31	131.6	20.96	140.2	22.59	157.0	26.28	174.7	30.02
	39	88.9	14.53	106.2	17.50	123.0	20.70	131.6	22.55	140.2	24.24	157.0	27.98	174.7	32.45
	41	86.6	15.72	103.4	18.93	119.9	22.62	128.1	24.43	136.3	26.28	153.1	30.68	170.4	35.23
	43	84.6	17.07	101.0	20.58	117.1	24.63	125.0	26.59	133.2	28.60	149.2	33.45	166.1	38.43
46	79.1	19.12	94.7	23.09	109.7	27.63	117.1	29.87	124.6	32.11	139.8	37.62	155.8	43.28	
48	70.1	16.65	83.8	20.15	97.1	24.09	103.8	26.09	110.4	28.02	123.7	32.88	137.8	37.81	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

◆ ARUM960BTE5

Cooling Capacity (96HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14	16	16	18	19	20	20	22	24					
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
130	10	245.6	28.08	292.8	34.32	313.6	39.80	322.8	40.64	331.6	40.96	347.6	41.28	356.8	41.44
	12	245.6	28.76	292.8	35.56	313.6	41.44	322.8	41.72	331.6	42.04	347.6	42.40	356.8	42.76
	14	245.6	29.76	292.8	36.84	313.6	43.00	322.8	43.32	331.6	43.68	347.6	44.00	356.8	44.40
	16	245.6	30.84	292.8	38.12	313.6	44.92	322.8	45.36	331.6	45.72	347.6	46.12	356.8	46.48
	18	245.6	32.12	292.8	40.32	313.6	47.00	322.8	48.00	331.6	48.40	347.6	48.88	356.8	49.20
	20	245.6	33.52	292.8	42.96	313.6	49.32	322.8	52.80	331.6	53.24	342.8	53.76	351.6	54.12
	21	245.6	34.40	292.8	44.48	313.6	50.36	322.8	55.88	331.6	56.32	340.8	56.88	349.6	57.28
	23	245.6	36.92	292.8	46.76	313.6	52.96	322.8	61.68	327.6	62.16	335.6	62.80	344.8	63.20
	25	245.6	39.44	292.8	49.48	313.6	56.60	318.8	68.40	322.8	68.96	331.6	69.64	340.8	70.12
	27	245.6	42.20	292.8	52.88	309.6	60.32	313.6	75.28	318.8	75.88	327.6	76.64	335.6	77.16
	29	245.6	44.96	292.8	56.52	304.8	64.88	309.2	82.76	313.6	83.24	322.8	84.00	331.6	84.32
	31	245.6	48.00	291.6	59.56	299.6	69.04	304.8	82.40	309.2	82.88	317.6	83.64	326.8	83.96
	33	245.6	51.12	286.8	63.08	295.6	74.04	300.4	81.64	304.8	82.16	313.6	82.88	321.6	83.20
	35	245.6	54.52	281.6	66.08	290.8	80.20	295.6	80.60	300.4	81.08	308.8	81.80	317.6	82.12
	37	245.6	58.12	277.6	69.36	286.8	79.12	290.8	79.52	295.6	80.00	303.6	80.72	312.8	81.04
	39	245.6	61.92	272.8	73.00	281.6	78.08	286.8	78.44	290.8	78.92	299.6	79.64	308.8	79.96
	41	239.6	65.68	261.6	76.64	270.4	77.00	274.4	77.40	279.6	77.84	288.0	78.56	296.0	78.88
	43	233.6	69.28	250.4	75.56	259.2	75.96	263.2	76.32	268.4	76.80	276.8	77.48	284.4	77.76
	46	218.8	74.12	228.4	74.00	236.8	74.36	240.4	74.72	245.6	75.20	253.2	75.84	260.4	76.16
	48	193.6	72.08	198.4	72.28	206.0	72.44	209.2	72.64	213.6	73.28	220.4	73.72	226.8	74.00
120	10	227.2	25.28	270.4	30.96	295.2	36.80	304.4	39.80	313.2	40.40	330.4	40.56	338.4	40.88
	12	227.2	25.96	270.4	32.04	295.2	38.28	304.4	40.64	313.2	41.92	330.4	42.40	338.4	42.76
	14	227.2	26.84	270.4	33.12	295.2	39.84	304.4	42.16	313.2	43.44	330.4	44.08	338.4	44.44
	16	227.2	27.80	270.4	34.48	295.2	41.36	304.4	43.72	313.2	45.44	330.4	46.00	338.4	46.36
	18	227.2	28.88	270.4	36.00	295.2	43.04	304.4	46.04	313.2	47.80	330.4	48.32	338.4	48.72
	20	227.2	30.00	270.4	38.20	295.2	45.36	304.4	48.44	313.2	50.32	330.4	50.96	338.4	51.40
	21	227.2	30.92	270.4	39.56	295.2	46.60	304.4	49.88	313.2	51.96	330.4	52.64	338.4	53.04
	23	227.2	33.04	270.4	42.32	295.2	49.96	304.4	53.00	313.2	55.40	330.4	55.96	338.4	56.40
	25	227.2	35.28	270.4	45.36	295.2	52.68	304.4	56.48	313.2	59.40	326.4	59.92	334.4	60.40
	27	227.2	37.68	270.4	48.48	295.2	56.08	304.4	60.36	313.2	63.84	321.2	64.28	329.6	64.80
	29	227.2	40.20	270.4	51.76	295.2	59.00	304.4	64.60	308.4	68.04	316.4	69.08	325.2	69.64
	31	227.2	42.84	270.4	55.28	295.2	62.04	300.4	69.20	304.4	73.00	312.4	74.28	320.4	74.88
	33	227.2	45.60	270.4	58.92	291.2	65.64	295.2	75.12	299.2	78.36	307.2	79.28	315.2	79.92
	35	227.2	48.48	270.4	62.80	286.4	69.48	290.4	82.76	295.2	83.16	303.2	83.40	311.2	84.08
	37	227.2	52.16	270.4	66.28	282.4	74.08	286.4	81.00	290.4	81.40	298.4	81.64	306.4	82.32
	39	227.2	56.16	269.2	70.04	277.2	78.56	281.2	79.36	285.2	79.76	294.4	80.00	302.4	80.60
	41	221.6	60.16	257.6	73.80	266.4	77.00	270.0	77.68	274.0	78.08	282.0	78.32	290.0	78.92
	43	216.0	64.20	246.8	72.76	255.2	75.28	258.8	76.00	262.8	76.40	270.4	76.64	278.4	77.24
	46	202.4	69.04	224.8	71.04	233.2	72.92	236.4	73.52	240.0	73.88	247.6	74.12	254.8	74.68
	48	179.2	67.60	195.2	69.76	202.8	71.48	205.6	71.92	208.8	72.16	215.2	72.44	221.6	72.76
110	10	208.0	22.72	248.0	27.68	276.8	32.88	284.8	35.60	302.8	38.32	310.0	39.40	330.8	40.04
	12	208.0	23.44	248.0	28.64	276.8	34.28	284.8	36.60	302.8	39.76	310.0	41.04	330.8	42.00
	14	208.0	24.16	248.0	29.92	276.8	35.80	284.8	38.44	302.8	41.76	310.0	42.96	330.8	43.88
	16	208.0	25.04	248.0	31.00	276.8	37.28	284.8	40.12	302.8	43.68	310.0	44.88	330.8	45.68
	18	208.0	25.96	248.0	32.32	276.8	39.44	284.8	42.24	302.8	46.08	310.0	47.00	330.8	47.88
	20	208.0	26.88	248.0	33.92	276.8	41.84	284.8	44.16	302.8	48.32	310.0	49.52	330.8	50.32
	21	208.0	27.48	248.0	34.92	276.8	42.92	284.8	45.36	302.8	49.68	310.0	50.92	330.8	51.72
	23	208.0	29.28	248.0	37.44	276.8	45.32	284.8	47.88	302.8	52.48	310.0	53.60	330.8	54.48
	25	208.0	31.28	248.0	39.96	276.8	47.84	284.8	50.64	302.8	55.44	310.0	56.24	326.8	57.40
	27	208.0	33.40	248.0	42.72	276.8	50.56	284.8	53.60	302.8	57.92	310.0	59.24	322.0	60.24
	29	208.0	35.68	248.0	45.60	276.8	53.44	284.8	56.76	302.8	61.20	310.0	62.24	318.0	63.20
	31	208.0	37.92	248.0	48.60	276.8	56.48	284.8	60.12	298.0	64.32	306.0	65.56	312.8	66.24
	33	208.0	40.44	248.0	51.76	276.8	59.68	284.8	63.72	294.0	67.92	300.8	69.04	308.8	69.40
	35	208.0	42.96	248.0	55.28	276.8	63.00	284.8	67.52	288.8	71.68	296.0	72.32	304.0	72.68
	37	208.0	45.52	248.0	58.68	276.8	66.52	280.8	71.52	284.0	75.60	292.0	75.84	298.8	76.04
	39	208.0	49.08	248.0	62.32	272.0	70.20	276.0	76.52	280.0	79.32	286.8	79.44	294.8	79.52
	41	202.8	52.64	241.6	66.00	260.4	74.00	264.4	82.76	267.6	82.76	275.6	83.40	282.4	84.08
	43	197.6	55.28	235.6	68.76	249.6	78.48	253.6	79.36	256.8	79.20	264.4	79.64	271.2	79.88
	46	185.2	53.96	220.8	66.40	227.6	74.48	231.6	74.48	234.4	75.12	241.6	75.56	248.0	75.76
	48	164.0	52.40	192.0	63.96	197.6	70.88	201.2	71.36	204.0	71.68	210.4	71.88	215.6	72.20

7. Capacity Tables

Cooling Capacity (96HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	10	181.6	20.48	216.0	24.88	251.6	29.52	268.8	31.88	286.0	34.24	317.2	38.12	324.0	38.44
	12	181.6	21.12	216.0	25.88	251.6	30.52	268.8	32.76	286.0	35.36	317.2	40.20	324.0	40.60
	14	181.6	21.76	216.0	26.92	251.6	31.80	268.8	34.16	286.0	36.88	317.2	42.44	324.0	42.84
	16	181.6	22.44	216.0	27.80	251.6	33.16	268.8	35.76	286.0	38.84	317.2	44.48	324.0	45.12
	18	181.6	23.12	216.0	28.84	251.6	34.44	268.8	37.52	286.0	41.20	317.2	47.00	324.0	47.36
	20	181.6	23.92	216.0	29.92	251.6	36.44	268.8	40.20	286.0	44.08	317.2	49.24	324.0	49.64
	21	181.6	24.44	216.0	30.64	251.6	37.68	268.8	41.56	286.0	45.72	317.2	50.36	324.0	50.76
	23	181.6	25.88	216.0	32.80	251.6	40.44	268.8	44.60	286.0	49.00	317.2	52.76	324.0	53.16
	25	181.6	27.52	216.0	34.92	251.6	43.20	268.8	47.72	286.0	52.40	317.2	55.00	321.6	55.44
	27	181.6	29.40	216.0	37.32	251.6	46.24	268.8	51.00	286.0	55.68	311.2	57.60	317.6	58.04
	29	181.6	31.28	216.0	39.84	251.6	49.36	268.8	54.52	286.0	58.96	305.2	59.92	312.8	60.40
	31	181.6	33.40	216.0	42.44	251.6	52.64	268.8	58.16	286.0	61.92	300.8	62.20	308.0	62.72
	33	181.6	35.44	216.0	45.24	251.6	56.16	268.8	62.04	286.0	64.28	296.0	64.52	303.2	65.04
	35	181.6	37.68	216.0	48.12	251.6	59.80	268.8	66.20	281.6	66.60	290.4	66.84	298.0	67.40
	37	181.6	40.36	216.0	51.60	251.6	63.32	268.8	69.36	277.2	69.68	285.2	69.96	292.0	70.64
	39	181.6	43.28	216.0	55.44	251.6	67.12	268.8	72.76	272.4	73.08	280.4	73.32	287.2	74.04
	41	178.4	46.16	212.4	59.28	247.6	70.88	258.0	76.12	263.6	76.44	269.6	76.72	278.4	77.44
	43	172.4	48.88	205.2	62.84	239.2	74.28	247.2	79.04	250.0	79.32	258.0	79.60	264.8	80.32
46	161.6	52.56	192.4	67.72	224.0	78.80	225.6	82.76	228.4	83.00	235.6	83.24	242.0	84.04	
48	142.8	45.40	170.0	58.60	193.2	67.36	196.4	70.20	198.4	70.44	204.8	70.60	210.4	71.16	
90	10	163.2	17.76	194.8	21.36	226.4	25.20	242.0	27.16	257.2	29.24	288.8	32.72	320.8	36.40
	12	163.2	18.00	194.8	21.72	226.4	25.64	242.0	27.72	257.2	29.88	288.8	33.36	320.8	37.04
	14	163.2	18.32	194.8	22.12	226.4	26.16	242.0	28.24	257.2	30.44	288.8	34.00	320.8	37.76
	16	163.2	18.64	194.8	22.56	226.4	26.72	242.0	28.80	257.2	30.96	288.8	34.64	320.8	38.44
	18	163.2	18.96	194.8	23.00	226.4	27.16	242.0	29.44	257.2	31.64	288.8	35.40	320.8	40.36
	20	163.2	19.32	194.8	23.44	226.4	27.72	242.0	30.00	257.2	32.84	288.8	37.88	320.8	42.28
	21	163.2	19.52	194.8	23.68	226.4	28.24	242.0	30.96	257.2	34.04	288.8	38.52	320.8	43.24
	23	163.2	19.96	194.8	24.64	226.4	30.20	242.0	33.28	257.2	36.44	288.8	40.84	316.4	45.28
	25	163.2	20.96	194.8	26.28	226.4	32.28	242.0	35.56	257.2	38.92	288.8	43.68	311.6	47.24
	27	163.2	22.36	194.8	28.04	226.4	34.48	242.0	37.96	257.2	41.68	288.8	46.44	307.2	49.44
	29	163.2	23.68	194.8	29.88	226.4	36.88	242.0	40.56	257.2	44.48	288.8	49.20	302.4	51.44
	31	163.2	25.20	194.8	31.84	226.4	39.28	242.0	43.20	257.2	47.44	288.8	51.64	298.0	53.44
	33	163.2	26.84	194.8	33.92	226.4	41.88	242.0	46.04	257.2	50.32	288.8	54.12	293.2	55.40
	35	163.2	28.48	194.8	36.00	226.4	44.48	242.0	49.08	257.2	53.36	284.0	57.24	288.8	58.56
	37	163.2	30.20	194.8	38.28	226.4	47.44	242.0	52.12	257.2	56.32	279.6	59.84	284.4	61.20
	39	163.2	32.00	194.8	40.72	226.4	50.20	242.0	55.48	257.2	59.24	274.8	63.08	279.6	63.84
	41	159.2	35.80	190.0	45.16	220.8	55.12	235.6	60.68	250.8	63.96	263.2	66.48	268.0	68.00
	43	155.2	38.64	185.2	48.80	215.2	60.20	230.0	65.36	244.4	68.56	252.4	71.20	257.2	72.04
46	145.2	43.48	173.6	55.56	201.6	68.60	215.6	74.08	222.0	76.16	230.4	78.16	234.8	78.28	
48	128.4	38.00	153.6	48.60	178.4	60.00	190.4	64.64	192.8	65.64	200.4	67.28	204.0	67.36	
80	10	144.8	14.84	172.8	17.80	200.8	20.92	215.2	22.56	229.6	24.20	257.2	27.60	285.2	29.96
	12	144.8	15.12	172.8	18.00	200.8	21.32	215.2	22.96	229.6	24.60	257.2	28.12	285.2	30.56
	14	144.8	15.36	172.8	18.44	200.8	21.64	215.2	23.36	229.6	25.00	257.2	28.64	285.2	31.16
	16	144.8	15.56	172.8	18.72	200.8	22.04	215.2	23.80	229.6	25.52	257.2	29.24	285.2	31.72
	18	144.8	15.84	172.8	19.04	200.8	22.44	215.2	24.20	229.6	26.04	257.2	29.76	285.2	32.44
	20	144.8	16.16	172.8	19.44	200.8	22.96	215.2	24.72	229.6	26.56	257.2	30.88	285.2	34.36
	21	144.8	16.28	172.8	19.68	200.8	23.16	215.2	25.00	229.6	27.20	257.2	31.88	285.2	35.28
	23	144.8	16.56	172.8	19.96	200.8	24.20	215.2	26.56	229.6	29.04	257.2	33.64	285.2	37.00
	25	144.8	17.20	172.8	21.32	200.8	25.96	215.2	28.40	229.6	31.08	257.2	36.00	285.2	39.60
	27	144.8	18.24	172.8	22.64	200.8	27.68	215.2	30.36	229.6	33.16	257.2	38.24	285.2	41.64
	29	144.8	19.36	172.8	24.20	200.8	29.44	215.2	32.32	229.6	35.40	257.2	41.00	285.2	44.56
	31	144.8	20.60	172.8	25.64	200.8	31.40	215.2	34.48	229.6	37.68	257.2	43.48	285.2	46.80
	33	144.8	21.84	172.8	27.40	200.8	33.48	215.2	36.76	229.6	40.16	257.2	45.84	285.2	49.08
	35	144.8	23.16	172.8	29.04	200.8	35.64	215.2	39.12	229.6	42.84	257.2	48.60	282.0	50.84
	37	144.8	24.52	172.8	30.88	200.8	37.80	215.2	41.60	229.6	45.52	257.2	51.28	277.6	53.16
	39	144.8	25.88	172.8	32.64	200.8	40.44	215.2	44.72	229.6	48.92	257.2	54.20	272.8	56.08
	41	141.2	28.64	168.4	36.16	195.6	44.36	209.6	49.00	223.6	53.72	250.8	60.32	261.6	62.16
	43	137.6	31.52	164.4	39.48	190.8	48.44	204.4	53.44	218.0	58.72	244.4	64.52	250.8	66.52
46	129.2	35.08	154.0	44.44	178.8	54.56	191.6	59.44	204.4	66.28	223.6	70.44	228.8	71.56	
48	114.4	30.64	136.0	38.88	158.0	47.72	169.6	51.92	180.8	58.00	194.0	60.96	198.8	61.60	

7. Capacity Tables

Cooling Capacity (96HP)

Combination (%)	Outdoor air temp. (DB, °C)	Indoor air temp. (DB/WB, °C)													
		20		23		26		27		28		30		32	
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	10	126.8	12.96	151.6	15.40	175.6	17.84	188.0	19.28	200.8	20.60	224.8	23.48	249.6	26.24
	12	126.8	13.16	151.6	15.60	175.6	18.28	188.0	19.60	200.8	21.04	224.8	23.88	249.6	26.76
	14	126.8	13.36	151.6	15.80	175.6	18.56	188.0	19.88	200.8	21.32	224.8	24.40	249.6	27.24
	16	126.8	13.56	151.6	16.12	175.6	18.88	188.0	20.32	200.8	21.72	224.8	24.80	249.6	27.84
	18	126.8	13.76	151.6	16.44	175.6	19.28	188.0	20.72	200.8	22.16	224.8	25.20	249.6	28.32
	20	126.8	14.00	151.6	16.72	175.6	19.60	188.0	21.12	200.8	22.64	224.8	25.80	249.6	29.40
	21	126.8	14.20	151.6	16.84	175.6	19.80	188.0	21.32	200.8	22.84	224.8	26.24	249.6	30.00
	23	126.8	14.40	151.6	17.24	175.6	20.20	188.0	22.04	200.8	24.00	224.8	28.08	249.6	31.68
	25	126.8	14.60	151.6	17.84	175.6	21.52	188.0	23.56	200.8	25.60	224.8	30.00	249.6	33.24
	27	126.8	15.40	151.6	19.08	175.6	22.96	188.0	25.00	200.8	27.36	224.8	32.04	249.6	35.32
	29	126.8	16.44	151.6	20.20	175.6	24.40	188.0	26.64	200.8	29.08	224.8	34.20	249.6	37.84
	31	126.8	17.44	151.6	21.52	175.6	26.04	188.0	28.48	200.8	31.04	224.8	36.44	249.6	40.16
	33	126.8	18.48	151.6	22.76	175.6	27.64	188.0	30.20	200.8	32.96	224.8	38.76	249.6	42.72
	35	126.8	19.48	151.6	24.28	175.6	29.40	188.0	32.16	200.8	35.12	224.8	41.32	249.6	45.32
	37	126.8	20.72	151.6	25.72	175.6	31.24	188.0	34.20	200.8	37.36	224.8	44.00	249.6	47.84
	39	126.8	22.00	151.6	27.44	175.6	33.40	188.0	36.80	200.8	40.36	224.8	47.08	249.6	51.56
	41	123.6	24.32	147.6	30.04	171.2	36.64	183.2	40.36	195.6	43.88	218.8	51.72	243.2	55.64
	43	120.4	26.48	144.0	32.76	166.8	39.96	178.8	44.00	190.8	47.88	213.6	56.48	237.2	60.12
46	112.8	29.40	135.2	36.84	156.4	45.00	167.6	49.00	178.8	54.00	200.0	63.72	222.4	67.04	
48	100.0	25.68	119.6	32.16	138.4	39.36	148.4	42.84	158.0	47.24	176.8	55.76	196.8	58.00	
60	10	108.4	11.12	129.6	13.04	150.8	15.16	161.2	16.28	172.0	17.28	192.8	19.64	214.0	21.96
	12	108.4	11.32	129.6	13.24	150.8	15.36	161.2	16.48	172.0	17.60	192.8	19.92	214.0	22.36
	14	108.4	11.44	129.6	13.44	150.8	15.68	161.2	16.80	172.0	17.92	192.8	20.32	214.0	22.76
	16	108.4	11.64	129.6	13.76	150.8	15.88	161.2	17.08	172.0	18.32	192.8	20.72	214.0	23.16
	18	108.4	11.84	129.6	13.96	150.8	16.20	161.2	17.40	172.0	18.60	192.8	21.04	214.0	23.68
	20	108.4	12.04	129.6	14.16	150.8	16.48	161.2	17.68	172.0	18.92	192.8	21.44	214.0	24.16
	21	108.4	12.12	129.6	14.28	150.8	16.68	161.2	17.92	172.0	19.12	192.8	21.76	214.0	24.36
	23	108.4	12.32	129.6	14.56	150.8	16.88	161.2	18.20	172.0	19.52	192.8	22.56	214.0	25.88
	25	108.4	12.56	129.6	14.88	150.8	17.60	161.2	19.12	172.0	20.72	192.8	24.08	214.0	27.72
	27	108.4	12.96	129.6	15.68	150.8	18.72	161.2	20.32	172.0	22.04	192.8	25.60	214.0	29.52
	29	108.4	13.76	129.6	16.68	150.8	19.92	161.2	21.64	172.0	23.48	192.8	27.32	214.0	31.56
	31	108.4	14.56	129.6	17.68	150.8	21.12	161.2	23.04	172.0	25.00	192.8	29.12	214.0	33.56
	33	108.4	15.36	129.6	18.72	150.8	22.44	161.2	24.48	172.0	26.60	192.8	30.96	214.0	35.80
	35	108.4	16.28	129.6	19.92	150.8	23.88	161.2	26.00	172.0	28.20	192.8	32.96	214.0	38.04
	37	108.4	17.20	129.6	21.04	150.8	25.28	161.2	27.60	172.0	29.92	192.8	35.00	214.0	40.44
	39	108.4	18.28	129.6	22.40	150.8	27.28	161.2	29.64	172.0	32.20	192.8	37.52	214.0	43.36
	41	105.6	19.84	126.4	24.48	146.8	29.64	157.2	32.36	167.6	34.96	188.0	41.16	208.8	47.12
	43	103.2	21.56	123.2	26.68	143.2	32.32	153.2	35.28	163.2	38.12	183.2	44.96	203.6	51.44
46	96.8	24.12	115.6	29.96	134.4	36.32	143.6	39.64	153.2	42.92	172.0	50.64	190.8	58.64	
48	85.6	21.04	102.0	26.12	118.8	31.76	127.2	34.64	135.2	37.48	152.0	44.28	168.8	51.28	
50	10	90.8	9.52	108.4	11.04	125.6	12.52	134.4	13.44	143.2	14.24	160.4	16.04	178.4	17.84
	12	90.8	9.64	108.4	11.12	125.6	12.72	134.4	13.64	143.2	14.52	160.4	16.32	178.4	18.16
	14	90.8	9.72	108.4	11.32	125.6	12.92	134.4	13.84	143.2	14.72	160.4	16.52	178.4	18.44
	16	90.8	9.92	108.4	11.52	125.6	13.12	134.4	14.12	143.2	14.92	160.4	16.84	178.4	18.76
	18	90.8	10.04	108.4	11.64	125.6	13.32	134.4	14.32	143.2	15.24	160.4	17.12	178.4	19.16
	20	90.8	10.12	108.4	11.84	125.6	13.64	134.4	14.52	143.2	15.52	160.4	17.44	178.4	19.56
	21	90.8	10.24	108.4	11.92	125.6	13.72	134.4	14.72	143.2	15.64	160.4	17.64	178.4	19.76
	23	90.8	10.44	108.4	12.12	125.6	13.92	134.4	14.92	143.2	15.92	160.4	17.96	178.4	20.16
	25	90.8	10.52	108.4	12.32	125.6	14.24	134.4	15.24	143.2	16.44	160.4	18.84	178.4	21.56
	27	90.8	10.72	108.4	12.72	125.6	15.04	134.4	16.24	143.2	17.44	160.4	20.16	178.4	22.96
	29	90.8	11.32	108.4	13.52	125.6	15.92	134.4	17.24	143.2	18.56	160.4	21.36	178.4	24.36
	31	90.8	11.92	108.4	14.32	125.6	16.92	134.4	18.24	143.2	19.76	160.4	22.76	178.4	25.96
	33	90.8	12.64	108.4	15.12	125.6	17.96	134.4	19.36	143.2	20.96	160.4	24.16	178.4	27.68
	35	90.8	13.32	108.4	16.04	125.6	18.96	134.4	20.56	143.2	22.16	160.4	25.56	178.4	29.36
	37	90.8	14.12	108.4	16.92	125.6	20.04	134.4	21.76	143.2	23.44	160.4	27.28	178.4	31.16
	39	90.8	15.08	108.4	18.16	125.6	21.48	134.4	23.40	143.2	25.16	160.4	29.04	178.4	33.68
	41	88.4	16.32	105.6	19.64	122.4	23.48	130.8	25.36	139.2	27.28	156.4	31.84	174.0	36.56
	43	86.4	17.72	103.2	21.36	119.6	25.56	127.6	27.60	136.0	29.68	152.4	34.72	169.6	39.88
46	80.8	19.84	96.8	23.96	112.0	28.68	119.6	31.00	127.2	33.32	142.8	39.04	159.2	44.92	
48	71.6	17.28	85.6	20.92	99.2	25.00	106.0	27.08	112.8	29.08	126.4	34.12	140.8	39.24	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.

7. Capacity Tables

7.2 Heating Capacity

7.2.1 Single Unit

◆ ARUM080BTE5

Heating Capacity (8HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	15.6	7.45	15.6	7.50	15.5	7.54	15.5	7.61	15.5	7.67	15.2	7.77
	-21.8	-22	19.0	7.55	19.0	7.60	18.9	7.64	18.9	7.71	18.9	7.77	18.5	7.87
	-19.8	-20	20.1	7.61	20.1	7.66	19.9	7.71	19.9	7.77	19.9	7.84	19.5	7.93
	-18.8	-19	20.5	7.65	20.5	7.70	20.4	7.74	20.4	7.81	20.4	7.87	20.0	7.97
	-16.7	-17	21.5	7.72	21.5	7.77	21.4	7.81	21.4	7.88	21.4	7.94	21.0	8.04
	-13.7	-15	22.9	7.82	22.9	7.87	22.8	7.91	22.8	7.97	22.8	8.04	22.3	7.68
	-11.8	-13	23.7	7.88	23.7	7.93	23.5	7.97	23.5	8.04	23.5	7.79	23.2	7.45
	-9.8	-11	24.5	7.94	24.5	7.99	24.3	8.04	24.3	7.77	24.3	7.53	24.1	7.21
	-9.5	-10	24.6	7.95	24.6	8.00	24.5	8.00	24.5	7.73	24.4	7.49	24.3	7.17
	-8.5	-9.1	25.1	7.99	25.1	8.04	24.9	7.85	24.9	7.59	24.8	7.36	24.7	7.05
	-7.0	-7.6	25.8	8.04	25.8	7.83	25.6	7.64	25.6	7.39	25.6	7.17	25.4	6.87
	-5.0	-5.6	26.7	7.75	26.7	7.54	26.5	7.36	26.5	7.12	26.5	6.91	26.3	6.63
	-3.0	-3.7	27.6	7.47	27.6	7.26	27.5	7.08	27.5	6.85	27.5	6.65	27.3	6.39
	0.0	-0.7	29.0	7.04	29.0	6.83	28.9	6.66	28.9	6.45	28.9	6.26	28.4	6.03
	3.0	2.2	30.4	6.61	30.4	6.41	30.2	6.24	30.2	6.05	30.2	5.87	28.4	5.67
	5.0	4.1	31.4	6.32	31.4	6.13	31.2	5.96	31.2	5.78	30.6	5.61	28.4	5.43
	7.0	6.0	32.3	6.04	32.3	5.84	32.1	5.67	31.7	5.51	30.6	5.35	28.4	5.19
	9.0	7.9	32.6	5.80	32.6	5.61	32.5	5.45	31.7	5.29	30.6	5.13	28.4	4.98
11.0	9.8	32.6	5.60	32.6	5.42	32.5	5.27	31.7	5.11	30.6	4.96	28.4	4.81	
13.0	11.8	32.6	5.40	32.6	5.22	32.5	5.07	31.7	4.92	30.6	4.78	28.4	4.63	
15.0	13.7	32.6	5.18	32.6	5.01	32.5	4.87	31.7	4.73	30.6	4.59	28.4	4.45	
120	-24.8	-25	15.5	7.50	15.5	7.54	15.4	7.61	15.4	7.67	15.4	7.77	15.1	7.84
	-21.8	-22	18.9	7.60	18.9	7.64	18.8	7.71	18.8	7.77	18.8	7.87	18.4	7.94
	-19.8	-20	19.9	7.66	19.9	7.71	19.8	7.77	19.8	7.84	19.8	7.93	19.4	8.00
	-18.8	-19	20.4	7.70	20.4	7.74	20.3	7.81	20.3	7.87	20.3	7.97	19.9	8.04
	-16.7	-17	21.4	7.77	21.4	7.81	21.2	7.88	21.2	7.94	21.2	8.04	20.8	7.81
	-13.7	-15	22.8	7.87	22.8	7.91	22.6	7.97	22.6	8.04	22.6	7.69	22.2	7.47
	-11.8	-13	23.5	7.93	23.5	7.97	23.4	8.04	23.4	7.79	23.4	7.47	23.1	7.26
	-9.8	-11	24.3	7.99	24.3	8.04	24.2	7.76	24.2	7.53	24.2	7.23	24.0	7.04
	-9.5	-10	24.4	8.00	24.4	7.99	24.3	7.72	24.3	7.49	24.3	7.20	24.1	7.01
	-8.5	-9.1	24.9	8.04	24.9	7.84	24.8	7.58	24.8	7.36	24.8	7.08	24.6	6.90
	-7.0	-7.6	25.6	7.81	25.6	7.62	25.4	7.37	25.4	7.16	25.4	6.91	25.2	6.73
	-5.0	-5.6	26.5	7.51	26.5	7.32	26.4	7.10	26.4	6.90	26.4	6.68	26.2	6.51
	-3.0	-3.7	27.5	7.21	27.5	7.03	27.3	6.82	27.3	6.64	27.3	6.44	26.7	6.29
	0.0	-0.7	28.8	6.75	28.8	6.58	28.7	6.40	28.7	6.24	28.7	6.09	26.7	5.96
	3.0	2.2	30.2	6.30	30.2	6.14	30.0	5.99	29.7	5.85	28.8	5.74	26.7	5.63
	5.0	4.1	31.1	6.00	31.1	5.84	30.7	5.71	29.7	5.59	28.8	5.51	26.7	5.40
	7.0	6.0	32.1	5.70	32.0	5.54	30.7	5.43	29.7	5.33	28.8	5.28	26.7	5.18
	9.0	7.9	32.3	5.46	32.0	5.31	30.7	5.21	29.7	5.11	28.8	5.06	26.7	4.97
11.0	9.8	32.3	5.27	32.0	5.12	30.7	5.02	29.7	4.93	28.8	4.88	26.7	4.79	
13.0	11.8	32.3	5.06	32.0	4.93	30.7	4.83	29.7	4.74	28.8	4.69	26.7	4.61	
15.0	13.7	32.3	4.85	32.0	4.72	30.7	4.63	29.7	4.54	28.8	4.49	26.7	4.41	
110	-24.8	-25	15.4	7.54	15.4	7.61	15.3	7.67	15.3	7.77	15.3	7.84	15.0	7.87
	-21.8	-22	18.8	7.64	18.8	7.71	18.7	7.77	18.7	7.87	18.7	7.94	18.3	7.97
	-19.8	-20	19.8	7.71	19.8	7.77	19.7	7.84	19.7	7.93	19.7	8.00	19.3	8.04
	-18.8	-19	20.3	7.74	20.3	7.81	20.2	7.87	20.2	7.97	20.2	8.04	19.7	7.92
	-16.7	-17	21.3	7.81	21.3	7.88	21.1	7.94	21.1	8.04	21.1	7.79	20.7	7.67
	-13.7	-15	22.7	7.91	22.7	7.97	22.5	8.04	22.5	7.66	22.5	7.44	22.5	7.31
	-11.8	-13	23.4	7.97	23.4	8.04	23.3	7.77	23.3	7.42	23.3	7.21	23.3	7.08
	-9.8	-11	24.2	8.04	24.2	7.73	24.0	7.49	24.0	7.17	24.0	6.98	24.0	6.85
	-9.5	-10	24.3	7.99	24.3	7.69	24.2	7.45	24.2	7.13	24.2	6.94	24.0	6.81
	-8.5	-9.1	24.8	7.82	24.8	7.54	24.6	7.31	24.6	7.01	24.6	6.82	24.0	6.69
	-7.0	-7.6	25.5	7.58	25.5	7.31	25.3	7.10	25.3	6.82	25.3	6.65	24.0	6.51
	-5.0	-5.6	26.4	7.25	26.4	7.01	26.2	6.81	26.2	6.57	25.8	6.41	24.0	6.27
	-3.0	-3.7	27.3	6.91	27.3	6.70	27.1	6.53	26.7	6.32	25.8	6.18	24.0	6.04
	0.0	-0.7	28.7	6.42	28.7	6.25	27.6	6.11	26.7	5.94	25.8	5.82	24.0	5.68
	3.0	2.2	30.1	5.92	29.4	5.79	27.6	5.69	26.7	5.57	25.8	5.47	24.0	5.32
	5.0	4.1	31.0	5.59	29.4	5.49	27.6	5.41	26.7	5.32	25.8	5.23	24.0	5.08
	7.0	6.0	31.1	5.26	29.4	5.18	27.6	5.13	26.7	5.06	25.8	5.00	24.0	4.84
	9.0	7.9	31.1	5.02	29.4	4.95	27.6	4.89	26.7	4.83	25.8	4.77	24.0	4.62
11.0	9.8	31.1	4.83	29.4	4.75	27.6	4.70	26.7	4.64	25.8	4.58	24.0	4.44	
13.0	11.8	31.1	4.62	29.4	4.55	27.6	4.50	26.7	4.44	25.8	4.39	24.0	4.25	
15.0	13.7	31.1	4.40	29.4	4.33	27.6	4.28	26.7	4.23	25.8	4.18	24.0	4.05	

7. Capacity Tables

Heating Capacity (8HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	15.4	8.35	15.4	8.31	15.3	7.72	15.3	8.21	15.3	8.16	15.0	8.14
	-21.8	-22	18.7	8.29	18.7	8.25	18.6	7.96	18.6	8.14	18.6	8.21	18.2	8.08
	-19.8	-20	19.7	8.25	19.7	8.21	19.6	8.11	19.6	8.10	19.6	8.10	19.2	8.04
	-18.8	-19	20.2	8.23	20.1	8.18	20.1	8.14	20.1	8.08	20.1	8.04	19.7	7.90
	-16.7	-17	21.0	8.18	21.0	8.14	21.0	8.21	20.9	8.04	20.9	7.74	20.5	7.60
	-13.7	-15	22.6	8.12	22.6	8.08	22.4	8.04	22.4	7.61	22.4	7.33	22.0	7.18
	-11.8	-13	23.3	8.08	23.2	8.04	23.2	7.74	23.2	7.34	23.2	7.06	22.0	6.91
	-9.8	-11	24.0	8.04	24.0	7.71	23.9	7.44	23.9	7.05	23.6	6.78	22.0	6.63
	-9.5	-10	24.2	7.98	24.2	7.66	24.1	7.39	24.1	7.01	23.6	6.74	22.0	6.59
	-8.5	-9.1	24.6	7.81	24.6	7.49	24.5	7.24	24.4	6.86	23.6	6.60	22.0	6.45
	-7.0	-7.6	25.8	7.55	25.6	7.25	25.2	7.01	24.4	6.65	23.6	6.39	22.0	6.24
	-5.0	-5.6	26.9	7.20	26.6	6.92	25.2	6.70	24.4	6.36	23.6	6.11	22.0	5.96
	-3.0	-3.7	27.7	6.85	26.8	6.59	25.2	6.39	24.4	6.07	23.6	5.83	22.0	5.68
	0.0	-0.7	28.4	6.32	26.8	6.09	25.2	5.93	24.4	5.64	23.6	5.42	22.0	5.25
	3.0	2.2	28.4	5.80	26.8	5.60	25.2	5.47	24.4	5.21	23.6	5.00	22.0	4.83
	5.0	4.1	28.4	5.45	26.8	5.27	25.2	5.16	24.4	4.93	23.6	4.72	22.0	4.55
	7.0	6.0	28.4	5.10	26.8	4.94	25.2	4.85	24.4	4.64	23.6	4.44	22.0	4.27
	9.0	7.9	28.4	4.83	26.8	4.68	25.2	4.60	24.4	4.40	23.6	4.21	22.0	4.05
	11.0	9.8	28.4	4.61	26.8	4.46	25.2	4.38	24.4	4.19	23.6	4.01	22.0	3.86
	13.0	11.8	28.4	4.37	26.8	4.23	25.2	4.16	24.4	3.98	23.6	3.80	22.0	3.66
15.0	13.7	28.4	4.12	26.8	3.99	25.2	3.92	24.4	3.75	23.6	3.59	22.0	3.45	
90	-24.8	-25	15.3	7.42	15.3	7.52	15.2	7.59	15.2	7.62	15.2	7.69	14.9	7.79
	-21.8	-22	18.6	7.52	18.6	7.62	18.5	7.69	18.5	7.72	18.5	7.79	18.1	7.42
	-19.8	-20	19.7	7.59	19.7	7.69	19.5	7.75	19.5	7.79	19.5	7.53	19.1	7.17
	-18.8	-19	20.2	7.62	20.1	7.72	20.0	7.79	20.0	7.66	20.0	7.41	19.6	7.05
	-16.7	-17	21.0	7.69	21.0	7.79	21.0	7.51	21.0	7.38	21.0	7.14	20.1	6.79
	-13.7	-15	22.6	7.79	22.6	7.37	22.3	7.12	22.3	6.98	21.6	6.76	20.1	6.42
	-11.8	-13	23.3	7.50	23.2	7.11	23.1	6.87	22.3	6.73	21.6	6.51	20.1	6.19
	-9.8	-11	24.0	7.20	24.0	6.83	23.1	6.60	22.3	6.46	21.6	6.26	20.1	5.95
	-9.5	-10	24.2	7.15	24.2	6.79	23.1	6.56	22.3	6.43	21.6	6.22	20.1	5.91
	-8.5	-9.1	24.6	7.00	24.5	6.65	23.1	6.43	22.3	6.29	21.6	6.09	20.1	5.79
	-7.0	-7.6	25.8	6.77	24.5	6.45	23.1	6.23	22.3	6.09	21.6	5.90	20.1	5.60
	-5.0	-5.6	26.0	6.47	24.5	6.17	23.1	5.97	22.3	5.83	21.6	5.65	20.1	5.36
	-3.0	-3.7	26.0	6.17	24.5	5.90	23.1	5.71	22.3	5.57	21.6	5.39	20.1	5.11
	0.0	-0.7	26.0	5.72	24.5	5.48	23.1	5.31	22.3	5.17	21.6	5.01	20.1	4.74
	3.0	2.2	26.0	5.26	24.5	5.07	23.1	4.92	22.3	4.77	21.6	4.63	20.1	4.37
	5.0	4.1	26.0	4.96	24.5	4.79	23.1	4.66	22.3	4.51	21.6	4.37	20.1	4.13
	7.0	6.0	26.0	4.66	24.5	4.51	23.1	4.39	22.3	4.24	21.6	4.12	20.1	3.88
	9.0	7.9	26.0	4.38	24.5	4.24	23.1	4.13	22.3	3.99	21.6	3.87	20.1	3.65
	11.0	9.8	26.0	4.10	24.5	3.97	23.1	3.87	22.3	3.73	21.6	3.62	20.1	3.42
	13.0	11.8	26.0	3.82	24.5	3.70	23.1	3.60	22.3	3.48	21.6	3.38	20.1	3.18
15.0	13.7	26.0	3.54	24.5	3.43	23.1	3.34	22.3	3.23	21.6	3.13	20.1	2.95	
80	-24.8	-25	15.2	6.54	15.2	6.64	15.1	6.71	15.1	6.74	15.1	6.91	14.8	6.58
	-21.8	-22	18.4	6.64	18.4	6.74	18.4	6.81	18.4	6.91	18.4	6.58	17.9	6.27
	-19.8	-20	19.4	6.70	19.4	6.80	19.4	6.91	19.4	6.67	19.3	6.36	17.9	6.07
	-18.8	-19	19.9	6.74	19.9	6.91	19.9	6.79	19.9	6.56	19.3	6.26	17.9	5.96
	-16.7	-17	20.6	6.91	20.6	6.66	20.6	6.54	20.0	6.32	19.3	6.03	17.9	5.75
	-13.7	-15	21.6	6.53	21.1	6.30	20.6	6.18	20.0	5.97	19.3	5.70	17.9	5.44
	-11.8	-13	22.1	6.30	21.5	6.08	20.6	5.96	20.0	5.75	19.3	5.50	17.9	5.24
	-9.8	-11	22.7	6.05	21.8	5.84	20.6	5.72	20.0	5.52	19.3	5.28	17.9	5.04
	-9.5	-10	22.8	6.01	21.9	5.80	20.6	5.69	20.0	5.49	19.3	5.25	17.9	5.01
	-8.5	-9.1	23.1	5.89	22.0	5.69	20.6	5.57	20.0	5.37	19.3	5.14	17.9	4.90
	-7.0	-7.6	23.3	5.70	22.0	5.51	20.6	5.39	20.0	5.20	19.3	4.98	17.9	4.75
	-5.0	-5.6	23.3	5.45	22.0	5.27	20.6	5.16	20.0	4.97	19.3	4.76	17.9	4.54
	-3.0	-3.7	23.3	5.21	22.0	5.04	20.6	4.92	20.0	4.74	19.3	4.55	17.9	4.34
	0.0	-0.7	23.3	4.83	22.0	4.68	20.6	4.57	20.0	4.39	19.3	4.22	17.9	4.03
	3.0	2.2	23.3	4.46	22.0	4.32	20.6	4.21	20.0	4.04	19.3	3.90	17.9	3.72
	5.0	4.1	23.3	4.21	22.0	4.09	20.6	3.97	20.0	3.81	19.3	3.68	17.9	3.51
	7.0	6.0	23.3	3.97	22.0	3.85	20.6	3.74	20.0	3.58	19.3	3.46	17.9	3.31
	9.0	7.9	23.3	3.72	22.0	3.62	20.6	3.51	20.0	3.36	19.3	3.25	17.9	3.11
	11.0	9.8	23.3	3.46	22.0	3.36	20.6	3.26	20.0	3.12	19.3	3.02	17.9	2.88
	13.0	11.8	23.3	3.23	22.0	3.13	20.6	3.04	20.0	2.91	19.3	2.82	17.9	2.69
15.0	13.7	23.3	3.04	22.0	2.95	20.6	2.86	20.0	2.74	19.3	2.65	17.9	2.53	

7. Capacity Tables

Heating Capacity (8HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB													
			16		18		20		21		22		24			
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
70	-24.8	-25	15.2	6.55	15.2	6.58	15.1	6.64	15.1	6.74	15.1	6.40	15.1	6.40	14.8	6.07
	-21.8	-22	17.7	6.64	17.7	6.68	17.6	6.74	17.0	6.40	16.5	6.07	15.4	5.76		
	-19.8	-20	19.3	6.71	18.7	6.74	17.6	6.50	17.0	6.16	16.5	5.86	15.4	5.56		
	-18.8	-19	19.8	6.74	18.7	6.62	17.6	6.38	17.0	6.05	16.5	5.75	15.4	5.45		
	-16.7	-17	19.8	6.48	18.7	6.35	17.6	6.12	17.0	5.81	16.5	5.52	15.4	5.24		
	-13.7	-15	19.8	6.09	18.7	5.96	17.6	5.75	17.0	5.46	16.5	5.20	15.4	4.93		
	-11.8	-13	19.8	5.85	18.7	5.72	17.6	5.51	17.0	5.24	16.5	4.99	15.4	4.73		
	-9.8	-11	19.8	5.60	18.7	5.46	17.6	5.27	17.0	5.01	16.5	4.78	15.4	4.52		
	-9.5	-10	19.8	5.56	18.7	5.43	17.6	5.23	17.0	4.97	16.5	4.75	15.4	4.49		
	-8.5	-9.1	19.8	5.43	18.7	5.30	17.6	5.11	17.0	4.86	16.5	4.64	15.4	4.39		
	-7.0	-7.6	19.8	5.24	18.7	5.11	17.6	4.92	17.0	4.68	16.5	4.48	15.4	4.23		
	-5.0	-5.6	19.8	4.98	18.7	4.85	17.6	4.68	17.0	4.45	16.5	4.26	15.4	4.03		
	-3.0	-3.7	19.8	4.73	18.7	4.59	17.6	4.43	17.0	4.22	16.5	4.05	15.4	3.82		
	0.0	-0.7	19.8	4.35	18.7	4.21	17.6	4.06	17.0	3.87	16.5	3.72	15.4	3.51		
	3.0	2.2	19.8	3.96	18.7	3.83	17.6	3.70	17.0	3.52	16.5	3.40	15.4	3.20		
	5.0	4.1	19.8	3.71	18.7	3.57	17.6	3.45	17.0	3.29	16.5	3.18	15.4	3.00		
	7.0	6.0	19.8	3.45	18.7	3.32	17.6	3.20	17.0	3.06	16.5	2.97	15.4	2.79		
	9.0	7.9	19.8	3.12	18.7	2.99	17.6	2.89	17.0	2.76	16.5	2.68	15.4	2.52		
	11.0	9.8	19.8	2.90	18.7	2.79	17.6	2.69	17.0	2.57	16.5	2.49	15.4	2.35		
13.0	11.8	19.8	2.72	18.7	2.61	17.6	2.52	17.0	2.41	16.5	2.33	15.4	2.19			
15.0	13.7	19.8	2.56	18.7	2.46	17.6	2.38	17.0	2.27	16.5	2.20	15.4	2.07			
60	-24.8	-25	15.1	6.48	15.1	6.55	15.1	6.64	14.5	6.28	14.0	5.93	13.1	5.61		
	-21.8	-22	16.2	6.58	16.1	6.64	15.1	6.28	14.5	5.93	14.0	5.61	13.1	5.30		
	-19.8	-20	17.0	6.64	16.1	6.38	15.1	6.03	14.5	5.70	14.0	5.40	13.1	5.10		
	-18.8	-19	17.0	6.51	16.1	6.25	15.1	5.91	14.5	5.59	14.0	5.29	13.1	4.99		
	-16.7	-17	17.0	6.23	16.1	5.98	15.1	5.65	14.5	5.35	14.0	5.06	13.1	4.78		
	-13.7	-15	17.0	5.83	16.1	5.58	15.1	5.28	14.5	5.00	14.0	4.74	13.1	4.47		
	-11.8	-13	17.0	5.58	16.1	5.33	15.1	5.05	14.5	4.79	14.0	4.54	13.1	4.28		
	-9.8	-11	17.0	5.31	16.1	5.07	15.1	4.80	14.5	4.56	14.0	4.32	13.1	4.07		
	-9.5	-10	17.0	5.27	16.1	5.03	15.1	4.76	14.5	4.52	14.0	4.29	13.1	4.04		
	-8.5	-9.1	17.0	5.13	16.1	4.90	15.1	4.64	14.5	4.41	14.0	4.18	13.1	3.94		
	-7.0	-7.6	17.0	4.93	16.1	4.70	15.1	4.46	14.5	4.23	14.0	4.02	13.1	3.78		
	-5.0	-5.6	17.0	4.67	16.1	4.44	15.1	4.21	14.5	4.01	14.0	3.81	13.1	3.58		
	-3.0	-3.7	17.0	4.40	16.1	4.18	15.1	3.97	14.5	3.78	14.0	3.59	13.1	3.37		
	0.0	-0.7	17.0	4.00	16.1	3.79	15.1	3.60	14.5	3.43	14.0	3.27	13.1	3.06		
	3.0	2.2	17.0	3.60	16.1	3.39	15.1	3.23	14.5	3.09	14.0	2.95	13.1	2.76		
	5.0	4.1	17.0	3.33	16.1	3.13	15.1	2.98	14.5	2.86	14.0	2.74	13.1	2.55		
	7.0	6.0	17.0	3.06	16.1	2.87	15.1	2.74	14.5	2.63	14.0	2.52	13.1	2.35		
	9.0	7.9	17.0	2.73	16.1	2.56	15.1	2.44	14.5	2.35	14.0	2.25	13.1	2.09		
	11.0	9.8	17.0	2.55	16.1	2.39	15.1	2.28	14.5	2.19	14.0	2.10	13.1	1.95		
13.0	11.8	17.0	2.39	16.1	2.24	15.1	2.14	14.5	2.05	14.0	1.97	13.1	1.83			
15.0	13.7	17.0	2.26	16.1	2.12	15.1	2.02	14.5	1.94	14.0	1.86	13.1	1.73			
50	-24.8	-25	14.1	5.63	13.3	5.73	12.5	5.41	12.1	5.11	11.7	4.83	10.9	4.57		
	-21.8	-22	14.1	5.73	13.3	5.41	12.5	5.11	12.1	4.83	11.7	4.57	10.9	4.32		
	-19.8	-20	14.1	5.51	13.3	5.20	12.5	4.91	12.1	4.64	11.7	4.39	10.9	4.15		
	-18.8	-19	14.1	5.39	13.3	5.09	12.5	4.81	12.1	4.55	11.7	4.30	10.9	4.07		
	-16.7	-17	14.1	5.16	13.3	4.86	12.5	4.60	12.1	4.35	11.7	4.12	10.9	3.89		
	-13.7	-15	14.1	4.82	13.3	4.54	12.5	4.30	12.1	4.07	11.7	3.86	10.9	3.64		
	-11.8	-13	14.1	4.60	13.3	4.34	12.5	4.11	12.1	3.89	11.7	3.69	10.9	3.48		
	-9.8	-11	14.1	4.37	13.3	4.12	12.5	3.91	12.1	3.70	11.7	3.52	10.9	3.32		
	-9.5	-10	14.1	4.34	13.3	4.09	12.5	3.88	12.1	3.67	11.7	3.49	10.9	3.29		
	-8.5	-9.1	14.1	4.23	13.3	3.98	12.5	3.78	12.1	3.58	11.7	3.40	10.9	3.21		
	-7.0	-7.6	14.1	4.06	13.3	3.82	12.5	3.63	12.1	3.43	11.7	3.27	10.9	3.08		
	-5.0	-5.6	14.1	3.83	13.3	3.60	12.5	3.43	12.1	3.25	11.7	3.10	10.9	2.91		
	-3.0	-3.7	14.1	3.60	13.3	3.39	12.5	3.23	12.1	3.06	11.7	2.92	10.9	2.75		
	0.0	-0.7	14.1	3.26	13.3	3.07	12.5	2.93	12.1	2.78	11.7	2.66	10.9	2.50		
	3.0	2.2	14.1	2.92	13.3	2.74	12.5	2.63	12.1	2.49	11.7	2.40	10.9	2.25		
	5.0	4.1	14.1	2.70	13.3	2.53	12.5	2.43	12.1	2.31	11.7	2.23	10.9	2.08		
	7.0	6.0	14.1	2.47	13.3	2.31	12.5	2.23	12.1	2.12	11.7	2.05	10.9	1.91		
	9.0	7.9	14.1	2.23	13.3	2.09	12.5	2.01	12.1	1.91	11.7	1.85	10.9	1.73		
	11.0	9.8	14.1	2.09	13.3	1.96	12.5	1.88	12.1	1.79	11.7	1.73	10.9	1.62		
13.0	11.8	14.1	1.96	13.3	1.84	12.5	1.77	12.1	1.68	11.7	1.63	10.9	1.52			
15.0	13.7	14.1	1.86	13.3	1.74	12.5	1.67	12.1	1.59	11.7	1.54	10.9	1.44			

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM100BTE5

Heating Capacity (10HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	20.4	9.36	20.4	9.46	20.2	9.54	20.2	9.67	20.2	9.79	19.7	9.98
	-21.8	-22	24.7	9.55	24.7	9.65	24.6	9.73	24.6	9.86	24.6	9.98	24.0	10.17
	-19.8	-20	26.1	9.68	26.1	9.77	25.9	9.86	25.9	9.98	25.9	10.10	25.3	10.29
	-18.8	-19	26.6	9.74	26.6	9.84	26.4	9.92	26.4	10.05	26.4	10.17	25.7	10.36
	-16.7	-17	27.5	9.88	27.5	9.97	27.3	10.05	27.3	10.18	27.3	10.30	26.6	10.49
	-13.7	-15	28.8	10.06	28.8	10.16	28.7	10.24	28.7	10.37	28.7	10.49	27.9	9.94
	-11.8	-13	29.7	10.18	29.7	10.28	29.5	10.36	29.5	10.49	29.5	10.11	28.8	9.59
	-9.8	-11	30.5	10.31	30.5	10.41	30.3	10.49	30.3	10.07	30.3	9.70	29.6	9.22
	-9.5	-10	30.7	10.33	30.7	10.43	30.5	10.42	30.5	10.00	30.5	9.64	29.8	9.16
	-8.5	-9.1	31.3	10.39	31.3	10.49	31.1	10.20	31.1	9.79	30.9	9.44	30.2	8.98
	-7.0	-7.6	32.2	10.49	32.2	10.14	32.0	9.86	32.0	9.47	32.0	9.14	30.8	8.70
	-5.0	-5.6	33.4	10.01	33.4	9.68	33.2	9.41	33.2	9.05	33.2	8.73	31.7	8.33
	-3.0	-3.7	34.7	9.53	34.7	9.22	34.4	8.96	34.4	8.63	34.4	8.33	32.6	7.97
	0.0	-0.7	36.5	8.81	36.5	8.52	36.3	8.28	36.3	7.99	36.3	7.73	33.9	7.41
	3.0	2.2	38.3	8.09	38.3	7.83	38.1	7.61	38.1	7.36	38.1	7.12	35.2	6.86
	5.0	4.1	39.5	7.61	39.5	7.37	39.3	7.15	39.3	6.93	38.2	6.72	35.6	6.49
	7.0	6.0	40.7	7.13	40.7	6.90	40.5	6.70	39.6	6.51	38.2	6.32	35.6	6.13
	9.0	7.9	40.7	6.72	40.7	6.51	40.6	6.32	39.6	6.13	38.2	5.95	35.6	5.77
11.0	9.8	40.7	6.36	40.7	6.16	40.6	5.98	39.6	5.80	38.2	5.63	35.6	5.46	
13.0	11.8	40.7	5.98	40.7	5.79	40.6	5.62	39.6	5.46	38.2	5.29	35.6	5.14	
15.0	13.7	40.7	5.58	40.7	5.40	40.6	5.25	39.6	5.09	38.2	4.94	35.6	4.79	
120	-24.8	-25	20.2	9.46	20.2	9.54	20.1	9.67	20.1	9.79	20.1	9.98	19.6	10.11
	-21.8	-22	24.6	9.65	24.6	9.73	24.4	9.86	24.4	9.98	24.4	10.17	23.8	10.30
	-19.8	-20	25.9	9.77	25.9	9.86	25.8	9.98	25.8	10.10	25.8	10.29	25.1	10.43
	-18.8	-19	26.4	9.84	26.4	9.92	26.2	10.05	26.2	10.17	26.2	10.36	25.5	10.49
	-16.7	-17	27.3	9.97	27.3	10.05	27.1	10.18	27.1	10.30	27.1	10.49	26.4	10.13
	-13.7	-15	28.6	10.16	28.6	10.24	28.5	10.37	28.5	10.49	28.5	9.95	27.7	9.63
	-11.8	-13	29.5	10.28	29.5	10.36	29.3	10.49	29.3	10.10	29.3	9.61	28.6	9.30
	-9.8	-11	30.3	10.41	30.3	10.49	30.1	10.06	30.1	9.70	30.1	9.25	29.4	8.97
	-9.5	-10	30.5	10.43	30.5	10.42	30.3	9.99	30.3	9.64	30.3	9.20	29.5	8.92
	-8.5	-9.1	31.1	10.49	31.1	10.18	30.9	9.77	30.9	9.44	30.8	9.02	30.0	8.75
	-7.0	-7.6	32.0	10.12	32.0	9.83	31.8	9.45	31.8	9.13	31.4	8.75	30.6	8.49
	-5.0	-5.6	33.2	9.64	33.2	9.36	33.0	9.02	33.0	8.73	33.0	8.39	31.5	8.15
	-3.0	-3.7	34.4	9.15	34.4	8.89	34.2	8.58	34.2	8.32	34.2	8.03	32.3	7.82
	0.0	-0.7	36.2	8.43	36.2	8.19	36.0	7.93	36.0	7.71	35.8	7.49	33.4	7.31
	3.0	2.2	38.0	7.70	38.0	7.49	37.8	7.28	37.1	7.11	35.8	6.95	33.4	6.80
	5.0	4.1	39.3	7.21	39.3	7.02	38.4	6.85	37.1	6.70	36.0	6.59	33.4	6.46
	7.0	6.0	40.4	6.73	40.0	6.55	38.4	6.42	37.1	6.29	36.0	6.24	33.4	6.12
	9.0	7.9	40.4	6.34	40.0	6.17	38.4	6.04	37.1	5.93	36.0	5.87	33.4	5.77
11.0	9.8	40.4	6.00	40.0	5.83	38.4	5.72	37.1	5.61	36.0	5.56	33.4	5.46	
13.0	11.8	40.4	5.63	40.0	5.48	38.4	5.37	37.1	5.27	36.0	5.22	33.4	5.13	
15.0	13.7	40.4	5.26	40.0	5.11	38.4	5.01	37.1	4.92	36.0	4.87	33.4	4.78	
110	-24.8	-25	20.1	9.54	20.1	9.67	20.0	9.79	20.0	9.98	20.0	10.11	19.5	10.17
	-21.8	-22	24.4	9.73	24.4	9.86	24.3	9.98	24.3	10.17	24.3	10.30	23.7	10.36
	-19.8	-20	25.8	9.86	25.8	9.98	25.6	10.10	25.6	10.29	25.6	10.43	25.0	10.49
	-18.8	-19	26.2	9.92	26.2	10.05	26.1	10.17	26.1	10.36	26.1	10.49	25.4	10.31
	-16.7	-17	27.2	10.05	27.2	10.18	27.0	10.30	27.0	10.49	27.0	10.12	26.3	9.94
	-13.7	-15	28.5	10.24	28.5	10.37	28.3	10.49	28.3	9.92	28.3	9.58	28.3	9.40
	-11.8	-13	29.3	10.36	29.3	10.49	29.1	10.08	29.1	9.56	29.1	9.25	29.1	9.07
	-9.8	-11	30.1	10.49	30.1	10.02	30.0	9.65	30.0	9.18	30.0	8.89	29.4	8.71
	-9.5	-10	30.3	10.41	30.3	9.95	30.1	9.59	30.1	9.12	30.1	8.84	29.8	8.66
	-8.5	-9.1	30.9	10.16	30.9	9.72	30.7	9.38	30.7	8.93	30.7	8.66	30.1	8.48
	-7.0	-7.6	31.8	9.78	31.8	9.37	31.6	9.05	31.6	8.64	31.6	8.39	30.1	8.21
	-5.0	-5.6	33.0	9.27	33.0	8.91	32.8	8.63	32.8	8.26	32.2	8.04	30.1	7.86
	-3.0	-3.7	34.2	8.76	34.2	8.45	34.0	8.20	33.3	7.88	32.2	7.68	30.1	7.50
	0.0	-0.7	36.0	8.00	36.0	7.75	34.4	7.56	33.3	7.31	32.2	7.15	30.1	6.97
	3.0	2.2	37.8	7.24	36.7	7.05	34.4	6.91	33.3	6.74	32.2	6.62	30.1	6.43
	5.0	4.1	38.8	6.73	36.7	6.59	34.4	6.48	33.3	6.36	32.2	6.26	30.1	6.08
	7.0	6.0	38.8	6.22	36.7	6.13	34.4	6.06	33.3	5.98	32.2	5.91	30.1	5.72
	9.0	7.9	38.8	5.84	36.7	5.75	34.4	5.68	33.3	5.62	32.2	5.54	30.1	5.37
11.0	9.8	38.8	5.50	36.7	5.42	34.4	5.36	33.3	5.29	32.2	5.22	30.1	5.06	
13.0	11.8	38.8	5.14	36.7	5.07	34.4	5.01	33.3	4.95	32.2	4.89	30.1	4.74	
15.0	13.7	38.8	4.77	36.7	4.70	34.4	4.65	33.3	4.59	32.2	4.53	30.1	4.39	

7. Capacity Tables

Heating Capacity (10HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	20.0	9.94	20.0	10.01	19.9	9.73	19.9	10.19	19.9	10.27	19.4	10.30
	-21.8	-22	24.3	10.05	24.3	10.12	24.2	10.04	24.2	10.30	24.2	10.43	23.6	10.42
	-19.8	-20	25.7	10.12	25.7	10.19	25.5	10.24	25.5	10.37	25.5	10.47	24.9	10.49
	-18.8	-19	26.1	10.16	25.9	10.23	25.9	10.30	25.9	10.41	25.9	10.49	25.3	10.29
	-16.7	-17	26.9	10.24	26.9	10.31	26.9	10.43	26.7	10.49	26.7	10.06	26.0	9.86
	-13.7	-15	28.3	10.35	28.3	10.42	28.2	10.49	28.2	9.85	28.2	9.45	27.5	9.25
	-11.8	-13	29.1	10.42	29.0	10.49	29.0	10.05	29.0	9.45	29.0	9.07	27.5	8.86
	-9.8	-11	30.0	10.49	30.0	9.99	29.8	9.59	29.8	9.03	29.5	8.66	27.5	8.46
	-9.5	-10	30.2	10.41	30.2	9.92	30.0	9.52	30.0	8.97	29.5	8.60	27.5	8.40
	-8.5	-9.1	30.8	10.14	30.8	9.67	30.6	9.29	30.5	8.76	29.5	8.40	27.5	8.19
	-7.0	-7.6	32.2	9.74	32.0	9.30	31.5	8.95	30.5	8.44	29.5	8.09	27.5	7.89
	-5.0	-5.6	33.6	9.21	33.3	8.80	31.5	8.49	30.5	8.02	29.5	7.68	27.5	7.48
	-3.0	-3.7	34.6	8.68	33.5	8.31	31.5	8.03	30.5	7.59	29.5	7.28	27.5	7.08
	0.0	-0.7	35.5	7.88	33.5	7.57	31.5	7.34	30.5	6.96	29.5	6.67	27.5	6.47
	3.0	2.2	35.5	7.08	33.5	6.82	31.5	6.65	30.5	6.33	29.5	6.06	27.5	5.86
	5.0	4.1	35.5	6.55	33.5	6.33	31.5	6.19	30.5	5.90	29.5	5.65	27.5	5.45
	7.0	6.0	35.5	6.02	33.5	5.83	31.5	5.73	30.5	5.48	29.5	5.24	27.5	5.04
	9.0	7.9	35.5	5.51	33.5	5.33	31.5	5.24	30.5	5.01	29.5	4.80	27.5	4.61
11.0	9.8	35.5	5.03	33.5	4.87	31.5	4.79	30.5	4.58	29.5	4.38	27.5	4.21	
13.0	11.8	35.5	4.53	33.5	4.39	31.5	4.31	30.5	4.12	29.5	3.94	27.5	3.79	
15.0	13.7	35.5	4.00	33.5	3.88	31.5	3.81	30.5	3.65	29.5	3.49	27.5	3.35	
90	-24.8	-25	19.9	9.19	19.9	9.38	19.8	9.51	19.8	9.58	19.8	9.70	19.3	9.89
	-21.8	-22	24.2	9.38	24.2	9.57	24.1	9.70	24.1	9.77	24.1	9.89	23.5	9.39
	-19.8	-20	25.6	9.51	25.6	9.70	25.4	9.83	25.4	9.89	25.4	9.54	24.8	9.06
	-18.8	-19	26.1	9.57	25.9	9.76	25.8	9.89	25.8	9.71	25.8	9.37	25.1	8.89
	-16.7	-17	26.9	9.70	26.9	9.89	26.8	9.51	26.8	9.33	26.8	9.00	25.1	8.54
	-13.7	-15	28.3	9.89	28.3	9.32	28.1	8.96	27.9	8.78	27.0	8.48	25.1	8.04
	-11.8	-13	29.1	9.49	29.0	8.95	28.8	8.62	27.9	8.44	27.0	8.15	25.1	7.72
	-9.8	-11	30.0	9.07	30.0	8.56	28.8	8.25	27.9	8.07	27.0	7.80	25.1	7.39
	-9.5	-10	30.2	9.00	30.2	8.51	28.8	8.20	27.9	8.02	27.0	7.74	25.1	7.34
	-8.5	-9.1	30.8	8.79	30.5	8.31	28.8	8.01	27.9	7.83	27.0	7.57	25.1	7.17
	-7.0	-7.6	32.2	8.47	30.6	8.03	28.8	7.74	27.9	7.56	27.0	7.31	25.1	6.92
	-5.0	-5.6	32.5	8.05	30.6	7.64	28.8	7.38	27.9	7.20	27.0	6.96	25.1	6.59
	-3.0	-3.7	32.5	7.62	30.6	7.26	28.8	7.01	27.9	6.83	27.0	6.61	25.1	6.25
	0.0	-0.7	32.5	6.99	30.6	6.68	28.8	6.47	27.9	6.29	27.0	6.09	25.1	5.75
	3.0	2.2	32.5	6.35	30.6	6.10	28.8	5.92	27.9	5.74	27.0	5.56	25.1	5.25
	5.0	4.1	32.5	5.93	30.6	5.72	28.8	5.55	27.9	5.38	27.0	5.21	25.1	4.92
	7.0	6.0	32.5	5.50	30.6	5.33	28.8	5.19	27.9	5.01	27.0	4.86	25.1	4.59
	9.0	7.9	32.5	5.12	30.6	4.96	28.8	4.82	27.9	4.66	27.0	4.52	25.1	4.26
11.0	9.8	32.5	4.73	30.6	4.58	28.8	4.46	27.9	4.31	27.0	4.18	25.1	3.94	
13.0	11.8	32.5	4.34	30.6	4.21	28.8	4.10	27.9	3.96	27.0	3.84	25.1	3.62	
15.0	13.7	32.5	3.96	30.6	3.83	28.8	3.73	27.9	3.60	27.0	3.50	25.1	3.30	
80	-24.8	-25	19.9	8.07	19.9	8.26	19.7	8.39	19.7	8.46	19.7	8.77	19.2	8.33
	-21.8	-22	24.0	8.26	24.0	8.45	24.0	8.58	24.0	8.77	24.0	8.33	22.4	7.91
	-19.8	-20	25.3	8.39	25.3	8.58	25.3	8.77	25.0	8.46	24.1	8.04	22.4	7.63
	-18.8	-19	25.7	8.45	25.7	8.77	25.7	8.61	25.0	8.30	24.1	7.89	22.4	7.50
	-16.7	-17	25.8	8.77	25.8	8.43	25.8	8.27	25.0	7.97	24.1	7.58	22.4	7.20
	-13.7	-15	27.0	8.25	26.4	7.94	25.8	7.78	25.0	7.49	24.1	7.14	22.4	6.79
	-11.8	-13	27.8	7.93	27.0	7.63	25.8	7.47	25.0	7.20	24.1	6.86	22.4	6.52
	-9.8	-11	28.5	7.58	27.3	7.30	25.8	7.15	25.0	6.88	24.1	6.56	22.4	6.24
	-9.5	-10	28.7	7.53	27.4	7.25	25.8	7.10	25.0	6.83	24.1	6.52	22.4	6.20
	-8.5	-9.1	28.9	7.36	27.5	7.09	25.8	6.93	25.0	6.68	24.1	6.37	22.4	6.06
	-7.0	-7.6	29.1	7.10	27.5	6.84	25.8	6.69	25.0	6.44	24.1	6.15	22.4	5.85
	-5.0	-5.6	29.1	6.75	27.5	6.51	25.8	6.37	25.0	6.12	24.1	5.86	22.4	5.58
	-3.0	-3.7	29.1	6.41	27.5	6.19	25.8	6.04	25.0	5.81	24.1	5.56	22.4	5.30
	0.0	-0.7	29.1	5.89	27.5	5.70	25.8	5.55	25.0	5.34	24.1	5.12	22.4	4.88
	3.0	2.2	29.1	5.38	27.5	5.20	25.8	5.07	25.0	4.86	24.1	4.68	22.4	4.46
	5.0	4.1	29.1	5.03	27.5	4.88	25.8	4.74	25.0	4.55	24.1	4.39	22.4	4.19
	7.0	6.0	29.1	4.69	27.5	4.55	25.8	4.42	25.0	4.23	24.1	4.09	22.4	3.91
	9.0	7.9	29.1	4.40	27.5	4.27	25.8	4.15	25.0	3.97	24.1	3.84	22.4	3.67
11.0	9.8	29.1	4.08	27.5	3.97	25.8	3.85	25.0	3.69	24.1	3.57	22.4	3.41	
13.0	11.8	29.1	3.81	27.5	3.70	25.8	3.59	25.0	3.44	24.1	3.33	22.4	3.18	
15.0	13.7	29.1	3.59	27.5	3.48	25.8	3.38	25.0	3.24	24.1	3.13	22.4	2.99	

7. Capacity Tables

Heating Capacity (10HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	19.9	8.19	19.9	8.25	19.7	8.38	19.7	8.57	19.7	8.10	19.2	7.67
	-21.8	-22	22.1	8.38	22.1	8.44	21.9	8.57	21.2	8.10	20.6	7.67	19.2	7.25
	-19.8	-20	23.6	8.50	23.3	8.57	21.9	8.23	21.2	7.79	20.6	7.38	19.2	6.98
	-18.8	-19	24.3	8.57	23.3	8.39	21.9	8.07	21.2	7.63	20.6	7.23	19.2	6.84
	-16.7	-17	24.7	8.20	23.3	8.03	21.9	7.72	21.2	7.30	20.6	6.93	19.2	6.55
	-13.7	-15	24.7	7.68	23.3	7.51	21.9	7.22	21.2	6.84	20.6	6.50	19.2	6.14
	-11.8	-13	24.7	7.35	23.3	7.18	21.9	6.91	21.2	6.54	20.6	6.22	19.2	5.88
	-9.8	-11	24.7	7.00	23.3	6.83	21.9	6.57	21.2	6.23	20.6	5.93	19.2	5.60
	-9.5	-10	24.7	6.95	23.3	6.78	21.9	6.52	21.2	6.18	20.6	5.89	19.2	5.56
	-8.5	-9.1	24.7	6.78	23.3	6.61	21.9	6.36	21.2	6.03	20.6	5.74	19.2	5.43
	-7.0	-7.6	24.7	6.51	23.3	6.35	21.9	6.11	21.2	5.79	20.6	5.53	19.2	5.22
	-5.0	-5.6	24.7	6.17	23.3	6.00	21.9	5.78	21.2	5.48	20.6	5.24	19.2	4.94
	-3.0	-3.7	24.7	5.82	23.3	5.65	21.9	5.45	21.2	5.17	20.6	4.95	19.2	4.67
	0.0	-0.7	24.7	5.30	23.3	5.13	21.9	4.95	21.2	4.70	20.6	4.52	19.2	4.26
	3.0	2.2	24.7	4.78	23.3	4.61	21.9	4.45	21.2	4.24	20.6	4.08	19.2	3.85
	5.0	4.1	24.7	4.43	23.3	4.26	21.9	4.12	21.2	3.93	20.6	3.79	19.2	3.57
	7.0	6.0	24.7	4.08	23.3	3.92	21.9	3.79	21.2	3.61	20.6	3.51	19.2	3.30
	9.0	7.9	24.7	3.68	23.3	3.54	21.9	3.42	21.2	3.26	20.6	3.17	19.2	2.98
11.0	9.8	24.7	3.43	23.3	3.29	21.9	3.18	21.2	3.04	20.6	2.95	19.2	2.77	
13.0	11.8	24.7	3.21	23.3	3.08	21.9	2.98	21.2	2.84	20.6	2.76	19.2	2.59	
15.0	13.7	24.7	3.03	23.3	2.90	21.9	2.81	21.2	2.68	20.6	2.60	19.2	2.44	
60	-24.8	-25	18.9	8.06	18.9	8.19	18.8	8.38	18.2	7.89	17.6	7.44	16.4	7.02
	-21.8	-22	20.3	8.25	20.1	8.38	18.8	7.89	18.2	7.44	17.6	7.02	16.4	6.62
	-19.8	-20	21.2	8.38	20.1	8.03	18.8	7.57	18.2	7.14	17.6	6.74	16.4	6.35
	-18.8	-19	21.2	8.20	20.1	7.86	18.8	7.41	18.2	6.99	17.6	6.60	16.4	6.22
	-16.7	-17	21.2	7.83	20.1	7.49	18.8	7.07	18.2	6.67	17.6	6.30	16.4	5.94
	-13.7	-15	21.2	7.29	20.1	6.97	18.8	6.58	18.2	6.22	17.6	5.88	16.4	5.54
	-11.8	-13	21.2	6.96	20.1	6.65	18.8	6.27	18.2	5.94	17.6	5.62	16.4	5.28
	-9.8	-11	21.2	6.60	20.1	6.30	18.8	5.95	18.2	5.63	17.6	5.34	16.4	5.02
	-9.5	-10	21.2	6.55	20.1	6.25	18.8	5.90	18.2	5.59	17.6	5.29	16.4	4.98
	-8.5	-9.1	21.2	6.37	20.1	6.07	18.8	5.74	18.2	5.44	17.6	5.15	16.4	4.84
	-7.0	-7.6	21.2	6.10	20.1	5.81	18.8	5.50	18.2	5.21	17.6	4.94	16.4	4.64
	-5.0	-5.6	21.2	5.75	20.1	5.47	18.8	5.17	18.2	4.91	17.6	4.66	16.4	4.37
	-3.0	-3.7	21.2	5.39	20.1	5.12	18.8	4.85	18.2	4.61	17.6	4.38	16.4	4.11
	0.0	-0.7	21.2	4.86	20.1	4.60	18.8	4.36	18.2	4.16	17.6	3.96	16.4	3.71
	3.0	2.2	21.2	4.33	20.1	4.08	18.8	3.88	18.2	3.71	17.6	3.54	16.4	3.31
	5.0	4.1	21.2	3.97	20.1	3.74	18.8	3.56	18.2	3.41	17.6	3.26	16.4	3.04
	7.0	6.0	21.2	3.62	20.1	3.39	18.8	3.23	18.2	3.11	17.6	2.98	16.4	2.77
	9.0	7.9	21.2	3.23	20.1	3.03	18.8	2.88	18.2	2.77	17.6	2.66	16.4	2.47
11.0	9.8	21.2	3.02	20.1	2.82	18.8	2.69	18.2	2.59	17.6	2.48	16.4	2.31	
13.0	11.8	21.2	2.83	20.1	2.65	18.8	2.52	18.2	2.42	17.6	2.33	16.4	2.16	
15.0	13.7	21.2	2.67	20.1	2.50	18.8	2.38	18.2	2.29	17.6	2.20	16.4	2.04	
50	-24.8	-25	17.7	7.09	16.7	7.28	15.7	6.85	15.2	6.45	14.7	6.08	13.7	5.74
	-21.8	-22	17.7	7.28	16.7	6.85	15.7	6.45	15.2	6.08	14.7	5.74	13.7	5.41
	-19.8	-20	17.7	6.98	16.7	6.57	15.7	6.19	15.2	5.83	14.7	5.51	13.7	5.19
	-18.8	-19	17.7	6.83	16.7	6.42	15.7	6.06	15.2	5.71	14.7	5.39	13.7	5.08
	-16.7	-17	17.7	6.51	16.7	6.12	15.7	5.78	15.2	5.45	14.7	5.15	13.7	4.85
	-13.7	-15	17.7	6.05	16.7	5.69	15.7	5.38	15.2	5.07	14.7	4.81	13.7	4.52
	-11.8	-13	17.7	5.77	16.7	5.42	15.7	5.13	15.2	4.84	14.7	4.59	13.7	4.32
	-9.8	-11	17.7	5.46	16.7	5.14	15.7	4.86	15.2	4.59	14.7	4.36	13.7	4.10
	-9.5	-10	17.7	5.42	16.7	5.09	15.7	4.82	15.2	4.55	14.7	4.32	13.7	4.06
	-8.5	-9.1	17.7	5.27	16.7	4.95	15.7	4.69	15.2	4.43	14.7	4.21	13.7	3.96
	-7.0	-7.6	17.7	5.04	16.7	4.74	15.7	4.49	15.2	4.24	14.7	4.03	13.7	3.79
	-5.0	-5.6	17.7	4.74	16.7	4.45	15.7	4.23	15.2	3.99	14.7	3.80	13.7	3.57
	-3.0	-3.7	17.7	4.43	16.7	4.16	15.7	3.96	15.2	3.74	14.7	3.57	13.7	3.35
	0.0	-0.7	17.7	3.98	16.7	3.74	15.7	3.56	15.2	3.37	14.7	3.23	13.7	3.03
	3.0	2.2	17.7	3.53	16.7	3.31	15.7	3.16	15.2	3.00	14.7	2.88	13.7	2.70
	5.0	4.1	17.7	3.22	16.7	3.02	15.7	2.90	15.2	2.75	14.7	2.65	13.7	2.48
	7.0	6.0	17.7	2.92	16.7	2.73	15.7	2.63	15.2	2.50	14.7	2.42	13.7	2.26
	9.0	7.9	17.7	2.64	16.7	2.47	15.7	2.38	15.2	2.26	14.7	2.19	13.7	2.04
11.0	9.8	17.7	2.47	16.7	2.31	15.7	2.23	15.2	2.11	14.7	2.05	13.7	1.91	
13.0	11.8	17.7	2.32	16.7	2.17	15.7	2.09	15.2	1.98	14.7	1.92	13.7	1.79	
15.0	13.7	17.7	2.19	16.7	2.05	15.7	1.98	15.2	1.88	14.7	1.82	13.7	1.70	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM120BTE5

Heating Capacity (12HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	23.9	11.28	23.9	11.49	23.8	11.67	23.8	11.95	23.8	12.22	23.7	12.64
	-21.8	-22	28.4	11.70	28.4	11.91	28.2	12.09	28.2	12.38	28.2	12.64	28.1	13.07
	-19.8	-20	29.6	11.98	29.6	12.19	29.4	12.38	29.4	12.66	29.4	12.93	29.3	13.35
	-18.8	-19	30.3	12.12	30.3	12.33	30.1	12.52	30.1	12.80	30.1	13.07	30.0	13.49
	-16.7	-17	31.8	12.42	31.8	12.63	31.6	12.81	31.6	13.10	31.6	13.36	31.4	13.79
	-13.7	-15	33.9	12.84	33.9	13.05	33.7	13.24	33.7	13.52	33.7	13.79	33.5	13.15
	-11.8	-13	35.0	13.11	35.0	13.32	34.8	13.51	34.8	13.79	34.8	13.35	34.8	12.74
	-9.8	-11	36.2	13.39	36.2	13.60	35.9	13.79	35.9	13.31	35.9	12.88	35.9	12.31
	-9.5	-10	36.4	13.43	36.4	13.65	36.2	13.71	36.2	13.23	36.1	12.81	36.1	12.25
	-8.5	-9.1	37.3	13.58	37.3	13.79	37.1	13.46	37.1	12.99	36.7	12.58	36.7	12.03
	-7.0	-7.6	38.7	13.79	38.7	13.40	38.4	13.08	38.4	12.63	38.4	12.23	38.2	11.71
	-5.0	-5.6	40.5	13.27	40.5	12.89	40.2	12.57	40.2	12.15	40.2	11.77	39.5	11.28
	-3.0	-3.7	42.3	12.75	42.3	12.38	42.0	12.07	42.0	11.67	42.0	11.30	40.9	10.85
	0.0	-0.7	44.9	11.97	44.9	11.61	44.7	11.31	44.7	10.94	44.7	10.61	42.7	10.21
	3.0	2.2	47.6	11.19	47.6	10.84	47.3	10.55	47.3	10.22	45.8	9.91	42.7	9.57
	5.0	4.1	48.9	10.67	48.9	10.33	48.7	10.04	47.5	9.74	45.8	9.45	42.7	9.14
	7.0	6.0	48.9	10.15	48.9	9.82	48.7	9.54	47.5	9.26	45.8	8.98	42.7	8.71
9.0	7.9	48.9	9.71	48.9	9.39	48.7	9.12	47.5	8.85	45.8	8.59	42.7	8.33	
11.0	9.8	48.9	9.34	48.9	9.04	48.7	8.78	47.5	8.52	45.8	8.27	42.7	8.02	
13.0	11.8	48.9	8.96	48.9	8.67	48.7	8.42	47.5	8.17	45.8	7.93	42.7	7.69	
15.0	13.7	48.9	8.55	48.9	8.28	48.7	8.04	47.5	7.80	45.8	7.57	42.7	7.34	
120	-24.8	-25	23.8	11.49	23.8	11.67	23.6	11.95	23.6	12.22	23.6	12.64	23.5	12.94
	-21.8	-22	28.2	11.91	28.2	12.09	28.0	12.38	28.0	12.64	28.0	13.07	27.9	13.36
	-19.8	-20	29.4	12.19	29.4	12.38	29.2	12.66	29.2	12.93	29.2	13.35	29.1	13.65
	-18.8	-19	30.1	12.33	30.1	12.52	29.9	12.80	29.9	13.07	29.9	13.49	29.8	13.79
	-16.7	-17	31.6	12.63	31.6	12.81	31.4	13.10	31.4	13.36	31.4	13.79	31.2	13.37
	-13.7	-15	33.6	13.05	33.6	13.24	33.4	13.52	33.4	13.79	33.4	13.17	33.3	12.78
	-11.8	-13	34.7	13.32	34.7	13.51	34.5	13.79	34.5	13.34	34.5	12.77	34.5	12.41
	-9.8	-11	35.9	13.60	35.9	13.79	35.7	13.29	35.7	12.88	35.7	12.36	35.7	12.02
	-9.5	-10	36.2	13.65	36.2	13.71	36.0	13.22	36.0	12.81	36.0	12.29	36.0	11.96
	-8.5	-9.1	37.1	13.79	37.1	13.44	36.8	12.97	36.8	12.57	36.8	12.09	36.8	11.76
	-7.0	-7.6	38.4	13.38	38.4	13.04	38.2	12.60	38.2	12.22	38.0	11.77	37.9	11.47
	-5.0	-5.6	40.2	12.84	40.2	12.51	39.9	12.10	39.9	11.76	39.9	11.36	39.3	11.07
	-3.0	-3.7	42.0	12.29	42.0	11.98	41.7	11.61	41.7	11.29	41.7	10.94	40.1	10.68
	0.0	-0.7	44.6	11.48	44.6	11.18	44.3	10.86	44.3	10.59	43.1	10.32	40.1	10.09
	3.0	2.2	47.3	10.66	47.3	10.38	46.1	10.12	44.5	9.89	43.1	9.70	40.1	9.50
	5.0	4.1	48.5	10.11	48.0	9.84	46.1	9.62	44.5	9.42	43.1	9.28	40.1	9.10
	7.0	6.0	48.5	9.57	48.0	9.31	46.1	9.13	44.5	8.95	43.1	8.87	40.1	8.71
9.0	7.9	48.5	9.14	48.0	8.89	46.1	8.72	44.5	8.55	43.1	8.47	40.1	8.32	
11.0	9.8	48.5	8.79	48.0	8.55	46.1	8.38	44.5	8.22	43.1	8.14	40.1	8.00	
13.0	11.8	48.5	8.41	48.0	8.18	46.1	8.02	44.5	7.87	43.1	7.80	40.1	7.66	
15.0	13.7	48.5	8.02	48.0	7.80	46.1	7.65	44.5	7.50	43.1	7.43	40.1	7.30	
110	-24.8	-25	23.6	11.67	23.6	11.95	23.5	12.22	23.5	12.64	23.5	12.94	23.4	13.08
	-21.8	-22	28.1	12.09	28.1	12.38	27.9	12.64	27.9	13.07	27.9	13.36	27.8	13.51
	-19.8	-20	29.2	12.38	29.2	12.66	29.1	12.93	29.1	13.35	29.1	13.65	28.9	13.79
	-18.8	-19	29.9	12.52	29.9	12.80	29.7	13.07	29.7	13.49	29.7	13.79	29.6	13.58
	-16.7	-17	31.4	12.81	31.4	13.10	31.2	13.36	31.2	13.79	31.2	13.35	31.0	13.13
	-13.7	-15	33.5	13.24	33.5	13.52	33.2	13.79	33.2	13.12	33.2	12.72	33.2	12.50
	-11.8	-13	34.6	13.51	34.6	13.79	34.3	13.31	34.3	12.70	34.3	12.33	34.3	12.10
	-9.8	-11	35.7	13.79	35.7	13.25	35.5	12.81	35.5	12.25	35.5	11.91	35.5	11.68
	-9.5	-10	36.0	13.70	36.0	13.17	35.8	12.74	35.8	12.18	35.8	11.85	35.8	11.62
	-8.5	-9.1	36.9	13.41	36.9	12.90	36.6	12.49	36.6	11.96	36.6	11.64	36.1	11.41
	-7.0	-7.6	38.2	12.96	38.2	12.49	38.0	12.11	38.0	11.63	38.0	11.32	36.1	11.09
	-5.0	-5.6	40.0	12.38	40.0	11.95	39.7	11.61	39.7	11.18	38.6	10.91	36.1	10.67
	-3.0	-3.7	41.7	11.79	41.7	11.41	41.3	11.11	40.0	10.74	38.6	10.49	36.1	10.25
	0.0	-0.7	44.4	10.90	44.0	10.60	41.3	10.36	40.0	10.07	38.6	9.86	36.1	9.62
	3.0	2.2	46.6	10.02	44.0	9.79	41.3	9.61	40.0	9.40	38.6	9.24	36.1	8.98
	5.0	4.1	46.6	9.43	44.0	9.25	41.3	9.11	40.0	8.96	38.6	8.82	36.1	8.56
	7.0	6.0	46.6	8.85	44.0	8.71	41.3	8.61	40.0	8.51	38.6	8.40	36.1	8.14
9.0	7.9	46.6	8.42	44.0	8.29	41.3	8.20	40.0	8.10	38.6	7.99	36.1	7.75	
11.0	9.8	46.6	8.05	44.0	7.93	41.3	7.84	40.0	7.75	38.6	7.65	36.1	7.41	
13.0	11.8	46.6	7.67	44.0	7.56	41.3	7.47	40.0	7.38	38.6	7.29	36.1	7.06	
15.0	13.7	46.6	7.27	44.0	7.16	41.3	7.08	40.0	6.99	38.6	6.90	36.1	6.69	

7. Capacity Tables

Heating Capacity (12HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	23.5	13.16	23.5	13.24	23.4	12.76	23.4	13.45	23.4	13.54	23.3	13.58
	-21.8	-22	27.9	13.29	27.9	13.37	27.8	13.16	27.8	13.57	27.8	13.87	27.6	13.70
	-19.8	-20	29.1	13.37	29.1	13.45	28.9	13.43	28.9	13.66	28.9	13.82	28.8	13.79
	-18.8	-19	29.8	13.41	29.6	13.49	29.6	13.57	29.6	13.70	29.6	13.79	29.5	13.54
	-16.7	-17	31.1	13.50	31.1	13.58	31.1	13.87	30.9	13.79	30.9	13.27	30.7	13.02
	-13.7	-15	33.3	13.62	33.3	13.71	33.1	13.79	33.1	13.03	33.1	12.54	33.0	12.28
	-11.8	-13	34.4	13.70	34.2	13.79	34.2	13.27	34.2	12.55	34.2	12.07	33.0	11.81
	-9.8	-11	35.5	13.79	35.5	13.20	35.4	12.73	35.4	12.04	35.4	11.58	33.0	11.32
	-9.5	-10	35.8	13.69	35.8	13.12	35.6	12.64	35.6	11.97	35.4	11.51	33.0	11.25
	-8.5	-9.1	36.7	13.38	36.7	12.82	36.5	12.37	36.6	11.72	35.4	11.26	33.0	11.00
	-7.0	-7.6	38.6	12.92	38.5	12.39	37.8	11.96	36.6	11.34	35.4	10.89	33.0	10.63
	-5.0	-5.6	40.3	12.30	39.9	11.80	37.8	11.42	36.6	10.83	35.4	10.40	33.0	10.14
	-3.0	-3.7	41.5	11.67	40.2	11.22	37.8	10.87	36.6	10.32	35.4	9.91	33.0	9.64
	0.0	-0.7	42.6	10.74	40.2	10.34	37.8	10.06	36.6	9.57	35.4	9.18	33.0	8.90
	3.0	2.2	42.6	9.81	40.2	9.46	37.8	9.24	36.6	8.81	35.4	8.44	33.0	8.16
	5.0	4.1	42.6	9.19	40.2	8.88	37.8	8.69	36.6	8.30	35.4	7.95	33.0	7.67
	7.0	6.0	42.6	8.56	40.2	8.29	37.8	8.15	36.6	7.80	35.4	7.46	33.0	7.17
	9.0	7.9	42.6	8.06	40.2	7.81	37.8	7.67	36.6	7.34	35.4	7.02	33.0	6.75
	11.0	9.8	42.6	7.62	40.2	7.38	37.8	7.25	36.6	6.94	35.4	6.64	33.0	6.38
	13.0	11.8	42.6	7.15	40.2	6.93	37.8	6.81	36.6	6.51	35.4	6.23	33.0	5.99
15.0	13.7	42.6	6.67	40.2	6.46	37.8	6.34	36.6	6.07	35.4	5.81	33.0	5.59	
90	-24.8	-25	23.4	11.58	23.4	12.01	23.3	12.30	23.3	12.44	23.3	12.73	23.2	13.15
	-21.8	-22	27.8	12.01	27.8	12.43	27.7	12.73	27.7	12.87	27.7	13.15	27.5	12.53
	-19.8	-20	29.0	12.29	29.0	12.71	28.8	13.01	28.8	13.15	28.8	12.72	28.7	12.11
	-18.8	-19	29.8	12.43	29.6	12.85	29.5	13.15	29.5	12.93	29.5	12.50	29.4	11.90
	-16.7	-17	31.1	12.73	31.1	13.15	30.9	12.68	30.9	12.45	30.9	12.05	30.1	11.46
	-13.7	-15	33.3	13.15	33.3	12.45	33.0	12.01	33.0	11.78	32.4	11.40	30.1	10.84
	-11.8	-13	34.4	12.66	34.2	12.00	34.1	11.59	33.5	11.35	32.4	10.99	30.1	10.44
	-9.8	-11	35.5	12.15	35.5	11.53	34.6	11.14	33.5	10.90	32.4	10.55	30.1	10.02
	-9.5	-10	35.8	12.07	35.8	11.46	34.6	11.07	33.5	10.84	32.4	10.49	30.1	9.96
	-8.5	-9.1	36.7	11.81	36.4	11.22	34.6	10.85	33.5	10.61	32.4	10.27	30.1	9.75
	-7.0	-7.6	38.6	11.43	36.7	10.87	34.6	10.51	33.5	10.27	32.4	9.95	30.1	9.44
	-5.0	-5.6	39.0	10.91	36.7	10.40	34.6	10.06	33.5	9.83	32.4	9.51	30.1	9.02
	-3.0	-3.7	39.0	10.40	36.7	9.93	34.6	9.62	33.5	9.38	32.4	9.08	30.1	8.61
	0.0	-0.7	39.0	9.63	36.7	9.23	34.6	8.95	33.5	8.70	32.4	8.43	30.1	7.98
	3.0	2.2	39.0	8.85	36.7	8.52	34.6	8.28	33.5	8.03	32.4	7.78	30.1	7.36
	5.0	4.1	39.0	8.34	36.7	8.05	34.6	7.83	33.5	7.58	32.4	7.35	30.1	6.94
	7.0	6.0	39.0	7.83	36.7	7.58	34.6	7.38	33.5	7.13	32.4	6.92	30.1	6.52
	9.0	7.9	39.0	7.35	36.7	7.13	34.6	6.93	33.5	6.70	32.4	6.50	30.1	6.13
	11.0	9.8	39.0	6.88	36.7	6.67	34.6	6.49	33.5	6.27	32.4	6.08	30.1	5.73
	13.0	11.8	39.0	6.40	36.7	6.21	34.6	6.04	33.5	5.83	32.4	5.66	30.1	5.34
15.0	13.7	39.0	5.93	36.7	5.75	34.6	5.59	33.5	5.40	32.4	5.24	30.1	4.94	
80	-24.8	-25	23.3	10.09	23.3	10.52	23.2	10.81	23.2	10.96	23.2	11.66	23.1	11.11
	-21.8	-22	27.5	10.52	27.5	10.94	27.5	11.24	27.5	11.66	27.5	11.11	26.9	10.59
	-19.8	-20	28.7	10.80	28.7	11.22	28.7	11.66	28.7	11.27	28.7	10.74	26.9	10.24
	-18.8	-19	29.4	10.94	29.4	11.66	29.4	11.46	29.4	11.07	28.9	10.56	26.9	10.06
	-16.7	-17	30.9	11.66	30.9	11.24	30.9	11.04	30.0	10.66	28.9	10.17	26.9	9.70
	-13.7	-15	32.3	11.03	31.7	10.63	30.9	10.44	30.0	10.07	28.9	9.62	26.9	9.17
	-11.8	-13	33.2	10.63	32.2	10.25	30.9	10.05	30.0	9.70	28.9	9.27	26.9	8.84
	-9.8	-11	34.1	10.21	32.7	9.85	30.9	9.65	30.0	9.31	28.9	8.91	26.9	8.49
	-9.5	-10	34.3	10.14	32.8	9.79	30.9	9.59	30.0	9.25	28.9	8.85	26.9	8.44
	-8.5	-9.1	34.7	9.93	33.0	9.59	30.9	9.39	30.0	9.06	28.9	8.67	26.9	8.26
	-7.0	-7.6	35.0	9.62	33.0	9.29	30.9	9.09	30.0	8.76	28.9	8.39	26.9	8.00
	-5.0	-5.6	35.0	9.19	33.0	8.89	30.9	8.69	30.0	8.37	28.9	8.03	26.9	7.65
	-3.0	-3.7	35.0	8.77	33.0	8.48	30.9	8.29	30.0	7.98	28.9	7.66	26.9	7.30
	0.0	-0.7	35.0	8.14	33.0	7.88	30.9	7.69	30.0	7.39	28.9	7.11	26.9	6.78
	3.0	2.2	35.0	7.51	33.0	7.28	30.9	7.08	30.0	6.80	28.9	6.56	26.9	6.26
	5.0	4.1	35.0	7.09	33.0	6.87	30.9	6.68	30.0	6.41	28.9	6.19	26.9	5.91
	7.0	6.0	35.0	6.67	33.0	6.47	30.9	6.28	30.0	6.02	28.9	5.82	26.9	5.56
	9.0	7.9	35.0	6.26	33.0	6.08	30.9	5.90	30.0	5.65	28.9	5.47	26.9	5.22
	11.0	9.8	35.0	5.81	33.0	5.64	30.9	5.47	30.0	5.25	28.9	5.07	26.9	4.84
	13.0	11.8	35.0	5.42	33.0	5.26	30.9	5.11	30.0	4.90	28.9	4.74	26.9	4.52
15.0	13.7	35.0	5.10	33.0	4.96	30.9	4.81	30.0	4.61	28.9	4.46	26.9	4.26	

7. Capacity Tables

Heating Capacity (12HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	23.3	10.39	23.3	10.53	23.2	10.81	23.2	11.24	23.2	10.66	23.0	10.13
	-21.8	-22	26.5	10.81	26.5	10.96	26.3	11.24	25.4	10.66	24.7	10.13	23.0	9.61
	-19.8	-20	28.6	11.10	28.0	11.24	26.3	10.83	25.4	10.28	24.7	9.77	23.0	9.27
	-18.8	-19	29.4	11.24	28.0	11.03	26.3	10.63	25.4	10.09	24.7	9.59	23.0	9.10
	-16.7	-17	29.6	10.80	28.0	10.58	26.3	10.20	25.4	9.68	24.7	9.22	23.0	8.74
	-13.7	-15	29.6	10.16	28.0	9.95	26.3	9.59	25.4	9.11	24.7	8.68	23.0	8.23
	-11.8	-13	29.6	9.76	28.0	9.55	26.3	9.21	25.4	8.74	24.7	8.34	23.0	7.90
	-9.8	-11	29.6	9.34	28.0	9.12	26.3	8.80	25.4	8.36	24.7	7.98	23.0	7.56
	-9.5	-10	29.6	9.28	28.0	9.06	26.3	8.74	25.4	8.30	24.7	7.93	23.0	7.51
	-8.5	-9.1	29.6	9.07	28.0	8.85	26.3	8.53	25.4	8.11	24.7	7.75	23.0	7.34
	-7.0	-7.6	29.6	8.75	28.0	8.53	26.3	8.23	25.4	7.82	24.7	7.48	23.0	7.08
	-5.0	-5.6	29.6	8.33	28.0	8.11	26.3	7.82	25.4	7.44	24.7	7.13	23.0	6.74
	-3.0	-3.7	29.6	7.91	28.0	7.69	26.3	7.42	25.4	7.06	24.7	6.77	23.0	6.40
	0.0	-0.7	29.6	7.28	28.0	7.05	26.3	6.81	25.4	6.48	24.7	6.23	23.0	5.88
	3.0	2.2	29.6	6.65	28.0	6.42	26.3	6.20	25.4	5.91	24.7	5.70	23.0	5.37
	5.0	4.1	29.6	6.23	28.0	5.99	26.3	5.79	25.4	5.52	24.7	5.34	23.0	5.03
	7.0	6.0	29.6	5.80	28.0	5.57	26.3	5.38	25.4	5.14	24.7	4.99	23.0	4.69
	9.0	7.9	29.6	5.24	28.0	5.03	26.3	4.86	25.4	4.64	24.7	4.50	23.0	4.23
11.0	9.8	29.6	4.88	28.0	4.68	26.3	4.53	25.4	4.32	24.7	4.19	23.0	3.94	
13.0	11.8	29.6	4.57	28.0	4.38	26.3	4.24	25.4	4.04	24.7	3.92	23.0	3.69	
15.0	13.7	29.6	4.30	28.0	4.13	26.3	3.99	25.4	3.81	24.7	3.70	23.0	3.48	
60	-24.8	-25	22.7	10.11	22.7	10.39	22.6	10.81	21.8	10.23	21.1	9.68	19.7	9.17
	-21.8	-22	24.3	10.53	24.1	10.81	22.6	10.23	21.8	9.68	21.1	9.17	19.7	8.67
	-19.8	-20	25.4	10.81	24.1	10.40	22.6	9.84	21.8	9.31	21.1	8.82	19.7	8.34
	-18.8	-19	25.4	10.60	24.1	10.19	22.6	9.64	21.8	9.13	21.1	8.65	19.7	8.18
	-16.7	-17	25.4	10.16	24.1	9.75	22.6	9.23	21.8	8.75	21.1	8.29	19.7	7.84
	-13.7	-15	25.4	9.52	24.1	9.13	22.6	8.64	21.8	8.20	21.1	7.78	19.7	7.34
	-11.8	-13	25.4	9.12	24.1	8.73	22.6	8.27	21.8	7.85	21.1	7.46	19.7	7.03
	-9.8	-11	25.4	8.70	24.1	8.32	22.6	7.88	21.8	7.49	21.1	7.11	19.7	6.70
	-9.5	-10	25.4	8.64	24.1	8.26	22.6	7.82	21.8	7.43	21.1	7.06	19.7	6.65
	-8.5	-9.1	25.4	8.43	24.1	8.05	22.6	7.63	21.8	7.25	21.1	6.89	19.7	6.49
	-7.0	-7.6	25.4	8.11	24.1	7.74	22.6	7.33	21.8	6.98	21.1	6.63	19.7	6.24
	-5.0	-5.6	25.4	7.69	24.1	7.32	22.6	6.94	21.8	6.61	21.1	6.29	19.7	5.91
	-3.0	-3.7	25.4	7.26	24.1	6.90	22.6	6.55	21.8	6.25	21.1	5.95	19.7	5.58
	0.0	-0.7	25.4	6.63	24.1	6.28	22.6	5.97	21.8	5.70	21.1	5.44	19.7	5.09
	3.0	2.2	25.4	5.99	24.1	5.65	22.6	5.38	21.8	5.15	21.1	4.92	19.7	4.60
	5.0	4.1	25.4	5.57	24.1	5.24	22.6	4.99	21.8	4.78	21.1	4.58	19.7	4.27
	7.0	6.0	25.4	5.15	24.1	4.82	22.6	4.60	21.8	4.42	21.1	4.24	19.7	3.94
	9.0	7.9	25.4	4.59	24.1	4.30	22.6	4.10	21.8	3.94	21.1	3.78	19.7	3.52
11.0	9.8	25.4	4.29	24.1	4.02	22.6	3.83	21.8	3.68	21.1	3.53	19.7	3.28	
13.0	11.8	25.4	4.02	24.1	3.76	22.6	3.59	21.8	3.45	21.1	3.31	19.7	3.08	
15.0	13.7	25.4	3.80	24.1	3.56	22.6	3.39	21.8	3.26	21.1	3.13	19.7	2.91	
50	-24.8	-25	21.2	9.26	20.0	9.68	18.8	9.13	18.2	8.63	17.6	8.15	16.4	7.70
	-21.8	-22	21.2	9.68	20.0	9.13	18.8	8.63	18.2	8.15	17.6	7.70	16.4	7.28
	-19.8	-20	21.2	9.30	20.0	8.77	18.8	8.29	18.2	7.83	17.6	7.41	16.4	7.00
	-18.8	-19	21.2	9.10	20.0	8.59	18.8	8.12	18.2	7.67	17.6	7.26	16.4	6.86
	-16.7	-17	21.2	8.70	20.0	8.20	18.8	7.76	18.2	7.33	17.6	6.95	16.4	6.56
	-13.7	-15	21.2	8.13	20.0	7.66	18.8	7.25	18.2	6.86	17.6	6.51	16.4	6.14
	-11.8	-13	21.2	7.76	20.0	7.31	18.8	6.93	18.2	6.55	17.6	6.23	16.4	5.87
	-9.8	-11	21.2	7.38	20.0	6.95	18.8	6.59	18.2	6.24	17.6	5.93	16.4	5.59
	-9.5	-10	21.2	7.32	20.0	6.89	18.8	6.54	18.2	6.19	17.6	5.89	16.4	5.55
	-8.5	-9.1	21.2	7.13	20.0	6.71	18.8	6.37	18.2	6.03	17.6	5.74	16.4	5.40
	-7.0	-7.6	21.2	6.84	20.0	6.44	18.8	6.12	18.2	5.79	17.6	5.52	16.4	5.19
	-5.0	-5.6	21.2	6.46	20.0	6.07	18.8	5.78	18.2	5.47	17.6	5.22	16.4	4.91
	-3.0	-3.7	21.2	6.07	20.0	5.71	18.8	5.44	18.2	5.15	17.6	4.93	16.4	4.63
	0.0	-0.7	21.2	5.50	20.0	5.16	18.8	4.93	18.2	4.67	17.6	4.48	16.4	4.20
	3.0	2.2	21.2	4.92	20.0	4.62	18.8	4.42	18.2	4.20	17.6	4.04	16.4	3.78
	5.0	4.1	21.2	4.54	20.0	4.25	18.8	4.08	18.2	3.88	17.6	3.74	16.4	3.50
	7.0	6.0	21.2	4.15	20.0	3.89	18.8	3.75	18.2	3.56	17.6	3.45	16.4	3.22
	9.0	7.9	21.2	3.75	20.0	3.51	18.8	3.38	18.2	3.21	17.6	3.11	16.4	2.90
11.0	9.8	21.2	3.51	20.0	3.29	18.8	3.16	18.2	3.01	17.6	2.91	16.4	2.72	
13.0	11.8	21.2	3.29	20.0	3.09	18.8	2.97	18.2	2.82	17.6	2.74	16.4	2.55	
15.0	13.7	21.2	3.12	20.0	2.92	18.8	2.81	18.2	2.67	17.6	2.59	16.4	2.41	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM140BTE5

Heating Capacity (14HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	27.3	13.51	27.3	13.65	27.2	13.77	27.2	13.96	27.2	14.14	26.6	14.42
	-21.8	-22	33.3	13.79	33.3	13.93	33.0	14.05	33.0	14.24	33.0	14.42	32.4	14.69
	-19.8	-20	35.1	13.98	35.1	14.12	34.9	14.24	34.9	14.42	34.9	14.60	34.2	14.88
	-18.8	-19	35.9	14.07	35.9	14.21	35.7	14.33	35.7	14.52	35.7	14.69	35.0	14.97
	-16.7	-17	37.7	14.27	37.7	14.41	37.4	14.53	37.4	14.71	37.4	14.89	36.7	15.17
	-13.7	-15	40.1	14.55	40.1	14.69	39.9	14.81	39.9	14.99	39.9	15.17	39.1	14.61
	-11.8	-13	41.4	14.72	41.4	14.86	41.2	14.98	41.2	15.17	41.2	14.79	40.6	14.25
	-9.8	-11	42.8	14.91	42.8	15.05	42.5	15.17	42.5	14.77	42.5	14.40	42.2	13.88
	-9.5	-10	43.1	14.94	43.1	15.08	42.8	15.11	42.8	14.71	42.8	14.34	42.5	13.83
	-8.5	-9.1	43.9	15.03	43.9	15.17	43.6	14.91	43.6	14.51	43.4	14.14	43.3	13.64
	-7.0	-7.6	45.1	15.17	45.1	14.87	44.8	14.60	44.8	14.21	44.8	13.84	44.5	13.36
	-5.0	-5.6	46.8	14.79	46.8	14.48	46.5	14.19	46.5	13.81	46.5	13.45	46.1	12.99
	-3.0	-3.7	48.4	14.41	48.4	14.08	48.1	13.79	48.1	13.41	48.1	13.05	47.7	12.61
	0.0	-0.7	50.9	13.84	50.9	13.49	50.6	13.18	50.6	12.81	50.6	12.46	49.8	12.05
	3.0	2.2	53.4	13.27	53.4	12.90	53.0	12.57	53.0	12.21	53.0	11.87	49.8	11.49
	5.0	4.1	55.0	12.89	55.0	12.50	54.7	12.16	54.7	11.82	53.5	11.47	49.8	11.12
	7.0	6.0	56.7	12.51	56.7	12.11	56.3	11.76	55.4	11.42	53.5	11.08	49.8	10.74
9.0	7.9	57.0	12.20	57.0	11.81	56.8	11.47	55.4	11.13	53.5	10.80	49.8	10.48	
11.0	9.8	57.0	12.00	57.0	11.61	56.8	11.27	55.4	10.95	53.5	10.62	49.8	10.30	
13.0	11.8	57.0	11.78	57.0	11.40	56.8	11.07	55.4	10.75	53.5	10.43	49.8	10.11	
15.0	13.7	57.0	11.54	57.0	11.17	56.8	10.84	55.4	10.53	53.5	10.21	49.8	9.91	
120	-24.8	-25	27.1	13.65	27.1	13.77	27.0	13.96	27.0	14.14	27.0	14.42	26.4	14.61
	-21.8	-22	33.0	13.93	33.0	14.05	32.8	14.24	32.8	14.42	32.8	14.69	32.2	14.89
	-19.8	-20	34.8	14.12	34.8	14.24	34.6	14.42	34.6	14.60	34.6	14.88	33.9	15.08
	-18.8	-19	35.7	14.21	35.7	14.33	35.4	14.52	35.4	14.69	35.4	14.97	34.7	15.17
	-16.7	-17	37.4	14.41	37.4	14.53	37.2	14.71	37.2	14.89	37.2	15.17	36.4	14.81
	-13.7	-15	39.8	14.69	39.8	14.81	39.6	14.99	39.6	15.17	39.6	14.63	38.8	14.29
	-11.8	-13	41.1	14.86	41.1	14.98	40.9	15.17	40.9	14.79	40.9	14.29	40.3	13.97
	-9.8	-11	42.5	15.05	42.5	15.17	42.2	14.75	42.2	14.39	42.2	13.94	41.9	13.62
	-9.5	-10	42.8	15.08	42.8	15.10	42.5	14.69	42.5	14.33	42.5	13.88	42.2	13.57
	-8.5	-9.1	43.6	15.17	43.6	14.88	43.3	14.48	43.3	14.13	43.3	13.70	43.0	13.40
	-7.0	-7.6	44.8	14.84	44.8	14.55	44.5	14.17	44.5	13.83	44.5	13.44	44.2	13.14
	-5.0	-5.6	46.4	14.41	46.4	14.12	46.1	13.75	46.1	13.43	46.1	13.08	45.8	12.80
	-3.0	-3.7	48.1	13.97	48.1	13.68	47.8	13.34	47.8	13.04	47.8	12.72	46.8	12.46
	0.0	-0.7	50.5	13.32	50.5	13.02	50.2	12.71	50.2	12.44	50.2	12.19	46.8	11.94
	3.0	2.2	53.0	12.67	53.0	12.36	52.6	12.09	52.0	11.84	50.3	11.65	46.8	11.43
	5.0	4.1	54.6	12.24	54.6	11.92	53.7	11.67	52.0	11.44	50.3	11.29	46.8	11.08
	7.0	6.0	56.3	11.80	55.9	11.48	53.7	11.26	52.0	11.04	50.3	10.94	46.8	10.74
9.0	7.9	56.5	11.48	55.9	11.17	53.7	10.95	52.0	10.74	50.3	10.64	46.8	10.45	
11.0	9.8	56.5	11.26	55.9	10.95	53.7	10.74	52.0	10.53	50.3	10.43	46.8	10.24	
13.0	11.8	56.5	11.02	55.9	10.72	53.7	10.51	52.0	10.31	50.3	10.21	46.8	10.03	
15.0	13.7	56.5	10.76	55.9	10.47	53.7	10.26	52.0	10.07	50.3	9.97	46.8	9.79	
110	-24.8	-25	27.0	13.77	27.0	13.96	26.8	14.14	26.8	14.42	26.8	14.61	26.3	14.70
	-21.8	-22	32.8	14.05	32.8	14.24	32.6	14.42	32.6	14.69	32.6	14.89	32.0	14.98
	-19.8	-20	34.7	14.24	34.7	14.42	34.4	14.60	34.4	14.88	34.4	15.08	33.8	15.17
	-18.8	-19	35.5	14.33	35.5	14.52	35.2	14.69	35.2	14.97	35.2	15.17	34.6	14.98
	-16.7	-17	37.2	14.53	37.2	14.71	37.0	14.89	37.0	15.17	37.0	14.78	36.2	14.58
	-13.7	-15	39.6	14.81	39.6	14.99	39.4	15.17	39.4	14.58	39.4	14.22	39.4	14.00
	-11.8	-13	40.9	14.98	40.9	15.17	40.7	14.75	40.7	14.20	40.7	13.86	40.7	13.64
	-9.8	-11	42.3	15.17	42.3	14.70	42.0	14.31	42.0	13.81	42.0	13.49	42.0	13.26
	-9.5	-10	42.5	15.09	42.5	14.63	42.3	14.25	42.3	13.75	42.3	13.44	42.1	13.20
	-8.5	-9.1	43.3	14.84	43.3	14.39	43.1	14.03	43.1	13.55	43.1	13.25	42.1	13.01
	-7.0	-7.6	44.6	14.46	44.6	14.04	44.3	13.70	44.3	13.26	44.3	12.97	42.1	12.72
	-5.0	-5.6	46.2	13.95	46.2	13.57	45.9	13.26	45.9	12.86	45.1	12.60	42.1	12.34
	-3.0	-3.7	47.8	13.44	47.8	13.10	47.5	12.82	46.6	12.47	45.1	12.22	42.1	11.95
	0.0	-0.7	50.3	12.68	50.3	12.39	48.2	12.16	46.6	11.87	45.1	11.66	42.1	11.38
	3.0	2.2	52.7	11.92	51.4	11.69	48.2	11.50	46.6	11.28	45.1	11.10	42.1	10.80
	5.0	4.1	54.3	11.41	51.4	11.21	48.2	11.06	46.6	10.89	45.1	10.73	42.1	10.42
	7.0	6.0	54.4	10.91	51.4	10.74	48.2	10.62	46.6	10.49	45.1	10.36	42.1	10.04
9.0	7.9	54.4	10.56	51.4	10.40	48.2	10.29	46.6	10.16	45.1	10.03	42.1	9.72	
11.0	9.8	54.4	10.31	51.4	10.15	48.2	10.04	46.6	9.91	45.1	9.79	42.1	9.48	
13.0	11.8	54.4	10.03	51.4	9.88	48.2	9.77	46.6	9.65	45.1	9.53	42.1	9.23	
15.0	13.7	54.4	9.74	51.4	9.59	48.2	9.49	46.6	9.37	45.1	9.25	42.1	8.96	

7. Capacity Tables

Heating Capacity (14HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	26.9	15.17	26.9	15.17	26.7	14.34	26.7	15.17	26.7	15.17	26.2	15.17
	-21.8	-22	32.7	15.17	32.7	15.17	32.5	14.79	32.5	15.17	32.5	15.37	31.9	15.17
	-19.8	-20	34.5	15.17	34.5	15.17	34.3	15.08	34.3	15.17	34.3	15.24	33.6	15.17
	-18.8	-19	35.3	15.17	35.1	15.17	35.1	15.17	35.1	15.17	35.1	15.17	34.4	14.93
	-16.7	-17	36.8	15.17	36.8	15.17	36.8	15.37	36.6	15.17	36.6	14.68	35.9	14.44
	-13.7	-15	39.4	15.17	39.4	15.17	39.2	15.17	39.2	14.47	39.2	13.99	38.5	13.73
	-11.8	-13	40.7	15.17	40.5	15.17	40.5	14.70	40.5	14.02	40.5	13.55	38.5	13.28
	-9.8	-11	42.1	15.17	42.1	14.64	41.8	14.20	41.8	13.55	41.3	13.09	38.5	12.81
	-9.5	-10	42.3	15.09	42.3	14.56	42.1	14.13	42.1	13.48	41.3	13.02	38.5	12.74
	-8.5	-9.1	43.1	14.81	43.1	14.30	42.9	13.88	42.7	13.25	41.3	12.79	38.5	12.50
	-7.0	-7.6	45.1	14.40	44.9	13.91	44.1	13.51	42.7	12.90	41.3	12.44	38.5	12.15
	-5.0	-5.6	47.0	13.85	46.6	13.38	44.1	13.02	42.7	12.43	41.3	11.98	38.5	11.68
	-3.0	-3.7	48.4	13.30	46.9	12.86	44.1	12.52	42.7	11.96	41.3	11.51	38.5	11.21
	0.0	-0.7	49.7	12.48	46.9	12.07	44.1	11.78	42.7	11.26	41.3	10.82	38.5	10.50
	3.0	2.2	49.7	11.66	46.9	11.28	44.1	11.04	42.7	10.55	41.3	10.12	38.5	9.79
	5.0	4.1	49.7	11.11	46.9	10.75	44.1	10.54	42.7	10.08	41.3	9.66	38.5	9.32
	7.0	6.0	49.7	10.56	46.9	10.23	44.1	10.05	42.7	9.61	41.3	9.20	38.5	8.85
	9.0	7.9	49.7	10.15	46.9	9.83	44.1	9.66	42.7	9.24	41.3	8.84	38.5	8.51
	11.0	9.8	49.7	9.83	46.9	9.52	44.1	9.36	42.7	8.95	41.3	8.56	38.5	8.24
	13.0	11.8	49.7	9.49	46.9	9.19	44.1	9.03	42.7	8.64	41.3	8.27	38.5	7.95
15.0	13.7	49.7	9.12	46.9	8.84	44.1	8.68	42.7	8.31	41.3	7.95	38.5	7.65	
90	-24.8	-25	26.8	13.53	26.8	13.81	26.6	14.01	26.6	14.10	26.6	14.29	26.1	14.57
	-21.8	-22	32.6	13.81	32.6	14.09	32.4	14.29	32.4	14.38	32.4	14.57	31.7	13.95
	-19.8	-20	34.4	14.00	34.4	14.28	34.2	14.48	34.2	14.57	34.2	14.15	33.5	13.54
	-18.8	-19	35.3	14.09	35.1	14.37	35.0	14.57	35.0	14.35	35.0	13.94	34.3	13.34
	-16.7	-17	36.8	14.29	36.8	14.57	36.6	14.12	36.6	13.90	36.6	13.50	35.1	12.91
	-13.7	-15	39.4	14.57	39.4	13.91	39.1	13.49	39.1	13.25	37.8	12.87	35.1	12.29
	-11.8	-13	40.7	14.12	40.5	13.49	40.3	13.09	39.1	12.84	37.8	12.47	35.1	11.90
	-9.8	-11	42.1	13.64	42.1	13.05	40.4	12.66	39.1	12.41	37.8	12.05	35.1	11.49
	-9.5	-10	42.3	13.57	42.3	12.98	40.4	12.60	39.1	12.35	37.8	11.99	35.1	11.43
	-8.5	-9.1	43.1	13.33	42.8	12.76	40.4	12.39	39.1	12.13	37.8	11.78	35.1	11.22
	-7.0	-7.6	45.1	12.98	42.9	12.43	40.4	12.07	39.1	11.81	37.8	11.47	35.1	10.92
	-5.0	-5.6	45.6	12.50	42.9	11.99	40.4	11.64	39.1	11.38	37.8	11.05	35.1	10.51
	-3.0	-3.7	45.6	12.03	42.9	11.55	40.4	11.22	39.1	10.95	37.8	10.63	35.1	10.10
	0.0	-0.7	45.6	11.31	42.9	10.89	40.4	10.58	39.1	10.30	37.8	10.00	35.1	9.48
	3.0	2.2	45.6	10.60	42.9	10.23	40.4	9.95	39.1	9.65	37.8	9.37	35.1	8.86
	5.0	4.1	45.6	10.13	42.9	9.79	40.4	9.53	39.1	9.22	37.8	8.95	35.1	8.45
	7.0	6.0	45.6	9.65	42.9	9.35	40.4	9.10	39.1	8.79	37.8	8.53	35.1	8.04
	9.0	7.9	45.6	9.20	42.9	8.92	40.4	8.68	39.1	8.38	37.8	8.13	35.1	7.67
	11.0	9.8	45.6	8.75	42.9	8.48	40.4	8.25	39.1	7.97	37.8	7.74	35.1	7.29
	13.0	11.8	45.6	8.30	42.9	8.05	40.4	7.83	39.1	7.56	37.8	7.34	35.1	6.92
15.0	13.7	45.6	7.85	42.9	7.61	40.4	7.41	39.1	7.15	37.8	6.94	35.1	6.55	
80	-24.8	-25	26.7	11.88	26.7	12.16	26.5	12.36	26.5	12.45	26.5	12.92	26.0	12.38
	-21.8	-22	32.2	12.16	32.2	12.44	32.2	12.64	32.2	12.92	32.2	12.38	31.4	11.86
	-19.8	-20	34.0	12.35	34.0	12.63	34.0	12.92	34.0	12.54	33.7	12.02	31.4	11.51
	-18.8	-19	34.8	12.44	34.8	12.92	34.8	12.73	34.8	12.35	33.7	11.84	31.4	11.33
	-16.7	-17	36.1	12.92	36.1	12.52	36.1	12.32	35.0	11.94	33.7	11.46	31.4	10.97
	-13.7	-15	37.7	12.32	37.0	11.94	36.1	11.74	35.0	11.37	33.7	10.91	31.4	10.45
	-11.8	-13	38.7	11.95	37.5	11.58	36.1	11.37	35.0	11.01	33.7	10.57	31.4	10.12
	-9.8	-11	39.7	11.55	38.1	11.20	36.1	10.99	35.0	10.63	33.7	10.21	31.4	9.77
	-9.5	-10	40.0	11.49	38.3	11.14	36.1	10.93	35.0	10.57	33.7	10.16	31.4	9.72
	-8.5	-9.1	40.4	11.29	38.4	10.95	36.1	10.74	35.0	10.38	33.7	9.98	31.4	9.55
	-7.0	-7.6	40.8	10.99	38.4	10.66	36.1	10.45	35.0	10.09	33.7	9.71	31.4	9.29
	-5.0	-5.6	40.8	10.60	38.4	10.28	36.1	10.06	35.0	9.71	33.7	9.34	31.4	8.94
	-3.0	-3.7	40.8	10.20	38.4	9.89	36.1	9.68	35.0	9.33	33.7	8.98	31.4	8.59
	0.0	-0.7	40.8	9.61	38.4	9.32	36.1	9.10	35.0	8.76	33.7	8.44	31.4	8.07
	3.0	2.2	40.8	9.01	38.4	8.75	36.1	8.52	35.0	8.19	33.7	7.90	31.4	7.55
	5.0	4.1	40.8	8.62	38.4	8.36	36.1	8.13	35.0	7.80	33.7	7.54	31.4	7.20
	7.0	6.0	40.8	8.22	38.4	7.98	36.1	7.74	35.0	7.42	33.7	7.18	31.4	6.85
	9.0	7.9	40.8	7.72	38.4	7.49	36.1	7.27	35.0	6.97	33.7	6.74	31.4	6.44
	11.0	9.8	40.8	7.16	38.4	6.95	36.1	6.75	35.0	6.47	33.7	6.26	31.4	5.97
	13.0	11.8	40.8	6.69	38.4	6.49	36.1	6.30	35.0	6.04	33.7	5.84	31.4	5.58
15.0	13.7	40.8	6.29	38.4	6.11	36.1	5.93	35.0	5.68	33.7	5.50	31.4	5.25	

7. Capacity Tables

Heating Capacity (14HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	26.7	12.06	26.7	12.15	26.5	12.34	26.5	12.62	26.5	12.02	26.5	11.47
	-21.8	-22	30.9	12.34	30.9	12.43	30.7	12.62	29.7	12.02	28.8	11.47	26.9	10.93
	-19.8	-20	33.8	12.52	32.7	12.62	30.7	12.20	29.7	11.63	28.8	11.10	26.9	10.57
	-18.8	-19	34.6	12.62	32.7	12.40	30.7	11.99	29.7	11.43	28.8	10.91	26.9	10.40
	-16.7	-17	34.6	12.17	32.7	11.95	30.7	11.56	29.7	11.02	28.8	10.53	26.9	10.02
	-13.7	-15	34.6	11.54	32.7	11.31	30.7	10.93	29.7	10.42	28.8	9.97	26.9	9.48
	-11.8	-13	34.6	11.13	32.7	10.90	30.7	10.54	29.7	10.05	28.8	9.62	26.9	9.14
	-9.8	-11	34.6	10.71	32.7	10.47	30.7	10.13	29.7	9.66	28.8	9.25	26.9	8.79
	-9.5	-10	34.6	10.65	32.7	10.41	30.7	10.06	29.7	9.60	28.8	9.20	26.9	8.73
	-8.5	-9.1	34.6	10.44	32.7	10.19	30.7	9.86	29.7	9.40	28.8	9.01	26.9	8.55
	-7.0	-7.6	34.6	10.12	32.7	9.87	30.7	9.54	29.7	9.10	28.8	8.73	26.9	8.28
	-5.0	-5.6	34.6	9.70	32.7	9.44	30.7	9.13	29.7	8.71	28.8	8.36	26.9	7.93
	-3.0	-3.7	34.6	9.27	32.7	9.01	30.7	8.71	29.7	8.31	28.8	8.00	26.9	7.57
	0.0	-0.7	34.6	8.64	32.7	8.37	30.7	8.09	29.7	7.72	28.8	7.44	26.9	7.03
	3.0	2.2	34.6	8.00	32.7	7.73	30.7	7.47	29.7	7.13	28.8	6.89	26.9	6.50
	5.0	4.1	34.6	7.58	32.7	7.30	30.7	7.05	29.7	6.73	28.8	6.52	26.9	6.14
	7.0	6.0	34.6	7.16	32.7	6.87	30.7	6.64	29.7	6.34	28.8	6.15	26.9	5.78
	9.0	7.9	34.6	6.46	32.7	6.20	30.7	6.00	29.7	5.72	28.8	5.55	26.9	5.22
	11.0	9.8	34.6	6.02	32.7	5.78	30.7	5.58	29.7	5.33	28.8	5.17	26.9	4.86
	13.0	11.8	34.6	5.63	32.7	5.40	30.7	5.22	29.7	4.99	28.8	4.84	26.9	4.55
15.0	13.7	34.6	5.31	32.7	5.09	30.7	4.92	29.7	4.70	28.8	4.56	26.9	4.29	
60	-24.8	-25	26.5	11.87	26.5	12.06	26.3	12.34	25.5	11.71	24.6	11.12	23.0	10.56
	-21.8	-22	28.4	12.15	28.1	12.34	26.3	11.71	25.5	11.12	24.6	10.56	23.0	10.02
	-19.8	-20	29.7	12.34	28.1	11.89	26.3	11.29	25.5	10.72	24.6	10.19	23.0	9.66
	-18.8	-19	29.7	12.11	28.1	11.67	26.3	11.08	25.5	10.53	24.6	10.01	23.0	9.49
	-16.7	-17	29.7	11.64	28.1	11.20	26.3	10.64	25.5	10.11	24.6	9.62	23.0	9.11
	-13.7	-15	29.7	10.97	28.1	10.54	26.3	10.01	25.5	9.52	24.6	9.06	23.0	8.57
	-11.8	-13	29.7	10.55	28.1	10.12	26.3	9.61	25.5	9.15	24.6	8.71	23.0	8.23
	-9.8	-11	29.7	10.10	28.1	9.67	26.3	9.19	25.5	8.76	24.6	8.34	23.0	7.87
	-9.5	-10	29.7	10.04	28.1	9.61	26.3	9.13	25.5	8.70	24.6	8.28	23.0	7.82
	-8.5	-9.1	29.7	9.81	28.1	9.39	26.3	8.92	25.5	8.50	24.6	8.10	23.0	7.64
	-7.0	-7.6	29.7	9.48	28.1	9.05	26.3	8.60	25.5	8.20	24.6	7.82	23.0	7.37
	-5.0	-5.6	29.7	9.03	28.1	8.61	26.3	8.19	25.5	7.81	24.6	7.45	23.0	7.01
	-3.0	-3.7	29.7	8.58	28.1	8.17	26.3	7.77	25.5	7.42	24.6	7.08	23.0	6.65
	0.0	-0.7	29.7	7.91	28.1	7.50	26.3	7.14	25.5	6.83	24.6	6.52	23.0	6.12
	3.0	2.2	29.7	7.24	28.1	6.83	26.3	6.51	25.5	6.24	24.6	5.97	23.0	5.58
	5.0	4.1	29.7	6.80	28.1	6.39	26.3	6.09	25.5	5.84	24.6	5.60	23.0	5.22
	7.0	6.0	29.7	6.35	28.1	5.95	26.3	5.67	25.5	5.45	24.6	5.23	23.0	4.86
	9.0	7.9	29.7	5.66	28.1	5.31	26.3	5.06	25.5	4.86	24.6	4.66	23.0	4.34
	11.0	9.8	29.7	5.29	28.1	4.95	26.3	4.72	25.5	4.54	24.6	4.35	23.0	4.05
	13.0	11.8	29.7	4.95	28.1	4.64	26.3	4.42	25.5	4.25	24.6	4.08	23.0	3.79
15.0	13.7	29.7	4.68	28.1	4.39	26.3	4.18	25.5	4.02	24.6	3.86	23.0	3.58	
50	-24.8	-25	24.8	10.44	23.4	10.72	21.9	10.16	21.2	9.64	20.5	9.15	19.1	8.68
	-21.8	-22	24.8	10.72	23.4	10.16	21.9	9.64	21.2	9.15	20.5	8.68	19.1	8.24
	-19.8	-20	24.8	10.33	23.4	9.79	21.9	9.29	21.2	8.82	20.5	8.38	19.1	7.94
	-18.8	-19	24.8	10.14	23.4	9.61	21.9	9.12	21.2	8.65	20.5	8.22	19.1	7.79
	-16.7	-17	24.8	9.73	23.4	9.21	21.9	8.75	21.2	8.30	20.5	7.90	19.1	7.48
	-13.7	-15	24.8	9.15	23.4	8.65	21.9	8.23	21.2	7.81	20.5	7.44	19.1	7.04
	-11.8	-13	24.8	8.78	23.4	8.30	21.9	7.90	21.2	7.49	20.5	7.15	19.1	6.76
	-9.8	-11	24.8	8.39	23.4	7.93	21.9	7.55	21.2	7.16	20.5	6.84	19.1	6.46
	-9.5	-10	24.8	8.33	23.4	7.87	21.9	7.50	21.2	7.11	20.5	6.79	19.1	6.41
	-8.5	-9.1	24.8	8.14	23.4	7.69	21.9	7.32	21.2	6.95	20.5	6.64	19.1	6.27
	-7.0	-7.6	24.8	7.84	23.4	7.41	21.9	7.06	21.2	6.70	20.5	6.41	19.1	6.04
	-5.0	-5.6	24.8	7.46	23.4	7.03	21.9	6.71	21.2	6.37	20.5	6.10	19.1	5.75
	-3.0	-3.7	24.8	7.07	23.4	6.66	21.9	6.36	21.2	6.04	20.5	5.79	19.1	5.45
	0.0	-0.7	24.8	6.48	23.4	6.10	21.9	5.84	21.2	5.54	20.5	5.33	19.1	5.01
	3.0	2.2	24.8	5.90	23.4	5.54	21.9	5.32	21.2	5.05	20.5	4.87	19.1	4.56
	5.0	4.1	24.8	5.51	23.4	5.17	21.9	4.97	21.2	4.72	20.5	4.56	19.1	4.26
	7.0	6.0	24.8	5.12	23.4	4.80	21.9	4.62	21.2	4.39	20.5	4.25	19.1	3.97
	9.0	7.9	24.8	4.62	23.4	4.33	21.9	4.17	21.2	3.96	20.5	3.84	19.1	3.58
	11.0	9.8	24.8	4.33	23.4	4.05	21.9	3.90	21.2	3.71	20.5	3.59	19.1	3.35
	13.0	11.8	24.8	4.06	23.4	3.80	21.9	3.66	21.2	3.48	20.5	3.37	19.1	3.15
15.0	13.7	24.8	3.84	23.4	3.60	21.9	3.47	21.2	3.29	20.5	3.19	19.1	2.98	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM160BTE5

Heating Capacity (16HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	28.7	14.62	28.7	14.90	28.5	15.13	28.5	15.50	28.5	15.84	28.5	16.39
	-21.8	-22	35.2	15.17	35.2	15.44	35.0	15.68	35.0	16.04	35.0	16.39	35.0	16.93
	-19.8	-20	37.3	15.53	37.3	15.80	37.1	16.04	37.1	16.40	37.1	16.75	37.1	17.29
	-18.8	-19	38.3	15.71	38.3	15.99	38.1	16.22	38.1	16.58	38.1	16.93	38.1	17.47
	-16.7	-17	40.3	16.09	40.3	16.37	40.1	16.60	40.1	16.97	40.1	17.31	40.1	17.85
	-13.7	-15	43.2	16.64	43.2	16.91	42.9	17.15	42.9	17.51	42.9	17.85	42.9	17.25
	-11.8	-13	44.7	16.98	44.7	17.26	44.4	17.49	44.4	17.85	44.4	17.45	44.4	16.87
	-9.8	-11	46.3	17.35	46.3	17.62	46.0	17.85	46.0	17.43	46.0	17.03	46.0	16.47
	-9.5	-10	46.8	17.40	46.8	17.67	46.5	17.79	46.5	17.37	46.2	16.97	46.2	16.41
	-8.5	-9.1	48.7	17.58	48.7	17.85	48.4	17.58	48.4	17.16	47.0	16.76	47.0	16.20
	-7.0	-7.6	51.6	17.85	51.6	17.55	51.2	17.27	51.2	16.85	51.2	16.44	49.4	15.90
	-5.0	-5.6	55.4	17.48	55.4	17.15	55.0	16.85	55.0	16.43	55.0	16.02	51.3	15.50
	-3.0	-3.7	59.2	17.11	59.2	16.75	58.8	16.42	58.8	16.01	58.8	15.60	53.2	15.10
	0.0	-0.7	64.9	16.55	64.9	16.15	64.4	15.79	63.3	15.37	61.1	14.97	56.1	14.49
	3.0	2.2	65.1	15.99	65.1	15.55	64.9	15.16	63.3	14.74	61.1	14.33	56.9	13.89
	5.0	4.1	65.1	15.61	65.1	15.15	64.9	14.74	63.3	14.32	61.1	13.91	56.9	13.49
	7.0	6.0	65.1	15.24	65.1	14.75	64.9	14.32	63.3	13.90	61.1	13.49	56.9	13.09
	9.0	7.9	65.1	14.94	65.1	14.46	64.9	14.04	63.3	13.63	61.1	13.23	56.9	12.83
	11.0	9.8	65.1	14.78	65.1	14.30	64.9	13.88	63.3	13.48	61.1	13.08	56.9	12.69
	13.0	11.8	65.1	14.59	65.1	14.12	64.9	13.71	63.3	13.31	61.1	12.92	56.9	12.53
15.0	13.7	65.1	14.39	65.1	13.93	64.9	13.52	63.3	13.13	61.1	12.74	56.9	12.36	
120	-24.8	-25	28.5	14.90	28.5	15.13	28.3	15.50	28.3	15.84	28.3	16.39	28.3	16.77
	-21.8	-22	35.0	15.44	35.0	15.68	34.8	16.04	34.8	16.39	34.8	16.93	34.8	17.31
	-19.8	-20	37.1	15.80	37.1	16.04	36.8	16.40	36.8	16.75	36.8	17.29	36.8	17.67
	-18.8	-19	38.0	15.99	38.0	16.22	37.8	16.58	37.8	16.93	37.8	17.47	37.8	17.85
	-16.7	-17	40.0	16.37	40.0	16.60	39.8	16.97	39.8	17.31	39.8	17.85	39.8	17.47
	-13.7	-15	42.9	16.91	42.9	17.15	42.6	17.51	42.6	17.85	42.6	17.28	42.6	16.91
	-11.8	-13	44.4	17.26	44.4	17.49	44.1	17.85	44.1	17.45	44.1	16.92	44.1	16.56
	-9.8	-11	45.9	17.62	45.9	17.85	45.6	17.41	45.6	17.02	45.6	16.53	45.6	16.19
	-9.5	-10	46.5	17.67	46.5	17.79	46.2	17.35	46.2	16.96	46.2	16.48	46.2	16.13
	-8.5	-9.1	48.4	17.85	48.4	17.56	48.1	17.13	48.1	16.75	47.6	16.29	47.6	15.95
	-7.0	-7.6	51.2	17.52	51.2	17.21	50.9	16.80	50.9	16.43	49.0	16.00	49.0	15.67
	-5.0	-5.6	55.0	17.07	55.0	16.75	54.6	16.36	54.6	16.00	54.6	15.62	50.9	15.30
	-3.0	-3.7	58.7	16.62	58.7	16.29	58.4	15.91	58.4	15.58	57.5	15.23	52.8	14.93
	0.0	-0.7	64.4	15.95	63.9	15.60	61.4	15.25	59.4	14.94	57.5	14.66	53.4	14.38
	3.0	2.2	64.6	15.27	63.9	14.91	61.4	14.59	59.4	14.30	57.5	14.08	53.4	13.82
	5.0	4.1	64.6	14.82	63.9	14.44	61.4	14.15	59.4	13.87	57.5	13.70	53.4	13.45
	7.0	6.0	64.6	14.37	63.9	13.98	61.4	13.71	59.4	13.45	57.5	13.32	53.4	13.08
	9.0	7.9	64.6	14.05	63.9	13.67	61.4	13.40	59.4	13.14	57.5	13.02	53.4	12.79
	11.0	9.8	64.6	13.85	63.9	13.48	61.4	13.21	59.4	12.96	57.5	12.84	53.4	12.61
	13.0	11.8	64.6	13.64	63.9	13.27	61.4	13.00	59.4	12.76	57.5	12.64	53.4	12.41
15.0	13.7	64.6	13.40	63.9	13.04	61.4	12.78	59.4	12.54	57.5	12.42	53.4	12.20	
110	-24.8	-25	28.3	15.13	28.3	15.50	28.2	15.84	28.2	16.39	28.2	16.77	28.2	16.95
	-21.8	-22	34.8	15.68	34.8	16.04	34.6	16.39	34.6	16.93	34.6	17.31	34.6	17.49
	-19.8	-20	36.9	16.04	36.9	16.40	36.6	16.75	36.6	17.29	36.6	17.67	36.6	17.85
	-18.8	-19	37.8	16.22	37.8	16.58	37.6	16.93	37.6	17.47	37.6	17.85	37.6	17.64
	-16.7	-17	39.8	16.60	39.8	16.97	39.6	17.31	39.6	17.85	39.6	17.43	39.6	17.20
	-13.7	-15	42.7	17.15	42.7	17.51	42.4	17.85	42.4	17.21	42.4	16.82	42.4	16.57
	-11.8	-13	44.1	17.49	44.1	17.85	43.9	17.40	43.9	16.81	43.9	16.43	43.9	16.17
	-9.8	-11	45.7	17.85	45.7	17.35	45.4	16.93	45.4	16.38	45.4	16.03	45.4	15.75
	-9.5	-10	46.2	17.77	46.2	17.27	46.0	16.86	46.0	16.31	46.0	15.97	46.0	15.69
	-8.5	-9.1	48.1	17.50	48.1	17.02	47.8	16.62	47.8	16.10	47.5	15.76	47.5	15.48
	-7.0	-7.6	50.9	17.09	50.9	16.64	50.6	16.26	50.6	15.78	49.1	15.46	48.1	15.17
	-5.0	-5.6	54.7	16.55	54.7	16.13	54.3	15.79	53.3	15.35	50.6	15.05	48.1	14.75
	-3.0	-3.7	58.4	16.00	58.4	15.62	55.1	15.31	53.3	14.92	51.5	14.65	48.1	14.33
	0.0	-0.7	62.1	15.19	58.7	14.86	55.1	14.60	53.3	14.28	51.5	14.04	48.1	13.70
	3.0	2.2	62.1	14.37	58.7	14.10	55.1	13.89	53.3	13.64	51.5	13.43	48.1	13.07
	5.0	4.1	62.1	13.83	58.7	13.59	55.1	13.41	53.3	13.21	51.5	13.02	48.1	12.65
	7.0	6.0	62.1	13.28	58.7	13.08	55.1	12.94	53.3	12.78	51.5	12.62	48.1	12.23
	9.0	7.9	62.1	12.92	58.7	12.73	55.1	12.59	53.3	12.43	51.5	12.27	48.1	11.90
	11.0	9.8	62.1	12.68	58.7	12.49	55.1	12.35	53.3	12.20	51.5	12.04	48.1	11.67
	13.0	11.8	62.1	12.41	58.7	12.23	55.1	12.09	53.3	11.94	51.5	11.79	48.1	11.42
15.0	13.7	62.1	12.13	58.7	11.94	55.1	11.81	53.3	11.67	51.5	11.52	48.1	11.16	

7. Capacity Tables

Heating Capacity (16HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	28.2	16.68	28.2	16.84	28.0	16.41	28.0	17.22	28.0	17.39	28.0	17.46
	-21.8	-22	34.6	16.92	34.6	17.07	34.4	16.93	34.4	17.46	34.4	17.84	34.4	17.70
	-19.8	-20	36.7	17.07	36.7	17.23	36.5	17.27	36.5	17.61	36.5	17.85	36.5	17.85
	-18.8	-19	37.7	17.15	37.4	17.31	37.4	17.46	37.4	17.69	37.4	17.85	37.4	17.59
	-16.7	-17	39.4	17.31	39.4	17.47	39.4	17.84	39.2	17.85	39.2	17.31	39.2	17.04
	-13.7	-15	42.5	17.55	42.5	17.71	42.2	17.85	42.2	17.08	42.2	16.54	42.2	16.24
	-11.8	-13	43.9	17.70	43.7	17.85	43.7	17.34	43.7	16.58	43.7	16.05	43.7	15.74
	-9.8	-11	45.4	17.85	45.4	17.28	45.2	16.80	45.2	16.07	45.2	15.53	43.9	15.21
	-9.5	-10	46.0	17.77	46.0	17.19	45.8	16.72	45.8	15.99	45.8	15.46	43.9	15.13
	-8.5	-9.1	47.8	17.47	47.8	16.91	47.6	16.44	48.8	15.73	47.2	15.20	43.9	14.87
	-7.0	-7.6	51.5	17.02	51.3	16.48	50.4	16.04	48.8	15.34	47.2	14.81	43.9	14.47
	-5.0	-5.6	53.8	16.43	53.2	15.90	50.4	15.49	48.8	14.82	47.2	14.30	43.9	13.95
	-3.0	-3.7	55.3	15.83	53.6	15.33	50.4	14.95	48.8	14.30	47.2	13.78	43.9	13.42
	0.0	-0.7	56.9	14.94	53.6	14.47	50.4	14.14	48.8	13.52	47.2	13.01	43.9	12.62
	3.0	2.2	56.9	14.05	53.6	13.61	50.4	13.32	48.8	12.75	47.2	12.23	43.9	11.83
	5.0	4.1	56.9	13.46	53.6	13.03	50.4	12.78	48.8	12.23	47.2	11.72	43.9	11.30
	7.0	6.0	56.9	12.86	53.6	12.46	50.4	12.24	48.8	11.71	47.2	11.20	43.9	10.78
	9.0	7.9	56.9	12.39	53.6	12.00	50.4	11.79	48.8	11.28	47.2	10.80	43.9	10.38
	11.0	9.8	56.9	12.03	53.6	11.65	50.4	11.45	48.8	10.95	47.2	10.48	43.9	10.08
	13.0	11.8	56.9	11.64	53.6	11.27	50.4	11.08	48.8	10.60	47.2	10.14	43.9	9.75
15.0	13.7	56.9	11.23	53.6	10.87	50.4	10.69	48.8	10.22	47.2	9.78	43.9	9.41	
90	-24.8	-25	28.1	14.90	28.1	15.44	27.9	15.82	27.9	16.00	27.9	16.37	27.9	16.91
	-21.8	-22	34.5	15.44	34.5	15.99	34.3	16.37	34.3	16.55	34.3	16.91	34.3	16.24
	-19.8	-20	36.6	15.80	36.6	16.35	36.3	16.73	36.3	16.91	36.3	16.46	36.3	15.79
	-18.8	-19	37.7	15.99	37.4	16.53	37.3	16.91	37.3	16.68	37.3	16.23	37.3	15.57
	-16.7	-17	39.4	16.37	39.4	16.91	39.2	16.44	39.2	16.19	39.2	15.76	39.2	15.10
	-13.7	-15	42.5	16.91	42.5	16.21	42.1	15.76	42.1	15.50	42.1	15.08	40.2	14.43
	-11.8	-13	43.9	16.44	43.7	15.77	43.5	15.33	43.5	15.06	43.2	14.65	40.2	14.00
	-9.8	-11	45.4	15.94	45.4	15.30	45.0	14.88	44.7	14.60	43.2	14.19	40.2	13.55
	-9.5	-10	46.0	15.86	46.0	15.23	45.6	14.81	44.7	14.53	43.2	14.13	40.2	13.49
	-8.5	-9.1	47.8	15.61	47.5	15.00	46.1	14.58	44.7	14.29	43.2	13.90	40.2	13.26
	-7.0	-7.6	51.5	15.24	49.0	14.65	46.1	14.25	44.7	13.95	43.2	13.56	40.2	12.93
	-5.0	-5.6	52.1	14.74	49.0	14.19	46.1	13.79	44.7	13.48	43.2	13.11	40.2	12.48
	-3.0	-3.7	52.1	14.24	49.0	13.72	46.1	13.34	44.7	13.02	43.2	12.65	40.2	12.03
	0.0	-0.7	52.1	13.50	49.0	13.02	46.1	12.67	44.7	12.33	43.2	11.97	40.2	11.36
	3.0	2.2	52.1	12.75	49.0	12.32	46.1	11.99	44.7	11.63	43.2	11.29	40.2	10.69
	5.0	4.1	52.1	12.25	49.0	11.86	46.1	11.54	44.7	11.17	43.2	10.84	40.2	10.24
	7.0	6.0	52.1	11.75	49.0	11.39	46.1	11.08	44.7	10.71	43.2	10.39	40.2	9.80
	9.0	7.9	52.1	11.27	49.0	10.93	46.1	10.63	44.7	10.27	43.2	9.97	40.2	9.40
	11.0	9.8	52.1	10.80	49.0	10.46	46.1	10.18	44.7	9.83	43.2	9.54	40.2	9.00
	13.0	11.8	52.1	10.32	49.0	10.00	46.1	9.73	44.7	9.40	43.2	9.12	40.2	8.60
15.0	13.7	52.1	9.84	49.0	9.53	46.1	9.28	44.7	8.96	43.2	8.70	40.2	8.20	
80	-24.8	-25	28.0	12.98	28.0	13.53	27.8	13.91	27.8	14.09	27.8	14.99	27.8	14.41
	-21.8	-22	34.1	13.53	34.1	14.07	34.1	14.45	34.1	14.99	34.1	14.41	34.1	13.83
	-19.8	-20	36.2	13.89	36.2	14.43	36.2	14.99	36.2	14.58	36.2	14.01	35.9	13.45
	-18.8	-19	37.1	14.07	37.1	14.99	37.1	14.79	37.1	14.37	37.1	13.82	35.9	13.26
	-16.7	-17	39.2	14.99	39.2	14.57	39.2	14.35	39.2	13.94	38.6	13.40	35.9	12.86
	-13.7	-15	43.1	14.36	42.3	13.95	41.3	13.73	40.0	13.32	38.6	12.81	35.9	12.29
	-11.8	-13	44.2	13.96	42.9	13.56	41.3	13.33	40.0	12.93	38.6	12.44	35.9	11.93
	-9.8	-11	45.0	13.54	43.3	13.15	41.3	12.92	40.0	12.51	38.6	12.05	35.9	11.55
	-9.5	-10	45.3	13.48	43.6	13.09	41.3	12.86	40.0	12.45	38.6	11.99	35.9	11.49
	-8.5	-9.1	45.9	13.27	43.9	12.89	41.3	12.65	40.0	12.24	38.6	11.79	35.9	11.30
	-7.0	-7.6	46.6	12.95	43.9	12.58	41.3	12.34	40.0	11.93	38.6	11.50	35.9	11.01
	-5.0	-5.6	46.6	12.53	43.9	12.17	41.3	11.92	40.0	11.52	38.6	11.10	35.9	10.63
	-3.0	-3.7	46.6	12.11	43.9	11.76	41.3	11.51	40.0	11.11	38.6	10.71	35.9	10.25
	0.0	-0.7	46.6	11.48	43.9	11.15	41.3	10.89	40.0	10.49	38.6	10.12	35.9	9.68
	3.0	2.2	46.6	10.85	43.9	10.54	41.3	10.26	40.0	9.87	38.6	9.53	35.9	9.11
	5.0	4.1	46.6	10.43	43.9	10.13	41.3	9.85	40.0	9.45	38.6	9.14	35.9	8.73
	7.0	6.0	46.6	10.01	43.9	9.72	41.3	9.43	40.0	9.04	38.6	8.74	35.9	8.35
	9.0	7.9	46.6	9.40	43.9	9.13	41.3	8.86	40.0	8.49	38.6	8.21	35.9	7.84
	11.0	9.8	46.6	8.72	43.9	8.47	41.3	8.22	40.0	7.88	38.6	7.62	35.9	7.27
	13.0	11.8	46.6	8.14	43.9	7.91	41.3	7.67	40.0	7.35	38.6	7.11	35.9	6.79
15.0	13.7	46.6	7.67	43.9	7.44	41.3	7.22	40.0	6.92	38.6	6.70	35.9	6.39	

7. Capacity Tables

Heating Capacity (16HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	28.0	13.36	28.0	13.54	27.8	13.91	27.8	14.45	27.8	13.82	27.8	13.22
	-21.8	-22	34.1	13.91	34.4	14.09	34.1	14.45	33.9	13.82	32.9	13.22	30.7	12.64
	-19.8	-20	36.2	14.27	36.2	14.45	35.1	14.01	33.9	13.39	32.9	12.82	30.7	12.25
	-18.8	-19	37.1	14.45	37.1	14.22	35.1	13.79	33.9	13.18	32.9	12.62	30.7	12.05
	-16.7	-17	39.2	13.98	37.3	13.75	35.1	13.32	33.9	12.74	32.9	12.20	30.7	11.64
	-13.7	-15	39.5	13.32	37.3	13.07	35.1	12.66	33.9	12.10	32.9	11.61	30.7	11.06
	-11.8	-13	39.5	12.89	37.3	12.63	35.1	12.24	33.9	11.70	32.9	11.23	30.7	10.69
	-9.8	-11	39.5	12.45	37.3	12.18	35.1	11.80	33.9	11.28	32.9	10.83	30.7	10.30
	-9.5	-10	39.5	12.38	37.3	12.11	35.1	11.73	33.9	11.21	32.9	10.77	30.7	10.25
	-8.5	-9.1	39.5	12.16	37.3	11.89	35.1	11.51	33.9	11.00	32.9	10.57	30.7	10.05
	-7.0	-7.6	39.5	11.83	37.3	11.54	35.1	11.18	33.9	10.68	32.9	10.27	30.7	9.76
	-5.0	-5.6	39.5	11.38	37.3	11.09	35.1	10.74	33.9	10.26	32.9	9.88	30.7	9.37
	-3.0	-3.7	39.5	10.94	37.3	10.64	35.1	10.30	33.9	9.84	32.9	9.48	30.7	8.98
	0.0	-0.7	39.5	10.27	37.3	9.96	35.1	9.63	33.9	9.20	32.9	8.88	30.7	8.40
	3.0	2.2	39.5	9.61	37.3	9.27	35.1	8.97	33.9	8.57	32.9	8.28	30.7	7.82
	5.0	4.1	39.5	9.16	37.3	8.82	35.1	8.53	33.9	8.14	32.9	7.89	30.7	7.43
	7.0	6.0	39.5	8.72	37.3	8.37	35.1	8.09	33.9	7.72	32.9	7.49	30.7	7.04
	9.0	7.9	39.5	8.27	37.3	7.92	35.1	7.75	33.9	7.37	32.9	7.14	30.7	6.65
	11.0	9.8	39.5	7.83	37.3	7.47	35.1	7.30	33.9	6.92	32.9	6.76	30.7	6.26
	13.0	11.8	39.5	7.38	37.3	7.02	35.1	6.83	33.9	6.49	32.9	6.30	30.7	5.87
15.0	13.7	39.5	6.94	37.3	6.57	35.1	6.34	33.9	6.00	32.9	5.83	30.7	5.48	
60	-24.8	-25	28.0	13.00	28.0	13.36	27.8	13.91	27.8	13.25	27.8	12.62	26.3	12.03
	-21.8	-22	31.5	13.54	32.1	13.91	30.1	13.25	29.1	12.62	28.1	12.03	26.3	11.46
	-19.8	-20	33.9	13.91	32.1	13.44	30.1	12.81	29.1	12.21	28.1	11.64	26.3	11.07
	-18.8	-19	33.9	13.68	32.1	13.21	30.1	12.59	29.1	12.00	28.1	11.44	26.3	10.88
	-16.7	-17	33.9	13.19	32.1	12.73	30.1	12.12	29.1	11.56	28.1	11.03	26.3	10.48
	-13.7	-15	33.9	12.50	32.1	12.03	30.1	11.46	29.1	10.94	28.1	10.44	26.3	9.90
	-11.8	-13	33.9	12.06	32.1	11.59	30.1	11.04	29.1	10.54	28.1	10.06	26.3	9.53
	-9.8	-11	33.9	11.60	32.1	11.13	30.1	10.60	29.1	10.13	28.1	9.67	26.3	9.15
	-9.5	-10	33.9	11.53	32.1	11.06	30.1	10.54	29.1	10.07	28.1	9.61	26.3	9.09
	-8.5	-9.1	33.9	11.30	32.1	10.83	30.1	10.32	29.1	9.86	28.1	9.42	26.3	8.90
	-7.0	-7.6	33.9	10.96	32.1	10.48	30.1	9.99	29.1	9.55	28.1	9.12	26.3	8.61
	-5.0	-5.6	33.9	10.50	32.1	10.02	30.1	9.55	29.1	9.13	28.1	8.73	26.3	8.23
	-3.0	-3.7	33.9	10.04	32.1	9.56	30.1	9.11	29.1	8.71	28.1	8.33	26.3	7.84
	0.0	-0.7	33.9	9.34	32.1	8.86	30.1	8.45	29.1	8.09	28.1	7.74	26.3	7.27
	3.0	2.2	33.9	8.65	32.1	8.17	30.1	7.79	29.1	7.47	28.1	7.15	26.3	6.69
	5.0	4.1	33.9	8.19	32.1	7.71	30.1	7.35	29.1	7.05	28.1	6.76	26.3	6.30
	7.0	6.0	33.9	7.73	32.1	7.24	30.1	6.91	29.1	6.64	28.1	6.37	26.3	5.92
	9.0	7.9	33.9	6.90	32.1	6.46	30.1	6.16	29.1	5.92	28.1	5.68	26.3	5.28
	11.0	9.8	33.9	6.44	32.1	6.03	30.1	5.75	29.1	5.53	28.1	5.30	26.3	4.93
	13.0	11.8	33.9	6.03	32.1	5.65	30.1	5.39	29.1	5.18	28.1	4.97	26.3	4.62
15.0	13.7	33.9	5.70	32.1	5.34	30.1	5.09	29.1	4.89	28.1	4.70	26.3	4.37	
50	-24.8	-25	28.3	11.90	26.7	12.45	25.1	11.82	24.3	11.24	23.5	10.68	21.9	10.16
	-21.8	-22	28.3	12.45	26.7	11.82	25.1	11.24	24.3	10.68	23.5	10.16	21.9	9.66
	-19.8	-20	28.3	12.02	26.7	11.41	25.1	10.85	24.3	10.31	23.5	9.82	21.9	9.33
	-18.8	-19	28.3	11.80	26.7	11.20	25.1	10.65	24.3	10.13	23.5	9.64	21.9	9.16
	-16.7	-17	28.3	11.35	26.7	10.76	25.1	10.25	24.3	9.74	23.5	9.28	21.9	8.81
	-13.7	-15	28.3	10.70	26.7	10.14	25.1	9.66	24.3	9.18	23.5	8.76	21.9	8.30
	-11.8	-13	28.3	10.29	26.7	9.75	25.1	9.29	24.3	8.83	23.5	8.43	21.9	7.98
	-9.8	-11	28.3	9.86	26.7	9.33	25.1	8.90	24.3	8.46	23.5	8.09	21.9	7.65
	-9.5	-10	28.3	9.80	26.7	9.27	25.1	8.84	24.3	8.40	23.5	8.03	21.9	7.60
	-8.5	-9.1	28.3	9.58	26.7	9.06	25.1	8.65	24.3	8.22	23.5	7.86	21.9	7.43
	-7.0	-7.6	28.3	9.26	26.7	8.75	25.1	8.35	24.3	7.94	23.5	7.60	21.9	7.18
	-5.0	-5.6	28.3	8.83	26.7	8.33	25.1	7.96	24.3	7.57	23.5	7.26	21.9	6.84
	-3.0	-3.7	28.3	8.39	26.7	7.92	25.1	7.57	24.3	7.20	23.5	6.91	21.9	6.51
	0.0	-0.7	28.3	7.75	26.7	7.29	25.1	6.99	24.3	6.64	23.5	6.39	21.9	6.00
	3.0	2.2	28.3	7.10	26.7	6.67	25.1	6.40	24.3	6.09	23.5	5.87	21.9	5.50
	5.0	4.1	28.3	6.67	26.7	6.26	25.1	6.01	24.3	5.71	23.5	5.52	21.9	5.17
	7.0	6.0	28.3	6.24	26.7	5.84	25.1	5.63	24.3	5.34	23.5	5.18	21.9	4.83
	9.0	7.9	28.3	5.63	26.7	5.27	25.1	5.08	24.3	4.83	23.5	4.68	21.9	4.36
	11.0	9.8	28.3	5.27	26.7	4.93	25.1	4.75	24.3	4.52	23.5	4.38	21.9	4.08
	13.0	11.8	28.3	4.95	26.7	4.63	25.1	4.46	24.3	4.24	23.5	4.11	21.9	3.83
15.0	13.7	28.3	4.68	26.7	4.38	25.1	4.22	24.3	4.01	23.5	3.89	21.9	3.63	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM180BTE5

Heating Capacity (18HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	37.3	17.36	37.3	17.48	37.0	17.58	37.0	17.73	37.0	17.87	36.3	18.10
	-21.8	-22	44.2	17.59	44.2	17.70	43.9	17.80	43.9	17.95	43.9	18.10	43.1	18.32
	-19.8	-20	46.1	17.74	46.1	17.85	45.8	17.95	45.8	18.10	45.8	18.25	44.9	18.47
	-18.8	-19	47.0	17.82	47.0	17.93	46.7	18.03	46.7	18.18	46.7	18.32	45.8	18.55
	-16.7	-17	48.9	17.98	48.9	18.09	48.5	18.19	48.5	18.34	48.5	18.48	47.6	18.71
	-13.7	-15	51.6	18.20	51.6	18.31	51.2	18.41	51.2	18.56	51.2	18.71	50.3	17.93
	-11.8	-13	53.2	18.34	53.2	18.46	52.9	18.56	52.9	18.71	52.9	18.86	49.4	18.08
	-9.8	-11	55.0	18.50	55.0	18.61	54.7	18.71	54.7	18.86	54.7	19.01	48.5	18.23
	-9.5	-10	55.3	18.52	55.3	18.63	55.0	18.62	55.0	18.77	54.9	18.86	48.5	18.23
	-8.5	-9.1	56.4	18.59	56.4	18.71	56.1	18.82	56.1	18.97	55.8	19.01	47.6	18.38
	-7.0	-7.6	58.0	18.71	58.0	18.82	57.7	18.93	57.7	19.08	57.7	19.23	46.7	18.53
	-5.0	-5.6	60.2	18.13	60.2	17.69	59.8	17.30	59.8	16.78	59.8	16.30	57.9	15.68
	-3.0	-3.7	62.3	17.55	62.3	17.10	61.9	16.71	61.9	16.21	61.9	15.74	59.7	15.17
	0.0	-0.7	65.5	16.68	65.5	16.23	65.1	15.83	65.1	15.36	65.1	14.91	62.3	14.39
	3.0	2.2	68.8	15.81	68.8	15.35	68.3	14.95	68.3	14.51	68.3	14.08	64.0	13.62
	5.0	4.1	70.9	15.23	70.9	14.77	70.5	14.36	70.5	13.94	68.8	13.53	64.0	13.10
	7.0	6.0	73.1	14.66	73.1	14.18	72.6	13.77	71.2	13.37	68.8	12.97	64.0	12.58
	9.0	7.9	73.3	14.17	73.3	13.71	73.1	13.32	71.2	12.93	68.8	12.54	64.0	12.17
	11.0	9.8	73.3	13.81	73.3	13.36	73.1	12.97	71.2	12.60	68.8	12.22	64.0	11.85
	13.0	11.8	73.3	13.42	73.3	12.99	73.1	12.61	71.2	12.24	68.8	11.88	64.0	11.52
15.0	13.7	73.3	13.00	73.3	12.59	73.1	12.22	71.2	11.86	68.8	11.51	64.0	11.17	
120	-24.8	-25	37.0	17.48	37.0	17.58	36.8	17.73	36.8	17.87	36.8	18.10	36.1	18.25
	-21.8	-22	43.9	17.70	43.9	17.80	43.6	17.95	43.6	18.10	43.6	18.32	42.8	18.48
	-19.8	-20	45.7	17.85	45.7	17.95	45.4	18.10	45.4	18.25	45.4	18.47	44.6	18.63
	-18.8	-19	46.6	17.93	46.6	18.03	46.3	18.18	46.3	18.32	46.3	18.55	45.5	18.71
	-16.7	-17	48.5	18.09	48.5	18.19	48.2	18.34	48.2	18.48	48.2	18.71	47.3	18.21
	-13.7	-15	51.2	18.31	51.2	18.41	50.9	18.56	50.9	18.71	50.9	17.96	49.9	17.50
	-11.8	-13	52.9	18.46	52.9	18.56	52.5	18.71	52.5	18.86	52.5	17.49	51.6	17.04
	-9.8	-11	54.6	18.61	54.6	18.71	54.3	18.82	54.3	17.62	54.3	16.99	53.3	16.57
	-9.5	-10	54.9	18.63	54.9	18.61	54.6	18.03	54.6	17.53	54.6	16.91	53.6	16.50
	-8.5	-9.1	56.0	18.71	56.0	18.30	55.7	17.74	55.7	17.26	55.5	16.67	54.5	16.26
	-7.0	-7.6	57.6	18.23	57.6	17.83	57.2	17.30	57.2	16.84	56.8	16.29	55.8	15.90
	-5.0	-5.6	59.7	17.60	59.7	17.20	59.4	16.71	59.4	16.28	59.4	15.79	57.5	15.43
	-3.0	-3.7	61.9	16.97	61.9	16.58	61.5	16.12	61.5	15.72	61.5	15.30	59.3	14.95
	0.0	-0.7	65.1	16.03	65.1	15.64	64.7	15.24	64.7	14.88	64.7	14.55	60.1	14.24
	3.0	2.2	68.3	15.08	68.3	14.70	67.8	14.36	66.8	14.05	64.7	13.80	60.1	13.53
	5.0	4.1	70.4	14.45	70.4	14.07	69.1	13.77	66.8	13.49	64.7	13.31	60.1	13.05
	7.0	6.0	72.5	13.82	71.9	13.45	69.1	13.18	66.8	12.93	64.7	12.81	60.1	12.58
	9.0	7.9	72.7	13.34	71.9	12.98	69.1	12.72	66.8	12.48	64.7	12.36	60.1	12.14
	11.0	9.8	72.7	12.97	71.9	12.62	69.1	12.37	66.8	12.13	64.7	12.02	60.1	11.80
	13.0	11.8	72.7	12.57	71.9	12.23	69.1	11.99	66.8	11.76	64.7	11.65	60.1	11.44
15.0	13.7	72.7	12.15	71.9	11.82	69.1	11.59	66.8	11.37	64.7	11.26	60.1	11.06	
110	-24.8	-25	36.8	17.58	36.8	17.73	36.6	17.87	36.6	18.10	36.6	18.25	35.9	18.33
	-21.8	-22	43.7	17.80	43.7	17.95	43.4	18.10	43.4	18.32	43.4	18.48	42.6	18.56
	-19.8	-20	45.5	17.95	45.5	18.10	45.2	18.25	45.2	18.47	45.2	18.63	44.3	18.71
	-18.8	-19	46.4	18.03	46.4	18.18	46.1	18.32	46.1	18.55	46.1	18.71	45.2	18.45
	-16.7	-17	48.2	18.19	48.2	18.34	47.9	18.48	47.9	18.71	47.9	18.17	47.0	17.90
	-13.7	-15	50.9	18.41	50.9	18.56	50.6	18.71	50.6	17.89	50.6	17.41	50.6	17.12
	-11.8	-13	52.6	18.56	52.6	18.71	52.2	18.86	52.2	17.38	52.2	16.92	52.2	16.63
	-9.8	-11	54.3	18.71	54.3	18.86	54.0	17.53	54.0	16.84	54.0	16.41	53.3	16.11
	-9.5	-10	54.6	18.60	54.6	17.96	54.3	17.44	54.3	16.76	54.3	16.34	54.1	16.04
	-8.5	-9.1	55.7	18.25	55.7	17.63	55.4	17.13	55.4	16.49	55.4	16.08	54.1	15.78
	-7.0	-7.6	57.3	17.72	57.3	17.14	56.9	16.68	56.9	16.08	56.9	15.70	54.1	15.39
	-5.0	-5.6	59.4	17.01	59.4	16.49	59.0	16.07	59.0	15.54	57.9	15.19	54.1	14.87
	-3.0	-3.7	61.5	16.31	61.5	15.84	61.2	15.47	60.0	15.00	57.9	14.68	54.1	14.35
	0.0	-0.7	64.7	15.25	64.7	14.86	62.0	14.56	60.0	14.18	57.9	13.92	54.1	13.57
	3.0	2.2	67.9	14.19	66.1	13.89	62.0	13.65	60.0	13.37	57.9	13.15	54.1	12.79
	5.0	4.1	69.9	13.48	66.1	13.23	62.0	13.05	60.0	12.83	57.9	12.64	54.1	12.28
	7.0	6.0	69.9	12.77	66.1	12.58	62.0	12.44	60.0	12.29	57.9	12.13	54.1	11.76
	9.0	7.9	69.9	12.27	66.1	12.09	62.0	11.95	60.0	11.81	57.9	11.66	54.1	11.30
	11.0	9.8	69.9	11.88	66.1	11.70	62.0	11.57	60.0	11.43	57.9	11.28	54.1	10.93
	13.0	11.8	69.9	11.45	66.1	11.28	62.0	11.16	60.0	11.02	57.9	10.88	54.1	10.54
15.0	13.7	69.9	11.01	66.1	10.84	62.0	10.72	60.0	10.59	57.9	10.45	54.1	10.13	

7. Capacity Tables

Heating Capacity (18HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	36.6	18.26	36.6	18.32	36.4	17.58	36.4	18.47	36.4	18.53	35.7	18.56
	-21.8	-22	43.5	18.35	43.5	18.41	43.2	18.13	43.2	18.56	43.2	18.71	42.4	18.65
	-19.8	-20	45.3	18.41	45.3	18.47	45.0	18.48	45.0	18.62	45.0	18.71	44.2	18.71
	-18.8	-19	46.2	18.44	45.9	18.50	45.9	18.56	45.9	18.64	45.9	18.71	45.0	18.40
	-16.7	-17	47.7	18.50	47.7	18.56	47.7	18.71	47.5	18.71	47.5	18.06	46.6	17.74
	-13.7	-15	50.7	18.59	50.7	18.65	50.4	18.71	50.4	17.76	50.4	17.14	49.4	16.81
	-11.8	-13	52.3	18.65	52.0	18.71	52.0	18.07	52.0	17.17	52.0	16.55	49.4	16.22
	-9.8	-11	54.0	18.71	54.0	17.99	53.8	17.40	53.8	16.54	53.1	15.94	49.4	15.59
	-9.5	-10	54.3	18.59	54.3	17.88	54.1	17.30	54.1	16.44	53.1	15.85	49.4	15.50
	-8.5	-9.1	55.4	18.22	55.4	17.53	55.1	16.96	54.9	16.13	53.1	15.54	49.4	15.19
	-7.0	-7.6	57.9	17.65	57.7	16.99	56.7	16.46	54.9	15.66	53.1	15.08	49.4	14.72
	-5.0	-5.6	60.5	16.90	59.9	16.27	56.7	15.79	54.9	15.03	53.1	14.46	49.4	14.10
	-3.0	-3.7	62.2	16.14	60.3	15.56	56.7	15.12	54.9	14.40	53.1	13.85	49.4	13.48
	0.0	-0.7	64.0	15.01	60.3	14.48	56.7	14.12	54.9	13.46	53.1	12.93	49.4	12.54
	3.0	2.2	64.0	13.88	60.3	13.41	56.7	13.11	54.9	12.52	53.1	12.00	49.4	11.61
	5.0	4.1	64.0	13.12	60.3	12.69	56.7	12.44	54.9	11.89	53.1	11.39	49.4	10.98
	7.0	6.0	64.0	12.37	60.3	11.98	56.7	11.77	54.9	11.26	53.1	10.77	49.4	10.36
	9.0	7.9	64.0	11.67	60.3	11.31	56.7	11.11	54.9	10.63	53.1	10.17	49.4	9.78
	11.0	9.8	64.0	11.07	60.3	10.72	56.7	10.54	54.9	10.08	53.1	9.64	49.4	9.28
	13.0	11.8	64.0	10.43	60.3	10.11	56.7	9.93	54.9	9.50	53.1	9.09	49.4	8.74
15.0	13.7	64.0	9.77	60.3	9.46	56.7	9.30	54.9	8.89	53.1	8.51	49.4	8.18	
90	-24.8	-25	36.5	16.91	36.5	17.13	36.3	17.29	36.3	17.37	36.3	17.52	35.6	17.74
	-21.8	-22	43.3	17.13	43.3	17.36	43.0	17.52	43.0	17.59	43.0	17.74	42.2	16.96
	-19.8	-20	45.1	17.28	45.1	17.51	44.8	17.67	44.8	17.74	44.8	17.20	44.0	16.43
	-18.8	-19	46.2	17.36	45.9	17.58	45.7	17.74	45.7	17.46	45.7	16.93	44.8	16.17
	-16.7	-17	47.7	17.52	47.7	17.74	47.5	17.17	47.5	16.88	47.5	16.37	45.2	15.62
	-13.7	-15	50.7	17.74	50.7	16.88	50.2	16.34	50.2	16.05	48.7	15.56	45.2	14.84
	-11.8	-13	52.3	17.15	52.0	16.34	51.8	15.82	50.3	15.52	48.7	15.05	45.2	14.34
	-9.8	-11	54.0	16.53	54.0	15.77	51.9	15.27	50.3	14.96	48.7	14.51	45.2	13.82
	-9.5	-10	54.3	16.44	54.3	15.68	51.9	15.19	50.3	14.88	48.7	14.43	45.2	13.74
	-8.5	-9.1	55.4	16.12	55.0	15.39	51.9	14.91	50.3	14.60	48.7	14.16	45.2	13.48
	-7.0	-7.6	57.9	15.66	55.1	14.96	51.9	14.50	50.3	14.19	48.7	13.76	45.2	13.08
	-5.0	-5.6	58.6	15.04	55.1	14.39	51.9	13.95	50.3	13.63	48.7	13.22	45.2	12.56
	-3.0	-3.7	58.6	14.41	55.1	13.82	51.9	13.40	50.3	13.07	48.7	12.68	45.2	12.04
	0.0	-0.7	58.6	13.48	55.1	12.96	51.9	12.58	50.3	12.24	48.7	11.87	45.2	11.25
	3.0	2.2	58.6	12.55	55.1	12.10	51.9	11.76	50.3	11.41	48.7	11.07	45.2	10.47
	5.0	4.1	58.6	11.92	55.1	11.53	51.9	11.21	50.3	10.85	48.7	10.53	45.2	9.94
	7.0	6.0	58.6	11.30	55.1	10.95	51.9	10.66	50.3	10.30	48.7	9.99	45.2	9.42
	9.0	7.9	58.6	10.72	55.1	10.39	51.9	10.11	50.3	9.77	48.7	9.48	45.2	8.93
	11.0	9.8	58.6	10.14	55.1	9.83	51.9	9.56	50.3	9.24	48.7	8.96	45.2	8.45
	13.0	11.8	58.6	9.56	55.1	9.26	51.9	9.01	50.3	8.70	48.7	8.45	45.2	7.96
15.0	13.7	58.6	8.97	55.1	8.70	51.9	8.46	50.3	8.17	48.7	7.93	45.2	7.48	
80	-24.8	-25	36.3	14.90	36.3	15.12	36.1	15.28	36.1	15.36	36.1	15.73	35.4	15.04
	-21.8	-22	42.9	15.12	42.9	15.35	42.9	15.51	42.9	15.73	42.9	15.04	40.4	14.38
	-19.8	-20	44.6	15.27	44.6	15.50	44.6	15.73	44.6	15.24	43.4	14.58	40.4	13.94
	-18.8	-19	45.5	15.35	45.5	15.73	45.5	15.48	45.0	15.00	43.4	14.35	40.4	13.72
	-16.7	-17	46.4	15.73	46.4	15.21	46.4	14.96	45.0	14.49	43.4	13.87	40.4	13.25
	-13.7	-15	48.5	14.96	47.6	14.47	46.4	14.22	45.0	13.75	43.4	13.18	40.4	12.59
	-11.8	-13	50.1	14.47	48.6	14.00	46.4	13.74	45.0	13.29	43.4	12.74	40.4	12.17
	-9.8	-11	51.4	13.95	49.1	13.50	46.4	13.25	45.0	12.80	43.4	12.28	40.4	11.73
	-9.5	-10	51.7	13.88	49.4	13.43	46.4	13.17	45.0	12.73	43.4	12.21	40.4	11.67
	-8.5	-9.1	52.1	13.62	49.4	13.18	46.4	12.92	45.0	12.48	43.4	11.98	40.4	11.45
	-7.0	-7.6	52.4	13.23	49.4	12.81	46.4	12.55	45.0	12.12	43.4	11.63	40.4	11.12
	-5.0	-5.6	52.4	12.72	49.4	12.32	46.4	12.05	45.0	11.63	43.4	11.17	40.4	10.67
	-3.0	-3.7	52.4	12.20	49.4	11.82	46.4	11.56	45.0	11.14	43.4	10.71	40.4	10.23
	0.0	-0.7	52.4	11.43	49.4	11.08	46.4	10.81	45.0	10.40	43.4	10.02	40.4	9.57
	3.0	2.2	52.4	10.66	49.4	10.34	46.4	10.06	45.0	9.67	43.4	9.33	40.4	8.91
	5.0	4.1	52.4	10.14	49.4	9.84	46.4	9.57	45.0	9.18	43.4	8.87	40.4	8.47
	7.0	6.0	52.4	9.63	49.4	9.35	46.4	9.07	45.0	8.69	43.4	8.41	40.4	8.03
	9.0	7.9	52.4	9.04	49.4	8.78	46.4	8.52	45.0	8.16	43.4	7.89	40.4	7.54
	11.0	9.8	52.4	8.39	49.4	8.14	46.4	7.90	45.0	7.58	43.4	7.33	40.4	7.00
	13.0	11.8	52.4	7.83	49.4	7.60	46.4	7.38	45.0	7.07	43.4	6.84	40.4	6.53
15.0	13.7	52.4	7.37	49.4	7.16	46.4	6.95	45.0	6.66	43.4	6.44	40.4	6.15	

7. Capacity Tables

Heating Capacity (18HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB													
			16		18		20		21		22		24			
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
70	-24.8	-25	36.3	14.91	36.3	14.99	36.1	15.14	36.1	15.36	36.1	15.36	36.1	14.62	34.5	13.92
	-21.8	-22	39.8	15.14	39.8	15.21	39.5	15.36	38.2	14.62	37.0	13.92	34.5	13.24		
	-19.8	-20	42.0	15.29	42.0	15.36	39.5	14.84	38.2	14.12	37.0	13.45	34.5	12.79		
	-18.8	-19	43.2	15.36	42.0	15.09	39.5	14.57	38.2	13.87	37.0	13.22	34.5	12.57		
	-16.7	-17	44.5	14.80	42.0	14.52	39.5	14.02	38.2	13.34	37.0	12.73	34.5	12.10		
	-13.7	-15	44.5	13.98	42.0	13.70	39.5	13.23	38.2	12.59	37.0	12.03	34.5	11.42		
	-11.8	-13	44.5	13.47	42.0	13.18	39.5	12.73	38.2	12.12	37.0	11.58	34.5	10.99		
	-9.8	-11	44.5	12.93	42.0	12.63	39.5	12.20	38.2	11.62	37.0	11.12	34.5	10.54		
	-9.5	-10	44.5	12.85	42.0	12.55	39.5	12.12	38.2	11.54	37.0	11.05	34.5	10.48		
	-8.5	-9.1	44.5	12.58	42.0	12.28	39.5	11.86	38.2	11.29	37.0	10.81	34.5	10.25		
	-7.0	-7.6	44.5	12.17	42.0	11.87	39.5	11.46	38.2	10.92	37.0	10.46	34.5	9.92		
	-5.0	-5.6	44.5	11.63	42.0	11.32	39.5	10.94	38.2	10.42	37.0	10.00	34.5	9.47		
	-3.0	-3.7	44.5	11.09	42.0	10.78	39.5	10.41	38.2	9.92	37.0	9.53	34.5	9.02		
	0.0	-0.7	44.5	10.28	42.0	9.96	39.5	9.62	38.2	9.17	37.0	8.83	34.5	8.34		
	3.0	2.2	44.5	9.46	42.0	9.14	39.5	8.83	38.2	8.42	37.0	8.13	34.5	7.67		
	5.0	4.1	44.5	8.92	42.0	8.59	39.5	8.30	38.2	7.92	37.0	7.67	34.5	7.22		
	7.0	6.0	44.5	8.38	42.0	8.05	39.5	7.78	38.2	7.42	37.0	7.20	34.5	6.77		
	9.0	7.9	44.5	7.57	42.0	7.27	39.5	7.02	38.2	6.70	37.0	6.50	34.5	6.11		
	11.0	9.8	44.5	7.05	42.0	6.76	39.5	6.54	38.2	6.24	37.0	6.05	34.5	5.69		
	13.0	11.8	44.5	6.59	42.0	6.33	39.5	6.12	38.2	5.84	37.0	5.66	34.5	5.32		
15.0	13.7	44.5	6.22	42.0	5.97	39.5	5.77	38.2	5.51	37.0	5.34	34.5	5.02			
60	-24.8	-25	34.1	14.76	34.1	14.91	33.9	15.14	32.7	14.34	31.6	13.59	29.6	12.88		
	-21.8	-22	36.5	14.99	36.1	15.14	33.9	14.34	32.7	13.59	31.6	12.88	29.6	12.20		
	-19.8	-20	38.2	15.14	36.1	14.57	33.9	13.80	32.7	13.09	31.6	12.41	29.6	11.75		
	-18.8	-19	38.2	14.85	36.1	14.29	33.9	13.53	32.7	12.84	31.6	12.18	29.6	11.53		
	-16.7	-17	38.2	14.25	36.1	13.69	33.9	12.97	32.7	12.31	31.6	11.68	29.6	11.05		
	-13.7	-15	38.2	13.39	36.1	12.84	33.9	12.17	32.7	11.56	31.6	10.98	29.6	10.37		
	-11.8	-13	38.2	12.84	36.1	12.30	33.9	11.66	32.7	11.08	31.6	10.53	29.6	9.94		
	-9.8	-11	38.2	12.26	36.1	11.73	33.9	11.13	32.7	10.58	31.6	10.07	29.6	9.49		
	-9.5	-10	38.2	12.18	36.1	11.65	33.9	11.05	32.7	10.51	31.6	9.99	29.6	9.42		
	-8.5	-9.1	38.2	11.89	36.1	11.36	33.9	10.78	32.7	10.26	31.6	9.76	29.6	9.20		
	-7.0	-7.6	38.2	11.46	36.1	10.94	33.9	10.38	32.7	9.88	31.6	9.41	29.6	8.86		
	-5.0	-5.6	38.2	10.88	36.1	10.37	33.9	9.85	32.7	9.38	31.6	8.94	29.6	8.41		
	-3.0	-3.7	38.2	10.31	36.1	9.80	33.9	9.31	32.7	8.88	31.6	8.47	29.6	7.95		
	0.0	-0.7	38.2	9.45	36.1	8.95	33.9	8.51	32.7	8.13	31.6	7.76	29.6	7.27		
	3.0	2.2	38.2	8.59	36.1	8.10	33.9	7.71	32.7	7.38	31.6	7.06	29.6	6.60		
	5.0	4.1	38.2	8.01	36.1	7.53	33.9	7.17	32.7	6.88	31.6	6.59	29.6	6.14		
	7.0	6.0	38.2	7.44	36.1	6.96	33.9	6.64	32.7	6.38	31.6	6.12	29.6	5.69		
	9.0	7.9	38.2	6.63	36.1	6.21	33.9	5.92	32.7	5.69	31.6	5.46	29.6	5.08		
	11.0	9.8	38.2	6.19	36.1	5.80	33.9	5.53	32.7	5.32	31.6	5.10	29.6	4.74		
	13.0	11.8	38.2	5.80	36.1	5.44	33.9	5.18	32.7	4.98	31.6	4.78	29.6	4.44		
15.0	13.7	38.2	5.48	36.1	5.14	33.9	4.90	32.7	4.71	31.6	4.52	29.6	4.20			
50	-24.8	-25	31.8	12.83	30.0	13.06	28.2	12.36	27.3	11.70	26.4	11.08	24.6	10.51		
	-21.8	-22	31.8	13.06	30.0	12.36	28.2	11.70	27.3	11.08	26.4	10.51	24.6	9.95		
	-19.8	-20	31.8	12.57	30.0	11.89	28.2	11.27	27.3	10.67	26.4	10.12	24.6	9.59		
	-18.8	-19	31.8	12.32	30.0	11.66	28.2	11.05	27.3	10.46	26.4	9.93	24.6	9.40		
	-16.7	-17	31.8	11.81	30.0	11.16	28.2	10.59	27.3	10.03	26.4	9.53	24.6	9.01		
	-13.7	-15	31.8	11.07	30.0	10.46	28.2	9.93	27.3	9.41	26.4	8.95	24.6	8.46		
	-11.8	-13	31.8	10.61	30.0	10.02	28.2	9.52	27.3	9.02	26.4	8.59	24.6	8.11		
	-9.8	-11	31.8	10.12	30.0	9.55	28.2	9.08	27.3	8.61	26.4	8.20	24.6	7.74		
	-9.5	-10	31.8	10.04	30.0	9.48	28.2	9.01	27.3	8.54	26.4	8.15	24.6	7.69		
	-8.5	-9.1	31.8	9.80	30.0	9.24	28.2	8.80	27.3	8.34	26.4	7.95	24.6	7.50		
	-7.0	-7.6	31.8	9.43	30.0	8.89	28.2	8.47	27.3	8.03	26.4	7.67	24.6	7.23		
	-5.0	-5.6	31.8	8.94	30.0	8.43	28.2	8.03	27.3	7.62	26.4	7.28	24.6	6.86		
	-3.0	-3.7	31.8	8.45	30.0	7.96	28.2	7.59	27.3	7.20	26.4	6.90	24.6	6.49		
	0.0	-0.7	31.8	7.71	30.0	7.25	28.2	6.94	27.3	6.58	26.4	6.32	24.6	5.94		
	3.0	2.2	31.8	6.98	30.0	6.55	28.2	6.28	27.3	5.96	26.4	5.75	24.6	5.38		
	5.0	4.1	31.8	6.49	30.0	6.08	28.2	5.85	27.3	5.55	26.4	5.36	24.6	5.01		
	7.0	6.0	31.8	6.00	30.0	5.62	28.2	5.41	27.3	5.14	26.4	4.98	24.6	4.65		
	9.0	7.9	31.8	5.42	30.0	5.07	28.2	4.88	27.3	4.64	26.4	4.50	24.6	4.20		
	11.0	9.8	31.8	5.07	30.0	4.75	28.2	4.57	27.3	4.34	26.4	4.21	24.6	3.93		
	13.0	11.8	31.8	4.76	30.0	4.46	28.2	4.29	27.3	4.08	26.4	3.95	24.6	3.69		
15.0	13.7	31.8	4.50	30.0	4.22	28.2	4.06	27.3	3.86	26.4	3.74	24.6	3.49			

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM200BTE5

Heating Capacity (20HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	39.5	19.65	39.5	19.71	39.2	19.77	39.2	19.85	39.2	19.93	38.5	20.05
	-21.8	-22	48.0	19.77	48.0	19.84	47.7	19.89	47.7	19.97	47.7	20.05	46.8	20.18
	-19.8	-20	50.7	19.86	50.7	19.92	50.3	19.97	50.3	20.06	50.3	20.14	49.4	20.26
	-18.8	-19	51.7	19.90	51.7	19.96	51.4	20.02	51.4	20.10	51.4	20.18	50.4	20.31
	-16.7	-17	54.0	19.99	54.0	20.05	53.7	20.10	53.7	20.19	53.7	20.27	52.7	20.39
	-13.7	-15	57.3	20.11	57.3	20.18	57.0	20.23	57.0	20.31	57.0	20.39	55.9	19.65
	-11.8	-13	59.2	20.19	59.2	20.26	58.8	20.31	58.8	20.39	58.8	19.90	57.9	19.18
	-9.8	-11	61.1	20.28	61.1	20.34	60.8	20.39	60.8	19.87	60.8	19.38	60.0	18.69
	-9.5	-10	61.5	20.29	61.5	20.35	61.1	20.31	61.1	19.79	61.1	19.30	60.3	18.62
	-8.5	-9.1	62.7	20.33	62.7	20.39	62.3	20.05	62.3	19.53	62.0	19.04	61.4	18.37
	-7.0	-7.6	64.5	20.39	64.5	20.01	64.1	19.65	64.1	19.13	64.1	18.64	63.0	18.00
	-5.0	-5.6	66.8	19.90	66.8	19.49	66.4	19.11	66.4	18.61	66.4	18.12	65.1	17.50
	-3.0	-3.7	69.2	19.41	69.2	18.97	68.8	18.58	68.8	18.08	68.8	17.60	67.2	17.01
	0.0	-0.7	72.7	18.66	72.7	18.20	72.3	17.78	72.3	17.29	72.3	16.82	70.4	16.27
	3.0	2.2	76.3	17.92	76.3	17.42	75.8	16.98	75.8	16.50	75.8	16.03	71.1	15.53
	5.0	4.1	78.7	17.43	78.7	16.90	78.2	16.45	78.2	15.97	76.4	15.51	71.1	15.03
	7.0	6.0	81.0	16.93	81.0	16.39	80.5	15.91	79.2	15.45	76.4	14.99	71.1	14.54
9.0	7.9	81.4	16.53	81.4	16.00	81.2	15.53	79.2	15.08	76.4	14.63	71.1	14.19	
11.0	9.8	81.4	16.27	81.4	15.75	81.2	15.29	79.2	14.84	76.4	14.40	71.1	13.97	
13.0	11.8	81.4	15.99	81.4	15.48	81.2	15.03	79.2	14.59	76.4	14.16	71.1	13.73	
15.0	13.7	81.4	15.69	81.4	15.18	81.2	14.74	79.2	14.31	76.4	13.89	71.1	13.47	
120	-24.8	-25	39.2	19.71	39.2	19.77	38.9	19.85	38.9	19.93	38.9	20.05	38.2	20.14
	-21.8	-22	47.7	19.84	47.7	19.89	47.4	19.97	47.4	20.05	47.4	20.18	46.5	20.27
	-19.8	-20	50.3	19.92	50.3	19.97	50.0	20.06	50.0	20.14	50.0	20.26	49.0	20.35
	-18.8	-19	51.4	19.96	51.4	20.02	51.1	20.10	51.1	20.18	51.1	20.31	50.1	20.39
	-16.7	-17	53.7	20.05	53.7	20.10	53.3	20.19	53.3	20.27	53.3	20.39	52.3	19.92
	-13.7	-15	56.9	20.18	56.9	20.23	56.6	20.31	56.6	20.39	56.6	19.69	55.5	19.24
	-11.8	-13	58.8	20.26	58.8	20.31	58.4	20.39	58.4	19.89	58.4	19.24	57.5	18.80
	-9.8	-11	60.7	20.34	60.7	20.39	60.3	19.85	60.3	19.37	60.3	18.77	59.6	18.35
	-9.5	-10	61.1	20.35	61.1	20.31	60.7	19.76	60.7	19.29	60.7	18.69	59.9	18.28
	-8.5	-9.1	62.2	20.39	62.2	20.02	61.9	19.49	61.9	19.02	61.9	18.46	61.0	18.06
	-7.0	-7.6	64.0	19.97	64.0	19.58	63.6	19.08	63.6	18.63	63.6	18.10	62.5	17.71
	-5.0	-5.6	66.4	19.40	66.4	19.01	65.9	18.53	65.9	18.10	65.9	17.63	64.7	17.26
	-3.0	-3.7	68.7	18.82	68.7	18.43	68.3	17.98	68.3	17.58	68.3	17.16	66.8	16.81
	0.0	-0.7	72.2	17.97	72.2	17.56	71.8	17.15	71.8	16.78	71.8	16.45	66.8	16.12
	3.0	2.2	75.8	17.11	75.8	16.69	75.3	16.33	74.2	15.99	71.9	15.74	66.8	15.44
	5.0	4.1	78.1	16.54	78.1	16.12	76.8	15.78	74.2	15.47	71.9	15.27	66.8	14.99
	7.0	6.0	80.5	15.97	79.9	15.54	76.8	15.23	74.2	14.94	71.9	14.80	66.8	14.54
9.0	7.9	80.8	15.55	79.9	15.13	76.8	14.83	74.2	14.55	71.9	14.41	66.8	14.15	
11.0	9.8	80.8	15.26	79.9	14.85	76.8	14.56	74.2	14.28	71.9	14.14	66.8	13.89	
13.0	11.8	80.8	14.96	79.9	14.55	76.8	14.26	74.2	13.99	71.9	13.86	66.8	13.61	
15.0	13.7	80.8	14.62	79.9	14.23	76.8	13.95	74.2	13.68	71.9	13.55	66.8	13.31	
110	-24.8	-25	39.0	19.77	39.0	19.85	38.7	19.93	38.7	20.05	38.7	20.14	38.0	20.18
	-21.8	-22	47.4	19.89	47.4	19.97	47.1	20.05	47.1	20.18	47.1	20.27	46.2	20.31
	-19.8	-20	50.0	19.97	50.0	20.06	49.7	20.14	49.7	20.26	49.7	20.35	48.7	20.39
	-18.8	-19	51.1	20.02	51.1	20.10	50.8	20.18	50.8	20.31	50.8	20.39	49.8	20.14
	-16.7	-17	53.4	20.10	53.4	20.19	53.0	20.27	53.0	20.39	53.0	19.88	52.0	19.61
	-13.7	-15	56.6	20.23	56.6	20.31	56.2	20.39	56.2	19.61	56.2	19.13	56.2	18.84
	-11.8	-13	58.4	20.31	58.4	20.39	58.1	19.84	58.1	19.11	58.1	18.66	58.1	18.36
	-9.8	-11	60.4	20.39	60.4	19.77	60.0	19.26	60.0	18.59	60.0	18.17	59.6	17.85
	-9.5	-10	60.7	20.29	60.7	19.68	60.4	19.17	60.4	18.51	60.4	18.10	60.1	17.78
	-8.5	-9.1	61.9	19.96	61.9	19.37	61.5	18.88	61.5	18.25	61.5	17.85	60.1	17.52
	-7.0	-7.6	63.7	19.46	63.7	18.90	63.3	18.45	63.3	17.86	63.3	17.48	60.1	17.14
	-5.0	-5.6	66.0	18.78	66.0	18.28	65.6	17.86	65.6	17.34	64.4	16.98	60.1	16.63
	-3.0	-3.7	68.3	18.11	68.3	17.65	67.9	17.28	66.6	16.81	64.4	16.49	60.1	16.13
	0.0	-0.7	71.8	17.11	71.8	16.72	68.9	16.41	66.6	16.03	64.4	15.75	60.1	15.36
	3.0	2.2	75.3	16.10	73.4	15.78	68.9	15.54	66.6	15.25	64.4	15.01	60.1	14.60
	5.0	4.1	77.7	15.43	73.4	15.16	68.9	14.96	66.6	14.72	64.4	14.51	60.1	14.09
	7.0	6.0	77.7	14.76	73.4	14.54	68.9	14.38	66.6	14.20	64.4	14.02	60.1	13.59
9.0	7.9	77.7	14.30	73.4	14.09	68.9	13.93	66.6	13.76	64.4	13.59	60.1	13.17	
11.0	9.8	77.7	13.97	73.4	13.76	68.9	13.61	66.6	13.44	64.4	13.27	60.1	12.86	
13.0	11.8	77.7	13.62	73.4	13.41	68.9	13.26	66.6	13.10	64.4	12.93	60.1	12.53	
15.0	13.7	77.7	13.24	73.4	13.04	68.9	12.89	66.6	12.74	64.4	12.57	60.1	12.18	

7. Capacity Tables

Heating Capacity (20HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	38.8	21.62	38.8	21.46	38.6	19.76	38.6	21.06	38.6	20.88	37.8	20.80
	-21.8	-22	47.2	21.37	47.2	21.21	46.9	20.39	46.9	20.81	46.9	20.90	46.0	20.56
	-19.8	-20	49.8	21.21	49.8	21.05	49.5	20.77	49.5	20.65	49.5	20.56	48.5	20.39
	-18.8	-19	50.9	21.13	50.6	20.97	50.6	20.81	50.6	20.57	50.6	20.39	49.6	20.08
	-16.7	-17	52.8	20.96	52.8	20.79	52.8	20.90	52.5	20.39	52.5	19.75	51.5	19.42
	-13.7	-15	56.3	20.71	56.3	20.55	56.0	20.39	56.0	19.46	56.0	18.82	54.9	18.48
	-11.8	-13	58.1	20.56	57.8	20.39	57.8	19.77	57.8	18.87	57.8	18.24	54.9	17.88
	-9.8	-11	60.1	20.39	60.1	19.70	59.8	19.11	59.8	18.24	59.0	17.62	54.9	17.25
	-9.5	-10	60.4	20.29	60.4	19.59	60.1	19.02	60.1	18.15	59.0	17.53	54.9	17.16
	-8.5	-9.1	61.6	19.92	61.6	19.24	61.3	18.69	61.0	17.84	59.0	17.22	54.9	16.84
	-7.0	-7.6	64.4	19.38	64.1	18.72	63.0	18.20	61.0	17.37	59.0	16.76	54.9	16.37
	-5.0	-5.6	67.2	18.65	66.5	18.02	63.0	17.54	61.0	16.75	59.0	16.14	54.9	15.74
	-3.0	-3.7	69.1	17.92	67.0	17.33	63.0	16.88	61.0	16.13	59.0	15.53	54.9	15.12
	0.0	-0.7	71.1	16.83	67.0	16.28	63.0	15.90	61.0	15.19	59.0	14.60	54.9	14.17
	3.0	2.2	71.1	15.74	67.0	15.23	63.0	14.91	61.0	14.26	59.0	13.68	54.9	13.23
	5.0	4.1	71.1	15.02	67.0	14.54	63.0	14.26	61.0	13.63	59.0	13.06	54.9	12.60
	7.0	6.0	71.1	14.29	67.0	13.84	63.0	13.60	61.0	13.01	59.0	12.45	54.9	11.97
9.0	7.9	71.1	13.79	67.0	13.36	63.0	13.12	61.0	12.56	59.0	12.01	54.9	11.55	
11.0	9.8	71.1	13.41	67.0	12.98	63.0	12.76	61.0	12.21	59.0	11.68	54.9	11.23	
13.0	11.8	71.1	13.00	67.0	12.59	63.0	12.37	61.0	11.83	59.0	11.32	54.9	10.89	
15.0	13.7	71.1	12.56	67.0	12.17	63.0	11.96	61.0	11.44	59.0	10.94	54.9	10.53	
90	-24.8	-25	38.7	19.35	38.7	19.47	38.4	19.56	38.4	19.60	38.4	19.69	37.7	19.81
	-21.8	-22	47.0	19.47	47.0	19.60	46.7	19.69	46.7	19.73	46.7	19.81	45.8	18.97
	-19.8	-20	49.6	19.56	49.6	19.68	49.3	19.77	49.3	19.81	49.3	19.24	48.4	18.41
	-18.8	-19	50.9	19.60	50.6	19.73	50.4	19.81	50.4	19.52	50.4	18.95	49.4	18.13
	-16.7	-17	52.8	19.69	52.8	19.81	52.6	19.20	52.6	18.90	52.6	18.35	50.2	17.54
	-13.7	-15	56.3	19.81	56.3	18.91	55.8	18.33	55.8	18.01	54.1	17.49	50.2	16.70
	-11.8	-13	58.1	19.19	57.8	18.33	57.6	17.78	55.9	17.45	54.1	16.94	50.2	16.16
	-9.8	-11	60.1	18.54	60.1	17.73	57.6	17.20	55.9	16.86	54.1	16.37	50.2	15.60
	-9.5	-10	60.4	18.44	60.4	17.64	57.6	17.11	55.9	16.77	54.1	16.28	50.2	15.52
	-8.5	-9.1	61.6	18.12	61.1	17.34	57.6	16.82	55.9	16.48	54.1	15.99	50.2	15.24
	-7.0	-7.6	64.4	17.63	61.2	16.88	57.6	16.38	55.9	16.03	54.1	15.56	50.2	14.82
	-5.0	-5.6	65.1	16.97	61.2	16.28	57.6	15.80	55.9	15.44	54.1	14.99	50.2	14.25
	-3.0	-3.7	65.1	16.32	61.2	15.68	57.6	15.22	55.9	14.85	54.1	14.41	50.2	13.69
	0.0	-0.7	65.1	15.34	61.2	14.77	57.6	14.35	55.9	13.96	54.1	13.55	50.2	12.85
	3.0	2.2	65.1	14.36	61.2	13.86	57.6	13.48	55.9	13.08	54.1	12.69	50.2	12.01
	5.0	4.1	65.1	13.71	61.2	13.26	57.6	12.90	55.9	12.49	54.1	12.12	50.2	11.45
	7.0	6.0	65.1	13.06	61.2	12.66	57.6	12.32	55.9	11.90	54.1	11.54	50.2	10.88
9.0	7.9	65.1	12.44	61.2	12.06	57.6	11.74	55.9	11.34	54.1	11.00	50.2	10.37	
11.0	9.8	65.1	11.83	61.2	11.46	57.6	11.15	55.9	10.77	54.1	10.45	50.2	9.86	
13.0	11.8	65.1	11.21	61.2	10.87	57.6	10.57	55.9	10.21	54.1	9.91	50.2	9.34	
15.0	13.7	65.1	10.59	61.2	10.27	57.6	9.99	55.9	9.65	54.1	9.36	50.2	8.83	
80	-24.8	-25	38.5	17.10	38.5	17.23	38.3	17.32	38.3	17.36	38.3	17.57	37.5	16.83
	-21.8	-22	46.5	17.23	46.5	17.36	46.5	17.44	46.5	17.57	46.5	16.83	44.9	16.12
	-19.8	-20	49.1	17.31	49.1	17.44	49.1	17.57	49.1	17.05	48.2	16.33	44.9	15.64
	-18.8	-19	50.2	17.36	50.2	17.57	50.2	17.30	50.0	16.79	48.2	16.09	44.9	15.40
	-16.7	-17	51.6	17.57	51.6	17.02	51.6	16.75	50.0	16.24	48.2	15.57	44.9	14.90
	-13.7	-15	53.9	16.75	52.9	16.23	51.6	15.96	50.0	15.45	48.2	14.83	44.9	14.19
	-11.8	-13	55.3	16.24	53.7	15.73	51.6	15.45	50.0	14.96	48.2	14.36	44.9	13.74
	-9.8	-11	56.8	15.69	54.4	15.21	51.6	14.92	50.0	14.43	48.2	13.86	44.9	13.27
	-9.5	-10	57.2	15.61	54.7	15.13	51.6	14.84	50.0	14.36	48.2	13.79	44.9	13.19
	-8.5	-9.1	57.7	15.34	54.9	14.87	51.6	14.58	50.0	14.09	48.2	13.54	44.9	12.96
	-7.0	-7.6	58.3	14.93	54.9	14.47	51.6	14.18	50.0	13.70	48.2	13.17	44.9	12.60
	-5.0	-5.6	58.3	14.39	54.9	13.95	51.6	13.65	50.0	13.18	48.2	12.68	44.9	12.13
	-3.0	-3.7	58.3	13.84	54.9	13.42	51.6	13.13	50.0	12.66	48.2	12.18	44.9	11.65
	0.0	-0.7	58.3	13.03	54.9	12.64	51.6	12.33	50.0	11.87	48.2	11.44	44.9	10.94
	3.0	2.2	58.3	12.21	54.9	11.85	51.6	11.54	50.0	11.09	48.2	10.70	44.9	10.23
	5.0	4.1	58.3	11.67	54.9	11.32	51.6	11.01	50.0	10.57	48.2	10.21	44.9	9.75
	7.0	6.0	58.3	11.12	54.9	10.80	51.6	10.48	50.0	10.04	48.2	9.71	44.9	9.28
9.0	7.9	58.3	10.44	54.9	10.14	51.6	9.84	50.0	9.43	48.2	9.12	44.9	8.71	
11.0	9.8	58.3	9.69	54.9	9.41	51.6	9.13	50.0	8.75	48.2	8.47	44.9	8.08	
13.0	11.8	58.3	9.05	54.9	8.79	51.6	8.53	50.0	8.17	48.2	7.90	44.9	7.55	
15.0	13.7	58.3	8.52	54.9	8.27	51.6	8.03	50.0	7.69	48.2	7.44	44.9	7.10	

7. Capacity Tables

Heating Capacity (20HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB													
			16		18		20		21		22		24			
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
70	-24.8	-25	38.5	16.91	38.5	16.95	38.3	17.03	38.3	17.16	38.3	17.16	38.3	16.35	37.5	15.59
	-21.8	-22	44.2	17.03	44.2	17.07	43.9	17.16	42.4	16.35	41.1	15.59	38.4	14.86		
	-19.8	-20	48.0	17.12	46.7	17.16	43.9	16.59	42.4	15.81	41.1	15.09	38.4	14.37		
	-18.8	-19	49.4	17.16	46.7	16.86	43.9	16.31	42.4	15.54	41.1	14.83	38.4	14.13		
	-16.7	-17	49.4	16.55	46.7	16.25	43.9	15.71	42.4	14.97	41.1	14.30	38.4	13.61		
	-13.7	-15	49.4	15.68	46.7	15.37	43.9	14.86	42.4	14.16	41.1	13.55	38.4	12.88		
	-11.8	-13	49.4	15.13	46.7	14.81	43.9	14.32	42.4	13.65	41.1	13.07	38.4	12.41		
	-9.8	-11	49.4	14.55	46.7	14.22	43.9	13.75	42.4	13.11	41.1	12.56	38.4	11.93		
	-9.5	-10	49.4	14.46	46.7	14.14	43.9	13.67	42.4	13.03	41.1	12.49	38.4	11.85		
	-8.5	-9.1	49.4	14.17	46.7	13.84	43.9	13.38	42.4	12.76	41.1	12.23	38.4	11.61		
	-7.0	-7.6	49.4	13.74	46.7	13.40	43.9	12.96	42.4	12.36	41.1	11.85	38.4	11.24		
	-5.0	-5.6	49.4	13.16	46.7	12.82	43.9	12.39	42.4	11.82	41.1	11.35	38.4	10.75		
	-3.0	-3.7	49.4	12.58	46.7	12.23	43.9	11.82	42.4	11.28	41.1	10.84	38.4	10.26		
	0.0	-0.7	49.4	11.71	46.7	11.35	43.9	10.97	42.4	10.47	41.1	10.09	38.4	9.53		
	3.0	2.2	49.4	10.84	46.7	10.47	43.9	10.12	42.4	9.66	41.1	9.33	38.4	8.80		
	5.0	4.1	49.4	10.26	46.7	9.88	43.9	9.55	42.4	9.12	41.1	8.82	38.4	8.31		
	7.0	6.0	49.4	9.68	46.7	9.30	43.9	8.98	42.4	8.58	41.1	8.32	38.4	7.82		
9.0	7.9	49.4	8.75	46.7	8.39	43.9	8.11	42.4	7.75	41.1	7.51	38.4	7.06			
11.0	9.8	49.4	8.14	46.7	7.82	43.9	7.55	42.4	7.21	41.1	6.99	38.4	6.58			
13.0	11.8	49.4	7.62	46.7	7.31	43.9	7.07	42.4	6.75	41.1	6.54	38.4	6.15			
15.0	13.7	49.4	7.18	46.7	6.89	43.9	6.66	42.4	6.36	41.1	6.17	38.4	5.80			
60	-24.8	-25	37.9	16.76	37.9	16.84	37.6	16.97	36.4	16.09	35.1	15.27	32.9	14.50		
	-21.8	-22	40.6	16.89	40.1	16.97	37.6	16.09	36.4	15.27	35.1	14.50	32.9	13.75		
	-19.8	-20	42.4	16.97	40.1	16.35	37.6	15.51	36.4	14.72	35.1	13.98	32.9	13.25		
	-18.8	-19	42.4	16.66	40.1	16.04	37.6	15.22	36.4	14.45	35.1	13.72	32.9	13.00		
	-16.7	-17	42.4	16.00	40.1	15.39	37.6	14.60	36.4	13.87	35.1	13.18	32.9	12.48		
	-13.7	-15	42.4	15.06	40.1	14.46	37.6	13.72	36.4	13.05	35.1	12.41	32.9	11.73		
	-11.8	-13	42.4	14.47	40.1	13.87	37.6	13.17	36.4	12.53	35.1	11.92	32.9	11.26		
	-9.8	-11	42.4	13.84	40.1	13.25	37.6	12.58	36.4	11.98	35.1	11.40	32.9	10.76		
	-9.5	-10	42.4	13.75	40.1	13.16	37.6	12.50	36.4	11.90	35.1	11.33	32.9	10.69		
	-8.5	-9.1	42.4	13.44	40.1	12.85	37.6	12.20	36.4	11.62	35.1	11.07	32.9	10.44		
	-7.0	-7.6	42.4	12.97	40.1	12.38	37.6	11.77	36.4	11.21	35.1	10.68	32.9	10.06		
	-5.0	-5.6	42.4	12.34	40.1	11.77	37.6	11.18	36.4	10.66	35.1	10.17	32.9	9.57		
	-3.0	-3.7	42.4	11.72	40.1	11.15	37.6	10.60	36.4	10.12	35.1	9.65	32.9	9.07		
	0.0	-0.7	42.4	10.78	40.1	10.22	37.6	9.72	36.4	9.29	35.1	8.88	32.9	8.32		
	3.0	2.2	42.4	9.84	40.1	9.29	37.6	8.84	36.4	8.47	35.1	8.10	32.9	7.57		
	5.0	4.1	42.4	9.22	40.1	8.67	37.6	8.26	36.4	7.92	35.1	7.59	32.9	7.08		
	7.0	6.0	42.4	8.59	40.1	8.05	37.6	7.67	36.4	7.37	35.1	7.07	32.9	6.58		
9.0	7.9	42.4	7.67	40.1	7.18	37.6	6.85	36.4	6.58	35.1	6.31	32.9	5.87			
11.0	9.8	42.4	7.16	40.1	6.70	37.6	6.39	36.4	6.14	35.1	5.89	32.9	5.48			
13.0	11.8	42.4	6.71	40.1	6.28	37.6	5.99	36.4	5.75	35.1	5.52	32.9	5.13			
15.0	13.7	42.4	6.34	40.1	5.94	37.6	5.66	36.4	5.44	35.1	5.22	32.9	4.85			
50	-24.8	-25	35.4	14.46	33.4	14.58	31.4	13.82	30.4	13.11	29.3	12.43	27.3	11.80		
	-21.8	-22	35.4	14.58	33.4	13.82	31.4	13.11	30.4	12.43	29.3	11.80	27.3	11.19		
	-19.8	-20	35.4	14.05	33.4	13.31	31.4	12.63	30.4	11.98	29.3	11.38	27.3	10.79		
	-18.8	-19	35.4	13.79	33.4	13.06	31.4	12.39	30.4	11.75	29.3	11.17	27.3	10.59		
	-16.7	-17	35.4	13.23	33.4	12.52	31.4	11.89	30.4	11.28	29.3	10.73	27.3	10.16		
	-13.7	-15	35.4	12.43	33.4	11.76	31.4	11.18	30.4	10.60	29.3	10.10	27.3	9.56		
	-11.8	-13	35.4	11.93	33.4	11.28	31.4	10.73	30.4	10.18	29.3	9.70	27.3	9.17		
	-9.8	-11	35.4	11.40	33.4	10.77	31.4	10.25	30.4	9.73	29.3	9.28	27.3	8.77		
	-9.5	-10	35.4	11.32	33.4	10.69	31.4	10.18	30.4	9.66	29.3	9.22	27.3	8.71		
	-8.5	-9.1	35.4	11.05	33.4	10.44	31.4	9.94	30.4	9.43	29.3	9.01	27.3	8.50		
	-7.0	-7.6	35.4	10.65	33.4	10.05	31.4	9.58	30.4	9.09	29.3	8.69	27.3	8.20		
	-5.0	-5.6	35.4	10.12	33.4	9.54	31.4	9.11	30.4	8.64	29.3	8.27	27.3	7.80		
	-3.0	-3.7	35.4	9.59	33.4	9.03	31.4	8.63	30.4	8.19	29.3	7.85	27.3	7.39		
	0.0	-0.7	35.4	8.79	33.4	8.27	31.4	7.92	30.4	7.52	29.3	7.22	27.3	6.78		
	3.0	2.2	35.4	7.99	33.4	7.51	31.4	7.20	30.4	6.84	29.3	6.59	27.3	6.18		
	5.0	4.1	35.4	7.46	33.4	7.00	31.4	6.73	30.4	6.39	29.3	6.17	27.3	5.77		
	7.0	6.0	35.4	6.93	33.4	6.49	31.4	6.25	30.4	5.94	29.3	5.75	27.3	5.37		
9.0	7.9	35.4	6.26	33.4	5.86	31.4	5.64	30.4	5.36	29.3	5.20	27.3	4.85			
11.0	9.8	35.4	5.86	33.4	5.48	31.4	5.28	30.4	5.02	29.3	4.86	27.3	4.54			
13.0	11.8	35.4	5.50	33.4	5.15	31.4	4.96	30.4	4.71	29.3	4.56	27.3	4.26			
15.0	13.7	35.4	5.20	33.4	4.87	31.4	4.69	30.4	4.46	29.3	4.32	27.3	4.03			

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM220BTE5

Heating Capacity (22HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	43.4	23.41	43.4	23.49	43.2	23.56	43.2	23.66	43.2	23.76	42.3	23.92
	-21.8	-22	52.8	23.57	52.8	23.65	52.5	23.72	52.5	23.82	52.5	23.92	51.5	24.07
	-19.8	-20	55.7	23.67	55.7	23.75	55.3	23.82	55.3	23.92	55.3	24.02	54.3	24.18
	-18.8	-19	56.9	23.73	56.9	23.80	56.5	23.87	56.5	23.98	56.5	24.07	55.5	24.23
	-16.7	-17	59.4	23.84	59.4	23.91	59.0	23.98	59.0	24.08	59.0	24.18	57.9	24.34
	-13.7	-15	63.0	23.99	63.0	24.07	62.6	24.14	62.6	24.24	62.6	24.34	61.4	23.45
	-11.8	-13	65.1	24.09	65.1	24.17	64.7	24.23	64.7	24.34	64.7	23.75	63.7	22.89
	-9.8	-11	67.3	24.19	67.3	24.27	66.8	24.34	66.8	23.71	66.8	23.12	66.0	22.30
	-9.5	-10	67.7	24.21	67.7	24.29	67.2	24.24	67.2	23.62	67.2	23.03	66.4	22.22
	-8.5	-9.1	69.0	24.26	69.0	24.34	68.5	23.92	68.5	23.30	68.3	22.72	67.5	21.92
	-7.0	-7.6	70.9	24.34	70.9	23.88	70.5	23.45	70.5	22.83	70.5	22.25	69.3	21.48
	-5.0	-5.6	73.5	23.75	73.5	23.26	73.0	22.81	73.0	22.20	73.0	21.63	71.7	20.89
	-3.0	-3.7	76.1	23.16	76.1	22.64	75.6	22.17	75.6	21.58	75.6	21.00	74.0	20.30
	0.0	-0.7	80.0	22.27	80.0	21.72	79.5	21.22	79.5	20.63	79.5	20.07	77.5	19.42
	3.0	2.2	83.9	21.39	83.9	20.79	83.4	20.26	83.4	19.69	83.4	19.13	78.2	18.53
	5.0	4.1	86.5	20.80	86.5	20.17	86.0	19.63	86.0	19.06	84.0	18.51	78.2	17.94
	7.0	6.0	89.1	20.21	89.1	19.56	88.5	18.99	87.1	18.44	84.0	17.89	78.2	17.35
	9.0	7.9	89.6	19.73	89.6	19.09	89.3	18.54	87.1	18.00	84.0	17.46	78.2	16.94
	11.0	9.8	89.6	19.42	89.6	18.79	89.3	18.25	87.1	17.72	84.0	17.19	78.2	16.67
	13.0	11.8	89.6	19.08	89.6	18.47	89.3	17.93	87.1	17.41	84.0	16.89	78.2	16.39
15.0	13.7	89.6	18.72	89.6	18.12	89.3	17.59	87.1	17.08	84.0	16.57	78.2	16.08	
120	-24.8	-25	43.1	23.49	43.1	23.56	42.9	23.66	42.9	23.76	42.9	23.92	42.0	24.03
	-21.8	-22	52.4	23.65	52.4	23.72	52.1	23.82	52.1	23.92	52.1	24.07	51.1	24.18
	-19.8	-20	55.3	23.75	55.3	23.82	54.9	23.92	54.9	24.02	54.9	24.18	53.9	24.29
	-18.8	-19	56.5	23.80	56.5	23.87	56.1	23.98	56.1	24.07	56.1	24.23	55.1	24.34
	-16.7	-17	59.0	23.91	59.0	23.98	58.6	24.08	58.6	24.18	58.6	24.34	57.5	23.77
	-13.7	-15	62.6	24.07	62.6	24.14	62.2	24.24	62.2	24.34	62.2	23.49	61.0	22.96
	-11.8	-13	64.6	24.17	64.6	24.23	64.2	24.34	64.2	23.74	64.2	22.96	63.2	22.44
	-9.8	-11	66.8	24.27	66.8	24.34	66.4	23.68	66.4	23.11	66.4	22.39	65.6	21.90
	-9.5	-10	67.2	24.29	67.2	24.24	66.8	23.59	66.8	23.02	66.8	22.31	65.9	21.82
	-8.5	-9.1	68.5	24.34	68.5	23.89	68.0	23.26	68.0	22.70	68.0	22.03	67.1	21.55
	-7.0	-7.6	70.4	23.83	70.4	23.37	70.0	22.77	70.0	22.23	70.0	21.61	68.8	21.14
	-5.0	-5.6	73.0	23.15	73.0	22.68	72.5	22.11	72.5	21.60	72.5	21.04	71.1	20.60
	-3.0	-3.7	75.6	22.47	75.6	21.99	75.1	21.45	75.1	20.97	75.1	20.48	73.5	20.06
	0.0	-0.7	79.4	21.44	79.4	20.96	78.9	20.47	78.9	20.03	78.9	19.63	73.5	19.24
	3.0	2.2	83.3	20.42	83.3	19.92	82.8	19.49	81.6	19.09	79.1	18.79	73.5	18.43
	5.0	4.1	85.9	19.74	85.9	19.23	84.5	18.83	81.6	18.46	79.1	18.22	73.5	17.89
	7.0	6.0	88.5	19.06	87.9	18.54	84.5	18.18	81.6	17.83	79.1	17.66	73.5	17.35
	9.0	7.9	88.8	18.56	87.9	18.05	84.5	17.70	81.6	17.36	79.1	17.19	73.5	16.89
	11.0	9.8	88.8	18.22	87.9	17.72	84.5	17.37	81.6	17.04	79.1	16.88	73.5	16.58
	13.0	11.8	88.8	17.85	87.9	17.36	84.5	17.02	81.6	16.70	79.1	16.54	73.5	16.24
15.0	13.7	88.8	17.45	87.9	16.98	84.5	16.64	81.6	16.33	79.1	16.17	73.5	15.88	
110	-24.8	-25	42.9	23.56	42.9	23.66	42.6	23.76	42.6	23.92	42.6	24.03	41.8	24.08
	-21.8	-22	52.1	23.72	52.1	23.82	51.8	23.92	51.8	24.07	51.8	24.18	50.8	24.23
	-19.8	-20	55.0	23.82	55.0	23.92	54.7	24.02	54.7	24.18	54.7	24.29	53.6	24.34
	-18.8	-19	56.2	23.87	56.2	23.98	55.8	24.07	55.8	24.23	55.8	24.34	54.8	24.04
	-16.7	-17	58.7	23.98	58.7	24.08	58.3	24.18	58.3	24.34	58.3	23.72	57.2	23.40
	-13.7	-15	62.2	24.14	62.2	24.24	61.9	24.34	61.9	23.40	61.9	22.83	61.9	22.49
	-11.8	-13	64.3	24.23	64.3	24.34	63.9	23.68	63.9	22.81	63.9	22.27	63.9	21.91
	-9.8	-11	66.4	24.34	66.4	23.60	66.0	22.99	66.0	22.19	66.0	21.68	65.5	21.31
	-9.5	-10	66.8	24.22	66.8	23.48	66.4	22.88	66.4	22.09	66.4	21.60	66.1	21.22
	-8.5	-9.1	68.1	23.82	68.1	23.11	67.7	22.53	67.7	21.78	67.7	21.30	66.1	20.91
	-7.0	-7.6	70.0	23.22	70.0	22.55	69.6	22.01	69.6	21.31	69.6	20.86	66.1	20.46
	-5.0	-5.6	72.6	22.42	72.6	21.81	72.1	21.32	72.1	20.69	70.8	20.27	66.1	19.85
	-3.0	-3.7	75.2	21.62	75.2	21.07	74.7	20.63	73.3	20.07	70.8	19.68	66.1	19.24
	0.0	-0.7	79.0	20.42	79.0	19.95	75.8	19.58	73.3	19.13	70.8	18.79	66.1	18.33
	3.0	2.2	82.9	19.22	80.7	18.84	75.8	18.54	73.3	18.19	70.8	17.91	66.1	17.43
	5.0	4.1	85.4	18.42	80.7	18.09	75.8	17.85	73.3	17.57	70.8	17.32	66.1	16.82
	7.0	6.0	85.4	17.61	80.7	17.35	75.8	17.16	73.3	16.95	70.8	16.73	66.1	16.21
	9.0	7.9	85.4	17.07	80.7	16.81	75.8	16.63	73.3	16.42	70.8	16.21	66.1	15.71
	11.0	9.8	85.4	16.67	80.7	16.42	75.8	16.24	73.3	16.04	70.8	15.84	66.1	15.35
	13.0	11.8	85.4	16.25	80.7	16.01	75.8	15.83	73.3	15.63	70.8	15.43	66.1	14.96
15.0	13.7	85.4	15.80	80.7	15.56	75.8	15.39	73.3	15.20	70.8	15.00	66.1	14.54	

7. Capacity Tables

Heating Capacity (22HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	42.7	25.78	42.7	25.59	42.4	23.58	42.4	25.12	42.4	24.92	41.6	24.82
	-21.8	-22	51.9	25.49	51.9	25.30	51.6	24.32	51.6	24.83	51.6	24.94	50.6	24.53
	-19.8	-20	54.8	25.30	54.8	25.11	54.4	24.78	54.4	24.64	54.4	24.54	53.4	24.34
	-18.8	-19	55.9	25.20	55.6	25.01	55.6	24.83	55.6	24.54	55.6	24.34	54.5	23.96
	-16.7	-17	58.1	25.00	58.1	24.81	58.1	24.94	57.7	24.34	57.7	23.57	56.6	23.18
	-13.7	-15	61.9	24.71	61.9	24.52	61.6	24.34	61.6	23.22	61.6	22.46	60.4	22.05
	-11.8	-13	63.9	24.53	63.6	24.34	63.6	23.59	63.6	22.52	63.6	21.77	60.4	21.34
	-9.8	-11	66.1	24.34	66.1	23.51	65.7	22.81	65.7	21.77	64.9	21.03	60.4	20.59
	-9.5	-10	66.4	24.21	66.4	23.38	66.1	22.69	66.1	21.66	64.9	20.92	60.4	20.48
	-8.5	-9.1	67.7	23.78	67.7	22.97	67.4	22.30	67.1	21.29	64.9	20.55	60.4	20.10
	-7.0	-7.6	70.8	23.12	70.5	22.34	69.3	21.71	67.1	20.73	64.9	20.00	60.4	19.54
	-5.0	-5.6	73.9	22.26	73.2	21.51	69.3	20.93	67.1	19.99	64.9	19.27	60.4	18.79
	-3.0	-3.7	76.0	21.39	73.7	20.68	69.3	20.15	67.1	19.25	64.9	18.53	60.4	18.04
	0.0	-0.7	78.2	20.09	73.7	19.43	69.3	18.97	67.1	18.13	64.9	17.43	60.4	16.91
	3.0	2.2	78.2	18.79	73.7	18.18	69.3	17.80	67.1	17.01	64.9	16.33	60.4	15.79
	5.0	4.1	78.2	17.92	73.7	17.35	69.3	17.01	67.1	16.27	64.9	15.59	60.4	15.04
	7.0	6.0	78.2	17.05	73.7	16.52	69.3	16.23	67.1	15.53	64.9	14.86	60.4	14.29
	9.0	7.9	78.2	16.46	73.7	15.94	69.3	15.66	67.1	14.98	64.9	14.34	60.4	13.79
	11.0	9.8	78.2	16.00	73.7	15.50	69.3	15.23	67.1	14.57	64.9	13.94	60.4	13.40
13.0	11.8	78.2	15.51	73.7	15.02	69.3	14.76	67.1	14.12	64.9	13.51	60.4	13.00	
15.0	13.7	78.2	14.99	73.7	14.52	69.3	14.27	67.1	13.65	64.9	13.06	60.4	12.56	
90	-24.8	-25	42.5	23.07	42.5	23.22	42.3	23.33	42.3	23.38	42.3	23.49	41.5	23.64
	-21.8	-22	51.7	23.22	51.7	23.38	51.4	23.49	51.4	23.54	51.4	23.64	50.4	22.64
	-19.8	-20	54.5	23.33	54.5	23.48	54.2	23.59	54.2	23.64	54.2	22.96	53.2	21.97
	-18.8	-19	55.9	23.38	55.6	23.53	55.4	23.64	55.4	23.29	55.4	22.62	54.3	21.63
	-16.7	-17	58.1	23.49	58.1	23.64	57.8	22.92	57.8	22.55	57.8	21.90	55.2	20.93
	-13.7	-15	61.9	23.64	61.9	22.56	61.3	21.88	61.3	21.49	59.5	20.87	55.2	19.92
	-11.8	-13	63.9	22.90	63.6	21.88	63.4	21.22	61.4	20.82	59.5	20.22	55.2	19.29
	-9.8	-11	66.1	22.12	66.1	21.16	63.4	20.52	61.4	20.12	59.5	19.53	55.2	18.62
	-9.5	-10	66.4	22.01	66.4	21.05	63.4	20.42	61.4	20.01	59.5	19.43	55.2	18.52
	-8.5	-9.1	67.7	21.62	67.3	20.69	63.4	20.07	61.4	19.66	59.5	19.09	55.2	18.18
	-7.0	-7.6	70.8	21.03	67.4	20.15	63.4	19.55	61.4	19.13	59.5	18.57	55.2	17.68
	-5.0	-5.6	71.6	20.26	67.4	19.43	63.4	18.86	61.4	18.43	59.5	17.89	55.2	17.01
	-3.0	-3.7	71.6	19.48	67.4	18.71	63.4	18.17	61.4	17.72	59.5	17.20	55.2	16.34
	0.0	-0.7	71.6	18.31	67.4	17.63	63.4	17.13	61.4	16.66	59.5	16.17	55.2	15.33
	3.0	2.2	71.6	17.14	67.4	16.55	63.4	16.09	61.4	15.61	59.5	15.15	55.2	14.33
	5.0	4.1	71.6	16.36	67.4	15.82	63.4	15.39	61.4	14.90	59.5	14.46	55.2	13.66
	7.0	6.0	71.6	15.58	67.4	15.10	63.4	14.70	61.4	14.20	59.5	13.78	55.2	12.99
	9.0	7.9	71.6	14.85	67.4	14.39	63.4	14.01	61.4	13.53	59.5	13.13	55.2	12.38
	11.0	9.8	71.6	14.11	67.4	13.68	63.4	13.31	61.4	12.86	59.5	12.48	55.2	11.76
13.0	11.8	71.6	13.38	67.4	12.97	63.4	12.62	61.4	12.19	59.5	11.83	55.2	11.15	
15.0	13.7	71.6	12.64	67.4	12.25	63.4	11.92	61.4	11.52	59.5	11.18	55.2	10.54	
80	-24.8	-25	42.4	20.39	42.4	20.54	42.1	20.65	42.1	20.71	42.1	20.96	41.3	20.08
	-21.8	-22	51.2	20.54	51.2	20.70	51.2	20.81	51.2	20.96	51.2	20.08	49.3	19.23
	-19.8	-20	54.0	20.65	54.0	20.80	54.0	20.96	54.0	20.34	53.0	19.49	49.3	18.66
	-18.8	-19	55.1	20.70	55.1	20.96	55.1	20.65	55.0	20.03	53.0	19.20	49.3	18.38
	-16.7	-17	56.7	20.96	56.7	20.31	56.7	19.99	55.0	19.38	53.0	18.58	49.3	17.79
	-13.7	-15	59.3	19.99	58.1	19.37	56.7	19.04	55.0	18.44	53.0	17.69	49.3	16.94
	-11.8	-13	60.8	19.37	59.0	18.77	56.7	18.44	55.0	17.85	53.0	17.13	49.3	16.40
	-9.8	-11	62.5	18.73	59.9	18.15	56.7	17.81	55.0	17.22	53.0	16.54	49.3	15.83
	-9.5	-10	62.9	18.63	60.2	18.05	56.7	17.71	55.0	17.13	53.0	16.46	49.3	15.75
	-8.5	-9.1	63.5	18.30	60.4	17.74	56.7	17.40	55.0	16.82	53.0	16.16	49.3	15.46
	-7.0	-7.6	64.1	17.82	60.4	17.27	56.7	16.93	55.0	16.35	53.0	15.72	49.3	15.04
	-5.0	-5.6	64.1	17.17	60.4	16.64	56.7	16.29	55.0	15.73	53.0	15.13	49.3	14.47
	-3.0	-3.7	64.1	16.52	60.4	16.02	56.7	15.66	55.0	15.10	53.0	14.54	49.3	13.90
	0.0	-0.7	64.1	15.55	60.4	15.08	56.7	14.72	55.0	14.17	53.0	13.66	49.3	13.05
	3.0	2.2	64.1	14.57	60.4	14.14	56.7	13.77	55.0	13.23	53.0	12.77	49.3	12.20
	5.0	4.1	64.1	13.92	60.4	13.51	56.7	13.14	55.0	12.61	53.0	12.18	49.3	11.64
	7.0	6.0	64.1	13.27	60.4	12.89	56.7	12.51	55.0	11.99	53.0	11.59	49.3	11.07
	9.0	7.9	64.1	12.46	60.4	12.10	56.7	11.74	55.0	11.26	53.0	10.89	49.3	10.39
	11.0	9.8	64.1	11.57	60.4	11.23	56.7	10.90	55.0	10.45	53.0	10.10	49.3	9.65
13.0	11.8	64.1	10.80	60.4	10.48	56.7	10.17	55.0	9.75	53.0	9.43	49.3	9.00	
15.0	13.7	64.1	10.16	60.4	9.87	56.7	9.58	55.0	9.18	53.0	8.88	49.3	8.48	

7. Capacity Tables

Heating Capacity (22HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	42.4	20.16	42.4	20.21	42.1	20.32	42.1	20.47	42.1	19.51	41.3	18.60
	-21.8	-22	48.6	20.32	48.6	20.37	48.3	20.47	46.6	19.51	45.3	18.60	42.2	17.73
	-19.8	-20	52.7	20.42	51.3	20.47	48.3	19.80	46.6	18.86	45.3	18.00	42.2	17.15
	-18.8	-19	54.4	20.47	51.3	20.12	48.3	19.46	46.6	18.54	45.3	17.70	42.2	16.86
	-16.7	-17	54.4	19.75	51.3	19.39	48.3	18.75	46.6	17.87	45.3	17.07	42.2	16.24
	-13.7	-15	54.4	18.71	51.3	18.34	48.3	17.73	46.6	16.90	45.3	16.16	42.2	15.37
	-11.8	-13	54.4	18.06	51.3	17.67	48.3	17.09	46.6	16.29	45.3	15.59	42.2	14.81
	-9.8	-11	54.4	17.36	51.3	16.97	48.3	16.41	46.6	15.65	45.3	14.99	42.2	14.23
	-9.5	-10	54.4	17.26	51.3	16.87	48.3	16.31	46.6	15.55	45.3	14.90	42.2	14.14
	-8.5	-9.1	54.4	16.91	51.3	16.52	48.3	15.97	46.6	15.23	45.3	14.60	42.2	13.85
	-7.0	-7.6	54.4	16.40	51.3	15.99	48.3	15.46	46.6	14.74	45.3	14.15	42.2	13.42
	-5.0	-5.6	54.4	15.71	51.3	15.29	48.3	14.79	46.6	14.10	45.3	13.54	42.2	12.83
	-3.0	-3.7	54.4	15.01	51.3	14.59	48.3	14.11	46.6	13.46	45.3	12.94	42.2	12.25
	0.0	-0.7	54.4	13.98	51.3	13.54	48.3	13.09	46.6	12.49	45.3	12.04	42.2	11.37
	3.0	2.2	54.4	12.94	51.3	12.49	48.3	12.08	46.6	11.52	45.3	11.13	42.2	10.50
	5.0	4.1	54.4	12.25	51.3	11.79	48.3	11.40	46.6	10.88	45.3	10.53	42.2	9.92
	7.0	6.0	54.4	11.56	51.3	11.09	48.3	10.72	46.6	10.24	45.3	9.93	42.2	9.33
	9.0	7.9	54.4	10.44	51.3	10.02	48.3	9.68	46.6	9.24	45.3	8.97	42.2	8.43
	11.0	9.8	54.4	9.72	51.3	9.33	48.3	9.02	46.6	8.61	45.3	8.35	42.2	7.85
	13.0	11.8	54.4	9.09	51.3	8.73	48.3	8.43	46.6	8.05	45.3	7.81	42.2	7.34
15.0	13.7	54.4	8.57	51.3	8.23	48.3	7.95	46.6	7.59	45.3	7.36	42.2	6.92	
60	-24.8	-25	41.6	19.99	41.6	20.09	41.4	20.25	40.0	19.20	38.6	18.22	36.1	17.30
	-21.8	-22	44.6	20.15	44.1	20.25	41.4	19.20	40.0	18.22	38.6	17.30	36.1	16.41
	-19.8	-20	46.6	20.25	44.1	19.51	41.4	18.51	40.0	17.57	38.6	16.68	36.1	15.81
	-18.8	-19	46.6	19.88	44.1	19.14	41.4	18.16	40.0	17.24	38.6	16.38	36.1	15.52
	-16.7	-17	46.6	19.09	44.1	18.36	41.4	17.42	40.0	16.55	38.6	15.73	36.1	14.89
	-13.7	-15	46.6	17.97	44.1	17.26	41.4	16.38	40.0	15.57	38.6	14.81	36.1	14.00
	-11.8	-13	46.6	17.27	44.1	16.55	41.4	15.71	40.0	14.95	38.6	14.22	36.1	13.44
	-9.8	-11	46.6	16.52	44.1	15.81	41.4	15.02	40.0	14.30	38.6	13.61	36.1	12.84
	-9.5	-10	46.6	16.41	44.1	15.70	41.4	14.91	40.0	14.20	38.6	13.52	36.1	12.75
	-8.5	-9.1	46.6	16.03	44.1	15.33	41.4	14.56	40.0	13.87	38.6	13.21	36.1	12.46
	-7.0	-7.6	46.6	15.48	44.1	14.78	41.4	14.04	40.0	13.38	38.6	12.75	36.1	12.01
	-5.0	-5.6	46.6	14.73	44.1	14.04	41.4	13.34	40.0	12.73	38.6	12.13	36.1	11.42
	-3.0	-3.7	46.6	13.98	44.1	13.30	41.4	12.64	40.0	12.07	38.6	11.52	36.1	10.82
	0.0	-0.7	46.6	12.86	44.1	12.19	41.4	11.60	40.0	11.09	38.6	10.59	36.1	9.93
	3.0	2.2	46.6	11.74	44.1	11.08	41.4	10.55	40.0	10.11	38.6	9.67	36.1	9.04
	5.0	4.1	46.6	11.00	44.1	10.34	41.4	9.85	40.0	9.45	38.6	9.06	36.1	8.44
	7.0	6.0	46.6	10.25	44.1	9.60	41.4	9.16	40.0	8.80	38.6	8.44	36.1	7.85
	9.0	7.9	46.6	9.15	44.1	8.57	41.4	8.17	40.0	7.85	38.6	7.53	36.1	7.00
	11.0	9.8	46.6	8.54	44.1	8.00	41.4	7.63	40.0	7.33	38.6	7.03	36.1	6.54
	13.0	11.8	46.6	8.00	44.1	7.50	41.4	7.15	40.0	6.87	38.6	6.59	36.1	6.13
15.0	13.7	46.6	7.56	44.1	7.08	41.4	6.75	40.0	6.49	38.6	6.23	36.1	5.79	
50	-24.8	-25	38.9	17.25	36.7	17.40	34.5	16.49	33.4	15.64	32.3	14.83	30.1	14.08
	-21.8	-22	38.9	17.40	36.7	16.49	34.5	15.64	33.4	14.83	32.3	14.08	30.1	13.36
	-19.8	-20	38.9	16.77	36.7	15.89	34.5	15.07	33.4	14.30	32.3	13.58	30.1	12.87
	-18.8	-19	38.9	16.45	36.7	15.58	34.5	14.79	33.4	14.03	32.3	13.33	30.1	12.63
	-16.7	-17	38.9	15.79	36.7	14.94	34.5	14.19	33.4	13.46	32.3	12.80	30.1	12.13
	-13.7	-15	38.9	14.84	36.7	14.03	34.5	13.34	33.4	12.65	32.3	12.05	30.1	11.40
	-11.8	-13	38.9	14.23	36.7	13.45	34.5	12.80	33.4	12.14	32.3	11.58	30.1	10.94
	-9.8	-11	38.9	13.60	36.7	12.85	34.5	12.23	33.4	11.61	32.3	11.08	30.1	10.46
	-9.5	-10	38.9	13.50	36.7	12.76	34.5	12.15	33.4	11.52	32.3	11.00	30.1	10.39
	-8.5	-9.1	38.9	13.19	36.7	12.45	34.5	11.86	33.4	11.26	32.3	10.75	30.1	10.15
	-7.0	-7.6	38.9	12.71	36.7	12.00	34.5	11.44	33.4	10.85	32.3	10.37	30.1	9.79
	-5.0	-5.6	38.9	12.08	36.7	11.39	34.5	10.87	33.4	10.31	32.3	9.87	30.1	9.30
	-3.0	-3.7	38.9	11.44	36.7	10.78	34.5	10.30	33.4	9.78	32.3	9.37	30.1	8.82
	0.0	-0.7	38.9	10.49	36.7	9.87	34.5	9.45	33.4	8.97	32.3	8.62	30.1	8.10
	3.0	2.2	38.9	9.54	36.7	8.96	34.5	8.60	33.4	8.16	32.3	7.87	30.1	7.37
	5.0	4.1	38.9	8.90	36.7	8.35	34.5	8.03	33.4	7.62	32.3	7.37	30.1	6.89
	7.0	6.0	38.9	8.27	36.7	7.74	34.5	7.46	33.4	7.09	32.3	6.87	30.1	6.41
	9.0	7.9	38.9	7.47	36.7	6.99	34.5	6.74	33.4	6.40	32.3	6.20	30.1	5.78
	11.0	9.8	38.9	6.99	36.7	6.54	34.5	6.30	33.4	5.99	32.3	5.80	30.1	5.41
	13.0	11.8	38.9	6.56	36.7	6.14	34.5	5.92	33.4	5.62	32.3	5.45	30.1	5.08
15.0	13.7	38.9	6.21	36.7	5.81	34.5	5.60	33.4	5.32	32.3	5.15	30.1	4.81	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM240BTE5

Heating Capacity (24HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	45.4	25.53	45.4	25.73	45.1	25.91	45.1	26.19	45.1	26.45	44.3	26.86
	-21.8	-22	56.0	25.94	56.0	26.15	55.6	26.33	55.6	26.60	55.6	26.86	54.5	27.28
	-19.8	-20	59.4	26.22	59.4	26.42	59.0	26.60	59.0	26.88	59.0	27.14	57.9	27.55
	-18.8	-19	60.8	26.35	60.8	26.56	60.4	26.74	60.4	27.02	60.4	27.28	59.2	27.69
	-16.7	-17	63.6	26.64	63.6	26.85	63.2	27.03	63.2	27.31	63.2	27.57	62.0	27.98
	-13.7	-15	67.6	27.06	67.6	27.26	67.2	27.44	67.2	27.72	67.2	27.98	65.9	26.97
	-11.8	-13	69.8	27.32	69.8	27.53	69.4	27.71	69.4	27.98	69.4	27.30	68.4	26.32
	-9.8	-11	72.1	27.60	72.1	27.80	71.7	27.98	71.7	27.26	71.7	26.59	71.0	25.64
	-9.5	-10	72.5	27.64	72.5	27.84	72.1	27.87	72.1	27.15	72.0	26.48	71.4	25.54
	-8.5	-9.1	73.9	27.78	73.9	27.98	73.5	27.51	73.5	26.79	73.2	26.12	72.7	25.20
	-7.0	-7.6	76.0	27.98	76.0	27.45	75.5	26.96	75.5	26.25	75.5	25.58	74.6	24.69
	-5.0	-5.6	78.8	27.30	78.8	26.74	78.3	26.23	78.3	25.53	78.3	24.87	77.2	24.02
	-3.0	-3.7	81.6	26.63	81.6	26.03	81.1	25.49	81.1	24.81	81.1	24.15	79.8	23.34
	0.0	-0.7	85.8	25.61	85.8	24.97	85.2	24.39	85.2	23.72	85.2	23.07	83.8	22.32
	3.0	2.2	90.0	24.59	90.0	23.90	89.4	23.30	89.4	22.64	89.4	22.00	83.9	21.31
	5.0	4.1	92.7	23.91	92.7	23.19	92.2	22.56	92.2	21.92	90.1	21.28	83.9	20.63
	7.0	6.0	95.5	23.23	95.5	22.49	94.9	21.83	93.4	21.20	90.1	20.57	83.9	19.95
9.0	7.9	96.0	22.68	96.0	21.95	95.7	21.31	93.4	20.69	90.1	20.08	83.9	19.47	
11.0	9.8	96.0	22.33	96.0	21.61	95.7	20.98	93.4	20.37	90.1	19.76	83.9	19.17	
13.0	11.8	96.0	21.94	96.0	21.23	95.7	20.62	93.4	20.02	90.1	19.42	83.9	18.84	
15.0	13.7	96.0	21.53	96.0	20.83	95.7	20.23	93.4	19.64	90.1	19.05	83.9	18.48	
120	-24.8	-25	45.1	25.73	45.1	25.91	44.8	26.19	44.8	26.45	44.8	26.86	44.0	27.15
	-21.8	-22	55.6	26.15	55.6	26.33	55.2	26.60	55.2	26.86	55.2	27.28	54.2	27.57
	-19.8	-20	59.0	26.42	59.0	26.60	58.6	26.88	58.6	27.14	58.6	27.55	57.5	27.84
	-18.8	-19	60.3	26.56	60.3	26.74	59.9	27.02	59.9	27.28	59.9	27.69	58.8	27.98
	-16.7	-17	63.1	26.85	63.1	27.03	62.7	27.31	62.7	27.57	62.7	27.98	61.5	27.33
	-13.7	-15	67.1	27.26	67.1	27.44	66.7	27.72	66.7	27.98	66.7	27.01	65.4	26.39
	-11.8	-13	69.3	27.53	69.3	27.71	68.9	27.98	68.9	27.30	68.9	26.40	67.9	25.80
	-9.8	-11	71.6	27.80	71.6	27.98	71.2	27.23	71.2	26.57	71.2	25.75	70.5	25.18
	-9.5	-10	72.0	27.84	72.0	27.86	71.6	27.12	71.6	26.46	71.6	25.65	70.9	25.08
	-8.5	-9.1	73.4	27.98	73.4	27.47	72.9	26.74	72.9	26.10	72.9	25.33	72.1	24.77
	-7.0	-7.6	75.5	27.40	75.5	26.87	75.0	26.17	75.0	25.56	75.0	24.84	74.1	24.31
	-5.0	-5.6	78.3	26.61	78.3	26.08	77.8	25.42	77.8	24.84	77.8	24.19	76.7	23.68
	-3.0	-3.7	81.0	25.83	81.0	25.29	80.5	24.67	80.5	24.11	80.5	23.55	78.8	23.06
	0.0	-0.7	85.2	24.65	85.2	24.10	84.6	23.54	84.6	23.03	84.6	22.57	78.8	22.12
	3.0	2.2	89.3	23.48	89.3	22.91	88.8	22.41	87.5	21.95	84.8	21.60	78.8	21.19
	5.0	4.1	92.1	22.70	92.1	22.11	90.5	21.65	87.5	21.22	84.8	20.95	78.8	20.57
	7.0	6.0	94.9	21.91	94.3	21.32	90.5	20.90	87.5	20.50	84.8	20.31	78.8	19.94
9.0	7.9	95.3	21.33	94.3	20.76	90.5	20.35	87.5	19.96	84.8	19.77	78.8	19.42	
11.0	9.8	95.3	20.94	94.3	20.38	90.5	19.97	87.5	19.59	84.8	19.41	78.8	19.06	
13.0	11.8	95.3	20.52	94.3	19.96	90.5	19.57	87.5	19.20	84.8	19.01	78.8	18.68	
15.0	13.7	95.3	20.06	94.3	19.52	90.5	19.14	87.5	18.77	84.8	18.59	78.8	18.26	
110	-24.8	-25	44.9	25.91	44.9	26.19	44.6	26.45	44.6	26.86	44.6	27.15	43.7	27.29
	-21.8	-22	55.3	26.33	55.3	26.60	54.9	26.86	54.9	27.28	54.9	27.57	53.9	27.71
	-19.8	-20	58.7	26.60	58.7	26.88	58.3	27.14	58.3	27.55	58.3	27.84	57.2	27.98
	-18.8	-19	60.0	26.74	60.0	27.02	59.6	27.28	59.6	27.69	59.6	27.98	58.5	27.63
	-16.7	-17	62.8	27.03	62.8	27.31	62.4	27.57	62.4	27.98	62.4	27.27	61.2	26.90
	-13.7	-15	66.7	27.44	66.7	27.72	66.3	27.98	66.3	26.91	66.3	26.25	66.3	25.86
	-11.8	-13	68.9	27.71	68.9	27.98	68.5	27.22	68.5	26.23	68.5	25.61	68.5	25.19
	-9.8	-11	71.2	27.98	71.2	27.13	70.8	26.43	70.8	25.51	70.8	24.93	70.5	24.50
	-9.5	-10	71.6	27.84	71.6	27.00	71.2	26.31	71.2	25.40	71.2	24.83	70.9	24.39
	-8.5	-9.1	73.0	27.38	73.0	26.57	72.6	25.91	72.6	25.04	72.6	24.49	70.9	24.04
	-7.0	-7.6	75.1	26.69	75.1	25.93	74.6	25.31	74.6	24.50	74.6	23.98	70.9	23.52
	-5.0	-5.6	77.8	25.77	77.8	25.08	77.3	24.51	77.3	23.79	75.9	23.30	70.9	22.82
	-3.0	-3.7	80.6	24.85	80.6	24.22	80.1	23.71	78.6	23.07	75.9	22.63	70.9	22.13
	0.0	-0.7	84.7	23.47	84.7	22.94	81.2	22.52	78.6	21.99	75.9	21.61	70.9	21.08
	3.0	2.2	88.8	22.09	86.6	21.66	81.2	21.32	78.6	20.92	75.9	20.59	70.9	20.03
	5.0	4.1	91.6	21.17	86.6	20.80	81.2	20.52	78.6	20.20	75.9	19.91	70.9	19.34
	7.0	6.0	91.6	20.25	86.6	19.95	81.2	19.72	78.6	19.48	75.9	19.23	70.9	18.64
9.0	7.9	91.6	19.63	86.6	19.33	81.2	19.11	78.6	18.88	75.9	18.64	70.9	18.06	
11.0	9.8	91.6	19.17	86.6	18.88	81.2	18.67	78.6	18.44	75.9	18.21	70.9	17.65	
13.0	11.8	91.6	18.68	86.6	18.40	81.2	18.20	78.6	17.97	75.9	17.74	70.9	17.20	
15.0	13.7	91.6	18.16	86.6	17.89	81.2	17.69	78.6	17.47	75.9	17.25	70.9	16.72	

7. Capacity Tables

Heating Capacity (24HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	44.7	28.77	44.7	28.66	44.4	26.74	44.4	28.41	44.4	28.30	43.5	28.24
	-21.8	-22	55.0	28.61	55.0	28.50	54.7	27.58	54.7	28.25	54.7	28.54	53.6	28.09
	-19.8	-20	58.4	28.50	58.4	28.40	58.1	28.11	58.1	28.14	58.1	28.17	57.0	27.98
	-18.8	-19	59.7	28.45	59.4	28.35	59.4	28.25	59.4	28.09	59.4	27.98	58.2	27.55
	-16.7	-17	62.1	28.34	62.1	28.24	62.1	28.54	61.8	27.98	61.8	27.10	60.6	26.65
	-13.7	-15	66.4	28.19	66.4	28.08	66.0	27.98	66.0	26.70	66.0	25.83	64.8	25.35
	-11.8	-13	68.6	28.09	68.2	27.98	68.2	27.13	68.2	25.89	68.2	25.02	64.8	24.53
	-9.8	-11	70.8	27.98	70.8	27.03	70.5	26.23	70.5	25.03	69.5	24.18	64.8	23.67
	-9.5	-10	71.2	27.83	71.2	26.88	70.9	26.09	70.9	24.91	69.5	24.05	64.8	23.54
	-8.5	-9.1	72.6	27.33	72.6	26.40	72.3	25.64	71.9	24.48	69.5	23.63	64.8	23.11
	-7.0	-7.6	75.9	26.59	75.6	25.69	74.3	24.97	71.9	23.84	69.5	23.00	64.8	22.46
	-5.0	-5.6	79.2	25.59	78.4	24.73	74.3	24.06	71.9	22.98	69.5	22.15	64.8	21.60
	-3.0	-3.7	81.5	24.59	79.1	23.77	74.3	23.16	71.9	22.13	69.5	21.31	64.8	20.74
	0.0	-0.7	83.8	23.10	79.1	22.34	74.3	21.81	71.9	20.84	69.5	20.04	64.8	19.45
	3.0	2.2	83.8	21.60	79.1	20.90	74.3	20.46	71.9	19.56	69.5	18.77	64.8	18.15
	5.0	4.1	83.8	20.60	79.1	19.95	74.3	19.56	71.9	18.71	69.5	17.93	64.8	17.29
	7.0	6.0	83.8	19.61	79.1	18.99	74.3	18.66	71.9	17.85	69.5	17.08	64.8	16.43
9.0	7.9	83.8	18.92	79.1	18.32	74.3	18.01	71.9	17.23	69.5	16.48	64.8	15.85	
11.0	9.8	83.8	18.39	79.1	17.82	74.3	17.51	71.9	16.75	69.5	16.02	64.8	15.41	
13.0	11.8	83.8	17.83	79.1	17.27	74.3	16.97	71.9	16.24	69.5	15.54	64.8	14.94	
15.0	13.7	83.8	17.24	79.1	16.70	74.3	16.41	71.9	15.69	69.5	15.02	64.8	14.44	
90	-24.8	-25	44.5	25.52	44.5	25.94	44.2	26.23	44.2	26.37	44.2	26.64	43.4	27.06
	-21.8	-22	54.8	25.94	54.8	26.35	54.5	26.64	54.5	26.78	54.5	27.06	53.4	25.91
	-19.8	-20	58.2	26.21	58.2	26.63	57.8	26.92	57.8	27.06	57.8	26.28	56.7	25.15
	-18.8	-19	59.7	26.35	59.4	26.77	59.1	27.06	59.1	26.66	59.1	25.89	58.0	24.77
	-16.7	-17	62.1	26.64	62.1	27.06	61.9	26.23	61.9	25.82	61.9	25.07	59.2	23.97
	-13.7	-15	66.4	27.06	66.4	25.83	65.8	25.05	65.8	24.61	63.8	23.90	59.2	22.83
	-11.8	-13	68.6	26.22	68.2	25.05	67.9	24.30	65.9	23.85	63.8	23.16	59.2	22.10
	-9.8	-11	70.8	25.33	70.8	24.24	68.0	23.51	65.9	23.05	63.8	22.38	59.2	21.34
	-9.5	-10	71.2	25.20	71.2	24.11	68.0	23.40	65.9	22.93	63.8	22.27	59.2	21.22
	-8.5	-9.1	72.6	24.76	72.1	23.70	68.0	23.00	65.9	22.53	63.8	21.88	59.2	20.84
	-7.0	-7.6	75.9	24.10	72.2	23.09	68.0	22.41	65.9	21.93	63.8	21.29	59.2	20.27
	-5.0	-5.6	76.7	23.22	72.2	22.27	68.0	21.62	65.9	21.13	63.8	20.51	59.2	19.51
	-3.0	-3.7	76.7	22.33	72.2	21.45	68.0	20.84	65.9	20.33	63.8	19.73	59.2	18.75
	0.0	-0.7	76.7	21.01	72.2	20.23	68.0	19.66	65.9	19.13	63.8	18.56	59.2	17.60
	3.0	2.2	76.7	19.68	72.2	19.00	68.0	18.47	65.9	17.92	63.8	17.40	59.2	16.46
	5.0	4.1	76.7	18.80	72.2	18.18	68.0	17.69	65.9	17.12	63.8	16.62	59.2	15.70
	7.0	6.0	76.7	17.92	72.2	17.37	68.0	16.90	65.9	16.32	63.8	15.84	59.2	14.93
9.0	7.9	76.7	17.08	72.2	16.56	68.0	16.11	65.9	15.56	63.8	15.10	59.2	14.24	
11.0	9.8	76.7	16.25	72.2	15.75	68.0	15.32	65.9	14.80	63.8	14.36	59.2	13.54	
13.0	11.8	76.7	15.41	72.2	14.94	68.0	14.54	65.9	14.04	63.8	13.62	59.2	12.85	
15.0	13.7	76.7	14.58	72.2	14.13	68.0	13.75	65.9	13.28	63.8	12.89	59.2	12.15	
80	-24.8	-25	44.3	22.46	44.3	22.87	44.0	23.16	44.0	23.30	44.0	23.99	43.2	22.99
	-21.8	-22	54.2	22.87	54.2	23.29	54.2	23.58	54.2	23.99	54.2	22.99	52.9	22.02
	-19.8	-20	57.6	23.15	57.6	23.56	57.6	23.99	57.6	23.28	56.9	22.32	52.9	21.37
	-18.8	-19	58.9	23.29	58.9	23.99	58.9	23.63	58.9	22.93	56.9	21.98	52.9	21.05
	-16.7	-17	60.8	23.99	60.8	23.25	60.8	22.88	59.0	22.18	56.9	21.28	52.9	20.37
	-13.7	-15	63.6	22.89	62.3	22.18	60.8	21.80	59.0	21.12	56.9	20.27	52.9	19.40
	-11.8	-13	65.1	22.19	63.2	21.50	60.8	21.12	59.0	20.45	56.9	19.63	52.9	18.79
	-9.8	-11	66.8	21.45	64.1	20.79	60.8	20.41	59.0	19.74	56.9	18.96	52.9	18.15
	-9.5	-10	67.3	21.34	64.5	20.68	60.8	20.30	59.0	19.63	56.9	18.86	52.9	18.05
	-8.5	-9.1	68.0	20.97	64.8	20.33	60.8	19.94	59.0	19.28	56.9	18.53	52.9	17.73
	-7.0	-7.6	68.7	20.42	64.8	19.80	60.8	19.40	59.0	18.75	56.9	18.02	52.9	17.24
	-5.0	-5.6	68.7	19.68	64.8	19.08	60.8	18.68	59.0	18.04	56.9	17.35	52.9	16.60
	-3.0	-3.7	68.7	18.94	64.8	18.37	60.8	17.97	59.0	17.33	56.9	16.68	52.9	15.95
	0.0	-0.7	68.7	17.84	64.8	17.31	60.8	16.89	59.0	16.26	56.9	15.68	52.9	14.99
	3.0	2.2	68.7	16.73	64.8	16.24	60.8	15.81	59.0	15.20	56.9	14.67	52.9	14.02
	5.0	4.1	68.7	16.00	64.8	15.53	60.8	15.10	59.0	14.49	56.9	14.00	52.9	13.37
	7.0	6.0	68.7	15.26	64.8	14.82	60.8	14.38	59.0	13.78	56.9	13.33	52.9	12.73
9.0	7.9	68.7	14.33	64.8	13.91	60.8	13.50	59.0	12.94	56.9	12.52	52.9	11.95	
11.0	9.8	68.7	13.30	64.8	12.91	60.8	12.53	59.0	12.01	56.9	11.62	52.9	11.09	
13.0	11.8	68.7	12.41	64.8	12.05	60.8	11.70	59.0	11.21	56.9	10.84	52.9	10.35	
15.0	13.7	68.7	11.69	64.8	11.35	60.8	11.01	59.0	10.55	56.9	10.21	52.9	9.75	

7. Capacity Tables

Heating Capacity (24HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	44.3	22.60	44.3	22.74	44.0	23.02	44.0	23.43	44.0	22.33	43.2	21.30
	-21.8	-22	52.1	23.02	52.1	23.15	51.8	23.43	50.0	22.33	48.5	21.30	45.3	20.30
	-19.8	-20	57.3	23.29	55.0	23.43	51.8	22.66	50.0	21.60	48.5	20.61	45.3	19.64
	-18.8	-19	58.3	23.43	55.0	23.03	51.8	22.27	50.0	21.23	48.5	20.27	45.3	19.31
	-16.7	-17	58.3	22.61	55.0	22.20	51.8	21.46	50.0	20.46	48.5	19.55	45.3	18.61
	-13.7	-15	58.3	21.43	55.0	21.00	51.8	20.31	50.0	19.36	48.5	18.52	45.3	17.61
	-11.8	-13	58.3	20.68	55.0	20.24	51.8	19.58	50.0	18.66	48.5	17.87	45.3	16.98
	-9.8	-11	58.3	19.89	55.0	19.45	51.8	18.80	50.0	17.93	48.5	17.18	45.3	16.32
	-9.5	-10	58.3	19.77	55.0	19.33	51.8	18.69	50.0	17.82	48.5	17.08	45.3	16.22
	-8.5	-9.1	58.3	19.38	55.0	18.93	51.8	18.30	50.0	17.45	48.5	16.74	45.3	15.88
	-7.0	-7.6	58.3	18.79	55.0	18.33	51.8	17.72	50.0	16.90	48.5	16.22	45.3	15.38
	-5.0	-5.6	58.3	18.01	55.0	17.53	51.8	16.95	50.0	16.17	48.5	15.53	45.3	14.72
	-3.0	-3.7	58.3	17.22	55.0	16.74	51.8	16.18	50.0	15.44	48.5	14.85	45.3	14.06
	0.0	-0.7	58.3	16.04	55.0	15.54	51.8	15.03	50.0	14.34	48.5	13.82	45.3	13.06
	3.0	2.2	58.3	14.86	55.0	14.35	51.8	13.87	50.0	13.24	48.5	12.79	45.3	12.06
	5.0	4.1	58.3	14.07	55.0	13.55	51.8	13.10	50.0	12.50	48.5	12.10	45.3	11.40
	7.0	6.0	58.3	13.29	55.0	12.75	51.8	12.33	50.0	11.77	48.5	11.41	45.3	10.73
9.0	7.9	58.3	12.00	55.0	11.52	51.8	11.13	50.0	10.63	48.5	10.31	45.3	9.69	
11.0	9.8	58.3	11.17	55.0	10.72	51.8	10.37	50.0	9.90	48.5	9.60	45.3	9.02	
13.0	11.8	58.3	10.45	55.0	10.03	51.8	9.70	50.0	9.26	48.5	8.98	45.3	8.44	
15.0	13.7	58.3	9.86	55.0	9.46	51.8	9.14	50.0	8.73	48.5	8.47	45.3	7.96	
60	-24.8	-25	44.3	22.33	44.3	22.60	44.0	23.02	42.9	21.84	41.4	20.73	38.8	19.69
	-21.8	-22	47.7	22.74	47.3	23.02	44.4	21.84	42.9	20.73	41.4	19.69	38.8	18.69
	-19.8	-20	50.0	23.02	47.3	22.18	44.4	21.05	42.9	20.00	41.4	19.00	38.8	18.01
	-18.8	-19	50.0	22.60	47.3	21.77	44.4	20.66	42.9	19.63	41.4	18.65	38.8	17.68
	-16.7	-17	50.0	21.72	47.3	20.90	44.4	19.84	42.9	18.85	41.4	17.92	38.8	16.97
	-13.7	-15	50.0	20.46	47.3	19.65	44.4	18.66	42.9	17.75	41.4	16.88	38.8	15.97
	-11.8	-13	50.0	19.66	47.3	18.86	44.4	17.91	42.9	17.05	41.4	16.22	38.8	15.33
	-9.8	-11	50.0	18.83	47.3	18.03	44.4	17.13	42.9	16.31	41.4	15.53	38.8	14.66
	-9.5	-10	50.0	18.70	47.3	17.90	44.4	17.01	42.9	16.20	41.4	15.43	38.8	14.56
	-8.5	-9.1	50.0	18.28	47.3	17.49	44.4	16.61	42.9	15.83	41.4	15.08	38.8	14.22
	-7.0	-7.6	50.0	17.65	47.3	16.86	44.4	16.03	42.9	15.28	41.4	14.56	38.8	13.72
	-5.0	-5.6	50.0	16.82	47.3	16.03	44.4	15.24	42.9	14.54	41.4	13.87	38.8	13.05
	-3.0	-3.7	50.0	15.98	47.3	15.20	44.4	14.45	42.9	13.80	41.4	13.17	38.8	12.38
	0.0	-0.7	50.0	14.72	47.3	13.95	44.4	13.28	42.9	12.70	41.4	12.13	38.8	11.37
	3.0	2.2	50.0	13.46	47.3	12.70	44.4	12.10	42.9	11.59	41.4	11.09	38.8	10.37
	5.0	4.1	50.0	12.63	47.3	11.87	44.4	11.31	42.9	10.85	41.4	10.40	38.8	9.70
	7.0	6.0	50.0	11.79	47.3	11.04	44.4	10.53	42.9	10.12	41.4	9.71	38.8	9.02
9.0	7.9	50.0	10.52	47.3	9.85	44.4	9.39	42.9	9.03	41.4	8.66	38.8	8.05	
11.0	9.8	50.0	9.82	47.3	9.20	44.4	8.77	42.9	8.43	41.4	8.09	38.8	7.52	
13.0	11.8	50.0	9.20	47.3	8.62	44.4	8.22	42.9	7.90	41.4	7.57	38.8	7.04	
15.0	13.7	50.0	8.69	47.3	8.14	44.4	7.76	42.9	7.46	41.4	7.16	38.8	6.66	
50	-24.8	-25	41.7	19.50	39.3	19.92	37.0	18.88	35.8	17.91	34.6	16.99	32.2	16.13
	-21.8	-22	41.7	19.92	39.3	18.88	37.0	17.91	35.8	16.99	34.6	16.13	32.2	15.30
	-19.8	-20	41.7	19.19	39.3	18.19	37.0	17.26	35.8	16.37	34.6	15.56	32.2	14.75
	-18.8	-19	41.7	18.83	39.3	17.84	37.0	16.93	35.8	16.06	34.6	15.27	32.2	14.47
	-16.7	-17	41.7	18.07	39.3	17.11	37.0	16.25	35.8	15.42	34.6	14.67	32.2	13.90
	-13.7	-15	41.7	16.99	39.3	16.07	37.0	15.28	35.8	14.50	34.6	13.81	32.2	13.07
	-11.8	-13	41.7	16.30	39.3	15.41	37.0	14.67	35.8	13.92	34.6	13.27	32.2	12.55
	-9.8	-11	41.7	15.58	39.3	14.72	37.0	14.02	35.8	13.30	34.6	12.70	32.2	11.99
	-9.5	-10	41.7	15.47	39.3	14.62	37.0	13.92	35.8	13.21	34.6	12.61	32.2	11.91
	-8.5	-9.1	41.7	15.11	39.3	14.27	37.0	13.60	35.8	12.90	34.6	12.33	32.2	11.64
	-7.0	-7.6	41.7	14.57	39.3	13.75	37.0	13.11	35.8	12.44	34.6	11.90	32.2	11.22
	-5.0	-5.6	41.7	13.85	39.3	13.06	37.0	12.46	35.8	11.83	34.6	11.32	32.2	10.67
	-3.0	-3.7	41.7	13.12	39.3	12.37	37.0	11.82	35.8	11.22	34.6	10.75	32.2	10.12
	0.0	-0.7	41.7	12.04	39.3	11.33	37.0	10.84	35.8	10.29	34.6	9.90	32.2	9.29
	3.0	2.2	41.7	10.95	39.3	10.29	37.0	9.87	35.8	9.37	34.6	9.04	32.2	8.47
	5.0	4.1	41.7	10.23	39.3	9.60	37.0	9.22	35.8	8.76	34.6	8.47	32.2	7.92
	7.0	6.0	41.7	9.51	39.3	8.90	37.0	8.58	35.8	8.15	34.6	7.89	32.2	7.36
9.0	7.9	41.7	8.59	39.3	8.04	37.0	7.74	35.8	7.36	34.6	7.13	32.2	6.65	
11.0	9.8	41.7	8.03	39.3	7.52	37.0	7.25	35.8	6.88	34.6	6.67	32.2	6.22	
13.0	11.8	41.7	7.54	39.3	7.06	37.0	6.80	35.8	6.46	34.6	6.26	32.2	5.84	
15.0	13.7	41.7	7.14	39.3	6.68	37.0	6.44	35.8	6.12	34.6	5.93	32.2	5.53	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM260BTE5

Heating Capacity (26HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	46.6	26.89	46.6	27.11	46.3	27.30	46.3	27.59	46.3	27.87	45.4	28.30
	-21.8	-22	56.6	27.33	56.6	27.55	56.2	27.74	56.2	28.03	56.2	28.30	55.2	28.74
	-19.8	-20	59.7	27.62	59.7	27.84	59.3	28.03	59.3	28.32	59.3	28.60	58.2	29.03
	-18.8	-19	61.0	27.77	61.0	27.98	60.6	28.17	60.6	28.46	60.6	28.74	59.5	29.18
	-16.7	-17	63.7	28.07	63.7	28.29	63.3	28.48	63.3	28.77	63.3	29.05	62.1	29.48
	-13.7	-15	67.6	28.51	67.6	28.73	67.2	28.92	67.2	29.21	67.2	29.48	65.9	28.41
	-11.8	-13	69.8	28.78	69.8	29.00	69.4	29.19	69.4	29.48	69.4	28.77	68.3	27.73
	-9.8	-11	72.1	29.08	72.1	29.29	71.7	29.48	71.7	28.72	71.7	28.01	70.8	27.02
	-9.5	-10	72.5	29.12	72.5	29.34	72.1	29.37	72.1	28.61	72.0	27.90	71.2	26.91
	-8.5	-9.1	73.9	29.26	73.9	29.48	73.5	28.98	73.5	28.23	73.2	27.52	72.4	26.55
	-7.0	-7.6	76.0	29.48	76.0	28.92	75.5	28.40	75.5	27.66	75.5	26.95	74.3	26.02
	-5.0	-5.6	78.8	28.77	78.8	28.17	78.3	27.63	78.3	26.90	78.3	26.20	76.8	25.30
	-3.0	-3.7	81.6	28.05	81.6	27.43	81.1	26.86	81.1	26.14	81.1	25.44	79.3	24.59
	0.0	-0.7	85.8	26.98	85.8	26.31	85.2	25.70	85.2	24.99	85.2	24.31	83.1	23.52
	3.0	2.2	90.0	25.91	90.0	25.19	89.4	24.55	89.4	23.85	89.4	23.18	83.9	22.45
	5.0	4.1	92.7	25.19	92.7	24.44	92.2	23.77	92.2	23.09	90.1	22.42	83.9	21.73
	7.0	6.0	95.5	24.48	95.5	23.69	94.9	23.00	93.4	22.33	90.1	21.67	83.9	21.02
	9.0	7.9	96.0	23.90	96.0	23.12	95.7	22.45	93.4	21.80	90.1	21.15	83.9	20.52
	11.0	9.8	96.0	23.52	96.0	22.76	95.7	22.10	93.4	21.46	90.1	20.82	83.9	20.20
	13.0	11.8	96.0	23.12	96.0	22.37	95.7	21.72	93.4	21.09	90.1	20.46	83.9	19.85
15.0	13.7	96.0	22.68	96.0	21.95	95.7	21.31	93.4	20.69	90.1	20.08	83.9	19.47	
120	-24.8	-25	46.2	27.11	46.2	27.30	45.9	27.59	45.9	27.87	45.9	28.30	45.1	28.61
	-21.8	-22	56.2	27.55	56.2	27.74	55.8	28.03	55.8	28.30	55.8	28.74	54.8	29.05
	-19.8	-20	59.3	27.84	59.3	28.03	58.9	28.32	58.9	28.60	58.9	29.03	57.8	29.34
	-18.8	-19	60.6	27.98	60.6	28.17	60.2	28.46	60.2	28.74	60.2	29.18	59.0	29.48
	-16.7	-17	63.3	28.29	63.3	28.48	62.9	28.77	62.9	29.05	62.9	29.48	61.7	28.79
	-13.7	-15	67.1	28.73	67.1	28.92	66.7	29.21	66.7	29.48	66.7	28.46	65.4	27.81
	-11.8	-13	69.3	29.00	69.3	29.19	68.9	29.48	68.9	28.76	68.9	27.81	67.8	27.18
	-9.8	-11	71.6	29.29	71.6	29.48	71.2	28.69	71.2	28.00	71.2	27.13	70.3	26.53
	-9.5	-10	72.0	29.34	72.0	29.36	71.6	28.57	71.6	27.88	71.6	27.03	70.7	26.43
	-8.5	-9.1	73.4	29.48	73.4	28.94	72.9	28.17	72.9	27.50	72.9	26.68	71.9	26.10
	-7.0	-7.6	75.5	28.86	75.5	28.31	75.0	27.58	75.0	26.93	75.0	26.17	73.8	25.61
	-5.0	-5.6	78.3	28.04	78.3	27.48	77.8	26.78	77.8	26.17	77.8	25.49	76.3	24.95
	-3.0	-3.7	81.0	27.21	81.0	26.64	80.5	25.99	80.5	25.41	80.5	24.81	78.8	24.30
	0.0	-0.7	85.2	25.98	85.2	25.39	84.6	24.80	84.6	24.26	84.6	23.78	78.8	23.31
	3.0	2.2	89.3	24.74	89.3	24.13	88.8	23.61	87.5	23.12	84.8	22.76	78.8	22.33
	5.0	4.1	92.1	23.91	92.1	23.30	90.5	22.81	87.5	22.36	84.8	22.08	78.8	21.67
	7.0	6.0	94.9	23.09	94.3	22.46	90.5	22.02	87.5	21.60	84.8	21.39	78.8	21.01
	9.0	7.9	95.3	22.48	94.3	21.87	90.5	21.44	87.5	21.03	84.8	20.83	78.8	20.46
	11.0	9.8	95.3	22.06	94.3	21.47	90.5	21.04	87.5	20.64	84.8	20.45	78.8	20.08
	13.0	11.8	95.3	21.62	94.3	21.03	90.5	20.62	87.5	20.22	84.8	20.03	78.8	19.68
15.0	13.7	95.3	21.14	94.3	20.57	90.5	20.16	87.5	19.78	84.8	19.59	78.8	19.24	
110	-24.8	-25	46.0	27.30	46.0	27.59	45.7	27.87	45.7	28.30	45.7	28.61	44.8	28.76
	-21.8	-22	55.9	27.74	55.9	28.03	55.5	28.30	55.5	28.74	55.5	29.05	54.5	29.19
	-19.8	-20	59.0	28.03	59.0	28.32	58.6	28.60	58.6	29.03	58.6	29.34	57.5	29.48
	-18.8	-19	60.2	28.17	60.2	28.46	59.9	28.74	59.9	29.18	59.9	29.48	58.7	29.12
	-16.7	-17	62.9	28.48	62.9	28.77	62.5	29.05	62.5	29.48	62.5	28.73	61.3	28.34
	-13.7	-15	66.7	28.92	66.7	29.21	66.3	29.48	66.3	28.35	66.3	27.66	66.3	27.24
	-11.8	-13	68.9	29.19	68.9	29.48	68.5	28.68	68.5	27.63	68.5	26.98	68.5	26.54
	-9.8	-11	71.2	29.48	71.2	28.58	70.8	27.84	70.8	26.88	70.8	26.27	70.3	25.81
	-9.5	-10	71.6	29.34	71.6	28.45	71.2	27.72	71.2	26.76	71.2	26.16	70.9	25.70
	-8.5	-9.1	73.0	28.85	73.0	28.00	72.6	27.30	72.6	26.38	72.6	25.80	70.9	25.33
	-7.0	-7.6	75.1	28.12	75.1	27.32	74.6	26.67	74.6	25.82	74.6	25.27	70.9	24.78
	-5.0	-5.6	77.8	27.16	77.8	26.42	77.3	25.83	77.3	25.06	75.9	24.55	70.9	24.05
	-3.0	-3.7	80.6	26.19	80.6	25.52	80.1	24.98	78.6	24.31	75.9	23.84	70.9	23.31
	0.0	-0.7	84.7	24.73	84.7	24.17	81.2	23.72	78.6	23.17	75.9	22.77	70.9	22.21
	3.0	2.2	88.8	23.28	86.6	22.82	81.2	22.46	78.6	22.04	75.9	21.69	70.9	21.11
	5.0	4.1	91.6	22.31	86.6	21.92	81.2	21.62	78.6	21.28	75.9	20.98	70.9	20.37
	7.0	6.0	91.6	21.34	86.6	21.02	81.2	20.78	78.6	20.53	75.9	20.26	70.9	19.64
	9.0	7.9	91.6	20.68	86.6	20.37	81.2	20.14	78.6	19.89	75.9	19.64	70.9	19.03
	11.0	9.8	91.6	20.20	86.6	19.90	81.2	19.67	78.6	19.43	75.9	19.18	70.9	18.59
	13.0	11.8	91.6	19.68	86.6	19.39	81.2	19.17	78.6	18.94	75.9	18.70	70.9	18.12
15.0	13.7	91.6	19.14	86.6	18.85	81.2	18.64	78.6	18.41	75.9	18.17	70.9	17.61	

7. Capacity Tables

Heating Capacity (26HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	45.8	30.31	45.8	30.20	45.5	28.17	45.5	29.93	45.5	29.81	44.6	29.76
	-21.8	-22	55.7	30.14	55.7	30.03	55.3	29.06	55.3	29.76	55.3	30.07	54.3	29.59
	-19.8	-20	58.7	30.03	58.7	29.92	58.4	29.62	58.4	29.65	58.4	29.68	57.2	29.48
	-18.8	-19	60.0	29.98	59.6	29.87	59.6	29.76	59.6	29.60	59.6	29.48	58.5	29.03
	-16.7	-17	62.3	29.86	62.3	29.75	62.3	30.07	61.9	29.48	61.9	28.55	60.7	28.07
	-13.7	-15	66.4	29.70	66.4	29.59	66.0	29.48	66.0	28.13	66.0	27.21	64.8	26.71
	-11.8	-13	68.6	29.59	68.2	29.48	68.2	28.58	68.2	27.28	68.2	26.37	64.8	25.85
	-9.8	-11	70.8	29.48	70.8	28.47	70.5	27.63	70.5	26.37	69.5	25.48	64.8	24.94
	-9.5	-10	71.2	29.32	71.2	28.32	70.9	27.49	70.9	26.24	69.5	25.34	64.8	24.80
	-8.5	-9.1	72.6	28.80	72.6	27.82	72.3	27.02	71.9	25.79	69.5	24.90	64.8	24.35
	-7.0	-7.6	75.9	28.01	75.6	27.06	74.3	26.30	71.9	25.11	69.5	24.23	64.8	23.67
	-5.0	-5.6	79.2	26.96	78.4	26.06	74.3	25.35	71.9	24.21	69.5	23.34	64.8	22.76
	-3.0	-3.7	81.5	25.91	79.1	25.05	74.3	24.41	71.9	23.31	69.5	22.45	64.8	21.85
	0.0	-0.7	83.8	24.33	79.1	23.54	74.3	22.98	71.9	21.96	69.5	21.11	64.8	20.49
	3.0	2.2	83.8	22.76	79.1	22.02	74.3	21.56	71.9	20.61	69.5	19.78	64.8	19.12
	5.0	4.1	83.8	21.71	79.1	21.02	74.3	20.61	71.9	19.71	69.5	18.89	64.8	18.22
	7.0	6.0	83.8	20.66	79.1	20.01	74.3	19.66	71.9	18.81	69.5	18.00	64.8	17.31
	9.0	7.9	83.8	19.93	79.1	19.31	74.3	18.97	71.9	18.15	69.5	17.37	64.8	16.70
	11.0	9.8	83.8	19.38	79.1	18.77	74.3	18.44	71.9	17.65	69.5	16.88	64.8	16.24
	13.0	11.8	83.8	18.79	79.1	18.20	74.3	17.88	71.9	17.11	69.5	16.37	64.8	15.74
15.0	13.7	83.8	18.16	79.1	17.59	74.3	17.28	71.9	16.54	69.5	15.82	64.8	15.22	
90	-24.8	-25	45.6	26.89	45.6	27.33	45.3	27.63	45.3	27.78	45.3	28.07	44.5	28.51
	-21.8	-22	55.4	27.33	55.4	27.76	55.1	28.07	55.1	28.22	55.1	28.51	54.0	27.30
	-19.8	-20	58.5	27.62	58.5	28.06	58.1	28.36	58.1	28.51	58.1	27.69	57.0	26.50
	-18.8	-19	60.0	27.76	59.6	28.20	59.4	28.51	59.4	28.08	59.4	27.28	58.2	26.10
	-16.7	-17	62.3	28.07	62.3	28.51	62.0	27.64	62.0	27.20	62.0	26.41	59.2	25.25
	-13.7	-15	66.4	28.51	66.4	27.21	65.8	26.39	65.8	25.93	63.8	25.18	59.2	24.05
	-11.8	-13	68.6	27.62	68.2	26.40	67.9	25.60	65.9	25.13	63.8	24.40	59.2	23.29
	-9.8	-11	70.8	26.69	70.8	25.53	68.0	24.77	65.9	24.29	63.8	23.58	59.2	22.48
	-9.5	-10	71.2	26.55	71.2	25.40	68.0	24.65	65.9	24.16	63.8	23.46	59.2	22.36
	-8.5	-9.1	72.6	26.09	72.1	24.97	68.0	24.23	65.9	23.74	63.8	23.05	59.2	21.96
	-7.0	-7.6	75.9	25.39	72.2	24.33	68.0	23.61	65.9	23.11	63.8	22.43	59.2	21.36
	-5.0	-5.6	76.7	24.46	72.2	23.47	68.0	22.78	65.9	22.26	63.8	21.61	59.2	20.55
	-3.0	-3.7	76.7	23.53	72.2	22.60	68.0	21.95	65.9	21.42	63.8	20.79	59.2	19.75
	0.0	-0.7	76.7	22.13	72.2	21.31	68.0	20.71	65.9	20.15	63.8	19.56	59.2	18.55
	3.0	2.2	76.7	20.74	72.2	20.02	68.0	19.46	65.9	18.89	63.8	18.33	59.2	17.34
	5.0	4.1	76.7	19.81	72.2	19.16	68.0	18.63	65.9	18.04	63.8	17.51	59.2	16.54
	7.0	6.0	76.7	18.88	72.2	18.30	68.0	17.80	65.9	17.20	63.8	16.69	59.2	15.73
	9.0	7.9	76.7	18.00	72.2	17.44	68.0	16.98	65.9	16.40	63.8	15.91	59.2	15.00
	11.0	9.8	76.7	17.12	72.2	16.59	68.0	16.15	65.9	15.59	63.8	15.13	59.2	14.27
	13.0	11.8	76.7	16.24	72.2	15.74	68.0	15.32	65.9	14.79	63.8	14.35	59.2	13.54
15.0	13.7	76.7	15.36	72.2	14.89	68.0	14.49	65.9	13.99	63.8	13.58	59.2	12.80	
80	-24.8	-25	45.4	23.66	45.4	24.10	45.1	24.40	45.1	24.55	45.1	25.28	44.3	24.22
	-21.8	-22	54.9	24.10	54.9	24.54	54.9	24.84	54.9	25.28	54.9	24.22	52.9	23.20
	-19.8	-20	57.9	24.39	57.9	24.83	57.9	25.28	57.9	24.53	56.9	23.51	52.9	22.52
	-18.8	-19	59.1	24.54	59.1	25.28	59.1	24.90	59.0	24.16	56.9	23.16	52.9	22.18
	-16.7	-17	60.8	25.28	60.8	24.49	60.8	24.11	59.0	23.37	56.9	22.42	52.9	21.46
	-13.7	-15	63.6	24.11	62.3	23.37	60.8	22.97	59.0	22.25	56.9	21.36	52.9	20.44
	-11.8	-13	65.2	23.38	63.3	22.66	60.8	22.25	59.0	21.54	56.9	20.68	52.9	19.80
	-9.8	-11	67.0	22.60	64.2	21.91	60.8	21.50	59.0	20.80	56.9	19.98	52.9	19.12
	-9.5	-10	67.4	22.48	64.5	21.79	60.8	21.39	59.0	20.68	56.9	19.87	52.9	19.02
	-8.5	-9.1	68.1	22.09	64.8	21.42	60.8	21.01	59.0	20.31	56.9	19.52	52.9	18.68
	-7.0	-7.6	68.7	21.51	64.8	20.86	60.8	20.44	59.0	19.75	56.9	18.99	52.9	18.17
	-5.0	-5.6	68.7	20.74	64.8	20.11	60.8	19.69	59.0	19.00	56.9	18.28	52.9	17.49
	-3.0	-3.7	68.7	19.96	64.8	19.36	60.8	18.93	59.0	18.26	56.9	17.58	52.9	16.81
	0.0	-0.7	68.7	18.80	64.8	18.23	60.8	17.80	59.0	17.14	56.9	16.52	52.9	15.79
	3.0	2.2	68.7	17.63	64.8	17.11	60.8	16.66	59.0	16.01	56.9	15.46	52.9	14.77
	5.0	4.1	68.7	16.85	64.8	16.36	60.8	15.91	59.0	15.27	56.9	14.75	52.9	14.09
	7.0	6.0	68.7	16.08	64.8	15.61	60.8	15.15	59.0	14.52	56.9	14.04	52.9	13.41
	9.0	7.9	68.7	15.10	64.8	14.66	60.8	14.23	59.0	13.63	56.9	13.19	52.9	12.59
	11.0	9.8	68.7	14.01	64.8	13.60	60.8	13.20	59.0	12.65	56.9	12.24	52.9	11.68
	13.0	11.8	68.7	13.08	64.8	12.70	60.8	12.33	59.0	11.81	56.9	11.42	52.9	10.91
15.0	13.7	68.7	12.31	64.8	11.95	60.8	11.60	59.0	11.12	56.9	10.75	52.9	10.27	

7. Capacity Tables

Heating Capacity (26HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	45.4	23.81	45.4	23.96	45.1	24.25	45.1	24.69	45.1	23.53	44.3	22.44
	-21.8	-22	52.1	24.25	52.1	24.40	51.8	24.69	51.8	23.87	50.0	22.75	48.5	21.72
	-19.8	-20	56.5	24.54	55.0	24.69	51.8	23.87	50.0	22.75	48.5	21.72	45.3	20.69
	-18.8	-19	58.3	24.69	55.0	24.27	51.8	23.47	50.0	22.37	48.5	21.36	45.3	20.34
	-16.7	-17	58.3	23.82	55.0	23.39	51.8	22.61	50.0	21.56	48.5	20.60	45.3	19.61
	-13.7	-15	58.3	22.57	55.0	22.13	51.8	21.40	50.0	20.40	48.5	19.51	45.3	18.56
	-11.8	-13	58.3	21.79	55.0	21.33	51.8	20.62	50.0	19.66	48.5	18.83	45.3	17.89
	-9.8	-11	58.3	20.96	55.0	20.49	51.8	19.81	50.0	18.89	48.5	18.10	45.3	17.19
	-9.5	-10	58.3	20.83	55.0	20.36	51.8	19.69	50.0	18.78	48.5	17.99	45.3	17.08
	-8.5	-9.1	58.3	20.42	55.0	19.94	51.8	19.28	50.0	18.39	48.5	17.63	45.3	16.73
	-7.0	-7.6	58.3	19.80	55.0	19.31	51.8	18.67	50.0	17.81	48.5	17.09	45.3	16.21
	-5.0	-5.6	58.3	18.97	55.0	18.47	51.8	17.86	50.0	17.04	48.5	16.37	45.3	15.51
	-3.0	-3.7	58.3	18.14	55.0	17.64	51.8	17.05	50.0	16.26	48.5	15.64	45.3	14.81
	0.0	-0.7	58.3	16.90	55.0	16.38	51.8	15.83	50.0	15.10	48.5	14.56	45.3	13.76
	3.0	2.2	58.3	15.66	55.0	15.12	51.8	14.61	50.0	13.95	48.5	13.47	45.3	12.71
	5.0	4.1	58.3	14.83	55.0	14.28	51.8	13.80	50.0	13.17	48.5	12.75	45.3	12.01
	7.0	6.0	58.3	14.00	55.0	13.44	51.8	12.99	50.0	12.40	48.5	12.03	45.3	11.31
	9.0	7.9	58.3	12.64	55.0	12.14	51.8	11.73	50.0	11.20	48.5	10.86	45.3	10.21
	11.0	9.8	58.3	11.77	55.0	11.30	51.8	10.92	50.0	10.43	48.5	10.11	45.3	9.51
	13.0	11.8	58.3	11.01	55.0	10.57	51.8	10.22	50.0	9.75	48.5	9.46	45.3	8.89
15.0	13.7	58.3	10.38	55.0	9.97	51.8	9.63	50.0	9.20	48.5	8.92	45.3	8.39	
60	-24.8	-25	44.7	23.52	44.7	23.81	44.4	24.25	42.9	23.01	41.4	21.84	38.8	20.75
	-21.8	-22	47.9	23.96	47.3	24.25	44.4	23.01	42.9	21.84	41.4	20.75	38.8	19.69
	-19.8	-20	50.0	24.25	47.3	23.37	44.4	22.18	42.9	21.07	41.4	20.02	38.8	18.98
	-18.8	-19	50.0	23.81	47.3	22.94	44.4	21.77	42.9	20.68	41.4	19.65	38.8	18.63
	-16.7	-17	50.0	22.88	47.3	22.02	44.4	20.90	42.9	19.86	41.4	18.88	38.8	17.88
	-13.7	-15	50.0	21.56	47.3	20.70	44.4	19.66	42.9	18.70	41.4	17.79	38.8	16.82
	-11.8	-13	50.0	20.72	47.3	19.87	44.4	18.87	42.9	17.96	41.4	17.09	38.8	16.15
	-9.8	-11	50.0	19.84	47.3	18.99	44.4	18.04	42.9	17.18	41.4	16.36	38.8	15.45
	-9.5	-10	50.0	19.70	47.3	18.86	44.4	17.92	42.9	17.07	41.4	16.25	38.8	15.34
	-8.5	-9.1	50.0	19.26	47.3	18.42	44.4	17.50	42.9	16.68	41.4	15.89	38.8	14.99
	-7.0	-7.6	50.0	18.60	47.3	17.77	44.4	16.88	42.9	16.10	41.4	15.34	38.8	14.46
	-5.0	-5.6	50.0	17.72	47.3	16.89	44.4	16.06	42.9	15.32	41.4	14.61	38.8	13.75
	-3.0	-3.7	50.0	16.83	47.3	16.01	44.4	15.23	42.9	14.54	41.4	13.88	38.8	13.04
	0.0	-0.7	50.0	15.51	47.3	14.70	44.4	13.99	42.9	13.38	41.4	12.78	38.8	11.98
	3.0	2.2	50.0	14.19	47.3	13.39	44.4	12.75	42.9	12.21	41.4	11.69	38.8	10.92
	5.0	4.1	50.0	13.30	47.3	12.51	44.4	11.92	42.9	11.44	41.4	10.96	38.8	10.21
	7.0	6.0	50.0	12.42	47.3	11.63	44.4	11.09	42.9	10.66	41.4	10.23	38.8	9.51
	9.0	7.9	50.0	11.08	47.3	10.38	44.4	9.90	42.9	9.51	41.4	9.12	38.8	8.48
	11.0	9.8	50.0	10.35	47.3	9.69	44.4	9.24	42.9	8.88	41.4	8.52	38.8	7.92
	13.0	11.8	50.0	9.69	47.3	9.08	44.4	8.66	42.9	8.32	41.4	7.98	38.8	7.42
15.0	13.7	50.0	9.16	47.3	8.58	44.4	8.18	42.9	7.86	41.4	7.54	38.8	7.01	
50	-24.8	-25	41.7	20.55	39.3	20.98	37.0	19.89	35.8	18.87	34.6	17.90	32.2	16.99
	-21.8	-22	41.7	20.98	39.3	19.89	37.0	18.87	35.8	17.90	34.6	16.99	32.2	16.12
	-19.8	-20	41.7	20.22	39.3	19.16	37.0	18.18	35.8	17.25	34.6	16.39	32.2	15.54
	-18.8	-19	41.7	19.84	39.3	18.79	37.0	17.84	35.8	16.93	34.6	16.09	32.2	15.25
	-16.7	-17	41.7	19.04	39.3	18.03	37.0	17.12	35.8	16.25	34.6	15.46	32.2	14.64
	-13.7	-15	41.7	17.90	39.3	16.93	37.0	16.10	35.8	15.28	34.6	14.55	32.2	13.77
	-11.8	-13	41.7	17.18	39.3	16.24	37.0	15.45	35.8	14.66	34.6	13.98	32.2	13.22
	-9.8	-11	41.7	16.42	39.3	15.51	37.0	14.77	35.8	14.02	34.6	13.38	32.2	12.64
	-9.5	-10	41.7	16.30	39.3	15.40	37.0	14.67	35.8	13.92	34.6	13.29	32.2	12.55
	-8.5	-9.1	41.7	15.92	39.3	15.04	37.0	14.33	35.8	13.60	34.6	12.99	32.2	12.26
	-7.0	-7.6	41.7	15.35	39.3	14.49	37.0	13.81	35.8	13.11	34.6	12.53	32.2	11.82
	-5.0	-5.6	41.7	14.59	39.3	13.76	37.0	13.13	35.8	12.46	34.6	11.93	32.2	11.24
	-3.0	-3.7	41.7	13.83	39.3	13.03	37.0	12.45	35.8	11.82	34.6	11.33	32.2	10.66
	0.0	-0.7	41.7	12.68	39.3	11.93	37.0	11.42	35.8	10.85	34.6	10.43	32.2	9.79
	3.0	2.2	41.7	11.54	39.3	10.84	37.0	10.40	35.8	9.88	34.6	9.52	32.2	8.92
	5.0	4.1	41.7	10.78	39.3	10.11	37.0	9.72	35.8	9.23	34.6	8.92	32.2	8.34
	7.0	6.0	41.7	10.02	39.3	9.38	37.0	9.04	35.8	8.58	34.6	8.32	32.2	7.76
	9.0	7.9	41.7	9.05	39.3	8.47	37.0	8.16	35.8	7.75	34.6	7.51	32.2	7.01
	11.0	9.8	41.7	8.47	39.3	7.93	37.0	7.63	35.8	7.25	34.6	7.03	32.2	6.56
	13.0	11.8	41.7	7.95	39.3	7.44	37.0	7.17	35.8	6.81	34.6	6.60	32.2	6.16
15.0	13.7	41.7	7.52	39.3	7.04	37.0	6.78	35.8	6.44	34.6	6.24	32.2	5.82	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

7.2.2 2 Units Combination

◆ ARUM221BTE5

Heating Capacity (22HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	44.3	20.64	44.3	20.95	44.0	21.21	44.0	21.62	44.0	22.01	43.4	22.62
	-21.8	-22	53.1	21.25	53.1	21.56	52.8	21.82	52.8	22.24	52.8	22.62	52.1	23.24
	-19.8	-20	55.7	21.66	55.7	21.96	55.3	22.24	55.3	22.64	55.3	23.03	54.6	23.64
	-18.8	-19	56.9	21.86	56.9	22.17	56.5	22.44	56.5	22.85	56.5	23.24	55.7	23.85
	-16.7	-17	59.3	22.30	59.3	22.60	58.9	22.86	58.9	23.28	58.9	23.66	58.0	24.28
	-13.7	-15	62.7	22.90	62.7	23.21	62.4	23.48	62.4	23.89	62.4	24.28	61.4	23.09
	-11.8	-13	64.7	23.29	64.7	23.60	64.3	23.87	64.3	24.28	64.3	23.46	63.6	22.33
	-9.8	-11	66.7	23.70	66.7	24.01	66.2	24.28	66.2	23.38	66.2	22.58	65.5	21.53
	-9.5	-10	67.1	23.76	67.1	24.08	66.7	24.13	66.7	23.23	66.6	22.45	65.9	21.41
	-8.5	-9.1	68.6	23.97	68.6	24.28	68.2	23.66	68.2	22.78	67.6	22.02	66.9	21.01
	-7.0	-7.6	70.9	24.28	70.9	23.54	70.4	22.94	70.4	22.10	70.4	21.37	69.0	20.41
	-5.0	-5.6	73.9	23.28	73.9	22.57	73.4	21.98	73.4	21.20	73.4	20.50	71.2	19.61
	-3.0	-3.7	77.0	22.28	77.0	21.60	76.4	21.03	76.4	20.30	76.4	19.63	73.5	18.82
	0.0	-0.7	81.4	20.78	81.4	20.13	81.0	19.59	81.0	18.93	81.0	18.34	76.6	17.62
	3.0	2.2	85.9	19.28	85.9	18.67	85.4	18.16	85.4	17.58	83.9	17.03	77.9	16.43
	5.0	4.1	88.4	18.28	88.4	17.70	88.0	17.19	86.8	16.67	84.0	16.17	78.3	15.63
	7.0	6.0	89.6	17.28	89.6	16.72	89.2	16.24	87.1	15.77	84.0	15.30	78.3	14.84
9.0	7.9	89.6	16.43	89.6	15.90	89.3	15.44	87.1	14.98	84.0	14.54	78.3	14.10	
11.0	9.8	89.6	15.70	89.6	15.20	89.3	14.76	87.1	14.32	84.0	13.90	78.3	13.48	
13.0	11.8	89.6	14.94	89.6	14.46	89.3	14.04	87.1	13.63	84.0	13.22	78.3	12.83	
15.0	13.7	89.6	14.13	89.6	13.68	89.3	13.29	87.1	12.89	84.0	12.51	78.3	12.13	
120	-24.8	-25	44.0	20.95	44.0	21.21	43.7	21.62	43.7	22.01	43.7	22.62	43.1	23.05
	-21.8	-22	52.8	21.56	52.8	21.82	52.4	22.24	52.4	22.62	52.4	23.24	51.7	23.66
	-19.8	-20	55.3	21.96	55.3	22.24	55.0	22.64	55.0	23.03	55.0	23.64	54.2	24.08
	-18.8	-19	56.5	22.17	56.5	22.44	56.1	22.85	56.1	23.24	56.1	23.85	55.3	24.28
	-16.7	-17	58.9	22.60	58.9	22.86	58.5	23.28	58.5	23.66	58.5	24.28	57.6	23.50
	-13.7	-15	62.2	23.21	62.2	23.48	61.9	23.89	61.9	24.28	61.9	23.12	61.0	22.41
	-11.8	-13	64.2	23.60	64.2	23.87	63.8	24.28	63.8	23.44	63.8	22.38	63.1	21.71
	-9.8	-11	66.2	24.01	66.2	24.28	65.8	23.35	65.8	22.58	65.8	21.61	65.1	20.99
	-9.5	-10	66.7	24.08	66.7	24.13	66.3	23.21	66.3	22.45	66.3	21.49	65.5	20.88
	-8.5	-9.1	68.2	24.28	68.2	23.62	67.7	22.74	67.7	22.01	67.6	21.11	66.8	20.51
	-7.0	-7.6	70.4	23.50	70.4	22.87	70.0	22.05	70.0	21.35	69.4	20.52	68.5	19.96
	-5.0	-5.6	73.4	22.48	73.4	21.87	72.9	21.12	72.9	20.49	72.9	19.75	70.8	19.22
	-3.0	-3.7	76.4	21.44	76.4	20.87	75.9	20.19	75.9	19.61	75.9	18.97	72.4	18.50
	0.0	-0.7	80.8	19.91	80.8	19.37	80.3	18.79	80.3	18.30	78.9	17.81	73.5	17.40
	3.0	2.2	85.3	18.36	85.3	17.87	83.9	17.40	81.6	17.00	78.9	16.65	73.5	16.30
	5.0	4.1	87.8	17.32	87.3	16.86	84.5	16.47	81.6	16.12	79.1	15.87	73.5	15.56
	7.0	6.0	88.9	16.30	88.0	15.86	84.5	15.55	81.6	15.24	79.1	15.11	73.5	14.83
9.0	7.9	88.9	15.48	88.0	15.06	84.5	14.76	81.6	14.48	79.1	14.34	73.5	14.09	
11.0	9.8	88.9	14.79	88.0	14.38	84.5	14.10	81.6	13.83	79.1	13.70	73.5	13.46	
13.0	11.8	88.9	14.04	88.0	13.66	84.5	13.39	81.6	13.14	79.1	13.02	73.5	12.79	
15.0	13.7	88.9	13.28	88.0	12.91	84.5	12.66	81.6	12.42	79.1	12.30	73.5	12.08	
110	-24.8	-25	43.7	21.21	43.7	21.62	43.5	22.01	43.5	22.62	43.5	23.05	42.9	23.25
	-21.8	-22	52.5	21.82	52.5	22.24	52.2	22.62	52.2	23.24	52.2	23.66	51.5	23.87
	-19.8	-20	55.0	22.24	55.0	22.64	54.7	23.03	54.7	23.64	54.7	24.08	53.9	24.28
	-18.8	-19	56.1	22.44	56.1	22.85	55.8	23.24	55.8	23.85	55.8	24.28	55.0	23.89
	-16.7	-17	58.6	22.86	58.6	23.28	58.2	23.66	58.2	24.28	58.2	23.47	57.3	23.07
	-13.7	-15	62.0	23.48	62.0	23.89	61.5	24.28	61.5	23.04	61.5	22.30	61.5	21.90
	-11.8	-13	63.9	23.87	63.9	24.28	63.4	23.39	63.4	22.26	63.4	21.58	63.4	21.17
	-9.8	-11	65.8	24.28	65.8	23.27	65.5	22.46	65.5	21.43	65.5	20.80	64.9	20.39
	-9.5	-10	66.3	24.11	66.3	23.12	65.9	22.33	65.9	21.30	65.9	20.69	65.6	20.28
	-8.5	-9.1	67.8	23.57	67.8	22.62	67.3	21.87	67.3	20.89	67.3	20.30	66.2	19.89
	-7.0	-7.6	70.0	22.74	70.0	21.86	69.6	21.16	69.6	20.27	69.6	19.71	66.2	19.30
	-5.0	-5.6	73.0	21.65	73.0	20.86	72.5	20.24	72.5	19.44	70.8	18.95	66.2	18.53
	-3.0	-3.7	75.9	20.55	75.9	19.86	75.3	19.31	73.3	18.62	70.8	18.17	66.2	17.75
	0.0	-0.7	80.4	18.90	80.0	18.35	75.7	17.92	73.3	17.38	70.8	17.01	66.2	16.59
	3.0	2.2	84.4	17.26	80.7	16.84	75.7	16.52	73.3	16.14	70.8	15.86	66.2	15.41
	5.0	4.1	85.4	16.16	80.7	15.84	75.7	15.59	73.3	15.32	70.8	15.08	66.2	14.64
	7.0	6.0	85.4	15.07	80.7	14.84	75.7	14.67	73.3	14.49	70.8	14.31	66.2	13.86
9.0	7.9	85.4	14.26	80.7	14.04	75.7	13.88	73.3	13.72	70.8	13.53	66.2	13.12	
11.0	9.8	85.4	13.55	80.7	13.35	75.7	13.20	73.3	13.04	70.8	12.87	66.2	12.47	
13.0	11.8	85.4	12.81	80.7	12.63	75.7	12.48	73.3	12.33	70.8	12.18	66.2	11.80	
15.0	13.7	85.4	12.04	80.7	11.86	75.7	11.73	73.3	11.58	70.8	11.43	66.2	11.08	

7. Capacity Tables

Heating Capacity (22HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	43.5	23.10	43.5	23.25	43.3	22.49	43.3	23.64	43.3	23.81	42.7	23.88
	-21.8	-22	52.2	23.34	52.2	23.49	52.0	23.20	52.0	23.87	52.0	24.30	51.2	24.12
	-19.8	-20	54.8	23.49	54.8	23.64	54.4	23.67	54.4	24.03	54.4	24.29	53.7	24.28
	-18.8	-19	55.9	23.57	55.5	23.72	55.5	23.87	55.5	24.11	55.5	24.28	54.8	23.83
	-16.7	-17	58.0	23.74	58.0	23.89	58.0	24.30	57.6	24.28	57.6	23.33	56.7	22.88
	-13.7	-15	61.6	23.97	61.6	24.13	61.3	24.28	61.3	22.88	61.3	21.99	60.5	21.53
	-11.8	-13	63.5	24.12	63.2	24.28	63.2	23.32	63.2	22.00	63.2	21.14	60.5	20.67
	-9.8	-11	65.5	24.28	65.5	23.19	65.2	22.32	65.2	21.07	64.9	20.24	60.5	19.78
	-9.5	-10	66.0	24.10	66.0	23.04	65.6	22.16	65.6	20.94	64.9	20.11	60.5	19.65
	-8.5	-9.1	67.5	23.52	67.5	22.49	67.1	21.66	67.1	20.48	64.9	19.66	60.5	19.19
	-7.0	-7.6	70.8	22.66	70.5	21.69	69.3	20.91	67.1	19.78	64.9	18.98	60.5	18.52
	-5.0	-5.6	73.9	21.51	73.2	20.60	69.3	19.91	67.1	18.85	64.9	18.08	60.5	17.62
	-3.0	-3.7	76.1	20.35	73.7	19.53	69.3	18.90	67.1	17.91	64.9	17.19	60.5	16.72
	0.0	-0.7	78.1	18.62	73.7	17.91	69.3	17.40	67.1	16.53	64.9	15.85	60.5	15.37
	3.0	2.2	78.1	16.89	73.7	16.28	69.3	15.89	67.1	15.14	64.9	14.50	60.5	14.02
	5.0	4.1	78.1	15.74	73.7	15.21	69.3	14.88	67.1	14.20	64.9	13.60	60.5	13.12
	7.0	6.0	78.1	14.58	73.7	14.12	69.3	13.88	67.1	13.28	64.9	12.70	60.5	12.21
	9.0	7.9	78.1	13.57	73.7	13.14	69.3	12.91	67.1	12.35	64.9	11.82	60.5	11.36
	11.0	9.8	78.1	12.65	73.7	12.25	69.3	12.04	67.1	11.52	64.9	11.02	60.5	10.59
	13.0	11.8	78.1	11.68	73.7	11.32	69.3	11.12	67.1	10.63	64.9	10.17	60.5	9.78
15.0	13.7	78.1	10.67	73.7	10.34	69.3	10.15	67.1	9.72	64.9	9.30	60.5	8.94	
90	-24.8	-25	43.3	20.77	43.3	21.39	43.1	21.81	43.1	22.02	43.1	22.43	42.5	23.04
	-21.8	-22	52.0	21.39	52.0	22.00	51.8	22.43	51.8	22.64	51.8	23.04	51.0	21.92
	-19.8	-20	54.6	21.80	54.6	22.41	54.2	22.84	54.2	23.04	54.2	22.26	53.5	21.17
	-18.8	-19	55.9	22.00	55.5	22.61	55.3	23.04	55.3	22.64	55.3	21.87	54.5	20.79
	-16.7	-17	58.0	22.43	58.0	23.04	57.7	22.19	57.7	21.78	57.7	21.05	55.2	20.00
	-13.7	-15	61.6	23.04	61.6	21.77	61.1	20.97	60.9	20.56	59.4	19.88	55.2	18.88
	-11.8	-13	63.5	22.15	63.2	20.95	62.9	20.21	61.4	19.79	59.4	19.14	55.2	18.16
	-9.8	-11	65.5	21.22	65.5	20.09	63.4	19.39	61.4	18.97	59.4	18.35	55.2	17.41
	-9.5	-10	66.0	21.07	66.0	19.97	63.4	19.27	61.4	18.86	59.4	18.23	55.2	17.30
	-8.5	-9.1	67.5	20.60	66.9	19.53	63.4	18.86	61.4	18.44	59.4	17.84	55.2	16.92
	-7.0	-7.6	70.8	19.90	67.3	18.90	63.4	18.25	61.4	17.83	59.4	17.26	55.2	16.36
	-5.0	-5.6	71.5	18.96	67.3	18.04	63.4	17.44	61.4	17.03	59.4	16.47	55.2	15.61
	-3.0	-3.7	71.5	18.02	67.3	17.19	63.4	16.63	61.4	16.21	59.4	15.69	55.2	14.86
	0.0	-0.7	71.5	16.62	67.3	15.91	63.4	15.42	61.4	14.99	59.4	14.52	55.2	13.73
	3.0	2.2	71.5	15.20	67.3	14.62	63.4	14.20	61.4	13.77	59.4	13.34	55.2	12.61
	5.0	4.1	71.5	14.27	67.3	13.77	63.4	13.38	61.4	12.96	59.4	12.56	55.2	11.86
	7.0	6.0	71.5	13.33	67.3	12.91	63.4	12.57	61.4	12.14	59.4	11.78	55.2	11.11
	9.0	7.9	71.5	12.47	67.3	12.09	63.4	11.75	61.4	11.36	59.4	11.02	55.2	10.39
	11.0	9.8	71.5	11.61	67.3	11.25	63.4	10.95	61.4	10.58	59.4	10.26	55.2	9.67
	13.0	11.8	71.5	10.74	67.3	10.42	63.4	10.14	61.4	9.79	59.4	9.50	55.2	8.96
15.0	13.7	71.5	9.89	67.3	9.58	63.4	9.32	61.4	9.00	59.4	8.74	55.2	8.24	
80	-24.8	-25	43.2	18.16	43.2	18.78	42.9	19.20	42.9	19.42	42.9	20.43	42.3	19.44
	-21.8	-22	51.5	18.78	51.5	19.39	51.5	19.82	51.5	20.43	51.5	19.44	49.3	18.50
	-19.8	-20	54.0	19.19	54.0	19.80	54.0	20.43	53.7	19.73	52.8	18.78	49.3	17.87
	-18.8	-19	55.1	19.39	55.1	20.43	55.1	20.07	54.4	19.37	53.0	18.45	49.3	17.56
	-16.7	-17	56.7	20.43	56.7	19.67	56.7	19.31	55.0	18.63	53.0	17.75	49.3	16.90
	-13.7	-15	59.3	19.28	58.1	18.57	56.7	18.22	55.0	17.56	53.0	16.76	49.3	15.96
	-11.8	-13	61.0	18.56	59.2	17.88	56.7	17.52	55.0	16.90	53.0	16.13	49.3	15.36
	-9.8	-11	62.6	17.79	60.0	17.15	56.7	16.80	55.0	16.19	53.0	15.47	49.3	14.73
	-9.5	-10	63.0	17.67	60.2	17.04	56.7	16.69	55.0	16.08	53.0	15.37	49.3	14.64
	-8.5	-9.1	63.6	17.29	60.5	16.68	56.7	16.32	55.0	15.74	53.0	15.04	49.3	14.32
	-7.0	-7.6	64.1	16.72	60.5	16.13	56.7	15.78	55.0	15.20	53.0	14.54	49.3	13.85
	-5.0	-5.6	64.1	15.94	60.5	15.40	56.7	15.06	55.0	14.49	53.0	13.89	49.3	13.23
	-3.0	-3.7	64.1	15.18	60.5	14.67	56.7	14.33	55.0	13.79	53.0	13.22	49.3	12.60
	0.0	-0.7	64.1	14.03	60.5	13.58	56.7	13.24	55.0	12.73	53.0	12.23	49.3	11.66
	3.0	2.2	64.1	12.89	60.5	12.48	56.7	12.15	55.0	11.66	53.0	11.24	49.3	10.72
	5.0	4.1	64.1	12.12	60.5	11.75	56.7	11.42	55.0	10.96	53.0	10.58	49.3	10.10
	7.0	6.0	64.1	11.36	60.5	11.02	56.7	10.70	55.0	10.25	53.0	9.91	49.3	9.47
	9.0	7.9	64.1	10.66	60.5	10.35	56.7	10.05	55.0	9.62	53.0	9.31	49.3	8.89
	11.0	9.8	64.1	9.89	60.5	9.61	56.7	9.32	55.0	8.94	53.0	8.64	49.3	8.25
	13.0	11.8	64.1	9.23	60.5	8.96	56.7	8.70	55.0	8.34	53.0	8.07	49.3	7.70
15.0	13.7	64.1	8.69	60.5	8.44	56.7	8.19	55.0	7.85	53.0	7.59	49.3	7.25	

7. Capacity Tables

Heating Capacity (22HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	43.2	18.58	43.2	18.78	42.9	19.19	42.9	19.81	42.9	18.76	42.2	17.80
	-21.8	-22	48.6	19.19	48.6	19.40	48.2	19.81	46.6	18.76	45.3	17.80	42.2	16.86
	-19.8	-20	52.2	19.60	51.3	19.81	48.2	19.06	46.6	18.07	45.3	17.15	42.2	16.25
	-18.8	-19	53.7	19.81	51.3	19.42	48.2	18.70	46.6	17.72	45.3	16.82	42.2	15.94
	-16.7	-17	54.3	19.00	51.3	18.61	48.2	17.92	46.6	16.98	45.3	16.15	42.2	15.29
	-13.7	-15	54.3	17.84	51.3	17.46	48.2	16.81	46.6	15.95	45.3	15.18	42.2	14.37
	-11.8	-13	54.3	17.11	51.3	16.73	48.2	16.12	46.6	15.28	45.3	14.56	42.2	13.78
	-9.8	-11	54.3	16.34	51.3	15.95	48.2	15.37	46.6	14.59	45.3	13.91	42.2	13.16
	-9.5	-10	54.3	16.23	51.3	15.84	48.2	15.26	46.6	14.48	45.3	13.82	42.2	13.07
	-8.5	-9.1	54.3	15.85	51.3	15.46	48.2	14.89	46.6	14.14	45.3	13.49	42.2	12.77
	-7.0	-7.6	54.3	15.26	51.3	14.88	48.2	14.34	46.6	13.61	45.3	13.01	42.2	12.30
	-5.0	-5.6	54.3	14.50	51.3	14.11	48.2	13.60	46.6	12.92	45.3	12.37	42.2	11.68
	-3.0	-3.7	54.3	13.73	51.3	13.34	48.2	12.87	46.6	12.23	45.3	11.72	42.2	11.07
	0.0	-0.7	54.3	12.58	51.3	12.18	48.2	11.76	46.6	11.18	45.3	10.75	42.2	10.14
	3.0	2.2	54.3	11.43	51.3	11.03	48.2	10.65	46.6	10.15	45.3	9.78	42.2	9.22
	5.0	4.1	54.3	10.66	51.3	10.25	48.2	9.91	46.6	9.45	45.3	9.13	42.2	8.60
	7.0	6.0	54.3	9.88	51.3	9.49	48.2	9.17	46.6	8.75	45.3	8.50	42.2	7.99
	9.0	7.9	54.3	8.92	51.3	8.57	48.2	8.28	46.6	7.90	45.3	7.67	42.2	7.21
11.0	9.8	54.3	8.31	51.3	7.97	48.2	7.71	46.6	7.36	45.3	7.14	42.2	6.71	
13.0	11.8	54.3	7.78	51.3	7.46	48.2	7.22	46.6	6.88	45.3	6.68	42.2	6.28	
15.0	13.7	54.3	7.33	51.3	7.03	48.2	6.80	46.6	6.49	45.3	6.30	42.2	5.92	
60	-24.8	-25	41.6	18.17	41.6	18.58	41.4	19.19	40.0	18.12	38.7	17.12	36.1	16.19
	-21.8	-22	44.6	18.78	44.2	19.19	41.4	18.12	40.0	17.12	38.7	16.19	36.1	15.29
	-19.8	-20	46.6	19.19	44.2	18.43	41.4	17.41	40.0	16.45	38.7	15.56	36.1	14.69
	-18.8	-19	46.6	18.80	44.2	18.05	41.4	17.05	40.0	16.12	38.7	15.25	36.1	14.40
	-16.7	-17	46.6	17.99	44.2	17.24	41.4	16.30	40.0	15.42	38.7	14.59	36.1	13.78
	-13.7	-15	46.6	16.81	44.2	16.10	41.4	15.22	40.0	14.42	38.7	13.66	36.1	12.88
	-11.8	-13	46.6	16.08	44.2	15.38	41.4	14.54	40.0	13.79	38.7	13.08	36.1	12.31
	-9.8	-11	46.6	15.30	44.2	14.62	41.4	13.83	40.0	13.12	38.7	12.45	36.1	11.72
	-9.5	-10	46.6	15.19	44.2	14.51	41.4	13.72	40.0	13.02	38.7	12.35	36.1	11.63
	-8.5	-9.1	46.6	14.80	44.2	14.12	41.4	13.37	40.0	12.69	38.7	12.04	36.1	11.33
	-7.0	-7.6	46.6	14.21	44.2	13.55	41.4	12.83	40.0	12.19	38.7	11.57	36.1	10.88
	-5.0	-5.6	46.6	13.44	44.2	12.79	41.4	12.11	40.0	11.52	38.7	10.95	36.1	10.28
	-3.0	-3.7	46.6	12.65	44.2	12.02	41.4	11.40	40.0	10.86	38.7	10.33	36.1	9.69
	0.0	-0.7	46.6	11.49	44.2	10.88	41.4	10.33	40.0	9.86	38.7	9.40	36.1	8.80
	3.0	2.2	46.6	10.32	44.2	9.73	41.4	9.26	40.0	8.86	38.7	8.46	36.1	7.91
	5.0	4.1	46.6	9.54	44.2	8.98	41.4	8.55	40.0	8.19	38.7	7.84	36.1	7.31
	7.0	6.0	46.6	8.77	44.2	8.21	41.4	7.83	40.0	7.53	38.7	7.22	36.1	6.71
	9.0	7.9	46.6	7.82	44.2	7.33	41.4	6.98	40.0	6.71	38.7	6.44	36.1	5.99
11.0	9.8	46.6	7.31	44.2	6.84	41.4	6.52	40.0	6.27	38.7	6.01	36.1	5.59	
13.0	11.8	46.6	6.85	44.2	6.41	41.4	6.11	40.0	5.87	38.7	5.64	36.1	5.24	
15.0	13.7	46.6	6.47	44.2	6.06	41.4	5.77	40.0	5.55	38.7	5.33	36.1	4.95	
50	-24.8	-25	38.9	16.35	36.7	16.96	34.5	15.98	33.4	15.08	32.3	14.23	30.1	13.44
	-21.8	-22	38.9	16.96	36.7	15.98	34.5	15.08	33.4	14.23	32.3	13.44	30.1	12.69
	-19.8	-20	38.9	16.28	36.7	15.34	34.5	14.48	33.4	13.66	32.3	12.92	30.1	12.19
	-18.8	-19	38.9	15.93	36.7	15.01	34.5	14.18	33.4	13.38	32.3	12.65	30.1	11.94
	-16.7	-17	38.9	15.21	36.7	14.32	34.5	13.54	33.4	12.78	32.3	12.10	30.1	11.41
	-13.7	-15	38.9	14.18	36.7	13.35	34.5	12.63	33.4	11.93	32.3	11.32	30.1	10.66
	-11.8	-13	38.9	13.53	36.7	12.73	34.5	12.06	33.4	11.39	32.3	10.82	30.1	10.19
	-9.8	-11	38.9	12.84	36.7	12.09	34.5	11.45	33.4	10.83	32.3	10.29	30.1	9.69
	-9.5	-10	38.9	12.74	36.7	11.98	34.5	11.36	33.4	10.74	32.3	10.21	30.1	9.61
	-8.5	-9.1	38.9	12.40	36.7	11.66	34.5	11.06	33.4	10.46	32.3	9.95	30.1	9.36
	-7.0	-7.6	38.9	11.88	36.7	11.18	34.5	10.61	33.4	10.03	32.3	9.55	30.1	8.98
	-5.0	-5.6	38.9	11.20	36.7	10.52	34.5	10.01	33.4	9.46	32.3	9.02	30.1	8.48
	-3.0	-3.7	38.9	10.50	36.7	9.87	34.5	9.40	33.4	8.89	32.3	8.50	30.1	7.98
	0.0	-0.7	38.9	9.48	36.7	8.90	34.5	8.49	33.4	8.04	32.3	7.71	30.1	7.23
	3.0	2.2	38.9	8.45	36.7	7.93	34.5	7.58	33.4	7.20	32.3	6.92	30.1	6.48
	5.0	4.1	38.9	7.76	36.7	7.27	34.5	6.98	33.4	6.63	32.3	6.39	30.1	5.98
	7.0	6.0	38.9	7.07	36.7	6.62	34.5	6.38	33.4	6.06	32.3	5.87	30.1	5.48
	9.0	7.9	38.9	6.39	36.7	5.98	34.5	5.76	33.4	5.47	32.3	5.30	30.1	4.94
11.0	9.8	38.9	5.98	36.7	5.60	34.5	5.39	33.4	5.12	32.3	4.96	30.1	4.63	
13.0	11.8	38.9	5.61	36.7	5.26	34.5	5.06	33.4	4.80	32.3	4.66	30.1	4.34	
15.0	13.7	38.9	5.31	36.7	4.97	34.5	4.79	33.4	4.55	32.3	4.41	30.1	4.11	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM241BTE5

Heating Capacity (24HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	47.8	22.56	47.8	22.98	47.6	23.34	47.6	23.90	47.6	24.44	47.4	25.28
	-21.8	-22	56.8	23.40	56.8	23.82	56.4	24.18	56.4	24.76	56.4	25.28	56.2	26.14
	-19.8	-20	59.2	23.96	59.2	24.38	58.8	24.76	58.8	25.32	58.8	25.86	58.6	26.70
	-18.8	-19	60.6	24.24	60.6	24.66	60.2	25.04	60.2	25.60	60.2	26.14	60.0	26.98
	-16.7	-17	63.6	24.84	63.6	25.26	63.2	25.62	63.2	26.20	63.2	26.72	62.8	27.58
	-13.7	-15	67.8	25.68	67.8	26.10	67.4	26.48	67.4	27.04	67.4	27.58	67.0	28.30
	-11.8	-13	70.0	26.22	70.0	26.64	69.6	27.02	69.6	27.58	69.6	28.12	69.2	28.98
	-9.8	-11	72.4	26.78	72.4	27.20	71.8	27.58	71.8	28.14	71.8	28.70	71.4	29.58
	-9.5	-10	72.8	26.86	72.8	27.30	72.4	27.68	72.4	28.24	72.4	28.80	72.0	29.68
	-8.5	-9.1	74.6	27.16	74.6	27.58	74.2	27.96	74.2	28.52	74.2	29.08	73.8	30.00
	-7.0	-7.6	77.4	27.58	77.4	28.00	76.8	28.38	76.8	28.94	76.8	29.46	76.4	30.60
	-5.0	-5.6	81.0	26.54	81.0	25.78	80.4	26.16	80.4	26.72	80.4	27.24	80.0	27.90
	-3.0	-3.7	84.6	25.50	84.6	24.76	84.0	25.14	84.0	25.70	84.0	26.22	83.6	26.80
	0.0	-0.7	89.8	23.94	89.8	23.22	89.4	22.62	89.4	23.18	89.4	23.74	89.0	24.30
	3.0	2.2	95.2	22.38	95.2	21.68	94.6	21.10	94.6	21.66	94.6	22.22	94.2	22.80
	5.0	4.1	97.8	21.34	97.8	20.66	97.4	20.08	95.0	19.48	91.6	18.90	85.4	18.28
	7.0	6.0	97.8	20.30	97.8	19.64	97.4	19.08	95.0	18.52	91.6	17.96	85.4	17.42
9.0	7.9	97.8	19.42	97.8	18.78	97.4	18.24	95.0	17.70	91.6	17.18	85.4	16.66	
11.0	9.8	97.8	18.68	97.8	18.08	97.4	17.56	95.0	17.04	91.6	16.54	85.4	16.04	
13.0	11.8	97.8	17.92	97.8	17.34	97.4	16.84	95.0	16.34	91.6	15.86	85.4	15.38	
15.0	13.7	97.8	17.10	97.8	16.56	97.4	16.08	95.0	15.60	91.6	15.14	85.4	14.68	
120	-24.8	-25	47.6	22.98	47.6	23.34	47.2	23.90	47.2	24.44	47.2	25.28	47.0	25.88
	-21.8	-22	56.4	23.82	56.4	24.18	56.0	24.76	56.0	25.28	56.0	26.14	55.8	26.72
	-19.8	-20	58.8	24.38	58.8	24.76	58.4	25.32	58.4	25.86	58.4	26.70	58.2	27.30
	-18.8	-19	60.2	24.66	60.2	25.04	59.8	25.60	59.8	26.14	59.8	26.98	59.6	27.58
	-16.7	-17	63.2	25.26	63.2	25.62	62.8	26.20	62.8	26.72	62.8	27.58	62.4	28.30
	-13.7	-15	67.2	26.10	67.2	26.48	66.8	27.04	66.8	27.58	66.8	28.12	66.4	28.98
	-11.8	-13	69.4	26.64	69.4	27.02	69.0	27.58	69.0	28.14	69.0	28.70	68.6	29.58
	-9.8	-11	71.8	27.20	71.8	27.58	71.4	28.14	71.4	28.70	71.4	29.26	71.0	30.00
	-9.5	-10	72.4	27.30	72.4	27.68	72.0	28.24	72.0	28.80	72.0	29.36	71.6	30.18
	-8.5	-9.1	74.2	27.58	74.2	28.00	73.6	28.38	73.6	28.94	73.6	29.46	73.2	30.30
	-7.0	-7.6	76.8	26.76	76.8	26.08	76.4	25.50	76.4	26.04	76.4	26.56	76.0	27.14
	-5.0	-5.6	80.4	25.68	80.4	25.02	79.8	24.44	79.8	24.96	79.8	25.48	79.4	26.04
	-3.0	-3.7	84.0	24.58	84.0	23.96	83.4	23.38	83.4	23.90	83.4	24.42	83.0	24.96
	0.0	-0.7	89.2	22.96	89.2	22.36	88.6	21.78	88.6	22.30	88.6	22.84	88.2	23.36
	3.0	2.2	94.6	21.32	94.6	20.76	92.2	20.24	89.0	19.78	86.2	19.40	80.2	19.00
	5.0	4.1	97.0	20.22	96.0	19.68	92.2	19.24	89.0	18.84	86.2	18.56	80.2	18.20
	7.0	6.0	97.0	19.14	96.0	18.62	92.2	18.26	89.0	17.90	86.2	17.74	80.2	17.42
9.0	7.9	97.0	18.28	96.0	17.78	92.2	17.44	89.0	17.10	86.2	16.94	80.2	16.64	
11.0	9.8	97.0	17.58	96.0	17.10	92.2	16.76	89.0	16.44	86.2	16.28	80.2	16.00	
13.0	11.8	97.0	16.82	96.0	16.36	92.2	16.04	89.0	15.74	86.2	15.60	80.2	15.32	
15.0	13.7	97.0	16.04	96.0	15.60	92.2	15.30	89.0	15.00	86.2	14.86	80.2	14.60	
110	-24.8	-25	47.2	23.34	47.2	23.90	47.0	24.44	47.0	25.28	47.0	25.88	46.8	26.16
	-21.8	-22	56.2	24.18	56.2	24.76	55.8	25.28	55.8	26.14	55.8	26.72	55.6	27.02
	-19.8	-20	58.4	24.76	58.4	25.32	58.2	25.86	58.2	26.70	58.2	27.30	57.8	27.58
	-18.8	-19	59.8	25.04	59.8	25.60	59.4	26.14	59.4	26.98	59.4	27.58	59.2	27.16
	-16.7	-17	62.8	25.62	62.8	26.20	62.4	26.72	62.4	27.58	62.4	28.12	62.0	28.98
	-13.7	-15	67.0	26.48	67.0	27.04	66.4	27.58	66.4	28.14	66.4	28.70	66.0	29.58
	-11.8	-13	69.2	27.02	69.2	27.58	68.6	28.14	68.6	28.70	68.6	29.26	68.2	30.00
	-9.8	-11	71.4	27.58	71.4	28.14	71.0	28.70	71.0	29.26	71.0	29.82	70.6	30.60
	-9.5	-10	72.0	27.68	72.0	28.24	71.6	28.80	71.6	29.36	71.6	29.90	71.2	30.78
	-8.5	-9.1	73.8	26.82	73.8	26.14	73.2	25.56	73.2	26.10	73.2	26.66	72.8	27.22
	-7.0	-7.6	76.4	25.92	76.4	25.24	76.0	24.66	76.0	25.22	76.0	25.78	75.6	26.34
	-5.0	-5.6	80.0	24.76	80.0	24.10	79.4	23.52	79.4	24.08	79.4	24.64	79.0	25.14
	-3.0	-3.7	83.4	23.58	83.4	22.82	82.6	22.24	80.0	21.48	77.2	20.98	72.2	20.50
	0.0	-0.7	88.8	21.80	88.0	21.20	82.6	20.72	80.0	20.14	77.2	19.72	72.2	19.24
	3.0	2.2	93.2	20.04	88.0	19.58	82.6	19.22	80.0	18.80	77.2	18.48	72.2	17.96
	5.0	4.1	93.2	18.86	88.0	18.50	82.6	18.22	80.0	17.92	77.2	17.64	72.2	17.12
	7.0	6.0	93.2	17.70	88.0	17.42	82.6	17.22	80.0	17.02	77.2	16.80	72.2	16.28
9.0	7.9	93.2	16.84	88.0	16.58	82.6	16.40	80.0	16.20	77.2	15.98	72.2	15.50	
11.0	9.8	93.2	16.10	88.0	15.86	82.6	15.68	80.0	15.50	77.2	15.30	72.2	14.82	
13.0	11.8	93.2	15.34	88.0	15.12	82.6	14.94	80.0	14.76	77.2	14.58	72.2	14.12	
15.0	13.7	93.2	14.54	88.0	14.32	82.6	14.16	80.0	13.98	77.2	13.80	72.2	13.38	

7. Capacity Tables

Heating Capacity (24HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	47.0	26.32	47.0	26.48	46.8	25.52	46.8	26.90	46.8	27.08	46.6	27.16
	-21.8	-22	55.8	26.58	55.8	26.74	55.6	26.32	55.6	27.14	55.6	27.74	55.2	27.40
	-19.8	-20	58.2	26.74	58.2	26.90	57.8	26.86	57.8	27.32	57.8	27.64	57.6	27.58
	-18.8	-19	59.6	26.82	59.2	26.98	59.2	27.14	59.2	27.40	59.2	27.58	59.0	27.08
	-16.7	-17	62.2	27.00	62.2	27.16	62.2	27.74	61.8	27.58	61.8	26.54	61.4	26.04
	-13.7	-15	66.6	27.24	66.6	27.42	66.2	27.58	66.2	26.06	66.2	25.08	66.0	24.56
	-11.8	-13	68.8	27.40	68.4	27.58	68.4	26.54	68.4	25.10	68.4	24.14	66.0	23.62
	-9.8	-11	71.0	27.58	71.0	26.40	70.8	25.46	70.8	24.08	70.8	23.16	66.0	22.64
	-9.5	-10	71.6	27.38	71.6	26.24	71.2	25.28	71.2	23.94	70.8	23.02	66.0	22.50
	-8.5	-9.1	73.4	26.76	73.4	25.64	73.0	24.74	73.2	23.44	70.8	22.52	66.0	22.00
	-7.0	-7.6	77.2	25.84	77.0	24.78	75.6	23.92	73.2	22.68	70.8	21.78	66.0	21.26
	-5.0	-5.6	80.6	24.60	79.8	23.60	75.6	22.84	73.2	21.66	70.8	20.80	66.0	20.28
	-3.0	-3.7	83.0	23.34	80.4	22.44	75.6	21.74	73.2	20.64	70.8	19.82	66.0	19.28
	0.0	-0.7	85.2	21.48	80.4	20.68	75.6	20.12	73.2	19.14	70.8	18.36	66.0	17.80
	3.0	2.2	85.2	19.62	80.4	18.92	75.6	18.48	73.2	17.62	70.8	16.88	66.0	16.32
	5.0	4.1	85.2	18.38	80.4	17.76	75.6	17.38	73.2	16.60	70.8	15.90	66.0	15.34
	7.0	6.0	85.2	17.12	80.4	16.58	75.6	16.30	73.2	15.60	70.8	14.92	66.0	14.34
	9.0	7.9	85.2	16.12	80.4	15.62	75.6	15.34	73.2	14.68	70.8	14.04	66.0	13.50
	11.0	9.8	85.2	15.24	80.4	14.76	75.6	14.50	73.2	13.88	70.8	13.28	66.0	12.76
	13.0	11.8	85.2	14.30	80.4	13.86	75.6	13.62	73.2	13.02	70.8	12.46	66.0	11.98
15.0	13.7	85.2	13.34	80.4	12.92	75.6	12.68	73.2	12.14	70.8	11.62	66.0	11.18	
90	-24.8	-25	46.8	23.16	46.8	24.02	46.6	24.60	46.6	24.88	46.6	25.46	46.4	26.30
	-21.8	-22	55.6	24.02	55.6	24.86	55.4	25.46	55.4	25.74	55.4	26.30	55.0	25.06
	-19.8	-20	58.0	24.58	58.0	25.42	57.6	26.02	57.6	26.30	57.6	25.44	57.4	24.22
	-18.8	-19	59.6	24.86	59.2	25.70	59.0	26.30	59.0	25.86	59.0	25.00	58.8	23.80
	-16.7	-17	62.2	25.46	62.2	26.30	61.8	25.36	61.8	24.90	61.8	24.10	60.2	22.92
	-13.7	-15	66.6	26.30	66.6	24.90	66.0	24.02	66.0	23.56	64.8	22.80	60.2	21.68
	-11.8	-13	68.8	25.32	68.4	24.00	68.2	23.18	67.0	22.70	64.8	21.98	60.2	20.88
	-9.8	-11	71.0	24.30	71.0	23.06	69.2	22.28	67.0	21.80	64.8	21.10	60.2	20.04
	-9.5	-10	71.6	24.14	71.6	22.92	69.2	22.14	67.0	21.68	64.8	20.98	60.2	19.92
	-8.5	-9.1	73.4	23.62	72.8	22.44	69.2	21.70	67.0	21.22	64.8	20.54	60.2	19.50
	-7.0	-7.6	77.2	22.86	73.4	21.74	69.2	21.02	67.0	20.54	64.8	19.90	60.2	18.88
	-5.0	-5.6	78.0	21.82	73.4	20.80	69.2	20.12	67.0	19.66	64.8	19.02	60.2	18.04
	-3.0	-3.7	78.0	20.80	73.4	19.86	69.2	19.24	67.0	18.76	64.8	18.16	60.2	17.22
	0.0	-0.7	78.0	19.26	73.4	18.46	69.2	17.90	67.0	17.40	64.8	16.86	60.2	15.96
	3.0	2.2	78.0	17.70	73.4	17.04	69.2	16.56	67.0	16.06	64.8	15.56	60.2	14.72
	5.0	4.1	78.0	16.68	73.4	16.10	69.2	15.66	67.0	15.16	64.8	14.70	60.2	13.88
	7.0	6.0	78.0	15.66	73.4	15.16	69.2	14.76	67.0	14.26	64.8	13.84	60.2	13.04
	9.0	7.9	78.0	14.70	73.4	14.26	69.2	13.86	67.0	13.40	64.8	13.00	60.2	12.26
	11.0	9.8	78.0	13.76	73.4	13.34	69.2	12.98	67.0	12.54	64.8	12.16	60.2	11.46
	13.0	11.8	78.0	12.80	73.4	12.42	69.2	12.08	67.0	11.66	64.8	11.32	60.2	10.68
15.0	13.7	78.0	11.86	73.4	11.50	69.2	11.18	67.0	10.80	64.8	10.48	60.2	9.88	
80	-24.8	-25	46.6	20.18	46.6	21.04	46.4	21.62	46.4	21.92	46.4	23.32	46.2	22.22
	-21.8	-22	55.0	21.04	55.0	21.88	55.0	22.48	55.0	23.32	55.0	22.22	53.8	21.18
	-19.8	-20	57.4	21.60	57.4	22.44	57.4	23.32	57.4	22.54	57.4	21.48	53.8	20.48
	-18.8	-19	58.8	21.88	58.8	23.32	58.8	22.92	58.8	22.14	57.8	21.12	53.8	20.12
	-16.7	-17	61.8	23.32	61.8	22.48	61.8	22.08	60.0	21.32	57.8	20.34	53.8	19.40
	-13.7	-15	64.6	22.06	63.4	21.26	61.8	20.88	60.0	20.14	57.8	19.24	53.8	18.34
	-11.8	-13	66.4	21.26	64.4	20.50	61.8	20.10	60.0	19.40	57.8	18.54	53.8	17.68
	-9.8	-11	68.2	20.42	65.4	19.70	61.8	19.30	60.0	18.62	57.8	17.82	53.8	16.98
	-9.5	-10	68.6	20.28	65.6	19.58	61.8	19.18	60.0	18.50	57.8	17.70	53.8	16.88
	-8.5	-9.1	69.4	19.86	66.0	19.18	61.8	18.78	60.0	18.12	57.8	17.34	53.8	16.52
	-7.0	-7.6	70.0	19.24	66.0	18.58	61.8	18.18	60.0	17.52	57.8	16.78	53.8	16.00
	-5.0	-5.6	70.0	18.38	66.0	17.78	61.8	17.38	60.0	16.74	57.8	16.06	53.8	15.30
	-3.0	-3.7	70.0	17.54	66.0	16.96	61.8	16.58	60.0	15.96	57.8	15.32	53.8	14.60
	0.0	-0.7	70.0	16.28	66.0	15.76	61.8	15.38	60.0	14.78	57.8	14.22	53.8	13.56
	3.0	2.2	70.0	15.02	66.0	14.56	61.8	14.16	60.0	13.60	57.8	13.12	53.8	12.52
	5.0	4.1	70.0	14.18	66.0	13.74	61.8	13.36	60.0	12.82	57.8	12.38	53.8	11.82
	7.0	6.0	70.0	13.34	66.0	12.94	61.8	12.56	60.0	12.04	57.8	11.64	53.8	11.12
	9.0	7.9	70.0	12.52	66.0	12.16	61.8	11.80	60.0	11.30	57.8	10.94	53.8	10.44
	11.0	9.8	70.0	11.62	66.0	11.28	61.8	10.94	60.0	10.50	57.8	10.14	53.8	9.68
	13.0	11.8	70.0	10.84	66.0	10.52	61.8	10.22	60.0	9.80	57.8	9.48	53.8	9.04
15.0	13.7	70.0	10.20	66.0	9.92	61.8	9.62	60.0	9.22	57.8	8.92	53.8	8.52	

7. Capacity Tables

Heating Capacity (24HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB													
			16		18		20		21		22		24			
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
70	-24.8	-25	46.6	20.78	46.6	21.06	46.4	21.62	46.4	22.48	46.4	21.32	46.4	21.32	46.0	20.26
	-21.8	-22	53.0	21.62	53.0	21.92	52.6	22.48	50.8	21.32	49.4	20.26	46.0	19.22		
	-19.8	-20	57.2	22.20	56.0	22.48	52.6	21.66	50.8	20.56	49.4	19.54	46.0	18.54		
	-18.8	-19	58.8	22.48	56.0	22.06	52.6	21.26	50.8	20.18	49.4	19.18	46.0	18.20		
	-16.7	-17	59.2	21.60	56.0	21.16	52.6	20.40	50.8	19.36	49.4	18.44	46.0	17.48		
	-13.7	-15	59.2	20.32	56.0	19.90	52.6	19.18	50.8	18.22	49.4	17.36	46.0	16.46		
	-11.8	-13	59.2	19.52	56.0	19.10	52.6	18.42	50.8	17.48	49.4	16.68	46.0	15.80		
	-9.8	-11	59.2	18.68	56.0	18.24	52.6	17.60	50.8	16.72	49.4	15.96	46.0	15.12		
	-9.5	-10	59.2	18.56	56.0	18.12	52.6	17.48	50.8	16.60	49.4	15.86	46.0	15.02		
	-8.5	-9.1	59.2	18.14	56.0	17.70	52.6	17.06	50.8	16.22	49.4	15.50	46.0	14.68		
	-7.0	-7.6	59.2	17.50	56.0	17.06	52.6	16.46	50.8	15.64	49.4	14.96	46.0	14.16		
	-5.0	-5.6	59.2	16.66	56.0	16.22	52.6	15.64	50.8	14.88	49.4	14.26	46.0	13.48		
	-3.0	-3.7	59.2	15.82	56.0	15.38	52.6	14.84	50.8	14.12	49.4	13.54	46.0	12.80		
	0.0	-0.7	59.2	14.56	56.0	14.10	52.6	13.62	50.8	12.96	49.4	12.46	46.0	11.76		
	3.0	2.2	59.2	13.30	56.0	12.84	52.6	12.40	50.8	11.82	49.4	11.40	46.0	10.74		
	5.0	4.1	59.2	12.46	56.0	11.98	52.6	11.58	50.8	11.04	49.4	10.68	46.0	10.06		
	7.0	6.0	59.2	11.60	56.0	11.14	52.6	10.76	50.8	10.28	49.4	9.98	46.0	9.38		
	9.0	7.9	59.2	10.48	56.0	10.06	52.6	9.72	50.8	9.28	49.4	9.00	46.0	8.46		
	11.0	9.8	59.2	9.76	56.0	9.36	52.6	9.06	50.8	8.64	49.4	8.38	46.0	7.88		
	13.0	11.8	59.2	9.14	56.0	8.76	52.6	8.48	50.8	8.08	49.4	7.84	46.0	7.38		
15.0	13.7	59.2	8.60	56.0	8.26	52.6	7.98	50.8	7.62	49.4	7.40	46.0	6.96			
60	-24.8	-25	45.4	20.22	45.4	20.78	45.2	21.62	43.6	20.46	42.2	19.36	39.4	18.34		
	-21.8	-22	48.6	21.06	48.2	21.62	45.2	20.46	43.6	19.36	42.2	18.34	39.4	17.34		
	-19.8	-20	50.8	21.62	48.2	20.80	45.2	19.68	43.6	18.62	42.2	17.64	39.4	16.68		
	-18.8	-19	50.8	21.20	48.2	20.38	45.2	19.28	43.6	18.26	42.2	17.30	39.4	16.36		
	-16.7	-17	50.8	20.32	48.2	19.50	45.2	18.46	43.6	17.50	42.2	16.58	39.4	15.68		
	-13.7	-15	50.8	19.04	48.2	18.26	45.2	17.28	43.6	16.40	42.2	15.56	39.4	14.68		
	-11.8	-13	50.8	18.24	48.2	17.46	45.2	16.54	43.6	15.70	42.2	14.92	39.4	14.06		
	-9.8	-11	50.8	17.40	48.2	16.64	45.2	15.76	43.6	14.98	42.2	14.22	39.4	13.40		
	-9.5	-10	50.8	17.28	48.2	16.52	45.2	15.64	43.6	14.86	42.2	14.12	39.4	13.30		
	-8.5	-9.1	50.8	16.86	48.2	16.10	45.2	15.26	43.6	14.50	42.2	13.78	39.4	12.98		
	-7.0	-7.6	50.8	16.22	48.2	15.48	45.2	14.66	43.6	13.96	42.2	13.26	39.4	12.48		
	-5.0	-5.6	50.8	15.38	48.2	14.64	45.2	13.88	43.6	13.22	42.2	12.58	39.4	11.82		
	-3.0	-3.7	50.8	14.52	48.2	13.80	45.2	13.10	43.6	12.50	42.2	11.90	39.4	11.16		
	0.0	-0.7	50.8	13.26	48.2	12.56	45.2	11.94	43.6	11.40	42.2	10.88	39.4	10.18		
	3.0	2.2	50.8	11.98	48.2	11.30	45.2	10.76	43.6	10.30	42.2	9.84	39.4	9.20		
	5.0	4.1	50.8	11.14	48.2	10.48	45.2	9.98	43.6	9.56	42.2	9.16	39.4	8.54		
	7.0	6.0	50.8	10.30	48.2	9.64	45.2	9.20	43.6	8.84	42.2	8.48	39.4	7.88		
	9.0	7.9	50.8	9.18	48.2	8.60	45.2	8.20	43.6	7.88	42.2	7.56	39.4	7.04		
	11.0	9.8	50.8	8.58	48.2	8.04	45.2	7.66	43.6	7.36	42.2	7.06	39.4	6.56		
	13.0	11.8	50.8	8.04	48.2	7.52	45.2	7.18	43.6	6.90	42.2	6.62	39.4	6.16		
15.0	13.7	50.8	7.60	48.2	7.12	45.2	6.78	43.6	6.52	42.2	6.26	39.4	5.82			
50	-24.8	-25	42.4	18.52	40.0	19.36	37.6	18.26	36.4	17.26	35.2	16.30	32.8	15.40		
	-21.8	-22	42.4	19.36	40.0	18.26	37.6	17.26	36.4	16.30	35.2	15.40	32.8	14.56		
	-19.8	-20	42.4	18.60	40.0	17.54	37.6	16.58	36.4	15.66	35.2	14.82	32.8	14.00		
	-18.8	-19	42.4	18.20	40.0	17.18	37.6	16.24	36.4	15.34	35.2	14.52	32.8	13.72		
	-16.7	-17	42.4	17.40	40.0	16.40	37.6	15.52	36.4	14.66	35.2	13.90	32.8	13.12		
	-13.7	-15	42.4	16.26	40.0	15.32	37.6	14.50	36.4	13.72	35.2	13.02	32.8	12.28		
	-11.8	-13	42.4	15.52	40.0	14.62	37.6	13.86	36.4	13.10	35.2	12.46	32.8	11.74		
	-9.8	-11	42.4	14.76	40.0	13.90	37.6	13.18	36.4	12.48	35.2	11.86	32.8	11.18		
	-9.5	-10	42.4	14.64	40.0	13.78	37.6	13.08	36.4	12.38	35.2	11.78	32.8	11.10		
	-8.5	-9.1	42.4	14.26	40.0	13.42	37.6	12.74	36.4	12.06	35.2	11.48	32.8	10.80		
	-7.0	-7.6	42.4	13.68	40.0	12.88	37.6	12.24	36.4	11.58	35.2	11.04	32.8	10.38		
	-5.0	-5.6	42.4	12.92	40.0	12.14	37.6	11.56	36.4	10.94	35.2	10.44	32.8	9.82		
	-3.0	-3.7	42.4	12.14	40.0	11.42	37.6	10.88	36.4	10.30	35.2	9.86	32.8	9.26		
	0.0	-0.7	42.4	11.00	40.0	10.32	37.6	9.86	36.4	9.34	35.2	8.96	32.8	8.40		
	3.0	2.2	42.4	9.84	40.0	9.24	37.6	8.84	36.4	8.40	35.2	8.08	32.8	7.56		
	5.0	4.1	42.4	9.08	40.0	8.50	37.6	8.16	36.4	7.76	35.2	7.48	32.8	7.00		
	7.0	6.0	42.4	8.30	40.0	7.78	37.6	7.50	36.4	7.12	35.2	6.90	32.8	6.44		
	9.0	7.9	42.4	7.50	40.0	7.02	37.6	6.76	36.4	6.42	35.2	6.22	32.8	5.80		
	11.0	9.8	42.4	7.02	40.0	6.58	37.6	6.32	36.4	6.02	35.2	5.82	32.8	5.44		
	13.0	11.8	42.4	6.58	40.0	6.18	37.6	5.94	36.4	5.64	35.2	5.48	32.8	5.10		
15.0	13.7	42.4	6.24	40.0	5.84	37.6	5.62	36.4	5.34	35.2	5.18	32.8	4.82			

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM261BTE5

Heating Capacity (26HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	51.2	24.79	51.2	25.14	51.0	25.44	51.0	25.91	51.0	26.36	50.3	27.06
	-21.8	-22	61.7	25.49	61.7	25.84	61.2	26.14	61.2	26.62	61.2	27.06	60.5	27.76
	-19.8	-20	64.7	25.96	64.7	26.31	64.3	26.62	64.3	27.08	64.3	27.53	63.5	28.23
	-18.8	-19	66.2	26.19	66.2	26.54	65.8	26.85	65.8	27.32	65.8	27.76	65.0	28.46
	-16.7	-17	69.5	26.69	69.5	27.04	69.0	27.34	69.0	27.81	69.0	28.25	68.1	28.96
	-13.7	-15	74.0	27.39	74.0	27.74	73.6	28.05	73.6	28.51	73.6	28.96	72.6	27.76
	-11.8	-13	76.4	27.83	76.4	28.18	76.0	28.49	76.0	28.96	76.0	28.96	75.4	26.99
	-9.8	-11	79.0	28.30	79.0	28.65	78.4	28.96	78.4	28.08	78.4	27.28	78.1	26.19
	-9.5	-10	79.5	28.37	79.5	28.73	79.0	28.82	79.0	27.94	78.9	27.15	78.6	26.08
	-8.5	-9.1	81.2	28.61	81.2	28.96	80.7	28.37	80.7	27.50	80.1	26.72	80.0	25.67
	-7.0	-7.6	83.8	28.96	83.8	28.27	83.2	27.68	83.2	26.84	83.2	26.07	82.7	25.07
	-5.0	-5.6	87.3	28.06	87.3	27.37	86.7	26.76	86.7	25.96	86.7	25.22	85.6	24.27
	-3.0	-3.7	90.7	27.16	90.7	26.46	90.1	25.86	90.1	25.08	90.1	24.35	88.6	23.46
	0.0	-0.7	95.8	25.81	95.8	25.10	95.3	24.49	95.3	23.75	95.3	23.07	92.5	22.26
	3.0	2.2	101.0	24.46	101.0	23.74	100.3	23.12	100.3	22.43	98.8	21.78	92.5	21.06
	5.0	4.1	103.9	23.56	103.9	22.83	103.4	22.20	102.2	21.56	99.3	20.92	92.5	20.26
	7.0	6.0	105.6	22.66	105.6	21.93	105.0	21.30	102.9	20.68	99.3	20.06	92.5	19.45
	9.0	7.9	105.9	21.91	105.9	21.20	105.5	20.59	102.9	19.98	99.3	19.39	92.5	18.81
	11.0	9.8	105.9	21.34	105.9	20.65	105.5	20.05	102.9	19.47	99.3	18.89	92.5	18.32
	13.0	11.8	105.9	20.74	105.9	20.07	105.5	19.49	102.9	18.92	99.3	18.36	92.5	17.80
15.0	13.7	105.9	20.09	105.9	19.45	105.5	18.88	102.9	18.33	99.3	17.78	92.5	17.25	
120	-24.8	-25	50.9	25.14	50.9	25.44	50.6	25.91	50.6	26.36	50.6	27.06	49.9	27.55
	-21.8	-22	61.2	25.84	61.2	26.14	60.8	26.62	60.8	27.06	60.8	27.76	60.1	28.25
	-19.8	-20	64.2	26.31	64.2	26.62	63.8	27.08	63.8	27.53	63.8	28.23	63.0	28.73
	-18.8	-19	65.8	26.54	65.8	26.85	65.3	27.32	65.3	27.76	65.3	28.46	64.5	28.96
	-16.7	-17	69.0	27.04	69.0	27.34	68.6	27.81	68.6	28.25	68.6	28.96	67.6	28.18
	-13.7	-15	73.4	27.74	73.4	28.05	73.0	28.51	73.0	28.96	73.0	27.80	72.1	27.07
	-11.8	-13	75.8	28.18	75.8	28.49	75.4	28.96	75.4	28.13	75.4	27.06	74.8	26.38
	-9.8	-11	78.4	28.65	78.4	28.96	77.9	28.04	77.9	27.27	77.9	26.30	77.6	25.64
	-9.5	-10	79.0	28.73	79.0	28.81	78.5	27.91	78.5	27.14	78.5	26.17	78.2	25.53
	-8.5	-9.1	80.7	28.96	80.7	28.32	80.1	27.45	80.1	26.70	80.1	25.79	79.8	25.16
	-7.0	-7.6	83.2	28.22	83.2	27.59	82.7	26.77	82.7	26.05	82.5	25.21	82.1	24.61
	-5.0	-5.6	86.6	27.25	86.6	26.63	86.0	25.85	86.0	25.19	86.0	24.44	85.1	23.87
	-3.0	-3.7	90.1	26.26	90.1	25.66	89.5	24.95	89.5	24.33	89.5	23.66	86.9	23.14
	0.0	-0.7	95.1	24.80	95.1	24.20	94.5	23.57	94.5	23.03	93.3	22.51	86.9	22.03
	3.0	2.2	100.3	23.33	100.3	22.74	98.7	22.21	96.5	21.73	93.4	21.35	86.9	20.93
	5.0	4.1	103.1	22.35	102.6	21.76	99.8	21.29	96.5	20.86	93.4	20.57	86.9	20.18
	7.0	6.0	104.8	21.37	103.9	20.79	99.8	20.39	96.5	19.99	93.4	19.81	86.9	19.45
	9.0	7.9	105.0	20.62	103.9	20.06	99.8	19.67	96.5	19.29	93.4	19.11	86.9	18.77
	11.0	9.8	105.0	20.05	103.9	19.50	99.8	19.12	96.5	18.75	93.4	18.57	86.9	18.24
	13.0	11.8	105.0	19.43	103.9	18.90	99.8	18.53	96.5	18.18	93.4	18.01	86.9	17.69
15.0	13.7	105.0	18.78	103.9	18.27	99.8	17.91	96.5	17.57	93.4	17.40	86.9	17.09	
110	-24.8	-25	50.6	25.44	50.6	25.91	50.3	26.36	50.3	27.06	50.3	27.55	49.7	27.78
	-21.8	-22	60.9	26.14	60.9	26.62	60.5	27.06	60.5	27.76	60.5	28.25	59.8	28.49
	-19.8	-20	63.9	26.62	63.9	27.08	63.5	27.53	63.5	28.23	63.5	28.73	62.7	28.96
	-18.8	-19	65.4	26.85	65.4	27.32	64.9	27.76	64.9	28.46	64.9	28.96	64.2	28.56
	-16.7	-17	68.6	27.34	68.6	27.81	68.2	28.25	68.2	28.96	68.2	28.13	67.2	27.71
	-13.7	-15	73.1	28.05	73.1	28.51	72.6	28.96	72.6	27.70	72.6	26.94	72.6	26.50
	-11.8	-13	75.5	28.49	75.5	28.96	75.0	28.06	75.0	26.90	75.0	26.19	75.0	25.74
	-9.8	-11	78.0	28.96	78.0	27.95	77.5	27.12	77.5	26.06	77.5	25.40	77.5	24.94
	-9.5	-10	78.5	28.79	78.5	27.80	78.1	26.99	78.1	25.93	78.1	25.29	77.9	24.82
	-8.5	-9.1	80.2	28.25	80.2	27.29	79.7	26.52	79.7	25.51	79.7	24.89	78.2	24.42
	-7.0	-7.6	82.8	27.42	82.8	26.53	82.3	25.81	82.3	24.89	82.3	24.29	78.2	23.81
	-5.0	-5.6	86.2	26.33	86.2	25.52	85.6	24.87	85.6	24.04	83.7	23.51	78.2	23.01
	-3.0	-3.7	89.5	25.23	89.5	24.51	88.8	23.93	86.6	23.21	83.7	22.71	78.2	22.20
	0.0	-0.7	94.7	23.58	94.3	22.99	89.5	22.52	86.6	21.94	83.7	21.52	78.2	21.00
	3.0	2.2	99.3	21.94	95.4	21.48	89.5	21.11	86.6	20.68	83.7	20.34	78.2	19.78
	5.0	4.1	100.9	20.84	95.4	20.46	89.5	20.17	86.6	19.85	83.7	19.55	78.2	18.98
	7.0	6.0	101.0	19.76	95.4	19.45	89.5	19.23	86.6	19.00	83.7	18.76	78.2	18.18
	9.0	7.9	101.0	18.98	95.4	18.69	89.5	18.49	86.6	18.26	83.7	18.02	78.2	17.47
	11.0	9.8	101.0	18.36	95.4	18.08	89.5	17.88	86.6	17.66	83.7	17.44	78.2	16.89
	13.0	11.8	101.0	17.70	95.4	17.44	89.5	17.24	86.6	17.03	83.7	16.82	78.2	16.29
15.0	13.7	101.0	17.01	95.4	16.75	89.5	16.57	86.6	16.36	83.7	16.15	78.2	15.65	

7. Capacity Tables

Heating Capacity (26HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	50.4	28.33	50.4	28.41	50.1	27.10	50.1	28.62	50.1	28.71	49.5	28.75
	-21.8	-22	60.6	28.46	60.6	28.54	60.3	27.95	60.3	28.74	60.3	29.24	59.5	28.87
	-19.8	-20	63.6	28.54	63.6	28.62	63.2	28.51	63.2	28.83	63.2	29.06	62.4	28.96
	-18.8	-19	65.1	28.58	64.7	28.66	64.7	28.74	64.7	28.87	64.7	28.96	63.9	28.47
	-16.7	-17	67.9	28.67	67.9	28.75	67.9	29.24	67.5	28.96	67.5	27.95	66.6	27.46
	-13.7	-15	72.7	28.79	72.7	28.88	72.3	28.96	72.3	27.50	72.3	26.53	71.5	26.01
	-11.8	-13	75.1	28.87	74.7	28.96	74.7	27.97	74.7	26.57	74.7	25.62	71.5	25.09
	-9.8	-11	77.6	28.96	77.6	27.84	77.2	26.93	77.2	25.59	76.7	24.67	71.5	24.13
	-9.5	-10	78.1	28.78	78.1	27.68	77.7	26.77	77.7	25.45	76.7	24.53	71.5	23.99
	-8.5	-9.1	79.8	28.19	79.8	27.12	79.4	26.25	79.3	24.97	76.7	24.05	71.5	23.50
	-7.0	-7.6	83.7	27.32	83.4	26.30	81.9	25.47	79.3	24.24	76.7	23.33	71.5	22.78
	-5.0	-5.6	87.3	26.15	86.5	25.18	81.9	24.44	79.3	23.26	76.7	22.38	71.5	21.82
	-3.0	-3.7	89.9	24.97	87.1	24.08	81.9	23.39	79.3	22.28	76.7	21.42	71.5	20.85
	0.0	-0.7	92.3	23.22	87.1	22.41	81.9	21.84	79.3	20.83	76.7	20.00	71.5	19.40
	3.0	2.2	92.3	21.47	87.1	20.74	81.9	20.28	79.3	19.36	76.7	18.56	71.5	17.95
	5.0	4.1	92.3	20.30	87.1	19.63	81.9	19.23	79.3	18.38	76.7	17.61	71.5	16.99
	7.0	6.0	92.3	19.12	87.1	18.52	81.9	18.20	79.3	17.41	76.7	16.66	71.5	16.02
	9.0	7.9	92.3	18.21	87.1	17.64	81.9	17.33	79.3	16.58	76.7	15.86	71.5	15.26
	11.0	9.8	92.3	17.45	87.1	16.90	81.9	16.61	79.3	15.89	76.7	15.20	71.5	14.62
	13.0	11.8	92.3	16.64	87.1	16.12	81.9	15.84	79.3	15.15	76.7	14.50	71.5	13.94
15.0	13.7	92.3	15.79	87.1	15.30	81.9	15.02	79.3	14.38	76.7	13.76	71.5	13.24	
90	-24.8	-25	50.2	25.11	50.2	25.82	49.9	26.31	49.9	26.54	49.9	27.02	49.3	27.72
	-21.8	-22	60.4	25.82	60.4	26.52	60.1	27.02	60.1	27.25	60.1	27.72	59.2	26.48
	-19.8	-20	63.4	26.29	63.4	26.99	63.0	27.49	63.0	27.72	63.0	26.87	62.2	25.65
	-18.8	-19	65.1	26.52	64.7	27.22	64.5	27.72	64.5	27.28	64.5	26.44	63.7	25.24
	-16.7	-17	67.9	27.02	67.9	27.72	67.5	26.80	67.5	26.35	67.5	25.55	65.2	24.37
	-13.7	-15	72.7	27.72	72.7	26.36	72.1	25.50	72.1	25.03	70.2	24.27	65.2	23.13
	-11.8	-13	75.1	26.78	74.7	25.49	74.4	24.68	72.6	24.19	70.2	23.46	65.2	22.34
	-9.8	-11	77.6	25.79	77.6	24.58	75.0	23.80	72.6	23.31	70.2	22.60	65.2	21.51
	-9.5	-10	78.1	25.64	78.1	24.44	75.0	23.67	72.6	23.19	70.2	22.48	65.2	21.39
	-8.5	-9.1	79.8	25.14	79.2	23.98	75.0	23.24	72.6	22.74	70.2	22.05	65.2	20.97
	-7.0	-7.6	83.7	24.41	79.6	23.30	75.0	22.58	72.6	22.08	70.2	21.42	65.2	20.36
	-5.0	-5.6	84.6	23.41	79.6	22.39	75.0	21.70	72.6	21.21	70.2	20.56	65.2	19.53
	-3.0	-3.7	84.6	22.43	79.6	21.48	75.0	20.84	72.6	20.33	70.2	19.71	65.2	18.71
	0.0	-0.7	84.6	20.94	79.6	20.12	75.0	19.53	72.6	19.00	70.2	18.43	65.2	17.46
	3.0	2.2	84.6	19.45	79.6	18.75	75.0	18.23	72.6	17.68	70.2	17.15	65.2	16.22
	5.0	4.1	84.6	18.47	79.6	17.84	75.0	17.36	72.6	16.80	70.2	16.30	65.2	15.39
	7.0	6.0	84.6	17.48	79.6	16.93	75.0	16.48	72.6	15.92	70.2	15.45	65.2	14.56
	9.0	7.9	84.6	16.55	79.6	16.05	75.0	15.61	72.6	15.08	70.2	14.63	65.2	13.80
	11.0	9.8	84.6	15.63	79.6	15.15	75.0	14.74	72.6	14.24	70.2	13.82	65.2	13.02
	13.0	11.8	84.6	14.70	79.6	14.26	75.0	13.87	72.6	13.39	70.2	13.00	65.2	12.26
15.0	13.7	84.6	13.78	79.6	13.36	75.0	13.00	72.6	12.55	70.2	12.18	65.2	11.49	
80	-24.8	-25	50.0	21.97	50.0	22.68	49.7	23.17	49.7	23.41	49.7	24.58	49.1	23.49
	-21.8	-22	59.7	22.68	59.7	23.38	59.7	23.88	59.7	24.58	59.7	23.49	58.3	22.45
	-19.8	-20	62.7	23.15	62.7	23.85	62.7	24.58	62.7	23.81	62.4	22.76	58.3	21.75
	-18.8	-19	64.2	23.38	64.2	24.58	64.2	24.19	64.2	23.42	62.6	22.40	58.3	21.39
	-16.7	-17	67.0	24.58	67.0	23.76	67.0	23.36	65.0	22.60	62.6	21.63	58.3	20.67
	-13.7	-15	70.0	23.35	68.7	22.57	67.0	22.18	65.0	21.44	62.6	20.53	58.3	19.62
	-11.8	-13	71.9	22.58	69.7	21.83	67.0	21.42	65.0	20.71	62.6	19.84	58.3	18.96
	-9.8	-11	73.8	21.76	70.8	21.05	67.0	20.64	65.0	19.94	62.6	19.12	58.3	18.26
	-9.5	-10	74.3	21.63	71.1	20.93	67.0	20.52	65.0	19.82	62.6	19.01	58.3	18.16
	-8.5	-9.1	75.1	21.22	71.4	20.54	67.0	20.13	65.0	19.44	62.6	18.65	58.3	17.81
	-7.0	-7.6	75.8	20.61	71.4	19.95	67.0	19.54	65.0	18.85	62.6	18.10	58.3	17.29
	-5.0	-5.6	75.8	19.79	71.4	19.17	67.0	18.75	65.0	18.08	62.6	17.37	58.3	16.59
	-3.0	-3.7	75.8	18.97	71.4	18.37	67.0	17.97	65.0	17.31	62.6	16.64	58.3	15.89
	0.0	-0.7	75.8	17.75	71.4	17.20	67.0	16.79	65.0	16.15	62.6	15.55	58.3	14.85
	3.0	2.2	75.8	16.52	71.4	16.03	67.0	15.60	65.0	14.99	62.6	14.46	58.3	13.81
	5.0	4.1	75.8	15.71	71.4	15.23	67.0	14.81	65.0	14.21	62.6	13.73	58.3	13.11
	7.0	6.0	75.8	14.89	71.4	14.45	67.0	14.02	65.0	13.44	62.6	13.00	58.3	12.41
	9.0	7.9	75.8	13.98	71.4	13.57	67.0	13.17	65.0	12.62	62.6	12.21	58.3	11.66
	11.0	9.8	75.8	12.97	71.4	12.59	67.0	12.22	65.0	11.72	62.6	11.33	58.3	10.81
	13.0	11.8	75.8	12.11	71.4	11.75	67.0	11.41	65.0	10.94	62.6	10.58	58.3	10.10
15.0	13.7	75.8	11.39	71.4	11.07	67.0	10.74	65.0	10.29	62.6	9.96	58.3	9.51	

7. Capacity Tables

Heating Capacity (26HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	50.0	22.45	50.0	22.68	49.7	23.15	49.7	23.86	49.7	22.68	49.0	21.60
	-21.8	-22	57.4	23.15	57.4	23.39	57.0	23.86	55.1	22.68	53.5	21.60	49.9	20.54
	-19.8	-20	62.4	23.62	60.7	23.86	57.0	23.03	55.1	21.91	53.5	20.87	49.9	19.84
	-18.8	-19	64.0	23.86	60.7	23.43	57.0	22.62	55.1	21.52	53.5	20.50	49.9	19.50
	-16.7	-17	64.2	22.97	60.7	22.53	57.0	21.76	55.1	20.70	53.5	19.75	49.9	18.76
	-13.7	-15	64.2	21.70	60.7	21.26	57.0	20.52	55.1	19.53	53.5	18.65	49.9	17.71
	-11.8	-13	64.2	20.89	60.7	20.45	57.0	19.75	55.1	18.79	53.5	17.96	49.9	17.04
	-9.8	-11	64.2	20.05	60.7	19.59	57.0	18.93	55.1	18.02	53.5	17.23	49.9	16.35
	-9.5	-10	64.2	19.93	60.7	19.47	57.0	18.80	55.1	17.90	53.5	17.13	49.9	16.24
	-8.5	-9.1	64.2	19.51	60.7	19.04	57.0	18.39	55.1	17.51	53.5	16.76	49.9	15.89
	-7.0	-7.6	64.2	18.87	60.7	18.40	57.0	17.77	55.1	16.92	53.5	16.21	49.9	15.36
	-5.0	-5.6	64.2	18.03	60.7	17.55	57.0	16.95	55.1	16.15	53.5	15.49	49.9	14.67
	-3.0	-3.7	64.2	17.18	60.7	16.70	57.0	16.13	55.1	15.37	53.5	14.77	49.9	13.97
	0.0	-0.7	64.2	15.92	60.7	15.42	57.0	14.90	55.1	14.20	53.5	13.67	49.9	12.91
	3.0	2.2	64.2	14.65	60.7	14.15	57.0	13.67	55.1	13.04	53.5	12.59	49.9	11.87
	5.0	4.1	64.2	13.81	60.7	13.29	57.0	12.84	55.1	12.25	53.5	11.86	49.9	11.17
	7.0	6.0	64.2	12.96	60.7	12.44	57.0	12.02	55.1	11.48	53.5	11.14	49.9	10.47
	9.0	7.9	64.2	11.70	60.7	11.23	57.0	10.86	55.1	10.36	53.5	10.05	49.9	9.45
	11.0	9.8	64.2	10.90	60.7	10.46	57.0	10.11	55.1	9.65	53.5	9.36	49.9	8.80
	13.0	11.8	64.2	10.20	60.7	9.78	57.0	9.46	55.1	9.03	53.5	8.76	49.9	8.24
15.0	13.7	64.2	9.61	60.7	9.22	57.0	8.91	55.1	8.51	53.5	8.26	49.9	7.77	
60	-24.8	-25	49.2	21.98	49.2	22.45	48.9	23.15	47.3	21.94	45.7	20.80	42.7	19.73
	-21.8	-22	52.7	22.68	52.2	23.15	48.9	21.94	47.3	20.80	45.7	19.73	42.7	18.69
	-19.8	-20	55.1	23.15	52.2	22.29	48.9	21.13	47.3	20.03	45.7	19.01	42.7	18.00
	-18.8	-19	55.1	22.71	52.2	21.86	48.9	20.72	47.3	19.66	45.7	18.66	42.7	17.67
	-16.7	-17	55.1	21.80	52.2	20.95	48.9	19.87	47.3	18.86	45.7	17.91	42.7	16.95
	-13.7	-15	55.1	20.49	52.2	19.67	48.9	18.65	47.3	17.72	45.7	16.84	42.7	15.91
	-11.8	-13	55.1	19.67	52.2	18.85	48.9	17.88	47.3	17.00	45.7	16.17	42.7	15.26
	-9.8	-11	55.1	18.80	52.2	17.99	48.9	17.07	47.3	16.25	45.7	15.45	42.7	14.57
	-9.5	-10	55.1	18.68	52.2	17.87	48.9	16.95	47.3	16.13	45.7	15.34	42.7	14.47
	-8.5	-9.1	55.1	18.24	52.2	17.44	48.9	16.55	47.3	15.75	45.7	14.99	42.7	14.13
	-7.0	-7.6	55.1	17.59	52.2	16.79	48.9	15.93	47.3	15.18	45.7	14.45	42.7	13.61
	-5.0	-5.6	55.1	16.72	52.2	15.93	48.9	15.13	47.3	14.42	45.7	13.74	42.7	12.92
	-3.0	-3.7	55.1	15.84	52.2	15.07	48.9	14.32	47.3	13.67	45.7	13.03	42.7	12.23
	0.0	-0.7	55.1	14.54	52.2	13.78	48.9	13.11	47.3	12.53	45.7	11.96	42.7	11.21
	3.0	2.2	55.1	13.23	52.2	12.48	48.9	11.89	47.3	11.39	45.7	10.89	42.7	10.18
	5.0	4.1	55.1	12.37	52.2	11.63	48.9	11.08	47.3	10.62	45.7	10.18	42.7	9.49
	7.0	6.0	55.1	11.50	52.2	10.77	48.9	10.27	47.3	9.87	45.7	9.47	42.7	8.80
	9.0	7.9	55.1	10.25	52.2	9.61	48.9	9.16	47.3	8.80	45.7	8.44	42.7	7.86
	11.0	9.8	55.1	9.58	52.2	8.97	48.9	8.55	47.3	8.22	45.7	7.88	42.7	7.33
	13.0	11.8	55.1	8.97	52.2	8.40	48.9	8.01	47.3	7.70	45.7	7.39	42.7	6.87
15.0	13.7	55.1	8.48	52.2	7.95	48.9	7.57	47.3	7.28	45.7	6.99	42.7	6.49	
50	-24.8	-25	46.0	19.70	43.4	20.40	40.7	19.29	39.4	18.27	38.1	17.30	35.5	16.38
	-21.8	-22	46.0	20.40	43.4	19.29	40.7	18.27	39.4	17.30	38.1	16.38	35.5	15.52
	-19.8	-20	46.0	19.63	43.4	18.56	40.7	17.58	39.4	16.65	38.1	15.79	35.5	14.94
	-18.8	-19	46.0	19.24	43.4	18.20	40.7	17.24	39.4	16.32	38.1	15.48	35.5	14.65
	-16.7	-17	46.0	18.43	43.4	17.41	40.7	16.51	39.4	15.63	38.1	14.85	35.5	14.04
	-13.7	-15	46.0	17.28	43.4	16.31	40.7	15.48	39.4	14.67	38.1	13.95	35.5	13.18
	-11.8	-13	46.0	16.54	43.4	15.61	40.7	14.83	39.4	14.04	38.1	13.38	35.5	12.63
	-9.8	-11	46.0	15.77	43.4	14.88	40.7	14.14	39.4	13.40	38.1	12.77	35.5	12.05
	-9.5	-10	46.0	15.65	43.4	14.76	40.7	14.04	39.4	13.30	38.1	12.68	35.5	11.96
	-8.5	-9.1	46.0	15.27	43.4	14.40	40.7	13.69	39.4	12.98	38.1	12.38	35.5	11.67
	-7.0	-7.6	46.0	14.68	43.4	13.85	40.7	13.18	39.4	12.49	38.1	11.93	35.5	11.23
	-5.0	-5.6	46.0	13.92	43.4	13.10	40.7	12.49	39.4	11.84	38.1	11.32	35.5	10.66
	-3.0	-3.7	46.0	13.14	43.4	12.37	40.7	11.80	39.4	11.19	38.1	10.72	35.5	10.08
	0.0	-0.7	46.0	11.98	43.4	11.26	40.7	10.77	39.4	10.21	38.1	9.81	35.5	9.21
	3.0	2.2	46.0	10.82	43.4	10.16	40.7	9.74	39.4	9.25	38.1	8.91	35.5	8.34
	5.0	4.1	46.0	10.05	43.4	9.42	40.7	9.05	39.4	8.60	38.1	8.30	35.5	7.76
	7.0	6.0	46.0	9.27	43.4	8.69	40.7	8.37	39.4	7.95	38.1	7.70	35.5	7.19
	9.0	7.9	46.0	8.37	43.4	7.84	40.7	7.55	39.4	7.17	38.1	6.95	35.5	6.48
	11.0	9.8	46.0	7.84	43.4	7.34	40.7	7.06	39.4	6.72	38.1	6.50	35.5	6.07
	13.0	11.8	46.0	7.35	43.4	6.89	40.7	6.63	39.4	6.30	38.1	6.11	35.5	5.70
15.0	13.7	46.0	6.96	43.4	6.52	40.7	6.28	39.4	5.96	38.1	5.78	35.5	5.39	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM280BTE5

Heating Capacity (28HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	52.6	25.90	52.6	26.39	52.3	26.80	52.3	27.45	52.3	28.06	52.2	29.03
	-21.8	-22	63.6	26.87	63.6	27.35	63.2	27.77	63.2	28.42	63.2	29.03	63.1	30.00
	-19.8	-20	66.9	27.51	66.9	27.99	66.5	28.42	66.5	29.06	66.5	29.68	66.4	30.64
	-18.8	-19	68.6	27.83	68.6	28.32	68.2	28.74	68.2	29.38	68.2	30.00	68.1	30.96
	-16.7	-17	72.1	28.51	72.1	29.00	71.7	29.41	71.7	30.07	71.7	30.67	71.5	31.64
	-13.7	-15	77.1	29.48	77.1	29.96	76.6	30.39	76.6	31.03	76.6	31.64	76.4	30.40
	-11.8	-13	79.7	30.09	79.7	30.58	79.2	31.00	79.2	31.64	79.2	30.80	79.2	29.61
	-9.8	-11	82.5	30.74	82.5	31.22	81.9	31.64	81.9	30.74	81.9	29.91	81.9	28.78
	-9.5	-10	83.2	30.83	83.2	31.32	82.7	31.50	82.7	30.60	82.3	29.78	82.3	28.66
	-8.5	-9.1	86.0	31.16	86.0	31.64	85.5	31.04	85.5	30.15	83.7	29.34	83.7	28.23
	-7.0	-7.6	90.3	31.64	90.3	30.95	89.6	30.35	89.6	29.48	89.6	28.67	87.6	27.61
	-5.0	-5.6	95.9	30.75	95.9	30.04	95.2	29.42	95.2	28.58	95.2	27.79	90.8	26.78
	-3.0	-3.7	101.5	29.86	101.5	29.13	100.8	28.49	100.8	27.68	100.8	26.90	94.1	25.95
	0.0	-0.7	109.8	28.52	109.8	27.76	109.1	27.10	108.0	26.31	105.8	25.58	98.8	24.70
	3.0	2.2	112.7	27.18	112.7	26.39	112.2	25.71	110.6	24.96	106.9	24.24	99.6	23.46
	5.0	4.1	114.0	26.28	114.0	25.48	113.6	24.78	110.8	24.06	106.9	23.36	99.6	22.63
	7.0	6.0	114.0	25.39	114.0	24.57	113.6	23.86	110.8	23.16	106.9	22.47	99.6	21.80
	9.0	7.9	114.0	24.65	114.0	23.85	113.6	23.16	110.8	22.48	106.9	21.82	99.6	21.16
	11.0	9.8	114.0	24.12	114.0	23.34	113.6	22.66	110.8	22.00	106.9	21.35	99.6	20.71
	13.0	11.8	114.0	23.55	114.0	22.79	113.6	22.13	110.8	21.48	106.9	20.85	99.6	20.22
15.0	13.7	114.0	22.94	114.0	22.21	113.6	21.56	110.8	20.93	106.9	20.31	99.6	19.70	
120	-24.8	-25	52.3	26.39	52.3	26.80	51.9	27.45	51.9	28.06	51.9	29.03	51.8	29.71
	-21.8	-22	63.2	27.35	63.2	27.77	62.8	28.42	62.8	29.03	62.8	30.00	62.7	30.67
	-19.8	-20	66.5	27.99	66.5	28.42	66.0	29.06	66.0	29.68	66.0	30.64	65.9	31.32
	-18.8	-19	68.1	28.32	68.1	28.74	67.7	29.38	67.7	30.00	67.7	30.96	67.6	31.64
	-16.7	-17	71.6	29.00	71.6	29.41	71.2	30.07	71.2	30.67	71.2	31.64	71.0	30.84
	-13.7	-15	76.5	29.96	76.5	30.39	76.0	31.03	76.0	31.64	76.0	30.45	75.9	29.69
	-11.8	-13	79.1	30.58	79.1	31.00	78.6	31.64	78.6	30.79	78.6	29.69	78.6	28.97
	-9.8	-11	81.8	31.22	81.8	31.64	81.3	30.70	81.3	29.90	81.3	28.89	81.3	28.21
	-9.5	-10	82.7	31.32	82.7	31.50	82.2	30.57	82.2	29.77	82.2	28.77	82.2	28.09
	-8.5	-9.1	85.5	31.64	85.5	31.00	84.9	30.10	84.9	29.32	84.4	28.38	84.4	27.71
	-7.0	-7.6	89.6	30.90	89.6	30.25	89.1	29.40	89.1	28.65	87.0	27.77	86.9	27.14
	-5.0	-5.6	95.2	29.91	95.2	29.26	94.5	28.46	94.5	27.76	94.5	26.98	90.2	26.37
	-3.0	-3.7	100.7	28.91	100.7	28.27	100.1	27.52	100.1	26.87	99.2	26.17	92.9	25.61
	0.0	-0.7	109.0	27.43	108.5	26.78	105.7	26.11	103.7	25.53	100.6	24.98	93.5	24.47
	3.0	2.2	111.9	25.93	111.2	25.29	107.5	24.71	103.9	24.19	100.6	23.78	93.5	23.32
	5.0	4.1	113.1	24.93	111.9	24.28	107.5	23.77	103.9	23.29	100.6	22.98	93.5	22.55
	7.0	6.0	113.1	23.94	111.9	23.29	107.5	22.84	103.9	22.40	100.6	22.19	93.5	21.79
	9.0	7.9	113.1	23.19	111.9	22.56	107.5	22.12	103.9	21.69	100.6	21.49	93.5	21.11
	11.0	9.8	113.1	22.64	111.9	22.03	107.5	21.59	103.9	21.18	100.6	20.98	93.5	20.61
	13.0	11.8	113.1	22.05	111.9	21.45	107.5	21.02	103.9	20.63	100.6	20.44	93.5	20.07
15.0	13.7	113.1	21.42	111.9	20.84	107.5	20.43	103.9	20.04	100.6	19.85	93.5	19.50	
110	-24.8	-25	51.9	26.80	51.9	27.45	51.7	28.06	51.7	29.03	51.7	29.71	51.6	30.03
	-21.8	-22	62.9	27.77	62.9	28.42	62.5	29.03	62.5	30.00	62.5	30.67	62.4	31.00
	-19.8	-20	66.1	28.42	66.1	29.06	65.7	29.68	65.7	30.64	65.7	31.32	65.5	31.64
	-18.8	-19	67.7	28.74	67.7	29.38	67.3	30.00	67.3	30.96	67.3	31.64	67.2	31.22
	-16.7	-17	71.2	29.41	71.2	30.07	70.8	30.67	70.8	31.64	70.8	30.78	70.6	30.33
	-13.7	-15	76.2	30.39	76.2	31.03	75.6	31.64	75.6	30.33	75.6	29.54	75.6	29.07
	-11.8	-13	78.7	31.00	78.7	31.64	78.2	30.71	78.2	29.51	78.2	28.76	78.2	28.27
	-9.8	-11	81.4	31.64	81.4	30.60	80.9	29.74	80.9	28.63	80.9	27.94	80.9	27.43
	-9.5	-10	82.2	31.47	82.2	30.44	81.8	29.60	81.8	28.49	81.8	27.82	81.8	27.31
	-8.5	-9.1	85.0	30.91	85.0	29.92	84.4	29.11	84.4	28.06	84.1	27.40	83.6	26.89
	-7.0	-7.6	89.1	30.05	89.1	29.13	88.6	28.37	88.6	27.41	87.1	26.78	84.2	26.26
	-5.0	-5.6	94.7	28.93	94.7	28.08	94.0	27.40	93.0	26.53	89.2	25.96	84.2	25.42
	-3.0	-3.7	100.1	27.79	100.1	27.03	96.4	26.42	93.3	25.66	90.1	25.14	84.2	24.58
	0.0	-0.7	106.5	26.09	102.7	25.46	96.4	24.96	93.3	24.35	90.1	23.90	84.2	23.32
	3.0	2.2	108.7	24.39	102.7	23.89	96.4	23.50	93.3	23.04	90.1	22.67	84.2	22.05
	5.0	4.1	108.7	23.26	102.7	22.84	96.4	22.52	93.3	22.17	90.1	21.84	84.2	21.21
	7.0	6.0	108.7	22.13	102.7	21.79	96.4	21.55	93.3	21.29	90.1	21.02	84.2	20.37
	9.0	7.9	108.7	21.34	102.7	21.02	96.4	20.79	93.3	20.53	90.1	20.26	84.2	19.65
	11.0	9.8	108.7	20.73	102.7	20.42	96.4	20.19	93.3	19.95	90.1	19.69	84.2	19.08
	13.0	11.8	108.7	20.08	102.7	19.79	96.4	19.56	93.3	19.32	90.1	19.08	84.2	18.48
15.0	13.7	108.7	19.40	102.7	19.10	96.4	18.89	93.3	18.66	90.1	18.42	84.2	17.85	

7. Capacity Tables

Heating Capacity (28HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	51.7	29.84	51.7	30.08	51.4	29.17	51.4	30.67	51.4	30.93	51.3	31.04
	-21.8	-22	62.5	30.21	62.5	30.44	62.2	30.09	62.2	31.03	62.2	31.71	62.0	31.40
	-19.8	-20	65.8	30.44	65.8	30.68	65.4	30.70	65.4	31.27	65.4	31.67	65.3	31.64
	-18.8	-19	67.5	30.56	67.0	30.80	67.0	31.03	67.0	31.39	67.0	31.64	66.9	31.13
	-16.7	-17	70.5	30.81	70.5	31.05	70.5	31.71	70.1	31.64	70.1	30.58	69.9	30.06
	-13.7	-15	75.8	31.17	75.8	31.42	75.3	31.64	75.3	30.11	75.3	29.08	75.2	28.52
	-11.8	-13	78.3	31.40	77.9	31.64	77.9	30.61	77.9	29.13	77.9	28.12	76.7	27.55
	-9.8	-11	80.9	31.64	80.9	30.48	80.6	29.53	80.6	28.11	80.6	27.11	76.9	26.53
	-9.5	-10	81.8	31.46	81.8	30.31	81.4	29.36	81.4	27.96	81.2	26.97	76.9	26.38
	-8.5	-9.1	84.5	30.85	84.5	29.73	84.1	28.81	85.4	27.45	82.6	26.46	76.9	25.87
	-7.0	-7.6	90.1	29.94	89.8	28.87	88.2	28.00	85.4	26.68	82.6	25.70	76.9	25.10
	-5.0	-5.6	94.1	28.73	93.1	27.70	88.2	26.91	85.4	25.65	82.6	24.70	76.9	24.09
	-3.0	-3.7	96.8	27.50	93.8	26.55	88.2	25.82	85.4	24.62	82.6	23.69	76.9	23.06
	0.0	-0.7	99.5	25.68	93.8	24.81	88.2	24.20	85.4	23.09	82.6	22.19	76.9	21.52
	3.0	2.2	99.5	23.86	93.8	23.07	88.2	22.56	85.4	21.56	82.6	20.67	76.9	19.99
	5.0	4.1	99.5	22.65	93.8	21.91	88.2	21.47	85.4	20.53	82.6	19.67	76.9	18.97
	7.0	6.0	99.5	21.42	93.8	20.75	88.2	20.39	85.4	19.51	82.6	18.66	76.9	17.95
9.0	7.9	99.5	20.45	93.8	19.81	88.2	19.46	85.4	18.62	82.6	17.82	76.9	17.13	
11.0	9.8	99.5	19.65	93.8	19.03	88.2	18.70	85.4	17.89	82.6	17.12	76.9	16.46	
13.0	11.8	99.5	18.79	93.8	18.20	88.2	17.89	85.4	17.11	82.6	16.37	76.9	15.74	
15.0	13.7	99.5	17.90	93.8	17.33	88.2	17.03	85.4	16.29	82.6	15.59	76.9	15.00	
90	-24.8	-25	51.5	26.48	51.5	27.45	51.2	28.12	51.2	28.44	51.2	29.10	51.1	30.06
	-21.8	-22	62.3	27.45	62.3	28.42	62.0	29.10	62.0	29.42	62.0	30.06	61.8	28.77
	-19.8	-20	65.6	28.09	65.6	29.06	65.1	29.74	65.1	30.06	65.1	29.18	65.0	27.90
	-18.8	-19	67.5	28.42	67.0	29.38	66.8	30.06	66.8	29.61	66.8	28.73	66.7	27.47
	-16.7	-17	70.5	29.10	70.5	30.06	70.1	29.12	70.1	28.64	70.1	27.81	69.3	26.56
	-13.7	-15	75.8	30.06	75.8	28.66	75.1	27.77	75.1	27.28	74.5	26.48	70.3	25.27
	-11.8	-13	78.3	29.10	77.9	27.77	77.6	26.92	77.0	26.41	75.6	25.64	70.3	24.44
	-9.8	-11	80.9	28.09	80.9	26.83	79.6	26.02	78.2	25.50	75.6	24.74	70.3	23.57
	-9.5	-10	81.8	27.93	81.8	26.69	80.2	25.88	78.2	25.37	75.6	24.62	70.3	23.45
	-8.5	-9.1	84.5	27.42	83.9	26.22	80.7	25.43	78.2	24.90	75.6	24.17	70.3	23.01
	-7.0	-7.6	90.1	26.67	85.7	25.52	80.7	24.76	78.2	24.22	75.6	23.51	70.3	22.37
	-5.0	-5.6	91.1	25.65	85.7	24.59	80.7	23.85	78.2	23.31	75.6	22.62	70.3	21.50
	-3.0	-3.7	91.1	24.64	85.7	23.65	80.7	22.96	78.2	22.40	75.6	21.73	70.3	20.64
	0.0	-0.7	91.1	23.13	85.7	22.25	80.7	21.62	78.2	21.03	75.6	20.40	70.3	19.34
	3.0	2.2	91.1	21.60	85.7	20.84	80.7	20.27	78.2	19.66	75.6	19.07	70.3	18.05
	5.0	4.1	91.1	20.59	85.7	19.91	80.7	19.37	78.2	18.75	75.6	18.19	70.3	17.18
	7.0	6.0	91.1	19.58	85.7	18.97	80.7	18.46	78.2	17.84	75.6	17.31	70.3	16.32
9.0	7.9	91.1	18.62	85.7	18.06	80.7	17.56	78.2	16.97	75.6	16.47	70.3	15.53	
11.0	9.8	91.1	17.68	85.7	17.13	80.7	16.67	78.2	16.10	75.6	15.62	70.3	14.73	
13.0	11.8	91.1	16.72	85.7	16.21	80.7	15.77	78.2	15.23	75.6	14.78	70.3	13.94	
15.0	13.7	91.1	15.77	85.7	15.28	80.7	14.87	78.2	14.36	75.6	13.94	70.3	13.14	
80	-24.8	-25	51.3	23.07	51.3	24.05	51.0	24.72	51.0	25.05	51.0	26.65	50.9	25.52
	-21.8	-22	61.6	24.05	61.6	25.01	61.6	25.69	61.6	26.65	61.6	25.52	61.0	24.42
	-19.8	-20	64.9	24.69	64.9	25.65	64.9	26.65	64.9	25.85	64.9	24.75	62.8	23.69
	-18.8	-19	66.5	25.01	66.5	26.65	66.5	26.25	66.5	25.44	66.0	24.38	62.8	23.32
	-16.7	-17	70.1	26.65	70.1	25.81	70.1	25.39	69.2	24.60	67.5	23.57	62.8	22.56
	-13.7	-15	75.4	25.39	74.0	24.58	72.2	24.17	70.0	23.39	67.5	22.43	62.8	21.46
	-11.8	-13	77.4	24.59	75.1	23.81	72.2	23.38	70.0	22.63	67.5	21.71	62.8	20.77
	-9.8	-11	79.1	23.75	76.0	23.00	72.2	22.57	70.0	21.82	67.5	20.96	62.8	20.04
	-9.5	-10	79.6	23.62	76.4	22.88	72.2	22.45	70.0	21.70	67.5	20.84	62.8	19.93
	-8.5	-9.1	80.6	23.20	76.9	22.48	72.2	22.04	70.0	21.30	67.5	20.46	62.8	19.56
	-7.0	-7.6	81.6	22.57	76.9	21.87	72.2	21.43	70.0	20.69	67.5	19.89	62.8	19.01
	-5.0	-5.6	81.6	21.72	76.9	21.06	72.2	20.61	70.0	19.89	67.5	19.13	62.8	18.28
	-3.0	-3.7	81.6	20.88	76.9	20.24	72.2	19.80	70.0	19.09	67.5	18.37	62.8	17.55
	0.0	-0.7	81.6	19.62	76.9	19.03	72.2	18.58	70.0	17.88	67.5	17.23	62.8	16.46
	3.0	2.2	81.6	18.36	76.9	17.82	72.2	17.34	70.0	16.67	67.5	16.09	62.8	15.37
	5.0	4.1	81.6	17.52	76.9	17.00	72.2	16.53	70.0	15.86	67.5	15.33	62.8	14.64
	7.0	6.0	81.6	16.68	76.9	16.19	72.2	15.71	70.0	15.06	67.5	14.56	62.8	13.91
9.0	7.9	81.6	15.66	76.9	15.21	72.2	14.76	70.0	14.14	67.5	13.68	62.8	13.06	
11.0	9.8	81.6	14.53	76.9	14.11	72.2	13.69	70.0	13.13	67.5	12.69	62.8	12.11	
13.0	11.8	81.6	13.56	76.9	13.17	72.2	12.78	70.0	12.25	67.5	11.85	62.8	11.31	
15.0	13.7	81.6	12.77	76.9	12.40	72.2	12.03	70.0	11.53	67.5	11.16	62.8	10.65	

7. Capacity Tables

Heating Capacity (28HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB													
			16		18		20		21		22		24			
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
70	-24.8	-25	51.3	23.75	51.3	24.07	51.0	24.72	51.0	25.69	51.0	24.48	51.0	24.48	50.8	23.35
	-21.8	-22	60.6	24.72	60.9	25.05	60.4	25.69	59.3	24.48	57.6	23.35	53.7	22.25		
	-19.8	-20	64.8	25.37	64.2	25.69	61.4	24.84	59.3	23.67	57.6	22.59	53.7	21.52		
	-18.8	-19	66.5	25.69	65.1	25.25	61.4	24.42	59.3	23.27	57.6	22.21	53.7	21.15		
	-16.7	-17	68.8	24.78	65.3	24.33	61.4	23.52	59.3	22.42	57.6	21.42	53.7	20.38		
	-13.7	-15	69.1	23.48	65.3	23.02	61.4	22.25	59.3	21.21	57.6	20.29	53.7	19.29		
	-11.8	-13	69.1	22.65	65.3	22.18	61.4	21.45	59.3	20.44	57.6	19.57	53.7	18.59		
	-9.8	-11	69.1	21.79	65.3	21.30	61.4	20.60	59.3	19.64	57.6	18.81	53.7	17.86		
	-9.5	-10	69.1	21.66	65.3	21.17	61.4	20.47	59.3	19.51	57.6	18.70	53.7	17.76		
	-8.5	-9.1	69.1	21.23	65.3	20.74	61.4	20.04	59.3	19.11	57.6	18.32	53.7	17.39		
	-7.0	-7.6	69.1	20.58	65.3	20.07	61.4	19.41	59.3	18.50	57.6	17.75	53.7	16.84		
	-5.0	-5.6	69.1	19.71	65.3	19.20	61.4	18.56	59.3	17.70	57.6	17.01	53.7	16.11		
	-3.0	-3.7	69.1	18.85	65.3	18.33	61.4	17.72	59.3	16.90	57.6	16.25	53.7	15.38		
	0.0	-0.7	69.1	17.55	65.3	17.01	61.4	16.44	59.3	15.68	57.6	15.11	53.7	14.28		
	3.0	2.2	69.1	16.26	65.3	15.69	61.4	15.17	59.3	14.48	57.6	13.98	53.7	13.19		
	5.0	4.1	69.1	15.39	65.3	14.81	61.4	14.32	59.3	13.66	57.6	13.23	53.7	12.46		
	7.0	6.0	69.1	14.52	65.3	13.94	61.4	13.47	59.3	12.86	57.6	12.48	53.7	11.73		
	9.0	7.9	69.1	13.11	65.3	12.59	61.4	12.16	59.3	11.61	57.6	11.26	53.7	10.59		
	11.0	9.8	69.1	12.21	65.3	11.71	61.4	11.33	59.3	10.81	57.6	10.49	53.7	9.86		
	13.0	11.8	69.1	11.43	65.3	10.96	61.4	10.60	59.3	10.11	57.6	9.81	53.7	9.23		
15.0	13.7	69.1	10.76	65.3	10.33	61.4	9.99	59.3	9.54	57.6	9.25	53.7	8.70			
60	-24.8	-25	50.7	23.11	50.7	23.75	50.4	24.72	49.6	23.48	48.9	22.30	46.0	21.20		
	-21.8	-22	55.8	24.07	56.2	24.72	52.7	23.48	50.9	22.30	49.2	21.20	46.0	20.13		
	-19.8	-20	59.3	24.72	56.2	23.84	52.7	22.65	50.9	21.52	49.2	20.46	46.0	19.41		
	-18.8	-19	59.3	24.28	56.2	23.40	52.7	22.23	50.9	21.13	49.2	20.09	46.0	19.06		
	-16.7	-17	59.3	23.35	56.2	22.48	52.7	21.35	50.9	20.31	49.2	19.32	46.0	18.32		
	-13.7	-15	59.3	22.02	56.2	21.16	52.7	20.10	50.9	19.14	49.2	18.22	46.0	17.24		
	-11.8	-13	59.3	21.18	56.2	20.32	52.7	19.31	50.9	18.39	49.2	17.52	46.0	16.56		
	-9.8	-11	59.3	20.30	56.2	19.45	52.7	18.48	50.9	17.62	49.2	16.78	46.0	15.85		
	-9.5	-10	59.3	20.17	56.2	19.32	52.7	18.36	50.9	17.50	49.2	16.67	46.0	15.74		
	-8.5	-9.1	59.3	19.73	56.2	18.88	52.7	17.95	50.9	17.11	49.2	16.31	46.0	15.39		
	-7.0	-7.6	59.3	19.07	56.2	18.22	52.7	17.32	50.9	16.53	49.2	15.75	46.0	14.85		
	-5.0	-5.6	59.3	18.19	56.2	17.34	52.7	16.49	50.9	15.74	49.2	15.02	46.0	14.14		
	-3.0	-3.7	59.3	17.30	56.2	16.46	52.7	15.66	50.9	14.96	49.2	14.28	46.0	13.42		
	0.0	-0.7	59.3	15.97	56.2	15.14	52.7	14.42	50.9	13.79	49.2	13.18	46.0	12.36		
	3.0	2.2	59.3	14.64	56.2	13.82	52.7	13.17	50.9	12.62	49.2	12.07	46.0	11.29		
	5.0	4.1	59.3	13.76	56.2	12.95	52.7	12.34	50.9	11.83	49.2	11.34	46.0	10.57		
	7.0	6.0	59.3	12.88	56.2	12.06	52.7	11.51	50.9	11.06	49.2	10.61	46.0	9.86		
	9.0	7.9	59.3	11.49	56.2	10.76	52.7	10.26	50.9	9.86	49.2	9.46	46.0	8.80		
	11.0	9.8	59.3	10.73	56.2	10.05	52.7	9.58	50.9	9.21	49.2	8.83	46.0	8.21		
	13.0	11.8	59.3	10.05	56.2	9.41	52.7	8.98	50.9	8.63	49.2	8.28	46.0	7.70		
15.0	13.7	59.3	9.50	56.2	8.90	52.7	8.48	50.9	8.15	49.2	7.83	46.0	7.28			
50	-24.8	-25	49.5	21.16	46.7	22.13	43.9	20.95	42.5	19.87	41.1	18.83	38.3	17.86		
	-21.8	-22	49.5	22.13	46.7	20.95	43.9	19.87	42.5	18.83	41.1	17.86	38.3	16.94		
	-19.8	-20	49.5	21.32	46.7	20.18	43.9	19.14	42.5	18.14	41.1	17.23	38.3	16.33		
	-18.8	-19	49.5	20.90	46.7	19.79	43.9	18.77	42.5	17.80	41.1	16.90	38.3	16.02		
	-16.7	-17	49.5	20.05	46.7	18.96	43.9	18.01	42.5	17.07	41.1	16.23	38.3	15.37		
	-13.7	-15	49.5	18.83	46.7	17.80	43.9	16.91	42.5	16.04	41.1	15.27	38.3	14.44		
	-11.8	-13	49.5	18.05	46.7	17.06	43.9	16.22	42.5	15.38	41.1	14.66	38.3	13.85		
	-9.8	-11	49.5	17.24	46.7	16.28	43.9	15.49	42.5	14.70	41.1	14.02	38.3	13.24		
	-9.5	-10	49.5	17.12	46.7	16.16	43.9	15.38	42.5	14.59	41.1	13.92	38.3	13.15		
	-8.5	-9.1	49.5	16.71	46.7	15.77	43.9	15.02	42.5	14.25	41.1	13.60	38.3	12.83		
	-7.0	-7.6	49.5	16.10	46.7	15.19	43.9	14.47	42.5	13.73	41.1	13.12	38.3	12.37		
	-5.0	-5.6	49.5	15.29	46.7	14.40	43.9	13.74	42.5	13.04	41.1	12.48	38.3	11.75		
	-3.0	-3.7	49.5	14.46	46.7	13.63	43.9	13.01	42.5	12.35	41.1	11.84	38.3	11.14		
	0.0	-0.7	49.5	13.25	46.7	12.45	43.9	11.92	42.5	11.31	41.1	10.87	38.3	10.20		
	3.0	2.2	49.5	12.02	46.7	11.29	43.9	10.82	42.5	10.29	41.1	9.91	38.3	9.28		
	5.0	4.1	49.5	11.21	46.7	10.51	43.9	10.09	42.5	9.59	41.1	9.26	38.3	8.67		
	7.0	6.0	49.5	10.39	46.7	9.73	43.9	9.38	42.5	8.90	41.1	8.63	38.3	8.05		
	9.0	7.9	49.5	9.38	46.7	8.78	43.9	8.46	42.5	8.04	41.1	7.79	38.3	7.26		
	11.0	9.8	49.5	8.78	46.7	8.22	43.9	7.91	42.5	7.53	41.1	7.29	38.3	6.80		
	13.0	11.8	49.5	8.24	46.7	7.72	43.9	7.43	42.5	7.06	41.1	6.85	38.3	6.38		
15.0	13.7	49.5	7.80	46.7	7.30	43.9	7.03	42.5	6.68	41.1	6.48	38.3	6.04			

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM300BTE5

Heating Capacity (30HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	61.2	28.64	61.2	28.97	60.8	29.25	60.8	29.68	60.8	30.09	60.0	30.74
	-21.8	-22	72.6	29.29	72.6	29.61	72.1	29.89	72.1	30.33	72.1	30.74	71.2	31.39
	-19.8	-20	75.7	29.72	75.7	30.04	75.2	30.33	75.2	30.76	75.2	31.18	74.2	31.82
	-18.8	-19	77.3	29.94	77.3	30.26	76.8	30.55	76.8	30.98	76.8	31.39	75.8	32.04
	-16.7	-17	80.7	30.40	80.7	30.72	80.1	31.00	80.1	31.44	80.1	31.84	79.0	32.50
	-13.7	-15	85.5	31.04	85.5	31.36	84.9	31.65	84.9	32.08	84.9	32.50	83.8	31.08
	-11.8	-13	88.2	31.45	88.2	31.78	87.7	32.07	87.7	32.50	87.7	31.53	86.7	30.18
	-9.8	-11	91.2	31.89	91.2	32.21	90.6	32.50	90.6	31.45	90.6	30.51	89.6	29.23
	-9.5	-10	91.7	31.95	91.7	32.28	91.2	32.33	91.2	31.28	91.0	30.35	90.1	29.10
	-8.5	-9.1	93.7	32.17	93.7	32.50	93.2	31.78	93.2	30.76	92.5	29.85	91.5	28.62
	-7.0	-7.6	96.7	32.50	96.7	31.67	96.1	30.96	96.1	29.97	96.1	29.08	94.4	27.91
	-5.0	-5.6	100.7	31.40	100.7	30.58	100.0	29.87	100.0	28.93	100.0	28.07	97.4	26.96
	-3.0	-3.7	104.6	30.30	104.6	29.48	103.9	28.78	103.9	27.88	103.9	27.04	100.6	26.02
	0.0	-0.7	110.4	28.65	110.4	27.84	109.8	27.14	109.8	26.30	109.8	25.52	105.0	24.60
	3.0	2.2	116.4	27.00	116.4	26.19	115.6	25.50	115.6	24.73	114.1	23.99	106.7	23.19
	5.0	4.1	119.8	25.90	119.8	25.10	119.2	24.40	118.0	23.68	114.6	22.98	106.7	22.24
	7.0	6.0	122.0	24.81	122.0	24.00	121.3	23.31	118.7	22.63	114.6	21.95	106.7	21.29
9.0	7.9	122.2	23.88	122.2	23.10	121.8	22.44	118.7	21.78	114.6	21.13	106.7	20.50	
11.0	9.8	122.2	23.15	122.2	22.40	121.8	21.75	118.7	21.12	114.6	20.49	106.7	19.87	
13.0	11.8	122.2	22.38	122.2	21.66	121.8	21.03	118.7	20.41	114.6	19.81	106.7	19.21	
15.0	13.7	122.2	21.55	122.2	20.87	121.8	20.26	118.7	19.66	114.6	19.08	106.7	18.51	
120	-24.8	-25	60.8	28.97	60.8	29.25	60.4	29.68	60.4	30.09	60.4	30.74	59.6	31.19
	-21.8	-22	72.1	29.61	72.1	29.89	71.6	30.33	71.6	30.74	71.6	31.39	70.7	31.84
	-19.8	-20	75.1	30.04	75.1	30.33	74.6	30.76	74.6	31.18	74.6	31.82	73.7	32.28
	-18.8	-19	76.7	30.26	76.7	30.55	76.2	30.98	76.2	31.39	76.2	32.04	75.3	32.50
	-16.7	-17	80.1	30.72	80.1	31.00	79.6	31.44	79.6	31.84	79.6	32.50	78.5	31.58
	-13.7	-15	84.8	31.36	84.8	31.65	84.3	32.08	84.3	32.50	84.3	31.13	83.2	30.28
	-11.8	-13	87.6	31.78	87.6	32.07	87.0	32.50	87.0	31.52	87.0	30.26	86.1	29.45
	-9.8	-11	90.5	32.21	90.5	32.50	90.0	31.41	90.0	30.50	90.0	29.35	89.0	28.59
	-9.5	-10	91.1	32.28	91.1	32.32	90.6	31.25	90.6	30.34	90.6	29.20	89.6	28.46
	-8.5	-9.1	93.1	32.50	93.1	31.74	92.5	30.71	92.5	29.83	92.3	28.76	91.3	28.02
	-7.0	-7.6	96.0	31.61	96.0	30.87	95.4	29.90	95.4	29.06	94.8	28.06	93.7	27.37
	-5.0	-5.6	99.9	30.44	99.9	29.71	99.3	28.81	99.3	28.04	99.3	27.15	96.8	26.50
	-3.0	-3.7	103.9	29.26	103.9	28.56	103.2	27.73	103.2	27.01	103.2	26.24	99.4	25.63
	0.0	-0.7	109.7	27.51	109.7	26.82	109.0	26.10	109.0	25.47	107.8	24.87	100.2	24.33
	3.0	2.2	115.6	25.74	115.6	25.08	113.9	24.48	111.3	23.94	107.8	23.50	100.2	23.03
	5.0	4.1	118.9	24.56	118.4	23.91	115.2	23.39	111.3	22.91	107.8	22.59	100.2	22.15
	7.0	6.0	121.0	23.39	119.9	22.76	115.2	22.31	111.3	21.88	107.8	21.68	100.2	21.29
9.0	7.9	121.2	22.48	119.9	21.87	115.2	21.44	111.3	21.03	107.8	20.83	100.2	20.46	
11.0	9.8	121.2	21.76	119.9	21.17	115.2	20.75	111.3	20.35	107.8	20.16	100.2	19.80	
13.0	11.8	121.2	20.98	119.9	20.41	115.2	20.01	111.3	19.63	107.8	19.45	100.2	19.10	
15.0	13.7	121.2	20.17	119.9	19.62	115.2	19.24	111.3	18.87	107.8	18.69	100.2	18.36	
110	-24.8	-25	60.4	29.25	60.4	29.68	60.1	30.09	60.1	30.74	60.1	31.19	59.3	31.41
	-21.8	-22	71.8	29.89	71.8	30.33	71.3	30.74	71.3	31.39	71.3	31.84	70.4	32.07
	-19.8	-20	74.7	30.33	74.7	30.76	74.3	31.18	74.3	31.82	74.3	32.28	73.2	32.50
	-18.8	-19	76.3	30.55	76.3	30.98	75.8	31.39	75.8	32.04	75.8	32.50	74.8	32.03
	-16.7	-17	79.6	31.00	79.6	31.44	79.1	31.84	79.1	32.50	79.1	31.52	78.0	31.03
	-13.7	-15	84.4	31.65	84.4	32.08	83.8	32.50	83.8	31.01	83.8	30.13	83.8	29.62
	-11.8	-13	87.2	32.07	87.2	32.50	86.5	31.44	86.5	30.08	86.5	29.25	86.5	28.73
	-9.8	-11	90.0	32.50	90.0	31.31	89.5	30.34	89.5	29.09	89.5	28.32	88.8	27.79
	-9.5	-10	90.6	32.30	90.6	31.13	90.1	30.18	90.1	28.94	90.1	28.19	89.9	27.66
	-8.5	-9.1	92.6	31.66	92.6	30.53	92.0	29.62	92.0	28.45	92.0	27.72	90.2	27.19
	-7.0	-7.6	95.5	30.68	95.5	29.63	94.9	28.79	94.9	27.71	94.9	27.02	90.2	26.48
	-5.0	-5.6	99.4	29.39	99.4	28.44	98.7	27.68	98.7	26.72	96.5	26.10	90.2	25.54
	-3.0	-3.7	103.2	28.10	103.2	27.25	102.5	26.58	100.0	25.74	96.5	25.17	90.2	24.60
	0.0	-0.7	109.1	26.15	108.7	25.46	103.3	24.92	100.0	24.25	96.5	23.78	90.2	23.19
	3.0	2.2	114.5	24.21	110.1	23.68	103.3	23.26	100.0	22.77	96.5	22.39	90.2	21.77
	5.0	4.1	116.5	22.91	110.1	22.48	103.3	22.16	100.0	21.79	96.5	21.46	90.2	20.84
	7.0	6.0	116.5	21.62	110.1	21.29	103.3	21.05	100.0	20.80	96.5	20.53	90.2	19.90
9.0	7.9	116.5	20.69	110.1	20.38	103.3	20.15	100.0	19.91	96.5	19.65	90.2	19.05	
11.0	9.8	116.5	19.93	110.1	19.63	103.3	19.41	100.0	19.18	96.5	18.93	90.2	18.34	
13.0	11.8	116.5	19.12	110.1	18.84	103.3	18.63	100.0	18.40	96.5	18.17	90.2	17.60	
15.0	13.7	116.5	18.28	110.1	18.00	103.3	17.80	100.0	17.58	96.5	17.35	90.2	16.82	

7. Capacity Tables

Heating Capacity (30HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	60.1	31.42	60.1	31.56	59.8	30.34	59.8	31.92	59.8	32.07	59.0	32.14
	-21.8	-22	71.4	31.64	71.4	31.78	71.0	31.29	71.0	32.13	71.0	32.58	70.0	32.35
	-19.8	-20	74.4	31.78	74.4	31.92	73.9	31.91	73.9	32.28	73.9	32.53	73.0	32.50
	-18.8	-19	76.0	31.85	75.5	31.99	75.5	32.13	75.5	32.34	75.5	32.50	74.5	31.94
	-16.7	-17	78.8	32.00	78.8	32.14	78.8	32.58	78.4	32.50	78.4	31.33	77.3	30.76
	-13.7	-15	84.0	32.21	84.0	32.36	83.5	32.50	83.5	30.79	83.5	29.68	82.4	29.09
	-11.8	-13	86.7	32.35	86.2	32.50	86.2	31.34	86.2	29.72	86.2	28.62	82.4	28.03
	-9.8	-11	89.5	32.50	89.5	31.19	89.2	30.13	89.2	28.58	88.5	27.52	82.4	26.91
	-9.5	-10	90.1	32.28	90.1	31.00	89.7	29.94	89.7	28.41	88.5	27.36	82.4	26.75
	-8.5	-9.1	92.1	31.60	92.1	30.35	91.6	29.33	91.5	27.85	88.5	26.80	82.4	26.19
	-7.0	-7.6	96.5	30.57	96.2	29.38	94.5	28.42	91.5	27.00	88.5	25.97	82.4	25.35
	-5.0	-5.6	100.8	29.20	99.8	28.07	94.5	27.21	91.5	25.86	88.5	24.86	82.4	24.24
	-3.0	-3.7	103.7	27.81	100.5	26.78	94.5	25.99	91.5	24.72	88.5	23.76	82.4	23.12
	0.0	-0.7	106.6	25.75	100.5	24.82	94.5	24.18	91.5	23.03	88.5	22.11	82.4	21.44
	3.0	2.2	106.6	23.69	100.5	22.87	94.5	22.35	91.5	21.33	88.5	20.44	82.4	19.77
	5.0	4.1	106.6	22.31	100.5	21.57	94.5	21.13	91.5	20.19	88.5	19.34	82.4	18.65
	7.0	6.0	106.6	20.93	100.5	20.27	94.5	19.92	91.5	19.06	88.5	18.23	82.4	17.53
	9.0	7.9	106.6	19.73	100.5	19.12	94.5	18.78	91.5	17.97	88.5	17.19	82.4	16.53
	11.0	9.8	106.6	18.69	100.5	18.10	94.5	17.79	91.5	17.02	88.5	16.28	82.4	15.66
	13.0	11.8	106.6	17.58	100.5	17.04	94.5	16.74	91.5	16.01	88.5	15.32	82.4	14.73
15.0	13.7	106.6	16.44	100.5	15.92	94.5	15.64	91.5	14.96	88.5	14.32	82.4	13.77	
90	-24.8	-25	59.9	28.49	59.9	29.14	59.6	29.59	59.6	29.81	59.6	30.25	58.8	30.89
	-21.8	-22	71.1	29.14	71.1	29.79	70.7	30.25	70.7	30.46	70.7	30.89	69.7	29.49
	-19.8	-20	74.1	29.57	74.1	30.22	73.6	30.68	73.6	30.89	73.6	29.92	72.7	28.54
	-18.8	-19	76.0	29.79	75.5	30.43	75.2	30.89	75.2	30.39	75.2	29.43	74.2	28.07
	-16.7	-17	78.8	30.25	78.8	30.89	78.4	29.85	78.4	29.33	78.4	28.42	75.3	27.08
	-13.7	-15	84.0	30.89	84.0	29.33	83.2	28.35	83.2	27.83	81.1	26.96	75.3	25.68
	-11.8	-13	86.7	29.81	86.2	28.34	85.9	27.41	83.8	26.87	81.1	26.04	75.3	24.78
	-9.8	-11	89.5	28.68	89.5	27.30	86.5	26.41	83.8	25.86	81.1	25.06	75.3	23.84
	-9.5	-10	90.1	28.51	90.1	27.14	86.5	26.26	83.8	25.72	81.1	24.92	75.3	23.70
	-8.5	-9.1	92.1	27.93	91.4	26.61	86.5	25.76	83.8	25.21	81.1	24.43	75.3	23.23
	-7.0	-7.6	96.5	27.09	91.8	25.83	86.5	25.01	83.8	24.46	81.1	23.71	75.3	22.52
	-5.0	-5.6	97.6	25.95	91.8	24.79	86.5	24.01	83.8	23.46	81.1	22.73	75.3	21.58
	-3.0	-3.7	97.6	24.81	91.8	23.75	86.5	23.02	83.8	22.45	81.1	21.76	75.3	20.65
	0.0	-0.7	97.6	23.11	91.8	22.19	86.5	21.53	83.8	20.94	81.1	20.30	75.3	19.23
	3.0	2.2	97.6	21.40	91.8	20.62	86.5	20.04	83.8	19.44	81.1	18.85	75.3	17.83
	5.0	4.1	97.6	20.26	91.8	19.58	86.5	19.04	83.8	18.43	81.1	17.88	75.3	16.88
	7.0	6.0	97.6	19.13	91.8	18.53	86.5	18.04	83.8	17.43	81.1	16.91	75.3	15.94
	9.0	7.9	97.6	18.07	91.8	17.52	86.5	17.04	83.8	16.47	81.1	15.98	75.3	15.06
	11.0	9.8	97.6	17.02	91.8	16.50	86.5	16.05	83.8	15.51	81.1	15.04	75.3	14.18
	13.0	11.8	97.6	15.96	91.8	15.47	86.5	15.05	83.8	14.53	81.1	14.11	75.3	13.30
15.0	13.7	97.6	14.90	91.8	14.45	86.5	14.05	83.8	13.57	81.1	13.17	75.3	12.42	
80	-24.8	-25	59.6	24.99	59.6	25.64	59.3	26.09	59.3	26.32	59.3	27.39	58.5	26.15
	-21.8	-22	70.4	25.64	70.4	26.29	70.4	26.75	70.4	27.39	70.4	26.15	67.3	24.97
	-19.8	-20	73.3	26.07	73.3	26.72	73.3	27.39	73.3	26.51	72.1	25.32	67.3	24.18
	-18.8	-19	74.9	26.29	74.9	27.39	74.9	26.94	74.4	26.07	72.3	24.91	67.3	23.78
	-16.7	-17	77.3	27.39	77.3	26.45	77.3	26.00	75.0	25.15	72.3	24.04	67.3	22.95
	-13.7	-15	80.8	25.99	79.3	25.10	77.3	24.66	75.0	23.82	72.3	22.80	67.3	21.76
	-11.8	-13	83.3	25.10	80.8	24.25	77.3	23.79	75.0	22.99	72.3	22.01	67.3	21.01
	-9.8	-11	85.5	24.16	81.8	23.35	77.3	22.90	75.0	22.11	72.3	21.19	67.3	20.22
	-9.5	-10	86.0	24.02	82.2	23.22	77.3	22.76	75.0	21.98	72.3	21.06	67.3	20.11
	-8.5	-9.1	86.8	23.55	82.4	22.77	77.3	22.31	75.0	21.54	72.3	20.65	67.3	19.71
	-7.0	-7.6	87.4	22.85	82.4	22.10	77.3	21.64	75.0	20.88	72.3	20.02	67.3	19.12
	-5.0	-5.6	87.4	21.91	82.4	21.21	77.3	20.74	75.0	20.00	72.3	19.20	67.3	18.32
	-3.0	-3.7	87.4	20.97	82.4	20.30	77.3	19.85	75.0	19.12	72.3	18.37	67.3	17.53
	0.0	-0.7	87.4	19.57	82.4	18.96	77.3	18.50	75.0	17.79	72.3	17.13	67.3	16.35
	3.0	2.2	87.4	18.17	82.4	17.62	77.3	17.14	75.0	16.47	72.3	15.89	67.3	15.17
	5.0	4.1	87.4	17.23	82.4	16.71	77.3	16.25	75.0	15.59	72.3	15.06	67.3	14.38
	7.0	6.0	87.4	16.30	82.4	15.82	77.3	15.35	75.0	14.71	72.3	14.23	67.3	13.59
	9.0	7.9	87.4	15.30	82.4	14.86	77.3	14.42	75.0	13.81	72.3	13.36	67.3	12.76
	11.0	9.8	87.4	14.20	82.4	13.78	77.3	13.37	75.0	12.83	72.3	12.40	67.3	11.84
	13.0	11.8	87.4	13.25	82.4	12.86	77.3	12.49	75.0	11.97	72.3	11.58	67.3	11.05
15.0	13.7	87.4	12.47	82.4	12.12	77.3	11.76	75.0	11.27	72.3	10.90	67.3	10.41	

7. Capacity Tables

Heating Capacity (30HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	59.6	25.30	59.6	25.52	59.3	25.95	59.3	26.60	59.3	25.28	57.5	24.05
	-21.8	-22	66.3	25.95	66.3	26.17	65.8	26.60	63.6	25.28	61.7	24.05	57.5	22.85
	-19.8	-20	70.6	26.39	70.0	26.60	65.8	25.67	63.6	24.40	61.7	23.22	57.5	22.06
	-18.8	-19	72.6	26.60	70.0	26.12	65.8	25.20	63.6	23.96	61.7	22.81	57.5	21.67
	-16.7	-17	74.1	25.60	70.0	25.10	65.8	24.22	63.6	23.02	61.7	21.95	57.5	20.84
	-13.7	-15	74.1	24.14	70.0	23.65	65.8	22.82	63.6	21.70	61.7	20.71	57.5	19.65
	-11.8	-13	74.1	23.23	70.0	22.73	65.8	21.94	63.6	20.86	61.7	19.92	57.5	18.89
	-9.8	-11	74.1	22.27	70.0	21.75	65.8	21.00	63.6	19.98	61.7	19.10	57.5	18.10
	-9.5	-10	74.1	22.13	70.0	21.61	65.8	20.86	63.6	19.84	61.7	18.98	57.5	17.99
	-8.5	-9.1	74.1	21.65	70.0	21.13	65.8	20.39	63.6	19.40	61.7	18.56	57.5	17.59
	-7.0	-7.6	74.1	20.92	70.0	20.40	65.8	19.69	63.6	18.74	61.7	17.94	57.5	17.00
	-5.0	-5.6	74.1	19.96	70.0	19.43	65.8	18.76	63.6	17.86	61.7	17.13	57.5	16.21
	-3.0	-3.7	74.1	19.00	70.0	18.47	65.8	17.83	63.6	16.98	61.7	16.30	57.5	15.42
	0.0	-0.7	74.1	17.56	70.0	17.01	65.8	16.43	63.6	15.65	61.7	15.06	57.5	14.22
	3.0	2.2	74.1	16.11	70.0	15.56	65.8	15.03	63.6	14.33	61.7	13.83	57.5	13.04
	5.0	4.1	74.1	15.15	70.0	14.58	65.8	14.09	63.6	13.44	61.7	13.01	57.5	12.25
	7.0	6.0	74.1	14.18	70.0	13.62	65.8	13.16	63.6	12.56	61.7	12.19	57.5	11.46
	9.0	7.9	74.1	12.81	70.0	12.30	65.8	11.88	63.6	11.34	61.7	11.00	57.5	10.34
	11.0	9.8	74.1	11.93	70.0	11.44	65.8	11.07	63.6	10.56	61.7	10.24	57.5	9.63
	13.0	11.8	74.1	11.16	70.0	10.71	65.8	10.36	63.6	9.88	61.7	9.58	57.5	9.01
15.0	13.7	74.1	10.52	70.0	10.10	65.8	9.76	63.6	9.32	61.7	9.04	57.5	8.50	
60	-24.8	-25	56.8	24.87	56.8	25.30	56.5	25.95	54.5	24.57	52.7	23.27	49.3	22.05
	-21.8	-22	60.8	25.52	60.2	25.95	56.5	24.57	54.5	23.27	52.7	22.05	49.3	20.87
	-19.8	-20	63.6	25.95	60.2	24.97	56.5	23.64	54.5	22.40	52.7	21.23	49.3	20.09
	-18.8	-19	63.6	25.45	60.2	24.48	56.5	23.17	54.5	21.97	52.7	20.83	49.3	19.71
	-16.7	-17	63.6	24.41	60.2	23.44	56.5	22.20	54.5	21.06	52.7	19.97	49.3	18.89
	-13.7	-15	63.6	22.91	60.2	21.97	56.5	20.81	54.5	19.76	52.7	18.76	49.3	17.71
	-11.8	-13	63.6	21.96	60.2	21.03	56.5	19.93	54.5	18.93	52.7	17.99	49.3	16.97
	-9.8	-11	63.6	20.96	60.2	20.05	56.5	19.01	54.5	18.07	52.7	17.18	49.3	16.19
	-9.5	-10	63.6	20.82	60.2	19.91	56.5	18.87	54.5	17.94	52.7	17.05	49.3	16.07
	-8.5	-9.1	63.6	20.32	60.2	19.41	56.5	18.41	54.5	17.51	52.7	16.65	49.3	15.69
	-7.0	-7.6	63.6	19.57	60.2	18.68	56.5	17.71	54.5	16.86	52.7	16.04	49.3	15.10
	-5.0	-5.6	63.6	18.57	60.2	17.69	56.5	16.79	54.5	15.99	52.7	15.23	49.3	14.32
	-3.0	-3.7	63.6	17.57	60.2	16.70	56.5	15.86	54.5	15.13	52.7	14.42	49.3	13.53
	0.0	-0.7	63.6	16.08	60.2	15.23	56.5	14.48	54.5	13.83	52.7	13.20	49.3	12.36
	3.0	2.2	63.6	14.58	60.2	13.75	56.5	13.09	54.5	12.53	52.7	11.98	49.3	11.20
	5.0	4.1	63.6	13.58	60.2	12.77	56.5	12.16	54.5	11.66	52.7	11.17	49.3	10.41
	7.0	6.0	63.6	12.59	60.2	11.78	56.5	11.24	54.5	10.80	52.7	10.36	49.3	9.63
	9.0	7.9	63.6	11.22	60.2	10.51	56.5	10.02	54.5	9.63	52.7	9.24	49.3	8.60
	11.0	9.8	63.6	10.48	60.2	9.82	56.5	9.36	54.5	9.00	52.7	8.63	49.3	8.02
	13.0	11.8	63.6	9.82	60.2	9.20	56.5	8.77	54.5	8.43	52.7	8.09	49.3	7.52
15.0	13.7	63.6	9.28	60.2	8.70	56.5	8.29	54.5	7.97	52.7	7.65	49.3	7.11	
50	-24.8	-25	53.0	22.09	50.0	22.74	47.0	21.49	45.5	20.33	44.0	19.23	41.0	18.21
	-21.8	-22	53.0	22.74	50.0	21.49	47.0	20.33	45.5	19.23	44.0	18.21	41.0	17.23
	-19.8	-20	53.0	21.87	50.0	20.66	47.0	19.56	45.5	18.50	44.0	17.53	41.0	16.59
	-18.8	-19	53.0	21.42	50.0	20.25	47.0	19.17	45.5	18.13	44.0	17.19	41.0	16.26
	-16.7	-17	53.0	20.51	50.0	19.36	47.0	18.35	45.5	17.36	44.0	16.48	41.0	15.57
	-13.7	-15	53.0	19.20	50.0	18.12	47.0	17.18	45.5	16.27	44.0	15.46	41.0	14.60
	-11.8	-13	53.0	18.37	50.0	17.33	47.0	16.45	45.5	15.57	44.0	14.82	41.0	13.98
	-9.8	-11	53.0	17.50	50.0	16.50	47.0	15.67	45.5	14.85	44.0	14.13	41.0	13.33
	-9.5	-10	53.0	17.36	50.0	16.37	47.0	15.55	45.5	14.73	44.0	14.04	41.0	13.24
	-8.5	-9.1	53.0	16.93	50.0	15.95	47.0	15.17	45.5	14.37	44.0	13.69	41.0	12.90
	-7.0	-7.6	53.0	16.27	50.0	15.33	47.0	14.59	45.5	13.82	44.0	13.19	41.0	12.42
	-5.0	-5.6	53.0	15.40	50.0	14.50	47.0	13.81	45.5	13.09	44.0	12.50	41.0	11.77
	-3.0	-3.7	53.0	14.52	50.0	13.67	47.0	13.03	45.5	12.35	44.0	11.83	41.0	11.12
	0.0	-0.7	53.0	13.21	50.0	12.41	47.0	11.87	45.5	11.25	44.0	10.80	41.0	10.14
	3.0	2.2	53.0	11.90	50.0	11.17	47.0	10.70	45.5	10.16	44.0	9.79	41.0	9.16
	5.0	4.1	53.0	11.03	50.0	10.33	47.0	9.93	45.5	9.43	44.0	9.10	41.0	8.51
	7.0	6.0	53.0	10.15	50.0	9.51	47.0	9.16	45.5	8.70	44.0	8.43	41.0	7.87
	9.0	7.9	53.0	9.17	50.0	8.58	47.0	8.26	45.5	7.85	44.0	7.61	41.0	7.10
	11.0	9.8	53.0	8.58	50.0	8.04	47.0	7.73	45.5	7.35	44.0	7.12	41.0	6.65
	13.0	11.8	53.0	8.05	50.0	7.55	47.0	7.26	45.5	6.90	44.0	6.69	41.0	6.24
15.0	13.7	53.0	7.62	50.0	7.14	47.0	6.87	45.5	6.53	44.0	6.33	41.0	5.90	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM320BTE5

Heating Capacity (32HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	63.4	30.93	63.4	31.20	63.0	31.44	63.0	31.80	63.0	32.15	62.2	32.69
	-21.8	-22	76.4	31.47	76.4	31.75	75.9	31.98	75.9	32.35	75.9	32.69	74.9	33.25
	-19.8	-20	80.3	31.84	80.3	32.11	79.7	32.35	79.7	32.72	79.7	33.07	78.7	33.61
	-18.8	-19	82.0	32.02	82.0	32.29	81.5	32.54	81.5	32.90	81.5	33.25	80.4	33.80
	-16.7	-17	85.8	32.41	85.8	32.68	85.3	32.91	85.3	33.29	85.3	33.63	84.1	34.18
	-13.7	-15	91.2	32.95	91.2	33.23	90.7	33.47	90.7	33.83	90.7	34.18	89.4	32.80
	-11.8	-13	94.2	33.30	94.2	33.58	93.6	33.82	93.6	34.18	93.6	33.25	92.7	31.92
	-9.8	-11	97.3	33.67	97.3	33.94	96.7	34.18	96.7	33.18	96.7	32.26	95.9	31.00
	-9.5	-10	97.9	33.72	97.9	34.00	97.3	34.02	97.3	33.02	97.2	32.11	96.4	30.87
	-8.5	-9.1	100.0	33.91	100.0	34.18	99.4	33.51	99.4	32.52	98.7	31.62	98.1	30.40
	-7.0	-7.6	103.2	34.18	103.2	33.41	102.5	32.73	102.5	31.76	102.5	30.87	101.2	29.71
	-5.0	-5.6	107.3	33.17	107.3	32.38	106.6	31.68	106.6	30.76	106.6	29.89	104.6	28.78
	-3.0	-3.7	111.5	32.16	111.5	31.35	110.8	30.65	110.8	29.75	110.8	28.90	108.1	27.86
	0.0	-0.7	117.6	30.63	117.6	29.81	117.0	29.09	117.0	28.23	117.0	27.43	113.1	26.48
	3.0	2.2	123.9	29.11	123.9	28.26	123.1	27.53	123.1	26.72	121.6	25.94	113.8	25.10
	5.0	4.1	127.6	28.10	127.6	27.23	126.9	26.49	126.9	25.71	122.2	24.96	113.8	24.17
	7.0	6.0	129.9	27.08	129.9	26.21	129.2	25.45	126.7	24.71	122.2	23.97	113.8	23.25
	9.0	7.9	130.3	26.24	130.3	25.39	129.9	24.65	126.7	23.93	122.2	23.22	113.8	22.52
	11.0	9.8	130.3	25.61	130.3	24.79	129.9	24.07	126.7	23.36	122.2	22.67	113.8	21.99
	13.0	11.8	130.3	24.95	130.3	24.15	129.9	23.45	126.7	22.76	122.2	22.09	113.8	21.42
15.0	13.7	130.3	24.24	130.3	23.46	129.9	22.78	126.7	22.11	122.2	21.46	113.8	20.81	
120	-24.8	-25	63.0	31.20	63.0	31.44	62.5	31.80	62.5	32.15	62.5	32.69	61.7	33.08
	-21.8	-22	75.9	31.75	75.9	31.98	75.4	32.35	75.4	32.69	75.4	33.25	74.4	33.63
	-19.8	-20	79.7	32.11	79.7	32.35	79.2	32.72	79.2	33.07	79.2	33.61	78.1	34.00
	-18.8	-19	81.5	32.29	81.5	32.54	81.0	32.90	81.0	33.25	81.0	33.80	79.9	34.18
	-16.7	-17	85.3	32.68	85.3	32.91	84.7	33.29	84.7	33.63	84.7	34.18	83.5	33.29
	-13.7	-15	90.5	33.23	90.5	33.47	90.0	33.83	90.0	34.18	90.0	32.86	88.8	32.02
	-11.8	-13	93.5	33.58	93.5	33.82	92.9	34.18	92.9	33.23	92.9	32.01	92.0	31.21
	-9.8	-11	96.6	33.94	96.6	34.18	96.0	33.14	96.0	32.25	96.0	31.13	95.3	30.37
	-9.5	-10	97.3	34.00	97.3	34.02	96.7	32.98	96.7	32.10	96.7	30.98	95.9	30.24
	-8.5	-9.1	99.3	34.18	99.3	33.46	98.7	32.46	98.7	31.59	98.7	30.55	97.8	29.82
	-7.0	-7.6	102.4	33.35	102.4	32.62	101.8	31.68	101.8	30.85	101.6	29.87	100.4	29.18
	-5.0	-5.6	106.6	32.24	106.6	31.52	105.8	30.63	105.8	29.86	105.8	28.99	104.0	28.33
	-3.0	-3.7	110.7	31.11	110.7	30.41	110.0	29.59	110.0	28.87	110.0	28.10	106.9	27.49
	0.0	-0.7	116.8	29.45	116.8	28.74	116.1	28.01	116.1	27.37	114.9	26.77	106.9	26.21
	3.0	2.2	123.1	27.77	123.1	27.07	121.4	26.45	118.7	25.88	115.0	25.44	106.9	24.94
	5.0	4.1	126.6	26.65	126.1	25.96	122.9	25.40	118.7	24.89	115.0	24.55	106.9	24.09
	7.0	6.0	129.0	25.54	127.9	24.85	122.9	24.36	118.7	23.89	115.0	23.67	106.9	23.25
	9.0	7.9	129.3	24.69	127.9	24.02	122.9	23.55	118.7	23.10	115.0	22.88	106.9	22.47
	11.0	9.8	129.3	24.05	127.9	23.40	122.9	22.94	118.7	22.50	115.0	22.28	106.9	21.89
	13.0	11.8	129.3	23.37	127.9	22.73	122.9	22.28	118.7	21.86	115.0	21.66	106.9	21.27
15.0	13.7	129.3	22.64	127.9	22.03	122.9	21.60	118.7	21.18	115.0	20.98	106.9	20.61	
110	-24.8	-25	62.6	31.44	62.6	31.80	62.2	32.15	62.2	32.69	62.2	33.08	61.4	33.26
	-21.8	-22	75.5	31.98	75.5	32.35	75.0	32.69	75.0	33.25	75.0	33.63	74.0	33.82
	-19.8	-20	79.2	32.35	79.2	32.72	78.8	33.07	78.8	33.61	78.8	34.00	77.6	34.18
	-18.8	-19	81.0	32.54	81.0	32.90	80.5	33.25	80.5	33.80	80.5	34.18	79.4	33.72
	-16.7	-17	84.8	32.91	84.8	33.29	84.2	33.63	84.2	34.18	84.2	33.23	83.0	32.74
	-13.7	-15	90.1	33.47	90.1	33.83	89.4	34.18	89.4	32.73	89.4	31.85	89.4	31.34
	-11.8	-13	93.0	33.82	93.0	34.18	92.4	33.15	92.4	31.81	92.4	30.99	92.4	30.46
	-9.8	-11	96.1	34.18	96.1	33.02	95.5	32.07	95.5	30.84	95.5	30.08	95.1	29.53
	-9.5	-10	96.7	33.99	96.7	32.85	96.2	31.91	96.2	30.69	96.2	29.95	95.9	29.40
	-8.5	-9.1	98.8	33.37	98.8	32.27	98.1	31.37	98.1	30.21	98.1	29.49	96.2	28.93
	-7.0	-7.6	101.9	32.42	101.9	31.39	101.3	30.56	101.3	29.49	101.3	28.80	96.2	28.23
	-5.0	-5.6	106.0	31.16	106.0	30.23	105.3	29.47	105.3	28.52	103.0	27.89	96.2	27.30
	-3.0	-3.7	110.0	29.90	110.0	29.06	109.2	28.39	106.6	27.55	103.0	26.98	96.2	26.38
	0.0	-0.7	116.2	28.01	115.8	27.32	110.2	26.77	106.6	26.10	103.0	25.61	96.2	24.98
	3.0	2.2	121.9	26.12	117.4	25.57	110.2	25.15	106.6	24.65	103.0	24.25	96.2	23.58
	5.0	4.1	124.3	24.86	117.4	24.41	110.2	24.07	106.6	23.68	103.0	23.33	96.2	22.65
	7.0	6.0	124.3	23.61	117.4	23.25	110.2	22.99	106.6	22.71	103.0	22.42	96.2	21.73
	9.0	7.9	124.3	22.72	117.4	22.38	110.2	22.13	106.6	21.86	103.0	21.58	96.2	20.92
	11.0	9.8	124.3	22.02	117.4	21.69	110.2	21.45	106.6	21.19	103.0	20.92	96.2	20.27
	13.0	11.8	124.3	21.29	117.4	20.97	110.2	20.73	106.6	20.48	103.0	20.22	96.2	19.59
15.0	13.7	124.3	20.51	117.4	20.20	110.2	19.97	106.6	19.73	103.0	19.47	96.2	18.87	

7. Capacity Tables

Heating Capacity (32HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	62.3	34.78	62.3	34.70	62.0	32.52	62.0	34.51	62.0	34.42	61.1	34.38
	-21.8	-22	75.1	34.66	75.1	34.58	74.7	33.55	74.7	34.38	74.7	34.77	73.6	34.26
	-19.8	-20	78.9	34.58	78.9	34.50	78.4	34.20	78.4	34.31	78.4	34.38	77.3	34.18
	-18.8	-19	80.7	34.54	80.2	34.46	80.2	34.38	80.2	34.27	80.2	34.18	79.1	33.62
	-16.7	-17	83.9	34.46	83.9	34.37	83.9	34.77	83.4	34.18	83.4	33.02	82.2	32.44
	-13.7	-15	89.6	34.33	89.6	34.26	89.1	34.18	89.1	32.49	89.1	31.36	87.9	30.76
	-11.8	-13	92.5	34.26	92.0	34.18	92.0	33.04	92.0	31.42	92.0	30.31	87.9	29.69
	-9.8	-11	95.6	34.18	95.6	32.90	95.2	31.84	95.2	30.28	94.4	29.20	87.9	28.57
	-9.5	-10	96.2	33.98	96.2	32.71	95.7	31.66	95.7	30.12	94.4	29.04	87.9	28.41
	-8.5	-9.1	98.3	33.30	98.3	32.06	97.8	31.06	97.6	29.56	94.4	28.48	87.9	27.84
	-7.0	-7.6	103.0	32.30	102.6	31.11	100.8	30.16	97.6	28.71	94.4	27.65	87.9	27.00
	-5.0	-5.6	107.5	30.95	106.4	29.82	100.8	28.96	97.6	27.58	94.4	26.54	87.9	25.88
	-3.0	-3.7	110.6	29.59	107.2	28.55	100.8	27.75	97.6	26.45	94.4	25.44	87.9	24.76
	0.0	-0.7	113.7	27.57	107.2	26.62	100.8	25.96	97.6	24.76	94.4	23.78	87.9	23.07
	3.0	2.2	113.7	25.55	107.2	24.69	100.8	24.15	97.6	23.07	94.4	22.12	87.9	21.39
	5.0	4.1	113.7	24.21	107.2	23.42	100.8	22.95	97.6	21.93	94.4	21.01	87.9	20.27
	7.0	6.0	113.7	22.85	107.2	22.13	100.8	21.75	97.6	20.81	94.4	19.91	87.9	19.14
	9.0	7.9	113.7	21.85	107.2	21.17	100.8	20.79	97.6	19.90	94.4	19.03	87.9	18.30
	11.0	9.8	113.7	21.03	107.2	20.36	100.8	20.01	97.6	19.15	94.4	18.32	87.9	17.61
	13.0	11.8	113.7	20.15	107.2	19.52	100.8	19.18	97.6	18.34	94.4	17.55	87.9	16.88
15.0	13.7	113.7	19.23	107.2	18.63	100.8	18.30	97.6	17.51	94.4	16.75	87.9	16.12	
90	-24.8	-25	62.1	30.93	62.1	31.48	61.7	31.86	61.7	32.04	61.7	32.42	60.9	32.96
	-21.8	-22	74.8	31.48	74.8	32.03	74.4	32.42	74.4	32.60	74.4	32.96	73.3	31.50
	-19.8	-20	78.6	31.85	78.6	32.39	78.1	32.78	78.1	32.96	78.1	31.96	77.1	30.52
	-18.8	-19	80.7	32.03	80.2	32.58	79.9	32.96	79.9	32.45	79.9	31.45	78.8	30.03
	-16.7	-17	83.9	32.42	83.9	32.96	83.5	31.88	83.5	31.35	83.5	30.40	80.3	29.00
	-13.7	-15	89.6	32.96	89.6	31.36	88.8	30.34	88.8	29.79	86.5	28.89	80.3	27.54
	-11.8	-13	92.5	31.85	92.0	30.33	91.7	29.37	89.4	28.80	86.5	27.93	80.3	26.60
	-9.8	-11	95.6	30.69	95.6	29.26	92.2	28.34	89.4	27.76	86.5	26.92	80.3	25.62
	-9.5	-10	96.2	30.51	96.2	29.10	92.2	28.18	89.4	27.61	86.5	26.77	80.3	25.48
	-8.5	-9.1	98.3	29.93	97.5	28.56	92.2	27.67	89.4	27.09	86.5	26.26	80.3	24.99
	-7.0	-7.6	103.0	29.06	97.9	27.75	92.2	26.89	89.4	26.30	86.5	25.51	80.3	24.26
	-5.0	-5.6	104.1	27.88	97.9	26.68	92.2	25.86	89.4	25.27	86.5	24.50	80.3	23.27
	-3.0	-3.7	104.1	26.72	97.9	25.61	92.2	24.84	89.4	24.23	86.5	23.49	80.3	22.30
	0.0	-0.7	104.1	24.97	97.9	24.00	92.2	23.30	89.4	22.66	86.5	21.98	80.3	20.83
	3.0	2.2	104.1	23.21	97.9	22.38	92.2	21.76	89.4	21.11	86.5	20.47	80.3	19.37
	5.0	4.1	104.1	22.05	97.9	21.31	92.2	20.73	89.4	20.07	86.5	19.47	80.3	18.39
	7.0	6.0	104.1	20.89	97.9	20.24	92.2	19.70	89.4	19.03	86.5	18.46	80.3	17.40
	9.0	7.9	104.1	19.79	97.9	19.19	92.2	18.67	89.4	18.04	86.5	17.50	80.3	16.50
	11.0	9.8	104.1	18.71	97.9	18.13	92.2	17.64	89.4	17.04	86.5	16.53	80.3	15.59
	13.0	11.8	104.1	17.61	97.9	17.08	92.2	16.61	89.4	16.04	86.5	15.57	80.3	14.68
15.0	13.7	104.1	16.52	97.9	16.02	92.2	15.58	89.4	15.05	86.5	14.60	80.3	13.77	
80	-24.8	-25	61.8	27.19	61.8	27.75	61.5	28.13	61.5	28.32	61.5	29.23	60.6	27.94
	-21.8	-22	74.0	27.75	74.0	28.30	74.0	28.68	74.0	29.23	74.0	27.94	71.8	26.71
	-19.8	-20	77.8	28.11	77.8	28.66	77.8	29.23	77.8	28.32	76.9	27.07	71.8	25.88
	-18.8	-19	79.6	28.30	79.6	29.23	79.6	28.76	79.4	27.86	77.1	26.65	71.8	25.46
	-16.7	-17	82.5	29.23	82.5	28.26	82.5	27.79	80.0	26.90	77.1	25.74	71.8	24.60
	-13.7	-15	86.2	27.78	84.6	26.86	82.5	26.40	80.0	25.52	77.1	24.45	71.8	23.36
	-11.8	-13	88.5	26.87	85.9	25.98	82.5	25.50	80.0	24.66	77.1	23.63	71.8	22.58
	-9.8	-11	90.9	25.90	87.1	25.06	82.5	24.57	80.0	23.74	77.1	22.77	71.8	21.76
	-9.5	-10	91.5	25.75	87.5	24.92	82.5	24.43	80.0	23.61	77.1	22.64	71.8	21.63
	-8.5	-9.1	92.4	25.27	87.9	24.46	82.5	23.97	80.0	23.15	77.1	22.21	71.8	21.22
	-7.0	-7.6	93.3	24.55	87.9	23.76	82.5	23.27	80.0	22.46	77.1	21.56	71.8	20.60
	-5.0	-5.6	93.3	23.58	87.9	22.84	82.5	22.34	80.0	21.55	77.1	20.71	71.8	19.78
	-3.0	-3.7	93.3	22.61	87.9	21.90	82.5	21.42	80.0	20.64	77.1	19.84	71.8	18.95
	0.0	-0.7	93.3	21.17	87.9	20.52	82.5	20.02	80.0	19.26	77.1	18.55	71.8	17.72
	3.0	2.2	93.3	19.72	87.9	19.13	82.5	18.62	80.0	17.89	77.1	17.26	71.8	16.49
	5.0	4.1	93.3	18.76	87.9	18.19	82.5	17.69	80.0	16.98	77.1	16.40	71.8	15.66
	7.0	6.0	93.3	17.79	87.9	17.27	82.5	16.76	80.0	16.06	77.1	15.53	71.8	14.84
	9.0	7.9	93.3	16.70	87.9	16.22	82.5	15.74	80.0	15.08	77.1	14.59	71.8	13.93
	11.0	9.8	93.3	15.50	87.9	15.05	82.5	14.60	80.0	14.00	77.1	13.54	71.8	12.92
	13.0	11.8	93.3	14.47	87.9	14.05	82.5	13.64	80.0	13.07	77.1	12.64	71.8	12.07
15.0	13.7	93.3	13.62	87.9	13.23	82.5	12.84	80.0	12.30	77.1	11.90	71.8	11.36	

7. Capacity Tables

Heating Capacity (32HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB													
			16		18		20		21		22		24			
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
70	-24.8	-25	61.8	27.30	61.8	27.48	61.5	27.84	61.5	28.40	61.5	28.40	61.5	27.01	60.5	25.72
	-21.8	-22	70.7	27.84	70.7	28.03	70.2	28.40	67.8	27.01	65.8	25.72	61.4	24.47		
	-19.8	-20	76.6	28.22	74.7	28.40	70.2	27.42	67.8	26.09	65.8	24.86	61.4	23.64		
	-18.8	-19	78.8	28.40	74.7	27.89	70.2	26.94	67.8	25.63	65.8	24.42	61.4	23.23		
	-16.7	-17	79.0	27.35	74.7	26.83	70.2	25.91	67.8	24.65	65.8	23.52	61.4	22.35		
	-13.7	-15	79.0	25.84	74.7	25.32	70.2	24.45	67.8	23.27	65.8	22.23	61.4	21.11		
	-11.8	-13	79.0	24.89	74.7	24.36	70.2	23.53	67.8	22.39	65.8	21.41	61.4	20.31		
	-9.8	-11	79.0	23.89	74.7	23.34	70.2	22.55	67.8	21.47	65.8	20.54	61.4	19.49		
	-9.5	-10	79.0	23.74	74.7	23.20	70.2	22.41	67.8	21.33	65.8	20.42	61.4	19.36		
	-8.5	-9.1	79.0	23.24	74.7	22.69	70.2	21.91	67.8	20.87	65.8	19.98	61.4	18.95		
	-7.0	-7.6	79.0	22.49	74.7	21.93	70.2	21.19	67.8	20.18	65.8	19.33	61.4	18.32		
	-5.0	-5.6	79.0	21.49	74.7	20.93	70.2	20.21	67.8	19.26	65.8	18.48	61.4	17.49		
	-3.0	-3.7	79.0	20.49	74.7	19.92	70.2	19.24	67.8	18.34	65.8	17.61	61.4	16.66		
	0.0	-0.7	79.0	18.99	74.7	18.40	70.2	17.78	67.8	16.95	65.8	16.32	61.4	15.41		
	3.0	2.2	79.0	17.49	74.7	16.89	70.2	16.32	67.8	15.57	65.8	15.03	61.4	14.17		
	5.0	4.1	79.0	16.49	74.7	15.87	70.2	15.34	67.8	14.64	65.8	14.16	61.4	13.34		
	7.0	6.0	79.0	15.48	74.7	14.87	70.2	14.36	67.8	13.72	65.8	13.31	61.4	12.51		
	9.0	7.9	79.0	13.99	74.7	13.42	70.2	12.97	67.8	12.39	65.8	12.01	61.4	11.29		
	11.0	9.8	79.0	13.02	74.7	12.50	70.2	12.08	67.8	11.53	65.8	11.18	61.4	10.52		
	13.0	11.8	79.0	12.19	74.7	11.69	70.2	11.31	67.8	10.79	65.8	10.46	61.4	9.84		
15.0	13.7	79.0	11.48	74.7	11.02	70.2	10.65	67.8	10.17	65.8	9.87	61.4	9.28			
60	-24.8	-25	60.6	26.87	60.6	27.23	60.2	27.78	58.2	26.32	56.2	24.95	52.6	23.67		
	-21.8	-22	64.9	27.42	64.2	27.78	60.2	26.32	58.2	24.95	56.2	23.67	52.6	22.42		
	-19.8	-20	67.8	27.78	64.2	26.75	60.2	25.35	58.2	24.03	56.2	22.80	52.6	21.59		
	-18.8	-19	67.8	27.26	64.2	26.23	60.2	24.86	58.2	23.58	56.2	22.37	52.6	21.18		
	-16.7	-17	67.8	26.16	64.2	25.14	60.2	23.83	58.2	22.62	56.2	21.47	52.6	20.32		
	-13.7	-15	67.8	24.58	64.2	23.59	60.2	22.36	58.2	21.25	56.2	20.19	52.6	19.07		
	-11.8	-13	67.8	23.59	64.2	22.60	60.2	21.44	58.2	20.38	56.2	19.38	52.6	18.29		
	-9.8	-11	67.8	22.54	64.2	21.57	60.2	20.46	58.2	19.47	56.2	18.51	52.6	17.46		
	-9.5	-10	67.8	22.39	64.2	21.42	60.2	20.32	58.2	19.33	56.2	18.39	52.6	17.34		
	-8.5	-9.1	67.8	21.87	64.2	20.90	60.2	19.83	58.2	18.87	56.2	17.96	52.6	16.93		
	-7.0	-7.6	67.8	21.08	64.2	20.12	60.2	19.10	58.2	18.19	56.2	17.31	52.6	16.30		
	-5.0	-5.6	67.8	20.03	64.2	19.09	60.2	18.12	58.2	17.27	56.2	16.46	52.6	15.48		
	-3.0	-3.7	67.8	18.98	64.2	18.05	60.2	17.15	58.2	16.37	56.2	15.60	52.6	14.65		
	0.0	-0.7	67.8	17.41	64.2	16.50	60.2	15.69	58.2	14.99	56.2	14.32	52.6	13.41		
	3.0	2.2	67.8	15.83	64.2	14.94	60.2	14.22	58.2	13.62	56.2	13.02	52.6	12.17		
	5.0	4.1	67.8	14.79	64.2	13.91	60.2	13.25	58.2	12.70	56.2	12.17	52.6	11.35		
	7.0	6.0	67.8	13.74	64.2	12.87	60.2	12.27	58.2	11.79	56.2	11.31	52.6	10.52		
	9.0	7.9	67.8	12.26	64.2	11.48	60.2	10.95	58.2	10.52	56.2	10.09	52.6	9.39		
	11.0	9.8	67.8	11.45	64.2	10.72	60.2	10.22	58.2	9.82	56.2	9.42	52.6	8.76		
	13.0	11.8	67.8	10.73	64.2	10.04	60.2	9.58	58.2	9.20	56.2	8.83	52.6	8.21		
15.0	13.7	67.8	10.14	64.2	9.50	60.2	9.05	58.2	8.70	56.2	8.35	52.6	7.76			
50	-24.8	-25	56.6	23.72	53.4	24.26	50.2	22.95	48.6	21.74	46.9	20.58	43.7	19.50		
	-21.8	-22	56.6	24.26	53.4	22.95	50.2	21.74	48.6	20.58	46.9	19.50	43.7	18.47		
	-19.8	-20	56.6	23.35	53.4	22.08	50.2	20.92	48.6	19.81	46.9	18.79	43.7	17.79		
	-18.8	-19	56.6	22.89	53.4	21.65	50.2	20.51	48.6	19.42	46.9	18.43	43.7	17.45		
	-16.7	-17	56.6	21.93	53.4	20.72	50.2	19.65	48.6	18.61	46.9	17.68	43.7	16.72		
	-13.7	-15	56.6	20.56	53.4	19.42	50.2	18.43	48.6	17.46	46.9	16.61	43.7	15.70		
	-11.8	-13	56.6	19.69	53.4	18.59	50.2	17.66	48.6	16.73	46.9	15.93	43.7	15.04		
	-9.8	-11	56.6	18.78	53.4	17.72	50.2	16.84	48.6	15.97	46.9	15.21	43.7	14.36		
	-9.5	-10	56.6	18.64	53.4	17.58	50.2	16.72	48.6	15.85	46.9	15.11	43.7	14.26		
	-8.5	-9.1	56.6	18.18	53.4	17.15	50.2	16.31	48.6	15.46	46.9	14.75	43.7	13.90		
	-7.0	-7.6	56.6	17.49	53.4	16.49	50.2	15.70	48.6	14.88	46.9	14.21	43.7	13.39		
	-5.0	-5.6	56.6	16.58	53.4	15.61	50.2	14.89	48.6	14.11	46.9	13.49	43.7	12.71		
	-3.0	-3.7	56.6	15.66	53.4	14.74	50.2	14.07	48.6	13.34	46.9	12.78	43.7	12.02		
	0.0	-0.7	56.6	14.29	53.4	13.43	50.2	12.85	48.6	12.19	46.9	11.70	43.7	10.98		
	3.0	2.2	56.6	12.91	53.4	12.13	50.2	11.62	48.6	11.04	46.9	10.63	43.7	9.96		
	5.0	4.1	56.6	12.00	53.4	11.25	50.2	10.81	48.6	10.27	46.9	9.91	43.7	9.27		
	7.0	6.0	56.6	11.08	53.4	10.38	50.2	10.00	48.6	9.50	46.9	9.20	43.7	8.59		
	9.0	7.9	56.6	10.01	53.4	9.37	50.2	9.02	48.6	8.57	46.9	8.31	43.7	7.75		
	11.0	9.8	56.6	9.37	53.4	8.77	50.2	8.44	48.6	8.03	46.9	7.77	43.7	7.26		
	13.0	11.8	56.6	8.79	53.4	8.24	50.2	7.93	48.6	7.53	46.9	7.30	43.7	6.81		
15.0	13.7	56.6	8.32	53.4	7.79	50.2	7.50	48.6	7.13	46.9	6.91	43.7	6.44			

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM340BTE5

Heating Capacity (34HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	67.3	34.69	67.3	34.98	67.0	35.23	67.0	35.61	67.0	35.98	66.0	36.56
	-21.8	-22	81.2	35.27	81.2	35.56	80.7	35.81	80.7	36.20	80.7	36.56	79.6	37.14
	-19.8	-20	85.3	35.65	85.3	35.94	84.7	36.20	84.7	36.58	84.7	36.95	83.6	37.53
	-18.8	-19	87.2	35.85	87.2	36.13	86.6	36.39	86.6	36.78	86.6	37.14	85.5	37.72
	-16.7	-17	91.2	36.26	91.2	36.54	90.6	36.79	90.6	37.18	90.6	37.54	89.3	38.13
	-13.7	-15	96.9	36.83	96.9	37.12	96.3	37.38	96.3	37.76	96.3	38.13	94.9	36.60
	-11.8	-13	100.1	37.20	100.1	37.49	99.5	37.74	99.5	38.13	99.5	37.10	98.5	35.63
	-9.8	-11	103.5	37.58	103.5	37.87	102.7	38.13	102.7	37.02	102.7	36.00	101.9	34.61
	-9.5	-10	104.1	37.64	104.1	37.94	103.4	37.95	103.4	36.85	103.3	35.84	102.5	34.47
	-8.5	-9.1	106.3	37.84	106.3	38.13	105.6	37.38	105.6	36.29	105.0	35.30	104.2	33.95
	-7.0	-7.6	109.6	38.13	109.6	37.28	108.9	36.53	108.9	35.46	108.9	34.48	107.5	33.19
	-5.0	-5.6	114.0	37.02	114.0	36.15	113.2	35.38	113.2	34.35	113.2	33.40	111.2	32.17
	-3.0	-3.7	118.4	35.91	118.4	35.02	117.6	34.24	117.6	33.25	117.6	32.30	114.9	31.15
	0.0	-0.7	124.9	34.24	124.9	33.33	124.2	32.53	124.2	31.57	124.2	30.68	120.2	29.63
	3.0	2.2	131.5	32.58	131.5	31.63	130.7	30.81	130.7	29.91	129.2	29.04	120.9	28.10
	5.0	4.1	135.4	31.47	135.4	30.50	134.7	29.67	133.5	28.80	129.8	27.96	120.9	27.08
	7.0	6.0	138.0	30.36	138.0	29.38	137.2	28.53	134.6	27.70	129.8	26.87	120.9	26.06
9.0	7.9	138.5	29.44	138.5	28.48	138.0	27.66	134.6	26.85	129.8	26.05	120.9	25.27	
11.0	9.8	138.5	28.76	138.5	27.83	138.0	27.03	134.6	26.24	129.8	25.46	120.9	24.69	
13.0	11.8	138.5	28.04	138.5	27.14	138.0	26.35	134.6	25.58	129.8	24.82	120.9	24.08	
15.0	13.7	138.5	27.27	138.5	26.40	138.0	25.63	134.6	24.88	129.8	24.14	120.9	23.42	
120	-24.8	-25	66.9	34.98	66.9	35.23	66.5	35.61	66.5	35.98	66.5	36.56	65.5	36.97
	-21.8	-22	80.6	35.56	80.6	35.81	80.1	36.20	80.1	36.56	80.1	37.14	79.0	37.54
	-19.8	-20	84.7	35.94	84.7	36.20	84.1	36.58	84.1	36.95	84.1	37.53	83.0	37.94
	-18.8	-19	86.6	36.13	86.6	36.39	86.0	36.78	86.0	37.14	86.0	37.72	84.9	38.13
	-16.7	-17	90.6	36.54	90.6	36.79	90.0	37.18	90.0	37.54	90.0	38.13	88.7	37.14
	-13.7	-15	96.2	37.12	96.2	37.38	95.6	37.76	95.6	38.13	95.6	36.66	94.3	35.74
	-11.8	-13	99.3	37.49	99.3	37.74	98.7	38.13	98.7	37.08	98.7	35.73	97.7	34.85
	-9.8	-11	102.7	37.87	102.7	38.13	102.1	36.97	102.1	35.99	102.1	34.75	101.3	33.92
	-9.5	-10	103.4	37.94	103.4	37.95	102.8	36.81	102.8	35.83	102.8	34.60	101.9	33.78
	-8.5	-9.1	105.6	38.13	105.6	37.33	104.8	36.23	104.8	35.27	104.8	34.12	103.9	33.31
	-7.0	-7.6	108.8	37.21	108.8	36.41	108.2	35.37	108.2	34.45	108.0	33.38	106.7	32.61
	-5.0	-5.6	113.2	35.99	113.2	35.19	112.4	34.21	112.4	33.36	112.4	32.40	110.4	31.67
	-3.0	-3.7	117.6	34.76	117.6	33.97	116.8	33.06	116.8	32.26	116.8	31.42	113.6	30.74
	0.0	-0.7	124.0	32.92	124.0	32.14	123.2	31.33	123.2	30.62	122.0	29.95	113.6	29.33
	3.0	2.2	130.6	31.08	130.6	30.30	128.9	29.61	126.1	28.98	122.2	28.49	113.6	27.93
	5.0	4.1	134.4	29.85	133.9	29.07	130.6	28.45	126.1	27.88	122.2	27.50	113.6	26.99
	7.0	6.0	137.0	28.63	135.9	27.85	130.6	27.31	126.1	26.78	122.2	26.53	113.6	26.06
9.0	7.9	137.3	27.70	135.9	26.94	130.6	26.42	126.1	25.91	122.2	25.66	113.6	25.21	
11.0	9.8	137.3	27.01	135.9	26.27	130.6	25.75	126.1	25.26	122.2	25.02	113.6	24.58	
13.0	11.8	137.3	26.26	135.9	25.54	130.6	25.04	126.1	24.57	122.2	24.34	113.6	23.90	
15.0	13.7	137.3	25.47	135.9	24.78	130.6	24.29	126.1	23.83	122.2	23.60	113.6	23.18	
110	-24.8	-25	66.5	35.23	66.5	35.61	66.1	35.98	66.1	36.56	66.1	36.97	65.2	37.16
	-21.8	-22	80.2	35.81	80.2	36.20	79.7	36.56	79.7	37.14	79.7	37.54	78.6	37.74
	-19.8	-20	84.2	36.20	84.2	36.58	83.8	36.95	83.8	37.53	83.8	37.94	82.5	38.13
	-18.8	-19	86.1	36.39	86.1	36.78	85.5	37.14	85.5	37.72	85.5	38.13	84.4	37.62
	-16.7	-17	90.1	36.79	90.1	37.18	89.5	37.54	89.5	38.13	89.5	37.07	88.2	36.53
	-13.7	-15	95.7	37.38	95.7	37.76	95.1	38.13	95.1	36.52	95.1	35.55	95.1	34.99
	-11.8	-13	98.9	37.74	98.9	38.13	98.2	36.99	98.2	35.51	98.2	34.60	98.2	34.01
	-9.8	-11	102.1	38.13	102.1	36.85	101.5	35.80	101.5	34.44	101.5	33.59	101.0	32.99
	-9.5	-10	102.8	37.92	102.8	36.65	102.2	35.62	102.2	34.27	102.2	33.45	101.9	32.84
	-8.5	-9.1	105.0	37.23	105.0	36.01	104.3	35.02	104.3	33.74	104.3	32.94	102.2	32.32
	-7.0	-7.6	108.2	36.18	108.2	35.04	107.6	34.12	107.6	32.94	107.6	32.18	102.2	31.55
	-5.0	-5.6	112.6	34.80	112.6	33.76	111.8	32.93	111.8	31.87	109.4	31.18	102.2	30.52
	-3.0	-3.7	116.9	33.41	116.9	32.48	116.0	31.74	113.3	30.81	109.4	30.17	102.2	29.49
	0.0	-0.7	123.4	31.32	123.0	30.55	117.1	29.94	113.3	29.20	109.4	28.65	102.2	27.95
	3.0	2.2	129.5	29.24	124.7	28.63	117.1	28.15	113.3	27.59	109.4	27.15	102.2	26.41
	5.0	4.1	132.0	27.85	124.7	27.34	117.1	26.96	113.3	26.53	109.4	26.14	102.2	25.38
	7.0	6.0	132.0	26.46	124.7	26.06	117.1	25.77	113.3	25.46	109.4	25.13	102.2	24.35
9.0	7.9	132.0	25.49	124.7	25.10	117.1	24.83	113.3	24.52	109.4	24.20	102.2	23.46	
11.0	9.8	132.0	24.72	124.7	24.35	117.1	24.08	113.3	23.79	109.4	23.49	102.2	22.76	
13.0	11.8	132.0	23.92	124.7	23.57	117.1	23.30	113.3	23.01	109.4	22.72	102.2	22.02	
15.0	13.7	132.0	23.07	124.7	22.72	117.1	22.47	113.3	22.19	109.4	21.90	102.2	21.23	

7. Capacity Tables

Heating Capacity (34HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	66.2	38.94	66.2	38.83	65.8	36.34	65.8	38.57	65.8	38.46	64.9	38.40
	-21.8	-22	79.8	38.78	79.8	38.67	79.4	37.48	79.4	38.40	79.4	38.81	78.2	38.23
	-19.8	-20	83.9	38.67	83.9	38.56	83.3	38.21	83.3	38.30	83.3	38.36	82.2	38.13
	-18.8	-19	85.7	38.61	85.2	38.50	85.2	38.40	85.2	38.24	85.2	38.13	84.0	37.50
	-16.7	-17	89.2	38.50	89.2	38.39	89.2	38.81	88.6	38.13	88.6	36.84	87.3	36.20
	-13.7	-15	95.2	38.33	95.2	38.23	94.7	38.13	94.7	36.25	94.7	35.00	93.4	34.33
	-11.8	-13	98.3	38.23	97.8	38.13	97.8	36.86	97.8	35.07	97.8	33.84	93.4	33.15
	-9.8	-11	101.6	38.13	101.6	36.71	101.1	35.54	101.1	33.81	100.3	32.61	93.4	31.91
	-9.5	-10	102.2	37.90	102.2	36.50	101.7	35.33	101.7	33.63	100.3	32.43	93.4	31.73
	-8.5	-9.1	104.4	37.16	104.4	35.79	103.9	34.67	103.7	33.01	100.3	31.81	93.4	31.10
	-7.0	-7.6	109.4	36.04	109.0	34.73	107.1	33.67	103.7	32.07	100.3	30.89	93.4	30.17
	-5.0	-5.6	114.2	34.56	113.1	33.31	107.1	32.35	103.7	30.82	100.3	29.67	93.4	28.93
	-3.0	-3.7	117.5	33.06	113.9	31.90	107.1	31.02	103.7	29.57	100.3	28.44	93.4	27.68
	0.0	-0.7	120.8	30.83	113.9	29.77	107.1	29.03	103.7	27.70	100.3	26.61	93.4	25.81
	3.0	2.2	120.8	28.60	113.9	27.64	107.1	27.04	103.7	25.82	100.3	24.77	93.4	23.95
	5.0	4.1	120.8	27.11	113.9	26.23	107.1	25.70	103.7	24.57	100.3	23.54	93.4	22.71
	7.0	6.0	120.8	25.61	113.9	24.81	107.1	24.38	103.7	23.33	100.3	22.32	93.4	21.46
	9.0	7.9	120.8	24.52	113.9	23.75	107.1	23.33	103.7	22.32	100.3	21.36	93.4	20.54
	11.0	9.8	120.8	23.62	113.9	22.88	107.1	22.48	103.7	21.51	100.3	20.58	93.4	19.78
	13.0	11.8	120.8	22.66	113.9	21.95	107.1	21.57	103.7	20.63	100.3	19.74	93.4	18.99
15.0	13.7	120.8	21.66	113.9	20.98	107.1	20.61	103.7	19.72	100.3	18.87	93.4	18.15	
90	-24.8	-25	65.9	34.65	65.9	35.23	65.6	35.63	65.6	35.82	65.6	36.22	64.7	36.79
	-21.8	-22	79.5	35.23	79.5	35.81	79.1	36.22	79.1	36.41	79.1	36.79	77.9	35.17
	-19.8	-20	83.5	35.62	83.5	36.19	83.0	36.60	83.0	36.79	83.0	35.68	81.9	34.08
	-18.8	-19	85.7	35.81	85.2	36.38	84.9	36.79	84.9	36.22	84.9	35.12	83.7	33.53
	-16.7	-17	89.2	36.22	89.2	36.79	88.7	36.60	88.7	35.00	88.7	33.95	85.3	32.39
	-13.7	-15	95.2	36.79	95.2	35.01	94.3	33.89	94.3	33.27	91.9	32.27	85.3	30.76
	-11.8	-13	98.3	35.56	97.8	33.88	97.5	32.81	94.9	32.17	91.9	31.21	85.3	29.73
	-9.8	-11	101.6	34.27	101.6	32.69	98.0	31.66	94.9	31.02	91.9	30.08	85.3	28.64
	-9.5	-10	102.2	34.08	102.2	32.51	98.0	31.49	94.9	30.85	91.9	29.92	85.3	28.48
	-8.5	-9.1	104.4	33.43	103.7	31.91	98.0	30.92	94.9	30.27	91.9	29.36	85.3	27.93
	-7.0	-7.6	109.4	32.46	104.1	31.02	98.0	30.06	94.9	29.40	91.9	28.52	85.3	27.12
	-5.0	-5.6	110.6	31.17	104.1	29.83	98.0	28.92	94.9	28.26	91.9	27.40	85.3	26.03
	-3.0	-3.7	110.6	29.88	104.1	28.64	98.0	27.79	94.9	27.10	91.9	26.28	85.3	24.95
	0.0	-0.7	110.6	27.94	104.1	26.86	98.0	26.08	94.9	25.36	91.9	24.60	85.3	23.31
	3.0	2.2	110.6	25.99	104.1	25.07	98.0	24.37	94.9	23.64	91.9	22.93	85.3	21.69
	5.0	4.1	110.6	24.70	104.1	23.87	98.0	23.22	94.9	22.48	91.9	21.81	85.3	20.60
	7.0	6.0	110.6	23.41	104.1	22.68	98.0	22.08	94.9	21.33	91.9	20.70	85.3	19.51
	9.0	7.9	110.6	22.20	104.1	21.52	98.0	20.94	94.9	20.23	91.9	19.63	85.3	18.51
	11.0	9.8	110.6	20.99	104.1	20.35	98.0	19.80	94.9	19.13	91.9	18.56	85.3	17.49
	13.0	11.8	110.6	19.78	104.1	19.18	98.0	18.66	94.9	18.02	91.9	17.49	85.3	16.49
15.0	13.7	110.6	18.57	104.1	18.00	98.0	17.51	94.9	16.92	91.9	16.42	85.3	15.48	
80	-24.8	-25	65.7	30.48	65.7	31.06	65.3	31.46	65.3	31.67	65.3	32.62	64.4	31.19
	-21.8	-22	78.7	31.06	78.7	31.64	78.7	32.05	78.7	32.62	78.7	31.19	76.2	29.82
	-19.8	-20	82.7	31.45	82.7	32.02	82.7	32.62	82.7	31.61	81.7	30.23	76.2	28.90
	-18.8	-19	84.5	31.64	84.5	32.62	84.5	32.11	84.4	31.10	81.9	29.76	76.2	28.44
	-16.7	-17	87.6	32.62	87.6	31.55	87.6	31.03	85.0	30.04	81.9	28.75	76.2	27.49
	-13.7	-15	91.6	31.02	89.8	30.00	87.6	29.48	85.0	28.51	81.9	27.31	76.2	26.11
	-11.8	-13	94.0	30.00	91.2	29.02	87.6	28.49	85.0	27.55	81.9	26.40	76.2	25.24
	-9.8	-11	96.6	28.94	92.6	28.00	87.6	27.46	85.0	26.53	81.9	25.45	76.2	24.32
	-9.5	-10	97.2	28.77	93.0	27.84	87.6	27.30	85.0	26.38	81.9	25.31	76.2	24.19
	-8.5	-9.1	98.2	28.23	93.4	27.33	87.6	26.79	85.0	25.88	81.9	24.83	76.2	23.72
	-7.0	-7.6	99.1	27.44	93.4	26.56	87.6	26.02	85.0	25.11	81.9	24.11	76.2	23.04
	-5.0	-5.6	99.1	26.36	93.4	25.53	87.6	24.98	85.0	24.10	81.9	23.16	76.2	22.12
	-3.0	-3.7	99.1	25.29	93.4	24.50	87.6	23.95	85.0	23.08	81.9	22.20	76.2	21.20
	0.0	-0.7	99.1	23.69	93.4	22.96	87.6	22.41	85.0	21.56	81.9	20.77	76.2	19.83
	3.0	2.2	99.1	22.08	93.4	21.42	87.6	20.85	85.0	20.03	81.9	19.33	76.2	18.46
	5.0	4.1	99.1	21.01	93.4	20.38	87.6	19.82	85.0	19.02	81.9	18.37	76.2	17.55
	7.0	6.0	99.1	19.94	93.4	19.36	87.6	18.79	85.0	18.01	81.9	17.41	76.2	16.63
	9.0	7.9	99.1	18.72	93.4	18.18	87.6	17.64	85.0	16.91	81.9	16.36	76.2	15.61
	11.0	9.8	99.1	17.38	93.4	16.87	87.6	16.37	85.0	15.70	81.9	15.17	76.2	14.49
	13.0	11.8	99.1	16.22	93.4	15.74	87.6	15.28	85.0	14.65	81.9	14.17	76.2	13.52
15.0	13.7	99.1	15.26	93.4	14.83	87.6	14.39	85.0	13.79	81.9	13.34	76.2	12.74	

7. Capacity Tables

Heating Capacity (34HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB													
			16		18		20		21		22		24			
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
70	-24.8	-25	65.7	30.55	65.7	30.74	65.3	31.13	65.3	31.71	65.3	30.17	65.3	30.17	64.3	28.73
	-21.8	-22	75.1	31.13	75.1	31.33	74.6	31.71	72.0	30.17	70.0	28.73	65.2	27.34	65.2	27.34
	-19.8	-20	81.3	31.52	79.3	31.71	74.6	30.63	72.0	29.14	70.0	27.77	65.2	26.42	65.2	26.42
	-18.8	-19	83.8	31.71	79.3	31.15	74.6	30.09	72.0	28.63	70.0	27.29	65.2	25.96	65.2	25.96
	-16.7	-17	84.0	30.55	79.3	29.97	74.6	28.95	72.0	27.55	70.0	26.29	65.2	24.98	65.2	24.98
	-13.7	-15	84.0	28.87	79.3	28.29	74.6	27.32	72.0	26.01	70.0	24.84	65.2	23.60	65.2	23.60
	-11.8	-13	84.0	27.82	79.3	27.22	74.6	26.30	72.0	25.03	70.0	23.93	65.2	22.71	65.2	22.71
	-9.8	-11	84.0	26.70	79.3	26.09	74.6	25.21	72.0	24.01	70.0	22.97	65.2	21.79	65.2	21.79
	-9.5	-10	84.0	26.54	79.3	25.93	74.6	25.05	72.0	23.85	70.0	22.83	65.2	21.65	65.2	21.65
	-8.5	-9.1	84.0	25.98	79.3	25.37	74.6	24.50	72.0	23.34	70.0	22.35	65.2	21.19	65.2	21.19
	-7.0	-7.6	84.0	25.15	79.3	24.52	74.6	23.69	72.0	22.56	70.0	21.63	65.2	20.50	65.2	20.50
	-5.0	-5.6	84.0	24.04	79.3	23.40	74.6	22.61	72.0	21.54	70.0	20.67	65.2	19.57	65.2	19.57
	-3.0	-3.7	84.0	22.92	79.3	22.28	74.6	21.53	72.0	20.52	70.0	19.71	65.2	18.65	65.2	18.65
	0.0	-0.7	84.0	21.26	79.3	20.59	74.6	19.90	72.0	18.97	70.0	18.27	65.2	17.25	65.2	17.25
	3.0	2.2	84.0	19.59	79.3	18.91	74.6	18.28	72.0	17.43	70.0	16.83	65.2	15.87	65.2	15.87
	5.0	4.1	84.0	18.48	79.3	17.78	74.6	17.19	72.0	16.40	70.0	15.87	65.2	14.95	65.2	14.95
	7.0	6.0	84.0	17.36	79.3	16.66	74.6	16.10	72.0	15.38	70.0	14.92	65.2	14.02	65.2	14.02
	9.0	7.9	84.0	15.68	79.3	15.05	74.6	14.54	72.0	13.88	70.0	13.47	65.2	12.66	65.2	12.66
	11.0	9.8	84.0	14.60	79.3	14.01	74.6	13.55	72.0	12.93	70.0	12.54	65.2	11.79	65.2	11.79
	13.0	11.8	84.0	13.66	79.3	13.11	74.6	12.67	72.0	12.09	70.0	11.73	65.2	11.03	65.2	11.03
15.0	13.7	84.0	12.87	79.3	12.36	74.6	11.94	72.0	11.40	70.0	11.06	65.2	10.40	65.2	10.40	
60	-24.8	-25	64.3	30.10	64.3	30.48	64.0	31.06	61.8	29.43	59.7	27.90	55.8	26.47	55.8	26.47
	-21.8	-22	68.9	30.68	68.2	31.06	64.0	29.43	61.8	27.90	59.7	26.47	55.8	25.08	55.8	25.08
	-19.8	-20	72.0	31.06	68.2	29.91	64.0	28.35	61.8	26.88	59.7	25.50	55.8	24.15	55.8	24.15
	-18.8	-19	72.0	30.48	68.2	29.33	64.0	27.80	61.8	26.37	59.7	25.03	55.8	23.70	55.8	23.70
	-16.7	-17	72.0	29.25	68.2	28.11	64.0	26.65	61.8	25.30	59.7	24.02	55.8	22.73	55.8	22.73
	-13.7	-15	72.0	27.49	68.2	26.39	64.0	25.02	61.8	23.77	59.7	22.59	55.8	21.34	55.8	21.34
	-11.8	-13	72.0	26.39	68.2	25.28	64.0	23.98	61.8	22.80	59.7	21.68	55.8	20.47	55.8	20.47
	-9.8	-11	72.0	25.22	68.2	24.13	64.0	22.90	61.8	21.79	59.7	20.72	55.8	19.54	55.8	19.54
	-9.5	-10	72.0	25.05	68.2	23.96	64.0	22.73	61.8	21.63	59.7	20.58	55.8	19.40	55.8	19.40
	-8.5	-9.1	72.0	24.46	68.2	23.38	64.0	22.19	61.8	21.12	59.7	20.10	55.8	18.95	55.8	18.95
	-7.0	-7.6	72.0	23.59	68.2	22.52	64.0	21.37	61.8	20.36	59.7	19.38	55.8	18.25	55.8	18.25
	-5.0	-5.6	72.0	22.42	68.2	21.36	64.0	20.28	61.8	19.34	59.7	18.42	55.8	17.33	55.8	17.33
	-3.0	-3.7	72.0	21.24	68.2	20.20	64.0	19.19	61.8	18.32	59.7	17.47	55.8	16.40	55.8	16.40
	0.0	-0.7	72.0	19.49	68.2	18.47	64.0	17.57	61.8	16.79	59.7	16.03	55.8	15.02	55.8	15.02
	3.0	2.2	72.0	17.73	68.2	16.73	64.0	15.93	61.8	15.26	59.7	14.59	55.8	13.64	55.8	13.64
	5.0	4.1	72.0	16.57	68.2	15.58	64.0	14.84	61.8	14.23	59.7	13.64	55.8	12.71	55.8	12.71
	7.0	6.0	72.0	15.40	68.2	14.42	64.0	13.76	61.8	13.22	59.7	12.68	55.8	11.79	55.8	11.79
	9.0	7.9	72.0	13.74	68.2	12.87	64.0	12.27	61.8	11.79	59.7	11.31	55.8	10.52	55.8	10.52
	11.0	9.8	72.0	12.83	68.2	12.02	64.0	11.46	61.8	11.01	59.7	10.56	55.8	9.82	55.8	9.82
	13.0	11.8	72.0	12.02	68.2	11.26	64.0	10.74	61.8	10.32	59.7	9.90	55.8	9.21	55.8	9.21
15.0	13.7	72.0	11.36	68.2	10.64	64.0	10.14	61.8	9.75	59.7	9.36	55.8	8.70	55.8	8.70	
50	-24.8	-25	60.1	26.51	56.7	27.08	53.3	25.62	51.6	24.27	49.9	22.98	46.5	21.78	46.5	21.78
	-21.8	-22	60.1	27.08	56.7	25.62	53.3	24.27	51.6	22.98	49.9	21.78	46.5	20.64	46.5	20.64
	-19.8	-20	60.1	26.07	56.7	24.66	53.3	23.36	51.6	22.13	49.9	20.99	46.5	19.87	46.5	19.87
	-18.8	-19	60.1	25.55	56.7	24.17	53.3	22.91	51.6	21.70	49.9	20.59	46.5	19.49	46.5	19.49
	-16.7	-17	60.1	24.49	56.7	23.14	53.3	21.95	51.6	20.79	49.9	19.75	46.5	18.69	46.5	18.69
	-13.7	-15	60.1	22.97	56.7	21.69	53.3	20.59	51.6	19.51	49.9	18.56	46.5	17.54	46.5	17.54
	-11.8	-13	60.1	21.99	56.7	20.76	53.3	19.73	51.6	18.69	49.9	17.81	46.5	16.81	46.5	16.81
	-9.8	-11	60.1	20.98	56.7	19.80	53.3	18.82	51.6	17.85	49.9	17.01	46.5	16.05	46.5	16.05
	-9.5	-10	60.1	20.82	56.7	19.65	53.3	18.69	51.6	17.71	49.9	16.89	46.5	15.94	46.5	15.94
	-8.5	-9.1	60.1	20.32	56.7	19.16	53.3	18.23	51.6	17.29	49.9	16.49	46.5	15.55	46.5	15.55
	-7.0	-7.6	60.1	19.55	56.7	18.44	53.3	17.56	51.6	16.64	49.9	15.89	46.5	14.98	46.5	14.98
	-5.0	-5.6	60.1	18.54	56.7	17.46	53.3	16.65	51.6	15.78	49.9	15.09	46.5	14.21	46.5	14.21
	-3.0	-3.7	60.1	17.51	56.7	16.49	53.3	15.74	51.6	14.93	49.9	14.30	46.5	13.45	46.5	13.45
	0.0	-0.7	60.1	15.99	56.7	15.03	53.3	14.38	51.6	13.64	49.9	13.10	46.5	12.30	46.5	12.30
	3.0	2.2	60.1	14.46	56.7	13.58	53.3	13.02	51.6	12.36	49.9	11.91	46.5	11.15	46.5	11.15
	5.0	4.1	60.1	13.44	56.7	12.60	53.3	12.11	51.6	11.50	49.9	11.11	46.5	10.39	46.5	10.39
	7.0	6.0	60.1	12.42	56.7	11.63	53.3	11.21	51.6	10.65	49.9	10.32	46.5	9.63	46.5	9.63
	9.0	7.9	60.1	11.22	56.7	10.50	53.3	10.12	51.6	9.61	49.9	9.31	46.5	8.68	46.5	8.68
	11.0	9.8	60.1	10.50	56.7	9.83	53.3	9.46	51.6	9.00	49.9	8.71	46.5	8.13	46.5	8.13
	13.0	11.8	60.1	9.85	56.7	9.23	53.3	8.89	51.6	8.44	49.9	8.19	46.5	7.63	46.5	7.63
15.0	13.7	60.1	9.33	56.7	8.73	53.3	8.41	51.6	7.99	49.9	7.74	46.5	7.22	46.5	7.22	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM360BTE5

Heating Capacity (36HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	69.3	36.81	69.3	37.22	68.9	37.58	68.9	38.14	68.9	38.67	68.0	39.50
	-21.8	-22	84.4	37.64	84.4	38.06	83.8	38.42	83.8	38.98	83.8	39.50	82.6	40.35
	-19.8	-20	89.0	38.20	89.0	38.61	88.4	38.98	88.4	39.54	88.4	40.07	87.2	40.90
	-18.8	-19	91.1	38.47	91.1	38.89	90.5	39.26	90.5	39.82	90.5	40.35	89.2	41.18
	-16.7	-17	95.4	39.06	95.4	39.48	94.8	39.84	94.8	40.41	94.8	40.93	93.4	41.77
	-13.7	-15	101.5	39.90	101.5	40.31	100.9	40.68	100.9	41.24	100.9	41.77	99.4	40.12
	-11.8	-13	104.8	40.43	104.8	40.85	104.2	41.22	104.2	41.77	104.2	40.65	103.2	39.06
	-9.8	-11	108.3	40.99	108.3	41.40	107.6	41.77	107.6	40.57	107.6	39.47	106.9	37.95
	-9.5	-10	108.9	41.07	108.9	41.49	108.3	41.58	108.3	40.38	108.1	39.29	107.5	37.79
	-8.5	-9.1	111.2	41.36	111.2	41.77	110.6	40.97	110.6	39.78	109.9	38.70	109.4	37.23
	-7.0	-7.6	114.7	41.77	114.7	40.85	113.9	40.04	113.9	38.88	113.9	37.81	112.8	36.40
	-5.0	-5.6	119.3	40.57	119.3	39.63	118.5	38.80	118.5	37.68	118.5	36.64	116.7	35.30
	-3.0	-3.7	123.9	39.38	123.9	38.41	123.1	37.56	123.1	36.48	123.1	35.45	120.7	34.19
	0.0	-0.7	130.7	37.58	130.7	36.58	129.9	35.70	129.9	34.66	129.9	33.68	126.5	32.53
	3.0	2.2	137.6	35.78	137.6	34.74	136.7	33.85	136.7	32.86	135.2	31.91	126.6	30.88
	5.0	4.1	141.6	34.58	141.6	33.52	140.9	32.60	139.7	31.66	135.9	30.73	126.6	29.77
	7.0	6.0	144.4	33.38	144.4	32.31	143.6	31.37	140.9	30.46	135.9	29.55	126.6	28.66
9.0	7.9	144.9	32.39	144.9	31.34	144.4	30.43	140.9	29.54	135.9	28.67	126.6	27.80	
11.0	9.8	144.9	31.67	144.9	30.65	144.4	29.76	140.9	28.89	135.9	28.03	126.6	27.19	
13.0	11.8	144.9	30.90	144.9	29.90	144.4	29.04	140.9	28.19	135.9	27.35	126.6	26.53	
15.0	13.7	144.9	30.08	144.9	29.11	144.4	28.27	140.9	27.44	135.9	26.62	126.6	25.82	
120	-24.8	-25	68.9	37.22	68.9	37.58	68.4	38.14	68.4	38.67	68.4	39.50	67.5	40.09
	-21.8	-22	83.8	38.06	83.8	38.42	83.2	38.98	83.2	39.50	83.2	40.35	82.1	40.93
	-19.8	-20	88.4	38.61	88.4	38.98	87.8	39.54	87.8	40.07	87.8	40.90	86.6	41.49
	-18.8	-19	90.4	38.89	90.4	39.26	89.8	39.82	89.8	40.35	89.8	41.18	88.6	41.77
	-16.7	-17	94.7	39.48	94.7	39.84	94.1	40.41	94.1	40.93	94.1	41.77	92.7	40.70
	-13.7	-15	100.7	40.31	100.7	40.68	100.1	41.24	100.1	41.77	100.1	40.18	98.7	39.17
	-11.8	-13	104.0	40.85	104.0	41.22	103.4	41.77	103.4	40.64	103.4	39.17	102.4	38.21
	-9.8	-11	107.5	41.40	107.5	41.77	106.9	40.52	106.9	39.45	106.9	38.11	106.2	37.20
	-9.5	-10	108.2	41.49	108.2	41.57	107.6	40.34	107.6	39.27	107.6	37.94	106.9	37.04
	-8.5	-9.1	110.5	41.77	110.5	40.91	109.7	39.71	109.7	38.67	109.7	37.42	108.9	36.53
	-7.0	-7.6	113.9	40.78	113.9	39.91	113.2	38.77	113.2	37.78	113.0	36.61	112.0	35.78
	-5.0	-5.6	118.5	39.45	118.5	38.59	117.7	37.52	117.7	36.60	117.7	35.55	116.0	34.75
	-3.0	-3.7	123.0	38.12	123.0	37.27	122.2	36.28	122.2	35.40	122.2	34.49	118.9	33.74
	0.0	-0.7	129.8	36.13	129.8	35.28	128.9	34.40	128.9	33.62	127.7	32.89	118.9	32.21
	3.0	2.2	136.6	34.14	136.6	33.29	134.9	32.53	132.0	31.84	127.9	31.30	118.9	30.69
	5.0	4.1	140.6	32.81	140.1	31.95	136.6	31.27	132.0	30.64	127.9	30.23	118.9	29.67
	7.0	6.0	143.4	31.48	142.3	30.63	136.6	30.03	132.0	29.45	127.9	29.18	118.9	28.65
9.0	7.9	143.8	30.47	142.3	29.65	136.6	29.07	132.0	28.51	127.9	28.24	118.9	27.74	
11.0	9.8	143.8	29.73	142.3	28.93	136.6	28.35	132.0	27.81	127.9	27.55	118.9	27.06	
13.0	11.8	143.8	28.93	142.3	28.14	136.6	27.59	132.0	27.07	127.9	26.81	118.9	26.34	
15.0	13.7	143.8	28.08	142.3	27.32	136.6	26.79	132.0	26.27	127.9	26.02	118.9	25.56	
110	-24.8	-25	68.5	37.58	68.5	38.14	68.1	38.67	68.1	39.50	68.1	40.09	67.1	40.37
	-21.8	-22	83.4	38.42	83.4	38.98	82.8	39.50	82.8	40.35	82.8	40.93	81.7	41.22
	-19.8	-20	87.9	38.98	87.9	39.54	87.4	40.07	87.4	40.90	87.4	41.49	86.1	41.77
	-18.8	-19	89.9	39.26	89.9	39.82	89.3	40.35	89.3	41.18	89.3	41.77	88.1	41.21
	-16.7	-17	94.2	39.84	94.2	40.41	93.6	40.93	93.6	41.77	93.6	40.62	92.2	40.03
	-13.7	-15	100.2	40.68	100.2	41.24	99.5	41.77	99.5	40.03	99.5	38.97	99.5	38.36
	-11.8	-13	103.5	41.22	103.5	41.77	102.8	40.53	102.8	38.93	102.8	37.94	102.8	37.29
	-9.8	-11	106.9	41.77	106.9	40.38	106.3	39.24	106.3	37.76	106.3	36.84	106.0	36.18
	-9.5	-10	107.6	41.54	107.6	40.17	107.0	39.05	107.0	37.58	107.0	36.68	106.7	36.01
	-8.5	-9.1	109.9	40.79	109.9	39.47	109.2	38.40	109.2	37.00	109.2	36.13	107.0	35.45
	-7.0	-7.6	113.3	39.65	113.3	38.42	112.6	37.42	112.6	36.13	112.6	35.30	107.0	34.61
	-5.0	-5.6	117.8	38.15	117.8	37.03	117.0	36.12	117.0	34.97	114.5	34.21	107.0	33.49
	-3.0	-3.7	122.3	36.64	122.3	35.63	121.4	34.82	118.6	33.81	114.5	33.12	107.0	32.38
	0.0	-0.7	129.1	34.37	128.7	33.54	122.5	32.88	118.6	32.06	114.5	31.47	107.0	30.70
	3.0	2.2	135.4	32.11	130.6	31.45	122.5	30.93	118.6	30.32	114.5	29.83	107.0	29.01
	5.0	4.1	138.2	30.60	130.6	30.05	122.5	29.63	118.6	29.16	114.5	28.73	107.0	27.90
	7.0	6.0	138.2	29.10	130.6	28.66	122.5	28.33	118.6	27.99	114.5	27.63	107.0	26.78
9.0	7.9	138.2	28.05	130.6	27.62	122.5	27.31	118.6	26.98	114.5	26.63	107.0	25.81	
11.0	9.8	138.2	27.22	130.6	26.81	122.5	26.51	118.6	26.19	114.5	25.86	107.0	25.06	
13.0	11.8	138.2	26.35	130.6	25.96	122.5	25.67	118.6	25.35	114.5	25.03	107.0	24.26	
15.0	13.7	138.2	25.43	130.6	25.05	122.5	24.77	118.6	24.46	114.5	24.15	107.0	23.41	

7. Capacity Tables

Heating Capacity (36HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	68.2	41.93	68.2	41.90	67.8	39.50	67.8	41.86	67.8	41.84	66.8	41.82
	-21.8	-22	82.9	41.90	82.9	41.87	82.5	40.74	82.5	41.82	82.5	42.41	81.2	41.79
	-19.8	-20	87.5	41.87	87.5	41.85	87.0	41.54	87.0	41.80	87.0	41.99	85.8	41.77
	-18.8	-19	89.5	41.86	89.0	41.84	89.0	41.82	89.0	41.79	89.0	41.77	87.7	41.09
	-16.7	-17	93.2	41.84	93.2	41.82	93.2	42.41	92.7	41.77	92.7	40.37	91.3	39.67
	-13.7	-15	99.7	41.81	99.7	41.79	99.1	41.77	99.1	39.73	99.1	38.37	97.8	37.63
	-11.8	-13	103.0	41.79	102.4	41.77	102.4	40.40	102.4	38.44	102.4	37.09	97.8	36.34
	-9.8	-11	106.3	41.77	106.3	40.23	105.9	38.96	105.9	37.07	104.9	35.76	97.8	34.99
	-9.5	-10	107.0	41.52	107.0	40.00	106.5	38.73	106.5	36.88	104.9	35.56	97.8	34.79
	-8.5	-9.1	109.3	40.71	109.3	39.22	108.8	38.01	108.5	36.20	104.9	34.89	97.8	34.11
	-7.0	-7.6	114.5	39.51	114.1	38.08	112.1	36.93	108.5	35.18	104.9	33.89	97.8	33.09
	-5.0	-5.6	119.5	37.89	118.3	36.53	112.1	35.48	108.5	33.81	104.9	32.55	97.8	31.74
	-3.0	-3.7	123.0	36.26	119.3	34.99	112.1	34.03	108.5	32.45	104.9	31.22	97.8	30.38
	0.0	-0.7	126.4	33.84	119.3	32.68	112.1	31.87	108.5	30.41	104.9	29.22	97.8	28.35
	3.0	2.2	126.4	31.41	119.3	30.36	112.1	29.70	108.5	28.37	104.9	27.21	97.8	26.31
	5.0	4.1	126.4	29.79	119.3	28.83	112.1	28.25	108.5	27.01	104.9	25.88	97.8	24.96
	7.0	6.0	126.4	28.17	119.3	27.28	112.1	26.81	108.5	25.65	104.9	24.54	97.8	23.60
	9.0	7.9	126.4	26.98	119.3	26.13	112.1	25.68	108.5	24.57	104.9	23.50	97.8	22.60
	11.0	9.8	126.4	26.01	119.3	25.20	112.1	24.76	108.5	23.69	104.9	22.66	97.8	21.79
	13.0	11.8	126.4	24.98	119.3	24.20	112.1	23.78	108.5	22.75	104.9	21.77	97.8	20.93
15.0	13.7	126.4	23.91	119.3	23.16	112.1	22.75	108.5	21.76	104.9	20.83	97.8	20.03	
90	-24.8	-25	67.9	37.10	67.9	37.95	67.5	38.53	67.5	38.81	67.5	39.37	66.6	40.21
	-21.8	-22	82.6	37.95	82.6	38.78	82.2	39.37	82.2	39.65	82.2	40.21	80.9	38.44
	-19.8	-20	87.2	38.50	87.2	39.34	86.6	39.93	86.6	40.21	86.6	39.00	85.4	37.26
	-18.8	-19	89.5	38.78	89.0	39.62	88.6	40.21	88.6	39.59	88.6	38.39	87.4	36.67
	-16.7	-17	93.2	39.37	93.2	40.21	92.8	38.91	92.8	38.27	92.8	37.12	89.3	35.43
	-13.7	-15	99.7	40.21	99.7	38.28	98.8	37.06	98.8	36.39	96.2	35.30	89.3	33.67
	-11.8	-13	103.0	38.88	102.4	37.05	102.0	35.89	99.4	35.20	96.2	34.15	89.3	32.54
	-9.8	-11	106.3	37.48	106.3	35.77	102.6	34.65	99.4	33.95	96.2	32.93	89.3	31.36
	-9.5	-10	107.0	37.27	107.0	35.57	102.6	34.47	99.4	33.77	96.2	32.76	89.3	31.18
	-8.5	-9.1	109.3	36.57	108.5	34.92	102.6	33.85	99.4	33.14	96.2	32.15	89.3	30.59
	-7.0	-7.6	114.5	35.53	108.9	33.96	102.6	32.92	99.4	32.20	96.2	31.24	89.3	29.71
	-5.0	-5.6	115.7	34.13	108.9	32.67	102.6	31.68	99.4	30.96	96.2	30.02	89.3	28.53
	-3.0	-3.7	115.7	32.73	108.9	31.38	102.6	30.46	99.4	29.71	96.2	28.81	89.3	27.36
	0.0	-0.7	115.7	30.64	108.9	29.46	102.6	28.61	99.4	27.83	96.2	26.99	89.3	25.58
	3.0	2.2	115.7	28.53	108.9	27.52	102.6	26.75	99.4	25.95	96.2	25.18	89.3	23.82
	5.0	4.1	115.7	27.14	108.9	26.23	102.6	25.52	99.4	24.70	96.2	23.97	89.3	22.64
	7.0	6.0	115.7	25.75	108.9	24.95	102.6	24.28	99.4	23.45	96.2	22.76	89.3	21.45
	9.0	7.9	115.7	24.43	108.9	23.69	102.6	23.04	99.4	22.26	96.2	21.60	89.3	20.37
	11.0	9.8	115.7	23.13	108.9	22.42	102.6	21.81	99.4	21.07	96.2	20.44	89.3	19.27
	13.0	11.8	115.7	21.81	108.9	21.15	102.6	20.58	99.4	19.87	96.2	19.28	89.3	18.19
15.0	13.7	115.7	20.51	108.9	19.88	102.6	19.34	99.4	18.68	96.2	18.13	89.3	17.09	
80	-24.8	-25	67.6	32.55	67.6	33.39	67.2	33.97	67.2	34.26	67.2	35.65	66.3	34.10
	-21.8	-22	81.7	33.39	81.7	34.23	81.7	34.82	81.7	35.65	81.7	34.10	79.8	32.61
	-19.8	-20	86.3	33.95	86.3	34.78	86.3	35.65	86.3	34.55	85.6	33.06	79.8	31.61
	-18.8	-19	88.3	34.23	88.3	35.65	88.3	35.09	88.3	34.00	85.8	32.54	79.8	31.11
	-16.7	-17	91.7	35.65	91.7	34.49	91.7	33.92	89.0	32.84	85.8	31.45	79.8	30.07
	-13.7	-15	95.9	33.92	94.0	32.81	91.7	32.24	89.0	31.19	85.8	29.89	79.8	28.57
	-11.8	-13	98.3	32.82	95.4	31.75	91.7	31.17	89.0	30.15	85.8	28.90	79.8	27.63
	-9.8	-11	100.9	31.66	96.8	30.64	91.7	30.06	89.0	29.05	85.8	27.87	79.8	26.64
	-9.5	-10	101.6	31.48	97.3	30.47	91.7	29.89	89.0	28.88	85.8	27.71	79.8	26.49
	-8.5	-9.1	102.7	30.90	97.8	29.92	91.7	29.33	89.0	28.34	85.8	27.20	79.8	25.99
	-7.0	-7.6	103.7	30.04	97.8	29.09	91.7	28.49	89.0	27.51	85.8	26.41	79.8	25.24
	-5.0	-5.6	103.7	28.87	97.8	27.97	91.7	27.37	89.0	26.41	85.8	25.38	79.8	24.25
	-3.0	-3.7	103.7	27.71	97.8	26.85	91.7	26.26	89.0	25.31	85.8	24.34	79.8	23.25
	0.0	-0.7	103.7	25.98	97.8	25.19	91.7	24.58	89.0	23.65	85.8	22.79	79.8	21.77
	3.0	2.2	103.7	24.24	97.8	23.52	91.7	22.89	89.0	22.00	85.8	21.23	79.8	20.28
	5.0	4.1	103.7	23.09	97.8	22.40	91.7	21.78	89.0	20.90	85.8	20.19	79.8	19.28
	7.0	6.0	103.7	21.93	97.8	21.29	91.7	20.66	89.0	19.80	85.8	19.15	79.8	18.29
	9.0	7.9	103.7	20.59	97.8	19.99	91.7	19.40	89.0	18.59	85.8	17.99	79.8	17.17
	11.0	9.8	103.7	19.11	97.8	18.55	91.7	18.00	89.0	17.26	85.8	16.69	79.8	15.93
	13.0	11.8	103.7	17.83	97.8	17.31	91.7	16.81	89.0	16.11	85.8	15.58	79.8	14.87
15.0	13.7	103.7	16.79	97.8	16.31	91.7	15.82	89.0	15.16	85.8	14.67	79.8	14.01	

7. Capacity Tables

Heating Capacity (36HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	67.6	32.99	67.6	33.27	67.2	33.83	67.2	34.67	67.2	32.99	66.2	31.43
	-21.8	-22	78.6	33.83	78.6	34.11	78.1	34.67	75.4	32.99	73.2	31.43	68.3	29.91
	-19.8	-20	85.9	34.39	83.0	34.67	78.1	33.49	75.4	31.88	73.2	30.38	68.3	28.91
	-18.8	-19	87.7	34.67	83.0	34.06	78.1	32.90	75.4	31.32	73.2	29.86	68.3	28.41
	-16.7	-17	87.9	33.41	83.0	32.78	78.1	31.66	75.4	30.14	73.2	28.77	68.3	27.35
	-13.7	-15	87.9	31.59	83.0	30.95	78.1	29.90	75.4	28.47	73.2	27.20	68.3	25.84
	-11.8	-13	87.9	30.44	83.0	29.79	78.1	28.79	75.4	27.40	73.2	26.21	68.3	24.88
	-9.8	-11	87.9	29.23	83.0	28.57	78.1	27.60	75.4	26.29	73.2	25.16	68.3	23.88
	-9.5	-10	87.9	29.05	83.0	28.39	78.1	27.43	75.4	26.12	73.2	25.01	68.3	23.73
	-8.5	-9.1	87.9	28.45	83.0	27.78	78.1	26.83	75.4	25.56	73.2	24.49	68.3	23.22
	-7.0	-7.6	87.9	27.54	83.0	26.86	78.1	25.95	75.4	24.72	73.2	23.70	68.3	22.46
	-5.0	-5.6	87.9	26.34	83.0	25.64	78.1	24.77	75.4	23.61	73.2	22.66	68.3	21.46
	-3.0	-3.7	87.9	25.13	83.0	24.43	78.1	23.60	75.4	22.50	73.2	21.62	68.3	20.46
	0.0	-0.7	87.9	23.32	83.0	22.59	78.1	21.84	75.4	20.82	73.2	20.05	68.3	18.94
	3.0	2.2	87.9	21.51	83.0	20.77	78.1	20.07	75.4	19.15	73.2	18.49	68.3	17.43
	5.0	4.1	87.9	20.30	83.0	19.54	78.1	18.89	75.4	18.02	73.2	17.44	68.3	16.43
	7.0	6.0	87.9	19.09	83.0	18.32	78.1	17.71	75.4	16.91	73.2	16.40	68.3	15.42
	9.0	7.9	87.9	17.24	83.0	16.55	78.1	15.99	75.4	15.27	73.2	14.81	68.3	13.92
11.0	9.8	87.9	16.05	83.0	15.40	78.1	14.90	75.4	14.22	73.2	13.79	68.3	12.96	
13.0	11.8	87.9	15.02	83.0	14.41	78.1	13.94	75.4	13.30	73.2	12.90	68.3	12.13	
15.0	13.7	87.9	14.16	83.0	13.59	78.1	13.13	75.4	12.54	73.2	12.17	68.3	11.44	
60	-24.8	-25	67.0	32.44	67.0	32.99	66.6	33.83	64.7	32.07	62.5	30.41	58.5	28.86
	-21.8	-22	72.0	33.27	71.4	33.83	67.0	32.07	64.7	30.41	62.5	28.86	58.5	27.36
	-19.8	-20	75.4	33.83	71.4	32.58	67.0	30.89	64.7	29.31	62.5	27.82	58.5	26.35
	-18.8	-19	75.4	33.20	71.4	31.96	67.0	30.30	64.7	28.76	62.5	27.30	58.5	25.86
	-16.7	-17	75.4	31.88	71.4	30.65	67.0	29.07	64.7	27.60	62.5	26.21	58.5	24.81
	-13.7	-15	75.4	29.98	71.4	28.78	67.0	27.30	64.7	25.95	62.5	24.66	58.5	23.31
	-11.8	-13	75.4	28.78	71.4	27.59	67.0	26.18	64.7	24.90	62.5	23.68	58.5	22.36
	-9.8	-11	75.4	27.53	71.4	26.35	67.0	25.01	64.7	23.80	62.5	22.64	58.5	21.36
	-9.5	-10	75.4	27.34	71.4	26.16	67.0	24.83	64.7	23.63	62.5	22.49	58.5	21.21
	-8.5	-9.1	75.4	26.71	71.4	25.54	67.0	24.24	64.7	23.08	62.5	21.97	58.5	20.71
	-7.0	-7.6	75.4	25.76	71.4	24.60	67.0	23.36	64.7	22.26	62.5	21.19	58.5	19.96
	-5.0	-5.6	75.4	24.51	71.4	23.35	67.0	22.18	64.7	21.15	62.5	20.16	58.5	18.96
	-3.0	-3.7	75.4	23.24	71.4	22.10	67.0	21.00	64.7	20.05	62.5	19.12	58.5	17.96
	0.0	-0.7	75.4	21.35	71.4	20.23	67.0	19.25	64.7	18.40	62.5	17.57	58.5	16.46
	3.0	2.2	75.4	19.45	71.4	18.35	67.0	17.48	64.7	16.74	62.5	16.01	58.5	14.97
	5.0	4.1	75.4	18.20	71.4	17.11	67.0	16.30	64.7	15.63	62.5	14.98	58.5	13.97
	7.0	6.0	75.4	16.94	71.4	15.86	67.0	15.13	64.7	14.54	62.5	13.95	58.5	12.96
	9.0	7.9	75.4	15.11	71.4	14.15	67.0	13.49	64.7	12.97	62.5	12.44	58.5	11.57
11.0	9.8	75.4	14.11	71.4	13.22	67.0	12.60	64.7	12.11	62.5	11.62	58.5	10.80	
13.0	11.8	75.4	13.22	71.4	12.38	67.0	11.81	64.7	11.35	62.5	10.88	58.5	10.12	
15.0	13.7	75.4	12.49	71.4	11.70	67.0	11.15	64.7	10.72	62.5	10.29	58.5	9.57	
50	-24.8	-25	62.9	28.76	59.3	29.60	55.8	28.01	54.0	26.54	52.2	25.14	48.6	23.83
	-21.8	-22	62.9	29.60	59.3	28.01	55.8	26.54	54.0	25.14	52.2	23.83	48.6	22.58
	-19.8	-20	62.9	28.49	59.3	26.96	55.8	25.55	54.0	24.20	52.2	22.97	48.6	21.75
	-18.8	-19	62.9	27.93	59.3	26.43	55.8	25.05	54.0	23.73	52.2	22.53	48.6	21.33
	-16.7	-17	62.9	26.77	59.3	25.31	55.8	24.01	54.0	22.75	52.2	21.62	48.6	20.46
	-13.7	-15	62.9	25.12	59.3	23.73	55.8	22.53	54.0	21.36	52.2	20.32	48.6	19.21
	-11.8	-13	62.9	24.06	59.3	22.72	55.8	21.60	54.0	20.47	52.2	19.50	48.6	18.42
	-9.8	-11	62.9	22.96	59.3	21.67	55.8	20.61	54.0	19.54	52.2	18.63	48.6	17.58
	-9.5	-10	62.9	22.79	59.3	21.51	55.8	20.46	54.0	19.40	52.2	18.50	48.6	17.46
	-8.5	-9.1	62.9	22.24	59.3	20.98	55.8	19.97	54.0	18.93	52.2	18.07	48.6	17.04
	-7.0	-7.6	62.9	21.41	59.3	20.19	55.8	19.23	54.0	18.23	52.2	17.42	48.6	16.41
	-5.0	-5.6	62.9	20.31	59.3	19.13	55.8	18.24	54.0	17.30	52.2	16.54	48.6	15.58
	-3.0	-3.7	62.9	19.19	59.3	18.08	55.8	17.26	54.0	16.37	52.2	15.68	48.6	14.75
	0.0	-0.7	62.9	17.54	59.3	16.49	55.8	15.77	54.0	14.96	52.2	14.38	48.6	13.49
	3.0	2.2	62.9	15.87	59.3	14.91	55.8	14.29	54.0	13.57	52.2	13.08	48.6	12.25
	5.0	4.1	62.9	14.77	59.3	13.85	55.8	13.30	54.0	12.64	52.2	12.21	48.6	11.42
	7.0	6.0	62.9	13.66	59.3	12.79	55.8	12.33	54.0	11.71	52.2	11.34	48.6	10.58
	9.0	7.9	62.9	12.34	59.3	11.55	55.8	11.12	54.0	10.57	52.2	10.24	48.6	9.55
11.0	9.8	62.9	11.54	59.3	10.81	55.8	10.41	54.0	9.89	52.2	9.58	48.6	8.94	
13.0	11.8	62.9	10.83	59.3	10.15	55.8	9.77	54.0	9.28	52.2	9.00	48.6	8.39	
15.0	13.7	62.9	10.26	59.3	9.60	55.8	9.25	54.0	8.79	52.2	8.52	48.6	7.94	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM380BTE5

Heating Capacity (38HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	72.7	39.04	72.7	39.38	72.3	39.68	72.3	40.15	72.3	40.59	70.9	41.28
	-21.8	-22	89.3	39.73	89.3	40.08	88.6	40.38	88.6	40.84	88.6	41.28	86.9	41.97
	-19.8	-20	94.5	40.20	94.5	40.54	93.9	40.84	93.9	41.30	93.9	41.74	92.1	42.43
	-18.8	-19	96.7	40.42	96.7	40.77	96.1	41.07	96.1	41.54	96.1	41.97	94.2	42.66
	-16.7	-17	101.3	40.91	101.3	41.26	100.6	41.56	100.6	42.02	100.6	42.46	98.7	43.15
	-13.7	-15	107.7	41.61	107.7	41.95	107.1	42.25	107.1	42.71	107.1	43.15	105.0	41.58
	-11.8	-13	111.2	42.04	111.2	42.39	110.6	42.69	110.6	43.15	110.6	42.09	109.0	40.57
	-9.8	-11	114.9	42.51	114.9	42.85	114.2	43.15	114.2	42.03	114.2	40.99	113.2	39.52
	-9.5	-10	115.6	42.58	115.6	42.92	114.9	42.98	114.9	41.86	114.8	40.82	113.9	39.37
	-8.5	-9.1	117.8	42.81	117.8	43.15	117.1	42.42	117.1	41.30	116.6	40.26	116.0	38.84
	-7.0	-7.6	121.1	43.15	121.1	42.32	120.3	41.56	120.3	40.46	120.3	39.42	119.1	38.05
	-5.0	-5.6	125.6	42.09	125.6	41.22	124.8	40.42	124.8	39.34	124.8	38.32	123.3	37.01
	-3.0	-3.7	130.0	41.04	130.0	40.11	129.2	39.28	129.2	38.22	129.2	37.20	127.5	35.95
	0.0	-0.7	136.7	39.45	136.7	38.46	135.8	37.57	135.8	36.53	135.8	35.53	133.6	34.37
	3.0	2.2	143.4	37.86	143.4	36.80	142.4	35.87	142.4	34.85	142.4	33.87	133.7	32.80
	5.0	4.1	147.7	36.80	147.7	35.69	146.9	34.72	146.9	33.74	146.9	32.75	133.7	31.75
	7.0	6.0	152.2	35.74	152.2	34.60	151.2	33.59	148.8	32.62	143.6	31.65	133.7	30.69
9.0	7.9	153.0	34.88	153.0	33.76	152.5	32.78	148.8	31.82	143.6	30.88	133.7	29.95	
11.0	9.8	153.0	34.33	153.0	33.22	152.5	32.25	148.8	31.32	143.6	30.38	133.7	29.47	
13.0	11.8	153.0	33.72	153.0	32.63	152.5	31.69	148.8	30.77	143.6	29.85	133.7	28.95	
15.0	13.7	153.0	33.07	153.0	32.00	152.5	31.07	148.8	30.17	143.6	29.26	133.7	28.39	
120	-24.8	-25	72.2	39.38	72.2	39.68	71.8	40.15	71.8	40.59	71.8	41.28	70.4	41.76
	-21.8	-22	88.6	40.08	88.6	40.38	88.0	40.84	88.0	41.28	88.0	41.97	86.4	42.46
	-19.8	-20	93.8	40.54	93.8	40.84	93.2	41.30	93.2	41.74	93.2	42.43	91.4	42.92
	-18.8	-19	96.0	40.77	96.0	41.07	95.3	41.54	95.3	41.97	95.3	42.66	93.5	43.15
	-16.7	-17	100.5	41.26	100.5	41.56	99.9	42.02	99.9	42.46	99.9	43.15	97.9	42.14
	-13.7	-15	106.9	41.95	106.9	42.25	106.3	42.71	106.3	43.15	106.3	41.64	104.2	40.68
	-11.8	-13	110.4	42.39	110.4	42.69	109.8	43.15	109.8	42.09	109.8	40.69	108.2	39.77
	-9.8	-11	114.1	42.85	114.1	43.15	113.4	41.98	113.4	40.96	113.4	39.69	112.4	38.80
	-9.5	-10	114.8	42.92	114.8	42.96	114.1	41.81	114.1	40.79	114.1	39.53	113.1	38.65
	-8.5	-9.1	117.0	43.15	117.0	42.35	116.2	41.22	116.2	40.23	116.2	39.03	115.1	38.17
	-7.0	-7.6	120.3	42.24	120.3	41.42	119.5	40.34	119.5	39.39	119.5	38.28	118.3	37.45
	-5.0	-5.6	124.7	41.02	124.7	40.20	123.9	39.17	123.9	38.27	123.9	37.27	122.5	36.48
	-3.0	-3.7	129.1	39.80	129.1	38.97	128.3	38.01	128.3	37.15	128.3	36.27	125.6	35.52
	0.0	-0.7	135.7	37.97	135.7	37.12	134.8	36.25	134.8	35.47	134.8	34.76	125.6	34.06
	3.0	2.2	142.3	36.15	142.3	35.27	141.4	34.50	139.5	33.79	135.1	33.25	125.6	32.62
	5.0	4.1	146.7	34.94	146.7	34.03	144.2	33.32	139.5	32.66	135.1	32.24	125.6	31.65
	7.0	6.0	151.2	33.71	150.2	32.80	144.2	32.16	139.5	31.54	135.1	31.25	125.6	30.68
9.0	7.9	151.8	32.81	150.2	31.93	144.2	31.30	139.5	30.70	135.1	30.41	125.6	29.87	
11.0	9.8	151.8	32.20	150.2	31.33	144.2	30.71	139.5	30.12	135.1	29.84	125.6	29.30	
13.0	11.8	151.8	31.54	150.2	30.68	144.2	30.08	139.5	29.51	135.1	29.22	125.6	28.71	
15.0	13.7	151.8	30.82	150.2	29.99	144.2	29.40	139.5	28.84	135.1	28.56	125.6	28.05	
110	-24.8	-25	71.9	39.68	71.9	40.15	71.4	40.59	71.4	41.28	71.4	41.76	70.0	41.99
	-21.8	-22	88.1	40.38	88.1	40.84	87.5	41.28	87.5	41.97	87.5	42.46	85.9	42.69
	-19.8	-20	93.4	40.84	93.4	41.30	92.7	41.74	92.7	42.43	92.7	42.92	91.0	43.15
	-18.8	-19	95.5	41.07	95.5	41.54	94.8	41.97	94.8	42.66	94.8	43.15	93.1	42.61
	-16.7	-17	100.0	41.56	100.0	42.02	99.4	42.46	99.4	43.15	99.4	42.05	97.4	41.48
	-13.7	-15	106.3	42.25	106.3	42.71	105.7	43.15	105.7	41.49	105.7	40.47	105.7	39.86
	-11.8	-13	109.8	42.69	109.8	43.15	109.2	41.97	109.2	40.43	109.2	39.47	109.2	38.83
	-9.8	-11	113.5	43.15	113.5	41.83	112.8	40.74	112.8	39.32	112.8	38.42	112.5	37.76
	-9.5	-10	114.1	42.93	114.1	41.63	113.5	40.56	113.5	39.15	113.5	38.27	113.0	37.59
	-8.5	-9.1	116.3	42.22	116.3	40.96	115.7	39.94	115.7	38.59	115.7	37.74	113.0	37.05
	-7.0	-7.6	119.7	41.15	119.7	39.97	118.9	39.01	118.9	37.76	118.9	36.95	113.0	36.24
	-5.0	-5.6	124.0	39.72	124.0	38.65	123.2	37.77	123.2	36.65	121.0	35.90	113.0	35.16
	-3.0	-3.7	128.4	38.29	128.4	37.32	127.6	36.53	125.2	35.54	121.0	34.85	113.0	34.08
	0.0	-0.7	135.0	36.15	135.0	35.33	129.4	34.68	125.2	33.86	121.0	33.27	113.0	32.46
	3.0	2.2	141.5	34.01	138.0	33.35	129.4	32.82	125.2	32.20	121.0	31.69	113.0	30.83
	5.0	4.1	145.9	32.58	138.0	32.01	129.4	31.58	125.2	31.09	121.0	30.64	113.0	29.76
	7.0	6.0	146.0	31.16	138.0	30.69	129.4	30.34	125.2	29.97	121.0	29.59	113.0	28.68
9.0	7.9	146.0	30.19	138.0	29.73	129.4	29.40	125.2	29.04	121.0	28.67	113.0	27.78	
11.0	9.8	146.0	29.48	138.0	29.03	129.4	28.71	125.2	28.35	121.0	28.00	113.0	27.13	
13.0	11.8	146.0	28.71	138.0	28.28	129.4	27.97	125.2	27.62	121.0	27.27	113.0	26.43	
15.0	13.7	146.0	27.90	138.0	27.48	129.4	27.18	125.2	26.84	121.0	26.50	113.0	25.68	

7. Capacity Tables

Heating Capacity (38HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	71.6	43.94	71.6	43.83	71.1	41.08	71.1	43.58	71.1	43.47	69.7	43.41
	-21.8	-22	87.7	43.78	87.7	43.67	87.2	42.37	87.2	43.42	87.2	43.91	85.5	43.26
	-19.8	-20	92.9	43.67	92.9	43.57	92.4	43.19	92.4	43.31	92.4	43.41	90.6	43.15
	-18.8	-19	95.0	43.62	94.5	43.52	94.5	43.42	94.5	43.26	94.5	43.15	92.6	42.48
	-16.7	-17	98.9	43.51	98.9	43.41	98.9	43.91	98.4	43.15	98.4	41.78	96.5	41.09
	-13.7	-15	105.8	43.36	105.8	43.25	105.2	43.15	105.2	41.17	105.2	39.82	103.3	39.08
	-11.8	-13	109.3	43.26	108.7	43.15	108.7	41.83	108.7	39.91	108.7	38.57	103.3	37.81
	-9.8	-11	112.9	43.15	112.9	41.67	112.3	40.43	112.3	38.58	110.8	37.27	103.3	36.48
	-9.5	-10	113.5	42.92	113.5	41.44	113.0	40.22	113.0	38.39	110.8	37.07	103.3	36.28
	-8.5	-9.1	115.7	42.14	115.7	40.70	115.2	39.52	114.6	37.73	110.8	36.42	103.3	35.61
	-7.0	-7.6	121.0	40.99	120.5	39.60	118.4	38.48	114.6	36.74	110.8	35.44	103.3	34.61
	-5.0	-5.6	126.2	39.44	125.0	38.11	118.4	37.08	114.6	35.41	110.8	34.13	103.3	33.28
	-3.0	-3.7	129.9	37.89	126.0	36.63	118.4	35.68	114.6	34.09	110.8	32.82	103.3	31.95
	0.0	-0.7	133.5	35.58	126.0	34.41	118.4	33.59	114.6	32.10	110.8	30.86	103.3	29.95
	3.0	2.2	133.5	33.26	126.0	32.18	118.4	31.50	114.6	30.11	110.8	28.89	103.3	27.94
	5.0	4.1	133.5	31.71	126.0	30.70	118.4	30.10	114.6	28.79	110.8	27.59	103.3	26.61
	7.0	6.0	133.5	30.17	126.0	29.22	118.4	28.71	114.6	27.46	110.8	26.28	103.3	25.28
	9.0	7.9	133.5	29.07	126.0	28.15	118.4	27.67	114.6	26.47	110.8	25.32	103.3	24.36
	11.0	9.8	133.5	28.22	126.0	27.34	118.4	26.87	114.6	25.70	110.8	24.58	103.3	23.65
	13.0	11.8	133.5	27.32	126.0	26.46	118.4	26.00	114.6	24.88	110.8	23.81	103.3	22.89
15.0	13.7	133.5	26.36	126.0	25.54	118.4	25.09	114.6	24.00	110.8	22.97	103.3	22.09	
90	-24.8	-25	71.3	39.05	71.3	39.75	70.8	40.24	70.8	40.47	70.8	40.93	69.5	41.63
	-21.8	-22	87.4	39.75	87.4	40.44	86.9	40.93	86.9	41.16	86.9	41.63	85.1	39.86
	-19.8	-20	92.6	40.21	92.6	40.91	92.0	41.40	92.0	41.63	92.0	40.43	90.2	38.69
	-18.8	-19	95.0	40.44	94.5	41.14	94.1	41.63	94.1	41.01	94.1	39.83	92.3	38.11
	-16.7	-17	98.9	40.93	98.9	41.63	98.5	40.35	98.5	39.72	98.5	38.57	94.3	36.88
	-13.7	-15	105.8	41.63	105.8	39.74	104.9	38.54	104.9	37.86	101.6	36.77	94.3	35.12
	-11.8	-13	109.3	40.34	108.7	38.54	108.2	37.39	105.0	36.69	101.6	35.63	94.3	34.00
	-9.8	-11	112.9	38.97	112.9	37.29	108.4	36.17	105.0	35.46	101.6	34.43	94.3	32.83
	-9.5	-10	113.5	38.77	113.5	37.09	108.4	36.00	105.0	35.28	101.6	34.26	94.3	32.65
	-8.5	-9.1	115.7	38.09	114.9	36.46	108.4	35.39	105.0	34.66	101.6	33.66	94.3	32.06
	-7.0	-7.6	121.0	37.08	115.1	35.52	108.4	34.48	105.0	33.74	101.6	32.76	94.3	31.19
	-5.0	-5.6	122.3	35.72	115.1	34.26	108.4	33.26	105.0	32.51	101.6	31.56	94.3	30.02
	-3.0	-3.7	122.3	34.36	115.1	33.00	108.4	32.06	105.0	31.28	101.6	30.36	94.3	28.85
	0.0	-0.7	122.3	32.32	115.1	31.12	108.4	30.24	105.0	29.43	101.6	28.56	94.3	27.08
	3.0	2.2	122.3	30.28	115.1	29.23	108.4	28.42	105.0	27.57	101.6	26.77	94.3	25.32
	5.0	4.1	122.3	28.93	115.1	27.97	108.4	27.22	105.0	26.34	101.6	25.57	94.3	24.15
	7.0	6.0	122.3	27.57	115.1	26.72	108.4	26.00	105.0	25.11	101.6	24.37	94.3	22.97
	9.0	7.9	122.3	26.28	115.1	25.48	108.4	24.79	105.0	23.94	101.6	23.23	94.3	21.91
	11.0	9.8	122.3	25.00	115.1	24.23	108.4	23.57	105.0	22.77	101.6	22.10	94.3	20.83
	13.0	11.8	122.3	23.71	115.1	22.99	108.4	22.37	105.0	21.60	101.6	20.96	94.3	19.77
15.0	13.7	122.3	22.43	115.1	21.74	108.4	21.16	105.0	20.43	101.6	19.83	94.3	18.70	
80	-24.8	-25	71.0	34.34	71.0	35.03	70.5	35.52	70.5	35.75	70.5	36.91	69.2	35.37
	-21.8	-22	86.4	35.03	86.4	35.73	86.4	36.22	86.4	36.91	86.4	35.37	84.3	33.88
	-19.8	-20	91.6	35.50	91.6	36.19	91.6	36.91	91.6	35.82	90.6	34.34	84.3	32.88
	-18.8	-19	93.7	35.73	93.7	36.91	93.7	36.36	93.7	35.28	90.6	33.82	84.3	32.38
	-16.7	-17	96.9	36.91	96.9	35.77	96.9	35.20	94.0	34.12	90.6	32.74	84.3	31.34
	-13.7	-15	101.3	35.21	99.3	34.12	96.9	33.54	94.0	32.49	90.6	31.18	84.3	29.85
	-11.8	-13	103.8	34.14	100.7	33.08	96.9	32.49	94.0	31.46	90.6	30.20	84.3	28.91
	-9.8	-11	106.5	33.00	102.2	31.99	96.9	31.40	94.0	30.37	90.6	29.17	84.3	27.92
	-9.5	-10	107.3	32.83	102.8	31.82	96.9	31.23	94.0	30.20	90.6	29.02	84.3	27.77
	-8.5	-9.1	108.4	32.26	103.2	31.28	96.9	30.68	94.0	29.66	90.6	28.51	84.3	27.28
	-7.0	-7.6	109.5	31.41	103.2	30.46	96.9	29.85	94.0	28.84	90.6	27.73	84.3	26.53
	-5.0	-5.6	109.5	30.28	103.2	29.36	96.9	28.74	94.0	27.75	90.6	26.69	84.3	25.54
	-3.0	-3.7	109.5	29.14	103.2	28.26	96.9	27.65	94.0	26.66	90.6	25.66	84.3	24.54
	0.0	-0.7	109.5	27.45	103.2	26.63	96.9	25.99	94.0	25.02	90.6	24.12	84.3	23.06
	3.0	2.2	109.5	25.74	103.2	24.99	96.9	24.33	94.0	23.39	90.6	22.57	84.3	21.57
	5.0	4.1	109.5	24.62	103.2	23.89	96.9	23.23	94.0	22.29	90.6	21.54	84.3	20.57
	7.0	6.0	109.5	23.48	103.2	22.80	96.9	22.12	94.0	21.20	90.6	20.51	84.3	19.58
	9.0	7.9	109.5	22.05	103.2	21.40	96.9	20.77	94.0	19.91	90.6	19.26	84.3	18.39
	11.0	9.8	109.5	20.46	103.2	19.86	96.9	19.28	94.0	18.48	90.6	17.88	84.3	17.06
	13.0	11.8	109.5	19.10	103.2	18.54	96.9	18.00	94.0	17.25	90.6	16.68	84.3	15.93
15.0	13.7	109.5	17.98	103.2	17.46	96.9	16.94	94.0	16.23	90.6	15.71	84.3	15.00	

7. Capacity Tables

Heating Capacity (38HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	71.0	34.66	71.0	34.89	70.5	35.36	70.5	36.05	70.5	34.35	69.2	32.77
	-21.8	-22	83.0	35.36	83.0	35.58	82.5	36.05	79.7	34.35	77.3	32.77	72.2	31.23
	-19.8	-20	91.1	35.81	87.7	36.05	82.5	34.86	79.7	33.23	77.3	31.71	72.2	30.21
	-18.8	-19	92.9	36.05	87.7	35.43	82.5	34.26	79.7	32.66	77.3	31.18	72.2	29.71
	-16.7	-17	92.9	34.78	87.7	34.15	82.5	33.02	79.7	31.48	77.3	30.08	72.2	28.63
	-13.7	-15	92.9	32.97	87.7	32.31	82.5	31.24	79.7	29.78	77.3	28.49	72.2	27.09
	-11.8	-13	92.9	31.81	87.7	31.14	82.5	30.12	79.7	28.71	77.3	27.49	72.2	26.12
	-9.8	-11	92.9	30.60	87.7	29.92	82.5	28.93	79.7	27.59	77.3	26.43	72.2	25.11
	-9.5	-10	92.9	30.42	87.7	29.74	82.5	28.75	79.7	27.42	77.3	26.28	72.2	24.95
	-8.5	-9.1	92.9	29.82	87.7	29.12	82.5	28.16	79.7	26.85	77.3	25.75	72.2	24.43
	-7.0	-7.6	92.9	28.91	87.7	28.20	82.5	27.26	79.7	26.00	77.3	24.95	72.2	23.66
	-5.0	-5.6	92.9	27.71	87.7	26.97	82.5	26.08	79.7	24.88	77.3	23.89	72.2	22.65
	-3.0	-3.7	92.9	26.49	87.7	25.75	82.5	24.89	79.7	23.75	77.3	22.85	72.2	21.63
	0.0	-0.7	92.9	24.68	87.7	23.91	82.5	23.12	79.7	22.06	77.3	21.26	72.2	20.09
	3.0	2.2	92.9	22.86	87.7	22.08	82.5	21.34	79.7	20.37	77.3	19.68	72.2	18.56
	5.0	4.1	92.9	21.65	87.7	20.85	82.5	20.15	79.7	19.23	77.3	18.62	72.2	17.54
	7.0	6.0	92.9	20.45	87.7	19.62	82.5	18.97	79.7	18.11	77.3	17.56	72.2	16.51
	9.0	7.9	92.9	18.46	87.7	17.72	82.5	17.13	79.7	16.35	77.3	15.86	72.2	14.91
	11.0	9.8	92.9	17.19	87.7	16.50	82.5	15.95	79.7	15.23	77.3	14.77	72.2	13.88
	13.0	11.8	92.9	16.08	87.7	15.43	82.5	14.92	79.7	14.25	77.3	13.82	72.2	12.99
15.0	13.7	92.9	15.17	87.7	14.55	82.5	14.06	79.7	13.43	77.3	13.03	72.2	12.25	
60	-24.8	-25	70.8	34.20	70.8	34.66	70.3	35.36	68.4	33.55	66.0	31.85	61.8	30.25
	-21.8	-22	76.1	34.89	75.4	35.36	70.7	33.55	68.4	31.85	66.0	30.25	61.8	28.71
	-19.8	-20	79.7	35.36	75.4	34.07	70.7	32.34	68.4	30.72	66.0	29.19	61.8	27.67
	-18.8	-19	79.7	34.71	75.4	33.44	70.7	31.74	68.4	30.16	66.0	28.66	61.8	27.17
	-16.7	-17	79.7	33.36	75.4	32.10	70.7	30.48	68.4	28.96	66.0	27.54	61.8	26.08
	-13.7	-15	79.7	31.43	75.4	30.19	70.7	28.67	68.4	27.27	66.0	25.94	61.8	24.54
	-11.8	-13	79.7	30.21	75.4	28.98	70.7	27.52	68.4	26.20	66.0	24.93	61.8	23.56
	-9.8	-11	79.7	28.93	75.4	27.70	70.7	26.32	68.4	25.07	66.0	23.87	61.8	22.53
	-9.5	-10	79.7	28.74	75.4	27.51	70.7	26.14	68.4	24.90	66.0	23.71	61.8	22.38
	-8.5	-9.1	79.7	28.09	75.4	26.88	70.7	25.53	68.4	24.33	66.0	23.18	61.8	21.86
	-7.0	-7.6	79.7	27.13	75.4	25.91	70.7	24.63	68.4	23.48	66.0	22.38	61.8	21.09
	-5.0	-5.6	79.7	25.85	75.4	24.64	70.7	23.43	68.4	22.35	66.0	21.32	61.8	20.06
	-3.0	-3.7	79.7	24.56	75.4	23.37	70.7	22.22	68.4	21.22	66.0	20.25	61.8	19.03
	0.0	-0.7	79.7	22.63	75.4	21.45	70.7	20.42	68.4	19.53	66.0	18.65	61.8	17.49
	3.0	2.2	79.7	20.70	75.4	19.53	70.7	18.61	68.4	17.83	66.0	17.06	61.8	15.95
	5.0	4.1	79.7	19.43	75.4	18.26	70.7	17.40	68.4	16.69	66.0	16.00	61.8	14.92
	7.0	6.0	79.7	18.14	75.4	16.99	70.7	16.20	68.4	15.57	66.0	14.94	61.8	13.88
	9.0	7.9	79.7	16.18	75.4	15.16	70.7	14.45	68.4	13.89	66.0	13.32	61.8	12.39
	11.0	9.8	79.7	15.11	75.4	14.15	70.7	13.49	68.4	12.97	66.0	12.44	61.8	11.57
	13.0	11.8	79.7	14.15	75.4	13.26	70.7	12.64	68.4	12.15	66.0	11.65	61.8	10.83
15.0	13.7	79.7	13.37	75.4	12.53	70.7	11.94	68.4	11.48	66.0	11.02	61.8	10.24	
50	-24.8	-25	66.5	29.94	62.7	30.64	58.9	29.04	57.0	27.55	55.1	26.14	51.3	24.81
	-21.8	-22	66.5	30.64	62.7	29.04	58.9	27.55	57.0	26.14	55.1	24.81	51.3	23.54
	-19.8	-20	66.5	29.52	62.7	27.98	58.9	26.55	57.0	25.19	55.1	23.94	51.3	22.69
	-18.8	-19	66.5	28.97	62.7	27.45	58.9	26.05	57.0	24.71	55.1	23.49	51.3	22.26
	-16.7	-17	66.5	27.80	62.7	26.32	58.9	25.00	57.0	23.72	55.1	22.57	51.3	21.38
	-13.7	-15	66.5	26.14	62.7	24.72	58.9	23.51	57.0	22.31	55.1	21.25	51.3	20.11
	-11.8	-13	66.5	25.08	62.7	23.71	58.9	22.57	57.0	21.41	55.1	20.42	51.3	19.31
	-9.8	-11	66.5	23.97	62.7	22.65	58.9	21.57	57.0	20.46	55.1	19.54	51.3	18.45
	-9.5	-10	66.5	23.80	62.7	22.49	58.9	21.42	57.0	20.32	55.1	19.40	51.3	18.32
	-8.5	-9.1	66.5	23.25	62.7	21.96	58.9	20.92	57.0	19.85	55.1	18.97	51.3	17.91
	-7.0	-7.6	66.5	22.41	62.7	21.16	58.9	20.17	57.0	19.14	55.1	18.31	51.3	17.26
	-5.0	-5.6	66.5	21.31	62.7	20.09	58.9	19.17	57.0	18.20	55.1	17.42	51.3	16.42
	-3.0	-3.7	66.5	20.19	62.7	19.03	58.9	18.18	57.0	17.26	55.1	16.54	51.3	15.57
	0.0	-0.7	66.5	18.52	62.7	17.43	58.9	16.68	57.0	15.83	55.1	15.23	51.3	14.30
	3.0	2.2	66.5	16.85	62.7	15.83	58.9	15.19	57.0	14.42	55.1	13.91	51.3	13.03
	5.0	4.1	66.5	15.74	62.7	14.77	58.9	14.19	57.0	13.48	55.1	13.03	51.3	12.18
	7.0	6.0	66.5	14.63	62.7	13.70	58.9	13.20	57.0	12.54	55.1	12.14	51.3	11.33
	9.0	7.9	66.5	13.21	62.7	12.37	58.9	11.91	57.0	11.32	55.1	10.97	51.3	10.23
	11.0	9.8	66.5	12.36	62.7	11.57	58.9	11.15	57.0	10.59	55.1	10.26	51.3	9.57
	13.0	11.8	66.5	11.60	62.7	10.86	58.9	10.46	57.0	9.94	55.1	9.63	51.3	8.99
15.0	13.7	66.5	10.98	62.7	10.28	58.9	9.91	57.0	9.41	55.1	9.12	51.3	8.51	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM400BTE5

Heating Capacity (40HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	74.1	40.15	74.1	40.63	73.6	41.04	73.6	41.69	73.6	42.29	72.8	43.25
	-21.8	-22	91.2	41.11	91.2	41.59	90.6	42.01	90.6	42.64	90.6	43.25	89.5	44.21
	-19.8	-20	96.7	41.75	96.7	42.22	96.1	42.64	96.1	43.28	96.1	43.89	95.0	44.84
	-18.8	-19	99.1	42.06	99.1	42.55	98.5	42.96	98.5	43.60	98.5	44.21	97.3	45.16
	-16.7	-17	103.9	42.73	103.9	43.22	103.3	43.63	103.3	44.28	103.3	44.88	102.1	45.83
	-13.7	-15	110.8	43.70	110.8	44.17	110.1	44.59	110.1	45.23	110.1	45.83	108.8	44.22
	-11.8	-13	114.5	44.30	114.5	44.79	113.8	45.20	113.8	45.83	113.8	44.75	112.8	43.19
	-9.8	-11	118.4	44.95	118.4	45.42	117.7	45.83	117.7	44.69	117.7	43.62	117.0	42.11
	-9.5	-10	119.3	45.04	119.3	45.51	118.6	45.66	118.6	44.52	118.2	43.45	117.6	41.95
	-8.5	-9.1	122.6	45.36	122.6	45.83	121.9	45.09	121.9	43.95	120.2	42.88	119.7	41.40
	-7.0	-7.6	127.6	45.83	127.6	45.00	126.7	44.23	126.7	43.10	126.7	42.02	124.0	40.59
	-5.0	-5.6	134.2	44.78	134.2	43.89	133.3	43.08	133.3	41.96	133.3	40.89	128.5	39.52
	-3.0	-3.7	140.8	43.74	140.8	42.78	139.9	41.91	139.9	40.82	139.9	39.75	133.0	38.44
	0.0	-0.7	150.7	42.16	150.7	41.12	149.6	40.18	148.5	39.09	146.3	38.04	139.9	36.81
	3.0	2.2	155.1	40.58	155.1	39.45	154.3	38.46	152.7	37.38	150.5	36.33	140.8	35.20
	5.0	4.1	157.8	39.52	157.8	38.34	157.1	37.30	155.5	36.24	151.2	35.19	140.8	34.12
	7.0	6.0	160.6	38.47	160.6	37.24	159.8	36.15	156.7	35.10	151.2	34.06	140.8	33.04
9.0	7.9	161.1	37.62	161.1	36.41	160.6	35.35	156.7	34.32	151.2	33.31	140.8	32.30	
11.0	9.8	161.1	37.11	161.1	35.91	160.6	34.86	156.7	33.85	151.2	32.84	140.8	31.86	
13.0	11.8	161.1	36.53	161.1	35.35	160.6	34.33	156.7	33.33	151.2	32.34	140.8	31.37	
15.0	13.7	161.1	35.92	161.1	34.76	160.6	33.75	156.7	32.77	151.2	31.79	140.8	30.84	
120	-24.8	-25	73.6	40.63	73.6	41.04	73.1	41.69	73.1	42.29	73.1	43.25	72.3	43.92
	-21.8	-22	90.6	41.59	90.6	42.01	90.0	42.64	90.0	43.25	90.0	44.21	89.0	44.88
	-19.8	-20	96.1	42.22	96.1	42.64	95.4	43.28	95.4	43.89	95.4	44.84	94.3	45.51
	-18.8	-19	98.3	42.55	98.3	42.96	97.7	43.60	97.7	44.21	97.7	45.16	96.6	45.83
	-16.7	-17	103.1	43.22	103.1	43.63	102.5	44.28	102.5	44.88	102.5	45.83	101.3	44.80
	-13.7	-15	110.0	44.17	110.0	44.59	109.3	45.23	109.3	45.83	109.3	44.29	108.0	43.30
	-11.8	-13	113.7	44.79	113.7	45.20	113.0	45.83	113.0	44.75	113.0	43.32	112.0	42.36
	-9.8	-11	117.5	45.42	117.5	45.83	116.8	44.64	116.8	43.59	116.8	42.28	116.1	41.37
	-9.5	-10	118.5	45.51	118.5	45.65	117.8	44.47	117.8	43.42	117.8	42.13	117.1	41.21
	-8.5	-9.1	121.8	45.83	121.8	45.03	121.0	43.87	121.0	42.85	120.5	41.62	119.7	40.72
	-7.0	-7.6	126.7	44.92	126.7	44.08	125.9	42.97	125.9	41.99	124.0	40.84	123.1	39.98
	-5.0	-5.6	133.3	43.68	133.3	42.83	132.4	41.78	132.4	40.84	132.4	39.81	127.6	38.98
	-3.0	-3.7	139.7	42.45	139.7	41.58	138.9	40.58	138.9	39.69	138.0	38.78	131.6	37.99
	0.0	-0.7	149.6	40.60	149.1	39.70	146.0	38.79	144.0	37.97	142.1	37.23	132.2	36.50
	3.0	2.2	153.9	38.75	153.2	37.82	150.2	37.00	146.9	36.25	142.3	35.68	132.2	35.01
	5.0	4.1	156.7	37.52	156.0	36.55	151.9	35.80	146.9	35.09	142.3	34.65	132.2	34.02
	7.0	6.0	159.5	36.28	158.2	35.30	151.9	34.61	146.9	33.95	142.3	33.63	132.2	33.02
9.0	7.9	159.9	35.38	158.2	34.43	151.9	33.75	146.9	33.10	142.3	32.79	132.2	32.21	
11.0	9.8	159.9	34.79	158.2	33.86	151.9	33.18	146.9	32.55	142.3	32.25	132.2	31.67	
13.0	11.8	159.9	34.16	158.2	33.23	151.9	32.57	146.9	31.96	142.3	31.65	132.2	31.09	
15.0	13.7	159.9	33.46	158.2	32.56	151.9	31.92	146.9	31.31	142.3	31.01	132.2	30.46	
110	-24.8	-25	73.2	41.04	73.2	41.69	72.8	42.29	72.8	43.25	72.8	43.92	71.9	44.24
	-21.8	-22	90.1	42.01	90.1	42.64	89.5	43.25	89.5	44.21	89.5	44.88	88.5	45.20
	-19.8	-20	95.6	42.64	95.6	43.28	94.9	43.89	94.9	44.84	94.9	45.51	93.8	45.83
	-18.8	-19	97.8	42.96	97.8	43.60	97.2	44.21	97.2	45.16	97.2	45.83	96.1	45.27
	-16.7	-17	102.6	43.63	102.6	44.28	102.0	44.88	102.0	45.83	102.0	44.70	100.8	44.10
	-13.7	-15	109.4	44.59	109.4	45.23	108.7	45.83	108.7	44.12	108.7	43.07	108.7	42.43
	-11.8	-13	113.0	45.20	113.0	45.83	112.4	44.62	112.4	43.04	112.4	42.04	112.4	41.36
	-9.8	-11	116.9	45.83	116.9	44.48	116.2	43.36	116.2	41.89	116.2	40.96	115.9	40.25
	-9.5	-10	117.8	45.61	117.8	44.27	117.2	43.17	117.2	41.71	117.2	40.80	116.9	40.08
	-8.5	-9.1	121.1	44.88	121.1	43.59	120.4	42.53	120.4	41.14	120.1	40.25	118.4	39.52
	-7.0	-7.6	126.0	43.78	126.0	42.57	125.2	41.57	125.2	40.28	123.7	39.44	119.0	38.69
	-5.0	-5.6	132.5	42.32	132.5	41.21	131.6	40.30	130.6	39.14	126.5	38.35	119.0	37.57
	-3.0	-3.7	139.0	40.85	139.0	39.84	135.2	39.02	131.9	37.99	127.4	37.28	119.0	36.46
	0.0	-0.7	146.8	38.66	143.4	37.80	136.3	37.12	131.9	36.27	127.4	35.65	119.0	34.78
	3.0	2.2	150.9	36.46	145.3	35.76	136.3	35.21	131.9	34.56	127.4	34.02	119.0	33.10
	5.0	4.1	153.7	35.00	145.3	34.39	136.3	33.93	131.9	33.41	127.4	32.93	119.0	31.99
	7.0	6.0	153.7	33.53	145.3	33.03	136.3	32.66	131.9	32.26	127.4	31.85	119.0	30.87
9.0	7.9	153.7	32.55	145.3	32.06	136.3	31.70	131.9	31.31	127.4	30.91	119.0	29.96	
11.0	9.8	153.7	31.85	145.3	31.37	136.3	31.02	131.9	30.64	127.4	30.25	119.0	29.32	
13.0	11.8	153.7	31.09	145.3	30.63	136.3	30.29	131.9	29.91	127.4	29.53	119.0	28.62	
15.0	13.7	153.7	30.29	145.3	29.83	136.3	29.50	131.9	29.14	127.4	28.77	119.0	27.88	

7. Capacity Tables

Heating Capacity (40HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	72.9	45.45	72.9	45.50	72.4	43.15	72.4	45.63	72.4	45.69	71.5	45.70
	-21.8	-22	89.6	45.53	89.6	45.57	89.1	44.51	89.1	45.71	89.1	46.38	88.0	45.79
	-19.8	-20	95.1	45.57	95.1	45.63	94.6	45.38	94.6	45.75	94.6	46.02	93.5	45.83
	-18.8	-19	97.4	45.60	96.8	45.66	96.8	45.71	96.8	45.78	96.8	45.83	95.6	45.14
	-16.7	-17	101.5	45.65	101.5	45.71	101.5	46.38	101.0	45.83	101.0	44.41	99.8	43.69
	-13.7	-15	108.9	45.74	108.9	45.79	108.2	45.83	108.2	43.78	108.2	42.37	107.0	41.59
	-11.8	-13	112.5	45.79	111.9	45.83	111.9	44.47	111.9	42.47	111.9	41.07	108.5	40.27
	-9.8	-11	116.2	45.83	116.2	44.31	115.7	43.03	115.7	41.10	114.7	39.71	108.7	38.88
	-9.5	-10	117.2	45.60	117.2	44.07	116.7	42.81	116.7	40.90	115.3	39.51	108.7	38.67
	-8.5	-9.1	120.4	44.80	120.4	43.31	119.9	42.08	120.7	40.21	116.7	38.83	108.7	37.98
	-7.0	-7.6	127.4	43.61	126.9	42.17	124.7	41.01	120.7	39.18	116.7	37.81	108.7	36.93
	-5.0	-5.6	133.0	42.02	131.6	40.63	124.7	39.55	120.7	37.80	116.7	36.45	108.7	35.55
	-3.0	-3.7	136.8	40.42	132.7	39.10	124.7	38.11	120.7	36.43	116.7	35.09	108.7	34.16
	0.0	-0.7	140.7	38.04	132.7	36.81	124.7	35.95	120.7	34.36	116.7	33.05	108.7	32.07
	3.0	2.2	140.7	35.65	132.7	34.51	124.7	33.78	120.7	32.31	116.7	31.00	108.7	29.98
	5.0	4.1	140.7	34.06	132.7	32.98	124.7	32.34	120.7	30.94	116.7	29.65	108.7	28.59
	7.0	6.0	140.7	32.47	132.7	31.45	124.7	30.90	120.7	29.56	116.7	28.28	108.7	27.21
	9.0	7.9	140.7	31.31	132.7	30.32	124.7	29.80	120.7	28.51	116.7	27.28	108.7	26.23
	11.0	9.8	140.7	30.42	132.7	29.47	124.7	28.96	120.7	27.70	116.7	26.50	108.7	25.49
	13.0	11.8	140.7	29.47	132.7	28.54	124.7	28.05	120.7	26.84	116.7	25.68	108.7	24.69
15.0	13.7	140.7	28.47	132.7	27.57	124.7	27.10	120.7	25.91	116.7	24.80	108.7	23.85	
90	-24.8	-25	72.6	40.42	72.6	41.38	72.1	42.05	72.1	42.37	72.1	43.01	71.3	43.97
	-21.8	-22	89.3	41.38	89.3	42.34	88.8	43.01	88.8	43.33	88.8	43.97	87.7	42.15
	-19.8	-20	94.8	42.01	94.8	42.98	94.1	43.65	94.1	43.97	94.1	42.74	93.0	40.94
	-18.8	-19	97.4	42.34	96.8	43.30	96.4	43.97	96.4	43.34	96.4	42.12	95.3	40.34
	-16.7	-17	101.5	43.01	101.5	43.97	101.1	42.67	101.1	42.01	101.1	40.83	98.4	39.07
	-13.7	-15	108.9	43.97	108.9	42.04	107.9	40.81	107.9	40.11	105.9	38.98	99.4	37.26
	-11.8	-13	112.5	42.66	111.9	40.82	111.4	39.63	109.4	38.91	107.0	37.81	99.4	36.10
	-9.8	-11	116.2	41.27	116.2	39.54	113.0	38.39	110.6	37.65	107.0	36.57	99.4	34.89
	-9.5	-10	117.2	41.06	117.2	39.34	113.6	38.21	110.6	37.46	107.0	36.40	99.4	34.71
	-8.5	-9.1	120.4	40.37	119.6	38.70	114.1	37.58	110.6	36.82	107.0	35.78	99.4	34.10
	-7.0	-7.6	127.4	39.34	121.2	37.74	114.1	36.66	110.6	35.88	107.0	34.85	99.4	33.20
	-5.0	-5.6	128.8	37.96	121.2	36.46	114.1	35.41	110.6	34.61	107.0	33.62	99.4	31.99
	-3.0	-3.7	128.8	36.57	121.2	35.17	114.1	34.18	110.6	33.35	107.0	32.38	99.4	30.78
	0.0	-0.7	128.8	34.51	121.2	33.25	114.1	32.33	110.6	31.46	107.0	30.53	99.4	28.96
	3.0	2.2	128.8	32.43	121.2	31.32	114.1	30.46	110.6	29.55	107.0	28.69	99.4	27.15
	5.0	4.1	128.8	31.05	121.2	30.04	114.1	29.23	110.6	28.29	107.0	27.46	99.4	25.94
	7.0	6.0	128.8	29.67	121.2	28.76	114.1	27.98	110.6	27.03	107.0	26.23	99.4	24.73
	9.0	7.9	128.8	28.35	121.2	27.49	114.1	26.74	110.6	25.83	107.0	25.07	99.4	23.64
	11.0	9.8	128.8	27.05	121.2	26.21	114.1	25.50	110.6	24.63	107.0	23.90	99.4	22.54
	13.0	11.8	128.8	25.73	121.2	24.94	114.1	24.27	110.6	23.44	107.0	22.74	99.4	21.45
15.0	13.7	128.8	24.42	121.2	23.66	114.1	23.03	110.6	22.24	107.0	21.59	99.4	20.35	
80	-24.8	-25	72.3	35.44	72.3	36.40	71.8	37.07	71.8	37.39	71.8	38.98	71.0	37.40
	-21.8	-22	88.3	36.40	88.3	37.36	88.3	38.03	88.3	38.98	88.3	37.40	87.0	35.85
	-19.8	-20	93.8	37.04	93.8	37.99	93.8	38.98	93.8	37.86	93.1	36.33	88.8	34.82
	-18.8	-19	96.0	37.36	96.0	38.98	96.0	38.42	96.0	37.30	94.0	35.80	88.8	34.31
	-16.7	-17	100.0	38.98	100.0	37.82	100.0	37.23	98.2	36.12	95.5	34.68	88.8	33.23
	-13.7	-15	106.7	37.25	104.6	36.13	102.1	35.53	99.0	34.44	95.5	33.08	88.8	31.69
	-11.8	-13	109.3	36.15	106.1	35.06	102.1	34.45	99.0	33.38	95.5	32.07	88.8	30.72
	-9.8	-11	111.8	34.99	107.4	33.94	102.1	33.33	99.0	32.25	95.5	31.01	88.8	29.70
	-9.5	-10	112.6	34.82	108.1	33.77	102.1	33.16	99.0	32.08	95.5	30.85	88.8	29.54
	-8.5	-9.1	113.9	34.24	108.7	33.22	102.1	32.59	99.0	31.52	95.5	30.32	88.8	29.03
	-7.0	-7.6	115.3	33.37	108.7	32.38	102.1	31.74	99.0	30.68	95.5	29.52	88.8	28.25
	-5.0	-5.6	115.3	32.21	108.7	31.25	102.1	30.60	99.0	29.56	95.5	28.45	88.8	27.23
	-3.0	-3.7	115.3	31.05	108.7	30.13	102.1	29.48	99.0	28.44	95.5	27.39	88.8	26.20
	0.0	-0.7	115.3	29.32	108.7	28.46	102.1	27.78	99.0	26.75	95.5	25.80	88.8	24.67
	3.0	2.2	115.3	27.58	108.7	26.78	102.1	26.07	99.0	25.07	95.5	24.20	88.8	23.13
	5.0	4.1	115.3	26.43	108.7	25.66	102.1	24.95	99.0	23.94	95.5	23.14	88.8	22.10
	7.0	6.0	115.3	25.27	108.7	24.54	102.1	23.81	99.0	22.82	95.5	22.07	88.8	21.08
	9.0	7.9	115.3	23.73	108.7	23.04	102.1	22.36	99.0	21.43	95.5	20.73	88.8	19.79
	11.0	9.8	115.3	22.02	108.7	21.38	102.1	20.75	99.0	19.89	95.5	19.24	88.8	18.36
	13.0	11.8	115.3	20.55	108.7	19.96	102.1	19.37	99.0	18.56	95.5	17.95	88.8	17.14
15.0	13.7	115.3	19.36	108.7	18.79	102.1	18.23	99.0	17.47	95.5	16.91	88.8	16.14	

7. Capacity Tables

Heating Capacity (40HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	72.3	35.96	72.3	36.28	71.8	36.93	71.8	37.88	71.8	36.15	71.0	34.52
	-21.8	-22	86.2	36.93	86.5	37.24	85.9	37.88	83.9	36.15	81.4	34.52	76.0	32.94
	-19.8	-20	93.5	37.56	91.2	37.88	86.9	36.67	83.9	34.99	81.4	33.43	76.0	31.89
	-18.8	-19	95.4	37.88	92.1	37.25	86.9	36.06	83.9	34.41	81.4	32.89	76.0	31.36
	-16.7	-17	97.5	36.59	92.3	35.95	86.9	34.78	83.9	33.20	81.4	31.75	76.0	30.25
	-13.7	-15	97.8	34.75	92.3	34.07	86.9	32.97	83.9	31.46	81.4	30.13	76.0	28.67
	-11.8	-13	97.8	33.57	92.3	32.87	86.9	31.82	83.9	30.36	81.4	29.10	76.0	27.67
	-9.8	-11	97.8	32.34	92.3	31.63	86.9	30.60	83.9	29.21	81.4	28.01	76.0	26.62
	-9.5	-10	97.8	32.15	92.3	31.44	86.9	30.42	83.9	29.03	81.4	27.85	76.0	26.47
	-8.5	-9.1	97.8	31.54	92.3	30.82	86.9	29.81	83.9	28.45	81.4	27.31	76.0	25.93
	-7.0	-7.6	97.8	30.62	92.3	29.87	86.9	28.90	83.9	27.58	81.4	26.49	76.0	25.14
	-5.0	-5.6	97.8	29.39	92.3	28.62	86.9	27.69	83.9	26.43	81.4	25.41	76.0	24.09
	-3.0	-3.7	97.8	28.16	92.3	27.38	86.9	26.48	83.9	25.28	81.4	24.33	76.0	23.04
	0.0	-0.7	97.8	26.31	92.3	25.50	86.9	24.66	83.9	23.54	81.4	22.70	76.0	21.46
	3.0	2.2	97.8	24.47	92.3	23.62	86.9	22.84	83.9	21.81	81.4	21.07	76.0	19.88
	5.0	4.1	97.8	23.23	92.3	22.37	86.9	21.63	83.9	20.64	81.4	19.99	76.0	18.83
	7.0	6.0	97.8	22.01	92.3	21.12	86.9	20.42	83.9	19.49	81.4	18.90	76.0	17.77
	9.0	7.9	97.8	19.87	92.3	19.08	86.9	18.43	83.9	17.60	81.4	17.07	76.0	16.05
	11.0	9.8	97.8	18.50	92.3	17.75	86.9	17.17	83.9	16.39	81.4	15.90	76.0	14.94
	13.0	11.8	97.8	17.31	92.3	16.61	86.9	16.06	83.9	15.33	81.4	14.87	76.0	13.98
15.0	13.7	97.8	16.32	92.3	15.66	86.9	15.14	83.9	14.46	81.4	14.02	76.0	13.18	
60	-24.8	-25	72.3	35.33	72.3	35.96	71.8	36.93	70.7	35.09	69.2	33.35	65.1	31.72
	-21.8	-22	79.2	36.28	79.4	36.93	74.5	35.09	72.0	33.35	69.5	31.72	65.1	30.15
	-19.8	-20	83.9	36.93	79.4	35.62	74.5	33.86	72.0	32.21	69.5	30.64	65.1	29.08
	-18.8	-19	83.9	36.28	79.4	34.98	74.5	33.25	72.0	31.63	69.5	30.09	65.1	28.56
	-16.7	-17	83.9	34.91	79.4	33.63	74.5	31.96	72.0	30.41	69.5	28.95	65.1	27.45
	-13.7	-15	83.9	32.96	79.4	31.68	74.5	30.12	72.0	28.69	69.5	27.32	65.1	25.87
	-11.8	-13	83.9	31.72	79.4	30.45	74.5	28.95	72.0	27.59	69.5	26.28	65.1	24.86
	-9.8	-11	83.9	30.43	79.4	29.16	74.5	27.73	72.0	26.44	69.5	25.20	65.1	23.81
	-9.5	-10	83.9	30.23	79.4	28.96	74.5	27.55	72.0	26.27	69.5	25.04	65.1	23.65
	-8.5	-9.1	83.9	29.58	79.4	28.32	74.5	26.93	72.0	25.69	69.5	24.50	65.1	23.12
	-7.0	-7.6	83.9	28.61	79.4	27.34	74.5	26.02	72.0	24.83	69.5	23.68	65.1	22.33
	-5.0	-5.6	83.9	27.32	79.4	26.05	74.5	24.79	72.0	23.67	69.5	22.60	65.1	21.28
	-3.0	-3.7	83.9	26.02	79.4	24.76	74.5	23.56	72.0	22.51	69.5	21.50	65.1	20.22
	0.0	-0.7	83.9	24.06	79.4	22.81	74.5	21.73	72.0	20.79	69.5	19.87	65.1	18.64
	3.0	2.2	83.9	22.11	79.4	20.87	74.5	19.89	72.0	19.06	69.5	18.24	65.1	17.06
	5.0	4.1	83.9	20.82	79.4	19.58	74.5	18.66	72.0	17.90	69.5	17.16	65.1	16.00
	7.0	6.0	83.9	19.52	79.4	18.28	74.5	17.44	72.0	16.76	69.5	16.08	65.1	14.94
	9.0	7.9	83.9	17.42	79.4	16.31	74.5	15.55	72.0	14.95	69.5	14.34	65.1	13.33
	11.0	9.8	83.9	16.26	79.4	15.23	74.5	14.52	72.0	13.96	69.5	13.39	65.1	12.45
	13.0	11.8	83.9	15.23	79.4	14.27	74.5	13.61	72.0	13.08	69.5	12.54	65.1	11.66
15.0	13.7	83.9	14.39	79.4	13.48	74.5	12.85	72.0	12.35	69.5	11.86	65.1	11.03	
50	-24.8	-25	70.0	31.40	66.0	32.37	62.1	30.70	60.1	29.15	58.1	27.67	54.1	26.29
	-21.8	-22	70.0	32.37	66.0	30.70	62.1	29.15	60.1	27.67	58.1	26.29	54.1	24.96
	-19.8	-20	70.0	31.21	66.0	29.60	62.1	28.11	60.1	26.68	58.1	25.38	54.1	24.08
	-18.8	-19	70.0	30.63	66.0	29.04	62.1	27.58	60.1	26.19	58.1	24.91	54.1	23.63
	-16.7	-17	70.0	29.42	66.0	27.87	62.1	26.50	60.1	25.16	58.1	23.95	54.1	22.71
	-13.7	-15	70.0	27.69	66.0	26.21	62.1	24.94	60.1	23.68	58.1	22.57	54.1	21.37
	-11.8	-13	70.0	26.59	66.0	25.16	62.1	23.96	60.1	22.75	58.1	21.70	54.1	20.53
	-9.8	-11	70.0	25.44	66.0	24.05	62.1	22.92	60.1	21.76	58.1	20.79	54.1	19.64
	-9.5	-10	70.0	25.27	66.0	23.89	62.1	22.76	60.1	21.61	58.1	20.64	54.1	19.51
	-8.5	-9.1	70.0	24.69	66.0	23.33	62.1	22.25	60.1	21.12	58.1	20.19	54.1	19.07
	-7.0	-7.6	70.0	23.83	66.0	22.50	62.1	21.46	60.1	20.38	58.1	19.50	54.1	18.40
	-5.0	-5.6	70.0	22.68	66.0	21.39	62.1	20.42	60.1	19.40	58.1	18.58	54.1	17.51
	-3.0	-3.7	70.0	21.51	66.0	20.29	62.1	19.39	60.1	18.42	58.1	17.66	54.1	16.63
	0.0	-0.7	70.0	19.79	66.0	18.62	62.1	17.83	60.1	16.93	58.1	16.29	54.1	15.29
	3.0	2.2	70.0	18.05	66.0	16.96	62.1	16.27	60.1	15.46	58.1	14.91	54.1	13.97
	5.0	4.1	70.0	16.90	66.0	15.86	62.1	15.23	60.1	14.47	58.1	13.99	54.1	13.09
	7.0	6.0	70.0	15.75	66.0	14.74	62.1	14.21	60.1	13.49	58.1	13.07	54.1	12.19
	9.0	7.9	70.0	14.22	66.0	13.31	62.1	12.82	60.1	12.19	58.1	11.81	54.1	11.01
	11.0	9.8	70.0	13.30	66.0	12.45	62.1	12.00	60.1	11.40	58.1	11.05	54.1	10.30
	13.0	11.8	70.0	12.49	66.0	11.69	62.1	11.26	60.1	10.70	58.1	10.37	54.1	9.67
15.0	13.7	70.0	11.82	66.0	11.06	62.1	10.66	60.1	10.13	58.1	9.82	54.1	9.16	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM420BTE5

Heating Capacity (42HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	82.7	42.89	82.7	43.21	82.1	43.49	82.1	43.92	82.1	44.32	80.6	44.96
	-21.8	-22	100.2	43.53	100.2	43.85	99.5	44.13	99.5	44.55	99.5	44.96	97.6	45.60
	-19.8	-20	105.5	43.96	105.5	44.27	104.8	44.55	104.8	44.98	104.8	45.39	102.8	46.02
	-18.8	-19	107.8	44.17	107.8	44.49	107.1	44.77	107.1	45.20	107.1	45.60	105.0	46.24
	-16.7	-17	112.5	44.62	112.5	44.94	111.7	45.22	111.7	45.65	111.7	46.05	109.6	46.69
	-13.7	-15	119.2	45.26	119.2	45.57	118.4	45.85	118.4	46.28	118.4	46.69	116.2	44.90
	-11.8	-13	123.0	45.66	123.0	45.99	122.3	46.27	122.3	46.69	122.3	46.69	120.3	43.76
	-9.8	-11	127.1	46.10	127.1	46.41	126.4	46.69	126.4	45.40	126.4	44.22	124.7	42.56
	-9.5	-10	127.8	46.16	127.8	46.47	127.1	46.49	127.1	45.20	126.9	44.02	125.4	42.39
	-8.5	-9.1	130.3	46.37	130.3	46.69	129.6	45.83	129.6	44.56	129.0	43.39	127.5	41.79
	-7.0	-7.6	134.0	46.69	134.0	45.72	133.2	44.84	133.2	43.59	133.2	42.43	130.8	40.89
	-5.0	-5.6	139.0	45.43	139.0	44.43	138.1	43.53	138.1	42.31	138.1	41.17	135.1	39.70
	-3.0	-3.7	143.9	44.18	143.9	43.13	143.0	42.20	143.0	41.02	143.0	39.89	139.5	38.51
	0.0	-0.7	151.3	42.29	151.3	41.20	150.3	40.22	150.3	39.08	150.3	37.98	146.1	36.71
	3.0	2.2	158.8	40.40	158.8	39.25	157.7	38.25	157.7	37.15	157.7	36.08	147.9	34.93
	5.0	4.1	163.6	39.14	163.6	37.96	162.7	36.92	162.7	35.86	158.9	34.81	147.9	33.73
	7.0	6.0	168.6	37.89	168.6	36.67	167.5	35.60	164.6	34.57	158.9	33.54	147.9	32.53
9.0	7.9	169.3	36.85	169.3	35.66	168.8	34.63	164.6	33.62	158.9	32.62	147.9	31.64	
11.0	9.8	169.3	36.14	169.3	34.97	168.8	33.95	164.6	32.97	158.9	31.98	147.9	31.02	
13.0	11.8	169.3	35.36	169.3	34.22	168.8	33.23	164.6	32.26	158.9	31.30	147.9	30.36	
15.0	13.7	169.3	34.53	169.3	33.42	168.8	32.45	164.6	31.50	158.9	30.56	147.9	29.65	
120	-24.8	-25	82.1	43.21	82.1	43.49	81.6	43.92	81.6	44.32	81.6	44.96	80.1	45.40
	-21.8	-22	99.5	43.85	99.5	44.13	98.8	44.55	98.8	44.96	98.8	45.60	97.0	46.05
	-19.8	-20	104.7	44.27	104.7	44.55	104.0	44.98	104.0	45.39	104.0	46.02	102.1	46.47
	-18.8	-19	106.9	44.49	106.9	44.77	106.2	45.20	106.2	45.60	106.2	46.24	104.3	46.69
	-16.7	-17	111.6	44.94	111.6	45.22	110.9	45.65	110.9	46.05	110.9	46.69	108.8	45.54
	-13.7	-15	118.3	45.57	118.3	45.85	117.6	46.28	117.6	46.69	117.6	44.97	115.3	43.89
	-11.8	-13	122.2	45.99	122.2	46.27	121.4	46.69	121.4	45.48	121.4	43.89	119.5	42.84
	-9.8	-11	126.2	46.41	126.2	46.69	125.5	45.35	125.5	44.19	125.5	42.74	123.8	41.75
	-9.5	-10	126.9	46.47	126.9	46.47	126.2	45.15	126.2	43.99	126.2	42.56	124.5	41.58
	-8.5	-9.1	129.4	46.69	129.4	45.77	128.6	44.48	128.6	43.36	128.4	42.00	126.6	41.03
	-7.0	-7.6	133.1	45.63	133.1	44.70	132.2	43.47	132.2	42.40	131.8	41.13	129.9	40.21
	-5.0	-5.6	138.0	44.21	138.0	43.28	137.2	42.13	137.2	41.12	137.2	39.98	134.2	39.11
	-3.0	-3.7	142.9	42.80	142.9	41.87	142.0	40.79	142.0	39.83	142.0	38.85	138.1	38.01
	0.0	-0.7	150.3	40.68	150.3	39.74	149.3	38.78	149.3	37.91	149.3	37.12	138.9	36.36
	3.0	2.2	157.6	38.56	157.6	37.61	156.6	36.77	154.3	36.00	149.5	35.40	138.9	34.72
	5.0	4.1	162.5	37.15	162.5	36.18	159.6	35.42	154.3	34.71	149.5	34.26	138.9	33.62
	7.0	6.0	167.4	35.73	166.2	34.77	159.6	34.08	154.3	33.43	149.5	33.12	138.9	32.52
9.0	7.9	168.0	34.67	166.2	33.74	159.6	33.07	154.3	32.44	149.5	32.13	138.9	31.56	
11.0	9.8	168.0	33.91	166.2	33.00	159.6	32.34	154.3	31.72	149.5	31.43	138.9	30.86	
13.0	11.8	168.0	33.09	166.2	32.19	159.6	31.56	154.3	30.96	149.5	30.66	138.9	30.12	
15.0	13.7	168.0	32.21	166.2	31.34	159.6	30.73	154.3	30.14	149.5	29.85	138.9	29.32	
110	-24.8	-25	81.7	43.49	81.7	43.92	81.2	44.32	81.2	44.96	81.2	45.40	79.6	45.62
	-21.8	-22	99.0	44.13	99.0	44.55	98.3	44.96	98.3	45.60	98.3	46.05	96.5	46.27
	-19.8	-20	104.2	44.55	104.2	44.98	103.5	45.39	103.5	46.02	103.5	46.47	101.5	46.69
	-18.8	-19	106.4	44.77	106.4	45.20	105.7	45.60	105.7	46.24	105.7	46.69	103.7	46.08
	-16.7	-17	111.0	45.22	111.0	45.65	110.3	46.05	110.3	46.69	110.3	45.44	108.2	44.80
	-13.7	-15	117.6	45.85	117.6	46.28	116.9	46.69	116.9	44.80	116.9	43.66	116.9	42.98
	-11.8	-13	121.5	46.27	121.5	46.69	120.7	45.35	120.7	43.61	120.7	42.53	120.7	41.82
	-9.8	-11	125.5	46.69	125.5	45.19	124.8	43.96	124.8	42.35	124.8	41.34	123.8	40.61
	-9.5	-10	126.2	46.44	126.2	44.96	125.5	43.75	125.5	42.16	125.5	41.17	125.0	40.43
	-8.5	-9.1	128.7	45.63	128.7	44.20	128.0	43.04	128.0	41.53	128.0	40.57	125.0	39.82
	-7.0	-7.6	132.4	44.41	132.4	43.07	131.5	41.99	131.5	40.58	131.5	39.68	125.0	38.91
	-5.0	-5.6	137.2	42.78	137.2	41.57	136.3	40.58	136.3	39.33	133.8	38.49	125.0	37.69
	-3.0	-3.7	142.1	41.16	142.1	40.06	141.3	39.18	138.6	38.07	133.8	37.31	125.0	36.48
	0.0	-0.7	149.4	38.72	149.4	37.80	143.2	37.08	138.6	36.17	133.8	35.53	125.0	34.65
	3.0	2.2	156.7	36.28	152.7	35.55	143.2	34.97	138.6	34.29	133.8	33.74	125.0	32.82
	5.0	4.1	161.5	34.65	152.7	34.03	143.2	33.57	138.6	33.03	133.8	32.55	125.0	31.62
	7.0	6.0	161.5	33.02	152.7	32.53	143.2	32.16	138.6	31.77	133.8	31.36	125.0	30.40
9.0	7.9	161.5	31.90	152.7	31.42	143.2	31.06	138.6	30.69	133.8	30.30	125.0	29.36	
11.0	9.8	161.5	31.05	152.7	30.58	143.2	30.24	138.6	29.87	133.8	29.49	125.0	28.58	
13.0	11.8	161.5	30.13	152.7	29.68	143.2	29.36	138.6	28.99	133.8	28.62	125.0	27.74	
15.0	13.7	161.5	29.17	152.7	28.73	143.2	28.41	138.6	28.06	133.8	27.70	125.0	26.85	

7. Capacity Tables

Heating Capacity (42HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	81.3	47.03	81.3	46.98	80.8	44.32	80.8	46.88	80.8	46.83	79.2	46.80
	-21.8	-22	98.5	46.96	98.5	46.91	97.9	45.71	97.9	46.81	97.9	47.25	96.0	46.74
	-19.8	-20	103.7	46.91	103.7	46.87	103.1	46.59	103.1	46.76	103.1	46.88	101.2	46.69
	-18.8	-19	105.9	46.89	105.3	46.85	105.3	46.81	105.3	46.73	105.3	46.69	103.2	45.95
	-16.7	-17	109.8	46.84	109.8	46.80	109.8	47.25	109.3	46.69	109.3	45.16	107.2	44.39
	-13.7	-15	117.1	46.78	117.1	46.73	116.4	46.69	116.4	44.46	116.4	42.97	114.2	42.16
	-11.8	-13	120.9	46.74	120.2	46.69	120.2	45.20	120.2	43.06	120.2	41.57	114.2	40.75
	-9.8	-11	124.8	46.69	124.8	45.02	124.3	43.63	124.3	41.57	122.6	40.12	114.2	39.26
	-9.5	-10	125.5	46.42	125.5	44.76	125.0	43.39	125.0	41.35	122.6	39.90	114.2	39.04
	-8.5	-9.1	128.0	45.55	128.0	43.93	127.4	42.60	126.8	40.61	122.6	39.17	114.2	38.30
	-7.0	-7.6	133.8	44.24	133.3	42.68	131.0	41.43	126.8	39.50	122.6	38.08	114.2	37.18
	-5.0	-5.6	139.7	42.49	138.3	41.00	131.0	39.85	126.8	38.01	122.6	36.61	114.2	35.70
	-3.0	-3.7	143.7	40.73	139.4	39.33	131.0	38.28	126.8	36.53	122.6	35.16	114.2	34.22
	0.0	-0.7	147.8	38.11	139.4	36.82	131.0	35.93	126.8	34.30	122.6	32.97	114.2	31.99
	3.0	2.2	147.8	35.48	139.4	34.31	131.0	33.57	126.8	32.08	122.6	30.77	114.2	29.76
	5.0	4.1	147.8	33.72	139.4	32.64	131.0	32.00	126.8	30.60	122.6	29.32	114.2	28.27
	7.0	6.0	147.8	31.98	139.4	30.97	131.0	30.43	126.8	29.11	122.6	27.85	114.2	26.79
	9.0	7.9	147.8	30.59	139.4	29.63	131.0	29.12	126.8	27.86	122.6	26.65	114.2	25.63
	11.0	9.8	147.8	29.46	139.4	28.54	131.0	28.05	126.8	26.83	122.6	25.66	114.2	24.69
	13.0	11.8	147.8	28.26	139.4	27.38	131.0	26.90	126.8	25.74	122.6	24.63	114.2	23.68
15.0	13.7	147.8	27.01	139.4	26.16	131.0	25.71	126.8	24.58	122.6	23.53	114.2	22.62	
90	-24.8	-25	81.0	42.43	81.0	43.07	80.5	43.52	80.5	43.74	80.5	44.16	79.0	44.80
	-21.8	-22	98.1	43.07	98.1	43.71	97.5	44.16	97.5	44.37	97.5	44.80	95.6	42.87
	-19.8	-20	103.3	43.49	103.3	44.14	102.6	44.59	102.6	44.80	102.6	43.48	100.7	41.58
	-18.8	-19	105.9	43.71	105.3	44.35	104.8	44.80	104.8	44.12	104.8	42.82	102.8	40.94
	-16.7	-17	109.8	44.16	109.8	44.80	109.4	43.40	109.4	42.70	109.4	41.44	104.4	39.59
	-13.7	-15	117.1	44.80	117.1	42.71	116.0	41.39	116.0	40.66	112.5	39.46	104.4	37.67
	-11.8	-13	120.9	43.37	120.2	41.39	119.7	40.12	116.2	39.37	112.5	38.21	104.4	36.44
	-9.8	-11	124.8	41.86	124.8	40.01	119.9	38.78	116.2	38.01	112.5	36.89	104.4	35.16
	-9.5	-10	125.5	41.64	125.5	39.79	119.9	38.59	116.2	37.81	112.5	36.70	104.4	34.96
	-8.5	-9.1	128.0	40.88	127.1	39.09	119.9	37.91	116.2	37.13	112.5	36.04	104.4	34.32
	-7.0	-7.6	133.8	39.76	127.3	38.05	119.9	36.91	116.2	36.12	112.5	35.05	104.4	33.35
	-5.0	-5.6	135.3	38.26	127.3	36.66	119.9	35.57	116.2	34.76	112.5	33.73	104.4	32.07
	-3.0	-3.7	135.3	36.74	127.3	35.27	119.9	34.24	116.2	33.40	112.5	32.41	104.4	30.79
	0.0	-0.7	135.3	34.49	127.3	33.19	119.9	32.24	116.2	31.37	112.5	30.43	104.4	28.85
	3.0	2.2	135.3	32.23	127.3	31.10	119.9	30.23	116.2	29.33	112.5	28.47	104.4	26.93
	5.0	4.1	135.3	30.72	127.3	29.71	119.9	28.90	116.2	27.97	112.5	27.15	104.4	25.64
	7.0	6.0	135.3	29.22	127.3	28.32	119.9	27.56	116.2	26.62	112.5	25.83	104.4	24.35
	9.0	7.9	135.3	27.80	127.3	26.95	119.9	26.22	116.2	25.33	112.5	24.58	104.4	23.17
	11.0	9.8	135.3	26.39	127.3	25.58	119.9	24.88	116.2	24.04	112.5	23.32	104.4	21.99
	13.0	11.8	135.3	24.97	127.3	24.20	119.9	23.55	116.2	22.74	112.5	22.07	104.4	20.81
15.0	13.7	135.3	23.55	127.3	22.83	119.9	22.21	116.2	21.45	112.5	20.82	104.4	19.63	
80	-24.8	-25	80.6	37.36	80.6	37.99	80.1	38.44	80.1	38.66	80.1	39.72	78.6	38.03
	-21.8	-22	97.1	37.99	97.1	38.64	97.1	39.09	97.1	39.72	97.1	38.03	93.3	36.40
	-19.8	-20	102.2	38.42	102.2	39.06	102.2	39.72	102.2	38.52	100.3	36.90	93.3	35.31
	-18.8	-19	104.4	38.64	104.4	39.72	104.4	39.11	103.9	37.93	100.3	36.33	93.3	34.77
	-16.7	-17	107.2	39.72	107.2	38.46	107.2	37.84	104.0	36.67	100.3	35.15	93.3	33.62
	-13.7	-15	112.1	37.85	109.9	36.65	107.2	36.02	104.0	34.87	100.3	33.45	93.3	31.99
	-11.8	-13	115.2	36.66	111.8	35.50	107.2	34.86	104.0	33.74	100.3	32.37	93.3	30.96
	-9.8	-11	118.2	35.40	113.2	34.29	107.2	33.66	104.0	32.54	100.3	31.24	93.3	29.88
	-9.5	-10	119.0	35.22	113.9	34.11	107.2	33.47	104.0	32.36	100.3	31.07	93.3	29.72
	-8.5	-9.1	120.1	34.59	114.2	33.51	107.2	32.86	104.0	31.76	100.3	30.51	93.3	29.18
	-7.0	-7.6	121.1	33.65	114.2	32.61	107.2	31.95	104.0	30.87	100.3	29.65	93.3	28.36
	-5.0	-5.6	121.1	32.40	114.2	31.40	107.2	30.73	104.0	29.67	100.3	28.52	93.3	27.27
	-3.0	-3.7	121.1	31.14	114.2	30.19	107.2	29.53	104.0	28.47	100.3	27.39	93.3	26.18
	0.0	-0.7	121.1	29.27	114.2	28.39	107.2	27.70	104.0	26.66	100.3	25.70	93.3	24.56
	3.0	2.2	121.1	27.39	114.2	26.58	107.2	25.87	104.0	24.87	100.3	24.00	93.3	22.93
	5.0	4.1	121.1	26.14	114.2	25.37	107.2	24.67	104.0	23.67	100.3	22.87	93.3	21.84
	7.0	6.0	121.1	24.89	114.2	24.17	107.2	23.45	104.0	22.47	100.3	21.74	93.3	20.76
	9.0	7.9	121.1	23.37	114.2	22.69	107.2	22.02	104.0	21.10	100.3	20.41	93.3	19.49
	11.0	9.8	121.1	21.69	114.2	21.05	107.2	20.43	104.0	19.59	100.3	18.95	93.3	18.09
	13.0	11.8	121.1	20.24	114.2	19.65	107.2	19.08	104.0	18.28	100.3	17.68	93.3	16.88
15.0	13.7	121.1	19.06	114.2	18.51	107.2	17.96	104.0	17.21	100.3	16.65	93.3	15.90	

7. Capacity Tables

Heating Capacity (42HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	80.6	37.51	80.6	37.73	80.1	38.16	80.1	38.79	80.1	36.95	77.7	35.22
	-21.8	-22	91.9	38.16	91.9	38.36	91.3	38.79	88.2	36.95	85.5	35.22	79.8	33.54
	-19.8	-20	99.3	38.58	97.0	38.79	91.3	37.50	88.2	35.72	85.5	34.06	79.8	32.43
	-18.8	-19	101.5	38.79	97.0	38.12	91.3	36.84	88.2	35.10	85.5	33.49	79.8	31.88
	-16.7	-17	102.8	37.41	97.0	36.72	91.3	35.48	88.2	33.80	85.5	32.28	79.8	30.71
	-13.7	-15	102.8	35.41	97.0	34.70	91.3	33.54	88.2	31.95	85.5	30.55	79.8	29.03
	-11.8	-13	102.8	34.15	97.0	33.42	91.3	32.31	88.2	30.78	85.5	29.45	79.8	27.97
	-9.8	-11	102.8	32.82	97.0	32.08	91.3	31.00	88.2	29.55	85.5	28.30	79.8	26.86
	-9.5	-10	102.8	32.62	97.0	31.88	91.3	30.81	88.2	29.36	85.5	28.13	79.8	26.70
	-8.5	-9.1	102.8	31.96	97.0	31.21	91.3	30.16	88.2	28.74	85.5	27.55	79.8	26.13
	-7.0	-7.6	102.8	30.96	97.0	30.20	91.3	29.18	88.2	27.82	85.5	26.68	79.8	25.30
	-5.0	-5.6	102.8	29.64	97.0	28.85	91.3	27.89	88.2	26.59	85.5	25.53	79.8	24.19
	-3.0	-3.7	102.8	28.31	97.0	27.52	91.3	26.59	88.2	25.36	85.5	24.38	79.8	23.08
	0.0	-0.7	102.8	26.32	97.0	25.50	91.3	24.65	88.2	23.51	85.5	22.65	79.8	21.40
	3.0	2.2	102.8	24.32	97.0	23.49	91.3	22.70	88.2	21.66	85.5	20.92	79.8	19.73
	5.0	4.1	102.8	22.99	97.0	22.14	91.3	21.40	88.2	20.42	85.5	19.77	79.8	18.62
	7.0	6.0	102.8	21.67	97.0	20.80	91.3	20.11	88.2	19.19	85.5	18.61	79.8	17.50
	9.0	7.9	102.8	19.57	97.0	18.79	91.3	18.15	88.2	17.33	85.5	16.81	79.8	15.80
11.0	9.8	102.8	18.22	97.0	17.48	91.3	16.91	88.2	16.14	85.5	15.65	79.8	14.71	
13.0	11.8	102.8	17.04	97.0	16.36	91.3	15.82	88.2	15.10	85.5	14.64	79.8	13.76	
15.0	13.7	102.8	16.08	97.0	15.43	91.3	14.91	88.2	14.24	85.5	13.81	79.8	12.98	
60	-24.8	-25	78.4	37.09	78.4	37.51	77.9	38.16	75.6	36.18	73.0	34.32	68.4	32.57
	-21.8	-22	84.2	37.73	83.4	38.16	78.3	36.18	75.6	34.32	73.0	32.57	68.4	30.89
	-19.8	-20	88.2	38.16	83.4	36.75	78.3	34.85	75.6	33.09	73.0	31.41	68.4	29.76
	-18.8	-19	88.2	37.45	83.4	36.06	78.3	34.19	75.6	32.47	73.0	30.83	68.4	29.21
	-16.7	-17	88.2	35.97	83.4	34.59	78.3	32.81	75.6	31.16	73.0	29.60	68.4	28.02
	-13.7	-15	88.2	33.85	83.4	32.49	78.3	30.83	75.6	29.31	73.0	27.86	68.4	26.34
	-11.8	-13	88.2	32.50	83.4	31.16	78.3	29.57	75.6	28.13	73.0	26.75	68.4	25.27
	-9.8	-11	88.2	31.09	83.4	29.76	78.3	28.26	75.6	26.89	73.0	25.60	68.4	24.15
	-9.5	-10	88.2	30.88	83.4	29.55	78.3	28.06	75.6	26.71	73.0	25.42	68.4	23.98
	-8.5	-9.1	88.2	30.17	83.4	28.85	78.3	27.39	75.6	26.09	73.0	24.84	68.4	23.42
	-7.0	-7.6	88.2	29.11	83.4	27.80	78.3	26.41	75.6	25.16	73.0	23.97	68.4	22.58
	-5.0	-5.6	88.2	27.70	83.4	26.40	78.3	25.09	75.6	23.92	73.0	22.81	68.4	21.46
	-3.0	-3.7	88.2	26.29	83.4	25.00	78.3	23.76	75.6	22.68	73.0	21.64	68.4	20.33
	0.0	-0.7	88.2	24.17	83.4	22.90	78.3	21.79	75.6	20.83	73.0	19.89	68.4	18.64
	3.0	2.2	88.2	22.05	83.4	20.80	78.3	19.81	75.6	18.97	73.0	18.15	68.4	16.97
	5.0	4.1	88.2	20.64	83.4	19.40	78.3	18.48	75.6	17.73	73.0	16.99	68.4	15.84
	7.0	6.0	88.2	19.23	83.4	18.00	78.3	17.17	75.6	16.50	73.0	15.83	68.4	14.71
	9.0	7.9	88.2	17.15	83.4	16.06	78.3	15.31	75.6	14.72	73.0	14.12	68.4	13.13
11.0	9.8	88.2	16.01	83.4	15.00	78.3	14.30	75.6	13.75	73.0	13.19	68.4	12.26	
13.0	11.8	88.2	15.00	83.4	14.06	78.3	13.40	75.6	12.88	73.0	12.35	68.4	11.48	
15.0	13.7	88.2	14.17	83.4	13.28	78.3	12.66	75.6	12.17	73.0	11.68	68.4	10.86	
50	-24.8	-25	73.5	32.33	69.3	32.98	65.2	31.24	63.1	29.61	61.0	28.07	56.8	26.64
	-21.8	-22	73.5	32.98	69.3	31.24	65.2	29.61	63.1	28.07	61.0	26.64	56.8	25.25
	-19.8	-20	73.5	31.76	69.3	30.08	65.2	28.53	63.1	27.04	61.0	25.68	56.8	24.34
	-18.8	-19	73.5	31.15	69.3	29.50	65.2	27.98	63.1	26.52	61.0	25.20	56.8	23.87
	-16.7	-17	73.5	29.88	69.3	28.27	65.2	26.84	63.1	25.45	61.0	24.20	56.8	22.91
	-13.7	-15	73.5	28.06	69.3	26.53	65.2	25.21	63.1	23.91	61.0	22.76	56.8	21.53
	-11.8	-13	73.5	26.91	69.3	25.43	65.2	24.19	63.1	22.94	61.0	21.86	56.8	20.66
	-9.8	-11	73.5	25.70	69.3	24.27	65.2	23.10	63.1	21.91	61.0	20.90	56.8	19.73
	-9.5	-10	73.5	25.51	69.3	24.10	65.2	22.93	63.1	21.75	61.0	20.76	56.8	19.60
	-8.5	-9.1	73.5	24.91	69.3	23.51	65.2	22.40	63.1	21.24	61.0	20.28	56.8	19.14
	-7.0	-7.6	73.5	24.00	69.3	22.64	65.2	21.58	63.1	20.47	61.0	19.57	56.8	18.45
	-5.0	-5.6	73.5	22.79	69.3	21.49	65.2	20.49	63.1	19.45	61.0	18.60	56.8	17.53
	-3.0	-3.7	73.5	21.57	69.3	20.33	65.2	19.41	63.1	18.42	61.0	17.65	56.8	16.61
	0.0	-0.7	73.5	19.75	69.3	18.58	65.2	17.78	63.1	16.87	61.0	16.22	56.8	15.23
	3.0	2.2	73.5	17.93	69.3	16.84	65.2	16.15	63.1	15.33	61.0	14.79	56.8	13.85
	5.0	4.1	73.5	16.72	69.3	15.68	65.2	15.07	63.1	14.31	61.0	13.83	56.8	12.93
	7.0	6.0	73.5	15.51	69.3	14.52	65.2	13.99	63.1	13.29	61.0	12.87	56.8	12.01
	9.0	7.9	73.5	14.01	69.3	13.11	65.2	12.62	63.1	12.00	61.0	11.63	56.8	10.85
11.0	9.8	73.5	13.10	69.3	12.27	65.2	11.82	63.1	11.22	61.0	10.88	56.8	10.15	
13.0	11.8	73.5	12.30	69.3	11.52	65.2	11.09	63.1	10.54	61.0	10.21	56.8	9.53	
15.0	13.7	73.5	11.64	69.3	10.90	65.2	10.50	63.1	9.98	61.0	9.67	56.8	9.02	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM440BTE5

Heating Capacity (44HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	84.9	45.18	84.9	45.44	84.3	45.68	84.3	46.04	84.3	46.38	82.8	46.91
	-21.8	-22	104.0	45.71	104.0	45.99	103.3	46.22	103.3	46.57	103.3	46.91	101.3	47.46
	-19.8	-20	110.1	46.08	110.1	46.34	109.3	46.57	109.3	46.94	109.3	47.28	107.3	47.81
	-18.8	-19	112.5	46.25	112.5	46.52	111.8	46.76	111.8	47.12	111.8	47.46	109.6	48.00
	-16.7	-17	117.6	46.63	117.6	46.90	116.9	47.13	116.9	47.50	116.9	47.84	114.7	48.37
	-13.7	-15	124.9	47.17	124.9	47.44	124.2	47.67	124.2	48.03	124.2	48.37	121.8	46.62
	-11.8	-13	129.0	47.51	129.0	47.79	128.2	48.02	128.2	48.37	128.2	47.20	126.3	45.50
	-9.8	-11	133.2	47.88	133.2	48.14	132.5	48.37	132.5	47.13	132.5	45.97	131.0	44.33
	-9.5	-10	134.0	47.93	134.0	48.19	133.2	48.18	133.2	46.94	133.1	45.78	131.7	44.16
	-8.5	-9.1	136.6	48.11	136.6	48.37	135.8	47.56	135.8	46.32	135.2	45.16	134.1	43.57
	-7.0	-7.6	140.5	48.37	140.5	47.46	139.6	46.61	139.6	45.38	139.6	44.22	137.6	42.69
	-5.0	-5.6	145.6	47.20	145.6	46.23	144.7	45.34	144.7	44.14	144.7	42.99	142.3	41.52
	-3.0	-3.7	150.8	46.04	150.8	45.00	149.9	44.07	149.9	42.89	149.9	41.75	147.0	40.35
	0.0	-0.7	158.5	44.27	158.5	43.17	157.5	42.17	157.5	41.01	157.5	39.89	154.2	38.59
	3.0	2.2	166.3	42.51	166.3	41.32	165.2	40.28	165.2	39.14	165.2	38.03	155.0	36.84
	5.0	4.1	171.4	41.34	171.4	40.09	170.4	39.01	170.4	37.89	166.5	36.79	155.0	35.66
	7.0	6.0	176.5	40.16	176.5	38.88	175.4	37.74	172.6	36.65	166.5	35.56	155.0	34.49
	9.0	7.9	177.4	39.21	177.4	37.95	176.9	36.84	172.6	35.77	166.5	34.71	155.0	33.66
	11.0	9.8	177.4	38.60	177.4	37.36	176.9	36.27	172.6	35.21	166.5	34.16	155.0	33.14
	13.0	11.8	177.4	37.93	177.4	36.71	176.9	35.65	172.6	34.61	166.5	33.58	155.0	32.57
15.0	13.7	177.4	37.22	177.4	36.01	176.9	34.97	172.6	33.95	166.5	32.94	155.0	31.95	
120	-24.8	-25	84.3	45.44	84.3	45.68	83.7	46.04	83.7	46.38	83.7	46.91	82.2	47.29
	-21.8	-22	103.3	45.99	103.3	46.22	102.6	46.57	102.6	46.91	102.6	47.46	100.7	47.84
	-19.8	-20	109.3	46.34	109.3	46.57	108.6	46.94	108.6	47.28	108.6	47.81	106.5	48.19
	-18.8	-19	111.7	46.52	111.7	46.76	111.0	47.12	111.0	47.46	111.0	48.00	108.9	48.37
	-16.7	-17	116.8	46.90	116.8	47.13	116.0	47.50	116.0	47.84	116.0	48.37	113.8	47.25
	-13.7	-15	124.0	47.44	124.0	47.67	123.3	48.03	123.3	48.37	123.3	46.70	120.9	45.63
	-11.8	-13	128.1	47.79	128.1	48.02	127.3	48.37	127.3	47.19	127.3	45.64	125.4	44.60
	-9.8	-11	132.3	48.14	132.3	48.37	131.5	47.08	131.5	45.94	131.5	44.52	130.1	43.53
	-9.5	-10	133.1	48.19	133.1	48.17	132.3	46.88	132.3	45.75	132.3	44.34	130.8	43.36
	-8.5	-9.1	135.6	48.37	135.6	47.49	134.8	46.23	134.8	45.12	134.8	43.79	133.1	42.83
	-7.0	-7.6	139.5	47.37	139.5	46.45	138.6	45.25	138.6	44.19	138.6	42.94	136.6	42.02
	-5.0	-5.6	144.7	46.01	144.7	45.09	143.7	43.95	143.7	42.94	143.7	41.82	141.4	40.94
	-3.0	-3.7	149.7	44.65	149.7	43.72	148.8	42.65	148.8	41.69	148.8	40.71	145.6	39.87
	0.0	-0.7	157.4	42.62	157.4	41.66	156.4	40.69	156.4	39.81	156.4	39.02	145.6	38.24
	3.0	2.2	165.1	40.59	165.1	39.60	164.1	38.74	161.7	37.94	156.7	37.34	145.6	36.63
	5.0	4.1	170.2	39.24	170.2	38.23	167.3	37.43	161.7	36.69	156.7	36.22	145.6	35.56
	7.0	6.0	175.4	37.88	174.2	36.86	167.3	36.13	161.7	35.44	156.7	35.11	145.6	34.48
	9.0	7.9	176.1	36.88	174.2	35.89	167.3	35.18	161.7	34.51	156.7	34.18	145.6	33.57
	11.0	9.8	176.1	36.20	174.2	35.23	167.3	34.53	161.7	33.87	156.7	33.55	145.6	32.95
	13.0	11.8	176.1	35.48	174.2	34.51	167.3	33.83	161.7	33.19	156.7	32.87	145.6	32.29
15.0	13.7	176.1	34.68	174.2	33.75	167.3	33.09	161.7	32.45	156.7	32.14	145.6	31.57	
110	-24.8	-25	83.9	45.68	83.9	46.04	83.3	46.38	83.3	46.91	83.3	47.29	81.7	47.47
	-21.8	-22	102.7	46.22	102.7	46.57	102.0	46.91	102.0	47.46	102.0	47.84	100.1	48.02
	-19.8	-20	108.7	46.57	108.7	46.94	108.0	47.28	108.0	47.81	108.0	48.19	105.9	48.37
	-18.8	-19	111.1	46.76	111.1	47.12	110.4	47.46	110.4	48.00	110.4	48.37	108.3	47.77
	-16.7	-17	116.2	47.13	116.2	47.50	115.4	47.84	115.4	48.37	115.4	47.15	113.2	46.51
	-13.7	-15	123.3	47.67	123.3	48.03	122.5	48.37	122.5	46.52	122.5	45.38	122.5	44.70
	-11.8	-13	127.3	48.02	127.3	48.37	126.6	47.06	126.6	45.34	126.6	44.27	126.6	43.55
	-9.8	-11	131.6	48.37	131.6	46.90	130.8	45.69	130.8	44.10	130.8	43.10	130.1	42.35
	-9.5	-10	132.3	48.13	132.3	46.68	131.6	45.48	131.6	43.91	131.6	42.93	131.0	42.17
	-8.5	-9.1	134.9	47.34	134.9	45.94	134.1	44.79	134.1	43.29	134.1	42.34	131.0	41.56
	-7.0	-7.6	138.8	46.15	138.8	44.83	137.9	43.76	137.9	42.36	137.9	41.46	131.0	40.66
	-5.0	-5.6	143.8	44.55	143.8	43.36	142.9	42.37	142.9	41.13	140.3	40.28	131.0	39.45
	-3.0	-3.7	148.9	42.96	148.9	41.87	148.0	40.99	145.2	39.88	140.3	39.12	131.0	38.26
	0.0	-0.7	156.5	40.58	156.5	39.66	150.1	38.93	145.2	38.02	140.3	37.36	131.0	36.44
	3.0	2.2	164.1	38.19	160.0	37.44	150.1	36.86	145.2	36.17	140.3	35.60	131.0	34.63
	5.0	4.1	169.3	36.60	160.0	35.96	150.1	35.48	145.2	34.92	140.3	34.42	131.0	33.43
	7.0	6.0	169.3	35.01	160.0	34.49	150.1	34.10	145.2	33.68	140.3	33.25	131.0	32.23
	9.0	7.9	169.3	33.93	160.0	33.42	150.1	33.04	145.2	32.64	140.3	32.23	131.0	31.23
	11.0	9.8	169.3	33.14	160.0	32.64	150.1	32.28	145.2	31.88	140.3	31.48	131.0	30.51
	13.0	11.8	169.3	32.30	160.0	31.81	150.1	31.46	145.2	31.07	140.3	30.67	131.0	29.73
15.0	13.7	169.3	31.40	160.0	30.93	150.1	30.58	145.2	30.21	140.3	29.82	131.0	28.90	

7. Capacity Tables

Heating Capacity (44HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	83.5	50.39	83.5	50.12	83.0	46.50	83.0	49.47	83.0	49.18	81.3	49.04
	-21.8	-22	102.2	49.98	102.2	49.71	101.6	47.97	101.6	49.06	101.6	49.44	99.6	48.65
	-19.8	-20	108.2	49.71	108.2	49.45	107.6	48.88	107.6	48.79	107.6	48.73	105.5	48.37
	-18.8	-19	110.6	49.58	110.0	49.32	110.0	49.06	110.0	48.66	110.0	48.37	107.8	47.63
	-16.7	-17	114.9	49.30	114.9	49.03	114.9	49.44	114.3	48.37	114.3	46.85	112.1	46.07
	-13.7	-15	122.7	48.90	122.7	48.63	122.0	48.37	122.0	46.16	122.0	44.65	119.7	43.83
	-11.8	-13	126.7	48.65	126.0	48.37	126.0	46.90	126.0	44.76	126.0	43.26	119.7	42.41
	-9.8	-11	130.9	48.37	130.9	46.73	130.3	45.34	130.3	43.27	128.5	41.80	119.7	40.92
	-9.5	-10	131.6	48.12	131.6	46.47	131.0	45.11	131.0	43.06	128.5	41.58	119.7	40.70
	-8.5	-9.1	134.2	47.25	134.2	45.64	133.6	44.33	132.9	42.32	128.5	40.85	119.7	39.95
	-7.0	-7.6	140.3	45.97	139.7	44.41	137.3	43.17	132.9	41.21	128.5	39.76	119.7	38.83
	-5.0	-5.6	146.4	44.24	144.9	42.75	137.3	41.60	132.9	39.73	128.5	38.29	119.7	37.34
	-3.0	-3.7	150.6	42.51	146.1	41.10	137.3	40.04	132.9	38.26	128.5	36.84	119.7	35.86
	0.0	-0.7	154.9	39.93	146.1	38.62	137.3	37.71	132.9	36.03	128.5	34.64	119.7	33.62
	3.0	2.2	154.9	37.34	146.1	36.13	137.3	35.37	132.9	33.82	128.5	32.45	119.7	31.38
	5.0	4.1	154.9	35.62	146.1	34.49	137.3	33.82	132.9	32.34	128.5	30.99	119.7	29.89
	7.0	6.0	154.9	33.90	146.1	32.83	137.3	32.26	132.9	30.86	128.5	29.53	119.7	28.40
	9.0	7.9	154.9	32.71	146.1	31.68	137.3	31.13	132.9	29.79	128.5	28.49	119.7	27.40
	11.0	9.8	154.9	31.80	146.1	30.80	137.3	30.27	132.9	28.96	128.5	27.70	119.7	26.64
	13.0	11.8	154.9	30.83	146.1	29.86	137.3	29.34	132.9	28.07	128.5	26.86	119.7	25.83
15.0	13.7	154.9	29.80	146.1	28.87	137.3	28.37	132.9	27.13	128.5	25.96	119.7	24.97	
90	-24.8	-25	83.2	44.87	83.2	45.41	82.6	45.79	82.6	45.97	82.6	46.33	81.1	46.87
	-21.8	-22	101.8	45.41	101.8	45.95	101.2	46.33	101.2	46.51	101.2	46.87	99.2	44.88
	-19.8	-20	107.8	45.77	107.8	46.31	107.1	46.69	107.1	46.87	107.1	45.52	105.1	43.56
	-18.8	-19	110.6	45.95	110.0	46.50	109.5	46.87	109.5	46.18	109.5	44.84	107.4	42.90
	-16.7	-17	114.9	46.33	114.9	46.87	114.5	45.43	114.5	44.72	114.5	43.42	109.4	41.51
	-13.7	-15	122.7	46.87	122.7	44.74	121.6	43.38	121.6	42.62	117.9	41.39	109.4	39.53
	-11.8	-13	126.7	45.41	126.0	43.38	125.5	42.08	121.8	41.30	117.9	40.10	109.4	38.26
	-9.8	-11	130.9	43.87	130.9	41.97	125.6	40.71	121.8	39.91	117.9	38.75	109.4	36.94
	-9.5	-10	131.6	43.64	131.6	41.75	125.6	40.51	121.8	39.70	117.9	38.55	109.4	36.74
	-8.5	-9.1	134.2	42.88	133.2	41.04	125.6	39.82	121.8	39.01	117.9	37.87	109.4	36.08
	-7.0	-7.6	140.3	41.73	133.4	39.97	125.6	38.79	121.8	37.96	117.9	36.85	109.4	35.09
	-5.0	-5.6	141.8	40.19	133.4	38.55	125.6	37.42	121.8	36.57	117.9	35.50	109.4	33.76
	-3.0	-3.7	141.8	38.65	133.4	37.13	125.6	36.06	121.8	35.18	117.9	34.14	109.4	32.44
	0.0	-0.7	141.8	36.35	133.4	35.00	125.6	34.01	121.8	33.09	117.9	32.11	109.4	30.45
	3.0	2.2	141.8	34.04	133.4	32.86	125.6	31.95	121.8	31.00	117.9	30.09	109.4	28.47
	5.0	4.1	141.8	32.51	133.4	31.44	125.6	30.59	121.8	29.61	117.9	28.74	109.4	27.15
	7.0	6.0	141.8	30.98	133.4	30.03	125.6	29.22	121.8	28.22	117.9	27.38	109.4	25.81
	9.0	7.9	141.8	29.52	133.4	28.62	125.6	27.85	121.8	26.90	117.9	26.10	109.4	24.61
	11.0	9.8	141.8	28.08	133.4	27.21	125.6	26.47	121.8	25.57	117.9	24.81	109.4	23.40
	13.0	11.8	141.8	26.62	133.4	25.81	125.6	25.11	121.8	24.25	117.9	23.53	109.4	22.19
15.0	13.7	141.8	25.17	133.4	24.40	125.6	23.74	121.8	22.93	117.9	22.25	109.4	20.98	
80	-24.8	-25	82.8	39.56	82.8	40.10	82.3	40.48	82.3	40.66	82.3	41.56	80.7	39.82
	-21.8	-22	100.7	40.10	100.7	40.65	100.7	41.02	100.7	41.56	100.7	39.82	97.8	38.14
	-19.8	-20	106.7	40.46	106.7	41.00	106.7	41.56	106.7	40.33	105.1	38.65	97.8	37.01
	-18.8	-19	109.1	40.65	109.1	41.56	109.1	40.93	108.9	39.72	105.1	38.07	97.8	36.45
	-16.7	-17	112.4	41.56	112.4	40.27	112.4	39.63	109.0	38.42	105.1	36.85	97.8	35.27
	-13.7	-15	117.5	39.64	115.2	38.41	112.4	37.76	109.0	36.57	105.1	35.10	97.8	33.59
	-11.8	-13	120.4	38.43	116.9	37.23	112.4	36.57	109.0	35.41	105.1	33.99	97.8	32.53
	-9.8	-11	123.6	37.14	118.5	36.00	112.4	35.33	109.0	34.17	105.1	32.82	97.8	31.42
	-9.5	-10	124.5	36.95	119.2	35.81	112.4	35.14	109.0	33.99	105.1	32.65	97.8	31.24
	-8.5	-9.1	125.7	36.31	119.7	35.20	112.4	34.52	109.0	33.37	105.1	32.07	97.8	30.69
	-7.0	-7.6	127.0	35.35	119.7	34.27	112.4	33.58	109.0	32.45	105.1	31.19	97.8	29.84
	-5.0	-5.6	127.0	34.07	119.7	33.03	112.4	32.33	109.0	31.22	105.1	30.03	97.8	28.73
	-3.0	-3.7	127.0	32.78	119.7	31.79	112.4	31.10	109.0	29.99	105.1	28.86	97.8	27.60
	0.0	-0.7	127.0	30.87	119.7	29.95	112.4	29.22	109.0	28.13	105.1	27.12	97.8	25.93
	3.0	2.2	127.0	28.94	119.7	28.09	112.4	27.35	109.0	26.29	105.1	25.37	97.8	24.25
	5.0	4.1	127.0	27.67	119.7	26.85	112.4	26.11	109.0	25.06	105.1	24.21	97.8	23.12
	7.0	6.0	127.0	26.38	119.7	25.62	112.4	24.86	109.0	23.82	105.1	23.04	97.8	22.01
	9.0	7.9	127.0	24.77	119.7	24.05	112.4	23.34	109.0	22.37	105.1	21.64	97.8	20.66
	11.0	9.8	127.0	22.99	119.7	22.32	112.4	21.66	109.0	20.76	105.1	20.09	97.8	19.17
	13.0	11.8	127.0	21.46	119.7	20.84	112.4	20.23	109.0	19.38	105.1	18.74	97.8	17.90
15.0	13.7	127.0	20.21	119.7	19.62	112.4	19.04	109.0	18.24	105.1	17.65	97.8	16.85	

7. Capacity Tables

Heating Capacity (44HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	82.8	39.51	82.8	39.69	82.3	40.05	82.3	40.59	82.3	38.68	80.7	36.89
	-21.8	-22	96.3	40.05	96.3	40.22	95.7	40.59	92.4	38.68	89.6	36.89	83.7	35.16
	-19.8	-20	105.3	40.41	101.7	40.59	95.7	39.25	92.4	37.41	89.6	35.70	83.7	34.01
	-18.8	-19	107.7	40.59	101.7	39.89	95.7	38.58	92.4	36.77	89.6	35.10	83.7	33.44
	-16.7	-17	107.7	39.16	101.7	38.45	95.7	37.17	92.4	35.43	89.6	33.85	83.7	32.22
	-13.7	-15	107.7	37.11	101.7	36.37	95.7	35.17	92.4	33.52	89.6	32.07	83.7	30.49
	-11.8	-13	107.7	35.81	101.7	35.05	95.7	33.90	92.4	32.31	89.6	30.94	83.7	29.39
	-9.8	-11	107.7	34.44	101.7	33.67	95.7	32.55	92.4	31.04	89.6	29.74	83.7	28.25
	-9.5	-10	107.7	34.23	101.7	33.47	95.7	32.36	92.4	30.85	89.6	29.57	83.7	28.07
	-8.5	-9.1	107.7	33.55	101.7	32.77	95.7	31.68	92.4	30.21	89.6	28.97	83.7	27.49
	-7.0	-7.6	107.7	32.53	101.7	31.73	95.7	30.68	92.4	29.26	89.6	28.07	83.7	26.62
	-5.0	-5.6	107.7	31.17	101.7	30.35	95.7	29.34	92.4	27.99	89.6	26.88	83.7	25.47
	-3.0	-3.7	107.7	29.80	101.7	28.97	95.7	28.00	92.4	26.72	89.6	25.69	83.7	24.32
	0.0	-0.7	107.7	27.75	101.7	26.89	95.7	26.00	92.4	24.81	89.6	23.91	83.7	22.59
	3.0	2.2	107.7	25.70	101.7	24.82	95.7	23.99	92.4	22.90	89.6	22.12	83.7	20.86
	5.0	4.1	107.7	24.33	101.7	23.43	95.7	22.65	92.4	21.62	89.6	20.92	83.7	19.71
	7.0	6.0	107.7	22.97	101.7	22.05	95.7	21.31	92.4	20.35	89.6	19.73	83.7	18.55
	9.0	7.9	107.7	20.75	101.7	19.91	95.7	19.24	92.4	18.38	89.6	17.82	83.7	16.75
	11.0	9.8	107.7	19.31	101.7	18.54	95.7	17.92	92.4	17.11	89.6	16.59	83.7	15.60
	13.0	11.8	107.7	18.07	101.7	17.34	95.7	16.77	92.4	16.01	89.6	15.52	83.7	14.59
15.0	13.7	107.7	17.04	101.7	16.35	95.7	15.80	92.4	15.09	89.6	14.64	83.7	13.76	
60	-24.8	-25	82.2	39.09	82.2	39.44	81.6	39.99	79.3	37.93	76.5	36.00	71.7	34.19
	-21.8	-22	88.3	39.63	87.4	39.99	82.0	37.93	79.3	36.00	76.5	34.19	71.7	32.44
	-19.8	-20	92.4	39.99	87.4	38.53	82.0	36.56	79.3	34.72	76.5	32.98	71.7	31.26
	-18.8	-19	92.4	39.26	87.4	37.81	82.0	35.88	79.3	34.08	76.5	32.37	71.7	30.68
	-16.7	-17	92.4	37.72	87.4	36.29	82.0	34.44	79.3	32.72	76.5	31.10	71.7	29.45
	-13.7	-15	92.4	35.52	87.4	34.11	82.0	32.38	79.3	30.80	76.5	29.29	71.7	27.70
	-11.8	-13	92.4	34.13	87.4	32.73	82.0	31.08	79.3	29.58	76.5	28.14	71.7	26.59
	-9.8	-11	92.4	32.67	87.4	31.28	82.0	29.71	79.3	28.29	76.5	26.93	71.7	25.42
	-9.5	-10	92.4	32.45	87.4	31.06	82.0	29.51	79.3	28.10	76.5	26.76	71.7	25.25
	-8.5	-9.1	92.4	31.72	87.4	30.34	82.0	28.81	79.3	27.45	76.5	26.15	71.7	24.66
	-7.0	-7.6	92.4	30.62	87.4	29.24	82.0	27.80	79.3	26.49	76.5	25.24	71.7	23.78
	-5.0	-5.6	92.4	29.16	87.4	27.80	82.0	26.42	79.3	25.20	76.5	24.04	71.7	22.62
	-3.0	-3.7	92.4	27.70	87.4	26.35	82.0	25.05	79.3	23.92	76.5	22.82	71.7	21.45
	0.0	-0.7	92.4	25.50	87.4	24.17	82.0	23.00	79.3	21.99	76.5	21.01	71.7	19.69
	3.0	2.2	92.4	23.30	87.4	21.99	82.0	20.94	79.3	20.06	76.5	19.19	71.7	17.94
	5.0	4.1	92.4	21.85	87.4	20.54	82.0	19.57	79.3	18.77	76.5	17.99	71.7	16.78
	7.0	6.0	92.4	20.38	87.4	19.09	82.0	18.20	79.3	17.49	76.5	16.78	71.7	15.60
	9.0	7.9	92.4	18.19	87.4	17.03	82.0	16.24	79.3	15.61	76.5	14.97	71.7	13.92
	11.0	9.8	92.4	16.98	87.4	15.90	82.0	15.16	79.3	14.57	76.5	13.98	71.7	13.00
	13.0	11.8	92.4	15.91	87.4	14.90	82.0	14.21	79.3	13.65	76.5	13.09	71.7	12.17
15.0	13.7	92.4	15.03	87.4	14.08	82.0	13.42	79.3	12.90	76.5	12.38	71.7	11.51	
50	-24.8	-25	77.1	33.96	72.7	34.50	68.4	32.70	66.2	31.02	63.9	29.42	59.5	27.93
	-21.8	-22	77.1	34.50	72.7	32.70	68.4	31.02	66.2	29.42	63.9	27.93	59.5	26.49
	-19.8	-20	77.1	33.24	72.7	31.50	68.4	29.89	66.2	28.35	63.9	26.94	59.5	25.54
	-18.8	-19	77.1	32.62	72.7	30.90	68.4	29.32	66.2	27.81	63.9	26.44	59.5	25.06
	-16.7	-17	77.1	31.30	72.7	29.63	68.4	28.14	66.2	26.70	63.9	25.40	59.5	24.06
	-13.7	-15	77.1	29.42	72.7	27.83	68.4	26.46	66.2	25.10	63.9	23.91	59.5	22.63
	-11.8	-13	77.1	28.23	72.7	26.69	68.4	25.40	66.2	24.10	63.9	22.97	59.5	21.72
	-9.8	-11	77.1	26.98	72.7	25.49	68.4	24.27	66.2	23.03	63.9	21.98	59.5	20.76
	-9.5	-10	77.1	26.79	72.7	25.31	68.4	24.10	66.2	22.87	63.9	21.83	59.5	20.62
	-8.5	-9.1	77.1	26.16	72.7	24.71	68.4	23.54	66.2	22.33	63.9	21.34	59.5	20.14
	-7.0	-7.6	77.1	25.22	72.7	23.80	68.4	22.69	66.2	21.53	63.9	20.59	59.5	19.42
	-5.0	-5.6	77.1	23.97	72.7	22.60	68.4	21.57	66.2	20.47	63.9	19.59	59.5	18.47
	-3.0	-3.7	77.1	22.71	72.7	21.40	68.4	20.45	66.2	19.41	63.9	18.60	59.5	17.51
	0.0	-0.7	77.1	20.83	72.7	19.60	68.4	18.76	66.2	17.81	63.9	17.12	59.5	16.07
	3.0	2.2	77.1	18.94	72.7	17.80	68.4	17.07	66.2	16.21	63.9	15.63	59.5	14.65
	5.0	4.1	77.1	17.69	72.7	16.60	68.4	15.95	66.2	15.15	63.9	14.64	59.5	13.69
	7.0	6.0	77.1	16.44	72.7	15.39	68.4	14.83	66.2	14.09	63.9	13.64	59.5	12.73
	9.0	7.9	77.1	14.85	72.7	13.90	68.4	13.38	66.2	12.72	63.9	12.33	59.5	11.50
	11.0	9.8	77.1	13.89	72.7	13.00	68.4	12.53	66.2	11.90	63.9	11.53	59.5	10.76
	13.0	11.8	77.1	13.04	72.7	12.21	68.4	11.76	66.2	11.17	63.9	10.82	59.5	10.10
15.0	13.7	77.1	12.34	72.7	11.55	68.4	11.13	66.2	10.58	63.9	10.25	59.5	9.56	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM460BTE5

Heating Capacity (46HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	88.8	48.94	88.8	49.22	88.3	49.47	88.3	49.85	88.3	50.21	86.6	50.78
	-21.8	-22	108.8	49.51	108.8	49.80	108.1	50.05	108.1	50.42	108.1	50.78	106.0	51.35
	-19.8	-20	115.1	49.89	115.1	50.17	114.3	50.42	114.3	50.80	114.3	51.16	112.2	51.73
	-18.8	-19	117.7	50.08	117.7	50.36	116.9	50.61	116.9	51.00	116.9	51.35	114.7	51.92
	-16.7	-17	123.0	50.48	123.0	50.76	122.2	51.01	122.2	51.39	122.2	51.75	119.9	52.32
	-13.7	-15	130.6	51.05	130.6	51.33	129.8	51.58	129.8	51.96	129.8	52.32	127.3	50.42
	-11.8	-13	134.9	51.41	134.9	51.70	134.1	51.94	134.1	52.32	134.1	51.05	132.1	49.21
	-9.8	-11	139.4	51.79	139.4	52.07	138.5	52.32	138.5	50.97	138.5	49.71	137.0	47.94
	-9.5	-10	140.2	51.85	140.2	52.13	139.3	52.11	139.3	50.77	139.2	49.51	137.8	47.76
	-8.5	-9.1	142.9	52.04	142.9	52.32	142.0	51.43	142.0	50.09	141.5	48.84	140.2	47.12
	-7.0	-7.6	146.9	52.32	146.9	51.33	146.0	50.41	146.0	49.08	146.0	47.83	143.9	46.17
	-5.0	-5.6	152.3	51.05	152.3	50.00	151.3	49.04	151.3	47.73	151.3	46.50	148.9	44.91
	-3.0	-3.7	157.7	49.79	157.7	48.67	156.7	47.66	156.7	46.39	156.7	45.15	153.8	43.64
	0.0	-0.7	165.8	47.88	165.8	46.69	164.7	45.61	164.7	44.35	164.7	43.14	161.3	41.74
	3.0	2.2	173.9	45.98	173.9	44.69	172.8	43.56	172.8	42.33	172.8	41.13	162.1	39.84
	5.0	4.1	179.2	44.71	179.2	43.36	178.2	42.19	178.2	40.98	174.1	39.79	162.1	38.57
	7.0	6.0	184.6	43.44	184.6	42.05	183.4	40.82	180.5	39.64	174.1	38.46	162.1	37.30
9.0	7.9	185.6	42.41	185.6	41.04	185.0	39.85	180.5	38.69	174.1	37.54	162.1	36.41	
11.0	9.8	185.6	41.75	185.6	40.40	185.0	39.23	180.5	38.09	174.1	36.95	162.1	35.84	
13.0	11.8	185.6	41.02	185.6	39.70	185.0	38.55	180.5	37.43	174.1	36.31	162.1	35.23	
15.0	13.7	185.6	40.25	185.6	38.95	185.0	37.82	180.5	36.72	174.1	35.62	162.1	34.56	
120	-24.8	-25	88.2	49.22	88.2	49.47	87.7	49.85	87.7	50.21	87.7	50.78	86.0	51.18
	-21.8	-22	108.0	49.80	108.0	50.05	107.3	50.42	107.3	50.78	107.3	51.35	105.3	51.75
	-19.8	-20	114.3	50.17	114.3	50.42	113.5	50.80	113.5	51.16	113.5	51.73	111.4	52.13
	-18.8	-19	116.8	50.36	116.8	50.61	116.0	51.00	116.0	51.35	116.0	51.92	113.9	52.32
	-16.7	-17	122.1	50.76	122.1	51.01	121.3	51.39	121.3	51.75	121.3	52.32	119.0	51.10
	-13.7	-15	129.7	51.33	129.7	51.58	128.9	51.96	128.9	52.32	128.9	50.50	126.4	49.35
	-11.8	-13	133.9	51.70	133.9	51.94	133.1	52.32	133.1	51.04	133.1	49.36	131.1	48.24
	-9.8	-11	138.4	52.07	138.4	52.32	137.6	50.91	137.6	49.68	137.6	48.14	136.1	47.08
	-9.5	-10	139.2	52.13	139.2	52.10	138.4	50.71	138.4	49.48	138.4	47.96	136.8	46.90
	-8.5	-9.1	141.9	52.32	141.9	51.36	140.9	50.00	140.9	48.80	140.9	47.36	139.2	46.32
	-7.0	-7.6	145.9	51.23	145.9	50.24	145.0	48.94	145.0	47.79	145.0	46.45	142.9	45.45
	-5.0	-5.6	151.3	49.76	151.3	48.76	150.3	47.53	150.3	46.44	150.3	45.23	147.8	44.28
	-3.0	-3.7	156.6	48.30	156.6	47.28	155.6	46.12	155.6	45.08	155.6	44.03	152.3	43.12
	0.0	-0.7	164.6	46.09	164.6	45.06	163.5	44.01	163.5	43.06	163.5	42.20	152.3	41.36
	3.0	2.2	172.6	43.90	172.6	42.83	171.6	41.90	169.1	41.04	163.9	40.39	152.3	39.62
	5.0	4.1	178.0	42.44	178.0	41.34	175.0	40.48	169.1	39.68	163.9	39.17	152.3	38.46
	7.0	6.0	183.4	40.97	182.2	39.86	175.0	39.08	169.1	38.33	163.9	37.97	152.3	37.29
9.0	7.9	184.1	39.89	182.2	38.81	175.0	38.05	169.1	37.32	163.9	36.96	152.3	36.31	
11.0	9.8	184.1	39.16	182.2	38.10	175.0	37.34	169.1	36.63	163.9	36.29	152.3	35.64	
13.0	11.8	184.1	38.37	182.2	37.32	175.0	36.59	169.1	35.90	163.9	35.55	152.3	34.92	
15.0	13.7	184.1	37.51	182.2	36.50	175.0	35.78	169.1	35.10	163.9	34.76	152.3	34.14	
110	-24.8	-25	87.8	49.47	87.8	49.85	87.2	50.21	87.2	50.78	87.2	51.18	85.5	51.37
	-21.8	-22	107.4	50.05	107.4	50.42	106.7	50.78	106.7	51.35	106.7	51.75	104.7	51.94
	-19.8	-20	113.7	50.42	113.7	50.80	113.0	51.16	113.0	51.73	113.0	52.13	110.8	52.32
	-18.8	-19	116.2	50.61	116.2	51.00	115.4	51.35	115.4	51.92	115.4	52.32	113.3	51.67
	-16.7	-17	121.5	51.01	121.5	51.39	120.7	51.75	120.7	52.32	120.7	50.99	118.4	50.30
	-13.7	-15	128.9	51.58	128.9	51.96	128.2	52.32	128.2	50.31	128.2	49.08	128.2	48.35
	-11.8	-13	133.2	51.94	133.2	52.32	132.4	50.90	132.4	49.04	132.4	47.88	132.4	47.10
	-9.8	-11	137.6	52.32	137.6	50.73	136.8	49.42	136.8	47.70	136.8	46.61	136.0	45.81
	-9.5	-10	138.4	52.06	138.4	50.48	137.6	49.19	137.6	47.49	137.6	46.43	137.0	45.61
	-8.5	-9.1	141.1	51.20	141.1	49.68	140.3	48.44	140.3	46.82	140.3	45.79	137.0	44.95
	-7.0	-7.6	145.1	49.91	145.1	48.48	144.2	47.32	144.2	45.81	144.2	44.84	137.0	43.98
	-5.0	-5.6	150.4	48.19	150.4	46.89	149.4	45.83	149.4	44.48	146.7	43.57	137.0	42.67
	-3.0	-3.7	155.8	46.47	155.8	45.29	154.8	44.34	151.9	43.14	146.7	42.31	137.0	41.37
	0.0	-0.7	163.7	43.89	163.7	42.89	157.0	42.10	151.9	41.12	146.7	40.40	137.0	39.41
	3.0	2.2	171.7	41.31	167.3	40.50	157.0	39.86	151.9	39.11	146.7	38.50	137.0	37.46
	5.0	4.1	177.0	39.59	167.3	38.89	157.0	38.37	151.9	37.77	146.7	37.23	137.0	36.16
	7.0	6.0	177.0	37.86	167.3	37.30	157.0	36.88	151.9	36.43	146.7	35.96	137.0	34.85
9.0	7.9	177.0	36.70	167.3	36.14	157.0	35.74	151.9	35.30	146.7	34.85	137.0	33.77	
11.0	9.8	177.0	35.84	167.3	35.30	157.0	34.91	151.9	34.48	146.7	34.05	137.0	33.00	
13.0	11.8	177.0	34.93	167.3	34.41	157.0	34.03	151.9	33.60	146.7	33.17	137.0	32.16	
15.0	13.7	177.0	33.96	167.3	33.45	157.0	33.08	151.9	32.67	146.7	32.25	137.0	31.26	

7. Capacity Tables

Heating Capacity (46HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	87.4	54.55	87.4	54.25	86.8	50.32	86.8	53.53	86.8	53.22	85.1	53.06
	-21.8	-22	106.9	54.10	106.9	53.80	106.3	51.90	106.3	53.08	106.3	53.48	104.2	52.62
	-19.8	-20	113.2	53.80	113.2	53.51	112.5	52.89	112.5	52.78	112.5	52.71	110.4	52.32
	-18.8	-19	115.6	53.65	115.0	53.36	115.0	53.08	115.0	52.63	115.0	52.32	112.7	51.51
	-16.7	-17	120.2	53.34	120.2	53.05	120.2	53.48	119.5	52.32	119.5	50.67	117.2	49.83
	-13.7	-15	128.3	52.90	128.3	52.60	127.6	52.32	127.6	49.92	127.6	48.29	125.2	47.40
	-11.8	-13	132.5	52.62	131.8	52.32	131.8	50.72	131.8	48.41	131.8	46.79	125.2	45.87
	-9.8	-11	136.9	52.32	136.9	50.54	136.2	49.04	136.2	46.80	134.4	45.21	125.2	44.26
	-9.5	-10	137.6	52.04	137.6	50.26	137.0	48.78	137.0	46.57	134.4	44.97	125.2	44.02
	-8.5	-9.1	140.3	51.11	140.3	49.37	139.7	47.94	139.0	45.77	134.4	44.18	125.2	43.21
	-7.0	-7.6	146.7	49.71	146.1	48.03	143.6	46.68	139.0	44.57	134.4	43.00	125.2	42.00
	-5.0	-5.6	153.1	47.85	151.6	46.24	143.6	44.99	139.0	42.97	134.4	41.42	125.2	40.39
	-3.0	-3.7	157.5	45.98	152.8	44.45	143.6	43.31	139.0	41.38	134.4	39.84	125.2	38.78
	0.0	-0.7	162.0	43.19	152.8	41.77	143.6	40.78	139.0	38.97	134.4	37.47	125.2	36.36
	3.0	2.2	162.0	40.39	152.8	39.08	143.6	38.26	139.0	36.57	134.4	35.10	125.2	33.94
	5.0	4.1	162.0	38.52	152.8	37.30	143.6	36.57	139.0	34.98	134.4	33.52	125.2	32.33
	7.0	6.0	162.0	36.66	152.8	35.51	143.6	34.89	139.0	33.38	134.4	31.94	125.2	30.72
	9.0	7.9	162.0	35.38	152.8	34.26	143.6	33.67	139.0	32.21	134.4	30.82	125.2	29.64
	11.0	9.8	162.0	34.39	152.8	33.32	143.6	32.74	139.0	31.32	134.4	29.96	125.2	28.81
	13.0	11.8	162.0	33.34	152.8	32.29	143.6	31.73	139.0	30.36	134.4	29.05	125.2	27.94
15.0	13.7	162.0	32.23	152.8	31.22	143.6	30.68	139.0	29.34	134.4	28.08	125.2	27.00	
90	-24.8	-25	87.0	48.59	87.0	49.16	86.5	49.56	86.5	49.75	86.5	50.13	84.9	50.70
	-21.8	-22	106.5	49.16	106.5	49.73	105.9	50.13	105.9	50.32	105.9	50.70	103.8	48.55
	-19.8	-20	112.7	49.54	112.7	50.11	112.0	50.51	112.0	50.70	112.0	49.24	109.9	47.12
	-18.8	-19	115.6	49.73	115.0	50.30	114.5	50.70	114.5	49.95	114.5	48.51	112.3	46.40
	-16.7	-17	120.2	50.13	120.2	50.70	119.7	49.15	119.7	48.37	119.7	46.97	114.4	44.90
	-13.7	-15	128.3	50.70	128.3	48.39	127.1	46.93	127.1	46.10	123.3	44.77	114.4	42.75
	-11.8	-13	132.5	49.12	131.8	46.93	131.3	45.52	127.3	44.67	123.3	43.38	114.4	41.39
	-9.8	-11	136.9	47.45	136.9	45.40	131.4	44.03	127.3	43.17	123.3	41.91	114.4	39.96
	-9.5	-10	137.6	47.21	137.6	45.16	131.4	43.82	127.3	42.94	123.3	41.70	114.4	39.74
	-8.5	-9.1	140.3	46.38	139.4	44.39	131.4	43.07	127.3	42.19	123.3	40.97	114.4	39.02
	-7.0	-7.6	146.7	45.13	139.6	43.24	131.4	41.96	127.3	41.06	123.3	39.86	114.4	37.95
	-5.0	-5.6	148.3	43.48	139.6	41.70	131.4	40.48	127.3	39.56	123.3	38.40	114.4	36.52
	-3.0	-3.7	148.3	41.81	139.6	40.16	131.4	39.01	127.3	38.05	123.3	36.93	114.4	35.09
	0.0	-0.7	148.3	39.32	139.6	37.86	131.4	36.79	127.3	35.79	123.3	34.73	114.4	32.93
	3.0	2.2	148.3	36.82	139.6	35.55	131.4	34.56	127.3	33.53	123.3	32.55	114.4	30.79
	5.0	4.1	148.3	35.16	139.6	34.00	131.4	33.08	127.3	32.02	123.3	31.08	114.4	29.36
	7.0	6.0	148.3	33.50	139.6	32.47	131.4	31.60	127.3	30.52	123.3	29.62	114.4	27.92
	9.0	7.9	148.3	31.93	139.6	30.95	131.4	30.12	127.3	29.09	123.3	28.23	114.4	26.62
	11.0	9.8	148.3	30.36	139.6	29.43	131.4	28.63	127.3	27.66	123.3	26.84	114.4	25.30
	13.0	11.8	148.3	28.79	139.6	27.91	131.4	27.16	127.3	26.23	123.3	25.45	114.4	24.00
15.0	13.7	148.3	27.22	139.6	26.38	131.4	25.67	127.3	24.80	123.3	24.07	114.4	22.69	
80	-24.8	-25	86.7	42.85	86.7	43.41	86.1	43.81	86.1	44.01	86.1	44.95	84.5	43.07
	-21.8	-22	105.4	43.41	105.4	43.99	105.4	44.39	105.4	44.95	105.4	43.07	102.2	41.25
	-19.8	-20	111.6	43.80	111.6	44.36	111.6	44.95	111.6	43.62	109.9	41.81	102.2	40.03
	-18.8	-19	114.0	43.99	114.0	44.95	114.0	44.28	113.9	42.96	109.9	41.18	102.2	39.43
	-16.7	-17	117.5	44.95	117.5	43.56	117.5	42.87	114.0	41.56	109.9	39.86	102.2	38.16
	-13.7	-15	122.9	42.88	120.4	41.55	117.5	40.84	114.0	39.56	109.9	37.96	102.2	36.34
	-11.8	-13	125.9	41.56	122.2	40.27	117.5	39.56	114.0	38.30	109.9	36.76	102.2	35.19
	-9.8	-11	129.3	40.18	124.0	38.94	117.5	38.22	114.0	36.96	109.9	35.50	102.2	33.98
	-9.5	-10	130.2	39.97	124.7	38.73	117.5	38.01	114.0	36.76	109.9	35.32	102.2	33.80
	-8.5	-9.1	131.5	39.27	125.2	38.07	117.5	37.34	114.0	36.10	109.9	34.69	102.2	33.19
	-7.0	-7.6	132.8	38.24	125.2	37.07	117.5	36.33	114.0	35.10	109.9	33.74	102.2	32.28
	-5.0	-5.6	132.8	36.85	125.2	35.72	117.5	34.97	114.0	33.77	109.9	32.48	102.2	31.07
	-3.0	-3.7	132.8	35.46	125.2	34.39	117.5	33.63	114.0	32.43	109.9	31.22	102.2	29.85
	0.0	-0.7	132.8	33.39	125.2	32.39	117.5	31.61	114.0	30.43	109.9	29.34	102.2	28.04
	3.0	2.2	132.8	31.30	125.2	30.38	117.5	29.58	114.0	28.43	109.9	27.44	102.2	26.22
	5.0	4.1	132.8	29.92	125.2	29.04	117.5	28.24	114.0	27.10	109.9	26.18	102.2	25.01
	7.0	6.0	132.8	28.53	125.2	27.71	117.5	26.89	114.0	25.77	109.9	24.92	102.2	23.80
	9.0	7.9	132.8	26.79	125.2	26.01	117.5	25.24	114.0	24.20	109.9	23.41	102.2	22.34
	11.0	9.8	132.8	24.87	125.2	24.14	117.5	23.43	114.0	22.46	109.9	21.72	102.2	20.74
	13.0	11.8	132.8	23.21	125.2	22.53	117.5	21.87	114.0	20.96	109.9	20.27	102.2	19.35
15.0	13.7	132.8	21.85	125.2	21.22	117.5	20.59	114.0	19.73	109.9	19.09	102.2	18.23	

7. Capacity Tables

Heating Capacity (46HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	86.7	42.76	86.7	42.95	86.1	43.34	86.1	43.90	86.1	41.84	84.5	39.90
	-21.8	-22	100.7	43.34	100.7	43.52	100.1	43.90	96.6	41.84	93.8	39.90	87.5	38.03
	-19.8	-20	110.0	43.71	106.3	43.90	100.1	42.46	96.6	40.46	93.8	38.61	87.5	36.79
	-18.8	-19	112.7	43.90	106.3	43.15	100.1	41.73	96.6	39.77	93.8	37.97	87.5	36.17
	-16.7	-17	112.7	42.36	106.3	41.59	100.1	40.21	96.6	38.33	93.8	36.62	87.5	34.85
	-13.7	-15	112.7	40.14	106.3	39.34	100.1	38.04	96.6	36.26	93.8	34.68	87.5	32.98
	-11.8	-13	112.7	38.74	106.3	37.91	100.1	36.67	96.6	34.95	93.8	33.46	87.5	31.79
	-9.8	-11	112.7	37.25	106.3	36.42	100.1	35.21	96.6	33.58	93.8	32.17	87.5	30.55
	-9.5	-10	112.7	37.03	106.3	36.20	100.1	35.00	96.6	33.37	93.8	31.98	87.5	30.36
	-8.5	-9.1	112.7	36.29	106.3	35.45	100.1	34.27	96.6	32.68	93.8	31.34	87.5	29.73
	-7.0	-7.6	112.7	35.19	106.3	34.32	100.1	33.18	96.6	31.64	93.8	30.37	87.5	28.80
	-5.0	-5.6	112.7	33.72	106.3	32.82	100.1	31.74	96.6	30.27	93.8	29.07	87.5	27.55
	-3.0	-3.7	112.7	32.23	106.3	31.33	100.1	30.29	96.6	28.90	93.8	27.79	87.5	26.31
	0.0	-0.7	112.7	30.02	106.3	29.08	100.1	28.12	96.6	26.83	93.8	25.86	87.5	24.43
	3.0	2.2	112.7	27.80	106.3	26.84	100.1	25.95	96.6	24.76	93.8	23.92	87.5	22.56
	5.0	4.1	112.7	26.32	106.3	25.34	100.1	24.50	96.6	23.38	93.8	22.63	87.5	21.32
	7.0	6.0	112.7	24.85	106.3	23.84	100.1	23.05	96.6	22.01	93.8	21.34	87.5	20.06
	9.0	7.9	112.7	22.44	106.3	21.54	100.1	20.81	96.6	19.87	93.8	19.28	87.5	18.12
	11.0	9.8	112.7	20.89	106.3	20.05	100.1	19.39	96.6	18.51	93.8	17.95	87.5	16.87
	13.0	11.8	112.7	19.54	106.3	18.76	100.1	18.13	96.6	17.31	93.8	16.79	87.5	15.78
15.0	13.7	112.7	18.43	106.3	17.69	100.1	17.09	96.6	16.32	93.8	15.83	87.5	14.88	
60	-24.8	-25	85.9	42.32	85.9	42.69	85.4	43.27	82.9	41.04	80.0	38.95	74.9	36.99
	-21.8	-22	92.3	42.89	91.4	43.27	85.8	41.04	82.9	38.95	80.0	36.99	74.9	35.10
	-19.8	-20	96.6	43.27	91.4	41.69	85.8	39.56	82.9	37.57	80.0	35.68	74.9	33.82
	-18.8	-19	96.6	42.48	91.4	40.91	85.8	38.82	82.9	36.87	80.0	35.03	74.9	33.20
	-16.7	-17	96.6	40.81	91.4	39.26	85.8	37.26	82.9	35.40	80.0	33.65	74.9	31.86
	-13.7	-15	96.6	38.43	91.4	36.91	85.8	35.04	82.9	33.32	80.0	31.69	74.9	29.97
	-11.8	-13	96.6	36.93	91.4	35.41	85.8	33.62	82.9	32.00	80.0	30.44	74.9	28.77
	-9.8	-11	96.6	35.35	91.4	33.84	85.8	32.15	82.9	30.61	80.0	29.14	74.9	27.50
	-9.5	-10	96.6	35.11	91.4	33.60	85.8	31.92	82.9	30.40	80.0	28.95	74.9	27.31
	-8.5	-9.1	96.6	34.31	91.4	32.82	85.8	31.17	82.9	29.70	80.0	28.29	74.9	26.68
	-7.0	-7.6	96.6	33.13	91.4	31.64	85.8	30.07	82.9	28.66	80.0	27.31	74.9	25.73
	-5.0	-5.6	96.6	31.55	91.4	30.07	85.8	28.58	82.9	27.27	80.0	26.00	74.9	24.47
	-3.0	-3.7	96.6	29.96	91.4	28.50	85.8	27.09	82.9	25.87	80.0	24.69	74.9	23.20
	0.0	-0.7	96.6	27.58	91.4	26.14	85.8	24.88	82.9	23.79	80.0	22.72	74.9	21.30
	3.0	2.2	96.6	25.20	91.4	23.78	85.8	22.65	82.9	21.70	80.0	20.76	74.9	19.41
	5.0	4.1	96.6	23.63	91.4	22.21	85.8	21.16	82.9	20.30	80.0	19.46	74.9	18.14
	7.0	6.0	96.6	22.04	91.4	20.64	85.8	19.69	82.9	18.92	80.0	18.15	74.9	16.87
	9.0	7.9	96.6	19.67	91.4	18.42	85.8	17.56	82.9	16.88	80.0	16.19	74.9	15.05
	11.0	9.8	96.6	18.36	91.4	17.20	85.8	16.40	82.9	15.76	80.0	15.12	74.9	14.06
	13.0	11.8	96.6	17.20	91.4	16.12	85.8	15.37	82.9	14.77	80.0	14.16	74.9	13.17
15.0	13.7	96.6	16.25	91.4	15.22	85.8	14.51	82.9	13.95	80.0	13.39	74.9	12.45	
50	-24.8	-25	80.6	36.75	76.0	37.32	71.5	35.37	69.2	33.55	66.9	31.82	62.3	30.21
	-21.8	-22	80.6	37.32	76.0	35.37	71.5	33.55	69.2	31.82	66.9	30.21	62.3	28.66
	-19.8	-20	80.6	35.96	76.0	34.08	71.5	32.33	69.2	30.67	66.9	29.14	62.3	27.62
	-18.8	-19	80.6	35.28	76.0	33.42	71.5	31.72	69.2	30.09	66.9	28.60	62.3	27.10
	-16.7	-17	80.6	33.86	76.0	32.05	71.5	30.44	69.2	28.88	66.9	27.47	62.3	26.03
	-13.7	-15	80.6	31.83	76.0	30.10	71.5	28.62	69.2	27.15	66.9	25.86	62.3	24.47
	-11.8	-13	80.6	30.53	76.0	28.86	71.5	27.47	69.2	26.06	66.9	24.85	62.3	23.49
	-9.8	-11	80.6	29.18	76.0	27.57	71.5	26.25	69.2	24.91	66.9	23.78	62.3	22.45
	-9.5	-10	80.6	28.97	76.0	27.38	71.5	26.07	69.2	24.73	66.9	23.61	62.3	22.30
	-8.5	-9.1	80.6	28.30	76.0	26.72	71.5	25.46	69.2	24.16	66.9	23.08	62.3	21.79
	-7.0	-7.6	80.6	27.28	76.0	25.75	71.5	24.55	69.2	23.29	66.9	22.27	62.3	21.01
	-5.0	-5.6	80.6	25.93	76.0	24.45	71.5	23.33	69.2	22.14	66.9	21.19	62.3	19.97
	-3.0	-3.7	80.6	24.56	76.0	23.15	71.5	22.12	69.2	21.00	66.9	20.12	62.3	18.94
	0.0	-0.7	80.6	22.53	76.0	21.20	71.5	20.29	69.2	19.26	66.9	18.52	62.3	17.39
	3.0	2.2	80.6	20.49	76.0	19.25	71.5	18.47	69.2	17.53	66.9	16.91	62.3	15.84
	5.0	4.1	80.6	19.13	76.0	17.95	71.5	17.25	69.2	16.38	66.9	15.84	62.3	14.81
	7.0	6.0	80.6	17.78	76.0	16.64	71.5	16.04	69.2	15.24	66.9	14.76	62.3	13.77
	9.0	7.9	80.6	16.06	76.0	15.03	71.5	14.48	69.2	13.76	66.9	13.33	62.3	12.43
	11.0	9.8	80.6	15.02	76.0	14.06	71.5	13.55	69.2	12.87	66.9	12.47	62.3	11.63
	13.0	11.8	80.6	14.10	76.0	13.20	71.5	12.72	69.2	12.08	66.9	11.71	62.3	10.92
15.0	13.7	80.6	13.35	76.0	12.49	71.5	12.04	69.2	11.44	66.9	11.08	62.3	10.34	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM480BTE5

Heating Capacity (48HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	90.8	51.06	90.8	51.46	90.2	51.82	90.2	52.38	90.2	52.90	88.6	53.72
	-21.8	-22	112.0	51.88	112.0	52.30	111.2	52.66	111.2	53.20	111.2	53.72	109.0	54.56
	-19.8	-20	118.8	52.44	118.8	52.84	118.0	53.20	118.0	53.76	118.0	54.28	115.8	55.10
	-18.8	-19	121.6	52.70	121.6	53.12	120.8	53.48	120.8	54.04	120.8	54.56	118.4	55.38
	-16.7	-17	127.2	53.28	127.2	53.70	126.4	54.06	126.4	54.62	126.4	55.14	124.0	55.96
	-13.7	-15	135.2	54.12	135.2	54.52	134.4	54.88	134.4	55.44	134.4	55.96	131.8	53.94
	-11.8	-13	139.6	54.64	139.6	55.06	138.8	55.42	138.8	55.96	138.8	56.48	136.8	52.64
	-9.8	-11	144.2	55.20	144.2	55.60	143.4	55.96	143.4	56.52	143.4	57.08	142.0	51.28
	-9.5	-10	145.0	55.28	145.0	55.68	144.2	56.04	144.2	56.56	144.0	57.08	142.8	51.08
	-8.5	-9.1	147.8	55.56	147.8	55.96	147.0	56.42	147.0	56.94	146.4	57.48	145.4	50.40
	-7.0	-7.6	152.0	55.96	152.0	56.40	151.0	56.82	151.0	57.34	151.0	57.86	149.2	49.38
	-5.0	-5.6	157.6	56.60	157.6	57.04	156.6	57.46	156.6	57.98	156.6	58.50	149.4	48.04
	-3.0	-3.7	163.2	57.24	163.2	57.68	162.2	58.10	162.2	58.62	162.2	59.14	149.6	46.68
	0.0	-0.7	171.6	58.12	171.6	58.56	170.4	58.98	170.4	59.50	170.4	60.02	149.8	45.32
	3.0	2.2	180.0	49.18	180.0	47.80	178.8	46.60	178.8	45.28	178.8	44.00	167.8	42.62
	5.0	4.1	185.4	47.82	185.4	46.38	184.4	45.12	184.4	43.84	184.4	42.56	167.8	41.26
	7.0	6.0	191.0	46.46	191.0	44.98	189.8	43.66	188.8	42.40	188.8	41.14	167.8	39.90
9.0	7.9	192.0	45.36	192.0	43.90	191.4	42.62	189.8	41.38	188.8	40.16	167.8	38.94	
11.0	9.8	192.0	44.66	192.0	43.22	191.4	41.96	188.8	40.74	188.8	39.52	167.8	38.34	
13.0	11.8	192.0	43.88	192.0	42.46	191.4	41.24	186.8	40.04	186.8	38.84	167.8	37.68	
15.0	13.7	192.0	43.06	192.0	41.66	191.4	40.46	186.8	39.28	186.8	38.10	167.8	36.96	
120	-24.8	-25	90.2	51.46	90.2	51.82	89.6	52.38	89.6	52.90	89.6	53.42	88.0	54.30
	-21.8	-22	111.2	52.30	111.2	52.66	110.4	53.20	110.4	53.72	110.4	54.24	108.4	55.14
	-19.8	-20	118.0	52.84	118.0	53.20	117.2	53.76	117.2	54.28	117.2	54.80	115.0	55.68
	-18.8	-19	120.6	53.12	120.6	53.48	119.8	53.84	119.8	54.36	119.8	54.84	117.6	55.96
	-16.7	-17	126.2	53.70	126.2	54.06	125.4	54.52	125.4	55.04	125.4	55.52	123.0	56.66
	-13.7	-15	134.2	54.52	134.2	54.88	133.4	55.34	133.4	55.82	133.4	56.30	130.8	52.78
	-11.8	-13	138.6	55.06	138.6	55.42	137.8	55.88	137.8	56.34	137.8	56.80	135.8	51.60
	-9.8	-11	143.2	55.60	143.2	55.96	142.4	56.42	142.4	56.88	142.4	57.34	141.0	50.36
	-9.5	-10	144.0	55.68	144.0	56.04	143.2	56.50	143.2	56.96	143.2	57.42	141.8	50.16
	-8.5	-9.1	146.8	55.96	146.8	56.32	146.0	56.78	146.0	57.24	145.8	57.70	144.2	49.54
	-7.0	-7.6	151.0	56.40	151.0	56.82	150.0	57.24	150.0	57.66	150.0	58.08	148.2	48.62
	-5.0	-5.6	156.6	57.04	156.6	57.46	155.6	57.88	155.6	58.30	155.6	58.72	148.4	47.36
	-3.0	-3.7	162.2	57.68	162.2	58.10	161.0	58.52	161.0	58.94	161.0	59.36	148.6	46.12
	0.0	-0.7	170.4	49.30	170.4	48.20	169.2	47.08	169.2	46.06	169.2	45.14	157.6	44.24
	3.0	2.2	178.6	46.96	178.6	45.82	177.6	44.82	177.0	43.90	176.6	43.20	157.6	42.38
	5.0	4.1	184.2	45.40	184.2	44.22	181.0	43.30	179.0	42.44	178.0	41.90	157.6	41.14
	7.0	6.0	189.8	43.82	188.8	42.64	187.0	41.80	185.0	41.00	184.0	40.62	157.6	39.88
9.0	7.9	190.6	42.66	189.6	41.52	188.0	40.70	187.0	39.92	186.6	39.54	157.6	38.84	
11.0	9.8	190.6	41.88	189.6	40.76	188.0	39.94	187.0	39.18	186.6	38.82	157.6	38.12	
13.0	11.8	190.6	41.04	189.6	39.92	188.0	39.14	187.0	38.40	186.6	38.02	157.6	37.36	
15.0	13.7	190.6	40.12	189.6	39.04	188.0	38.28	187.0	37.54	186.6	37.18	157.6	36.52	
110	-24.8	-25	89.8	51.82	89.8	52.38	89.2	52.90	89.2	53.42	89.2	53.94	87.4	54.58
	-21.8	-22	110.6	52.66	110.6	53.20	109.8	53.72	109.8	54.24	109.8	54.76	107.8	55.42
	-19.8	-20	117.4	53.20	117.4	53.76	116.6	54.28	116.6	54.80	116.6	55.32	114.4	55.96
	-18.8	-19	120.0	53.48	120.0	53.94	119.2	54.46	119.2	54.98	119.2	55.50	117.0	56.26
	-16.7	-17	125.6	54.06	125.6	54.62	124.8	55.14	124.8	55.66	124.8	56.18	122.4	57.00
	-13.7	-15	133.4	54.88	133.4	55.34	132.6	55.82	132.6	56.30	132.6	56.76	130.2	51.72
	-11.8	-13	137.8	55.42	137.8	55.88	137.0	56.34	137.0	56.80	137.0	57.24	134.8	50.38
	-9.8	-11	142.4	55.96	142.4	56.42	141.6	56.88	141.6	57.34	141.6	57.80	139.8	49.00
	-9.5	-10	143.2	56.04	143.2	56.50	142.4	56.96	142.4	57.42	142.4	57.88	141.8	48.78
	-8.5	-9.1	146.0	56.32	146.0	56.78	145.2	57.24	145.2	57.70	145.2	58.16	141.8	48.08
	-7.0	-7.6	150.2	56.82	150.2	57.24	149.2	57.66	149.2	58.08	149.2	58.50	141.8	47.04
	-5.0	-5.6	155.6	57.46	155.6	57.88	154.6	58.30	154.6	58.72	154.6	59.14	141.8	46.64
	-3.0	-3.7	161.2	58.10	161.2	58.52	160.2	58.94	160.2	59.36	160.2	59.78	141.8	45.26
	0.0	-0.7	169.4	46.94	169.4	45.88	168.4	45.04	167.4	44.18	166.4	43.32	141.8	42.16
	3.0	2.2	177.6	44.18	177.2	43.32	176.4	42.64	175.4	41.84	174.4	41.18	141.8	40.06
	5.0	4.1	183.2	42.34	182.8	41.60	182.4	41.04	181.4	40.40	180.4	39.82	141.8	38.68
	7.0	6.0	183.2	40.50	182.8	39.90	182.4	39.44	181.4	38.96	180.4	38.46	141.8	37.28
9.0	7.9	183.2	39.26	182.8	38.66	182.4	38.22	181.4	37.76	180.4	37.28	141.8	36.12	
11.0	9.8	183.2	38.34	182.8	37.76	182.4	37.34	181.4	36.88	180.4	36.42	141.8	35.30	
13.0	11.8	183.2	37.36	182.8	36.80	182.4	36.40	181.4	35.94	180.4	35.48	141.8	34.40	
15.0	13.7	183.2	36.32	182.8	35.78	182.4	35.38	181.4	34.94	180.4	34.50	141.8	33.44	

7. Capacity Tables

Heating Capacity (48HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	89.4	57.54	89.4	57.32	88.8	53.48	88.8	56.82	88.8	56.60	87.0	56.48
	-21.8	-22	110.0	57.22	110.0	57.00	109.4	55.16	109.4	56.50	109.4	57.08	107.2	56.18
	-19.8	-20	116.8	57.00	116.8	56.80	116.2	56.22	116.2	56.28	116.2	56.34	114.0	55.96
	-18.8	-19	119.4	56.90	118.8	56.70	118.8	56.50	118.8	56.18	118.8	55.96	116.4	55.10
	-16.7	-17	124.2	56.68	124.2	56.48	124.2	57.08	123.6	55.96	123.6	54.20	121.2	53.30
	-13.7	-15	132.8	56.38	132.8	56.16	132.0	55.96	132.0	53.40	132.0	51.66	129.6	50.70
	-11.8	-13	137.2	56.18	136.4	55.96	136.4	54.26	136.4	51.78	136.4	50.04	129.6	49.06
	-9.8	-11	141.6	55.96	141.6	54.06	141.0	52.46	141.0	50.06	139.0	48.36	129.6	47.34
	-9.5	-10	142.4	55.66	142.4	53.76	141.8	52.18	141.8	49.82	139.0	48.10	129.6	47.08
	-8.5	-9.1	145.2	54.66	145.2	52.80	144.6	51.28	143.8	48.96	139.0	47.26	129.6	46.22
	-7.0	-7.6	151.8	53.18	151.2	51.38	148.6	49.94	143.8	47.68	139.0	46.00	129.6	44.92
	-5.0	-5.6	158.4	51.18	156.8	49.46	148.6	48.12	143.8	45.96	139.0	44.30	129.6	43.20
	-3.0	-3.7	163.0	49.18	158.2	47.54	148.6	46.32	143.8	44.26	139.0	42.62	129.6	41.48
	0.0	-0.7	167.6	46.20	158.2	44.68	148.6	43.62	143.8	41.68	139.0	40.08	129.6	38.90
	3.0	2.2	167.6	43.20	158.2	41.80	148.6	40.92	143.8	39.12	139.0	37.54	129.6	36.30
	5.0	4.1	167.6	41.20	158.2	39.90	148.6	39.12	143.8	37.42	139.0	35.86	129.6	34.58
	7.0	6.0	167.6	39.22	158.2	37.98	148.6	37.32	143.8	35.70	139.0	34.16	129.6	32.86
	9.0	7.9	167.6	37.84	158.2	36.64	148.6	36.02	143.8	34.46	139.0	32.96	129.6	31.70
	11.0	9.8	167.6	36.78	158.2	35.64	148.6	35.02	143.8	33.50	139.0	32.04	129.6	30.82
	13.0	11.8	167.6	35.66	158.2	34.54	148.6	33.94	143.8	32.48	139.0	31.08	129.6	29.88
15.0	13.7	167.6	34.48	158.2	33.40	148.6	32.82	143.8	31.38	139.0	30.04	129.6	28.88	
90	-24.8	-25	89.0	51.04	89.0	51.88	88.4	52.46	88.4	52.74	88.4	53.28	86.8	54.12
	-21.8	-22	109.6	51.88	109.6	52.70	109.0	53.28	109.0	53.56	109.0	54.12	106.8	51.82
	-19.8	-20	116.4	52.42	116.4	53.26	115.6	53.84	115.6	54.12	115.6	52.56	113.4	50.30
	-18.8	-19	119.4	52.70	118.8	53.54	118.2	54.12	118.2	53.32	118.2	51.78	116.0	49.54
	-16.7	-17	124.2	53.28	124.2	54.12	123.8	52.46	123.8	51.64	123.8	50.14	118.4	47.94
	-13.7	-15	132.8	54.12	132.8	51.66	131.6	50.10	131.6	49.22	127.6	47.80	118.4	45.66
	-11.8	-13	137.2	52.44	136.4	50.10	135.8	48.60	131.8	47.70	127.6	46.32	118.4	44.20
	-9.8	-11	141.6	50.66	141.6	48.48	136.0	47.02	131.8	46.10	127.6	44.76	118.4	42.68
	-9.5	-10	142.4	50.40	142.4	48.22	136.0	46.80	131.8	45.86	127.6	44.54	118.4	42.44
	-8.5	-9.1	145.2	49.52	144.2	47.40	136.0	46.00	131.8	45.06	127.6	43.76	118.4	41.68
	-7.0	-7.6	151.8	48.20	144.4	46.18	136.0	44.82	131.8	43.86	127.6	42.58	118.4	40.54
	-5.0	-5.6	153.4	46.44	144.4	44.54	136.0	43.24	131.8	42.26	127.6	41.02	118.4	39.02
	-3.0	-3.7	153.4	44.66	144.4	42.90	136.0	41.68	131.8	40.66	127.6	39.46	118.4	37.50
	0.0	-0.7	153.4	42.02	144.4	40.46	136.0	39.32	131.8	38.26	127.6	37.12	118.4	35.20
	3.0	2.2	153.4	39.36	144.4	38.00	136.0	36.94	131.8	35.84	127.6	34.80	118.4	32.92
	5.0	4.1	153.4	37.60	144.4	36.36	136.0	35.38	131.8	34.24	127.6	33.24	118.4	31.40
	7.0	6.0	153.4	35.84	144.4	34.74	136.0	33.80	131.8	32.64	127.6	31.68	118.4	29.86
	9.0	7.9	153.4	34.16	144.4	33.12	136.0	32.22	131.8	31.12	127.6	30.20	118.4	28.48
	11.0	9.8	153.4	32.50	144.4	31.50	136.0	30.64	131.8	29.60	127.6	28.72	118.4	27.08
	13.0	11.8	153.4	30.82	144.4	29.88	136.0	29.08	131.8	28.08	127.6	27.24	118.4	25.70
15.0	13.7	153.4	29.16	144.4	28.26	136.0	27.50	131.8	26.56	127.6	25.78	118.4	24.30	
80	-24.8	-25	88.6	44.92	88.6	45.74	88.0	46.32	88.0	46.60	88.0	47.98	86.4	45.98
	-21.8	-22	108.4	45.74	108.4	46.58	108.4	47.16	108.4	47.98	108.4	45.98	105.8	44.04
	-19.8	-20	115.2	46.30	115.2	47.12	115.2	47.98	115.2	46.56	113.8	44.64	105.8	42.74
	-18.8	-19	117.8	46.58	117.8	47.98	117.8	47.26	117.8	45.86	113.8	43.96	105.8	42.10
	-16.7	-17	121.6	47.98	121.6	46.50	121.6	45.76	118.0	44.36	113.8	42.56	105.8	40.74
	-13.7	-15	127.2	45.78	124.6	44.36	121.6	43.60	118.0	42.24	113.8	40.54	105.8	38.80
	-11.8	-13	130.2	44.38	126.4	43.00	121.6	42.24	118.0	40.90	113.8	39.26	105.8	37.58
	-9.8	-11	133.6	42.90	128.2	41.58	121.6	40.82	118.0	39.48	113.8	37.92	105.8	36.30
	-9.5	-10	134.6	42.68	129.0	41.36	121.6	40.60	118.0	39.26	113.8	37.72	105.8	36.10
	-8.5	-9.1	136.0	41.94	129.6	40.66	121.6	39.88	118.0	38.56	113.8	37.06	105.8	35.46
	-7.0	-7.6	137.4	40.84	129.6	39.60	121.6	38.80	118.0	37.50	113.8	36.04	105.8	34.48
	-5.0	-5.6	137.4	39.36	129.6	38.16	121.6	37.36	118.0	36.08	113.8	34.70	105.8	33.20
	-3.0	-3.7	137.4	37.88	129.6	36.74	121.6	35.94	118.0	34.66	113.8	33.36	105.8	31.90
	0.0	-0.7	137.4	35.68	129.6	34.62	121.6	33.78	118.0	32.52	113.8	31.36	105.8	29.98
	3.0	2.2	137.4	33.46	129.6	32.48	121.6	31.62	118.0	30.40	113.8	29.34	105.8	28.04
	5.0	4.1	137.4	32.00	129.6	31.06	121.6	30.20	118.0	28.98	113.8	28.00	105.8	26.74
	7.0	6.0	137.4	30.52	129.6	29.64	121.6	28.76	118.0	27.56	113.8	26.66	105.8	25.46
	9.0	7.9	137.4	28.66	129.6	27.82	121.6	27.00	118.0	25.88	113.8	25.04	105.8	23.90
	11.0	9.8	137.4	26.60	129.6	25.82	121.6	25.06	118.0	24.02	113.8	23.24	105.8	22.18
	13.0	11.8	137.4	24.82	129.6	24.10	121.6	23.40	118.0	22.42	113.8	21.68	105.8	20.70
15.0	13.7	137.4	23.38	129.6	22.70	121.6	22.02	118.0	21.10	113.8	20.42	105.8	19.50	

7. Capacity Tables

Heating Capacity (48HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB													
			16		18		20		21		22		24			
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
70	-24.8	-25	88.6	45.20	88.6	45.48	88.0	46.04	88.0	46.86	88.0	46.66	88.0	46.66	86.4	42.60
	-21.8	-22	104.2	46.04	104.2	46.30	103.6	46.86	100.0	44.66	97.0	42.60	90.6	40.60		
	-19.8	-20	114.6	46.58	110.0	46.86	103.6	45.32	100.0	43.20	97.0	41.22	90.6	39.28		
	-18.8	-19	116.6	46.86	110.0	46.06	103.6	44.54	100.0	42.46	97.0	40.54	90.6	38.62		
	-16.7	-17	116.6	45.22	110.0	44.40	103.6	42.92	100.0	40.92	97.0	39.10	90.6	37.22		
	-13.7	-15	116.6	42.86	110.0	42.00	103.6	40.62	100.0	38.72	97.0	37.04	90.6	35.22		
	-11.8	-13	116.6	41.36	110.0	40.48	103.6	39.16	100.0	37.32	97.0	35.74	90.6	33.96		
	-9.8	-11	116.6	39.78	110.0	38.90	103.6	37.60	100.0	35.86	97.0	34.36	90.6	32.64		
	-9.5	-10	116.6	39.54	110.0	38.66	103.6	37.38	100.0	35.64	97.0	34.16	90.6	32.44		
	-8.5	-9.1	116.6	38.76	110.0	37.86	103.6	36.60	100.0	34.90	97.0	33.48	90.6	31.76		
	-7.0	-7.6	116.6	37.58	110.0	36.66	103.6	35.44	100.0	33.80	97.0	32.44	90.6	30.76		
	-5.0	-5.6	116.6	36.02	110.0	35.06	103.6	33.90	100.0	32.34	97.0	31.06	90.6	29.44		
	-3.0	-3.7	116.6	34.44	110.0	33.48	103.6	32.36	100.0	30.88	97.0	29.70	90.6	28.12		
	0.0	-0.7	116.6	32.08	110.0	31.08	103.6	30.06	100.0	28.68	97.0	27.64	90.6	26.12		
	3.0	2.2	116.6	29.72	110.0	28.70	103.6	27.74	100.0	26.48	97.0	25.58	90.6	24.12		
	5.0	4.1	116.6	28.14	110.0	27.10	103.6	26.20	100.0	25.00	97.0	24.20	90.6	22.80		
	7.0	6.0	116.6	26.58	110.0	25.50	103.6	24.66	100.0	23.54	97.0	22.82	90.6	21.46		
	9.0	7.9	116.6	24.00	110.0	23.04	103.6	22.26	100.0	21.26	97.0	20.62	90.6	19.38		
11.0	9.8	116.6	22.34	110.0	21.44	103.6	20.74	100.0	19.80	97.0	19.20	90.6	18.04			
13.0	11.8	116.6	20.90	110.0	20.06	103.6	19.40	100.0	18.52	97.0	17.96	90.6	16.88			
15.0	13.7	116.6	19.72	110.0	18.92	103.6	18.28	100.0	17.46	97.0	16.94	90.6	15.92			
60	-24.8	-25	88.6	44.66	88.6	45.20	88.0	46.04	85.8	43.68	82.8	41.46	77.6	39.38		
	-21.8	-22	95.4	45.48	94.6	46.04	88.8	43.68	85.8	41.46	82.8	39.38	77.6	37.38		
	-19.8	-20	100.0	46.04	94.6	44.36	88.8	42.10	85.8	40.00	82.8	38.00	77.6	36.02		
	-18.8	-19	100.0	45.20	94.6	43.54	88.8	41.32	85.8	39.26	82.8	37.30	77.6	35.36		
	-16.7	-17	100.0	43.44	94.6	41.80	88.8	39.68	85.8	37.70	82.8	35.84	77.6	33.94		
	-13.7	-15	100.0	40.92	94.6	39.30	88.8	37.32	85.8	35.50	82.8	33.76	77.6	31.94		
	-11.8	-13	100.0	39.32	94.6	37.72	88.8	35.82	85.8	34.10	82.8	32.44	77.6	30.66		
	-9.8	-11	100.0	37.66	94.6	36.06	88.8	34.26	85.8	32.62	82.8	31.06	77.6	29.32		
	-9.5	-10	100.0	37.40	94.6	35.80	88.8	34.02	85.8	32.40	82.8	30.86	77.6	29.12		
	-8.5	-9.1	100.0	36.56	94.6	34.98	88.8	33.22	85.8	31.66	82.8	30.16	77.6	28.44		
	-7.0	-7.6	100.0	35.30	94.6	33.72	88.8	32.06	85.8	30.56	82.8	29.12	77.6	27.44		
	-5.0	-5.6	100.0	33.64	94.6	32.06	88.8	30.48	85.8	29.08	82.8	27.74	77.6	26.10		
	-3.0	-3.7	100.0	31.96	94.6	30.40	88.8	28.90	85.8	27.60	82.8	26.34	77.6	24.76		
	0.0	-0.7	100.0	29.44	94.6	27.90	88.8	26.56	85.8	25.40	82.8	24.26	77.6	22.74		
	3.0	2.2	100.0	26.92	94.6	25.40	88.8	24.20	85.8	23.18	82.8	22.18	77.6	20.74		
	5.0	4.1	100.0	25.26	94.6	23.74	88.8	22.62	85.8	21.70	82.8	20.80	77.6	19.40		
	7.0	6.0	100.0	23.58	94.6	22.08	88.8	21.06	85.8	20.24	82.8	19.42	77.6	18.04		
	9.0	7.9	100.0	21.04	94.6	19.70	88.8	18.78	85.8	18.06	82.8	17.32	77.6	16.10		
11.0	9.8	100.0	19.64	94.6	18.40	88.8	17.54	85.8	16.86	82.8	16.18	77.6	15.04			
13.0	11.8	100.0	18.40	94.6	17.24	88.8	16.44	85.8	15.80	82.8	15.14	77.6	14.08			
15.0	13.7	100.0	17.38	94.6	16.28	88.8	15.52	85.8	14.92	82.8	14.32	77.6	13.32			
50	-24.8	-25	83.4	39.00	78.6	39.84	74.0	37.76	71.6	35.82	69.2	33.98	64.4	32.26		
	-21.8	-22	83.4	39.84	78.6	37.76	74.0	35.82	71.6	33.98	69.2	32.26	64.4	30.60		
	-19.8	-20	83.4	38.38	78.6	36.38	74.0	34.52	71.6	32.74	69.2	31.12	64.4	29.50		
	-18.8	-19	83.4	37.66	78.6	35.68	74.0	33.86	71.6	32.12	69.2	30.54	64.4	28.94		
	-16.7	-17	83.4	36.14	78.6	34.22	74.0	32.50	71.6	30.84	69.2	29.34	64.4	27.80		
	-13.7	-15	83.4	33.98	78.6	32.14	74.0	30.56	71.6	29.00	69.2	27.62	64.4	26.14		
	-11.8	-13	83.4	32.60	78.6	30.82	74.0	29.34	71.6	27.84	69.2	26.54	64.4	25.10		
	-9.8	-11	83.4	31.16	78.6	29.44	74.0	28.04	71.6	26.60	69.2	25.40	64.4	23.98		
	-9.5	-10	83.4	30.94	78.6	29.24	74.0	27.84	71.6	26.42	69.2	25.22	64.4	23.82		
	-8.5	-9.1	83.4	30.22	78.6	28.54	74.0	27.20	71.6	25.80	69.2	24.66	64.4	23.28		
	-7.0	-7.6	83.4	29.14	78.6	27.50	74.0	26.22	71.6	24.88	69.2	23.80	64.4	22.44		
	-5.0	-5.6	83.4	27.70	78.6	26.12	74.0	24.92	71.6	23.66	69.2	22.64	64.4	21.34		
	-3.0	-3.7	83.4	26.24	78.6	24.74	74.0	23.64	71.6	22.44	69.2	21.50	64.4	20.24		
	0.0	-0.7	83.4	24.08	78.6	22.66	74.0	21.68	71.6	20.58	69.2	19.80	64.4	18.58		
	3.0	2.2	83.4	21.90	78.6	20.58	74.0	19.74	71.6	18.74	69.2	18.08	64.4	16.94		
	5.0	4.1	83.4	20.46	78.6	19.20	74.0	18.44	71.6	17.52	69.2	16.94	64.4	15.84		
	7.0	6.0	83.4	19.02	78.6	17.80	74.0	17.16	71.6	16.30	69.2	15.78	64.4	14.72		
	9.0	7.9	83.4	17.18	78.6	16.08	74.0	15.48	71.6	14.72	69.2	14.26	64.4	13.30		
11.0	9.8	83.4	16.06	78.6	15.04	74.0	14.50	71.6	13.76	69.2	13.34	64.4	12.44			
13.0	11.8	83.4	15.08	78.6	14.12	74.0	13.60	71.6	12.92	69.2	12.52	64.4	11.68			
15.0	13.7	83.4	14.28	78.6	13.36	74.0	12.88	71.6	12.24	69.2	11.86	64.4	11.06			

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

7.2.3 3 Units Combination

◆ ARUM500BTE5

Heating Capacity (50HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	96.6	50.32	96.6	50.87	96.1	51.35	96.1	52.10	96.1	52.81	94.6	53.92
	-21.8	-22	117.7	51.43	117.7	51.99	116.8	52.47	116.8	53.22	116.8	53.92	115.0	55.04
	-19.8	-20	124.1	52.18	124.1	52.73	123.3	53.22	123.3	53.96	123.3	54.67	121.4	55.78
	-18.8	-19	127.0	52.54	127.0	53.10	126.2	53.59	126.2	54.34	126.2	55.04	124.2	56.15
	-16.7	-17	133.1	53.33	133.1	53.89	132.2	54.37	132.2	55.12	132.2	55.82	130.1	56.94
	-13.7	-15	141.6	54.45	141.6	55.00	140.8	55.49	140.8	56.23	140.8	56.94	138.5	54.73
	-11.8	-13	146.2	55.15	146.2	55.71	145.4	56.20	145.4	56.94	145.4	57.68	143.8	53.31
	-9.8	-11	151.1	55.90	151.1	56.45	150.1	56.94	150.1	57.68	150.1	58.42	149.1	51.83
	-9.5	-10	152.0	56.01	152.0	56.57	151.1	56.69	151.1	57.43	150.9	58.17	150.0	51.62
	-8.5	-9.1	155.1	56.39	155.1	56.94	154.2	57.43	154.2	58.17	153.3	58.86	152.7	50.87
	-7.0	-7.6	159.8	56.94	159.8	57.72	158.7	58.17	158.7	58.91	157.7	59.64	156.5	49.76
	-5.0	-5.6	166.1	57.36	166.1	58.11	165.0	58.99	165.0	59.73	164.0	60.46	162.8	48.29
	-3.0	-3.7	172.3	57.79	172.3	58.49	171.2	59.37	171.2	60.11	170.2	60.84	169.0	47.15
	0.0	-0.7	181.6	51.42	181.6	50.07	180.5	48.88	180.5	47.47	180.5	46.14	176.3	44.58
	3.0	2.2	191.0	49.05	191.0	47.64	189.7	46.42	189.7	45.07	188.2	43.78	176.4	42.37
	5.0	4.1	196.6	47.47	196.6	46.02	195.6	44.76	194.4	43.48	189.4	42.20	176.4	40.89
	7.0	6.0	201.1	45.89	201.1	44.42	199.9	43.13	196.3	41.88	189.4	40.63	176.4	39.40
	9.0	7.9	201.9	44.59	201.9	43.15	201.2	41.90	196.3	40.67	189.4	39.47	176.4	38.28
11.0	9.8	201.9	43.67	201.9	42.26	201.2	41.03	196.3	39.84	189.4	38.65	176.4	37.49	
13.0	11.8	201.9	42.68	201.9	41.30	201.2	40.11	196.3	38.94	189.4	37.78	176.4	36.64	
15.0	13.7	201.9	41.62	201.9	40.28	201.2	39.11	196.3	37.97	189.4	36.83	176.4	35.73	
120	-24.8	-25	96.0	50.87	96.0	51.35	95.4	52.10	95.4	52.81	95.4	53.92	93.9	54.70
	-21.8	-22	116.8	51.99	116.8	52.47	116.0	53.22	116.0	53.92	116.0	55.04	114.3	55.82
	-19.8	-20	123.2	52.73	123.2	53.22	122.4	53.96	122.4	54.67	122.4	55.78	120.5	56.57
	-18.8	-19	126.1	53.10	126.1	53.59	125.2	54.34	125.2	55.04	125.2	56.15	123.3	56.94
	-16.7	-17	132.1	53.89	132.1	54.37	131.3	55.12	131.3	55.82	131.3	56.94	129.1	55.51
	-13.7	-15	140.5	55.00	140.5	55.49	139.7	56.23	139.7	56.94	139.7	57.68	137.5	53.46
	-11.8	-13	145.1	55.71	145.1	56.20	144.3	56.94	144.3	57.68	144.3	58.42	142.7	52.18
	-9.8	-11	150.0	56.45	150.0	56.94	149.1	57.43	149.1	58.17	149.1	58.91	147.5	50.87
	-9.5	-10	151.0	56.57	151.0	56.67	150.1	57.43	150.1	58.17	150.1	58.91	149.1	50.61
	-8.5	-9.1	154.1	56.94	154.1	57.19	153.0	57.68	153.0	58.42	153.0	59.16	151.9	49.93
	-7.0	-7.6	158.7	57.36	158.7	57.72	157.7	58.17	157.7	58.91	156.7	59.64	155.5	48.92
	-5.0	-5.6	164.9	57.86	164.9	58.21	163.8	58.99	163.8	59.73	162.8	60.46	161.6	47.55
	-3.0	-3.7	171.1	58.09	171.1	58.59	170.0	59.47	170.0	60.21	169.0	60.84	167.8	46.20
	0.0	-0.7	180.3	49.45	180.3	48.30	179.1	47.11	179.1	46.06	177.9	45.08	165.7	44.15
	3.0	2.2	189.6	46.81	189.6	45.65	187.5	44.62	184.0	43.68	178.2	42.95	165.7	42.12
	5.0	4.1	195.2	45.05	194.7	43.87	190.3	42.94	184.0	42.08	178.2	41.52	165.7	40.75
	7.0	6.0	199.7	43.28	198.2	42.11	190.3	41.29	184.0	40.49	178.2	40.12	165.7	39.39
	9.0	7.9	200.3	41.95	198.2	40.82	190.3	40.02	184.0	39.25	178.2	38.88	165.7	38.19
11.0	9.8	200.3	40.99	198.2	39.88	190.3	39.09	184.0	38.34	178.2	37.98	165.7	37.30	
13.0	11.8	200.3	39.95	198.2	38.86	190.3	38.10	184.0	37.38	178.2	37.02	165.7	36.37	
15.0	13.7	200.3	38.84	198.2	37.79	190.3	37.05	184.0	36.34	178.2	35.99	165.7	35.35	
110	-24.8	-25	95.5	51.35	95.5	52.10	94.9	52.81	94.9	53.92	94.9	54.70	93.4	55.07
	-21.8	-22	116.2	52.47	116.2	53.22	115.4	53.92	115.4	55.04	115.4	55.82	113.7	56.20
	-19.8	-20	122.6	53.22	122.6	53.96	121.8	54.67	121.8	55.78	121.8	56.57	119.9	56.94
	-18.8	-19	125.4	53.59	125.4	54.34	124.5	55.04	124.5	56.15	124.5	56.94	122.7	56.19
	-16.7	-17	131.4	54.37	131.4	55.12	130.6	55.82	130.6	56.94	130.6	57.68	128.4	54.61
	-13.7	-15	139.8	55.49	139.8	56.23	138.9	56.94	138.9	57.68	138.9	58.42	136.7	52.36
	-11.8	-13	144.4	56.20	144.4	56.94	143.5	57.68	143.5	58.42	143.5	59.16	141.3	50.93
	-9.8	-11	149.2	56.94	149.2	57.68	148.3	58.42	148.3	59.16	148.3	60.00	146.1	49.44
	-9.5	-10	150.1	57.05	150.1	57.79	149.3	58.53	149.3	59.27	149.3	60.00	148.8	49.21
	-8.5	-9.1	153.2	57.43	153.2	58.17	152.3	58.91	152.3	59.64	152.3	60.38	150.6	48.46
	-7.0	-7.6	157.9	57.86	157.9	58.21	156.9	58.99	156.9	59.73	156.9	60.46	154.7	47.33
	-5.0	-5.6	164.0	58.21	164.0	58.56	162.9	59.34	162.9	60.07	161.9	60.80	160.6	46.20
	-3.0	-3.7	170.1	58.56	170.1	58.91	169.0	59.79	169.0	60.52	168.0	61.25	166.7	45.07
	0.0	-0.7	179.4	47.05	179.0	45.93	177.7	45.04	177.7	44.15	176.5	43.26	175.3	42.08
	3.0	2.2	188.1	44.03	182.0	43.14	170.7	42.43	165.2	41.60	159.6	40.93	149.1	39.81
	5.0	4.1	192.5	42.01	182.0	41.26	170.7	40.69	165.2	40.05	159.6	39.46	149.1	38.32
	7.0	6.0	192.6	40.01	182.0	39.40	170.7	38.95	165.2	38.48	159.6	37.99	149.1	36.82
	9.0	7.9	192.6	38.61	182.0	38.02	170.7	37.60	165.2	37.14	159.6	36.66	149.1	35.53
11.0	9.8	192.6	37.53	182.0	36.96	170.7	36.55	165.2	36.10	159.6	35.65	149.1	34.54	
13.0	11.8	192.6	36.38	182.0	35.84	170.7	35.44	165.2	35.00	159.6	34.56	149.1	33.49	
15.0	13.7	192.6	35.17	182.0	34.64	170.7	34.26	165.2	33.83	159.6	33.40	149.1	32.37	

7. Capacity Tables

Heating Capacity (50HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	95.1	57.10	95.1	57.07	94.5	53.84	94.5	57.03	94.5	57.01	93.0	56.99
	-21.8	-22	115.6	57.07	115.6	57.04	115.0	55.53	115.0	56.99	115.0	57.78	113.1	56.96
	-19.8	-20	122.0	57.04	122.0	57.02	121.3	56.62	121.3	56.97	121.3	57.23	119.4	56.94
	-18.8	-19	124.8	57.03	124.1	57.01	124.1	56.99	124.1	56.96	124.1	56.94	122.1	56.02
	-16.7	-17	130.0	57.01	130.0	56.99	130.0	57.78	129.3	56.94	129.3	55.05	127.2	54.11
	-13.7	-15	139.1	56.98	139.1	56.96	138.3	56.94	138.3	54.20	138.3	52.36	136.3	51.36
	-11.8	-13	143.7	56.96	142.9	56.94	142.9	55.10	142.9	52.46	142.9	50.64	136.3	49.62
	-9.8	-11	148.4	56.94	148.4	54.87	147.7	53.16	147.7	50.62	146.2	48.85	136.3	47.80
	-9.5	-10	149.3	56.61	149.3	54.56	148.6	52.86	148.6	50.36	146.2	48.58	136.3	47.53
	-8.5	-9.1	152.4	55.52	152.4	53.52	151.7	51.89	151.2	49.45	146.2	47.68	136.3	46.61
	-7.0	-7.6	159.6	53.91	159.0	51.99	156.2	50.44	151.2	48.08	146.2	46.33	136.3	45.24
	-5.0	-5.6	166.5	51.74	164.9	49.91	156.2	48.50	151.2	46.24	146.2	44.53	136.3	43.42
	-3.0	-3.7	171.4	49.56	166.2	47.85	156.2	46.55	151.2	44.41	146.2	42.73	136.3	41.59
	0.0	-0.7	176.1	46.32	166.2	44.75	156.2	43.65	151.2	41.67	146.2	40.04	136.3	38.85
	3.0	2.2	176.1	43.07	166.2	41.64	156.2	40.74	151.2	38.92	146.2	37.33	136.3	36.10
	5.0	4.1	176.1	40.90	166.2	39.58	156.2	38.79	151.2	37.09	146.2	35.54	136.3	34.28
	7.0	6.0	176.1	38.73	166.2	37.51	156.2	36.86	151.2	35.26	146.2	33.74	136.3	32.45
	9.0	7.9	176.1	37.13	166.2	35.96	156.2	35.34	151.2	33.81	146.2	32.34	136.3	31.11
	11.0	9.8	176.1	35.84	166.2	34.72	156.2	34.12	151.2	32.64	146.2	31.22	136.3	30.03
	13.0	11.8	176.1	34.47	166.2	33.39	156.2	32.81	151.2	31.39	146.2	30.04	136.3	28.88
15.0	13.7	176.1	33.03	166.2	32.00	156.2	31.43	151.2	30.07	146.2	28.78	136.3	27.68	
90	-24.8	-25	94.7	50.63	94.7	51.76	94.1	52.54	94.1	52.91	94.1	53.66	92.7	54.78
	-21.8	-22	115.2	51.76	115.2	52.87	114.6	53.66	114.6	54.03	114.6	54.78	112.6	52.39
	-19.8	-20	121.6	52.50	121.6	53.62	120.8	54.41	120.8	54.78	120.8	55.15	118.9	50.80
	-18.8	-19	124.8	52.87	124.1	53.99	123.6	54.78	123.6	53.94	123.6	52.33	121.7	50.01
	-16.7	-17	130.0	53.66	130.0	54.78	129.4	53.03	129.4	52.17	129.4	50.62	124.4	48.34
	-13.7	-15	139.1	54.78	139.1	52.19	137.9	50.55	137.9	49.64	134.0	48.17	124.4	45.96
	-11.8	-13	143.7	53.00	142.9	50.54	142.3	48.98	138.5	48.04	134.0	46.62	124.4	44.44
	-9.8	-11	148.4	51.12	148.4	48.82	143.0	47.31	138.5	46.36	134.0	44.98	124.4	42.85
	-9.5	-10	149.3	50.84	149.3	48.55	143.0	47.07	138.5	46.12	134.0	44.75	124.4	42.61
	-8.5	-9.1	152.4	49.90	151.3	47.68	143.0	46.24	138.5	45.27	134.0	43.93	124.4	41.81
	-7.0	-7.6	159.6	48.51	151.8	46.39	143.0	44.99	138.5	44.01	134.0	42.71	124.4	40.63
	-5.0	-5.6	161.3	46.63	151.8	44.66	143.0	43.32	138.5	42.34	134.0	41.07	124.4	39.04
	-3.0	-3.7	161.3	44.76	151.8	42.93	143.0	41.68	138.5	40.66	134.0	39.44	124.4	37.46
	0.0	-0.7	161.3	41.95	151.8	40.35	143.0	39.19	138.5	38.13	134.0	36.99	124.4	35.06
	3.0	2.2	161.3	39.13	151.8	37.75	143.0	36.70	138.5	35.60	134.0	34.55	124.4	32.68
	5.0	4.1	161.3	37.27	151.8	36.02	143.0	35.05	138.5	33.92	134.0	32.92	124.4	31.09
	7.0	6.0	161.3	35.40	151.8	34.30	143.0	33.38	138.5	32.24	134.0	31.29	124.4	29.49
	9.0	7.9	161.3	33.63	151.8	32.61	143.0	31.72	138.5	30.64	134.0	29.73	124.4	28.04
	11.0	9.8	161.3	31.88	151.8	30.90	143.0	30.06	138.5	29.04	134.0	28.18	124.4	26.56
	13.0	11.8	161.3	30.11	151.8	29.20	143.0	28.41	138.5	27.43	134.0	26.62	124.4	25.11
15.0	13.7	161.3	28.36	151.8	27.49	143.0	26.75	138.5	25.83	134.0	25.07	124.4	23.64	
80	-24.8	-25	94.3	44.43	94.3	45.55	93.7	46.33	93.7	46.71	93.7	48.57	92.3	46.48
	-21.8	-22	113.9	45.55	113.9	46.67	113.9	47.46	113.9	48.57	113.9	46.48	111.2	44.47
	-19.8	-20	120.3	46.30	120.3	47.41	120.3	48.57	120.3	47.09	119.3	45.08	111.2	43.12
	-18.8	-19	123.1	46.67	123.1	48.57	123.1	47.82	123.1	46.35	119.5	44.38	111.2	42.44
	-16.7	-17	127.8	48.57	127.8	47.01	127.8	46.24	124.0	44.78	119.5	42.91	111.2	41.04
	-13.7	-15	133.6	46.24	131.0	44.75	127.8	43.98	124.0	42.56	119.5	40.80	111.2	39.02
	-11.8	-13	137.0	44.77	132.9	43.33	127.8	42.54	124.0	41.16	119.5	39.47	111.2	37.75
	-9.8	-11	140.6	43.21	134.9	41.84	127.8	41.05	124.0	39.68	119.5	38.08	111.2	36.41
	-9.5	-10	141.6	42.97	135.6	41.61	127.8	40.82	124.0	39.45	119.5	37.87	111.2	36.21
	-8.5	-9.1	143.1	42.19	136.2	40.87	127.8	40.07	124.0	38.72	119.5	37.18	111.2	35.54
	-7.0	-7.6	144.5	41.03	136.2	39.75	127.8	38.94	124.0	37.60	119.5	36.12	111.2	34.53
	-5.0	-5.6	144.5	39.47	136.2	38.25	127.8	37.43	124.0	36.12	119.5	34.72	111.2	33.19
	-3.0	-3.7	144.5	37.91	136.2	36.74	127.8	35.94	124.0	34.64	119.5	33.32	111.2	31.84
	0.0	-0.7	144.5	35.59	136.2	34.51	127.8	33.68	124.0	32.41	119.5	31.23	111.2	29.84
	3.0	2.2	144.5	33.25	136.2	32.27	127.8	31.41	124.0	30.19	119.5	29.13	111.2	27.83
	5.0	4.1	144.5	31.71	136.2	30.76	127.8	29.91	124.0	28.70	119.5	27.73	111.2	26.48
	7.0	6.0	144.5	30.15	136.2	29.27	127.8	28.40	124.0	27.22	119.5	26.33	111.2	25.14
	9.0	7.9	144.5	28.31	136.2	27.48	127.8	26.67	124.0	25.56	119.5	24.73	111.2	23.61
	11.0	9.8	144.5	26.27	136.2	25.50	127.8	24.75	124.0	23.73	119.5	22.95	111.2	21.90
	13.0	11.8	144.5	24.52	136.2	23.80	127.8	23.11	124.0	22.15	119.5	21.42	111.2	20.45
15.0	13.7	144.5	23.08	136.2	22.42	127.8	21.75	124.0	20.84	119.5	20.17	111.2	19.26	

7. Capacity Tables

Heating Capacity (50HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	94.3	45.05	94.3	45.42	93.7	46.17	93.7	47.29	93.7	45.01	92.2	42.90
	-21.8	-22	109.5	46.17	109.5	46.54	108.8	47.29	105.1	45.01	102.0	42.90	95.2	40.84
	-19.8	-20	119.7	46.91	115.7	47.29	108.8	45.69	105.1	43.51	102.0	41.48	95.2	39.48
	-18.8	-19	122.3	47.29	115.7	46.46	108.8	44.89	105.1	42.75	102.0	40.77	95.2	38.81
	-16.7	-17	122.5	45.58	115.7	44.73	108.8	43.22	105.1	41.16	102.0	39.30	95.2	37.37
	-13.7	-15	122.5	43.13	115.7	42.26	108.8	40.83	105.1	38.89	102.0	37.17	95.2	35.32
	-11.8	-13	122.5	41.57	115.7	40.69	108.8	39.33	105.1	37.45	102.0	35.83	95.2	34.02
	-9.8	-11	122.5	39.94	115.7	39.04	108.8	37.73	105.1	35.95	102.0	34.41	95.2	32.67
	-9.5	-10	122.5	39.70	115.7	38.80	108.8	37.49	105.1	35.72	102.0	34.21	95.2	32.46
	-8.5	-9.1	122.5	38.89	115.7	37.97	108.8	36.69	105.1	34.96	102.0	33.50	95.2	31.77
	-7.0	-7.6	122.5	37.66	115.7	36.73	108.8	35.49	105.1	33.82	102.0	32.43	95.2	30.74
	-5.0	-5.6	122.5	36.04	115.7	35.08	108.8	33.90	105.1	32.32	102.0	31.02	95.2	29.39
	-3.0	-3.7	122.5	34.40	115.7	33.44	108.8	32.31	105.1	30.81	102.0	29.62	95.2	28.03
	0.0	-0.7	122.5	31.96	115.7	30.96	108.8	29.93	105.1	28.54	102.0	27.49	95.2	25.97
	3.0	2.2	122.5	29.51	115.7	28.50	108.8	27.54	105.1	26.28	102.0	25.38	95.2	23.93
	5.0	4.1	122.5	27.88	115.7	26.84	108.8	25.94	105.1	24.75	102.0	23.96	95.2	22.57
	7.0	6.0	122.5	26.25	115.7	25.19	108.8	24.35	105.1	23.25	102.0	22.55	95.2	21.20
9.0	7.9	122.5	23.70	115.7	22.75	108.8	21.99	105.1	20.99	102.0	20.36	95.2	19.14	
11.0	9.8	122.5	22.07	115.7	21.18	108.8	20.48	105.1	19.55	102.0	18.96	95.2	17.82	
13.0	11.8	122.5	20.65	115.7	19.81	108.8	19.16	105.1	18.29	102.0	17.74	95.2	16.68	
15.0	13.7	122.5	19.47	115.7	18.68	108.8	18.05	105.1	17.24	102.0	16.73	95.2	15.73	
60	-24.8	-25	93.5	44.31	93.5	45.05	92.9	46.17	90.2	43.78	87.1	41.53	81.5	39.42
	-21.8	-22	100.4	45.42	99.5	46.17	93.3	43.78	90.2	41.53	87.1	39.42	81.5	37.38
	-19.8	-20	105.1	46.17	99.5	44.47	93.3	42.18	90.2	40.03	87.1	38.01	81.5	36.01
	-18.8	-19	105.1	45.31	99.5	43.63	93.3	41.38	90.2	39.29	87.1	37.31	81.5	35.35
	-16.7	-17	105.1	43.52	99.5	41.85	93.3	39.71	90.2	37.71	87.1	35.83	81.5	33.92
	-13.7	-15	105.1	40.95	99.5	39.32	93.3	37.31	90.2	35.47	87.1	33.72	81.5	31.88
	-11.8	-13	105.1	39.33	99.5	37.71	93.3	35.79	90.2	34.05	87.1	32.39	81.5	30.59
	-9.8	-11	105.1	37.63	99.5	36.02	93.3	34.20	90.2	32.56	87.1	30.98	81.5	29.23
	-9.5	-10	105.1	37.38	99.5	35.77	93.3	33.96	90.2	32.33	87.1	30.77	81.5	29.03
	-8.5	-9.1	105.1	36.52	99.5	34.93	93.3	33.16	90.2	31.58	87.1	30.07	81.5	28.35
	-7.0	-7.6	105.1	35.24	99.5	33.65	93.3	31.96	90.2	30.46	87.1	29.01	81.5	27.33
	-5.0	-5.6	105.1	33.54	99.5	31.96	93.3	30.37	90.2	28.96	87.1	27.61	81.5	25.97
	-3.0	-3.7	105.1	31.82	99.5	30.27	93.3	28.77	90.2	27.47	87.1	26.20	81.5	24.61
	0.0	-0.7	105.1	29.26	99.5	27.73	93.3	26.39	90.2	25.23	87.1	24.09	81.5	22.58
	3.0	2.2	105.1	26.69	99.5	25.18	93.3	23.99	90.2	22.98	87.1	21.98	81.5	20.55
	5.0	4.1	105.1	25.00	99.5	23.50	93.3	22.39	90.2	21.47	87.1	20.58	81.5	19.19
	7.0	6.0	105.1	23.29	99.5	21.81	93.3	20.80	90.2	19.99	87.1	19.18	81.5	17.82
9.0	7.9	105.1	20.77	99.5	19.46	93.3	18.55	90.2	17.83	87.1	17.10	81.5	15.91	
11.0	9.8	105.1	19.40	99.5	18.17	93.3	17.32	90.2	16.65	87.1	15.97	81.5	14.85	
13.0	11.8	105.1	18.17	99.5	17.02	93.3	16.23	90.2	15.60	87.1	14.96	81.5	13.91	
15.0	13.7	105.1	17.17	99.5	16.09	93.3	15.33	90.2	14.74	87.1	14.15	81.5	13.15	
50	-24.8	-25	87.7	39.20	82.7	40.32	77.7	38.17	75.2	36.18	72.7	34.29	67.7	32.51
	-21.8	-22	87.7	40.32	82.7	38.17	77.7	36.18	75.2	34.29	72.7	32.51	67.7	30.82
	-19.8	-20	87.7	38.82	82.7	36.75	77.7	34.84	75.2	33.02	72.7	31.35	67.7	29.69
	-18.8	-19	87.7	38.07	82.7	36.04	77.7	34.17	75.2	32.38	72.7	30.75	67.7	29.12
	-16.7	-17	87.7	36.50	82.7	34.52	77.7	32.76	75.2	31.05	72.7	29.52	67.7	27.94
	-13.7	-15	87.7	34.27	82.7	32.38	77.7	30.76	75.2	29.17	72.7	27.76	67.7	26.25
	-11.8	-13	87.7	32.84	82.7	31.02	77.7	29.50	75.2	27.96	72.7	26.65	67.7	25.18
	-9.8	-11	87.7	31.35	82.7	29.60	77.7	28.16	75.2	26.70	72.7	25.47	67.7	24.04
	-9.5	-10	87.7	31.12	82.7	29.38	77.7	27.96	75.2	26.51	72.7	25.29	67.7	23.87
	-8.5	-9.1	87.7	30.38	82.7	28.67	77.7	27.29	75.2	25.88	72.7	24.71	67.7	23.31
	-7.0	-7.6	87.7	29.25	82.7	27.60	77.7	26.29	75.2	24.93	72.7	23.83	67.7	22.45
	-5.0	-5.6	87.7	27.77	82.7	26.16	77.7	24.95	75.2	23.67	72.7	22.64	67.7	21.33
	-3.0	-3.7	87.7	26.26	82.7	24.74	77.7	23.62	75.2	22.41	72.7	21.47	67.7	20.20
	0.0	-0.7	87.7	24.02	82.7	22.59	77.7	21.61	75.2	20.50	72.7	19.71	67.7	18.50
	3.0	2.2	87.7	21.77	82.7	20.45	77.7	19.61	75.2	18.62	72.7	17.95	67.7	16.81
	5.0	4.1	87.7	20.28	82.7	19.02	77.7	18.27	75.2	17.36	72.7	16.77	67.7	15.68
	7.0	6.0	87.7	18.78	82.7	17.59	77.7	16.95	75.2	16.10	72.7	15.59	67.7	14.55
9.0	7.9	87.7	16.96	82.7	15.88	77.7	15.29	75.2	14.53	72.7	14.08	67.7	13.13	
11.0	9.8	87.7	15.87	82.7	14.86	77.7	14.31	75.2	13.60	72.7	13.17	67.7	12.29	
13.0	11.8	87.7	14.89	82.7	13.95	77.7	13.43	75.2	12.76	72.7	12.37	67.7	11.54	
15.0	13.7	87.7	14.10	82.7	13.20	77.7	12.72	75.2	12.08	72.7	11.71	67.7	10.92	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM520BTE5

Heating Capacity (52HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	98.0	51.43	98.0	52.12	97.4	52.71	97.4	53.64	97.4	54.51	96.5	55.89
	-21.8	-22	119.6	52.81	119.6	53.50	118.8	54.10	118.8	55.02	118.8	55.89	117.6	57.28
	-19.8	-20	126.3	53.73	126.3	54.41	125.5	55.02	125.5	55.94	125.5	56.82	124.3	58.19
	-18.8	-19	129.4	54.18	129.4	54.88	128.6	55.48	128.6	56.40	128.6	57.28	127.3	58.65
	-16.7	-17	135.7	55.15	135.7	55.85	134.9	56.44	134.9	57.38	134.9	58.24	133.5	59.62
	-13.7	-15	144.7	56.54	144.7	57.22	143.8	57.83	143.8	58.75	143.8	59.62	142.3	57.37
	-11.8	-13	149.5	57.41	149.5	58.11	148.6	58.71	148.6	59.62	148.6	58.10	147.6	55.93
	-9.8	-11	154.6	58.34	154.6	59.02	153.6	59.62	153.6	58.00	153.6	56.50	152.9	54.42
	-9.5	-10	155.7	58.47	155.7	59.16	154.8	59.37	154.8	57.75	154.3	56.26	153.7	54.20
	-8.5	-9.1	159.9	58.94	159.9	59.62	159.0	58.55	159.0	56.94	156.9	55.46	156.4	53.43
	-7.0	-7.6	166.3	59.62	166.3	58.40	165.1	57.31	165.1	55.73	165.1	54.25	162.2	52.30
	-5.0	-5.6	174.7	58.05	174.7	56.78	173.5	55.65	173.5	54.11	173.5	52.66	168.0	50.80
	-3.0	-3.7	183.1	56.49	183.1	55.16	181.9	53.98	181.9	52.49	181.9	51.05	173.9	49.29
	0.0	-0.7	195.6	54.13	195.6	52.73	194.3	51.49	193.2	50.03	191.0	48.65	182.6	47.02
	3.0	2.2	202.7	51.77	202.7	50.29	201.6	49.01	200.0	47.60	196.3	46.24	183.5	44.77
	5.0	4.1	206.7	50.19	206.7	48.67	205.8	47.34	203.0	45.98	197.0	44.64	183.5	43.26
	7.0	6.0	209.5	48.62	209.5	47.06	208.5	45.69	204.2	44.36	197.0	43.04	183.5	41.75
9.0	7.9	210.0	47.33	210.0	45.80	209.3	44.47	204.2	43.17	197.0	41.90	183.5	40.63	
11.0	9.8	210.0	46.45	210.0	44.95	209.3	43.64	204.2	42.37	197.0	41.11	183.5	39.88	
13.0	11.8	210.0	45.49	210.0	44.02	209.3	42.75	204.2	41.50	197.0	40.27	183.5	39.06	
15.0	13.7	210.0	44.47	210.0	43.04	209.3	41.79	204.2	40.57	197.0	39.36	183.5	38.18	
120	-24.8	-25	97.4	52.12	97.4	52.71	96.7	53.64	96.7	54.51	96.7	55.89	95.8	56.86
	-21.8	-22	118.8	53.50	118.8	54.10	118.0	55.02	118.0	55.89	118.0	57.28	116.9	58.24
	-19.8	-20	125.5	54.41	125.5	55.02	124.6	55.94	124.6	56.82	124.6	58.19	123.4	59.16
	-18.8	-19	128.4	54.88	128.4	55.48	127.6	56.40	127.6	57.28	127.6	58.65	126.4	59.62
	-16.7	-17	134.7	55.85	134.7	56.44	133.9	57.38	133.9	58.24	133.9	59.62	132.5	58.17
	-13.7	-15	143.6	57.22	143.6	57.83	142.7	58.75	142.7	59.62	142.7	57.46	141.3	56.08
	-11.8	-13	148.4	58.11	148.4	58.71	147.5	59.62	147.5	58.09	147.5	56.09	146.5	54.77
	-9.8	-11	153.4	59.02	153.4	59.62	152.5	57.93	152.5	56.47	152.5	54.64	151.8	53.39
	-9.5	-10	154.7	59.16	154.7	59.36	153.8	57.69	153.8	56.23	153.8	54.42	153.1	53.17
	-8.5	-9.1	158.9	59.62	158.9	58.47	157.8	56.84	157.8	55.42	157.3	53.71	156.5	52.48
	-7.0	-7.6	165.1	58.30	165.1	57.12	164.1	55.57	164.1	54.21	162.0	52.61	161.0	51.45
	-5.0	-5.6	173.5	56.52	173.5	55.34	172.3	53.88	172.3	52.60	172.3	51.17	166.9	50.05
	-3.0	-3.7	181.7	54.74	181.7	53.56	180.6	52.19	180.6	50.98	179.7	49.72	171.7	48.67
	0.0	-0.7	194.2	52.08	193.7	50.88	190.3	49.65	188.3	48.56	185.2	47.55	172.3	46.59
	3.0	2.2	201.2	49.41	200.5	48.20	196.3	47.12	191.4	46.14	185.4	45.38	172.3	44.51
	5.0	4.1	205.2	47.63	204.0	46.39	198.0	45.42	191.4	44.51	185.4	43.93	172.3	43.12
	7.0	6.0	208.0	45.85	206.2	44.61	198.0	43.74	191.4	42.90	185.4	42.50	172.3	41.73
9.0	7.9	208.4	44.52	206.2	43.32	198.0	42.47	191.4	41.65	185.4	41.26	172.3	40.53	
11.0	9.8	208.4	43.58	206.2	42.41	198.0	41.56	191.4	40.77	185.4	40.39	172.3	39.67	
13.0	11.8	208.4	42.57	206.2	41.41	198.0	40.59	191.4	39.83	185.4	39.45	172.3	38.75	
15.0	13.7	208.4	41.48	206.2	40.36	198.0	39.57	191.4	38.81	185.4	38.44	172.3	37.76	
110	-24.8	-25	96.8	52.71	96.8	53.64	96.3	54.51	96.3	55.89	96.3	56.86	95.3	57.32
	-21.8	-22	118.2	54.10	118.2	55.02	117.4	55.89	117.4	57.28	117.4	58.24	116.3	58.71
	-19.8	-20	124.8	55.02	124.8	55.94	124.0	56.82	124.0	58.19	124.0	59.16	122.7	59.62
	-18.8	-19	127.7	55.48	127.7	56.40	126.9	57.28	126.9	58.65	126.9	59.62	125.7	58.85
	-16.7	-17	134.0	56.44	134.0	57.38	133.2	58.24	133.2	59.62	133.2	58.05	131.8	57.23
	-13.7	-15	142.9	57.83	142.9	58.75	141.9	59.62	141.9	57.24	141.9	55.79	141.9	54.93
	-11.8	-13	147.6	58.71	147.6	59.62	146.7	57.93	146.7	55.74	146.7	54.37	146.7	53.46
	-9.8	-11	152.6	59.62	152.6	57.73	151.7	56.17	151.7	54.14	151.7	52.87	151.4	51.93
	-9.5	-10	153.8	59.31	153.8	57.44	153.0	55.91	153.0	53.89	153.0	52.65	152.7	51.70
	-8.5	-9.1	158.0	58.29	158.0	56.49	157.0	55.02	157.0	53.10	156.7	51.89	154.5	50.93
	-7.0	-7.6	164.2	56.74	164.2	55.06	163.2	53.68	163.2	51.91	161.7	50.76	155.1	49.78
	-5.0	-5.6	172.5	54.70	172.5	53.16	171.3	51.91	170.3	50.32	165.1	49.26	155.1	48.24
	-3.0	-3.7	180.7	52.64	180.7	51.25	176.5	50.13	171.9	48.73	166.0	47.77	155.1	46.71
	0.0	-0.7	191.2	49.56	187.4	48.40	177.6	47.48	171.9	46.34	166.0	45.51	155.1	44.40
	3.0	2.2	197.5	46.48	189.3	45.55	177.6	44.82	171.9	43.96	166.0	43.26	155.1	42.08
	5.0	4.1	200.3	44.43	189.3	43.64	177.6	43.04	171.9	42.37	166.0	41.75	155.1	40.55
	7.0	6.0	200.3	42.38	189.3	41.74	177.6	41.27	171.9	40.77	166.0	40.25	155.1	39.01
9.0	7.9	200.3	40.97	189.3	40.35	177.6	39.90	171.9	39.41	166.0	38.90	155.1	37.71	
11.0	9.8	200.3	39.90	189.3	39.30	177.6	38.86	171.9	38.39	166.0	37.90	155.1	36.73	
13.0	11.8	200.3	38.76	189.3	38.19	177.6	37.76	171.9	37.29	166.0	36.82	155.1	35.68	
15.0	13.7	200.3	37.56	189.3	36.99	177.6	36.58	171.9	36.13	166.0	35.67	155.1	34.57	

7. Capacity Tables

Heating Capacity (52HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	96.4	58.61	96.4	58.74	95.8	55.91	95.8	59.08	95.8	59.23	94.8	59.28
	-21.8	-22	117.5	58.82	117.5	58.94	116.9	57.67	116.9	59.28	116.9	60.25	115.6	59.49
	-19.8	-20	124.2	58.94	124.2	59.08	123.5	58.81	123.5	59.41	123.5	59.84	122.3	59.62
	-18.8	-19	127.2	59.01	126.4	59.15	126.4	59.28	126.4	59.48	126.4	59.62	125.1	58.68
	-16.7	-17	132.6	59.15	132.6	59.29	132.6	60.25	131.9	59.62	131.9	57.68	130.5	56.71
	-13.7	-15	142.2	59.36	142.2	59.50	141.3	59.62	141.3	56.81	141.3	54.91	140.0	53.87
	-11.8	-13	146.9	59.49	146.1	59.62	146.1	57.74	146.1	55.02	146.1	53.14	141.5	52.08
	-9.8	-11	151.7	59.62	151.7	57.51	151.1	55.76	151.1	53.14	150.1	51.29	141.7	50.20
	-9.5	-10	153.0	59.29	153.0	57.19	152.3	55.45	152.3	52.87	150.7	51.02	141.7	49.92
	-8.5	-9.1	157.1	58.18	157.1	56.13	156.4	54.45	157.3	51.93	152.1	50.09	141.7	48.98
	-7.0	-7.6	166.0	56.53	165.4	54.56	162.5	52.97	157.3	50.52	152.1	48.70	141.7	47.56
	-5.0	-5.6	173.3	54.32	171.5	52.43	162.5	50.97	157.3	48.63	152.1	46.85	141.7	45.69
	-3.0	-3.7	178.3	52.09	172.9	50.32	162.5	48.98	157.3	46.75	152.1	45.00	141.7	43.80
	0.0	-0.7	183.3	48.78	172.9	47.15	162.5	46.01	157.3	43.93	152.1	42.23	141.7	40.97
	3.0	2.2	183.3	45.46	172.9	43.97	162.5	43.02	157.3	41.12	152.1	39.44	141.7	38.14
	5.0	4.1	183.3	43.25	172.9	41.86	162.5	41.03	157.3	39.24	152.1	37.60	141.7	36.26
	7.0	6.0	183.3	41.03	172.9	39.74	162.5	39.05	157.3	37.36	152.1	35.74	141.7	34.38
	9.0	7.9	183.3	39.37	172.9	38.13	162.5	37.47	157.3	35.85	152.1	34.30	141.7	32.98
	11.0	9.8	183.3	38.04	172.9	36.85	162.5	36.21	157.3	34.64	152.1	33.14	141.7	31.87
	13.0	11.8	183.3	36.62	172.9	35.47	162.5	34.86	157.3	33.35	152.1	31.91	141.7	30.68
15.0	13.7	183.3	35.14	172.9	34.03	162.5	33.44	157.3	31.98	152.1	30.61	141.7	29.44	
90	-24.8	-25	96.0	52.00	96.0	53.39	95.4	54.35	95.4	54.81	95.4	55.74	94.5	57.12
	-21.8	-22	117.1	53.39	117.1	54.77	116.5	55.74	116.5	56.20	116.5	57.12	115.2	54.68
	-19.8	-20	123.8	54.30	123.8	55.69	122.9	56.66	122.9	57.12	122.9	58.46	121.7	53.05
	-18.8	-19	127.2	54.77	126.4	56.15	125.9	57.12	125.9	56.27	125.9	54.62	124.7	52.24
	-16.7	-17	132.6	55.74	132.6	57.12	132.0	55.35	132.0	54.46	132.0	52.88	128.5	50.53
	-13.7	-15	142.2	57.12	142.2	54.49	140.9	52.82	140.9	51.89	138.3	50.38	129.5	48.10
	-11.8	-13	146.9	55.32	146.1	52.82	145.5	51.22	142.9	50.26	139.4	48.80	129.5	46.54
	-9.8	-11	151.7	53.42	151.7	51.07	147.6	49.53	144.1	48.55	139.4	47.12	129.5	44.91
	-9.5	-10	153.0	53.13	153.0	50.80	148.2	49.28	144.1	48.30	139.4	46.89	129.5	44.67
	-8.5	-9.1	157.1	52.18	156.0	49.92	148.7	48.43	144.1	47.43	139.4	46.05	129.5	43.85
	-7.0	-7.6	166.0	50.77	157.9	48.61	148.7	47.17	144.1	46.15	139.4	44.80	129.5	42.64
	-5.0	-5.6	167.8	48.87	157.9	46.86	148.7	45.47	144.1	44.44	139.4	43.13	129.5	41.01
	-3.0	-3.7	167.8	46.97	157.9	45.10	148.7	43.80	144.1	42.73	139.4	41.46	129.5	39.39
	0.0	-0.7	167.8	44.14	157.9	42.48	148.7	41.28	144.1	40.16	139.4	38.96	129.5	36.94
	3.0	2.2	167.8	41.28	157.9	39.84	148.7	38.74	144.1	37.58	139.4	36.47	129.5	34.51
	5.0	4.1	167.8	39.39	157.9	38.09	148.7	37.06	144.1	35.87	139.4	34.81	129.5	32.88
	7.0	6.0	167.8	37.50	157.9	36.34	148.7	35.36	144.1	34.16	139.4	33.15	129.5	31.25
	9.0	7.9	167.8	35.70	157.9	34.62	148.7	33.67	144.1	32.53	139.4	31.57	129.5	29.77
	11.0	9.8	167.8	33.93	157.9	32.88	148.7	31.99	144.1	30.90	139.4	29.98	129.5	28.27
	13.0	11.8	167.8	32.13	157.9	31.15	148.7	30.31	144.1	29.27	139.4	28.40	129.5	26.79
15.0	13.7	167.8	30.35	157.9	29.41	148.7	28.62	144.1	27.64	139.4	26.83	129.5	25.29	
80	-24.8	-25	95.6	45.53	95.6	46.92	95.0	47.88	95.0	48.35	95.0	50.64	94.1	48.51
	-21.8	-22	115.8	46.92	115.8	48.30	115.8	49.27	115.8	50.64	115.8	48.51	113.9	46.44
	-19.8	-20	122.5	47.84	122.5	49.21	122.5	50.64	122.5	49.13	121.8	47.07	115.7	45.06
	-18.8	-19	125.4	48.30	125.4	50.64	125.4	49.88	125.4	48.37	122.9	46.36	115.7	44.37
	-16.7	-17	130.9	50.64	130.9	49.06	130.9	48.27	128.2	46.78	124.4	44.85	115.7	42.93
	-13.7	-15	139.0	48.28	136.3	46.76	133.0	45.97	129.0	44.51	124.4	42.70	115.7	40.86
	-11.8	-13	142.5	46.78	138.3	45.31	133.0	44.50	129.0	43.08	124.4	41.34	115.7	39.56
	-9.8	-11	145.9	45.20	140.1	43.79	133.0	42.98	129.0	41.56	124.4	39.92	115.7	38.19
	-9.5	-10	146.9	44.96	140.9	43.56	133.0	42.75	129.0	41.33	124.4	39.70	115.7	37.98
	-8.5	-9.1	148.6	44.17	141.7	42.81	133.0	41.98	129.0	40.58	124.4	38.99	115.7	37.29
	-7.0	-7.6	150.3	42.99	141.7	41.67	133.0	40.83	129.0	39.44	124.4	37.91	115.7	36.25
	-5.0	-5.6	150.3	41.40	141.7	40.14	133.0	39.29	129.0	37.93	124.4	36.48	115.7	34.88
	-3.0	-3.7	150.3	39.82	141.7	38.61	133.0	37.77	129.0	36.42	124.4	35.05	115.7	33.50
	0.0	-0.7	150.3	37.46	141.7	36.34	133.0	35.47	129.0	34.14	124.4	32.91	115.7	31.45
	3.0	2.2	150.3	35.09	141.7	34.06	133.0	33.15	129.0	31.87	124.4	30.76	115.7	29.39
	5.0	4.1	150.3	33.52	141.7	32.53	133.0	31.63	129.0	30.35	124.4	29.33	115.7	28.01
	7.0	6.0	150.3	31.94	141.7	31.01	133.0	30.09	129.0	28.84	124.4	27.89	115.7	26.64
	9.0	7.9	150.3	29.99	141.7	29.12	133.0	28.26	129.0	27.08	124.4	26.20	115.7	25.01
	11.0	9.8	150.3	27.83	141.7	27.02	133.0	26.22	129.0	25.14	124.4	24.31	115.7	23.20
	13.0	11.8	150.3	25.97	141.7	25.22	133.0	24.48	129.0	23.46	124.4	22.69	115.7	21.66
15.0	13.7	150.3	24.46	141.7	23.75	133.0	23.04	129.0	22.08	124.4	21.37	115.7	20.40	

7. Capacity Tables

Heating Capacity (52HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	95.6	46.35	95.6	46.81	95.0	47.74	95.0	49.12	95.0	46.81	94.0	44.65
	-21.8	-22	112.7	47.74	113.0	48.20	112.2	49.12	109.3	46.81	106.1	44.65	99.0	42.55
	-19.8	-20	122.1	48.66	119.2	49.12	113.2	47.50	109.3	45.27	106.1	43.20	99.0	41.16
	-18.8	-19	124.8	49.12	120.1	48.28	113.2	46.69	109.3	44.50	106.1	42.48	99.0	40.46
	-16.7	-17	127.1	47.39	120.3	46.53	113.2	44.98	109.3	42.88	106.1	40.97	99.0	38.99
	-13.7	-15	127.4	44.91	120.3	44.02	113.2	42.56	109.3	40.57	106.1	38.81	99.0	36.90
	-11.8	-13	127.4	43.33	120.3	42.42	113.2	41.03	109.3	39.10	106.1	37.44	99.0	35.57
	-9.8	-11	127.4	41.68	120.3	40.75	113.2	39.40	109.3	37.57	106.1	35.99	99.0	34.18
	-9.5	-10	127.4	41.43	120.3	40.50	113.2	39.16	109.3	37.33	106.1	35.78	99.0	33.98
	-8.5	-9.1	127.4	40.61	120.3	39.67	113.2	38.34	109.3	36.56	106.1	35.06	99.0	33.27
	-7.0	-7.6	127.4	39.37	120.3	38.40	113.2	37.13	109.3	35.40	106.1	33.97	99.0	32.22
	-5.0	-5.6	127.4	37.72	120.3	36.73	113.2	35.51	109.3	33.87	106.1	32.54	99.0	30.83
	-3.0	-3.7	127.4	36.07	120.3	35.07	113.2	33.90	109.3	32.34	106.1	31.10	99.0	29.44
	0.0	-0.7	127.4	33.59	120.3	32.55	113.2	31.47	109.3	30.02	106.1	28.93	99.0	27.34
	3.0	2.2	127.4	31.12	120.3	30.04	113.2	29.04	109.3	27.72	106.1	26.77	99.0	25.25
	5.0	4.1	127.4	29.46	120.3	28.36	113.2	27.42	109.3	26.16	106.1	25.33	99.0	23.86
	7.0	6.0	127.4	27.81	120.3	26.69	113.2	25.80	109.3	24.63	106.1	23.89	99.0	22.46
	9.0	7.9	127.4	25.11	120.3	24.11	113.2	23.29	109.3	22.24	106.1	21.57	99.0	20.28
	11.0	9.8	127.4	23.38	120.3	22.43	113.2	21.70	109.3	20.71	106.1	20.09	99.0	18.88
	13.0	11.8	127.4	21.88	120.3	20.99	113.2	20.30	109.3	19.37	106.1	18.79	99.0	17.67
15.0	13.7	127.4	20.62	120.3	19.79	113.2	19.13	109.3	18.27	106.1	17.72	99.0	16.66	
60	-24.8	-25	95.0	45.44	95.0	46.35	94.4	47.74	92.5	45.32	90.3	43.03	84.8	40.89
	-21.8	-22	103.5	46.81	103.5	47.74	97.1	45.32	93.8	43.03	90.6	40.89	84.8	38.82
	-19.8	-20	109.3	47.74	103.5	46.02	97.1	43.70	93.8	41.52	90.6	39.46	84.8	37.42
	-18.8	-19	109.3	46.88	103.5	45.17	97.1	42.89	93.8	40.76	90.6	38.74	84.8	36.74
	-16.7	-17	109.3	45.07	103.5	43.38	97.1	41.19	93.8	39.16	90.6	37.24	84.8	35.29
	-13.7	-15	109.3	42.48	103.5	40.81	97.1	38.76	93.8	36.89	90.6	35.10	84.8	33.21
	-11.8	-13	109.3	40.84	103.5	39.18	97.1	37.22	93.8	35.44	90.6	33.74	84.8	31.89
	-9.8	-11	109.3	39.13	103.5	37.48	97.1	35.61	93.8	33.93	90.6	32.31	84.8	30.51
	-9.5	-10	109.3	38.87	103.5	37.22	97.1	35.37	93.8	33.70	90.6	32.10	84.8	30.30
	-8.5	-9.1	109.3	38.01	103.5	36.37	97.1	34.56	93.8	32.94	90.6	31.39	84.8	29.61
	-7.0	-7.6	109.3	36.72	103.5	35.08	97.1	33.35	93.8	31.81	90.6	30.31	84.8	28.57
	-5.0	-5.6	109.3	35.01	103.5	33.37	97.1	31.73	93.8	30.28	90.6	28.89	84.8	27.19
	-3.0	-3.7	109.3	33.28	103.5	31.66	97.1	30.11	93.8	28.76	90.6	27.45	84.8	25.80
	0.0	-0.7	109.3	30.69	103.5	29.09	97.1	27.70	93.8	26.49	90.6	25.31	84.8	23.73
	3.0	2.2	109.3	28.10	103.5	26.52	97.1	25.27	93.8	24.21	90.6	23.16	84.8	21.66
	5.0	4.1	109.3	26.39	103.5	24.82	97.1	23.65	93.8	22.68	90.6	21.74	84.8	20.27
	7.0	6.0	109.3	24.67	103.5	23.10	97.1	22.04	93.8	21.18	90.6	20.32	84.8	18.88
	9.0	7.9	109.3	22.01	103.5	20.61	97.1	19.65	93.8	18.89	90.6	18.12	84.8	16.85
	11.0	9.8	109.3	20.55	103.5	19.25	97.1	18.35	93.8	17.64	90.6	16.92	84.8	15.73
	13.0	11.8	109.3	19.25	103.5	18.03	97.1	17.20	93.8	16.53	90.6	15.85	84.8	14.74
15.0	13.7	109.3	18.19	103.5	17.04	97.1	16.24	93.8	15.61	90.6	14.99	84.8	13.94	
50	-24.8	-25	91.2	40.66	86.0	42.05	80.9	39.83	78.3	37.78	75.7	35.82	70.5	33.99
	-21.8	-22	91.2	42.05	86.0	39.83	80.9	37.78	78.3	35.82	75.7	33.99	70.5	32.24
	-19.8	-20	91.2	40.51	86.0	38.37	80.9	36.40	78.3	34.51	75.7	32.79	70.5	31.08
	-18.8	-19	91.2	39.73	86.0	37.63	80.9	35.70	78.3	33.86	75.7	32.17	70.5	30.49
	-16.7	-17	91.2	38.12	86.0	36.07	80.9	34.26	78.3	32.49	75.7	30.90	70.5	29.27
	-13.7	-15	91.2	35.82	86.0	33.87	80.9	32.19	78.3	30.54	75.7	29.08	70.5	27.51
	-11.8	-13	91.2	34.35	86.0	32.47	80.9	30.89	78.3	29.30	75.7	27.93	70.5	26.40
	-9.8	-11	91.2	32.82	86.0	31.00	80.9	29.51	78.3	28.00	75.7	26.72	70.5	25.23
	-9.5	-10	91.2	32.59	86.0	30.78	80.9	29.30	78.3	27.80	75.7	26.53	70.5	25.06
	-8.5	-9.1	91.2	31.82	86.0	30.04	80.9	28.62	78.3	27.15	75.7	25.93	70.5	24.47
	-7.0	-7.6	91.2	30.67	86.0	28.94	80.9	27.58	78.3	26.17	75.7	25.02	70.5	23.59
	-5.0	-5.6	91.2	29.14	86.0	27.46	80.9	26.20	78.3	24.87	75.7	23.80	70.5	22.42
	-3.0	-3.7	91.2	27.58	86.0	26.00	80.9	24.83	78.3	23.57	75.7	22.59	70.5	21.26
	0.0	-0.7	91.2	25.29	86.0	23.78	80.9	22.76	78.3	21.60	75.7	20.77	70.5	19.49
	3.0	2.2	91.2	22.97	86.0	21.58	80.9	20.69	78.3	19.66	75.7	18.95	70.5	17.75
	5.0	4.1	91.2	21.44	86.0	20.11	80.9	19.31	78.3	18.35	75.7	17.73	70.5	16.59
	7.0	6.0	91.2	19.90	86.0	18.63	80.9	17.96	78.3	17.05	75.7	16.52	70.5	15.41
	9.0	7.9	91.2	17.97	86.0	16.82	80.9	16.20	78.3	15.40	75.7	14.92	70.5	13.91
	11.0	9.8	91.2	16.81	86.0	15.74	80.9	15.16	78.3	14.41	75.7	13.96	70.5	13.02
	13.0	11.8	91.2	15.78	86.0	14.78	80.9	14.23	78.3	13.52	75.7	13.11	70.5	12.22
15.0	13.7	91.2	14.94	86.0	13.98	80.9	13.47	78.3	12.80	75.7	12.41	70.5	11.57	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM540BTE5

Heating Capacity (54HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	106.6	54.17	106.6	54.70	105.9	55.16	105.9	55.87	105.9	56.54	104.3	57.60
	-21.8	-22	128.6	55.23	128.6	55.76	127.7	56.22	127.7	56.93	127.7	57.60	125.7	58.67
	-19.8	-20	135.1	55.94	135.1	56.46	134.2	56.93	134.2	57.64	134.2	58.32	132.1	59.37
	-18.8	-19	138.1	56.29	138.1	56.82	137.2	57.29	137.2	58.00	137.2	58.67	135.0	59.73
	-16.7	-17	144.3	57.04	144.3	57.57	143.3	58.03	143.3	58.75	143.3	59.41	141.0	60.48
	-13.7	-15	153.1	58.10	153.1	58.62	152.1	59.09	152.1	59.80	152.1	60.48	149.7	58.05
	-11.8	-13	158.0	58.77	158.0	59.31	157.1	59.78	157.1	60.48	157.1	58.83	155.1	56.50
	-9.8	-11	163.3	59.49	163.3	60.01	162.3	60.48	162.3	58.71	162.3	57.10	160.6	54.87
	-9.5	-10	164.2	59.59	164.2	60.12	163.3	60.20	163.3	58.43	163.0	56.83	161.5	54.64
	-8.5	-9.1	167.6	59.95	167.6	60.48	166.7	59.29	166.7	57.55	165.7	55.97	164.2	53.82
	-7.0	-7.6	172.7	60.48	172.7	59.12	171.6	57.92	171.6	56.22	171.6	54.66	169.0	52.60
	-5.0	-5.6	179.5	58.70	179.5	57.32	178.3	56.10	178.3	54.46	178.3	52.94	174.6	50.98
	-3.0	-3.7	186.2	56.93	186.2	55.51	185.0	54.27	185.0	52.69	185.0	51.19	180.4	49.36
	0.0	-0.7	196.2	54.26	196.2	52.81	195.0	51.53	195.0	50.02	195.0	48.59	188.8	46.92
	3.0	2.2	206.4	51.59	206.4	50.09	205.0	48.80	205.0	47.37	203.5	45.99	190.6	44.50
	5.0	4.1	212.5	49.81	212.5	48.29	211.4	46.96	210.2	45.60	204.7	44.26	190.6	42.87
	7.0	6.0	217.5	48.04	217.5	46.49	216.2	45.14	212.1	43.83	204.7	42.52	190.6	41.24
	9.0	7.9	218.2	46.56	218.2	45.05	217.5	43.75	212.1	42.47	204.7	41.21	190.6	39.97
11.0	9.8	218.2	45.48	218.2	44.01	217.5	42.73	212.1	41.49	204.7	40.25	190.6	39.04	
13.0	11.8	218.2	44.32	218.2	42.89	217.5	41.65	212.1	40.43	204.7	39.23	190.6	38.05	
15.0	13.7	218.2	43.08	218.2	41.70	217.5	40.49	212.1	39.30	204.7	38.13	190.6	36.99	
120	-24.8	-25	105.9	54.70	105.9	55.16	105.2	55.87	105.2	56.54	105.2	57.60	103.6	58.34
	-21.8	-22	127.7	55.76	127.7	56.22	126.8	56.93	126.8	57.60	126.8	58.67	124.9	59.41
	-19.8	-20	134.1	56.46	134.1	56.93	133.2	57.64	133.2	58.32	133.2	59.37	131.2	60.12
	-18.8	-19	137.0	56.82	137.0	57.29	136.1	58.00	136.1	58.67	136.1	59.73	134.1	60.48
	-16.7	-17	143.2	57.57	143.2	58.03	142.3	58.75	142.3	59.41	142.3	60.48	140.0	58.91
	-13.7	-15	151.9	58.62	151.9	59.09	151.0	59.80	151.0	60.48	151.0	58.14	148.6	56.67
	-11.8	-13	156.9	59.31	156.9	59.78	155.9	60.48	155.9	58.82	155.9	56.66	154.0	55.25
	-9.8	-11	162.1	60.01	162.1	60.48	161.2	58.64	161.2	57.07	161.2	55.10	159.5	53.77
	-9.5	-10	163.1	60.12	163.1	60.18	162.2	58.37	162.2	56.80	162.2	54.85	160.5	53.54
	-8.5	-9.1	166.5	60.48	166.5	59.21	165.4	57.45	165.4	55.93	165.2	54.09	163.4	52.79
	-7.0	-7.6	171.5	59.01	171.5	57.74	170.4	56.07	170.4	54.62	169.8	52.90	167.8	51.68
	-5.0	-5.6	178.2	57.05	178.2	55.79	177.1	54.23	177.1	52.88	177.1	51.34	173.5	50.18
	-3.0	-3.7	184.9	55.09	184.9	53.85	183.7	52.40	183.7	51.12	183.7	49.79	178.2	48.69
	0.0	-0.7	194.9	52.16	194.9	50.92	193.6	49.64	193.6	48.50	192.4	47.44	179.0	46.45
	3.0	2.2	204.9	49.22	204.9	47.99	202.7	46.89	198.8	45.89	192.6	45.10	179.0	44.22
	5.0	4.1	211.0	47.26	210.5	46.02	205.7	45.04	198.8	44.13	192.6	43.54	179.0	42.72
	7.0	6.0	215.9	45.30	214.2	44.08	205.7	43.21	198.8	42.38	192.6	41.99	179.0	41.23
	9.0	7.9	216.5	43.81	214.2	42.63	205.7	41.79	198.8	40.99	192.6	40.60	179.0	39.88
11.0	9.8	216.5	42.70	214.2	41.55	205.7	40.72	198.8	39.94	192.6	39.57	179.0	38.86	
13.0	11.8	216.5	41.50	214.2	40.37	205.7	39.58	198.8	38.83	192.6	38.46	179.0	37.78	
15.0	13.7	216.5	40.23	214.2	39.14	205.7	38.38	198.8	37.64	192.6	37.28	179.0	36.62	
110	-24.8	-25	105.3	55.16	105.3	55.87	104.7	56.54	104.7	57.60	104.7	58.34	103.0	58.70
	-21.8	-22	127.1	56.22	127.1	56.93	126.2	57.60	126.2	58.67	126.2	59.41	124.3	59.78
	-19.8	-20	133.4	56.93	133.4	57.64	132.6	58.32	132.6	59.37	132.6	60.12	130.4	60.48
	-18.8	-19	136.3	57.29	136.3	58.00	135.4	58.67	135.4	59.73	135.4	60.48	133.3	59.66
	-16.7	-17	142.4	58.03	142.4	58.75	141.5	59.41	141.5	60.48	141.5	58.79	139.2	57.93
	-13.7	-15	151.1	59.09	151.1	59.80	150.1	60.48	150.1	57.92	150.1	56.38	150.1	55.48
	-11.8	-13	156.1	59.78	156.1	60.48	155.0	58.66	155.0	56.31	155.0	54.86	155.0	53.92
	-9.8	-11	161.2	60.48	161.2	58.44	160.3	56.77	160.3	54.60	160.3	53.25	159.3	52.29
	-9.5	-10	162.2	60.14	162.2	58.13	161.3	56.49	161.3	54.34	161.3	53.02	160.8	52.05
	-8.5	-9.1	165.6	59.04	165.6	57.10	164.6	55.53	164.6	53.49	164.6	52.21	161.1	51.23
	-7.0	-7.6	170.6	57.37	170.6	55.56	169.5	54.10	169.5	52.21	169.5	51.00	161.1	50.00
	-5.0	-5.6	177.2	55.16	177.2	53.52	176.0	52.19	176.0	50.51	172.4	49.40	161.1	48.36
	-3.0	-3.7	183.8	52.95	183.8	51.47	182.6	50.29	178.6	48.81	172.4	47.80	161.1	46.73
	0.0	-0.7	193.8	49.62	193.4	48.40	184.5	47.44	178.6	46.24	172.4	45.39	161.1	44.27
	3.0	2.2	203.3	46.30	196.7	45.34	184.5	44.58	178.6	43.69	172.4	42.98	161.1	41.80
	5.0	4.1	208.1	44.08	196.7	43.28	184.5	42.68	178.6	41.99	172.4	41.37	161.1	40.18
	7.0	6.0	208.1	41.87	196.7	41.24	184.5	40.77	178.6	40.28	172.4	39.76	161.1	38.54
	9.0	7.9	208.1	40.32	196.7	39.71	184.5	39.26	178.6	38.79	172.4	38.29	161.1	37.11
11.0	9.8	208.1	39.10	196.7	38.51	184.5	38.08	178.6	37.62	172.4	37.14	161.1	35.99	
13.0	11.8	208.1	37.80	196.7	37.24	184.5	36.83	178.6	36.37	172.4	35.91	161.1	34.80	
15.0	13.7	208.1	36.44	196.7	35.89	184.5	35.49	178.6	35.05	172.4	34.60	161.1	33.54	

7. Capacity Tables

Heating Capacity (54HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	104.8	60.19	104.8	60.22	104.2	57.08	104.2	60.33	104.2	60.37	102.5	60.38
	-21.8	-22	126.4	60.25	126.4	60.28	125.7	58.87	125.7	60.38	125.7	61.12	123.6	60.44
	-19.8	-20	132.8	60.28	132.8	60.32	132.0	60.02	132.0	60.42	132.0	60.70	130.0	60.48
	-18.8	-19	135.7	60.30	134.9	60.34	134.9	60.38	134.9	60.43	134.9	60.48	132.7	59.49
	-16.7	-17	140.9	60.34	140.9	60.38	140.9	61.12	140.2	60.48	140.2	58.43	137.9	57.41
	-13.7	-15	150.4	60.40	150.4	60.44	149.5	60.48	149.5	57.49	149.5	55.51	147.2	54.44
	-11.8	-13	155.3	60.44	154.4	60.48	154.4	58.47	154.4	55.61	154.4	53.64	147.2	52.56
	-9.8	-11	160.3	60.48	160.3	58.22	159.7	56.36	159.7	53.61	158.0	51.70	147.2	50.58
	-9.5	-10	161.3	60.11	161.3	57.88	160.6	56.03	160.6	53.32	158.0	51.41	147.2	50.29
	-8.5	-9.1	164.7	58.93	164.7	56.75	163.9	54.97	163.4	52.33	158.0	50.43	147.2	49.30
	-7.0	-7.6	172.4	57.16	171.8	55.07	168.8	53.39	163.4	50.84	158.0	48.97	147.2	47.81
	-5.0	-5.6	180.0	54.79	178.2	52.80	168.8	51.27	163.4	48.84	158.0	47.01	147.2	45.84
	-3.0	-3.7	185.2	52.40	179.6	50.55	168.8	49.15	163.4	46.85	158.0	45.07	147.2	43.86
	0.0	-0.7	190.4	48.85	179.6	47.16	168.8	45.99	163.4	43.87	158.0	42.15	147.2	40.89
	3.0	2.2	190.4	45.29	179.6	43.77	168.8	42.81	163.4	40.89	158.0	39.21	147.2	37.92
	5.0	4.1	190.4	42.91	179.6	41.52	168.8	40.69	163.4	38.90	158.0	37.27	147.2	35.94
	7.0	6.0	190.4	40.54	179.6	39.26	168.8	38.58	163.4	36.91	158.0	35.31	147.2	33.96
	9.0	7.9	190.4	38.65	179.6	37.44	168.8	36.79	163.4	35.20	158.0	33.67	147.2	32.38
	11.0	9.8	190.4	37.08	179.6	35.92	168.8	35.30	163.4	33.77	158.0	32.30	147.2	31.07
	13.0	11.8	190.4	35.41	179.6	34.31	168.8	33.71	163.4	32.25	158.0	30.86	147.2	29.67
15.0	13.7	190.4	33.68	179.6	32.62	168.8	32.05	163.4	30.65	158.0	29.34	147.2	28.21	
90	-24.8	-25	104.4	54.01	104.4	55.08	103.8	55.82	103.8	56.18	103.8	56.89	102.2	57.95
	-21.8	-22	125.9	55.08	125.9	56.14	125.2	56.89	125.2	57.24	125.2	57.95	123.1	55.40
	-19.8	-20	132.3	55.78	132.3	56.85	131.4	57.60	131.4	57.95	131.4	56.20	129.4	53.69
	-18.8	-19	135.7	56.14	134.9	57.20	134.3	57.95	134.3	57.05	134.3	55.32	132.2	52.84
	-16.7	-17	140.9	56.89	140.9	57.95	140.3	56.08	140.3	55.15	140.3	53.49	134.5	51.05
	-13.7	-15	150.4	57.95	150.4	55.16	149.0	53.40	149.0	52.44	144.9	50.86	134.5	48.51
	-11.8	-13	155.3	56.03	154.4	53.39	153.8	51.71	149.7	50.72	144.9	49.20	134.5	46.88
	-9.8	-11	160.3	54.01	160.3	51.54	154.5	49.92	149.7	48.91	144.9	47.44	134.5	45.18
	-9.5	-10	161.3	53.71	161.3	51.25	154.5	49.66	149.7	48.65	144.9	47.19	134.5	44.92
	-8.5	-9.1	164.7	52.69	163.5	50.31	154.5	48.76	149.7	47.74	144.9	46.31	134.5	44.07
	-7.0	-7.6	172.4	51.19	164.0	48.92	154.5	47.42	149.7	46.39	144.9	45.00	134.5	42.79
	-5.0	-5.6	174.3	49.17	164.0	47.06	154.5	45.63	149.7	44.59	144.9	43.24	134.5	41.09
	-3.0	-3.7	174.3	47.14	164.0	45.20	154.5	43.86	149.7	42.78	144.9	41.49	134.5	39.40
	0.0	-0.7	174.3	44.12	164.0	42.42	154.5	41.19	149.7	40.07	144.9	38.86	134.5	36.83
	3.0	2.2	174.3	41.08	164.0	39.62	154.5	38.51	149.7	37.36	144.9	36.25	134.5	34.29
	5.0	4.1	174.3	39.06	164.0	37.76	154.5	36.73	149.7	35.55	144.9	34.50	134.5	32.58
	7.0	6.0	174.3	37.05	164.0	35.90	154.5	34.94	149.7	33.75	144.9	32.75	134.5	30.87
	9.0	7.9	174.3	35.15	164.0	34.08	154.5	33.15	149.7	32.03	144.9	31.08	134.5	29.30
	11.0	9.8	174.3	33.27	164.0	32.25	154.5	31.37	149.7	30.31	144.9	29.40	134.5	27.72
	13.0	11.8	174.3	31.37	164.0	30.41	154.5	29.59	149.7	28.57	144.9	27.73	134.5	26.15
15.0	13.7	174.3	29.48	164.0	28.58	154.5	27.80	149.7	26.85	144.9	26.06	134.5	24.57	
80	-24.8	-25	103.9	47.45	103.9	48.51	103.3	49.25	103.3	49.62	103.3	51.38	101.7	49.14
	-21.8	-22	124.6	48.51	124.6	49.58	124.6	50.33	124.6	51.38	124.6	49.14	120.2	46.99
	-19.8	-20	130.9	49.22	130.9	50.28	130.9	51.38	130.9	49.79	129.0	47.64	120.2	45.55
	-18.8	-19	133.8	49.58	133.8	51.38	133.8	50.57	133.3	49.00	129.2	46.89	120.2	44.83
	-16.7	-17	138.1	51.38	138.1	49.70	138.1	48.88	134.0	47.33	129.2	45.32	120.2	43.32
	-13.7	-15	144.4	48.88	141.6	47.28	138.1	46.46	134.0	44.94	129.2	43.07	120.2	41.16
	-11.8	-13	148.4	47.29	144.0	45.75	138.1	44.91	134.0	43.44	129.2	41.64	120.2	39.80
	-9.8	-11	152.3	45.61	145.9	44.14	138.1	43.31	134.0	41.85	129.2	40.15	120.2	38.37
	-9.5	-10	153.3	45.36	146.7	43.90	138.1	43.06	134.0	41.61	129.2	39.92	120.2	38.16
	-8.5	-9.1	154.8	44.52	147.2	43.10	138.1	42.25	134.0	40.82	129.2	39.18	120.2	37.44
	-7.0	-7.6	156.1	43.27	147.2	41.90	138.1	41.04	134.0	39.63	129.2	38.04	120.2	36.36
	-5.0	-5.6	156.1	41.59	147.2	40.29	138.1	39.42	134.0	38.04	129.2	36.55	120.2	34.92
	-3.0	-3.7	156.1	39.91	147.2	38.67	138.1	37.82	134.0	36.45	129.2	35.05	120.2	33.48
	0.0	-0.7	156.1	37.41	147.2	36.27	138.1	35.39	134.0	34.05	129.2	32.81	120.2	31.34
	3.0	2.2	156.1	34.90	147.2	33.86	138.1	32.95	134.0	31.67	129.2	30.56	120.2	29.19
	5.0	4.1	156.1	33.23	147.2	32.24	138.1	31.35	134.0	30.08	129.2	29.06	120.2	27.75
	7.0	6.0	156.1	31.56	147.2	30.64	138.1	29.73	134.0	28.49	129.2	27.56	120.2	26.32
	9.0	7.9	156.1	29.63	147.2	28.77	138.1	27.92	134.0	26.75	129.2	25.88	120.2	24.71
	11.0	9.8	156.1	27.50	147.2	26.69	138.1	25.90	134.0	24.84	129.2	24.02	120.2	22.93
	13.0	11.8	156.1	25.66	147.2	24.91	138.1	24.19	134.0	23.18	129.2	22.42	120.2	21.40
15.0	13.7	156.1	24.16	147.2	23.47	138.1	22.77	134.0	21.82	129.2	21.11	120.2	20.16	

7. Capacity Tables

Heating Capacity (54HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	103.9	47.90	103.9	48.26	103.3	48.97	103.3	50.03	103.3	47.61	100.7	45.35
	-21.8	-22	118.4	48.97	118.4	49.32	117.6	50.03	113.6	47.61	110.2	45.35	102.8	43.15
	-19.8	-20	127.9	49.68	125.0	50.03	117.6	48.33	113.6	46.00	110.2	43.83	102.8	41.70
	-18.8	-19	130.9	50.03	125.0	49.15	117.6	47.47	113.6	45.19	110.2	43.08	102.8	40.98
	-16.7	-17	132.4	48.21	125.0	47.30	117.6	45.68	113.6	43.48	110.2	41.50	102.8	39.45
	-13.7	-15	132.4	45.57	125.0	44.65	117.6	43.13	113.6	41.06	110.2	39.23	102.8	37.26
	-11.8	-13	132.4	43.91	125.0	42.97	117.6	41.52	113.6	39.52	110.2	37.79	102.8	35.87
	-9.8	-11	132.4	42.16	125.0	41.20	117.6	39.80	113.6	37.91	110.2	36.28	102.8	34.42
	-9.5	-10	132.4	41.90	125.0	40.94	117.6	39.55	113.6	37.66	110.2	36.06	102.8	34.21
	-8.5	-9.1	132.4	41.03	125.0	40.06	117.6	38.69	113.6	36.85	110.2	35.30	102.8	33.47
	-7.0	-7.6	132.4	39.71	125.0	38.73	117.6	37.41	113.6	35.64	110.2	34.16	102.8	32.38
	-5.0	-5.6	132.4	37.97	125.0	36.96	117.6	35.71	113.6	34.03	110.2	32.66	102.8	30.93
	-3.0	-3.7	132.4	36.22	125.0	35.21	117.6	34.01	113.6	32.42	110.2	31.15	102.8	29.48
	0.0	-0.7	132.4	33.60	125.0	32.55	117.6	31.46	113.6	29.99	110.2	28.88	102.8	27.28
	3.0	2.2	132.4	30.97	125.0	29.91	117.6	28.90	113.6	27.57	110.2	26.62	102.8	25.10
	5.0	4.1	132.4	29.22	125.0	28.13	117.6	27.19	113.6	25.94	110.2	25.11	102.8	23.65
	7.0	6.0	132.4	27.47	125.0	26.37	117.6	25.49	113.6	24.33	110.2	23.60	102.8	22.19
	9.0	7.9	132.4	24.81	125.0	23.82	117.6	23.01	113.6	21.97	110.2	21.31	102.8	20.03
	11.0	9.8	132.4	23.10	125.0	22.16	117.6	21.44	113.6	20.46	110.2	19.84	102.8	18.65
	13.0	11.8	132.4	21.61	125.0	20.74	117.6	20.06	113.6	19.14	110.2	18.56	102.8	17.45
15.0	13.7	132.4	20.38	125.0	19.56	117.6	18.90	113.6	18.05	110.2	17.51	102.8	16.46	
60	-24.8	-25	101.1	47.20	101.1	47.90	100.5	48.97	97.4	46.41	94.1	44.00	88.1	41.74
	-21.8	-22	108.5	48.26	107.5	48.97	100.9	46.41	97.4	44.00	94.1	41.74	88.1	39.56
	-19.8	-20	113.6	48.97	107.5	47.15	100.9	44.69	97.4	42.40	94.1	40.23	88.1	38.10
	-18.8	-19	113.6	48.05	107.5	46.25	100.9	43.83	97.4	41.60	94.1	39.48	88.1	37.39
	-16.7	-17	113.6	46.13	107.5	44.34	100.9	42.04	97.4	39.91	94.1	37.89	88.1	35.86
	-13.7	-15	113.6	43.37	107.5	41.62	100.9	39.47	97.4	37.51	94.1	35.64	88.1	33.68
	-11.8	-13	113.6	41.62	107.5	39.89	100.9	37.84	97.4	35.98	94.1	34.21	88.1	32.30
	-9.8	-11	113.6	39.79	107.5	38.08	100.9	36.14	97.4	34.38	94.1	32.71	88.1	30.85
	-9.5	-10	113.6	39.52	107.5	37.81	100.9	35.88	97.4	34.14	94.1	32.48	88.1	30.63
	-8.5	-9.1	113.6	38.60	107.5	36.90	100.9	35.02	97.4	33.34	94.1	31.73	88.1	29.91
	-7.0	-7.6	113.6	37.22	107.5	35.54	100.9	33.74	97.4	32.14	94.1	30.60	88.1	28.82
	-5.0	-5.6	113.6	35.39	107.5	33.72	100.9	32.03	97.4	30.53	94.1	29.10	88.1	27.37
	-3.0	-3.7	113.6	33.55	107.5	31.90	100.9	30.31	97.4	28.93	94.1	27.59	88.1	25.91
	0.0	-0.7	113.6	30.80	107.5	29.18	100.9	27.76	97.4	26.53	94.1	25.33	88.1	23.73
	3.0	2.2	113.6	28.04	107.5	26.45	100.9	25.19	97.4	24.12	94.1	23.07	88.1	21.57
	5.0	4.1	113.6	26.21	107.5	24.64	100.9	23.47	97.4	22.51	94.1	21.57	88.1	20.11
	7.0	6.0	113.6	24.38	107.5	22.82	100.9	21.77	97.4	20.92	94.1	20.07	88.1	18.65
	9.0	7.9	113.6	21.74	107.5	20.36	100.9	19.41	97.4	18.66	94.1	17.90	88.1	16.65
	11.0	9.8	113.6	20.30	107.5	19.02	100.9	18.13	97.4	17.43	94.1	16.72	88.1	15.54
	13.0	11.8	113.6	19.02	107.5	17.82	100.9	16.99	97.4	16.33	94.1	15.66	88.1	14.56
15.0	13.7	113.6	17.97	107.5	16.84	100.9	16.05	97.4	15.43	94.1	14.81	88.1	13.77	
50	-24.8	-25	94.7	41.59	89.3	42.66	84.0	40.37	81.3	38.24	78.6	36.22	73.2	34.34
	-21.8	-22	94.7	42.66	89.3	40.37	84.0	38.24	81.3	36.22	78.6	34.34	73.2	32.53
	-19.8	-20	94.7	41.06	89.3	38.85	84.0	36.82	81.3	34.87	78.6	33.09	73.2	31.34
	-18.8	-19	94.7	40.25	89.3	38.09	84.0	36.10	81.3	34.19	78.6	32.46	73.2	30.73
	-16.7	-17	94.7	38.58	89.3	36.47	84.0	34.60	81.3	32.78	78.6	31.15	73.2	29.47
	-13.7	-15	94.7	36.19	89.3	34.19	84.0	32.46	81.3	30.77	78.6	29.27	73.2	27.67
	-11.8	-13	94.7	34.67	89.3	32.74	84.0	31.12	81.3	29.49	78.6	28.09	73.2	26.53
	-9.8	-11	94.7	33.08	89.3	31.22	84.0	29.69	81.3	28.15	78.6	26.83	73.2	25.32
	-9.5	-10	94.7	32.83	89.3	30.99	84.0	29.47	81.3	27.94	78.6	26.65	73.2	25.15
	-8.5	-9.1	94.7	32.04	89.3	30.22	84.0	28.77	81.3	27.27	78.6	26.02	73.2	24.54
	-7.0	-7.6	94.7	30.84	89.3	29.08	84.0	27.70	81.3	26.26	78.6	25.09	73.2	23.64
	-5.0	-5.6	94.7	29.25	89.3	27.56	84.0	26.27	81.3	24.92	78.6	23.82	73.2	22.44
	-3.0	-3.7	94.7	27.64	89.3	26.04	84.0	24.85	81.3	23.57	78.6	22.58	73.2	21.24
	0.0	-0.7	94.7	25.25	89.3	23.74	84.0	22.71	81.3	21.54	78.6	20.70	73.2	19.43
	3.0	2.2	94.7	22.85	89.3	21.46	84.0	20.57	81.3	19.53	78.6	18.83	73.2	17.63
	5.0	4.1	94.7	21.26	89.3	19.93	84.0	19.15	81.3	18.19	78.6	17.57	73.2	16.43
	7.0	6.0	94.7	19.66	89.3	18.41	84.0	17.74	81.3	16.85	78.6	16.32	73.2	15.23
	9.0	7.9	94.7	17.76	89.3	16.62	84.0	16.00	81.3	15.21	78.6	14.74	73.2	13.75
	11.0	9.8	94.7	16.61	89.3	15.56	84.0	14.98	81.3	14.23	78.6	13.79	73.2	12.87
	13.0	11.8	94.7	15.59	89.3	14.61	84.0	14.06	81.3	13.36	78.6	12.95	73.2	12.08
15.0	13.7	94.7	14.76	89.3	13.82	84.0	13.31	81.3	12.65	78.6	12.26	73.2	11.43	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM560BTE5

Heating Capacity (56HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	108.8	56.46	108.8	56.93	108.1	57.35	108.1	57.99	108.1	58.60	106.5	59.55
	-21.8	-22	132.4	57.41	132.4	57.90	131.5	58.31	131.5	58.95	131.5	59.55	129.4	60.53
	-19.8	-20	139.7	58.06	139.7	58.53	138.7	58.95	138.7	59.60	138.7	60.21	136.6	61.16
	-18.8	-19	142.8	58.37	142.8	58.85	141.9	59.28	141.9	59.92	141.9	60.53	139.6	61.49
	-16.7	-17	149.4	59.05	149.4	59.53	148.5	59.94	148.5	60.60	148.5	61.20	146.1	62.16
	-13.7	-15	158.8	60.01	158.8	60.49	157.9	60.91	157.9	61.55	157.9	62.16	155.3	59.77
	-11.8	-13	164.0	60.62	164.0	61.11	163.0	61.53	163.0	62.16	163.0	62.81	160.5	58.24
	-9.8	-11	169.4	61.27	169.4	61.74	168.4	62.16	168.4	62.81	168.4	63.46	166.9	56.64
	-9.5	-10	170.4	61.36	170.4	61.84	169.4	61.89	169.4	62.54	169.4	63.19	167.8	56.41
	-8.5	-9.1	173.9	61.69	173.9	62.16	172.9	61.02	172.9	59.31	171.9	57.74	170.8	55.60
	-7.0	-7.6	179.2	62.16	179.2	60.86	178.0	59.69	178.0	58.01	178.0	56.45	175.8	54.40
	-5.0	-5.6	186.1	60.47	186.1	59.12	184.9	57.91	184.9	56.29	184.9	54.76	181.8	52.80
	-3.0	-3.7	193.1	58.79	193.1	57.38	191.9	56.14	191.9	54.56	191.9	53.05	187.9	51.20
	0.0	-0.7	203.4	56.24	203.4	54.78	202.2	53.48	202.2	51.95	202.2	50.50	196.9	48.80
	3.0	2.2	213.9	53.70	213.9	52.16	212.5	50.83	212.5	49.36	211.0	47.94	197.7	46.41
	5.0	4.1	220.3	52.01	220.3	50.42	219.1	49.05	219.1	47.63	212.3	46.24	197.7	44.80
	7.0	6.0	225.4	50.31	225.4	48.70	224.1	47.28	220.1	45.91	212.3	44.54	197.7	43.20
9.0	7.9	226.3	48.92	226.3	47.34	225.6	45.96	220.1	44.62	212.3	43.30	197.7	41.99	
11.0	9.8	226.3	47.94	226.3	46.40	225.6	45.05	220.1	43.73	212.3	42.43	197.7	41.16	
13.0	11.8	226.3	46.89	226.3	45.38	225.6	44.07	220.1	42.78	212.3	41.51	197.7	40.26	
15.0	13.7	226.3	45.77	226.3	44.29	225.6	43.01	220.1	41.75	212.3	40.51	197.7	39.29	
120	-24.8	-25	108.1	56.93	108.1	57.35	107.3	57.99	107.3	58.60	107.3	59.55	105.7	60.23
	-21.8	-22	131.5	57.90	131.5	58.31	130.6	58.95	130.6	59.55	130.6	60.53	128.6	61.20
	-19.8	-20	138.7	58.53	138.7	58.95	137.8	59.60	137.8	60.21	137.8	61.16	135.6	61.84
	-18.8	-19	141.8	58.85	141.8	59.28	140.9	59.92	140.9	60.53	140.9	61.49	138.7	62.16
	-16.7	-17	148.4	59.53	148.4	59.94	147.4	60.60	147.4	61.20	147.4	62.16	145.0	60.62
	-13.7	-15	157.6	60.49	157.6	60.91	156.7	61.55	156.7	62.16	156.7	62.81	154.2	58.41
	-11.8	-13	162.8	61.11	162.8	61.53	161.8	62.16	161.8	62.81	161.8	63.46	159.9	57.01
	-9.8	-11	168.2	61.74	168.2	62.16	167.2	60.37	167.2	58.82	167.2	56.88	165.8	55.55
	-9.5	-10	169.3	61.84	169.3	61.88	168.3	60.10	168.3	58.56	168.3	56.63	166.8	55.32
	-8.5	-9.1	172.7	62.16	172.7	60.93	171.6	59.20	171.6	57.69	171.6	55.88	169.9	54.59
	-7.0	-7.6	177.9	60.75	177.9	59.49	176.8	57.85	176.8	56.41	176.8	54.71	174.5	53.49
	-5.0	-5.6	184.9	58.85	184.9	57.60	183.6	56.05	183.6	54.70	183.6	53.18	180.7	52.01
	-3.0	-3.7	191.7	56.94	191.7	55.70	190.5	54.26	190.5	52.98	190.5	51.65	185.7	50.55
	0.0	-0.7	202.0	54.10	202.0	52.84	200.7	51.55	200.7	50.40	199.5	49.34	185.7	48.33
	3.0	2.2	212.4	51.25	212.4	49.98	210.2	48.86	206.2	47.83	199.8	47.04	185.7	46.13
	5.0	4.1	218.7	49.35	218.2	48.07	213.4	47.05	206.2	46.11	199.8	45.50	185.7	44.66
	7.0	6.0	223.9	47.45	222.2	46.17	213.4	45.26	206.2	44.39	199.8	43.98	185.7	43.19
9.0	7.9	224.6	46.02	222.2	44.78	213.4	43.90	206.2	43.06	199.8	42.65	185.7	41.89	
11.0	9.8	224.6	44.99	222.2	43.78	213.4	42.91	206.2	42.09	199.8	41.69	185.7	40.95	
13.0	11.8	224.6	43.89	222.2	42.69	213.4	41.85	206.2	41.06	199.8	40.67	185.7	39.95	
15.0	13.7	224.6	42.70	222.2	41.55	213.4	40.74	206.2	39.95	199.8	39.57	185.7	38.87	
110	-24.8	-25	107.5	57.35	107.5	57.99	106.8	58.60	106.8	59.55	106.8	60.23	105.1	60.55
	-21.8	-22	130.8	58.31	130.8	58.95	129.9	59.55	129.9	60.53	129.9	61.20	127.9	61.53
	-19.8	-20	137.9	58.95	137.9	59.60	137.1	60.21	137.1	61.16	137.1	61.84	134.8	62.16
	-18.8	-19	141.0	59.28	141.0	59.92	140.1	60.53	140.1	61.49	140.1	62.16	137.9	61.35
	-16.7	-17	147.6	59.94	147.6	60.60	146.6	61.20	146.6	62.16	146.6	63.01	144.2	59.64
	-13.7	-15	156.8	60.91	156.8	61.55	155.7	62.16	155.7	62.81	155.7	63.46	152.9	57.20
	-11.8	-13	161.9	61.53	161.9	62.16	160.9	60.37	160.9	58.04	160.9	56.60	160.9	55.65
	-9.8	-11	167.3	62.16	167.3	60.15	166.3	58.50	166.3	56.35	166.3	55.01	165.6	54.03
	-9.5	-10	168.3	61.83	168.3	59.85	167.4	58.22	167.4	56.09	167.4	54.78	166.8	53.79
	-8.5	-9.1	171.8	60.75	171.8	58.84	170.7	57.28	170.7	55.25	170.7	53.98	167.1	52.97
	-7.0	-7.6	177.0	59.11	177.0	57.32	175.9	55.87	175.9	53.99	175.9	52.78	167.1	51.75
	-5.0	-5.6	183.8	56.93	183.8	55.31	182.6	53.98	182.6	52.31	178.9	51.19	167.1	50.12
	-3.0	-3.7	190.6	54.75	190.6	53.28	189.3	52.10	185.2	50.62	178.9	49.61	167.1	48.51
	0.0	-0.7	200.9	51.48	200.5	50.26	191.4	49.29	185.2	48.09	178.9	47.22	167.1	46.06
	3.0	2.2	210.7	48.21	204.0	47.23	191.4	46.47	185.2	45.57	178.9	44.84	167.1	43.61
	5.0	4.1	215.9	46.03	204.0	45.21	191.4	44.59	185.2	43.88	178.9	43.24	167.1	41.99
	7.0	6.0	215.9	43.86	204.0	43.20	191.4	42.71	185.2	42.19	178.9	41.65	167.1	40.37
9.0	7.9	215.9	42.35	204.0	41.71	191.4	41.24	185.2	40.74	178.9	40.22	167.1	38.98	
11.0	9.8	215.9	41.19	204.0	40.57	191.4	40.12	185.2	39.63	178.9	39.13	167.1	37.92	
13.0	11.8	215.9	39.97	204.0	39.37	191.4	38.93	185.2	38.45	178.9	37.96	167.1	36.79	
15.0	13.7	215.9	38.67	204.0	38.09	191.4	37.66	185.2	37.20	178.9	36.72	167.1	35.59	

7. Capacity Tables

Heating Capacity (56HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	107.0	63.55	107.0	63.36	106.4	59.26	106.4	62.92	106.4	62.72	104.6	62.62
	-21.8	-22	130.1	63.27	130.1	63.08	129.4	61.13	129.4	62.63	129.4	63.31	127.2	62.35
	-19.8	-20	137.3	63.08	137.3	62.90	136.5	62.31	136.5	62.45	136.5	62.55	134.3	62.16
	-18.8	-19	140.4	62.99	139.6	62.81	139.6	62.63	139.6	62.36	139.6	62.16	137.3	61.17
	-16.7	-17	146.0	62.80	146.0	62.61	146.0	63.31	145.2	62.16	145.2	60.12	142.8	59.09
	-13.7	-15	156.0	62.52	156.0	62.34	155.1	62.16	155.1	59.19	155.1	57.19	152.7	56.11
	-11.8	-13	161.1	62.35	160.2	62.16	160.2	60.17	160.2	57.31	160.2	55.33	152.7	54.22
	-9.8	-11	166.4	62.16	166.4	59.93	165.7	58.07	165.7	55.31	163.9	53.38	152.7	52.24
	-9.5	-10	167.4	61.81	167.4	59.59	166.6	57.75	166.6	55.03	163.9	53.09	152.7	51.95
	-8.5	-9.1	170.9	60.63	170.9	58.46	170.1	56.70	169.5	54.04	163.9	52.11	152.7	50.95
	-7.0	-7.6	178.9	58.89	178.2	56.80	175.1	55.13	169.5	52.55	163.9	50.65	152.7	49.46
	-5.0	-5.6	186.7	56.54	184.8	54.55	175.1	53.02	169.5	50.56	163.9	48.69	152.7	47.48
	-3.0	-3.7	192.1	54.18	186.3	52.32	175.1	50.91	169.5	48.58	163.9	46.75	152.7	45.50
	0.0	-0.7	197.5	50.67	186.3	48.96	175.1	47.77	169.5	45.60	163.9	43.82	152.7	42.52
	3.0	2.2	197.5	47.15	186.3	45.59	175.1	44.61	169.5	42.63	163.9	40.89	152.7	39.54
	5.0	4.1	197.5	44.81	186.3	43.37	175.1	42.51	169.5	40.64	163.9	38.94	152.7	37.56
	7.0	6.0	197.5	42.46	186.3	41.12	175.1	40.41	169.5	38.66	163.9	36.99	152.7	35.57
	9.0	7.9	197.5	40.77	186.3	39.49	175.1	38.80	169.5	37.13	163.9	35.51	152.7	34.15
	11.0	9.8	197.5	39.42	186.3	38.18	175.1	37.52	169.5	35.90	163.9	34.34	152.7	33.02
	13.0	11.8	197.5	37.98	186.3	36.79	175.1	36.15	169.5	34.58	163.9	33.09	152.7	31.82
15.0	13.7	197.5	36.47	186.3	35.33	175.1	34.71	169.5	33.20	163.9	31.77	152.7	30.56	
90	-24.8	-25	106.6	56.45	106.6	57.42	105.9	58.09	105.9	58.41	105.9	59.06	104.3	60.02
	-21.8	-22	129.6	57.42	129.6	58.38	128.9	59.06	128.9	59.38	128.9	60.02	126.7	57.41
	-19.8	-20	136.8	58.06	136.8	59.02	135.9	59.70	135.9	60.02	135.9	58.24	133.8	55.67
	-18.8	-19	140.4	58.38	139.6	59.35	139.0	60.02	139.0	59.11	139.0	57.34	136.8	54.80
	-16.7	-17	146.0	59.06	146.0	60.02	145.4	58.11	145.4	57.17	145.4	55.47	139.5	52.97
	-13.7	-15	156.0	60.02	156.0	57.19	154.6	55.39	154.6	54.40	150.3	52.79	139.5	50.37
	-11.8	-13	161.1	58.07	160.2	55.38	159.6	53.67	155.3	52.65	150.3	51.09	139.5	48.70
	-9.8	-11	166.4	56.02	166.4	53.50	160.2	51.85	155.3	50.81	150.3	49.30	139.5	46.96
	-9.5	-10	167.4	55.71	167.4	53.21	160.2	51.58	155.3	50.54	150.3	49.04	139.5	46.70
	-8.5	-9.1	170.9	54.69	169.6	52.26	160.2	50.67	155.3	49.62	150.3	48.14	139.5	45.83
	-7.0	-7.6	178.9	53.16	170.1	50.84	160.2	49.30	155.3	48.23	150.3	46.80	139.5	44.53
	-5.0	-5.6	180.8	51.10	170.1	48.95	160.2	47.48	155.3	46.40	150.3	45.01	139.5	42.78
	-3.0	-3.7	180.8	49.05	170.1	47.06	160.2	45.68	155.3	44.56	150.3	43.22	139.5	41.05
	0.0	-0.7	180.8	45.98	170.1	44.23	160.2	42.96	155.3	41.79	150.3	40.54	139.5	38.43
	3.0	2.2	180.8	42.89	170.1	41.38	160.2	40.23	155.3	39.03	150.3	37.87	139.5	35.83
	5.0	4.1	180.8	40.85	170.1	39.49	160.2	38.42	155.3	37.19	150.3	36.09	139.5	34.09
	7.0	6.0	180.8	38.81	170.1	37.61	160.2	36.60	155.3	35.35	150.3	34.30	139.5	32.33
	9.0	7.9	180.8	36.87	170.1	35.75	160.2	34.78	155.3	33.60	150.3	32.60	139.5	30.74
	11.0	9.8	180.8	34.96	170.1	33.88	160.2	32.96	155.3	31.84	150.3	30.89	139.5	29.13
	13.0	11.8	180.8	33.02	170.1	32.02	160.2	31.15	155.3	30.08	150.3	29.19	139.5	27.53
15.0	13.7	180.8	31.10	170.1	30.15	160.2	29.33	155.3	28.33	150.3	27.49	139.5	25.92	
80	-24.8	-25	106.1	49.65	106.1	50.62	105.5	51.29	105.5	51.62	105.5	53.22	103.8	50.93
	-21.8	-22	128.2	50.62	128.2	51.59	128.2	52.26	128.2	53.22	128.2	50.93	124.7	48.73
	-19.8	-20	135.4	51.26	135.4	52.22	135.4	53.22	135.4	51.60	133.8	49.39	124.7	47.25
	-18.8	-19	138.5	51.59	138.5	53.22	138.5	52.39	138.3	50.79	134.0	48.63	124.7	46.51
	-16.7	-17	143.3	53.22	143.3	51.51	143.3	50.67	139.0	49.08	134.0	47.02	124.7	44.97
	-13.7	-15	149.8	50.67	146.9	49.04	143.3	48.20	139.0	46.64	134.0	44.72	124.7	42.76
	-11.8	-13	153.6	49.06	149.1	47.48	143.3	46.62	139.0	45.11	134.0	43.26	124.7	41.37
	-9.8	-11	157.7	47.35	151.2	45.85	143.3	44.98	139.0	43.48	134.0	41.73	124.7	39.91
	-9.5	-10	158.8	47.09	152.0	45.60	143.3	44.73	139.0	43.24	134.0	41.50	124.7	39.68
	-8.5	-9.1	160.4	46.24	152.7	44.79	143.3	43.91	139.0	42.43	134.0	40.74	124.7	38.95
	-7.0	-7.6	162.0	44.97	152.7	43.56	143.3	42.67	139.0	41.21	134.0	39.58	124.7	37.84
	-5.0	-5.6	162.0	43.26	152.7	41.92	143.3	41.02	139.0	39.59	134.0	38.06	124.7	36.38
	-3.0	-3.7	162.0	41.55	152.7	40.27	143.3	39.39	139.0	37.97	134.0	36.52	124.7	34.90
	0.0	-0.7	162.0	39.01	152.7	37.83	143.3	36.91	139.0	35.52	134.0	34.23	124.7	32.71
	3.0	2.2	162.0	36.45	152.7	35.37	143.3	34.43	139.0	33.09	134.0	31.93	124.7	30.51
	5.0	4.1	162.0	34.76	152.7	33.72	143.3	32.79	139.0	31.47	134.0	30.40	124.7	29.03
	7.0	6.0	162.0	33.05	152.7	32.09	143.3	31.14	139.0	29.84	134.0	28.86	124.7	27.57
	9.0	7.9	162.0	31.03	152.7	30.13	143.3	29.24	139.0	28.02	134.0	27.11	124.7	25.88
	11.0	9.8	162.0	28.80	152.7	27.96	143.3	27.13	139.0	26.01	134.0	25.16	124.7	24.01
	13.0	11.8	162.0	26.88	152.7	26.10	143.3	25.34	139.0	24.28	134.0	23.48	124.7	22.42
15.0	13.7	162.0	25.31	152.7	24.58	143.3	23.85	139.0	22.85	134.0	22.11	124.7	21.11	

7. Capacity Tables

Heating Capacity (56HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	106.1	49.90	106.1	50.22	105.5	50.86	105.5	51.83	105.5	49.34	103.7	47.02
	-21.8	-22	122.8	50.86	122.8	51.18	122.0	51.83	117.8	49.34	114.3	47.02	106.7	44.77
	-19.8	-20	133.9	51.51	129.7	51.83	122.0	50.08	117.8	47.69	114.3	45.47	106.7	43.28
	-18.8	-19	137.1	51.83	129.7	50.92	122.0	49.21	117.8	46.86	114.3	44.69	106.7	42.54
	-16.7	-17	137.3	49.96	129.7	49.03	122.0	47.37	117.8	45.11	114.3	43.07	106.7	40.96
	-13.7	-15	137.3	47.27	129.7	46.32	122.0	44.76	117.8	42.63	114.3	40.75	106.7	38.72
	-11.8	-13	137.3	45.57	129.7	44.60	122.0	43.11	117.8	41.05	114.3	39.28	106.7	37.29
	-9.8	-11	137.3	43.78	129.7	42.79	122.0	41.35	117.8	39.40	114.3	37.72	106.7	35.81
	-9.5	-10	137.3	43.51	129.7	42.53	122.0	41.10	117.8	39.15	114.3	37.50	106.7	35.58
	-8.5	-9.1	137.3	42.62	129.7	41.62	122.0	40.21	117.8	38.32	114.3	36.72	106.7	34.83
	-7.0	-7.6	137.3	41.28	129.7	40.26	122.0	38.91	117.8	37.08	114.3	35.55	106.7	33.70
	-5.0	-5.6	137.3	39.50	129.7	38.46	122.0	37.16	117.8	35.43	114.3	34.01	106.7	32.21
	-3.0	-3.7	137.3	37.71	129.7	36.66	122.0	35.42	117.8	33.78	114.3	32.46	106.7	30.72
	0.0	-0.7	137.3	35.03	129.7	33.94	122.0	32.81	117.8	31.29	114.3	30.14	106.7	28.47
	3.0	2.2	137.3	32.35	129.7	31.24	122.0	30.19	117.8	28.81	114.3	27.82	106.7	26.23
	5.0	4.1	137.3	30.56	129.7	29.42	122.0	28.44	117.8	27.14	114.3	26.26	106.7	24.74
	7.0	6.0	137.3	28.77	129.7	27.62	122.0	26.69	117.8	25.49	114.3	24.72	106.7	23.24
	9.0	7.9	137.3	25.99	129.7	24.94	122.0	24.10	117.8	23.02	114.3	22.32	106.7	20.98
11.0	9.8	137.3	24.19	129.7	23.22	122.0	22.45	117.8	21.43	114.3	20.78	106.7	19.54	
13.0	11.8	137.3	22.64	129.7	21.72	122.0	21.01	117.8	20.05	114.3	19.44	106.7	18.28	
15.0	13.7	137.3	21.34	129.7	20.48	122.0	19.79	117.8	18.90	114.3	18.34	106.7	17.24	
60	-24.8	-25	104.9	49.20	104.9	49.83	104.2	50.80	101.1	48.16	97.6	45.68	91.4	43.36
	-21.8	-22	112.6	50.16	111.5	50.80	104.6	48.16	101.1	45.68	97.6	43.36	91.4	41.11
	-19.8	-20	117.8	50.80	111.5	48.93	104.6	46.40	101.1	44.03	97.6	41.80	91.4	39.60
	-18.8	-19	117.8	49.86	111.5	48.00	104.6	45.52	101.1	43.21	97.6	41.02	91.4	38.86
	-16.7	-17	117.8	47.88	111.5	46.04	104.6	43.67	101.1	41.47	97.6	39.39	91.4	37.29
	-13.7	-15	117.8	45.04	111.5	43.24	104.6	41.02	101.1	39.00	97.6	37.07	91.4	35.04
	-11.8	-13	117.8	43.25	111.5	41.46	104.6	39.35	101.1	37.43	97.6	35.60	91.4	33.62
	-9.8	-11	117.8	41.37	111.5	39.60	104.6	37.59	101.1	35.78	97.6	34.04	91.4	32.12
	-9.5	-10	117.8	41.09	111.5	39.32	104.6	37.33	101.1	35.53	97.6	33.82	91.4	31.90
	-8.5	-9.1	117.8	40.15	111.5	38.39	104.6	36.44	101.1	34.70	97.6	33.04	91.4	31.15
	-7.0	-7.6	117.8	38.73	111.5	36.98	104.6	35.13	101.1	33.47	97.6	31.87	91.4	30.02
	-5.0	-5.6	117.8	36.85	111.5	35.12	104.6	33.36	101.1	31.81	97.6	30.33	91.4	28.53
	-3.0	-3.7	117.8	34.96	111.5	33.25	104.6	31.60	101.1	30.17	97.6	28.77	91.4	27.03
	0.0	-0.7	117.8	32.13	111.5	30.45	104.6	28.97	101.1	27.69	97.6	26.45	91.4	24.78
	3.0	2.2	117.8	29.29	111.5	27.64	104.6	26.32	101.1	25.21	97.6	24.11	91.4	22.54
	5.0	4.1	117.8	27.42	111.5	25.78	104.6	24.56	101.1	23.55	97.6	22.57	91.4	21.05
	7.0	6.0	117.8	25.53	111.5	23.91	104.6	22.80	101.1	21.91	97.6	21.02	91.4	19.54
	9.0	7.9	117.8	22.78	111.5	21.33	104.6	20.34	101.1	19.55	97.6	18.75	91.4	17.44
11.0	9.8	117.8	21.27	111.5	19.92	104.6	18.99	101.1	18.25	97.6	17.51	91.4	16.28	
13.0	11.8	117.8	19.93	111.5	18.66	104.6	17.80	101.1	17.10	97.6	16.40	91.4	15.25	
15.0	13.7	117.8	18.83	111.5	17.64	104.6	16.81	101.1	16.16	97.6	15.51	91.4	14.42	
50	-24.8	-25	98.3	43.22	92.7	44.18	87.2	41.83	84.4	39.65	81.5	37.57	75.9	35.63
	-21.8	-22	98.3	44.18	92.7	41.83	87.2	39.65	84.4	37.57	81.5	35.63	75.9	33.77
	-19.8	-20	98.3	42.54	92.7	40.27	87.2	38.18	84.4	36.18	81.5	34.35	75.9	32.54
	-18.8	-19	98.3	41.72	92.7	39.49	87.2	37.44	84.4	35.48	81.5	33.70	75.9	31.92
	-16.7	-17	98.3	40.00	92.7	37.83	87.2	35.90	84.4	34.03	81.5	32.35	75.9	30.62
	-13.7	-15	98.3	37.55	92.7	35.49	87.2	33.71	84.4	31.96	81.5	30.42	75.9	28.77
	-11.8	-13	98.3	35.99	92.7	34.00	87.2	32.33	84.4	30.65	81.5	29.20	75.9	27.59
	-9.8	-11	98.3	34.36	92.7	32.44	87.2	30.86	84.4	29.27	81.5	27.91	75.9	26.35
	-9.5	-10	98.3	34.11	92.7	32.20	87.2	30.64	84.4	29.06	81.5	27.72	75.9	26.17
	-8.5	-9.1	98.3	33.29	92.7	31.42	87.2	29.91	84.4	28.36	81.5	27.08	75.9	25.54
	-7.0	-7.6	98.3	32.06	92.7	30.24	87.2	28.81	84.4	27.32	81.5	26.11	75.9	24.61
	-5.0	-5.6	98.3	30.43	92.7	28.67	87.2	27.35	84.4	25.94	81.5	24.81	75.9	23.38
	-3.0	-3.7	98.3	28.78	92.7	27.11	87.2	25.89	84.4	24.56	81.5	23.53	75.9	22.14
	0.0	-0.7	98.3	26.33	92.7	24.76	87.2	23.69	84.4	22.48	81.5	21.60	75.9	20.27
	3.0	2.2	98.3	23.86	92.7	22.42	87.2	21.49	84.4	20.41	81.5	19.67	75.9	18.43
	5.0	4.1	98.3	22.23	92.7	20.85	87.2	20.03	84.4	19.03	81.5	18.38	75.9	17.19
	7.0	6.0	98.3	20.59	92.7	19.28	87.2	18.58	84.4	17.65	81.5	17.09	75.9	15.95
	9.0	7.9	98.3	18.60	92.7	17.41	87.2	16.76	84.4	15.93	81.5	15.44	75.9	14.40
11.0	9.8	98.3	17.40	92.7	16.29	87.2	15.69	84.4	14.91	81.5	14.44	75.9	13.48	
13.0	11.8	98.3	16.33	92.7	15.30	87.2	14.73	84.4	13.99	81.5	13.56	75.9	12.65	
15.0	13.7	98.3	15.46	92.7	14.47	87.2	13.94	84.4	13.25	81.5	12.84	75.9	11.97	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM580BTE5

Heating Capacity (58HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	112.7	60.22	112.7	60.71	112.1	61.14	112.1	61.80	112.1	62.43	110.3	63.42
	-21.8	-22	137.2	61.21	137.2	61.71	136.3	62.14	136.3	62.80	136.3	63.42	134.1	64.42
	-19.8	-20	144.7	61.87	144.7	62.36	143.7	62.80	143.7	63.46	143.7	64.09	141.5	65.08
	-18.8	-19	148.0	62.20	148.0	62.69	147.0	63.13	147.0	63.80	147.0	64.42	144.7	65.41
	-16.7	-17	154.8	62.90	154.8	63.39	153.8	63.82	153.8	64.49	153.8	65.11	151.3	66.11
	-13.7	-15	164.5	63.89	164.5	64.38	163.5	64.82	163.5	65.48	163.5	66.11	160.8	63.57
	-11.8	-13	169.9	64.52	169.9	65.02	168.9	65.45	168.9	66.11	168.9	66.40	166.9	61.95
	-9.8	-11	175.6	65.18	175.6	65.67	174.4	66.11	174.4	66.28	174.4	62.59	172.9	60.25
	-9.5	-10	176.6	65.28	176.6	65.78	175.5	65.82	175.5	64.00	175.3	62.32	173.9	60.01
	-8.5	-9.1	180.2	65.62	180.2	66.11	179.1	64.89	179.1	63.08	178.2	61.42	176.9	59.15
	-7.0	-7.6	185.6	66.11	185.6	64.73	184.4	63.49	184.4	61.71	184.4	60.06	182.1	57.88
	-5.0	-5.6	192.8	64.32	192.8	62.89	191.5	61.61	191.5	59.88	191.5	58.27	188.4	56.19
	-3.0	-3.7	200.0	62.54	200.0	61.05	198.7	59.73	198.7	58.06	198.7	56.45	194.7	54.49
	0.0	-0.7	210.7	59.85	210.7	58.30	209.4	56.92	209.4	55.29	209.4	53.75	204.0	51.95
	3.0	2.2	221.5	57.17	221.5	55.53	220.1	54.11	220.1	52.55	218.6	51.04	204.8	49.41
	5.0	4.1	228.1	55.38	228.1	53.69	226.9	52.23	225.7	50.72	219.9	49.24	204.8	47.71
	7.0	6.0	233.5	53.59	233.5	51.87	232.1	50.36	228.0	48.90	219.9	47.44	204.8	46.01
	9.0	7.9	234.5	52.12	234.5	50.43	233.7	48.97	228.0	47.54	219.9	46.13	204.8	44.74
	11.0	9.8	234.5	51.09	234.5	49.44	233.7	48.01	228.0	46.61	219.9	45.22	204.8	43.86
	13.0	11.8	234.5	49.98	234.5	48.37	233.7	46.97	228.0	45.60	219.9	44.24	204.8	42.92
15.0	13.7	234.5	48.80	234.5	47.23	233.7	45.86	228.0	44.52	219.9	43.19	204.8	41.90	
120	-24.8	-25	112.0	60.71	112.0	61.14	111.3	61.80	111.3	62.43	111.3	63.42	109.5	64.12
	-21.8	-22	136.2	61.71	136.2	62.14	135.3	62.80	135.3	63.42	135.3	64.42	133.2	65.11
	-19.8	-20	143.7	62.36	143.7	62.80	142.7	63.46	142.7	64.09	142.7	65.08	140.5	65.78
	-18.8	-19	146.9	62.69	146.9	63.13	145.9	63.80	145.9	64.42	145.9	65.41	143.7	66.11
	-16.7	-17	153.7	63.39	153.7	63.82	152.7	64.49	152.7	65.11	152.7	66.11	150.2	64.47
	-13.7	-15	163.3	64.38	163.3	64.82	162.3	65.48	162.3	66.11	162.3	63.67	159.7	62.13
	-11.8	-13	168.6	65.02	168.6	65.45	167.6	66.11	167.6	64.38	167.6	62.13	165.6	60.65
	-9.8	-11	174.3	65.67	174.3	66.11	173.3	64.20	173.3	62.56	173.3	60.50	171.8	59.10
	-9.5	-10	175.4	65.78	175.4	65.81	174.4	63.93	174.4	62.29	174.4	60.25	172.8	58.86
	-8.5	-9.1	179.0	66.11	179.0	64.80	177.7	62.97	177.7	61.37	177.7	59.45	176.0	58.08
	-7.0	-7.6	184.3	64.61	184.3	63.28	183.2	61.54	183.2	60.01	183.0	58.22	180.8	56.92
	-5.0	-5.6	191.5	62.60	191.5	61.27	190.2	59.63	190.2	58.20	190.2	56.59	187.1	55.35
	-3.0	-3.7	198.6	60.59	198.6	59.26	197.3	57.73	197.3	56.37	197.3	54.97	192.4	53.80
	0.0	-0.7	209.2	57.57	209.2	56.24	207.8	54.87	207.8	53.65	206.6	52.52	192.4	51.45
	3.0	2.2	219.9	54.56	219.9	53.21	217.7	52.02	213.6	50.93	207.0	50.09	192.4	49.12
	5.0	4.1	226.5	52.55	226.0	51.18	221.1	50.10	213.6	49.10	207.0	48.45	192.4	47.56
	7.0	6.0	231.9	50.54	230.2	49.17	221.1	48.21	213.6	47.28	207.0	46.84	192.4	46.00
	9.0	7.9	232.6	49.03	230.2	47.70	221.1	46.77	213.6	45.87	207.0	45.43	192.4	44.63
	11.0	9.8	232.6	47.95	230.2	46.65	221.1	45.72	213.6	44.85	207.0	44.43	192.4	43.64
	13.0	11.8	232.6	46.78	230.2	45.50	221.1	44.61	213.6	43.77	207.0	43.35	192.4	42.58
15.0	13.7	232.6	45.53	230.2	44.30	221.1	43.43	213.6	42.60	207.0	42.19	192.4	41.44	
110	-24.8	-25	111.4	61.14	111.4	61.80	110.7	62.43	110.7	63.42	110.7	64.12	108.9	64.45
	-21.8	-22	135.5	62.14	135.5	62.80	134.6	63.42	134.6	64.42	134.6	65.11	132.5	65.45
	-19.8	-20	142.9	62.80	142.9	63.46	142.1	64.09	142.1	65.08	142.1	65.78	139.7	66.11
	-18.8	-19	146.1	63.13	146.1	63.80	145.1	64.42	145.1	65.41	145.1	66.11	142.9	65.25
	-16.7	-17	152.9	63.82	152.9	64.49	151.9	65.11	151.9	66.11	151.9	64.34	149.4	63.43
	-13.7	-15	162.4	64.82	162.4	65.48	161.4	66.11	161.4	63.43	161.4	61.80	161.4	60.85
	-11.8	-13	167.8	65.45	167.8	66.11	166.7	64.21	166.7	61.74	166.7	60.21	166.7	59.20
	-9.8	-11	173.3	66.11	173.3	63.98	172.3	62.23	172.3	59.95	172.3	58.52	171.5	57.49
	-9.5	-10	174.4	65.76	174.4	63.65	173.4	61.93	173.4	59.67	173.4	58.28	172.8	57.23
	-8.5	-9.1	178.0	64.61	178.0	62.58	176.9	60.93	176.9	58.78	176.9	57.43	173.1	56.36
	-7.0	-7.6	183.3	62.87	183.3	60.97	182.2	59.43	182.2	57.44	182.2	56.16	173.1	55.07
	-5.0	-5.6	190.4	60.57	190.4	58.84	189.1	57.44	189.1	55.66	185.3	54.48	173.1	53.34
	-3.0	-3.7	197.5	58.26	197.5	56.70	196.1	55.45	191.9	53.88	185.3	52.80	173.1	51.62
	0.0	-0.7	208.1	54.79	207.7	53.49	198.3	52.46	191.9	51.19	185.3	50.26	173.1	49.03
	3.0	2.2	218.3	51.33	211.3	50.29	198.3	49.47	191.9	48.51	185.3	47.74	173.1	46.44
	5.0	4.1	223.6	49.02	211.3	48.14	198.3	47.48	191.9	46.73	185.3	46.05	173.1	44.72
	7.0	6.0	223.6	46.71	211.3	46.01	198.3	45.49	191.9	44.94	185.3	44.36	173.1	42.99
	9.0	7.9	223.6	45.12	211.3	44.43	198.3	43.94	191.9	43.40	185.3	42.84	173.1	41.52
	11.0	9.8	223.6	43.89	211.3	43.23	198.3	42.75	191.9	42.23	185.3	41.70	173.1	40.41
	13.0	11.8	223.6	42.60	211.3	41.97	198.3	41.50	191.9	40.98	185.3	40.46	173.1	39.22
15.0	13.7	223.6	41.23	211.3	40.61	198.3	40.16	191.9	39.66	185.3	39.15	173.1	37.95	

7. Capacity Tables

Heating Capacity (58HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	110.9	67.71	110.9	67.49	110.2	63.08	110.2	66.98	110.2	66.76	108.4	66.64
	-21.8	-22	134.8	67.39	134.8	67.17	134.1	65.06	134.1	66.65	134.1	67.35	131.8	66.32
	-19.8	-20	142.3	67.17	142.3	66.96	141.4	66.32	141.4	66.44	141.4	66.53	139.2	66.11
	-18.8	-19	145.4	67.06	144.6	66.85	144.6	66.65	144.6	66.33	144.6	66.11	142.2	65.05
	-16.7	-17	151.3	66.84	151.3	66.63	151.3	67.35	150.4	66.11	150.4	63.94	147.9	62.85
	-13.7	-15	161.6	66.52	161.6	66.31	160.7	66.11	160.7	62.95	160.7	60.83	158.2	59.68
	-11.8	-13	166.9	66.32	166.0	66.11	166.0	63.99	166.0	60.96	166.0	58.86	158.2	57.68
	-9.8	-11	172.4	66.11	172.4	63.74	171.6	61.77	171.6	58.84	169.8	56.79	158.2	55.58
	-9.5	-10	173.4	65.73	173.4	63.38	172.6	61.42	172.6	58.54	169.8	56.48	158.2	55.27
	-8.5	-9.1	177.0	64.49	177.0	62.19	176.2	60.31	175.6	57.49	169.8	55.44	158.2	54.21
	-7.0	-7.6	185.3	62.63	184.6	60.42	181.4	58.64	175.6	55.91	169.8	53.89	158.2	52.63
	-5.0	-5.6	193.4	60.15	191.5	58.04	181.4	56.41	175.6	53.80	169.8	51.82	158.2	50.53
	-3.0	-3.7	199.0	57.65	193.0	55.67	181.4	54.18	175.6	51.70	169.8	49.75	158.2	48.42
	0.0	-0.7	204.6	53.93	193.0	52.11	181.4	50.84	175.6	48.54	169.8	46.65	158.2	45.26
	3.0	2.2	204.6	50.20	193.0	48.54	181.4	47.50	175.6	45.38	169.8	43.54	158.2	42.10
	5.0	4.1	204.6	47.71	193.0	46.18	181.4	45.26	175.6	43.28	169.8	41.47	158.2	40.00
	7.0	6.0	204.6	45.22	193.0	43.80	181.4	43.04	175.6	41.18	169.8	39.40	158.2	37.89
	9.0	7.9	204.6	43.44	193.0	42.07	181.4	41.34	175.6	39.55	169.8	37.84	158.2	36.39
	11.0	9.8	204.6	42.01	193.0	40.70	181.4	39.99	175.6	38.26	169.8	36.60	158.2	35.19
	13.0	11.8	204.6	40.49	193.0	39.22	181.4	38.54	175.6	36.87	169.8	35.28	158.2	33.93
15.0	13.7	204.6	38.90	193.0	37.68	181.4	37.02	175.6	35.41	169.8	33.89	158.2	32.59	
90	-24.8	-25	110.4	60.17	110.4	61.17	109.8	61.86	109.8	62.19	109.8	62.86	108.1	63.85
	-21.8	-22	134.3	61.17	134.3	62.16	133.6	62.86	133.6	63.19	133.6	63.85	131.3	61.08
	-19.8	-20	141.7	61.83	141.7	62.82	140.8	63.52	140.8	63.85	140.8	61.96	138.6	59.23
	-18.8	-19	145.4	62.16	144.6	63.15	144.0	63.85	144.0	62.88	144.0	61.01	141.7	58.30
	-16.7	-17	151.3	62.86	151.3	63.85	150.6	61.83	150.6	60.82	150.6	59.02	144.5	56.36
	-13.7	-15	161.6	63.85	161.6	60.84	160.1	58.94	160.1	57.88	155.7	56.17	144.5	53.59
	-11.8	-13	166.9	61.78	166.0	58.93	165.4	57.11	160.8	56.02	155.7	54.37	144.5	51.83
	-9.8	-11	172.4	59.60	172.4	56.93	166.0	55.17	160.8	54.07	155.7	52.46	144.5	49.98
	-9.5	-10	173.4	59.28	173.4	56.62	166.0	54.89	160.8	53.78	155.7	52.19	144.5	49.70
	-8.5	-9.1	177.0	58.19	175.8	55.61	166.0	53.92	160.8	52.80	155.7	51.24	144.5	48.77
	-7.0	-7.6	185.3	56.56	176.3	54.11	166.0	52.47	160.8	51.33	155.7	49.81	144.5	47.39
	-5.0	-5.6	187.3	54.39	176.3	52.10	166.0	50.54	160.8	49.39	155.7	47.91	144.5	45.54
	-3.0	-3.7	187.3	52.21	176.3	50.09	166.0	48.63	160.8	47.43	155.7	46.01	144.5	43.70
	0.0	-0.7	187.3	48.95	176.3	47.09	166.0	45.74	160.8	44.49	155.7	43.16	144.5	40.91
	3.0	2.2	187.3	45.67	176.3	44.07	166.0	42.84	160.8	41.56	155.7	40.33	144.5	38.15
	5.0	4.1	187.3	43.50	176.3	42.05	166.0	40.91	160.8	39.60	155.7	38.43	144.5	36.30
	7.0	6.0	187.3	41.33	176.3	40.05	166.0	38.98	160.8	37.65	155.7	36.54	144.5	34.44
	9.0	7.9	187.3	39.28	176.3	38.08	166.0	37.05	160.8	35.79	155.7	34.73	144.5	32.75
	11.0	9.8	187.3	37.24	176.3	36.10	166.0	35.12	160.8	33.93	155.7	32.92	144.5	31.03
	13.0	11.8	187.3	35.19	176.3	34.12	166.0	33.20	160.8	32.06	155.7	31.11	144.5	29.34
15.0	13.7	187.3	33.15	176.3	32.13	166.0	31.26	160.8	30.20	155.7	29.31	144.5	27.63	
80	-24.8	-25	110.0	52.94	110.0	53.93	109.3	54.62	109.3	54.97	109.3	56.61	107.6	54.18
	-21.8	-22	132.9	53.93	132.9	54.93	132.9	55.63	132.9	56.61	132.9	54.18	129.1	51.84
	-19.8	-20	140.3	54.60	140.3	55.58	140.3	56.61	140.3	54.89	138.6	52.55	129.1	50.27
	-18.8	-19	143.4	54.93	143.4	56.61	143.4	55.74	143.3	54.03	138.8	51.74	129.1	49.49
	-16.7	-17	148.4	56.61	148.4	54.80	148.4	53.91	144.0	52.22	138.8	50.03	129.1	47.86
	-13.7	-15	155.2	53.91	152.1	52.18	148.4	51.28	144.0	49.63	138.8	47.58	129.1	45.51
	-11.8	-13	159.1	52.19	154.4	50.52	148.4	49.61	144.0	48.00	138.8	46.03	129.1	44.03
	-9.8	-11	163.4	50.39	156.7	48.79	148.4	47.87	144.0	46.27	138.8	44.41	129.1	42.47
	-9.5	-10	164.5	50.11	157.5	48.52	148.4	47.60	144.0	46.01	138.8	44.17	129.1	42.24
	-8.5	-9.1	166.2	49.20	158.2	47.66	148.4	46.73	144.0	45.16	138.8	43.36	129.1	41.45
	-7.0	-7.6	167.8	47.86	158.2	46.36	148.4	45.42	144.0	43.86	138.8	42.13	129.1	40.28
	-5.0	-5.6	167.8	46.04	158.2	44.61	148.4	43.66	144.0	42.14	138.8	40.51	129.1	38.72
	-3.0	-3.7	167.8	44.23	158.2	42.87	148.4	41.92	144.0	40.41	138.8	38.88	129.1	37.15
	0.0	-0.7	167.8	41.53	158.2	40.27	148.4	39.30	144.0	37.82	138.8	36.45	129.1	34.82
	3.0	2.2	167.8	38.81	158.2	37.66	148.4	36.66	144.0	35.23	138.8	34.00	129.1	32.48
	5.0	4.1	167.8	37.01	158.2	35.91	148.4	34.92	144.0	33.51	138.8	32.37	129.1	30.92
	7.0	6.0	167.8	35.20	158.2	34.18	148.4	33.17	144.0	31.79	138.8	30.74	129.1	29.36
	9.0	7.9	167.8	33.05	158.2	32.09	148.4	31.14	144.0	29.85	138.8	28.88	129.1	27.56
	11.0	9.8	167.8	30.68	158.2	29.78	148.4	28.90	144.0	27.71	138.8	26.79	129.1	25.58
	13.0	11.8	167.8	28.63	158.2	27.79	148.4	26.98	144.0	25.86	138.8	25.01	129.1	23.87
15.0	13.7	167.8	26.95	158.2	26.18	148.4	25.40	144.0	24.34	138.8	23.55	129.1	22.49	

7. Capacity Tables

Heating Capacity (58HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	110.0	53.15	110.0	53.48	109.3	54.15	109.3	55.14	109.3	52.50	107.5	50.03
	-21.8	-22	127.2	54.15	127.2	54.48	126.4	55.14	122.0	52.50	118.5	50.03	110.5	47.64
	-19.8	-20	138.6	54.81	134.3	55.14	126.4	53.29	122.0	50.74	118.5	48.38	110.5	46.06
	-18.8	-19	142.1	55.14	134.3	54.18	126.4	52.36	122.0	49.86	118.5	47.56	110.5	45.27
	-16.7	-17	142.3	53.16	134.3	52.17	126.4	50.41	122.0	48.01	118.5	45.84	110.5	43.59
	-13.7	-15	142.3	50.30	134.3	49.29	126.4	47.63	122.0	45.37	118.5	43.36	110.5	41.21
	-11.8	-13	142.3	48.50	134.3	47.46	126.4	45.88	122.0	43.69	118.5	41.80	110.5	39.69
	-9.8	-11	142.3	46.59	134.3	45.54	126.4	44.01	122.0	41.94	118.5	40.15	110.5	38.11
	-9.5	-10	142.3	46.31	134.3	45.26	126.4	43.74	122.0	41.67	118.5	39.91	110.5	37.87
	-8.5	-9.1	142.3	45.36	134.3	44.30	126.4	42.80	122.0	40.79	118.5	39.09	110.5	37.07
	-7.0	-7.6	142.3	43.94	134.3	42.85	126.4	41.41	122.0	39.46	118.5	37.85	110.5	35.88
	-5.0	-5.6	142.3	42.05	134.3	40.93	126.4	39.56	122.0	37.71	118.5	36.20	110.5	34.29
	-3.0	-3.7	142.3	40.14	134.3	39.02	126.4	37.71	122.0	35.96	118.5	34.56	110.5	32.71
	0.0	-0.7	142.3	37.30	134.3	36.13	126.4	34.93	122.0	33.31	118.5	32.09	110.5	30.31
	3.0	2.2	142.3	34.45	134.3	33.26	126.4	32.15	122.0	30.67	118.5	29.62	110.5	27.93
	5.0	4.1	142.3	32.55	134.3	31.33	126.4	30.29	122.0	28.90	118.5	27.97	110.5	26.35
	7.0	6.0	142.3	30.65	134.3	29.41	126.4	28.43	122.0	27.15	118.5	26.33	110.5	24.75
	9.0	7.9	142.3	27.68	134.3	26.57	126.4	25.67	122.0	24.51	118.5	23.78	110.5	22.35
11.0	9.8	142.3	25.77	134.3	24.73	126.4	23.92	122.0	22.83	118.5	22.14	110.5	20.81	
13.0	11.8	142.3	24.11	134.3	23.14	126.4	22.37	122.0	21.35	118.5	20.71	110.5	19.47	
15.0	13.7	142.3	22.73	134.3	21.82	126.4	21.08	122.0	20.13	118.5	19.53	110.5	18.36	
60	-24.8	-25	108.6	52.43	108.6	53.08	108.0	54.08	104.7	51.27	101.1	48.63	94.6	46.16
	-21.8	-22	116.6	53.42	115.5	54.08	108.4	51.27	104.7	48.63	101.1	46.16	94.6	43.77
	-19.8	-20	122.0	54.08	115.5	52.09	108.4	49.40	104.7	46.88	101.1	44.50	94.6	42.16
	-18.8	-19	122.0	53.08	115.5	51.10	108.4	48.46	104.7	46.00	101.1	43.68	94.6	41.38
	-16.7	-17	122.0	50.97	115.5	49.01	108.4	46.49	104.7	44.15	101.1	41.94	94.6	39.70
	-13.7	-15	122.0	47.95	115.5	46.04	108.4	43.68	104.7	41.52	101.1	39.47	94.6	37.31
	-11.8	-13	122.0	46.05	115.5	44.14	108.4	41.89	104.7	39.85	101.1	37.90	94.6	35.80
	-9.8	-11	122.0	44.05	115.5	42.16	108.4	40.03	104.7	38.10	101.1	36.25	94.6	34.20
	-9.5	-10	122.0	43.75	115.5	41.86	108.4	39.74	104.7	37.83	101.1	36.01	94.6	33.96
	-8.5	-9.1	122.0	42.74	115.5	40.87	108.4	38.80	104.7	36.95	101.1	35.18	94.6	33.17
	-7.0	-7.6	122.0	41.24	115.5	39.38	108.4	37.40	104.7	35.64	101.1	33.94	94.6	31.97
	-5.0	-5.6	122.0	39.24	115.5	37.39	108.4	35.52	104.7	33.88	101.1	32.29	94.6	30.38
	-3.0	-3.7	122.0	37.22	115.5	35.40	108.4	33.64	104.7	32.12	101.1	30.64	94.6	28.78
	0.0	-0.7	122.0	34.21	115.5	32.42	108.4	30.85	104.7	29.49	101.1	28.16	94.6	26.39
	3.0	2.2	122.0	31.19	115.5	29.43	108.4	28.03	104.7	26.85	101.1	25.68	94.6	24.01
	5.0	4.1	122.0	29.20	115.5	27.45	108.4	26.15	104.7	25.08	101.1	24.04	94.6	22.41
	7.0	6.0	122.0	27.19	115.5	25.46	108.4	24.29	104.7	23.34	101.1	22.39	94.6	20.81
	9.0	7.9	122.0	24.26	115.5	22.72	108.4	21.66	104.7	20.82	101.1	19.97	94.6	18.57
11.0	9.8	122.0	22.65	115.5	21.22	108.4	20.23	104.7	19.44	101.1	18.65	94.6	17.34	
13.0	11.8	122.0	21.22	115.5	19.88	108.4	18.96	104.7	18.22	101.1	17.47	94.6	16.25	
15.0	13.7	122.0	20.05	115.5	18.78	108.4	17.90	104.7	17.21	101.1	16.52	94.6	15.36	
50	-24.8	-25	101.8	46.01	96.0	47.00	90.3	44.50	87.4	42.18	84.5	39.97	78.7	37.91
	-21.8	-22	101.8	47.00	96.0	44.50	90.3	42.18	87.4	39.97	84.5	37.91	78.7	35.94
	-19.8	-20	101.8	45.26	96.0	42.85	90.3	40.62	87.4	38.50	84.5	36.55	78.7	34.62
	-18.8	-19	101.8	44.38	96.0	42.01	90.3	39.84	87.4	37.76	84.5	35.86	78.7	33.96
	-16.7	-17	101.8	42.56	96.0	40.25	90.3	38.20	87.4	36.21	84.5	34.42	78.7	32.59
	-13.7	-15	101.8	39.96	96.0	37.76	90.3	35.87	87.4	34.01	84.5	32.37	78.7	30.61
	-11.8	-13	101.8	38.29	96.0	36.17	90.3	34.40	87.4	32.61	84.5	31.08	78.7	29.36
	-9.8	-11	101.8	36.56	96.0	34.52	90.3	32.84	87.4	31.15	84.5	29.71	78.7	28.04
	-9.5	-10	101.8	36.29	96.0	34.27	90.3	32.61	87.4	30.92	84.5	29.50	78.7	27.85
	-8.5	-9.1	101.8	35.43	96.0	33.43	90.3	31.83	87.4	30.19	84.5	28.82	78.7	27.19
	-7.0	-7.6	101.8	34.12	96.0	32.19	90.3	30.67	87.4	29.08	84.5	27.79	78.7	26.20
	-5.0	-5.6	101.8	32.39	96.0	30.52	90.3	29.11	87.4	27.61	84.5	26.41	78.7	24.88
	-3.0	-3.7	101.8	30.63	96.0	28.86	90.3	27.56	87.4	26.15	84.5	25.05	78.7	23.57
	0.0	-0.7	101.8	28.03	96.0	26.36	90.3	25.22	87.4	23.93	84.5	23.00	78.7	21.59
	3.0	2.2	101.8	25.41	96.0	23.87	90.3	22.89	87.4	21.73	84.5	20.95	78.7	19.62
	5.0	4.1	101.8	23.67	96.0	22.20	90.3	21.33	87.4	20.26	84.5	19.58	78.7	18.31
	7.0	6.0	101.8	21.93	96.0	20.53	90.3	19.79	87.4	18.80	84.5	18.21	78.7	16.99
	9.0	7.9	101.8	19.81	96.0	18.54	90.3	17.86	87.4	16.97	84.5	16.44	78.7	15.33
11.0	9.8	101.8	18.53	96.0	17.35	90.3	16.71	87.4	15.88	84.5	15.38	78.7	14.35	
13.0	11.8	101.8	17.39	96.0	16.29	90.3	15.69	87.4	14.90	84.5	14.45	78.7	13.47	
15.0	13.7	101.8	16.47	96.0	15.41	90.3	14.85	87.4	14.11	84.5	13.67	78.7	12.75	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM600BTE5

Heating Capacity (60HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	114.7	62.34	114.7	62.95	114.0	63.49	114.0	64.33	114.0	65.12	112.3	66.36
	-21.8	-22	140.4	63.58	140.4	64.21	139.4	64.75	139.4	65.58	139.4	66.36	137.1	67.63
	-19.8	-20	148.4	64.42	148.4	65.03	147.4	65.58	147.4	66.42	147.4	67.21	145.1	68.45
	-18.8	-19	151.9	64.82	151.9	65.45	150.9	66.00	150.9	66.84	150.9	67.63	148.4	68.87
	-16.7	-17	159.0	65.70	159.0	66.33	158.0	66.87	158.0	67.72	158.0	68.50	155.4	69.75
	-13.7	-15	169.1	66.96	169.1	67.57	168.1	68.12	168.1	68.96	168.1	69.75	165.3	67.09
	-11.8	-13	174.6	67.75	174.6	68.38	173.6	68.93	173.6	69.75	173.6	67.95	171.6	65.38
	-9.8	-11	180.4	68.59	180.4	69.20	179.3	69.75	179.3	67.83	179.3	66.06	177.9	63.59
	-9.5	-10	181.4	68.71	181.4	69.33	180.4	69.45	180.4	67.53	180.1	65.77	178.9	63.33
	-8.5	-9.1	185.1	69.14	185.1	69.75	184.1	68.48	184.1	66.57	183.1	64.82	182.1	62.43
	-7.0	-7.6	190.7	69.75	190.7	68.30	189.4	67.00	189.4	65.13	189.4	63.39	187.4	61.09
	-5.0	-5.6	198.1	67.87	198.1	66.37	196.8	65.03	196.8	63.21	196.8	61.51	193.9	59.32
	-3.0	-3.7	205.5	66.01	205.5	64.44	204.2	63.05	204.2	61.29	204.2	59.60	200.5	57.53
	0.0	-0.7	216.5	63.19	216.5	61.55	215.1	60.09	215.1	58.38	215.1	56.75	210.3	54.85
	3.0	2.2	227.6	60.37	227.6	58.64	226.1	57.15	226.1	55.50	224.6	53.91	210.5	52.19
	5.0	4.1	234.3	58.49	234.3	56.71	233.1	55.16	231.9	53.58	226.0	52.01	210.5	50.40
	7.0	6.0	239.9	56.61	239.9	54.80	238.5	53.20	234.3	51.66	226.0	50.12	210.5	48.61
	9.0	7.9	240.9	55.07	240.9	53.29	240.1	51.74	234.3	50.23	226.0	48.75	210.5	47.27
	11.0	9.8	240.9	54.00	240.9	52.26	240.1	50.74	234.3	49.26	226.0	47.79	210.5	46.36
	13.0	11.8	240.9	52.84	240.9	51.13	240.1	49.66	234.3	48.21	226.0	46.77	210.5	45.37
15.0	13.7	240.9	51.61	240.9	49.94	240.1	48.50	234.3	47.08	226.0	45.67	210.5	44.30	
120	-24.8	-25	114.0	62.95	114.0	63.49	113.2	64.33	113.2	65.12	113.2	66.36	111.5	67.24
	-21.8	-22	139.4	64.21	139.4	64.75	138.4	65.58	138.4	66.36	138.4	67.63	136.3	68.50
	-19.8	-20	147.4	65.03	147.4	65.58	146.4	66.42	146.4	67.21	146.4	68.45	144.1	69.33
	-18.8	-19	150.7	65.45	150.7	66.00	149.7	66.84	149.7	67.63	149.7	68.87	147.4	69.75
	-16.7	-17	157.8	66.33	157.8	66.87	156.8	67.72	156.8	68.50	156.8	69.75	154.2	68.03
	-13.7	-15	167.8	67.57	167.8	68.12	166.8	68.96	166.8	69.75	166.8	67.19	164.1	65.56
	-11.8	-13	173.3	68.38	173.3	68.93	172.3	69.75	172.3	67.94	172.3	65.57	170.3	64.01
	-9.8	-11	179.1	69.20	179.1	69.75	178.1	67.75	178.1	66.02	178.1	63.86	176.7	62.38
	-9.5	-10	180.2	69.33	180.2	69.43	179.2	67.46	179.2	65.73	179.2	63.59	177.8	62.12
	-8.5	-9.1	183.9	69.75	183.9	68.38	182.6	66.45	182.6	64.77	182.6	62.75	181.0	61.30
	-7.0	-7.6	189.4	68.18	189.4	66.78	188.2	64.94	188.2	63.34	188.0	61.45	186.1	60.09
	-5.0	-5.6	196.8	66.06	196.8	64.67	195.5	62.94	195.5	61.44	195.5	59.74	192.7	58.43
	-3.0	-3.7	204.0	63.95	204.0	62.56	202.7	60.95	202.7	59.51	202.7	58.04	197.7	56.80
	0.0	-0.7	215.0	60.78	215.0	59.38	213.5	57.94	213.5	56.65	212.3	55.46	197.7	54.33
	3.0	2.2	225.9	57.62	225.9	56.20	223.7	54.94	219.5	53.79	212.7	52.90	197.7	51.88
	5.0	4.1	232.7	55.51	232.2	54.06	227.1	52.92	219.5	51.86	212.7	51.18	197.7	50.24
	7.0	6.0	238.3	53.39	236.6	51.95	227.1	50.93	219.5	49.95	212.7	49.49	197.7	48.59
	9.0	7.9	239.1	51.80	236.6	50.41	227.1	49.42	219.5	48.47	212.7	48.01	197.7	47.16
	11.0	9.8	239.1	50.67	236.6	49.31	227.1	48.32	219.5	47.40	212.7	46.96	197.7	46.12
	13.0	11.8	239.1	49.45	236.6	48.10	227.1	47.16	219.5	46.27	212.7	45.82	197.7	45.02
15.0	13.7	239.1	48.14	236.6	46.84	227.1	45.93	219.5	45.04	212.7	44.61	197.7	43.82	
110	-24.8	-25	113.4	63.49	113.4	64.33	112.7	65.12	112.7	66.36	112.7	67.24	110.8	67.66
	-21.8	-22	138.7	64.75	138.7	65.58	137.7	66.36	137.7	67.63	137.7	68.50	135.6	68.93
	-19.8	-20	146.6	65.58	146.6	66.42	145.7	67.21	145.7	68.45	145.7	69.33	143.3	69.75
	-18.8	-19	149.9	66.00	149.9	66.84	148.9	67.63	148.9	68.87	148.9	69.75	146.6	68.84
	-16.7	-17	157.0	66.87	157.0	67.72	156.0	68.50	156.0	69.75	156.0	67.89	153.4	66.93
	-13.7	-15	166.9	68.12	166.9	68.96	165.8	69.75	165.8	66.94	165.8	65.22	165.8	64.22
	-11.8	-13	172.4	68.93	172.4	69.75	171.3	67.75	171.3	65.16	171.3	63.55	171.3	62.48
	-9.8	-11	178.1	69.75	178.1	67.51	177.1	65.67	177.1	63.27	177.1	61.77	176.5	60.68
	-9.5	-10	179.2	69.38	179.2	67.17	178.2	65.36	178.2	62.98	178.2	61.51	177.6	60.40
	-8.5	-9.1	182.9	68.17	182.9	66.04	181.8	64.31	181.8	62.04	181.8	60.62	177.9	59.49
	-7.0	-7.6	188.4	66.34	188.4	64.35	187.2	62.73	187.2	60.63	187.2	59.28	177.9	58.13
	-5.0	-5.6	195.6	63.92	195.6	62.11	194.3	60.63	194.3	58.76	190.4	57.51	177.9	56.31
	-3.0	-3.7	202.9	61.49	202.9	59.85	201.5	58.53	197.2	56.88	190.4	55.75	177.9	54.51
	0.0	-0.7	213.8	57.84	213.4	56.48	203.7	55.40	197.2	54.05	190.4	53.08	177.9	51.78
	3.0	2.2	224.2	54.20	217.2	53.11	203.7	52.25	197.2	51.24	190.4	50.42	177.9	49.04
	5.0	4.1	229.8	51.77	217.2	50.85	203.7	50.15	197.2	49.36	190.4	48.64	177.9	47.24
	7.0	6.0	229.8	49.35	217.2	48.61	203.7	48.05	197.2	47.47	190.4	46.86	177.9	45.42
	9.0	7.9	229.8	47.68	217.2	46.95	203.7	46.42	197.2	45.86	190.4	45.27	177.9	43.87
	11.0	9.8	229.8	46.39	217.2	45.69	203.7	45.18	197.2	44.63	190.4	44.07	177.9	42.71
	13.0	11.8	229.8	45.03	217.2	44.36	203.7	43.87	197.2	43.32	190.4	42.77	177.9	41.46
15.0	13.7	229.8	43.59	217.2	42.94	203.7	42.46	197.2	41.93	190.4	41.40	177.9	40.13	

7. Capacity Tables

Heating Capacity (60HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	112.9	70.70	112.9	70.56	112.2	66.24	112.2	70.27	112.2	70.14	110.3	70.06
	-21.8	-22	137.9	70.51	137.9	70.37	137.2	68.32	137.2	70.07	137.2	70.95	134.8	69.88
	-19.8	-20	145.9	70.37	145.9	70.25	145.1	69.65	145.1	69.94	145.1	70.16	142.8	69.75
	-18.8	-19	149.2	70.31	148.4	70.19	148.4	70.07	148.4	69.88	148.4	69.75	145.9	68.64
	-16.7	-17	155.3	70.18	155.3	70.06	155.3	70.95	154.5	69.75	154.5	67.47	151.9	66.32
	-13.7	-15	166.1	70.00	166.1	69.87	165.1	69.75	165.1	66.43	165.1	64.20	162.6	62.98
	-11.8	-13	171.6	69.88	170.6	69.75	170.6	67.53	170.6	64.33	170.6	62.11	162.6	60.87
	-9.8	-11	177.1	69.75	177.1	67.26	176.4	65.19	176.4	62.10	174.4	59.94	162.6	58.66
	-9.5	-10	178.2	69.35	178.2	66.88	177.4	64.82	177.4	61.79	174.4	59.61	162.6	58.33
	-8.5	-9.1	181.9	68.04	181.9	65.62	181.1	63.65	180.4	60.68	174.4	58.52	162.6	57.22
	-7.0	-7.6	190.4	66.10	189.7	63.77	186.4	61.90	180.4	59.02	174.4	56.89	162.6	55.55
	-5.0	-5.6	198.7	63.48	196.7	61.26	186.4	59.54	180.4	56.79	174.4	54.70	162.6	53.34
	-3.0	-3.7	204.5	60.85	198.4	58.76	186.4	57.19	180.4	54.58	174.4	52.53	162.6	51.12
	0.0	-0.7	210.2	56.94	198.4	55.02	186.4	53.68	180.4	51.25	174.4	49.26	162.6	47.80
	3.0	2.2	210.2	53.01	198.4	51.26	186.4	50.16	180.4	47.93	174.4	45.98	162.6	44.46
	5.0	4.1	210.2	50.39	198.4	48.78	186.4	47.81	180.4	45.72	174.4	43.81	162.6	42.25
	7.0	6.0	210.2	47.78	198.4	46.27	186.4	45.47	180.4	43.50	174.4	41.62	162.6	40.03
	9.0	7.9	210.2	45.90	198.4	44.45	186.4	43.69	180.4	41.80	174.4	39.98	162.6	38.45
	11.0	9.8	210.2	44.40	198.4	43.02	186.4	42.27	180.4	40.44	174.4	38.68	162.6	37.20
	13.0	11.8	210.2	42.81	198.4	41.47	186.4	40.75	180.4	38.99	174.4	37.31	162.6	35.87
15.0	13.7	210.2	41.15	198.4	39.86	186.4	39.16	180.4	37.45	174.4	35.85	162.6	34.47	
90	-24.8	-25	112.4	62.62	112.4	63.89	111.7	64.76	111.7	65.18	111.7	66.01	110.0	67.27
	-21.8	-22	137.4	63.89	137.4	65.13	136.7	66.01	136.7	66.43	136.7	67.27	134.3	64.35
	-19.8	-20	145.4	64.71	145.4	65.97	144.4	66.85	144.4	67.27	144.4	68.28	142.1	62.41
	-18.8	-19	149.2	65.13	148.4	66.39	147.7	67.27	147.7	66.25	147.7	64.28	145.4	61.44
	-16.7	-17	155.3	66.01	155.3	67.27	154.7	65.14	154.7	64.09	154.7	62.19	148.5	59.40
	-13.7	-15	166.1	67.27	166.1	64.11	164.6	62.11	164.6	61.00	160.0	59.20	148.5	56.50
	-11.8	-13	171.6	65.10	170.6	62.10	169.9	60.19	165.3	59.05	160.0	57.31	148.5	54.64
	-9.8	-11	177.1	62.81	177.1	60.01	170.6	58.16	165.3	57.00	160.0	55.31	148.5	52.70
	-9.5	-10	178.2	62.47	178.2	59.68	170.6	57.87	165.3	56.70	160.0	55.03	148.5	52.40
	-8.5	-9.1	181.9	61.33	180.6	58.62	170.6	56.85	165.3	55.67	160.0	54.03	148.5	51.43
	-7.0	-7.6	190.4	59.63	181.1	57.05	170.6	55.33	165.3	54.13	160.0	52.53	148.5	49.98
	-5.0	-5.6	192.4	57.35	181.1	54.94	170.6	53.30	165.3	52.09	160.0	50.53	148.5	48.04
	-3.0	-3.7	192.4	55.06	181.1	52.83	170.6	51.30	165.3	50.04	160.0	48.54	148.5	46.11
	0.0	-0.7	192.4	51.65	181.1	49.69	170.6	48.27	165.3	46.96	160.0	45.55	148.5	43.18
	3.0	2.2	192.4	48.21	181.1	46.52	170.6	45.22	165.3	43.87	160.0	42.58	148.5	40.28
	5.0	4.1	192.4	45.94	181.1	44.41	170.6	43.21	165.3	41.82	160.0	40.59	148.5	38.34
	7.0	6.0	192.4	43.67	181.1	42.32	170.6	41.18	165.3	39.77	160.0	38.60	148.5	36.38
	9.0	7.9	192.4	41.51	181.1	40.25	170.6	39.15	165.3	37.82	160.0	36.70	148.5	34.61
	11.0	9.8	192.4	39.38	181.1	38.17	170.6	37.13	165.3	35.87	160.0	34.80	148.5	32.81
	13.0	11.8	192.4	37.22	181.1	36.09	170.6	35.12	165.3	33.91	160.0	32.90	148.5	31.04
15.0	13.7	192.4	35.09	181.1	34.01	170.6	33.09	165.3	31.96	160.0	31.02	148.5	29.24	
80	-24.8	-25	111.9	55.01	111.9	56.26	111.2	57.13	111.2	57.56	111.2	59.64	109.5	57.09
	-21.8	-22	135.9	56.26	135.9	57.52	135.9	58.40	135.9	59.64	135.9	57.09	132.7	54.63
	-19.8	-20	143.9	57.10	143.9	58.34	143.9	59.64	143.9	57.83	142.5	55.38	132.7	52.98
	-18.8	-19	147.2	57.52	147.2	59.64	147.2	58.72	147.2	56.93	142.7	54.52	132.7	52.16
	-16.7	-17	152.5	59.64	152.5	57.74	152.5	56.80	148.0	55.02	142.7	52.73	132.7	50.44
	-13.7	-15	159.5	56.81	156.3	54.99	152.5	54.04	148.0	52.31	142.7	50.16	132.7	47.97
	-11.8	-13	163.4	55.01	158.6	53.25	152.5	52.29	148.0	50.60	142.7	48.53	132.7	46.42
	-9.8	-11	167.7	53.11	160.9	51.43	152.5	50.47	148.0	48.79	142.7	46.83	132.7	44.79
	-9.5	-10	168.9	52.82	161.8	51.15	152.5	50.19	148.0	48.51	142.7	46.57	132.7	44.54
	-8.5	-9.1	170.7	51.87	162.6	50.25	152.5	49.27	148.0	47.62	142.7	45.73	132.7	43.72
	-7.0	-7.6	172.4	50.46	162.6	48.89	152.5	47.89	148.0	46.26	142.7	44.43	132.7	42.48
	-5.0	-5.6	172.4	48.55	162.6	47.05	152.5	46.05	148.0	44.45	142.7	42.73	132.7	40.85
	-3.0	-3.7	172.4	46.65	162.6	45.22	152.5	44.23	148.0	42.64	142.7	41.02	132.7	39.20
	0.0	-0.7	172.4	43.82	162.6	42.50	152.5	41.47	148.0	39.91	142.7	38.47	132.7	36.76
	3.0	2.2	172.4	40.97	162.6	39.76	152.5	38.70	148.0	37.20	142.7	35.90	132.7	34.30
	5.0	4.1	172.4	39.09	162.6	37.93	152.5	36.88	148.0	35.39	142.7	34.19	132.7	32.65
	7.0	6.0	172.4	37.19	162.6	36.11	152.5	35.04	148.0	33.58	142.7	32.48	132.7	31.02
	9.0	7.9	172.4	34.92	162.6	33.90	152.5	32.90	148.0	31.53	142.7	30.51	132.7	29.12
	11.0	9.8	172.4	32.41	162.6	31.46	152.5	30.53	148.0	29.27	142.7	28.31	132.7	27.02
	13.0	11.8	172.4	30.24	162.6	29.36	152.5	28.51	148.0	27.32	142.7	26.42	132.7	25.22
15.0	13.7	172.4	28.48	162.6	27.66	152.5	26.83	148.0	25.71	142.7	24.88	132.7	23.76	

7. Capacity Tables

Heating Capacity (60HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	111.9	55.59	111.9	56.01	111.2	56.85	111.2	58.10	111.2	55.32	109.4	52.73
	-21.8	-22	130.7	56.85	130.7	57.26	129.9	58.10	125.4	55.32	121.7	52.73	113.6	50.21
	-19.8	-20	143.2	57.68	138.0	58.10	129.9	56.15	125.4	53.48	121.7	50.99	113.6	48.55
	-18.8	-19	146.0	58.10	138.0	57.09	129.9	55.17	125.4	52.55	121.7	50.13	113.6	47.72
	-16.7	-17	146.2	56.02	138.0	54.98	129.9	53.12	125.4	50.60	121.7	48.32	113.6	45.96
	-13.7	-15	146.2	53.02	138.0	51.95	129.9	50.21	125.4	47.83	121.7	45.72	113.6	43.45
	-11.8	-13	146.2	51.12	138.0	50.03	129.9	48.37	125.4	46.06	121.7	44.08	113.6	41.86
	-9.8	-11	146.2	49.12	138.0	48.02	129.9	46.40	125.4	44.22	121.7	42.34	113.6	40.20
	-9.5	-10	146.2	48.82	138.0	47.72	129.9	46.12	125.4	43.94	121.7	42.09	113.6	39.95
	-8.5	-9.1	146.2	47.83	138.0	46.71	129.9	45.13	125.4	43.01	121.7	41.23	113.6	39.10
	-7.0	-7.6	146.2	46.33	138.0	45.19	129.9	43.67	125.4	41.62	121.7	39.92	113.6	37.84
	-5.0	-5.6	146.2	44.35	138.0	43.17	129.9	41.72	125.4	39.78	121.7	38.19	113.6	36.18
	-3.0	-3.7	146.2	42.35	138.0	41.17	129.9	39.78	125.4	37.94	121.7	36.47	113.6	34.52
	0.0	-0.7	146.2	39.36	138.0	38.13	129.9	36.87	125.4	35.16	121.7	33.87	113.6	32.00
	3.0	2.2	146.2	36.37	138.0	35.12	129.9	33.94	125.4	32.39	121.7	31.28	113.6	29.49
	5.0	4.1	146.2	34.37	138.0	33.09	129.9	31.99	125.4	30.52	121.7	29.54	113.6	27.83
	7.0	6.0	146.2	32.38	138.0	31.07	129.9	30.04	125.4	28.68	121.7	27.81	113.6	26.15
	9.0	7.9	146.2	29.24	138.0	28.07	129.9	27.12	125.4	25.90	121.7	25.12	113.6	23.61
	11.0	9.8	146.2	27.22	138.0	26.12	129.9	25.27	125.4	24.12	121.7	23.39	113.6	21.98
	13.0	11.8	146.2	25.47	138.0	24.44	129.9	23.64	125.4	22.56	121.7	21.88	113.6	20.57
15.0	13.7	146.2	24.02	138.0	23.05	129.9	22.27	125.4	21.27	121.7	20.64	113.6	19.40	
60	-24.8	-25	111.3	54.77	111.3	55.59	110.6	56.85	107.6	53.91	103.9	51.14	97.3	48.55
	-21.8	-22	119.7	56.01	118.7	56.85	111.4	53.91	107.6	51.14	103.9	48.55	97.3	46.05
	-19.8	-20	125.4	56.85	118.7	54.76	111.4	51.94	107.6	49.31	103.9	46.82	97.3	44.36
	-18.8	-19	125.4	55.80	118.7	53.73	111.4	50.96	107.6	48.39	103.9	45.95	97.3	43.54
	-16.7	-17	125.4	53.60	118.7	51.55	111.4	48.91	107.6	46.45	103.9	44.13	97.3	41.78
	-13.7	-15	125.4	50.44	118.7	48.43	111.4	45.96	107.6	43.70	103.9	41.54	97.3	39.28
	-11.8	-13	125.4	48.44	118.7	46.45	111.4	44.09	107.6	41.95	103.9	39.90	97.3	37.69
	-9.8	-11	125.4	46.36	118.7	44.38	111.4	42.14	107.6	40.11	103.9	38.17	97.3	36.02
	-9.5	-10	125.4	46.04	118.7	44.06	111.4	41.84	107.6	39.83	103.9	37.92	97.3	35.77
	-8.5	-9.1	125.4	44.99	118.7	43.03	111.4	40.85	107.6	38.91	103.9	37.05	97.3	34.93
	-7.0	-7.6	125.4	43.41	118.7	41.46	111.4	39.39	107.6	37.54	103.9	35.75	97.3	33.68
	-5.0	-5.6	125.4	41.33	118.7	39.38	111.4	37.42	107.6	35.69	103.9	34.03	97.3	32.01
	-3.0	-3.7	125.4	39.22	118.7	37.30	111.4	35.45	107.6	33.85	103.9	32.29	97.3	30.34
	0.0	-0.7	125.4	36.07	118.7	34.18	111.4	32.53	107.6	31.10	103.9	29.70	97.3	27.83
	3.0	2.2	125.4	32.91	118.7	31.05	111.4	29.58	107.6	28.33	103.9	27.10	97.3	25.34
	5.0	4.1	125.4	30.83	118.7	28.98	111.4	27.61	107.6	26.48	103.9	25.38	97.3	23.67
	7.0	6.0	125.4	28.73	118.7	26.90	111.4	25.66	107.6	24.66	103.9	23.66	97.3	21.98
	9.0	7.9	125.4	25.63	118.7	24.00	111.4	22.88	107.6	22.00	103.9	21.10	97.3	19.62
	11.0	9.8	125.4	23.93	118.7	22.42	111.4	21.37	107.6	20.54	103.9	19.71	97.3	18.32
	13.0	11.8	125.4	22.42	118.7	21.00	111.4	20.03	107.6	19.25	103.9	18.45	97.3	17.16
15.0	13.7	125.4	21.18	118.7	19.84	111.4	18.91	107.6	18.18	103.9	17.45	97.3	16.23	
50	-24.8	-25	104.6	48.26	98.6	49.52	92.8	46.89	89.8	44.45	86.8	42.13	80.8	39.96
	-21.8	-22	104.6	49.52	98.6	46.89	92.8	44.45	89.8	42.13	86.8	39.96	80.8	37.88
	-19.8	-20	104.6	47.68	98.6	45.15	92.8	42.81	89.8	40.57	86.8	38.53	80.8	36.50
	-18.8	-19	104.6	46.76	98.6	44.27	92.8	41.98	89.8	39.79	86.8	37.80	80.8	35.80
	-16.7	-17	104.6	44.84	98.6	42.42	92.8	40.26	89.8	38.17	86.8	36.29	80.8	34.36
	-13.7	-15	104.6	42.11	98.6	39.80	92.8	37.81	89.8	35.86	86.8	34.13	80.8	32.28
	-11.8	-13	104.6	40.36	98.6	38.13	92.8	36.27	89.8	34.39	86.8	32.77	80.8	30.97
	-9.8	-11	104.6	38.54	98.6	36.39	92.8	34.63	89.8	32.84	86.8	31.33	80.8	29.57
	-9.5	-10	104.6	38.26	98.6	36.13	92.8	34.38	89.8	32.61	86.8	31.11	80.8	29.37
	-8.5	-9.1	104.6	37.35	98.6	35.25	92.8	33.57	89.8	31.83	86.8	30.40	80.8	28.68
	-7.0	-7.6	104.6	35.98	98.6	33.94	92.8	32.34	89.8	30.67	86.8	29.32	80.8	27.63
	-5.0	-5.6	104.6	34.16	98.6	32.19	92.8	30.70	89.8	29.13	86.8	27.86	80.8	26.25
	-3.0	-3.7	104.6	32.31	98.6	30.45	92.8	29.08	89.8	27.59	86.8	26.43	80.8	24.87
	0.0	-0.7	104.6	29.58	98.6	27.82	92.8	26.61	89.8	25.25	86.8	24.28	80.8	22.78
	3.0	2.2	104.6	26.82	98.6	25.20	92.8	24.16	89.8	22.94	86.8	22.12	80.8	20.72
	5.0	4.1	104.6	25.00	98.6	23.45	92.8	22.52	89.8	21.40	86.8	20.68	80.8	19.34
	7.0	6.0	104.6	23.17	98.6	21.69	92.8	20.91	89.8	19.86	86.8	19.23	80.8	17.94
	9.0	7.9	104.6	20.93	98.6	19.59	92.8	18.86	89.8	17.93	86.8	17.37	80.8	16.20
	11.0	9.8	104.6	19.57	98.6	18.33	92.8	17.66	89.8	16.77	86.8	16.25	80.8	15.16
	13.0	11.8	104.6	18.37	98.6	17.21	92.8	16.57	89.8	15.74	86.8	15.26	80.8	14.23
15.0	13.7	104.6	17.40	98.6	16.28	92.8	15.69	89.8	14.91	86.8	14.45	80.8	13.47	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM620BTE5

Heating Capacity (62HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	118.1	64.57	118.1	65.11	117.4	65.59	117.4	66.34	117.4	67.04	115.2	68.14
	-21.8	-22	145.3	65.67	145.3	66.23	144.2	66.71	144.2	67.44	144.2	68.14	141.4	69.25
	-19.8	-20	153.9	66.42	153.9	66.96	152.9	67.44	152.9	68.18	152.9	68.88	150.0	69.98
	-18.8	-19	157.5	66.77	157.5	67.33	156.5	67.81	156.5	68.56	156.5	69.25	153.4	70.35
	-16.7	-17	164.9	67.55	164.9	68.11	163.8	68.59	163.8	69.33	163.8	70.03	160.7	71.13
	-13.7	-15	175.3	68.67	175.3	69.21	174.3	69.69	174.3	70.43	174.3	71.13	170.9	68.55
	-11.8	-13	181.0	69.36	181.0	69.92	180.0	70.40	180.0	71.13	180.0	69.39	177.4	66.89
	-9.8	-11	187.0	70.11	187.0	70.65	185.9	71.13	185.9	69.29	185.9	67.58	184.2	65.16
	-9.5	-10	188.1	70.22	188.1	70.76	187.0	70.85	187.0	69.01	186.8	67.30	185.3	64.91
	-8.5	-9.1	191.7	70.59	191.7	71.13	190.6	69.93	190.6	68.09	189.8	66.38	188.7	64.04
	-7.0	-7.6	197.1	71.13	197.1	69.77	195.8	68.52	195.8	66.71	195.8	65.00	193.7	62.74
	-5.0	-5.6	204.4	69.39	204.4	67.96	203.1	66.65	203.1	64.87	203.1	63.19	200.5	61.03
	-3.0	-3.7	211.6	67.67	211.6	66.14	210.3	64.77	210.3	63.03	210.3	61.35	207.3	59.29
	0.0	-0.7	222.5	65.06	222.5	63.43	221.0	61.96	221.0	60.25	221.0	58.60	217.4	56.69
	3.0	2.2	233.4	62.45	233.4	60.70	231.8	59.17	231.8	57.49	231.8	55.87	217.6	54.11
	5.0	4.1	240.4	60.71	240.4	58.88	239.1	57.28	239.1	55.66	239.1	54.03	217.6	52.38
	7.0	6.0	247.7	58.97	247.7	57.09	246.1	55.42	242.2	53.82	233.7	52.22	217.6	50.64
9.0	7.9	249.0	57.56	249.0	55.71	248.2	54.09	242.2	52.51	233.7	50.96	217.6	49.42	
11.0	9.8	249.0	56.66	249.0	54.83	248.2	53.23	242.2	51.69	233.7	50.14	217.6	48.64	
13.0	11.8	249.0	55.66	249.0	53.86	248.2	52.31	242.2	50.79	233.7	49.27	217.6	47.79	
15.0	13.7	249.0	54.60	249.0	52.83	248.2	51.30	242.2	49.81	233.7	48.31	217.6	46.87	
120	-24.8	-25	117.3	65.11	117.3	65.59	116.6	66.34	116.6	67.04	116.6	68.14	114.4	68.91
	-21.8	-22	144.2	66.23	144.2	66.71	143.2	67.44	143.2	68.14	143.2	69.25	140.6	70.03
	-19.8	-20	152.8	66.96	152.8	67.44	151.8	68.18	151.8	68.88	151.8	69.98	148.9	70.76
	-18.8	-19	156.3	67.33	156.3	67.81	155.2	68.56	155.2	69.25	155.2	70.35	152.3	71.13
	-16.7	-17	163.6	68.11	163.6	68.59	162.6	69.33	162.6	70.03	162.6	71.13	159.4	69.47
	-13.7	-15	174.0	69.21	174.0	69.69	173.0	70.43	173.0	71.13	173.0	68.65	169.6	67.07
	-11.8	-13	179.7	69.92	179.7	70.40	178.7	71.13	178.7	69.39	178.7	67.09	176.1	65.57
	-9.8	-11	185.7	70.65	185.7	71.13	184.6	69.21	184.6	67.53	184.6	65.44	182.9	63.98
	-9.5	-10	186.8	70.76	186.8	70.82	185.7	68.93	185.7	67.25	185.7	65.18	184.0	63.73
	-8.5	-9.1	190.4	71.13	190.4	69.82	189.1	67.96	189.1	66.33	189.1	64.36	187.2	62.94
	-7.0	-7.6	195.8	69.64	195.8	68.29	194.5	66.51	194.5	64.95	194.5	63.12	192.4	61.76
	-5.0	-5.6	203.0	67.63	203.0	66.28	201.7	64.59	201.7	63.11	201.7	61.46	199.2	60.16
	-3.0	-3.7	210.1	65.63	210.1	64.26	208.8	62.68	208.8	61.26	208.8	59.82	204.4	58.58
	0.0	-0.7	220.9	62.62	220.9	61.22	219.4	59.79	219.4	58.50	219.4	57.33	204.4	56.18
	3.0	2.2	231.6	59.63	231.6	58.18	230.2	56.91	227.0	55.74	219.9	54.85	204.4	53.81
	5.0	4.1	238.8	57.64	238.8	56.14	234.7	54.97	227.0	53.88	219.9	53.19	204.4	52.22
	7.0	6.0	246.1	55.62	244.5	54.12	234.7	53.06	227.0	52.04	219.9	51.56	204.4	50.62
9.0	7.9	247.1	54.14	244.5	52.69	234.7	51.65	227.0	50.66	219.9	50.18	204.4	49.29	
11.0	9.8	247.1	53.14	244.5	51.71	234.7	50.68	227.0	49.71	219.9	49.25	204.4	48.36	
13.0	11.8	247.1	52.06	244.5	50.64	234.7	49.65	227.0	48.71	219.9	48.23	204.4	47.39	
15.0	13.7	247.1	50.88	244.5	49.51	234.7	48.54	227.0	47.61	219.9	47.15	204.4	46.31	
110	-24.8	-25	116.8	65.59	116.8	66.34	116.0	67.04	116.0	68.14	116.0	68.91	113.7	69.28
	-21.8	-22	143.4	66.71	143.4	67.44	142.4	68.14	142.4	69.25	142.4	70.03	139.8	70.40
	-19.8	-20	152.1	67.44	152.1	68.18	151.0	68.88	151.0	69.98	151.0	70.76	148.2	71.13
	-18.8	-19	155.5	67.81	155.5	68.56	154.4	69.25	154.4	70.35	154.4	71.13	151.6	70.24
	-16.7	-17	162.8	68.59	162.8	69.33	161.8	70.03	161.8	71.13	161.8	69.32	158.6	68.38
	-13.7	-15	173.0	69.69	173.0	70.43	172.0	71.13	172.0	68.40	172.0	66.72	172.0	65.72
	-11.8	-13	178.7	70.40	178.7	71.13	177.7	69.19	177.7	66.66	177.7	65.08	177.7	64.02
	-9.8	-11	184.7	71.13	184.7	68.96	183.6	67.17	183.6	64.83	183.6	63.35	183.0	62.26
	-9.5	-10	185.7	70.77	185.7	68.63	184.7	66.87	184.7	64.55	184.7	63.10	183.9	61.98
	-8.5	-9.1	189.3	69.60	189.3	67.53	188.3	65.85	188.3	63.63	188.3	62.23	183.9	61.09
	-7.0	-7.6	194.8	67.84	194.8	65.90	193.5	64.32	193.5	62.26	193.5	60.93	183.9	59.76
	-5.0	-5.6	201.8	65.49	201.8	63.73	200.5	62.28	200.5	60.44	196.9	59.20	183.9	57.98
	-3.0	-3.7	209.0	63.14	209.0	61.54	207.7	60.24	203.8	58.61	196.9	57.48	183.9	56.21
	0.0	-0.7	219.7	59.62	219.7	58.27	210.6	57.20	203.8	55.85	196.9	54.88	183.9	53.54
	3.0	2.2	230.3	56.10	224.6	55.01	210.6	54.14	203.8	53.12	196.9	52.28	183.9	50.86
	5.0	4.1	237.5	53.75	224.6	52.81	210.6	52.10	203.8	51.29	196.9	50.55	183.9	49.10
	7.0	6.0	237.6	51.41	224.6	50.64	210.6	50.06	203.8	49.45	196.9	48.82	183.9	47.32
9.0	7.9	237.6	49.82	224.6	49.06	210.6	48.51	203.8	47.92	196.9	47.31	183.9	45.84	
11.0	9.8	237.6	48.65	224.6	47.91	210.6	47.38	203.8	46.79	196.9	46.21	183.9	44.78	
13.0	11.8	237.6	47.39	224.6	46.68	210.6	46.17	203.8	45.59	196.9	45.01	183.9	43.63	
15.0	13.7	237.6	46.06	224.6	45.37	210.6	44.87	203.8	44.31	196.9	43.75	183.9	42.40	

7. Capacity Tables

Heating Capacity (62HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	116.3	72.71	116.3	72.49	115.5	67.82	115.5	71.99	115.5	71.77	113.2	71.65
	-21.8	-22	142.7	72.39	142.7	72.17	141.9	69.95	141.9	71.67	141.9	72.45	139.1	71.35
	-19.8	-20	151.3	72.17	151.3	71.97	150.5	71.30	150.5	71.45	150.5	71.58	147.6	71.13
	-18.8	-19	154.7	72.07	153.9	71.87	153.9	71.67	153.9	71.35	153.9	71.13	150.8	70.03
	-16.7	-17	161.0	71.85	161.0	71.65	161.0	72.45	160.2	71.13	160.2	68.88	157.1	67.74
	-13.7	-15	172.2	71.55	172.2	71.33	171.2	71.13	171.2	67.87	171.2	65.65	168.1	64.43
	-11.8	-13	177.9	71.35	176.9	71.13	176.9	68.96	176.9	65.80	176.9	63.59	168.1	62.34
	-9.8	-11	183.7	71.13	183.7	68.70	182.8	66.66	182.8	63.61	180.3	61.45	168.1	60.15
	-9.5	-10	184.7	70.75	184.7	68.32	183.9	66.31	183.9	63.30	180.3	61.12	168.1	59.82
	-8.5	-9.1	188.3	69.47	188.3	67.10	187.5	65.16	186.5	62.21	180.3	60.05	168.1	58.72
	-7.0	-7.6	196.9	67.58	196.1	65.29	192.7	63.45	186.5	60.58	180.3	58.44	168.1	57.07
	-5.0	-5.6	205.4	65.03	203.4	62.84	192.7	61.14	186.5	58.39	180.3	56.28	168.1	54.88
	-3.0	-3.7	211.4	62.48	205.1	60.40	192.7	58.84	186.5	56.22	180.3	54.13	168.1	52.69
	0.0	-0.7	217.3	58.68	205.1	56.75	192.7	55.40	186.5	52.94	180.3	50.90	168.1	49.40
	3.0	2.2	217.3	54.86	205.1	53.08	192.7	51.96	186.5	49.67	180.3	47.66	168.1	46.09
	5.0	4.1	217.3	52.31	205.1	50.65	192.7	49.66	186.5	47.50	180.3	45.52	168.1	43.90
	7.0	6.0	217.3	49.78	205.1	48.21	192.7	47.37	186.5	45.31	180.3	43.36	168.1	41.71
	9.0	7.9	217.3	47.99	205.1	46.47	192.7	45.68	186.5	43.70	180.3	41.80	168.1	40.21
	11.0	9.8	217.3	46.61	205.1	45.16	192.7	44.38	186.5	42.45	180.3	40.60	168.1	39.06
13.0	11.8	217.3	45.15	205.1	43.73	192.7	42.97	186.5	41.12	180.3	39.35	168.1	37.83	
15.0	13.7	217.3	43.60	205.1	42.24	192.7	41.50	186.5	39.69	180.3	37.99	168.1	36.53	
90	-24.8	-25	115.8	64.57	115.8	65.69	115.0	66.47	115.0	66.84	115.0	67.57	112.9	68.69
	-21.8	-22	142.2	65.69	142.2	66.79	141.4	67.57	141.4	67.94	141.4	68.69	138.5	65.77
	-19.8	-20	150.8	66.42	150.8	67.54	149.8	68.32	149.8	68.69	149.8	66.71	146.9	63.84
	-18.8	-19	154.7	66.79	153.9	67.91	153.2	68.69	153.2	67.67	153.2	65.72	150.3	62.88
	-16.7	-17	161.0	67.57	161.0	68.69	160.4	66.58	160.4	65.54	160.4	63.64	153.5	60.85
	-13.7	-15	172.2	68.69	172.2	65.57	170.7	63.59	170.7	62.47	165.4	60.67	153.5	57.95
	-11.8	-13	177.9	66.56	176.9	63.59	176.1	61.69	170.9	60.54	165.4	58.79	153.5	56.10
	-9.8	-11	183.7	64.30	183.7	61.53	176.4	59.68	170.9	58.51	165.4	56.81	153.5	54.17
	-9.5	-10	184.7	63.97	184.7	61.20	176.4	59.40	170.9	58.21	165.4	56.53	153.5	53.87
	-8.5	-9.1	188.3	62.85	187.0	60.16	176.4	58.39	170.9	57.19	165.4	55.54	153.5	52.90
	-7.0	-7.6	196.9	61.18	187.3	58.61	176.4	56.89	170.9	55.67	165.4	54.05	153.5	51.46
	-5.0	-5.6	199.0	58.94	187.3	56.53	176.4	54.88	170.9	53.64	165.4	52.07	153.5	49.53
	-3.0	-3.7	199.0	56.69	187.3	54.45	176.4	52.90	170.9	51.61	165.4	50.09	153.5	47.60
	0.0	-0.7	199.0	53.33	187.3	51.35	176.4	49.90	170.9	48.56	165.4	47.12	153.5	44.68
	3.0	2.2	199.0	49.96	187.3	48.23	176.4	46.89	170.9	45.49	165.4	44.17	153.5	41.78
	5.0	4.1	199.0	47.73	187.3	46.15	176.4	44.91	170.9	43.46	165.4	42.19	153.5	39.85
	7.0	6.0	199.0	45.49	187.3	44.09	176.4	42.90	170.9	41.43	165.4	40.21	153.5	37.90
	9.0	7.9	199.0	43.36	187.3	42.04	176.4	40.90	170.9	39.50	165.4	38.33	153.5	36.15
	11.0	9.8	199.0	41.25	187.3	39.98	176.4	38.89	170.9	37.57	165.4	36.46	153.5	34.37
13.0	11.8	199.0	39.12	187.3	37.93	176.4	36.91	170.9	35.64	165.4	34.58	153.5	32.62	
15.0	13.7	199.0	37.01	187.3	35.87	176.4	34.91	170.9	33.71	165.4	32.72	153.5	30.85	
80	-24.8	-25	115.3	56.80	115.3	57.90	114.5	58.68	114.5	59.05	114.5	60.90	112.4	58.36
	-21.8	-22	140.6	57.90	140.6	59.02	140.6	59.80	140.6	60.90	140.6	58.36	137.2	55.90
	-19.8	-20	149.2	58.65	149.2	59.75	149.2	60.90	149.2	59.10	147.5	56.66	137.2	54.25
	-18.8	-19	152.6	59.02	152.6	60.90	152.6	59.99	152.6	58.21	147.5	55.80	137.2	53.43
	-16.7	-17	157.7	60.90	157.7	59.02	157.7	58.08	153.0	56.30	147.5	54.02	137.2	51.71
	-13.7	-15	164.9	58.10	161.6	56.30	157.7	55.34	153.0	53.61	147.5	51.45	137.2	49.25
	-11.8	-13	168.9	56.33	163.9	54.58	157.7	53.61	153.0	51.91	147.5	49.83	137.2	47.70
	-9.8	-11	173.3	54.45	166.3	52.78	157.7	51.81	153.0	50.11	147.5	48.13	137.2	46.07
	-9.5	-10	174.6	54.17	167.3	52.50	157.7	51.53	153.0	49.83	147.5	47.88	137.2	45.82
	-8.5	-9.1	176.4	53.23	168.0	51.61	157.7	50.62	153.0	48.94	147.5	47.04	137.2	45.01
	-7.0	-7.6	178.2	51.83	168.0	50.26	157.7	49.25	153.0	47.59	147.5	45.75	137.2	43.77
	-5.0	-5.6	178.2	49.96	168.0	48.44	157.7	47.42	153.0	45.79	147.5	44.04	137.2	42.14
	-3.0	-3.7	178.2	48.08	168.0	46.63	157.7	45.62	153.0	43.99	147.5	42.34	137.2	40.49
	0.0	-0.7	178.2	45.29	168.0	43.94	157.7	42.88	153.0	41.28	147.5	39.80	137.2	38.05
	3.0	2.2	178.2	42.47	168.0	41.23	157.7	40.14	153.0	38.59	147.5	37.24	137.2	35.59
	5.0	4.1	178.2	40.62	168.0	39.42	157.7	38.33	153.0	36.78	147.5	35.54	137.2	33.94
	7.0	6.0	178.2	38.74	168.0	37.62	157.7	36.50	153.0	34.98	147.5	33.84	137.2	32.31
	9.0	7.9	178.2	36.88	168.0	35.81	157.7	34.27	153.0	32.85	147.5	31.78	137.2	30.34
	11.0	9.8	178.2	35.06	168.0	34.02	157.7	32.56	153.0	30.99	147.5	29.50	137.2	28.15
13.0	11.8	178.2	33.21	168.0	32.23	157.7	30.77	153.0	29.20	147.5	27.52	137.2	26.28	
15.0	13.7	178.2	29.67	168.0	28.81	157.7	27.95	153.0	26.78	147.5	25.92	137.2	24.75	

7. Capacity Tables

Heating Capacity (62HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	115.3	57.26	115.3	57.63	114.5	58.38	114.5	59.48	114.5	56.68	112.4	54.07
	-21.8	-22	135.1	58.38	135.1	58.73	134.3	59.48	129.7	56.68	125.8	54.07	117.5	51.53
	-19.8	-20	148.4	59.10	142.7	59.48	134.3	57.52	129.7	54.83	125.8	52.32	117.5	49.85
	-18.8	-19	151.2	59.48	142.7	58.46	134.3	56.53	129.7	53.89	125.8	51.45	117.5	49.02
	-16.7	-17	151.2	57.39	142.7	56.35	134.3	54.48	129.7	51.94	125.8	49.63	117.5	47.24
	-13.7	-15	151.2	54.40	142.7	53.31	134.3	51.55	129.7	49.14	125.8	47.01	117.5	44.70
	-11.8	-13	151.2	52.49	142.7	51.38	134.3	49.70	129.7	47.37	125.8	45.36	117.5	43.10
	-9.8	-11	151.2	50.49	142.7	49.37	134.3	47.73	129.7	45.52	125.8	43.61	117.5	41.43
	-9.5	-10	151.2	50.19	142.7	49.07	134.3	47.44	129.7	45.24	125.8	43.36	117.5	41.17
	-8.5	-9.1	151.2	49.20	142.7	48.05	134.3	46.46	129.7	44.30	125.8	42.49	117.5	40.31
	-7.0	-7.6	151.2	47.70	142.7	46.53	134.3	44.98	129.7	42.90	125.8	41.17	117.5	39.04
	-5.0	-5.6	151.2	45.72	142.7	44.50	134.3	43.03	129.7	41.05	125.8	39.42	117.5	37.37
	-3.0	-3.7	151.2	43.71	142.7	42.49	134.3	41.07	129.7	39.19	125.8	37.70	117.5	35.69
	0.0	-0.7	151.2	40.72	142.7	39.45	134.3	38.15	129.7	36.40	125.8	35.08	117.5	33.15
	3.0	2.2	151.2	37.72	142.7	36.43	134.3	35.21	129.7	33.61	125.8	32.47	117.5	30.62
	5.0	4.1	151.2	35.72	142.7	34.40	134.3	33.25	129.7	31.73	125.8	30.72	117.5	28.94
	7.0	6.0	151.2	33.74	142.7	32.37	134.3	31.30	129.7	29.88	125.8	28.97	117.5	27.24
	9.0	7.9	151.2	30.46	142.7	29.24	134.3	28.26	129.7	26.98	125.8	26.17	117.5	24.60
11.0	9.8	151.2	28.36	142.7	27.22	134.3	26.32	129.7	25.13	125.8	24.37	117.5	22.90	
13.0	11.8	151.2	26.53	142.7	25.46	134.3	24.62	129.7	23.51	125.8	22.80	117.5	21.43	
15.0	13.7	151.2	25.03	142.7	24.01	134.3	23.20	129.7	22.16	125.8	21.50	117.5	20.21	
60	-24.8	-25	115.1	56.53	115.1	57.26	114.3	58.38	111.3	55.39	107.4	52.58	100.6	49.94
	-21.8	-22	123.8	57.63	122.7	58.38	115.1	55.39	111.3	52.58	107.4	49.94	100.6	47.40
	-19.8	-20	129.7	58.38	122.7	56.25	115.1	53.39	111.3	50.72	107.4	48.19	100.6	45.68
	-18.8	-19	129.7	57.31	122.7	55.21	115.1	52.40	111.3	49.79	107.4	47.31	100.6	44.85
	-16.7	-17	129.7	55.08	122.7	53.00	115.1	50.32	111.3	47.81	107.4	45.46	100.6	43.05
	-13.7	-15	129.7	51.89	122.7	49.84	115.1	47.33	111.3	45.02	107.4	42.82	100.6	40.51
	-11.8	-13	129.7	49.87	122.7	47.84	115.1	45.43	111.3	43.25	107.4	41.15	100.6	38.89
	-9.8	-11	129.7	47.76	122.7	45.73	115.1	43.45	111.3	41.38	107.4	39.40	100.6	37.19
	-9.5	-10	129.7	47.44	122.7	45.41	115.1	43.15	111.3	41.10	107.4	39.14	100.6	36.94
	-8.5	-9.1	129.7	46.37	122.7	44.37	115.1	42.14	111.3	40.16	107.4	38.26	100.6	36.08
	-7.0	-7.6	129.7	44.78	122.7	42.77	115.1	40.66	111.3	38.76	107.4	36.94	100.6	34.81
	-5.0	-5.6	129.7	42.67	122.7	40.67	115.1	38.67	111.3	36.89	107.4	35.19	100.6	33.11
	-3.0	-3.7	129.7	40.54	122.7	38.57	115.1	36.67	111.3	35.02	107.4	33.42	100.6	31.41
	0.0	-0.7	129.7	37.35	122.7	35.40	115.1	33.70	111.3	32.23	107.4	30.78	100.6	28.86
	3.0	2.2	129.7	34.16	122.7	32.23	115.1	30.71	111.3	29.42	107.4	28.15	100.6	26.32
	5.0	4.1	129.7	32.06	122.7	30.13	115.1	28.71	111.3	27.54	107.4	26.40	100.6	24.62
	7.0	6.0	129.7	29.93	122.7	28.03	115.1	26.73	111.3	25.69	107.4	24.65	100.6	22.90
	9.0	7.9	129.7	26.70	122.7	25.01	115.1	23.84	111.3	22.92	107.4	21.98	100.6	20.44
11.0	9.8	129.7	24.93	122.7	23.35	115.1	22.26	111.3	21.40	107.4	20.53	100.6	19.09	
13.0	11.8	129.7	23.35	122.7	21.88	115.1	20.86	111.3	20.05	107.4	19.22	100.6	17.87	
15.0	13.7	129.7	22.06	122.7	20.67	115.1	19.70	111.3	18.94	107.4	18.18	100.6	16.90	
50	-24.8	-25	108.2	49.44	102.0	50.56	95.9	47.92	92.8	45.46	89.7	43.13	83.5	40.94
	-21.8	-22	108.2	50.56	102.0	47.92	95.9	45.46	92.8	43.13	89.7	40.94	83.5	38.84
	-19.8	-20	108.2	48.71	102.0	46.17	95.9	43.81	92.8	41.56	89.7	39.50	83.5	37.44
	-18.8	-19	108.2	47.80	102.0	45.29	95.9	42.98	92.8	40.77	89.7	38.76	83.5	36.73
	-16.7	-17	108.2	45.87	102.0	43.43	95.9	41.25	92.8	39.14	89.7	37.24	83.5	35.28
	-13.7	-15	108.2	43.13	102.0	40.79	95.9	38.79	92.8	36.81	89.7	35.06	83.5	33.18
	-11.8	-13	108.2	41.38	102.0	39.12	95.9	37.24	92.8	35.33	89.7	33.69	83.5	31.86
	-9.8	-11	108.2	39.55	102.0	37.37	95.9	35.59	92.8	33.76	89.7	32.24	83.5	30.44
	-9.5	-10	108.2	39.27	102.0	37.11	95.9	35.34	92.8	33.53	89.7	32.01	83.5	30.23
	-8.5	-9.1	108.2	38.36	102.0	36.23	95.9	34.52	92.8	32.75	89.7	31.30	83.5	29.55
	-7.0	-7.6	108.2	36.98	102.0	34.91	95.9	33.28	92.8	31.58	89.7	30.21	83.5	28.48
	-5.0	-5.6	108.2	35.16	102.0	33.15	95.9	31.63	92.8	30.03	89.7	28.74	83.5	27.09
	-3.0	-3.7	108.2	33.31	102.0	31.40	95.9	30.00	92.8	28.48	89.7	27.29	83.5	25.69
	0.0	-0.7	108.2	30.56	102.0	28.76	95.9	27.52	92.8	26.12	89.7	25.13	83.5	23.59
	3.0	2.2	108.2	27.80	102.0	26.12	95.9	25.06	92.8	23.79	89.7	22.95	83.5	21.50
	5.0	4.1	108.2	25.97	102.0	24.37	95.9	23.41	92.8	22.24	89.7	21.50	83.5	20.10
	7.0	6.0	108.2	24.14	102.0	22.60	95.9	21.78	92.8	20.69	89.7	20.03	83.5	18.69
	9.0	7.9	108.2	21.80	102.0	20.41	95.9	19.65	92.8	18.68	89.7	18.10	83.5	16.88
11.0	9.8	108.2	20.39	102.0	19.09	95.9	18.40	92.8	17.47	89.7	16.93	83.5	15.79	
13.0	11.8	108.2	19.14	102.0	17.92	95.9	17.26	92.8	16.40	89.7	15.89	83.5	14.83	
15.0	13.7	108.2	18.12	102.0	16.96	95.9	16.35	92.8	15.53	89.7	15.05	83.5	14.04	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM640BTE5

Heating Capacity (64HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	119.5	65.68	119.5	66.36	118.7	66.95	118.7	67.88	118.7	68.74	117.1	70.11
	-21.8	-22	147.2	67.05	147.2	67.74	146.2	68.34	146.2	69.24	146.2	70.11	144.0	71.49
	-19.8	-20	156.1	67.97	156.1	68.64	155.1	69.24	155.1	70.16	155.1	71.03	152.9	72.39
	-18.8	-19	159.9	68.41	159.9	69.11	158.9	69.70	158.9	70.62	158.9	71.49	156.5	72.85
	-16.7	-17	167.5	69.37	167.5	70.07	166.5	70.66	166.5	71.59	166.5	72.45	164.1	73.81
	-13.7	-15	178.4	70.76	178.4	71.43	177.3	72.03	177.3	72.95	177.3	73.81	174.7	71.19
	-11.8	-13	184.3	71.62	184.3	72.32	183.2	72.91	183.2	73.81	183.2	74.69	180.6	72.57
	-9.8	-11	190.5	72.55	190.5	73.22	189.4	73.81	189.4	74.71	189.4	75.60	186.8	73.96
	-9.5	-10	191.8	72.68	191.8	73.35	190.7	73.53	190.7	74.42	190.7	75.31	187.9	74.29
	-8.5	-9.1	196.5	73.14	196.5	73.81	195.4	74.20	195.4	75.09	195.4	75.98	193.0	76.87
	-7.0	-7.6	203.6	73.81	203.6	74.45	202.2	74.71	202.2	75.59	202.2	76.48	199.6	77.86
	-5.0	-5.6	213.0	72.08	213.0	70.63	211.6	69.31	211.6	67.49	211.6	65.76	205.7	63.54
	-3.0	-3.7	222.4	70.37	222.4	68.81	221.0	67.40	221.0	65.63	221.0	63.90	212.8	61.78
	0.0	-0.7	236.5	67.77	236.5	66.09	234.8	64.57	233.7	62.81	231.5	61.11	223.7	59.13
	3.0	2.2	245.1	65.17	245.1	63.35	243.7	61.76	242.1	60.02	239.9	58.33	224.7	56.51
	5.0	4.1	250.5	63.43	250.5	61.53	249.3	59.86	247.7	58.16	243.3	56.47	224.7	54.75
	7.0	6.0	256.1	61.70	256.1	59.73	254.7	57.98	250.1	56.30	241.3	54.63	224.7	52.99
	9.0	7.9	257.1	60.30	257.1	58.36	256.3	56.66	250.1	55.01	241.3	53.39	224.7	51.77
	11.0	9.8	257.1	59.44	257.1	57.52	256.3	55.84	250.1	54.22	241.3	52.60	224.7	51.03
	13.0	11.8	257.1	58.47	257.1	56.58	256.3	54.95	250.1	53.35	241.3	51.76	224.7	50.21
15.0	13.7	257.1	57.45	257.1	55.59	256.3	53.98	250.1	52.41	241.3	50.84	224.7	49.32	
120	-24.8	-25	118.7	66.36	118.7	66.95	117.9	67.88	117.9	68.74	117.9	70.11	116.3	71.07
	-21.8	-22	146.2	67.74	146.2	68.34	145.2	69.24	145.2	70.11	145.2	71.49	143.2	72.45
	-19.8	-20	155.1	68.64	155.1	69.24	154.0	70.16	154.0	71.03	154.0	72.39	151.8	73.35
	-18.8	-19	158.6	69.11	158.6	69.70	157.6	70.62	157.6	71.49	157.6	72.85	155.4	73.81
	-16.7	-17	166.2	70.07	166.2	70.66	165.2	71.59	165.2	72.45	165.2	73.81	162.8	72.13
	-13.7	-15	177.1	71.43	177.1	72.03	176.0	72.95	176.0	73.81	176.0	74.69	173.4	69.69
	-11.8	-13	183.0	72.32	183.0	72.91	181.9	73.81	181.9	74.71	181.9	75.60	179.2	73.06
	-9.8	-11	189.1	73.22	189.1	73.81	188.0	74.71	188.0	75.60	188.0	76.49	185.2	74.52
	-9.5	-10	190.5	73.35	190.5	73.51	189.4	74.42	189.4	75.31	189.4	76.20	186.8	74.06
	-8.5	-9.1	195.2	73.81	195.2	74.50	193.9	75.39	193.9	76.28	193.9	77.17	191.0	75.64
	-7.0	-7.6	202.2	72.32	202.2	70.95	200.9	69.14	200.9	67.55	199.0	65.68	197.2	64.29
	-5.0	-5.6	211.6	70.29	211.6	68.91	210.2	67.20	210.2	65.68	210.2	64.00	204.3	62.66
	-3.0	-3.7	220.7	68.28	220.7	66.87	219.4	65.25	219.4	63.80	218.5	62.33	210.4	61.05
	0.0	-0.7	234.8	65.25	234.3	63.80	230.6	62.33	228.6	61.00	226.7	59.80	211.0	58.62
	3.0	2.2	243.2	62.23	242.5	60.73	239.0	59.41	234.4	58.20	227.1	57.28	211.0	56.20
	5.0	4.1	248.8	60.22	248.1	58.66	242.4	57.45	234.4	56.31	227.1	55.60	211.0	54.59
	7.0	6.0	254.4	58.19	252.5	56.62	242.4	55.51	234.4	54.45	227.1	53.94	211.0	52.96
	9.0	7.9	255.2	56.71	252.5	55.19	242.4	54.10	234.4	53.06	227.1	52.56	211.0	51.63
	11.0	9.8	255.2	55.73	252.5	54.24	242.4	53.15	234.4	52.14	227.1	51.66	211.0	50.73
	13.0	11.8	255.2	54.68	252.5	53.19	242.4	52.14	234.4	51.16	227.1	50.66	211.0	49.77
15.0	13.7	255.2	53.52	252.5	52.08	242.4	51.06	234.4	50.08	227.1	49.60	211.0	48.72	
110	-24.8	-25	118.1	66.95	118.1	67.88	117.4	68.74	117.4	70.11	117.4	71.07	115.6	71.53
	-21.8	-22	145.4	68.34	145.4	69.24	144.4	70.11	144.4	71.49	144.4	72.45	142.4	72.91
	-19.8	-20	154.3	69.24	154.3	70.16	153.2	71.03	153.2	72.39	153.2	73.35	151.0	73.81
	-18.8	-19	157.8	69.70	157.8	70.62	156.8	71.49	156.8	72.85	156.8	73.81	154.6	72.90
	-16.7	-17	165.4	70.66	165.4	71.59	164.4	72.45	164.4	73.81	164.4	75.09	162.0	71.00
	-13.7	-15	176.1	72.03	176.1	72.95	175.0	73.81	175.0	74.69	175.0	75.58	172.8	73.06
	-11.8	-13	181.9	72.91	181.9	73.81	180.9	74.71	180.9	75.60	180.9	76.49	178.6	74.52
	-9.8	-11	188.1	73.81	188.1	74.71	187.0	75.60	187.0	76.49	187.0	77.38	184.8	75.98
	-9.5	-10	189.4	73.45	189.4	74.34	188.4	75.23	188.4	76.12	188.4	77.01	185.9	75.56
	-8.5	-9.1	194.1	72.26	194.1	73.15	193.0	74.04	193.0	74.93	193.0	75.82	190.5	74.40
	-7.0	-7.6	201.1	70.47	201.1	68.50	199.8	66.88	199.8	64.78	198.3	63.42	189.9	62.21
	-5.0	-5.6	210.3	68.09	210.3	66.29	208.9	64.81	207.9	62.93	202.4	61.65	189.9	60.39
	-3.0	-3.7	219.6	65.70	219.6	64.06	215.3	62.73	210.5	61.06	203.3	59.91	189.9	58.59
	0.0	-0.7	231.5	62.13	228.1	60.74	217.5	59.64	210.5	58.26	203.3	57.26	189.9	55.86
	3.0	2.2	239.7	58.55	231.9	57.42	217.5	56.53	210.5	55.48	203.3	54.61	189.9	53.13
	5.0	4.1	245.3	56.17	231.9	55.19	217.5	54.45	210.5	53.61	203.3	52.84	189.9	51.33
	7.0	6.0	245.3	53.78	231.9	52.98	217.5	52.38	210.5	51.74	203.3	51.08	189.9	49.51
	9.0	7.9	245.3	52.18	231.9	51.39	217.5	50.81	210.5	50.19	203.3	49.55	189.9	48.02
	11.0	9.8	245.3	51.02	231.9	50.25	217.5	49.69	210.5	49.08	203.3	48.46	189.9	46.97
	13.0	11.8	245.3	49.77	231.9	49.03	217.5	48.49	210.5	47.88	203.3	47.27	189.9	45.82
15.0	13.7	245.3	48.45	231.9	47.72	217.5	47.19	210.5	46.61	203.3	46.02	189.9	44.60	

7. Capacity Tables

Heating Capacity (64HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	117.6	74.22	117.6	74.16	116.8	69.89	116.8	74.04	116.8	73.99	115.0	73.94
	-21.8	-22	144.6	74.14	144.6	74.07	143.8	72.09	143.8	73.96	143.8	74.92	141.6	73.88
	-19.8	-20	153.5	74.07	153.5	74.03	152.7	73.49	152.7	73.89	152.7	74.19	150.5	73.81
	-18.8	-19	157.1	74.05	156.2	74.01	156.2	73.96	156.2	73.87	156.2	73.81	153.8	72.69
	-16.7	-17	163.6	73.99	163.6	73.95	163.6	74.92	162.8	73.81	162.8	71.51	160.4	70.34
	-13.7	-15	175.3	73.93	175.3	73.87	174.2	73.81	174.2	70.48	174.2	68.20	171.8	66.94
	-11.8	-13	181.1	73.88	180.1	73.81	180.1	71.60	180.1	68.36	180.1	66.09	173.3	64.80
	-9.8	-11	187.0	73.81	187.0	71.34	186.2	69.26	186.2	66.13	184.2	63.89	173.5	62.55
	-9.5	-10	188.4	73.43	188.4	70.95	187.6	68.90	187.6	65.81	184.8	63.56	173.5	62.21
	-8.5	-9.1	193.0	72.13	193.0	69.71	192.2	67.72	192.6	64.69	186.2	62.46	173.5	61.09
	-7.0	-7.6	203.3	70.20	202.5	67.86	199.0	65.98	192.6	63.02	186.2	60.81	173.5	59.39
	-5.0	-5.6	212.2	67.61	210.0	65.36	199.0	63.61	192.6	60.78	186.2	58.60	173.5	57.15
	-3.0	-3.7	218.3	65.01	211.8	62.87	199.0	61.27	192.6	58.56	186.2	56.40	173.5	54.90
	0.0	-0.7	224.5	61.14	211.8	59.15	199.0	57.76	192.6	55.20	186.2	53.09	173.5	51.52
	3.0	2.2	224.5	57.25	211.8	55.41	199.0	54.24	192.6	51.87	186.2	49.77	173.5	48.13
	5.0	4.1	224.5	54.66	211.8	52.93	199.0	51.90	192.6	49.65	186.2	47.58	173.5	45.88
	7.0	6.0	224.5	52.08	211.8	50.44	199.0	49.56	192.6	47.41	186.2	45.36	173.5	43.64
9.0	7.9	224.5	50.23	211.8	48.64	199.0	47.81	192.6	45.74	186.2	43.76	173.5	42.08	
11.0	9.8	224.5	48.81	211.8	47.29	199.0	46.47	192.6	44.45	186.2	42.52	173.5	40.90	
13.0	11.8	224.5	47.30	211.8	45.81	199.0	45.02	192.6	43.08	186.2	41.22	173.5	39.63	
15.0	13.7	224.5	45.71	211.8	44.27	199.0	43.51	192.6	41.60	186.2	39.82	173.5	38.29	
90	-24.8	-25	117.1	65.94	117.1	67.32	116.3	68.28	116.3	68.74	116.3	69.65	114.7	71.03
	-21.8	-22	144.1	67.32	144.1	68.69	143.3	69.65	143.3	70.11	143.3	71.03	141.1	68.06
	-19.8	-20	153.0	68.22	153.0	69.61	151.9	70.57	151.9	71.03	151.9	69.02	149.7	66.09
	-18.8	-19	157.1	68.69	156.2	70.07	155.5	71.03	155.5	70.00	155.5	68.01	153.3	65.11
	-16.7	-17	163.6	69.65	163.6	71.03	163.0	68.90	163.0	67.83	163.0	65.90	157.6	63.04
	-13.7	-15	175.3	71.03	175.3	67.87	173.7	65.86	173.7	64.72	169.7	62.88	158.6	60.09
	-11.8	-13	181.1	68.88	180.1	65.87	179.3	63.93	175.3	62.76	170.8	60.97	158.6	58.20
	-9.8	-11	187.0	66.60	187.0	63.78	181.0	61.90	176.5	60.70	170.8	58.95	158.6	56.23
	-9.5	-10	188.4	66.26	188.4	63.45	181.6	61.61	176.5	60.39	170.8	58.67	158.6	55.93
	-8.5	-9.1	193.0	65.13	191.7	62.40	182.1	60.58	176.5	59.35	170.8	57.66	158.6	54.94
	-7.0	-7.6	203.3	63.44	193.4	60.83	182.1	59.07	176.5	57.81	170.8	56.14	158.6	53.47
	-5.0	-5.6	205.5	61.18	193.4	58.73	182.1	57.03	176.5	55.74	170.8	54.13	158.6	51.50
	-3.0	-3.7	205.5	58.90	193.4	56.62	182.1	55.02	176.5	53.68	170.8	52.11	158.6	49.53
	0.0	-0.7	205.5	55.52	193.4	53.48	182.1	51.99	176.5	50.59	170.8	49.09	158.6	46.56
	3.0	2.2	205.5	52.11	193.4	50.32	182.1	48.93	176.5	47.47	170.8	46.09	158.6	43.61
	5.0	4.1	205.5	49.85	193.4	48.22	182.1	46.92	176.5	45.41	170.8	44.08	158.6	41.64
	7.0	6.0	205.5	47.59	193.4	46.13	182.1	44.88	176.5	43.35	170.8	42.07	158.6	39.66
9.0	7.9	205.5	45.43	193.4	44.05	182.1	42.85	176.5	41.39	170.8	40.17	158.6	37.88	
11.0	9.8	205.5	43.30	193.4	41.96	182.1	40.82	176.5	39.43	170.8	38.26	158.6	36.08	
13.0	11.8	205.5	41.14	193.4	39.88	182.1	38.81	176.5	37.48	170.8	36.36	158.6	34.30	
15.0	13.7	205.5	39.00	193.4	37.79	182.1	36.78	176.5	35.52	170.8	34.48	158.6	32.50	
80	-24.8	-25	116.6	57.90	116.6	59.27	115.8	60.23	115.8	60.69	115.8	62.97	114.2	60.39
	-21.8	-22	142.5	59.27	142.5	60.65	142.5	61.61	142.5	62.97	142.5	60.39	139.9	57.87
	-19.8	-20	151.4	60.19	151.4	61.55	151.4	62.97	151.4	61.14	150.0	58.65	141.7	56.19
	-18.8	-19	154.9	60.65	154.9	62.97	154.9	62.05	154.9	60.23	150.9	57.78	141.7	55.36
	-16.7	-17	160.8	62.97	160.8	61.07	160.8	60.11	157.2	58.30	152.4	55.96	141.7	53.60
	-13.7	-15	170.3	60.14	166.9	58.31	162.9	57.33	158.0	55.56	152.4	53.35	141.7	51.09
	-11.8	-13	174.4	58.34	169.3	56.56	162.9	55.57	158.0	53.83	152.4	51.70	141.7	49.51
	-9.8	-11	178.6	56.44	171.5	54.73	162.9	53.74	158.0	51.99	152.4	49.97	141.7	47.85
	-9.5	-10	179.9	56.16	172.6	54.45	162.9	53.46	158.0	51.71	152.4	49.71	141.7	47.59
	-8.5	-9.1	181.9	55.21	173.5	53.55	162.9	52.53	158.0	50.80	152.4	48.85	141.7	46.76
	-7.0	-7.6	184.0	53.79	173.5	52.18	162.9	51.14	158.0	49.43	152.4	47.54	141.7	45.49
	-5.0	-5.6	184.0	51.89	173.5	50.33	162.9	49.28	158.0	47.60	152.4	45.80	141.7	43.83
	-3.0	-3.7	184.0	49.99	173.5	48.50	162.9	47.45	158.0	45.77	152.4	44.07	141.7	42.15
	0.0	-0.7	184.0	47.16	173.5	45.77	162.9	44.67	158.0	43.01	152.4	41.48	141.7	39.66
	3.0	2.2	184.0	44.31	173.5	43.02	162.9	41.88	158.0	40.27	152.4	38.87	141.7	37.15
	5.0	4.1	184.0	42.43	173.5	41.19	162.9	40.05	158.0	38.43	152.4	37.14	141.7	35.47
	7.0	6.0	184.0	40.53	173.5	39.36	162.9	38.19	158.0	36.60	152.4	35.40	141.7	33.81
9.0	7.9	184.0	38.06	173.5	36.95	162.9	35.86	158.0	34.37	152.4	33.25	141.7	31.74	
11.0	9.8	184.0	35.32	173.5	34.29	162.9	33.28	158.0	31.90	152.4	30.86	141.7	29.45	
13.0	11.8	184.0	32.96	173.5	32.01	162.9	31.07	158.0	29.77	152.4	28.79	141.7	27.49	
15.0	13.7	184.0	31.05	173.5	30.14	162.9	29.24	158.0	28.02	152.4	27.12	141.7	25.89	

7. Capacity Tables

Heating Capacity (64HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	116.6	58.56	116.6	59.02	115.8	59.95	115.8	61.31	115.8	58.48	114.2	55.82
	-21.8	-22	138.3	59.95	138.6	60.39	137.7	61.31	133.9	58.48	129.9	55.82	121.3	53.24
	-19.8	-20	150.8	60.85	146.2	61.31	138.7	59.33	133.9	56.59	129.9	54.04	121.3	51.53
	-18.8	-19	153.7	61.31	147.1	60.28	138.7	58.33	133.9	55.64	129.9	53.16	121.3	50.67
	-16.7	-17	155.8	59.20	147.3	58.15	138.7	56.24	133.9	53.66	129.9	51.30	121.3	48.86
	-13.7	-15	156.1	56.18	147.3	55.07	138.7	53.28	133.9	50.82	129.9	48.65	121.3	46.28
	-11.8	-13	156.1	54.25	147.3	53.11	138.7	51.40	133.9	49.02	129.9	46.97	121.3	44.65
	-9.8	-11	156.1	52.23	147.3	51.08	138.7	49.40	133.9	47.14	129.9	45.19	121.3	42.94
	-9.5	-10	156.1	51.92	147.3	50.77	138.7	49.11	133.9	46.85	129.9	44.93	121.3	42.69
	-8.5	-9.1	156.1	50.92	147.3	49.75	138.7	48.11	133.9	45.90	129.9	44.05	121.3	41.81
	-7.0	-7.6	156.1	49.41	147.3	48.20	138.7	46.62	133.9	44.48	129.9	42.71	121.3	40.52
	-5.0	-5.6	156.1	47.40	147.3	46.15	138.7	44.64	133.9	42.60	129.9	40.94	121.3	38.81
	-3.0	-3.7	156.1	45.38	147.3	44.12	138.7	42.66	133.9	40.72	129.9	39.18	121.3	37.10
	0.0	-0.7	156.1	42.35	147.3	41.04	138.7	39.69	133.9	37.88	129.9	36.52	121.3	34.52
	3.0	2.2	156.1	39.33	147.3	37.97	138.7	36.71	133.9	35.05	129.9	33.86	121.3	31.94
	5.0	4.1	156.1	37.30	147.3	35.92	138.7	34.73	133.9	33.14	129.9	32.09	121.3	30.23
	7.0	6.0	156.1	35.30	147.3	33.87	138.7	32.75	133.9	31.26	129.9	30.31	121.3	28.50
	9.0	7.9	156.1	31.87	147.3	30.60	138.7	29.56	133.9	28.23	129.9	27.38	121.3	25.74
11.0	9.8	156.1	29.67	147.3	28.47	138.7	27.54	133.9	26.29	129.9	25.50	121.3	23.96	
13.0	11.8	156.1	27.76	147.3	26.64	138.7	25.76	133.9	24.59	129.9	23.85	121.3	22.42	
15.0	13.7	156.1	26.18	147.3	25.12	138.7	24.28	133.9	23.19	129.9	22.49	121.3	21.14	
60	-24.8	-25	116.6	57.66	116.6	58.56	115.8	59.95	113.6	56.93	110.6	54.08	103.9	51.41
	-21.8	-22	126.9	59.02	126.7	59.95	118.9	56.93	114.9	54.08	110.9	51.41	103.9	48.84
	-19.8	-20	133.9	59.95	126.7	57.80	118.9	54.91	114.9	52.21	110.9	49.64	103.9	47.09
	-18.8	-19	133.9	58.88	126.7	56.75	118.9	53.91	114.9	51.26	110.9	48.74	103.9	46.24
	-16.7	-17	133.9	56.63	126.7	54.53	118.9	51.80	114.9	49.26	110.9	46.87	103.9	44.42
	-13.7	-15	133.9	53.42	126.7	51.33	118.9	48.78	114.9	46.44	110.9	44.20	103.9	41.84
	-11.8	-13	133.9	51.38	126.7	49.31	118.9	46.86	114.9	44.64	110.9	42.50	103.9	40.19
	-9.8	-11	133.9	49.26	126.7	47.19	118.9	44.86	114.9	42.75	110.9	40.73	103.9	38.47
	-9.5	-10	133.9	48.93	126.7	46.86	118.9	44.56	114.9	42.47	110.9	40.47	103.9	38.21
	-8.5	-9.1	133.9	47.86	126.7	45.81	118.9	43.54	114.9	41.52	110.9	39.58	103.9	37.34
	-7.0	-7.6	133.9	46.26	126.7	44.20	118.9	42.05	114.9	40.11	110.9	38.24	103.9	36.05
	-5.0	-5.6	133.9	44.14	126.7	42.08	118.9	40.03	114.9	38.21	110.9	36.47	103.9	34.33
	-3.0	-3.7	133.9	42.00	126.7	39.96	118.9	38.01	114.9	36.31	110.9	34.67	103.9	32.60
	0.0	-0.7	133.9	38.78	126.7	36.76	118.9	35.01	114.9	33.49	110.9	32.00	103.9	30.01
	3.0	2.2	133.9	35.57	126.7	33.57	118.9	31.99	114.9	30.65	110.9	29.33	103.9	27.43
	5.0	4.1	133.9	33.45	126.7	31.45	118.9	29.97	114.9	28.75	110.9	27.56	103.9	25.70
	7.0	6.0	133.9	31.31	126.7	29.32	118.9	27.97	114.9	26.88	110.9	25.79	103.9	23.96
	9.0	7.9	133.9	27.94	126.7	26.16	118.9	24.94	114.9	23.98	110.9	23.00	103.9	21.38
11.0	9.8	133.9	26.08	126.7	24.43	118.9	23.29	114.9	22.39	110.9	21.48	103.9	19.97	
13.0	11.8	133.9	24.43	126.7	22.89	118.9	21.83	114.9	20.98	110.9	20.11	103.9	18.70	
15.0	13.7	133.9	23.08	126.7	21.62	118.9	20.61	114.9	19.81	110.9	19.02	103.9	17.69	
50	-24.8	-25	111.7	50.90	105.3	52.29	99.1	49.58	95.9	47.06	92.7	44.66	86.3	42.42
	-21.8	-22	111.7	52.29	105.3	49.58	99.1	47.06	95.9	44.66	92.7	42.42	86.3	40.26
	-19.8	-20	111.7	50.40	105.3	47.79	99.1	45.37	95.9	43.05	92.7	40.94	86.3	38.83
	-18.8	-19	111.7	49.46	105.3	46.88	99.1	44.51	95.9	42.25	92.7	40.18	86.3	38.10
	-16.7	-17	111.7	47.49	105.3	44.98	99.1	42.75	95.9	40.58	92.7	38.62	86.3	36.61
	-13.7	-15	111.7	44.68	105.3	42.28	99.1	40.22	95.9	38.18	92.7	36.38	86.3	34.44
	-11.8	-13	111.7	42.89	105.3	40.57	99.1	38.63	95.9	36.67	92.7	34.97	86.3	33.08
	-9.8	-11	111.7	41.02	105.3	38.77	99.1	36.94	95.9	35.06	92.7	33.49	86.3	31.63
	-9.5	-10	111.7	40.74	105.3	38.51	99.1	36.68	95.9	34.82	92.7	33.25	86.3	31.42
	-8.5	-9.1	111.7	39.80	105.3	37.60	99.1	35.85	95.9	34.02	92.7	32.52	86.3	30.71
	-7.0	-7.6	111.7	38.40	105.3	36.25	99.1	34.57	95.9	32.82	92.7	31.40	86.3	29.62
	-5.0	-5.6	111.7	36.53	105.3	34.45	99.1	32.88	95.9	31.23	92.7	29.90	86.3	28.18
	-3.0	-3.7	111.7	34.63	105.3	32.66	99.1	31.21	95.9	29.64	92.7	28.41	86.3	26.75
	0.0	-0.7	111.7	31.83	105.3	29.95	99.1	28.67	95.9	27.22	92.7	26.19	86.3	24.58
	3.0	2.2	111.7	29.00	105.3	27.25	99.1	26.14	95.9	24.83	92.7	23.95	86.3	22.44
	5.0	4.1	111.7	27.13	105.3	25.46	99.1	24.45	95.9	23.23	92.7	22.46	86.3	21.01
	7.0	6.0	111.7	25.26	105.3	23.64	99.1	22.79	95.9	21.64	92.7	20.96	86.3	19.55
	9.0	7.9	111.7	22.81	105.3	21.35	99.1	20.56	95.9	19.55	92.7	18.94	86.3	17.66
11.0	9.8	111.7	21.33	105.3	19.97	99.1	19.25	95.9	18.28	92.7	17.72	86.3	16.52	
13.0	11.8	111.7	20.03	105.3	18.75	99.1	18.06	95.9	17.16	92.7	16.63	86.3	15.51	
15.0	13.7	111.7	18.96	105.3	17.74	99.1	17.10	95.9	16.25	92.7	15.75	86.3	14.69	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM660BTE5

Heating Capacity (66HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	128.1	68.42	128.1	68.94	127.2	69.40	127.2	70.11	127.2	70.77	124.9	71.82
	-21.8	-22	156.2	69.47	156.2	70.00	155.1	70.46	155.1	71.15	155.1	71.82	152.1	72.88
	-19.8	-20	164.9	70.18	164.9	70.69	163.8	71.15	163.8	71.86	163.8	72.53	160.7	73.57
	-18.8	-19	168.6	70.52	168.6	71.05	167.5	71.51	167.5	72.22	167.5	72.88	164.2	73.93
	-16.7	-17	176.1	71.26	176.1	71.79	174.9	72.25	174.9	72.96	174.9	73.62	171.6	74.67
	-13.7	-15	186.8	72.32	186.8	72.83	185.6	73.29	185.6	74.00	185.6	74.67	182.1	71.87
	-11.8	-13	192.8	72.98	192.8	73.52	191.7	73.98	191.7	74.67	191.7	75.35	188.7	70.08
	-9.8	-11	199.2	73.70	199.2	74.21	198.1	74.67	198.1	75.35	198.1	76.02	195.7	68.20
	-9.5	-10	200.3	73.80	200.3	74.31	199.2	74.36	199.2	75.03	199.2	75.70	196.8	67.93
	-8.5	-9.1	204.2	74.15	204.2	74.67	203.1	73.34	203.1	74.01	203.1	74.68	200.2	66.99
	-7.0	-7.6	210.0	74.67	210.0	73.17	208.7	71.80	208.7	69.84	208.7	68.01	205.4	65.58
	-5.0	-5.6	217.8	72.73	217.8	71.17	216.4	69.76	216.4	67.84	216.4	66.04	212.3	63.72
	-3.0	-3.7	225.5	70.81	225.5	69.16	224.1	67.69	224.1	65.83	224.1	64.04	219.3	61.85
	0.0	-0.7	237.1	67.90	237.1	66.17	235.5	64.61	235.5	62.80	235.5	61.05	229.9	59.03
	3.0	2.2	248.8	64.99	248.8	63.15	247.1	61.55	247.1	59.79	247.1	58.08	231.8	56.24
	5.0	4.1	256.3	63.05	256.3	61.15	254.9	59.48	254.9	57.78	249.0	56.09	231.8	54.36
	7.0	6.0	264.1	61.12	264.1	59.16	262.4	57.43	258.0	55.77	249.0	54.11	231.8	52.48
	9.0	7.9	265.3	59.53	265.3	57.61	264.5	55.94	258.0	54.31	249.0	52.70	231.8	51.11
	11.0	9.8	265.3	58.47	265.3	56.58	264.5	54.93	258.0	53.34	249.0	51.74	231.8	50.19
	13.0	11.8	265.3	57.30	265.3	55.45	264.5	53.85	258.0	52.28	249.0	50.72	231.8	49.20
15.0	13.7	265.3	56.06	265.3	54.25	264.5	52.68	258.0	51.14	249.0	49.61	231.8	48.13	
120	-24.8	-25	127.2	68.94	127.2	69.40	126.4	70.11	126.4	70.77	126.4	71.44	124.1	72.55
	-21.8	-22	155.1	70.00	155.1	70.46	154.0	71.15	154.0	71.82	154.0	72.49	151.2	73.62
	-19.8	-20	163.7	70.69	163.7	71.15	162.6	71.86	162.6	72.53	162.6	73.20	159.6	74.31
	-18.8	-19	167.2	71.05	167.2	71.51	166.1	72.22	166.1	72.88	166.1	73.55	163.1	74.67
	-16.7	-17	174.7	71.79	174.7	72.25	173.6	72.96	173.6	73.62	173.6	74.29	170.3	72.87
	-13.7	-15	185.4	72.83	185.4	73.29	184.3	74.00	184.3	74.67	184.3	75.34	180.7	70.28
	-11.8	-13	191.5	73.52	191.5	73.98	190.3	74.67	190.3	75.34	190.3	76.01	187.4	68.64
	-9.8	-11	197.8	74.21	197.8	74.67	196.7	75.34	196.7	76.01	196.7	76.68	194.3	66.93
	-9.5	-10	198.9	74.31	198.9	74.33	197.8	72.27	197.8	70.45	197.8	68.21	195.4	66.66
	-8.5	-9.1	202.8	74.67	202.8	73.24	201.5	71.22	201.5	69.46	201.5	67.33	198.7	65.80
	-7.0	-7.6	208.6	73.03	208.6	71.57	207.2	69.64	207.2	67.96	208.6	65.97	204.0	64.52
	-5.0	-5.6	216.3	70.82	216.3	69.36	215.0	67.55	215.0	65.96	215.0	64.17	210.9	62.79
	-3.0	-3.7	223.9	68.63	223.9	67.16	222.5	65.46	222.5	63.94	222.5	62.40	216.9	61.07
	0.0	-0.7	235.5	65.33	235.5	63.84	233.9	62.32	233.9	60.94	233.9	59.69	217.7	58.48
	3.0	2.2	246.9	62.04	246.9	60.52	245.4	59.18	241.8	57.95	234.3	57.00	217.7	55.91
	5.0	4.1	254.6	59.85	254.6	58.29	250.1	57.07	241.8	55.93	234.3	55.21	217.7	54.19
	7.0	6.0	262.3	57.64	260.5	56.09	250.1	54.98	241.8	53.93	234.3	53.43	217.7	52.46
	9.0	7.9	263.3	56.00	260.5	54.50	250.1	53.42	241.8	52.40	234.3	51.90	217.7	50.98
	11.0	9.8	263.3	54.85	260.5	53.38	250.1	52.31	241.8	51.31	234.3	50.84	217.7	49.92
	13.0	11.8	263.3	53.61	260.5	52.15	250.1	51.13	241.8	50.16	234.3	49.67	217.7	48.80
15.0	13.7	263.3	52.27	260.5	50.86	250.1	49.87	241.8	48.91	234.3	48.44	217.7	47.58	
110	-24.8	-25	126.6	69.40	126.6	70.11	125.8	70.77	125.8	71.44	125.8	72.11	123.3	72.91
	-21.8	-22	154.3	70.46	154.3	71.15	153.2	71.82	153.2	72.49	153.2	73.13	150.4	73.98
	-19.8	-20	162.9	71.15	162.9	71.86	161.8	72.53	161.8	73.20	161.8	73.87	158.7	74.67
	-18.8	-19	166.4	71.51	166.4	72.22	165.3	72.88	165.3	73.55	165.3	74.22	162.2	73.71
	-16.7	-17	173.8	72.25	173.8	72.96	172.7	73.62	172.7	74.29	172.7	74.96	169.4	71.70
	-13.7	-15	184.3	73.29	184.3	74.00	183.2	74.67	183.2	75.34	183.2	76.01	183.2	68.84
	-11.8	-13	190.4	73.98	190.4	74.67	189.2	75.34	189.2	76.01	189.2	76.68	186.1	67.01
	-9.8	-11	196.7	74.67	196.7	75.34	195.6	76.01	195.6	76.68	195.6	77.35	194.3	65.11
	-9.5	-10	197.8	74.28	197.8	71.96	196.7	70.06	196.7	67.56	196.7	65.00	195.9	64.82
	-8.5	-9.1	201.7	73.01	201.7	70.77	200.6	68.95	200.6	66.57	200.6	64.06	195.9	63.86
	-7.0	-7.6	207.5	71.10	207.5	69.00	206.1	67.30	206.1	65.08	206.1	63.66	195.9	62.43
	-5.0	-5.6	215.0	68.55	215.0	66.65	213.6	65.09	213.6	63.12	209.7	61.79	195.9	60.51
	-3.0	-3.7	222.7	66.01	222.7	64.28	221.4	62.89	217.2	61.14	209.7	59.94	195.9	58.61
	0.0	-0.7	234.1	62.19	234.1	60.74	224.4	59.60	217.2	58.16	209.7	57.14	195.9	55.73
	3.0	2.2	245.5	58.37	239.3	57.21	224.4	56.29	217.2	55.21	209.7	54.33	195.9	52.85
	5.0	4.1	253.1	55.82	239.3	54.83	224.4	54.09	217.2	53.23	209.7	52.46	195.9	50.96
	7.0	6.0	253.1	53.27	239.3	52.48	224.4	51.88	217.2	51.25	209.7	50.59	195.9	49.04
	9.0	7.9	253.1	51.53	239.3	50.75	224.4	50.17	217.2	49.57	209.7	48.94	195.9	47.42
	11.0	9.8	253.1	50.22	239.3	49.46	224.4	48.91	217.2	48.31	209.7	47.70	195.9	46.23
	13.0	11.8	253.1	48.81	239.3	48.08	224.4	47.56	217.2	46.96	209.7	46.36	195.9	44.94
15.0	13.7	253.1	47.33	239.3	46.62	224.4	46.10	217.2	45.53	209.7	44.95	195.9	43.57	

7. Capacity Tables

Heating Capacity (66HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	126.0	75.80	126.0	75.64	125.2	71.06	125.2	75.29	125.2	75.13	122.7	75.04
	-21.8	-22	153.5	75.57	153.5	75.41	152.6	73.29	152.6	75.06	152.6	75.79	149.6	74.83
	-19.8	-20	162.1	75.41	162.1	75.27	161.2	74.70	161.2	74.90	161.2	75.05	158.2	74.67
	-18.8	-19	165.6	75.34	164.7	75.20	164.7	75.06	164.7	74.82	164.7	74.67	161.4	73.50
	-16.7	-17	171.9	75.18	171.9	75.04	171.9	75.79	171.1	74.67	171.1	72.26	167.8	71.04
	-13.7	-15	183.5	74.97	183.5	74.81	182.4	74.67	182.4	71.16	182.4	68.80	179.0	67.51
	-11.8	-13	189.5	74.83	188.4	74.67	188.4	72.33	188.4	68.95	188.4	66.59	179.0	65.28
	-9.8	-11	195.6	74.67	195.6	72.05	194.8	69.86	194.8	66.60	192.1	64.30	179.0	62.93
	-9.5	-10	196.7	74.25	196.7	71.64	195.9	69.48	195.9	66.26	192.1	63.95	179.0	62.58
	-8.5	-9.1	200.6	72.88	200.6	70.33	199.7	68.24	198.7	65.09	192.1	62.80	179.0	61.41
	-7.0	-7.6	209.7	70.83	208.9	68.37	205.3	66.40	198.7	63.34	192.1	61.08	179.0	59.64
	-5.0	-5.6	218.9	68.08	216.7	65.73	205.3	63.91	198.7	60.99	192.1	58.76	179.0	57.30
	-3.0	-3.7	225.2	65.32	218.5	63.10	205.3	61.44	198.7	58.66	192.1	56.47	179.0	54.96
	0.0	-0.7	231.6	61.21	218.5	59.16	205.3	57.74	198.7	55.14	192.1	53.01	179.0	51.44
	3.0	2.2	231.6	57.08	218.5	55.21	205.3	54.03	198.7	51.64	192.1	49.54	179.0	47.91
	5.0	4.1	231.6	54.32	218.5	52.59	205.3	51.56	198.7	49.31	192.1	47.25	179.0	45.56
	7.0	6.0	231.6	51.59	218.5	49.96	205.3	49.09	198.7	46.96	192.1	44.93	179.0	43.22
	9.0	7.9	231.6	49.51	218.5	47.95	205.3	47.13	198.7	45.09	192.1	43.13	179.0	41.48
	11.0	9.8	231.6	47.85	218.5	46.36	205.3	45.56	198.7	43.58	192.1	41.68	179.0	40.10
	13.0	11.8	231.6	46.09	218.5	44.65	205.3	43.87	198.7	41.98	192.1	40.17	179.0	38.62
15.0	13.7	231.6	44.25	218.5	42.86	205.3	42.12	198.7	40.27	192.1	38.55	179.0	37.06	
90	-24.8	-25	125.5	67.95	125.5	69.01	124.7	69.75	124.7	70.11	124.7	70.80	122.4	71.86
	-21.8	-22	152.9	69.01	152.9	70.06	152.0	70.80	152.0	71.15	152.0	71.86	149.0	68.78
	-19.8	-20	161.5	69.70	161.5	70.77	160.4	71.51	160.4	71.86	160.4	69.76	157.4	66.73
	-18.8	-19	165.6	70.06	164.7	71.12	163.9	71.86	163.9	70.78	163.9	68.71	160.8	65.71
	-16.7	-17	171.9	70.80	171.9	71.86	171.3	69.63	171.3	68.52	171.3	66.51	163.6	63.56
	-13.7	-15	183.5	71.86	183.5	68.54	181.8	66.44	181.8	65.27	176.3	63.36	163.6	60.50
	-11.8	-13	189.5	69.59	188.4	66.44	187.6	64.42	182.1	63.22	176.3	61.37	163.6	58.54
	-9.8	-11	195.6	67.19	195.6	64.25	187.9	62.29	182.1	61.06	176.3	59.27	163.6	56.50
	-9.5	-10	196.7	66.84	196.7	63.90	187.9	61.99	182.1	60.74	176.3	58.97	163.6	56.18
	-8.5	-9.1	200.6	65.64	199.2	62.79	187.9	60.91	182.1	59.66	176.3	57.92	163.6	55.16
	-7.0	-7.6	209.7	63.86	199.5	61.14	187.9	59.32	182.1	58.05	176.3	56.34	163.6	53.62
	-5.0	-5.6	212.0	61.48	199.5	58.93	187.9	57.19	182.1	55.89	176.3	54.24	163.6	51.58
	-3.0	-3.7	212.0	59.07	199.5	56.72	187.9	55.08	182.1	53.73	176.3	52.14	163.6	49.54
	0.0	-0.7	212.0	55.50	199.5	53.42	187.9	51.90	182.1	50.50	176.3	48.99	163.6	46.45
	3.0	2.2	212.0	51.91	199.5	50.10	187.9	48.70	182.1	47.25	176.3	45.87	163.6	43.39
	5.0	4.1	212.0	49.52	199.5	47.89	187.9	46.59	182.1	45.09	176.3	43.77	163.6	41.34
	7.0	6.0	212.0	47.14	199.5	45.69	187.9	44.46	182.1	42.94	176.3	41.67	163.6	39.28
	9.0	7.9	212.0	44.88	199.5	43.51	187.9	42.33	182.1	40.89	176.3	39.68	163.6	37.41
	11.0	9.8	212.0	42.64	199.5	41.33	187.9	40.20	182.1	38.84	176.3	37.68	163.6	35.53
	13.0	11.8	212.0	40.38	199.5	39.14	187.9	38.09	182.1	36.78	176.3	35.69	163.6	33.66
15.0	13.7	212.0	38.13	199.5	36.96	187.9	35.96	182.1	34.73	176.3	33.71	163.6	31.78	
80	-24.8	-25	124.9	59.82	124.9	60.86	124.1	61.60	124.1	61.96	124.1	63.71	121.8	61.02
	-21.8	-22	151.3	60.86	151.3	61.93	151.3	62.67	151.3	63.71	151.3	61.02	146.2	58.42
	-19.8	-20	159.8	61.57	159.8	62.62	159.8	63.71	159.8	61.80	157.2	59.22	146.2	56.68
	-18.8	-19	163.3	61.93	163.3	63.71	163.3	62.74	162.8	60.86	157.2	58.31	146.2	55.82
	-16.7	-17	168.0	63.71	168.0	61.71	168.0	60.72	163.0	58.85	157.2	56.43	146.2	53.99
	-13.7	-15	175.7	60.74	172.2	58.83	168.0	57.82	163.0	55.99	157.2	53.72	146.2	51.39
	-11.8	-13	180.3	58.85	175.0	57.00	168.0	55.98	163.0	54.19	157.2	52.00	146.2	49.75
	-9.8	-11	185.0	56.85	177.3	55.08	168.0	54.07	163.0	52.28	157.2	50.20	146.2	48.03
	-9.5	-10	186.3	56.56	178.4	54.79	168.0	53.77	163.0	51.99	157.2	49.93	146.2	47.77
	-8.5	-9.1	188.1	55.56	179.0	53.84	168.0	52.80	163.0	51.04	157.2	49.04	146.2	46.91
	-7.0	-7.6	189.8	54.07	179.0	52.41	168.0	51.35	163.0	49.62	157.2	47.67	146.2	45.60
	-5.0	-5.6	189.8	52.08	179.0	50.48	168.0	49.41	163.0	47.71	157.2	45.87	146.2	43.87
	-3.0	-3.7	189.8	50.08	179.0	48.56	168.0	47.50	163.0	45.80	157.2	44.07	146.2	42.13
	0.0	-0.7	189.8	47.11	179.0	45.70	168.0	44.59	163.0	42.92	157.2	41.38	146.2	39.55
	3.0	2.2	189.8	44.12	179.0	42.82	168.0	41.68	163.0	40.07	157.2	38.67	146.2	36.95
	5.0	4.1	189.8	42.14	179.0	40.90	168.0	39.77	163.0	38.16	157.2	36.87	146.2	35.21
	7.0	6.0	189.8	40.15	179.0	38.99	168.0	37.83	163.0	36.25	157.2	35.07	146.2	33.49
	9.0	7.9	189.8	37.70	179.0	36.60	168.0	35.52	163.0	34.04	157.2	32.93	146.2	31.44
	11.0	9.8	189.8	34.99	179.0	33.96	168.0	32.96	163.0	31.60	157.2	30.57	146.2	29.18
	13.0	11.8	189.8	32.65	179.0	31.70	168.0	30.78	163.0	29.49	157.2	28.52	146.2	27.23
15.0	13.7	189.8	30.75	179.0	29.86	168.0	28.97	163.0	27.76	157.2	26.86	146.2	25.65	

7. Capacity Tables

Heating Capacity (66HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	124.9	60.11	124.9	60.47	124.1	61.18	124.1	62.22	124.1	59.28	120.9	56.52
	-21.8	-22	144.0	61.18	144.0	61.51	143.1	62.22	138.2	59.28	134.0	56.52	125.1	53.84
	-19.8	-20	156.6	61.87	152.0	62.22	143.1	60.16	138.2	57.32	134.0	54.67	125.1	52.07
	-18.8	-19	159.8	62.22	152.0	61.15	143.1	59.11	138.2	56.33	134.0	53.76	125.1	51.19
	-16.7	-17	161.1	60.02	152.0	58.92	143.1	56.94	138.2	54.26	134.0	51.83	125.1	49.32
	-13.7	-15	161.1	56.84	152.0	55.70	143.1	53.85	138.2	51.31	134.0	49.07	125.1	46.64
	-11.8	-13	161.1	54.83	152.0	53.66	143.1	51.89	138.2	49.44	134.0	47.32	125.1	44.95
	-9.8	-11	161.1	52.71	152.0	51.53	143.1	49.80	138.2	47.48	134.0	45.48	125.1	43.18
	-9.5	-10	161.1	52.39	152.0	51.21	143.1	49.50	138.2	47.18	134.0	45.21	125.1	42.92
	-8.5	-9.1	161.1	51.34	152.0	50.14	143.1	48.46	138.2	46.19	134.0	44.29	125.1	42.01
	-7.0	-7.6	161.1	49.75	152.0	48.53	143.1	46.90	138.2	44.72	134.0	42.90	125.1	40.68
	-5.0	-5.6	161.1	47.65	152.0	46.38	143.1	44.84	138.2	42.76	134.0	41.06	125.1	38.91
	-3.0	-3.7	161.1	45.53	152.0	44.26	143.1	42.77	138.2	40.80	134.0	39.23	125.1	37.14
	0.0	-0.7	161.1	42.36	152.0	41.04	143.1	39.68	138.2	37.85	134.0	36.47	125.1	34.46
	3.0	2.2	161.1	39.18	152.0	37.84	143.1	36.57	138.2	34.90	134.0	33.71	125.1	31.79
	5.0	4.1	161.1	37.06	152.0	35.69	143.1	34.50	138.2	32.92	134.0	31.87	125.1	30.02
	7.0	6.0	161.1	34.96	152.0	33.55	143.1	32.44	138.2	30.96	134.0	30.02	125.1	28.23
	9.0	7.9	161.1	31.57	152.0	30.31	143.1	29.28	138.2	27.96	134.0	27.12	125.1	25.49
	11.0	9.8	161.1	29.39	152.0	28.20	143.1	27.28	138.2	26.04	134.0	25.25	125.1	23.73
	13.0	11.8	161.1	27.49	152.0	26.39	143.1	25.52	138.2	24.36	134.0	23.62	125.1	22.20
15.0	13.7	161.1	25.94	152.0	24.89	143.1	24.05	138.2	22.97	134.0	22.28	125.1	20.94	
60	-24.8	-25	122.7	59.42	122.7	60.11	121.9	61.18	118.5	58.02	114.4	55.05	107.2	52.26
	-21.8	-22	131.9	60.47	130.7	61.18	122.7	58.02	118.5	55.05	114.4	52.26	107.2	49.58
	-19.8	-20	138.2	61.18	130.7	58.93	122.7	55.90	118.5	53.09	114.4	50.41	107.2	47.77
	-18.8	-19	138.2	60.05	130.7	57.83	122.7	54.85	118.5	52.10	114.4	49.48	107.2	46.89
	-16.7	-17	138.2	57.69	130.7	55.49	122.7	52.65	118.5	50.01	114.4	47.52	107.2	44.99
	-13.7	-15	138.2	54.31	130.7	52.14	122.7	49.49	118.5	47.06	114.4	44.74	107.2	42.31
	-11.8	-13	138.2	52.16	130.7	50.02	122.7	47.48	118.5	45.18	114.4	42.97	107.2	40.60
	-9.8	-11	138.2	49.92	130.7	47.79	122.7	45.39	118.5	43.20	114.4	41.13	107.2	38.81
	-9.5	-10	138.2	49.58	130.7	47.45	122.7	45.07	118.5	42.91	114.4	40.85	107.2	38.54
	-8.5	-9.1	138.2	48.45	130.7	46.34	122.7	44.00	118.5	41.92	114.4	39.92	107.2	37.64
	-7.0	-7.6	138.2	46.76	130.7	44.66	122.7	42.44	118.5	40.44	114.4	38.53	107.2	36.30
	-5.0	-5.6	138.2	44.52	130.7	42.43	122.7	40.33	118.5	38.46	114.4	36.68	107.2	34.51
	-3.0	-3.7	138.2	42.27	130.7	40.20	122.7	38.21	118.5	36.48	114.4	34.81	107.2	32.71
	0.0	-0.7	138.2	38.89	130.7	36.85	122.7	35.07	118.5	33.53	114.4	32.02	107.2	30.01
	3.0	2.2	138.2	35.51	130.7	33.50	122.7	31.91	118.5	30.56	114.4	29.24	107.2	27.34
	5.0	4.1	138.2	33.27	130.7	31.27	122.7	29.79	118.5	28.58	114.4	27.39	107.2	25.54
	7.0	6.0	138.2	31.02	130.7	29.04	122.7	27.70	118.5	26.62	114.4	25.54	107.2	23.73
	9.0	7.9	138.2	27.67	130.7	25.91	122.7	24.70	118.5	23.75	114.4	22.78	107.2	21.18
	11.0	9.8	138.2	25.83	130.7	24.20	122.7	23.07	118.5	22.18	114.4	21.28	107.2	19.78
	13.0	11.8	138.2	24.20	130.7	22.68	122.7	21.62	118.5	20.78	114.4	19.92	107.2	18.52
15.0	13.7	138.2	22.86	130.7	21.42	122.7	20.42	118.5	19.63	114.4	18.84	107.2	17.52	
50	-24.8	-25	115.2	51.83	108.6	52.90	102.2	50.12	98.9	47.52	95.6	45.06	89.0	42.77
	-21.8	-22	115.2	52.90	108.6	50.12	102.2	47.52	98.9	45.06	95.6	42.77	89.0	40.55
	-19.8	-20	115.2	50.95	108.6	48.27	102.2	45.79	98.9	43.41	95.6	41.24	89.0	39.09
	-18.8	-19	115.2	49.98	108.6	47.34	102.2	44.91	98.9	42.58	95.6	40.47	89.0	38.34
	-16.7	-17	115.2	47.95	108.6	45.38	102.2	43.09	98.9	40.87	95.6	38.87	89.0	36.81
	-13.7	-15	115.2	45.05	108.6	42.60	102.2	40.49	98.9	38.41	95.6	36.57	89.0	34.60
	-11.8	-13	115.2	43.21	108.6	40.84	102.2	38.86	98.9	36.86	95.6	35.13	89.0	33.21
	-9.8	-11	115.2	41.28	108.6	38.99	102.2	37.12	98.9	35.21	95.6	33.60	89.0	31.72
	-9.5	-10	115.2	40.98	108.6	38.72	102.2	36.85	98.9	34.96	95.6	33.37	89.0	31.51
	-8.5	-9.1	115.2	40.02	108.6	37.78	102.2	36.00	98.9	34.14	95.6	32.61	89.0	30.78
	-7.0	-7.6	115.2	38.57	108.6	36.39	102.2	34.69	98.9	32.91	95.6	31.47	89.0	29.67
	-5.0	-5.6	115.2	36.64	108.6	34.55	102.2	32.95	98.9	31.28	95.6	29.92	89.0	28.20
	-3.0	-3.7	115.2	34.69	108.6	32.70	102.2	31.23	98.9	29.64	95.6	28.40	89.0	26.73
	0.0	-0.7	115.2	31.79	108.6	29.91	102.2	28.62	98.9	27.16	95.6	26.12	89.0	24.52
	3.0	2.2	115.2	28.88	108.6	27.13	102.2	26.02	98.9	24.70	95.6	23.83	89.0	22.32
	5.0	4.1	115.2	26.95	108.6	25.28	102.2	24.29	98.9	23.07	95.6	22.30	89.0	20.85
	7.0	6.0	115.2	25.02	108.6	23.42	102.2	22.57	98.9	21.44	95.6	20.76	89.0	19.37
	9.0	7.9	115.2	22.60	108.6	21.15	102.2	20.36	98.9	19.36	95.6	18.76	89.0	17.50
	11.0	9.8	115.2	21.13	108.6	19.79	102.2	19.07	98.9	18.10	95.6	17.55	89.0	16.37
	13.0	11.8	115.2	19.84	108.6	18.58	102.2	17.89	98.9	17.00	95.6	16.47	89.0	15.37
15.0	13.7	115.2	18.78	108.6	17.58	102.2	16.94	98.9	16.10	95.6	15.60	89.0	14.55	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM680BTE5

Heating Capacity (68HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	130.3	70.71	130.3	71.17	129.4	71.59	129.4	72.23	129.4	72.83	127.1	73.77
	-21.8	-22	160.0	71.65	160.0	72.14	158.9	72.55	158.9	73.17	158.9	73.77	155.8	74.74
	-19.8	-20	169.5	72.30	169.5	72.76	168.3	73.17	168.3	73.82	168.3	74.42	165.2	75.36
	-18.8	-19	173.3	72.60	173.3	73.08	172.2	73.50	172.2	74.14	172.2	74.74	168.8	75.69
	-16.7	-17	181.2	73.27	181.2	73.75	180.1	74.16	180.1	74.81	180.1	75.41	176.7	76.35
	-13.7	-15	192.5	74.23	192.5	74.70	191.4	75.11	191.4	75.75	191.4	76.35	187.7	73.59
	-11.8	-13	198.8	74.83	198.8	75.32	197.6	75.73	197.6	76.35	197.6	76.95	194.7	71.82
	-9.8	-11	205.3	75.48	205.3	75.94	204.2	76.35	204.2	76.95	204.2	77.56	202.0	69.97
	-9.5	-10	206.5	75.57	206.5	76.03	205.3	76.05	205.3	76.65	205.1	77.26	203.1	69.70
	-8.5	-9.1	210.5	75.89	210.5	76.35	209.3	75.07	209.3	73.11	208.4	71.28	206.8	68.77
	-7.0	-7.6	216.5	76.35	216.5	74.91	215.1	73.57	215.1	71.63	215.1	69.80	212.2	67.38
	-5.0	-5.6	224.4	74.50	224.4	72.97	223.0	71.57	223.0	69.67	223.0	67.86	219.5	65.54
	-3.0	-3.7	232.4	72.67	232.4	71.03	231.0	69.56	231.0	67.70	231.0	65.90	226.8	63.69
	0.0	-0.7	244.3	69.88	244.3	68.14	242.7	66.56	242.7	64.73	242.7	62.96	238.0	60.91
	3.0	2.2	256.3	67.10	256.3	65.22	254.6	63.58	254.6	61.78	254.6	60.03	238.9	58.15
	5.0	4.1	264.1	65.25	264.1	63.28	262.6	61.57	262.6	59.81	262.6	58.07	238.9	56.29
	7.0	6.0	272.0	63.39	272.0	61.37	270.3	59.57	266.0	57.85	256.6	56.13	238.9	54.44
	9.0	7.9	273.4	61.89	273.4	59.90	272.6	58.15	266.0	56.46	256.6	54.79	238.9	53.13
	11.0	9.8	273.4	60.93	273.4	58.97	272.6	57.25	266.0	55.58	256.6	53.92	238.9	52.31
	13.0	11.8	273.4	59.87	273.4	57.94	272.6	56.27	266.0	54.63	256.6	53.00	238.9	51.41
15.0	13.7	273.4	58.75	273.4	56.84	272.6	55.20	266.0	53.59	256.6	51.99	238.9	50.43	
120	-24.8	-25	129.4	71.17	129.4	71.59	128.5	72.23	128.5	72.83	128.5	73.77	126.2	74.44
	-21.8	-22	158.9	72.14	158.9	72.55	157.8	73.17	157.8	73.77	157.8	74.74	154.9	75.41
	-19.8	-20	168.3	72.76	168.3	73.17	167.2	73.82	167.2	74.42	167.2	75.36	164.0	76.03
	-18.8	-19	172.0	73.08	172.0	73.50	170.9	74.14	170.9	74.74	170.9	75.69	167.7	76.35
	-16.7	-17	179.9	73.75	179.9	74.16	178.7	74.81	178.7	75.41	178.7	76.35	175.3	74.58
	-13.7	-15	191.1	74.70	191.1	75.11	190.0	75.75	190.0	76.35	190.0	77.11	186.3	72.02
	-11.8	-13	197.4	75.32	197.4	75.73	196.2	76.35	196.2	76.95	196.2	77.56	193.3	70.40
	-9.8	-11	203.9	75.94	203.9	76.35	202.7	74.31	202.7	72.51	202.7	70.27	200.6	68.71
	-9.5	-10	205.1	76.03	205.1	76.03	203.9	74.00	203.9	72.21	203.9	69.99	201.7	68.44
	-8.5	-9.1	209.0	76.35	209.0	74.96	207.7	72.97	207.7	71.22	207.7	69.12	205.2	67.60
	-7.0	-7.6	215.0	74.77	215.0	73.32	213.6	71.42	213.6	69.75	213.6	67.78	210.7	66.33
	-5.0	-5.6	223.0	72.62	223.0	71.17	221.5	69.37	221.5	67.78	221.5	66.01	218.1	64.62
	-3.0	-3.7	230.7	70.48	230.7	69.01	229.3	67.32	229.3	65.80	229.3	64.26	224.4	62.93
	0.0	-0.7	242.6	67.27	242.6	65.76	241.0	64.23	241.0	62.84	241.0	61.59	224.4	60.36
	3.0	2.2	254.4	64.07	254.4	62.51	252.9	61.15	249.2	59.89	241.5	58.94	224.4	57.82
	5.0	4.1	262.3	61.94	262.3	60.34	257.8	59.08	249.2	57.91	241.5	57.17	224.4	56.13
	7.0	6.0	270.3	59.79	268.5	58.18	257.8	57.03	249.2	55.94	241.5	55.42	224.4	54.42
	9.0	7.9	271.4	58.21	268.5	56.65	257.8	55.53	249.2	54.47	241.5	53.95	224.4	52.99
	11.0	9.8	271.4	57.14	268.5	55.61	257.8	54.50	249.2	53.46	241.5	52.96	224.4	52.01
	13.0	11.8	271.4	56.00	268.5	54.47	257.8	53.40	249.2	52.39	241.5	51.88	224.4	50.97
15.0	13.7	271.4	54.74	268.5	53.27	257.8	52.23	249.2	51.22	241.5	50.73	224.4	49.83	
110	-24.8	-25	128.8	71.59	128.8	72.23	127.9	72.83	127.9	73.77	127.9	74.44	125.4	74.76
	-21.8	-22	158.0	72.55	158.0	73.17	156.9	73.77	156.9	74.74	156.9	75.41	154.0	75.73
	-19.8	-20	167.4	73.17	167.4	73.82	166.3	74.42	166.3	75.36	166.3	76.03	163.1	76.35
	-18.8	-19	171.1	73.50	171.1	74.14	170.0	74.74	170.0	75.69	170.0	76.35	166.8	75.40
	-16.7	-17	179.0	74.16	179.0	74.81	177.8	75.41	177.8	76.35	177.8	77.11	174.4	73.41
	-13.7	-15	190.0	75.11	190.0	75.75	188.8	76.35	188.8	77.11	188.8	78.11	188.8	70.56
	-11.8	-13	196.2	75.73	196.2	76.35	195.1	76.95	195.1	77.56	195.1	78.11	195.1	68.74
	-9.8	-11	202.8	76.35	202.8	77.03	201.6	75.69	201.6	74.42	201.6	73.17	200.6	66.85
	-9.5	-10	203.9	75.97	203.9	73.68	202.8	71.79	202.8	69.31	202.8	67.76	201.9	66.56
	-8.5	-9.1	207.9	74.72	207.9	72.51	206.7	70.70	206.7	68.33	206.7	66.83	201.9	65.60
	-7.0	-7.6	213.9	72.84	213.9	70.76	212.5	69.07	212.5	67.35	212.5	65.44	201.9	64.18
	-5.0	-5.6	221.6	70.32	221.6	68.44	220.2	66.88	220.2	64.92	216.2	63.58	201.9	62.27
	-3.0	-3.7	229.5	67.81	229.5	66.09	228.1	64.70	223.8	62.95	216.2	61.75	201.9	60.39
	0.0	-0.7	241.2	64.05	241.2	62.60	231.3	61.45	223.8	60.01	216.2	58.97	201.9	57.52
	3.0	2.2	252.9	60.28	246.6	59.10	231.3	58.18	223.8	57.09	216.2	56.19	201.9	54.66
	5.0	4.1	260.9	57.77	246.6	56.76	231.3	56.00	223.8	55.12	216.2	54.33	201.9	52.77
	7.0	6.0	260.9	55.26	246.6	54.44	231.3	53.82	223.8	53.16	216.2	52.48	201.9	50.87
	9.0	7.9	260.9	53.56	246.6	52.75	231.3	52.15	223.8	51.52	216.2	50.87	201.9	49.29
	11.0	9.8	260.9	52.31	246.6	51.52	231.3	50.95	223.8	50.32	216.2	49.69	201.9	48.16
	13.0	11.8	260.9	50.98	246.6	50.21	231.3	49.66	223.8	49.04	216.2	48.41	201.9	46.93
15.0	13.7	260.9	49.56	246.6	48.82	231.3	48.27	223.8	47.68	216.2	47.07	201.9	45.62	

7. Capacity Tables

Heating Capacity (68HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	128.2	79.16	128.2	78.78	127.4	73.24	127.4	77.88	127.4	77.48	124.8	77.28
	-21.8	-22	157.2	78.59	157.2	78.21	156.3	75.55	156.3	77.31	156.3	77.98	153.2	76.74
	-19.8	-20	166.6	78.21	166.6	77.85	165.7	76.99	165.7	76.93	165.7	76.90	162.5	76.35
	-18.8	-19	170.3	78.03	169.4	77.67	169.4	77.31	169.4	76.75	169.4	76.35	166.0	75.18
	-16.7	-17	177.0	77.64	177.0	77.27	177.0	77.98	176.1	76.35	176.1	73.95	172.7	72.72
	-13.7	-15	189.1	77.09	189.1	76.71	188.0	76.35	188.0	72.86	188.0	70.48	184.5	69.18
	-11.8	-13	195.3	76.74	194.2	76.35	194.2	74.03	194.2	70.65	194.2	68.28	184.5	66.94
	-9.8	-11	201.7	76.35	201.7	73.76	200.8	71.57	200.8	68.30	198.0	65.98	184.5	64.59
	-9.5	-10	202.8	75.95	202.8	73.35	201.9	71.20	201.9	67.97	198.0	65.63	184.5	64.24
	-8.5	-9.1	206.8	74.58	206.8	72.04	205.9	69.97	204.8	66.80	198.0	64.48	184.5	63.06
	-7.0	-7.6	216.2	72.56	215.3	70.10	211.6	68.14	204.8	65.05	198.0	62.76	184.5	61.29
	-5.0	-5.6	225.6	69.83	223.3	67.48	211.6	65.66	204.8	62.71	198.0	60.44	184.5	58.94
	-3.0	-3.7	232.1	67.10	225.2	64.87	211.6	63.20	204.8	60.39	198.0	58.15	184.5	56.60
	0.0	-0.7	238.7	63.03	225.2	60.96	211.6	59.52	204.8	56.87	198.0	54.68	184.5	53.07
	3.0	2.2	238.7	58.94	225.2	57.03	211.6	55.83	204.8	53.38	198.0	51.22	184.5	49.53
	5.0	4.1	238.7	56.22	225.2	54.44	211.6	53.38	204.8	51.05	198.0	48.92	184.5	47.18
	7.0	6.0	238.7	53.51	225.2	51.82	211.6	50.92	204.8	48.71	198.0	46.61	184.5	44.83
	9.0	7.9	238.7	51.63	225.2	50.00	211.6	49.14	204.8	47.02	198.0	44.97	184.5	43.25
	11.0	9.8	238.7	50.19	225.2	48.62	211.6	47.78	204.8	45.71	198.0	43.72	184.5	42.05
	13.0	11.8	238.7	48.66	225.2	47.13	211.6	46.31	204.8	44.31	198.0	42.40	184.5	40.77
15.0	13.7	238.7	47.04	225.2	45.57	211.6	44.78	204.8	42.82	198.0	40.98	184.5	39.41	
90	-24.8	-25	127.7	70.39	127.7	71.35	126.8	72.02	126.8	72.34	126.8	72.97	124.5	73.93
	-21.8	-22	156.6	71.35	156.6	72.30	155.7	72.97	155.7	73.29	155.7	73.93	152.6	70.79
	-19.8	-20	166.0	71.98	166.0	72.94	164.9	73.61	164.9	73.93	164.9	71.80	161.8	68.71
	-18.8	-19	170.3	72.30	169.4	73.27	168.6	73.93	168.6	72.84	168.6	70.73	165.4	67.67
	-16.7	-17	177.0	72.97	177.0	73.93	176.4	71.66	176.4	70.54	176.4	68.49	168.6	65.48
	-13.7	-15	189.1	73.93	189.1	70.57	187.4	68.43	187.4	67.23	181.7	65.29	168.6	62.36
	-11.8	-13	195.3	71.63	194.2	68.43	193.4	66.38	187.7	65.15	181.7	63.26	168.6	60.36
	-9.8	-11	201.7	69.20	201.7	66.21	193.6	64.22	187.7	62.96	181.7	61.13	168.6	58.28
	-9.5	-10	202.8	68.84	202.8	65.86	193.6	63.91	187.7	62.63	181.7	60.82	168.6	57.96
	-8.5	-9.1	206.8	67.64	205.3	64.74	193.6	62.82	187.7	61.54	181.7	59.75	168.6	56.92
	-7.0	-7.6	216.2	65.83	205.6	63.06	193.6	61.20	187.7	59.89	181.7	58.14	168.6	55.36
	-5.0	-5.6	218.5	63.41	205.6	60.82	193.6	59.04	187.7	57.70	181.7	56.01	168.6	53.27
	-3.0	-3.7	218.5	60.98	205.6	58.58	193.6	56.90	187.7	55.51	181.7	53.87	168.6	51.19
	0.0	-0.7	218.5	57.36	205.6	55.23	193.6	53.67	187.7	52.22	181.7	50.67	168.6	48.05
	3.0	2.2	218.5	53.72	205.6	51.86	193.6	50.42	187.7	48.92	181.7	47.49	168.6	44.93
	5.0	4.1	218.5	51.31	205.6	49.62	193.6	48.28	187.7	46.73	181.7	45.36	168.6	42.85
	7.0	6.0	218.5	48.90	205.6	47.40	193.6	46.12	187.7	44.54	181.7	43.22	168.6	40.74
	9.0	7.9	218.5	46.60	205.6	45.18	193.6	43.96	187.7	42.46	181.7	41.20	168.6	38.85
	11.0	9.8	218.5	44.33	205.6	42.96	193.6	41.79	187.7	40.37	181.7	39.17	168.6	36.94
	13.0	11.8	218.5	42.03	205.6	40.75	193.6	39.65	187.7	38.29	181.7	37.15	168.6	35.04
15.0	13.7	218.5	39.75	205.6	38.53	193.6	37.49	187.7	36.21	181.7	35.14	168.6	33.13	
80	-24.8	-25	127.1	62.02	127.1	62.97	126.3	63.64	126.3	63.96	126.3	65.55	123.9	62.81
	-21.8	-22	154.9	62.97	154.9	63.94	154.9	64.60	154.9	65.55	154.9	62.81	150.7	60.16
	-19.8	-20	164.3	63.61	164.3	64.56	164.3	65.55	164.3	63.61	162.0	60.97	150.7	58.38
	-18.8	-19	168.0	63.94	168.0	65.55	168.0	64.56	167.8	62.65	162.0	60.05	150.7	57.50
	-16.7	-17	173.2	65.55	173.2	63.52	173.2	62.51	168.0	60.60	162.0	58.13	150.7	55.64
	-13.7	-15	181.1	62.53	177.5	60.59	173.2	59.56	168.0	57.69	162.0	55.37	150.7	52.99
	-11.8	-13	185.5	60.62	180.1	58.73	173.2	57.69	168.0	55.86	162.0	53.62	150.7	51.32
	-9.8	-11	190.4	58.59	182.6	56.79	173.2	55.74	168.0	53.91	162.0	51.78	150.7	49.57
	-9.5	-10	191.8	58.29	183.7	56.49	173.2	55.44	168.0	53.62	162.0	51.51	150.7	49.29
	-8.5	-9.1	193.7	57.28	184.5	55.53	173.2	54.46	168.0	52.65	162.0	50.60	150.7	48.42
	-7.0	-7.6	195.7	55.77	184.5	54.07	173.2	52.98	168.0	51.20	162.0	49.21	150.7	47.08
	-5.0	-5.6	195.7	53.75	184.5	52.11	173.2	51.01	168.0	49.26	162.0	47.38	150.7	45.33
	-3.0	-3.7	195.7	51.72	184.5	50.16	173.2	49.07	168.0	47.32	162.0	45.54	150.7	43.55
	0.0	-0.7	195.7	48.71	184.5	47.26	173.2	46.11	168.0	44.39	162.0	42.80	150.7	40.92
	3.0	2.2	195.7	45.67	184.5	44.33	173.2	43.16	168.0	41.49	162.0	40.04	150.7	38.27
	5.0	4.1	195.7	43.67	184.5	42.38	173.2	41.21	168.0	39.55	162.0	38.21	150.7	36.49
	7.0	6.0	195.7	41.64	184.5	40.44	173.2	39.24	168.0	37.60	162.0	36.37	150.7	34.74
	9.0	7.9	195.7	39.10	184.5	37.96	173.2	36.84	168.0	35.31	162.0	34.16	150.7	32.61
	11.0	9.8	195.7	36.29	184.5	35.23	173.2	34.19	168.0	32.77	162.0	31.71	150.7	30.26
	13.0	11.8	195.7	33.87	184.5	32.89	173.2	31.93	168.0	30.59	162.0	29.58	150.7	28.25
15.0	13.7	195.7	31.90	184.5	30.97	173.2	30.05	168.0	28.79	162.0	27.86	150.7	26.60	

7. Capacity Tables

Heating Capacity (68HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB													
			16		18		20		21		22		24			
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
70	-24.8	-25	127.1	62.11	127.1	62.43	126.3	63.07	126.3	64.02	126.3	61.01	126.3	61.01	123.9	58.19
	-21.8	-22	148.4	63.07	148.4	63.37	147.5	64.02	142.4	61.01	138.1	58.19	129.0	55.46		
	-19.8	-20	162.6	63.70	156.7	64.02	147.5	61.91	142.4	59.01	138.1	56.31	129.0	53.65		
	-18.8	-19	166.0	64.02	156.7	62.92	147.5	60.85	142.4	58.00	138.1	55.37	129.0	52.75		
	-16.7	-17	166.0	61.77	156.7	60.65	147.5	58.63	142.4	55.89	138.1	53.40	129.0	50.83		
	-13.7	-15	166.0	58.54	156.7	57.37	147.5	55.48	142.4	52.88	138.1	50.59	129.0	48.10		
	-11.8	-13	166.0	56.49	156.7	55.29	147.5	53.48	142.4	50.97	138.1	48.81	129.0	46.37		
	-9.8	-11	166.0	54.33	156.7	53.12	147.5	51.35	142.4	48.97	138.1	46.92	129.0	44.57		
	-9.5	-10	166.0	54.00	156.7	52.80	147.5	51.05	142.4	48.67	138.1	46.65	129.0	44.29		
	-8.5	-9.1	166.0	52.93	156.7	51.70	147.5	49.98	142.4	47.66	138.1	45.71	129.0	43.37		
	-7.0	-7.6	166.0	51.32	156.7	50.06	147.5	48.40	142.4	46.16	138.1	44.29	129.0	42.00		
	-5.0	-5.6	166.0	49.18	156.7	47.88	147.5	46.29	142.4	44.16	138.1	42.41	129.0	40.19		
	-3.0	-3.7	166.0	47.02	156.7	45.71	147.5	44.18	142.4	42.16	138.1	40.54	129.0	38.38		
	0.0	-0.7	166.0	43.79	156.7	42.43	147.5	41.03	142.4	39.15	138.1	37.73	129.0	35.65		
	3.0	2.2	166.0	40.56	156.7	39.17	147.5	37.86	142.4	36.14	138.1	34.91	129.0	32.92		
	5.0	4.1	166.0	38.40	156.7	36.98	147.5	35.75	142.4	34.12	138.1	33.02	129.0	31.11		
	7.0	6.0	166.0	36.26	156.7	34.80	147.5	33.64	142.4	32.12	138.1	31.14	129.0	29.28		
	9.0	7.9	166.0	32.75	156.7	31.43	147.5	30.37	142.4	29.01	138.1	28.13	129.0	26.44		
	11.0	9.8	166.0	30.48	156.7	29.26	147.5	28.29	142.4	27.01	138.1	26.19	129.0	24.62		
	13.0	11.8	166.0	28.52	156.7	27.37	147.5	26.47	142.4	25.27	138.1	24.50	129.0	23.03		
15.0	13.7	166.0	26.90	156.7	25.81	147.5	24.94	142.4	23.82	138.1	23.11	129.0	21.72			
60	-24.8	-25	126.5	61.42	126.5	62.04	125.6	63.01	122.2	59.77	117.9	56.73	110.5	53.88		
	-21.8	-22	136.0	62.37	134.7	63.01	126.4	59.77	122.2	56.73	117.9	53.88	110.5	51.13		
	-19.8	-20	142.4	63.01	134.7	60.71	126.4	57.61	122.2	54.72	117.9	51.98	110.5	49.27		
	-18.8	-19	142.4	61.86	134.7	59.58	126.4	56.54	122.2	53.71	117.9	51.02	110.5	48.36		
	-16.7	-17	142.4	59.44	134.7	57.19	126.4	54.28	122.2	51.57	117.9	49.02	110.5	46.42		
	-13.7	-15	142.4	55.98	134.7	53.76	126.4	51.04	122.2	48.55	117.9	46.17	110.5	43.67		
	-11.8	-13	142.4	53.79	134.7	51.59	126.4	48.99	122.2	46.63	117.9	44.36	110.5	41.92		
	-9.8	-11	142.4	51.50	134.7	49.31	126.4	46.84	122.2	44.60	117.9	42.46	110.5	40.08		
	-9.5	-10	142.4	51.15	134.7	48.96	126.4	46.52	122.2	44.30	117.9	42.19	110.5	39.81		
	-8.5	-9.1	142.4	50.00	134.7	47.83	126.4	45.42	122.2	43.28	117.9	41.23	110.5	38.88		
	-7.0	-7.6	142.4	48.27	134.7	46.10	126.4	43.83	122.2	41.77	117.9	39.80	110.5	37.50		
	-5.0	-5.6	142.4	45.98	134.7	43.83	126.4	41.66	122.2	39.74	117.9	37.91	110.5	35.67		
	-3.0	-3.7	142.4	43.68	134.7	41.55	126.4	39.50	122.2	37.72	117.9	35.99	110.5	33.83		
	0.0	-0.7	142.4	40.22	134.7	38.12	126.4	36.28	122.2	34.69	117.9	33.14	110.5	31.06		
	3.0	2.2	142.4	36.76	134.7	34.69	126.4	33.04	122.2	31.65	117.9	30.28	110.5	28.31		
	5.0	4.1	142.4	34.48	134.7	32.41	126.4	30.88	122.2	29.62	117.9	28.39	110.5	26.48		
	7.0	6.0	142.4	32.17	134.7	30.13	126.4	28.73	122.2	27.61	117.9	26.49	110.5	24.62		
	9.0	7.9	142.4	28.71	134.7	26.88	126.4	25.63	122.2	24.64	117.9	23.63	110.5	21.97		
	11.0	9.8	142.4	26.80	134.7	25.10	126.4	23.93	122.2	23.00	117.9	22.07	110.5	20.52		
	13.0	11.8	142.4	25.11	134.7	23.52	126.4	22.43	122.2	21.55	117.9	20.66	110.5	19.21		
15.0	13.7	142.4	23.72	134.7	22.22	126.4	21.18	122.2	20.36	117.9	19.54	110.5	18.17			
50	-24.8	-25	118.8	53.46	112.0	54.42	105.4	51.58	102.0	48.93	98.5	46.41	91.7	44.06		
	-21.8	-22	118.8	54.42	112.0	51.58	105.4	48.93	102.0	46.41	98.5	44.06	91.7	41.79		
	-19.8	-20	118.8	52.43	112.0	49.69	105.4	47.15	102.0	44.72	98.5	42.50	91.7	40.29		
	-18.8	-19	118.8	51.45	112.0	48.74	105.4	46.25	102.0	43.87	98.5	41.71	91.7	39.53		
	-16.7	-17	118.8	49.37	112.0	46.74	105.4	44.39	102.0	42.12	98.5	40.07	91.7	37.96		
	-13.7	-15	118.8	46.41	112.0	43.90	105.4	41.74	102.0	39.60	98.5	37.72	91.7	35.70		
	-11.8	-13	118.8	44.53	112.0	42.10	105.4	40.07	102.0	38.02	98.5	36.24	91.7	34.27		
	-9.8	-11	118.8	42.56	112.0	40.21	105.4	38.29	102.0	36.33	98.5	34.68	91.7	32.75		
	-9.5	-10	118.8	42.26	112.0	39.93	105.4	38.02	102.0	36.08	98.5	34.44	91.7	32.53		
	-8.5	-9.1	118.8	41.27	112.0	38.98	105.4	37.14	102.0	35.23	98.5	33.67	91.7	31.78		
	-7.0	-7.6	118.8	39.79	112.0	37.55	105.4	35.80	102.0	33.97	98.5	32.49	91.7	30.64		
	-5.0	-5.6	118.8	37.82	112.0	35.66	105.4	34.03	102.0	32.30	98.5	30.91	91.7	29.14		
	-3.0	-3.7	118.8	35.83	112.0	33.77	105.4	32.27	102.0	30.63	98.5	29.35	91.7	27.63		
	0.0	-0.7	118.8	32.87	112.0	30.93	105.4	29.60	102.0	28.10	98.5	27.02	91.7	25.36		
	3.0	2.2	118.8	29.89	112.0	28.09	105.4	26.94	102.0	25.58	98.5	24.67	91.7	23.12		
	5.0	4.1	118.8	27.92	112.0	26.20	105.4	25.17	102.0	23.91	98.5	23.11	91.7	21.61		
	7.0	6.0	118.8	25.95	112.0	24.29	105.4	23.41	102.0	22.24	98.5	21.53	91.7	20.09		
	9.0	7.9	118.8	23.44	112.0	21.94	105.4	21.12	102.0	20.08	98.5	19.46	91.7	18.15		
	11.0	9.8	118.8	21.92	112.0	20.52	105.4	19.78	102.0	18.78	98.5	18.20	91.7	16.98		
	13.0	11.8	118.8	20.58	112.0	19.27	105.4	18.56	102.0	17.63	98.5	17.08	91.7	15.94		
15.0	13.7	118.8	19.48	112.0	18.23	105.4	17.57	102.0	16.70	98.5	16.18	91.7	15.09			

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM700BTE5

Heating Capacity (70HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	134.2	74.47	134.2	74.95	133.4	75.38	133.4	76.04	133.4	76.66	130.9	77.64
	-21.8	-22	164.8	75.45	164.8	75.95	163.7	76.38	163.7	77.02	163.7	77.64	160.5	78.63
	-19.8	-20	174.5	76.11	174.5	76.59	173.3	77.02	173.3	77.68	173.3	78.30	170.1	79.28
	-18.8	-19	178.5	76.43	178.5	76.92	177.3	77.35	177.3	78.02	177.3	78.63	173.9	79.61
	-16.7	-17	186.6	77.12	186.6	77.61	185.4	78.04	185.4	78.70	185.4	79.32	181.9	80.30
	-13.7	-15	198.2	78.11	198.2	78.59	197.0	79.02	197.0	79.68	197.0	80.30	193.2	77.39
	-11.8	-13	204.7	78.73	204.7	79.23	203.5	79.65	203.5	80.30	203.5	78.35	200.5	75.53
	-9.8	-11	211.5	79.39	211.5	79.87	210.2	80.30	210.2	78.23	210.2	76.30	208.0	73.58
	-9.5	-10	212.7	79.49	212.7	79.97	211.4	79.98	211.4	77.92	211.2	75.99	209.2	73.30
	-8.5	-9.1	216.8	79.82	216.8	80.30	215.5	78.94	215.5	76.88	214.7	74.96	212.9	72.32
	-7.0	-7.6	222.9	80.30	222.9	78.78	221.5	77.37	221.5	75.33	221.5	73.41	218.5	70.86
	-5.0	-5.6	231.1	78.35	231.1	76.74	229.6	75.27	229.6	73.26	229.6	71.37	226.1	68.93
	-3.0	-3.7	239.3	76.42	239.3	74.70	237.8	73.15	237.8	71.20	237.8	69.30	233.6	66.98
	0.0	-0.7	251.6	73.49	251.6	71.66	249.9	70.00	249.9	68.07	249.9	66.21	245.1	64.06
	3.0	2.2	263.9	70.57	263.9	68.59	262.2	66.86	262.2	64.97	262.2	63.13	246.0	61.15
	5.0	4.1	271.9	68.62	271.9	66.55	270.4	64.75	270.4	62.90	264.2	61.07	246.0	59.20
	7.0	6.0	280.1	66.67	280.1	64.54	278.3	62.65	273.9	60.84	264.2	59.03	246.0	57.25
9.0	7.9	281.6	65.09	281.6	62.99	280.7	61.16	273.9	59.38	264.2	57.62	246.0	55.88	
11.0	9.8	281.6	64.08	281.6	62.01	280.7	60.21	273.9	58.46	264.2	56.71	246.0	55.01	
13.0	11.8	281.6	62.96	281.6	60.93	280.7	59.17	273.9	57.45	264.2	55.73	246.0	54.07	
15.0	13.7	281.6	61.78	281.6	59.78	280.7	58.05	273.9	56.36	264.2	54.67	246.0	53.04	
120	-24.8	-25	133.3	74.95	133.3	75.38	132.5	76.04	132.5	76.66	132.5	77.64	130.0	78.33
	-21.8	-22	163.6	75.95	163.6	76.38	162.5	77.02	162.5	77.64	162.5	78.63	159.5	79.32
	-19.8	-20	173.3	76.59	173.3	77.02	172.1	77.68	172.1	78.30	172.1	79.28	168.9	79.97
	-18.8	-19	177.1	76.92	177.1	77.35	175.9	78.02	175.9	78.63	175.9	79.61	172.7	80.30
	-16.7	-17	185.2	77.61	185.2	78.04	184.0	78.70	184.0	79.32	184.0	80.30	180.5	78.43
	-13.7	-15	196.8	78.59	196.8	79.02	195.6	79.68	195.6	80.30	195.6	77.51	191.8	75.74
	-11.8	-13	203.2	79.23	203.2	79.65	202.0	80.30	202.0	78.34	202.0	75.76	199.0	74.04
	-9.8	-11	210.0	79.87	210.0	80.30	208.8	78.14	208.8	76.25	208.8	73.89	206.6	72.26
	-9.5	-10	211.2	79.97	211.2	79.96	210.0	77.83	210.0	75.94	210.0	73.61	207.7	71.98
	-8.5	-9.1	215.3	80.30	215.3	78.83	213.8	76.74	213.8	74.90	213.8	72.69	211.3	71.09
	-7.0	-7.6	221.4	78.63	221.4	77.11	220.0	75.11	220.0	73.35	220.0	71.29	217.0	69.76
	-5.0	-5.6	229.6	76.37	229.6	74.84	228.1	72.95	228.1	71.28	228.1	69.42	224.5	67.96
	-3.0	-3.7	237.6	74.13	237.6	72.57	236.1	70.79	236.1	69.19	236.1	67.58	231.1	66.18
	0.0	-0.7	249.8	70.74	249.8	69.16	248.1	67.55	248.1	66.09	248.1	64.77	231.1	63.48
	3.0	2.2	261.9	67.38	261.9	65.74	260.4	64.31	256.6	62.99	248.7	61.99	231.1	60.81
	5.0	4.1	270.1	65.14	270.1	63.45	265.5	62.13	256.6	60.90	248.7	60.12	231.1	59.03
	7.0	6.0	278.3	62.88	276.5	61.18	265.5	59.98	256.6	58.83	248.7	58.28	231.1	57.23
9.0	7.9	279.4	61.22	276.5	59.57	265.5	58.40	256.6	57.28	248.7	56.73	231.1	55.73	
11.0	9.8	279.4	60.10	276.5	58.48	265.5	57.31	256.6	56.22	248.7	55.70	231.1	54.70	
13.0	11.8	279.4	58.89	276.5	57.28	265.5	56.16	256.6	55.10	248.7	54.56	231.1	53.60	
15.0	13.7	279.4	57.57	276.5	56.02	265.5	54.92	256.6	53.87	248.7	53.35	231.1	52.40	
110	-24.8	-25	132.7	75.38	132.7	76.04	131.8	76.66	131.8	77.64	131.8	78.33	129.2	78.66
	-21.8	-22	162.7	76.38	162.7	77.02	161.6	77.64	161.6	78.63	161.6	79.32	158.6	79.65
	-19.8	-20	172.4	77.02	172.4	77.68	171.3	78.30	171.3	79.28	171.3	79.97	168.0	80.30
	-18.8	-19	176.2	77.35	176.2	78.02	175.0	78.63	175.0	79.61	175.0	80.30	171.8	79.30
	-16.7	-17	184.3	78.04	184.3	78.70	183.1	79.32	183.1	80.30	183.1	78.26	179.6	77.20
	-13.7	-15	195.6	79.02	195.6	79.68	194.5	80.30	194.5	77.22	194.5	75.33	194.5	74.21
	-11.8	-13	202.1	79.65	202.1	80.30	200.9	78.12	200.9	75.27	200.9	73.49	200.9	72.29
	-9.8	-11	208.8	80.30	208.8	77.86	207.6	75.85	207.6	73.21	207.6	71.54	206.5	70.31
	-9.5	-10	210.0	79.90	210.0	77.48	208.8	75.50	208.8	72.89	208.8	71.26	207.9	70.00
	-8.5	-9.1	214.1	78.58	214.1	76.25	212.9	74.35	212.9	71.86	212.9	70.28	207.9	68.99
	-7.0	-7.6	220.2	76.60	220.2	74.41	218.8	72.63	218.8	70.31	218.8	68.82	207.9	67.50
	-5.0	-5.6	228.2	73.96	228.2	71.97	226.7	70.34	226.7	68.27	222.6	66.87	207.9	65.49
	-3.0	-3.7	236.4	71.32	236.4	69.51	234.9	68.05	230.5	66.21	222.6	64.94	207.9	63.50
	0.0	-0.7	248.4	67.36	248.4	65.83	238.2	64.62	230.5	63.11	222.6	62.01	207.9	60.49
	3.0	2.2	260.5	63.40	253.9	62.16	238.2	61.18	230.5	60.03	222.6	59.09	207.9	57.49
	5.0	4.1	268.6	60.76	253.9	59.69	238.2	58.89	230.5	57.97	222.6	57.14	207.9	55.50
	7.0	6.0	268.6	58.11	253.9	57.25	238.2	56.60	230.5	55.91	222.6	55.19	207.9	53.49
9.0	7.9	268.6	56.33	253.9	55.47	238.2	54.85	230.5	54.18	222.6	53.49	207.9	51.83	
11.0	9.8	268.6	55.01	253.9	54.18	238.2	53.58	230.5	52.92	222.6	52.26	207.9	50.65	
13.0	11.8	268.6	53.61	253.9	52.81	238.2	52.23	230.5	51.57	222.6	50.91	207.9	49.36	
15.0	13.7	268.6	52.12	253.9	51.34	238.2	50.77	230.5	50.14	222.6	49.50	207.9	47.98	

7. Capacity Tables

Heating Capacity (70HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	132.1	83.32	132.1	82.91	131.2	77.06	131.2	81.94	131.2	81.52	128.6	81.30
	-21.8	-22	161.9	82.71	161.9	82.30	161.0	79.48	161.0	81.33	161.0	82.02	157.8	80.71
	-19.8	-20	171.6	82.30	171.6	81.91	170.6	81.00	170.6	80.92	170.6	80.88	167.4	80.30
	-18.8	-19	175.3	82.10	174.4	81.71	174.4	81.33	174.4	80.72	174.4	80.30	170.9	79.06
	-16.7	-17	182.3	81.68	182.3	81.29	182.3	82.02	181.3	80.30	181.3	77.77	177.8	76.48
	-13.7	-15	194.7	81.09	194.7	80.68	193.6	80.30	193.6	76.62	193.6	74.12	190.0	72.75
	-11.8	-13	201.1	80.71	200.0	80.30	200.0	77.85	200.0	74.30	200.0	71.81	190.0	70.40
	-9.8	-11	207.7	80.30	207.7	77.57	206.7	75.27	206.7	71.83	203.9	69.39	190.0	67.93
	-9.5	-10	208.8	79.87	208.8	77.14	207.9	74.87	207.9	71.48	203.9	69.02	190.0	67.56
	-8.5	-9.1	212.9	78.44	212.9	75.77	212.0	73.58	210.9	70.25	203.9	67.81	190.0	66.32
	-7.0	-7.6	222.6	76.30	221.7	73.72	217.9	71.65	210.9	68.41	203.9	66.00	190.0	64.46
	-5.0	-5.6	232.3	73.44	230.0	70.97	217.9	69.05	210.9	65.95	203.9	63.57	190.0	61.99
	-3.0	-3.7	239.0	70.57	231.9	68.22	217.9	66.47	210.9	63.51	203.9	61.15	190.0	59.52
	0.0	-0.7	245.8	66.29	231.9	64.11	217.9	62.59	210.9	59.81	203.9	57.51	190.0	55.81
	3.0	2.2	245.8	61.99	231.9	59.98	217.9	58.72	210.9	56.13	203.9	53.87	190.0	52.09
	5.0	4.1	245.8	59.12	231.9	57.25	217.9	56.13	210.9	53.69	203.9	51.45	190.0	49.62
	7.0	6.0	245.8	56.27	231.9	54.50	217.9	53.55	210.9	51.23	203.9	49.02	190.0	47.15
	9.0	7.9	245.8	54.30	231.9	52.58	217.9	51.68	210.9	49.44	203.9	47.30	190.0	45.49
	11.0	9.8	245.8	52.78	231.9	51.14	217.9	50.25	210.9	48.07	203.9	45.98	190.0	44.22
	13.0	11.8	245.8	51.17	231.9	49.56	217.9	48.70	210.9	46.60	203.9	44.59	190.0	42.88
15.0	13.7	245.8	49.47	231.9	47.92	217.9	47.09	210.9	45.03	203.9	43.10	190.0	41.44	
90	-24.8	-25	131.5	74.11	131.5	75.10	130.7	75.79	130.7	76.12	130.7	76.77	128.3	77.76
	-21.8	-22	161.3	75.10	161.3	76.08	160.4	76.77	160.4	77.10	160.4	77.76	157.2	74.46
	-19.8	-20	170.9	75.75	170.9	76.74	169.8	77.43	169.8	77.76	169.8	75.52	166.6	72.27
	-18.8	-19	175.3	76.08	174.4	77.07	173.6	77.76	173.6	76.61	173.6	74.40	170.3	71.17
	-16.7	-17	182.3	76.77	182.3	77.76	181.6	75.38	181.6	74.19	181.6	72.04	173.6	68.87
	-13.7	-15	194.7	77.76	194.7	74.22	192.9	71.98	192.9	70.71	187.1	68.67	173.6	65.58
	-11.8	-13	201.1	75.34	200.0	71.98	199.2	69.82	193.2	68.52	187.1	66.54	173.6	63.49
	-9.8	-11	207.7	72.78	207.7	69.64	199.4	67.54	193.2	66.22	187.1	64.29	173.6	61.30
	-9.5	-10	208.8	72.41	208.8	69.27	199.4	67.22	193.2	65.87	187.1	63.97	173.6	60.96
	-8.5	-9.1	212.9	71.14	211.5	68.09	199.4	66.07	193.2	64.72	187.1	62.85	173.6	59.86
	-7.0	-7.6	222.6	69.23	211.8	66.33	199.4	64.37	193.2	62.99	187.1	61.15	173.6	58.22
	-5.0	-5.6	225.0	66.70	211.8	63.97	199.4	62.10	193.2	60.69	187.1	58.91	173.6	56.03
	-3.0	-3.7	225.0	64.14	211.8	61.61	199.4	59.85	193.2	58.38	187.1	56.66	173.6	53.84
	0.0	-0.7	225.0	60.33	211.8	58.09	199.4	56.45	193.2	54.92	187.1	53.29	173.6	50.53
	3.0	2.2	225.0	56.50	211.8	54.55	199.4	53.03	193.2	51.45	187.1	49.95	173.6	47.25
	5.0	4.1	225.0	53.96	211.8	52.18	199.4	50.77	193.2	49.14	187.1	47.70	173.6	45.06
	7.0	6.0	225.0	51.42	211.8	49.84	199.4	48.50	193.2	46.84	187.1	45.46	173.6	42.85
	9.0	7.9	225.0	49.01	211.8	47.51	199.4	46.23	193.2	44.65	187.1	43.33	173.6	40.86
	11.0	9.8	225.0	46.61	211.8	45.18	199.4	43.95	193.2	42.46	187.1	41.20	173.6	38.84
	13.0	11.8	225.0	44.20	211.8	42.85	199.4	41.70	193.2	40.27	187.1	39.07	173.6	36.85
15.0	13.7	225.0	41.80	211.8	40.51	199.4	39.42	193.2	38.08	187.1	36.96	173.6	34.84	
80	-24.8	-25	131.0	65.31	131.0	66.28	130.1	66.97	130.1	67.31	130.1	68.94	127.7	66.06
	-21.8	-22	159.6	66.28	159.6	67.28	159.6	67.97	159.6	68.94	159.6	66.06	155.1	63.27
	-19.8	-20	169.2	66.95	169.2	67.92	169.2	68.94	169.2	66.90	166.8	64.13	155.1	61.40
	-18.8	-19	172.9	67.28	172.9	68.94	172.9	67.91	172.8	65.89	166.8	63.16	155.1	60.48
	-16.7	-17	178.3	68.94	178.3	66.81	178.3	65.75	173.0	63.74	166.8	61.14	155.1	58.53
	-13.7	-15	186.5	65.77	182.7	63.73	178.3	62.64	173.0	60.68	166.8	58.23	155.1	55.74
	-11.8	-13	191.0	63.75	185.4	61.77	178.3	60.68	173.0	58.75	166.8	56.39	155.1	53.98
	-9.8	-11	196.1	61.63	188.1	59.73	178.3	58.63	173.0	56.70	166.8	54.46	155.1	52.13
	-9.5	-10	197.5	61.31	189.2	59.41	178.3	58.31	173.0	56.39	166.8	54.18	155.1	51.85
	-8.5	-9.1	199.5	60.24	190.0	58.40	178.3	57.28	173.0	55.38	166.8	53.22	155.1	50.92
	-7.0	-7.6	201.5	58.66	190.0	56.87	178.3	55.73	173.0	53.85	166.8	51.76	155.1	49.52
	-5.0	-5.6	201.5	56.53	190.0	54.80	178.3	53.65	173.0	51.81	166.8	49.83	155.1	47.67
	-3.0	-3.7	201.5	54.40	190.0	52.76	178.3	51.60	173.0	49.76	166.8	47.90	155.1	45.80
	0.0	-0.7	201.5	51.23	190.0	49.70	178.3	48.50	173.0	46.69	166.8	45.02	155.1	43.03
	3.0	2.2	201.5	48.03	190.0	46.62	178.3	45.39	173.0	43.63	166.8	42.11	155.1	40.24
	5.0	4.1	201.5	45.92	190.0	44.57	178.3	43.34	173.0	41.59	166.8	40.18	155.1	38.38
	7.0	6.0	201.5	43.79	190.0	42.53	178.3	41.27	173.0	39.55	166.8	38.25	155.1	36.53
	9.0	7.9	201.5	41.12	190.0	39.92	178.3	38.74	173.0	37.14	166.8	35.93	155.1	34.29
	11.0	9.8	201.5	38.17	190.0	37.05	178.3	35.96	173.0	34.47	166.8	33.34	155.1	31.83
	13.0	11.8	201.5	35.62	190.0	34.58	178.3	33.57	173.0	32.17	166.8	31.11	155.1	29.70
15.0	13.7	201.5	33.54	190.0	32.57	178.3	31.60	173.0	30.28	166.8	29.30	155.1	27.98	

7. Capacity Tables

Heating Capacity (70HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	131.0	65.36	131.0	65.69	130.1	66.36	130.1	67.33	130.1	64.17	127.7	61.20
	-21.8	-22	152.8	66.36	152.8	66.67	151.9	67.33	146.6	64.17	142.3	61.20	132.8	58.33
	-19.8	-20	167.3	67.00	161.3	67.33	151.9	65.12	146.6	62.06	142.3	59.22	132.8	56.43
	-18.8	-19	171.0	67.33	161.3	66.18	151.9	64.00	146.6	61.00	142.3	58.24	132.8	55.48
	-16.7	-17	171.0	64.97	161.3	63.79	151.9	61.67	146.6	58.79	142.3	56.17	132.8	53.46
	-13.7	-15	171.0	61.57	161.3	60.34	151.9	58.35	146.6	55.62	142.3	53.20	132.8	50.59
	-11.8	-13	171.0	59.42	161.3	58.15	151.9	56.25	146.6	53.61	142.3	51.33	132.8	48.77
	-9.8	-11	171.0	57.14	161.3	55.87	151.9	54.01	146.6	51.51	142.3	49.35	132.8	46.87
	-9.5	-10	171.0	56.80	161.3	55.53	151.9	53.69	146.6	51.19	142.3	49.06	132.8	46.58
	-8.5	-9.1	171.0	55.67	161.3	54.38	151.9	52.57	146.6	50.13	142.3	48.08	132.8	45.61
	-7.0	-7.6	171.0	53.98	161.3	52.65	151.9	50.90	146.6	48.54	142.3	46.59	132.8	44.18
	-5.0	-5.6	171.0	51.73	161.3	50.35	151.9	48.69	146.6	46.44	142.3	44.60	132.8	42.27
	-3.0	-3.7	171.0	49.45	161.3	48.07	151.9	46.47	146.6	44.34	142.3	42.64	132.8	40.37
	0.0	-0.7	171.0	46.06	161.3	44.62	151.9	43.15	146.6	41.17	142.3	39.68	132.8	37.49
	3.0	2.2	171.0	42.66	161.3	41.19	151.9	39.82	146.6	38.00	142.3	36.71	132.8	34.62
	5.0	4.1	171.0	40.39	161.3	38.89	151.9	37.60	146.6	35.88	142.3	34.73	132.8	32.72
	7.0	6.0	171.0	38.14	161.3	36.59	151.9	35.38	146.6	33.78	142.3	32.75	132.8	30.79
	9.0	7.9	171.0	34.44	161.3	33.06	151.9	31.94	146.6	30.50	142.3	29.59	132.8	27.81
	11.0	9.8	171.0	32.06	161.3	30.77	151.9	29.76	146.6	28.41	142.3	27.55	132.8	25.89
	13.0	11.8	171.0	29.99	161.3	28.79	151.9	27.83	146.6	26.57	142.3	25.77	132.8	24.22
15.0	13.7	171.0	28.29	161.3	27.15	151.9	26.23	146.6	25.05	142.3	24.30	132.8	22.84	
60	-24.8	-25	130.2	64.65	130.2	65.29	129.4	66.29	125.8	62.88	121.4	59.68	113.7	56.68
	-21.8	-22	140.0	65.63	138.7	66.29	130.2	62.88	125.8	59.68	121.4	56.68	113.7	53.79
	-19.8	-20	146.6	66.29	138.7	63.87	130.2	60.61	125.8	57.57	121.4	54.68	113.7	51.83
	-18.8	-19	146.6	65.08	138.7	62.68	130.2	59.48	125.8	56.50	121.4	53.68	113.7	50.88
	-16.7	-17	146.6	62.53	138.7	60.16	130.2	57.10	125.8	54.25	121.4	51.57	113.7	48.83
	-13.7	-15	146.6	58.89	138.7	56.56	130.2	53.70	125.8	51.07	121.4	48.57	113.7	45.94
	-11.8	-13	146.6	56.59	138.7	54.27	130.2	51.53	125.8	49.05	121.4	46.66	113.7	44.10
	-9.8	-11	146.6	54.18	138.7	51.87	130.2	49.28	125.8	46.92	121.4	44.67	113.7	42.16
	-9.5	-10	146.6	53.81	138.7	51.50	130.2	48.93	125.8	46.60	121.4	44.38	113.7	41.87
	-8.5	-9.1	146.6	52.59	138.7	50.31	130.2	47.78	125.8	45.53	121.4	43.37	113.7	40.90
	-7.0	-7.6	146.6	50.78	138.7	48.50	130.2	46.10	125.8	43.94	121.4	41.87	113.7	39.45
	-5.0	-5.6	146.6	48.37	138.7	46.10	130.2	43.82	125.8	41.81	121.4	39.87	113.7	37.52
	-3.0	-3.7	146.6	45.94	138.7	43.70	130.2	41.54	125.8	39.67	121.4	37.86	113.7	35.58
	0.0	-0.7	146.6	42.30	138.7	40.09	130.2	38.16	125.8	36.49	121.4	34.85	113.7	32.67
	3.0	2.2	146.6	38.66	138.7	36.48	130.2	34.75	125.8	33.29	121.4	31.85	113.7	29.78
	5.0	4.1	146.6	36.26	138.7	34.08	130.2	32.47	125.8	31.15	121.4	29.86	113.7	27.84
	7.0	6.0	146.6	33.83	138.7	31.68	130.2	30.22	125.8	29.04	121.4	27.86	113.7	25.89
	9.0	7.9	146.6	30.19	138.7	28.27	130.2	26.95	125.8	25.91	121.4	24.85	113.7	23.10
	11.0	9.8	146.6	28.18	138.7	26.40	130.2	25.17	125.8	24.19	121.4	23.21	113.7	21.58
	13.0	11.8	146.6	26.40	138.7	24.74	130.2	23.59	125.8	22.67	121.4	21.73	113.7	20.21
15.0	13.7	146.6	24.94	138.7	23.36	130.2	22.27	125.8	21.41	121.4	20.55	113.7	19.11	
50	-24.8	-25	122.3	56.25	115.3	57.24	108.5	54.25	105.0	51.46	101.5	48.81	94.5	46.34
	-21.8	-22	122.3	57.24	115.3	54.25	108.5	51.46	105.0	48.81	101.5	46.34	94.5	43.96
	-19.8	-20	122.3	55.15	115.3	52.27	108.5	49.59	105.0	47.04	101.5	44.70	94.5	42.37
	-18.8	-19	122.3	54.11	115.3	51.26	108.5	48.65	105.0	46.15	101.5	43.87	94.5	41.57
	-16.7	-17	122.3	51.93	115.3	49.16	108.5	46.69	105.0	44.30	101.5	42.14	94.5	39.93
	-13.7	-15	122.3	48.82	115.3	46.17	108.5	43.90	105.0	41.65	101.5	39.67	94.5	37.54
	-11.8	-13	122.3	46.83	115.3	44.27	108.5	42.14	105.0	39.98	101.5	38.12	94.5	36.04
	-9.8	-11	122.3	44.76	115.3	42.29	108.5	40.27	105.0	38.21	101.5	36.48	94.5	34.44
	-9.5	-10	122.3	44.44	115.3	42.00	108.5	39.99	105.0	37.94	101.5	36.22	94.5	34.21
	-8.5	-9.1	122.3	43.41	115.3	40.99	108.5	39.06	105.0	37.06	101.5	35.41	94.5	33.43
	-7.0	-7.6	122.3	41.85	115.3	39.50	108.5	37.66	105.0	35.73	101.5	34.17	94.5	32.23
	-5.0	-5.6	122.3	39.78	115.3	37.51	108.5	35.79	105.0	33.97	101.5	32.51	94.5	30.64
	-3.0	-3.7	122.3	37.68	115.3	35.52	108.5	33.94	105.0	32.22	101.5	30.87	94.5	29.06
	0.0	-0.7	122.3	34.57	115.3	32.53	108.5	31.13	105.0	29.55	101.5	28.42	94.5	26.68
	3.0	2.2	122.3	31.44	115.3	29.54	108.5	28.34	105.0	26.90	101.5	25.95	94.5	24.31
	5.0	4.1	122.3	29.36	115.3	27.55	108.5	26.47	105.0	25.14	101.5	24.31	94.5	22.73
	7.0	6.0	122.3	27.29	115.3	25.54	108.5	24.62	105.0	23.39	101.5	22.65	94.5	21.13
	9.0	7.9	122.3	24.65	115.3	23.07	108.5	22.22	105.0	21.12	101.5	20.46	94.5	19.08
	11.0	9.8	122.3	23.05	115.3	21.58	108.5	20.80	105.0	19.75	101.5	19.14	94.5	17.85
	13.0	11.8	122.3	21.64	115.3	20.26	108.5	19.52	105.0	18.54	101.5	17.97	94.5	16.76
15.0	13.7	122.3	20.49	115.3	19.17	108.5	18.48	105.0	17.56	101.5	17.01	94.5	15.87	

Note

1. TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM720BTE5

Heating Capacity (72HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	136.2	76.59	136.2	77.19	135.3	77.73	135.3	78.57	135.3	79.35	132.9	80.58
	-21.8	-22	168.0	77.82	168.0	78.45	166.8	78.99	166.8	79.80	166.8	80.58	163.5	81.84
	-19.8	-20	178.2	78.66	178.2	79.26	177.0	79.80	177.0	80.64	177.0	81.42	173.7	82.65
	-18.8	-19	182.4	79.05	182.4	79.68	181.2	80.22	181.2	81.06	181.2	81.84	177.6	83.07
	-16.7	-17	190.8	79.92	190.8	80.55	189.6	81.09	189.6	81.93	189.6	82.71	186.0	83.94
	-13.7	-15	202.8	81.18	202.8	81.78	201.6	82.32	201.6	83.16	201.6	83.94	197.7	80.91
	-11.8	-13	209.4	81.96	209.4	82.59	208.2	83.13	208.2	83.94	208.2	84.72	205.2	78.96
	-9.8	-11	216.3	82.80	216.3	83.40	215.1	83.94	215.1	84.72	215.1	85.50	213.0	76.92
	-9.5	-10	217.5	82.92	217.5	83.52	216.3	84.06	216.3	84.90	216.3	85.74	214.2	77.62
	-8.5	-9.1	221.7	83.34	221.7	83.94	220.5	84.58	220.5	85.42	219.6	86.26	218.1	75.60
	-7.0	-7.6	228.0	83.94	228.0	84.54	226.5	85.18	226.5	85.82	226.5	86.46	223.8	74.07
	-5.0	-5.6	236.4	81.90	236.4	82.50	234.9	83.14	234.9	83.78	234.9	84.42	231.6	72.06
	-3.0	-3.7	244.8	79.89	244.8	80.49	243.3	81.13	243.3	81.77	243.3	82.41	239.4	70.02
	0.0	-0.7	257.4	76.83	257.4	77.43	255.6	78.07	255.6	78.71	255.6	79.35	251.4	66.96
	3.0	2.2	270.0	73.77	270.0	74.37	268.2	75.01	268.2	75.65	268.2	76.29	266.0	63.93
	5.0	4.1	278.1	71.73	278.1	72.33	276.6	73.07	276.6	73.71	276.6	74.35	274.3	61.89
	7.0	6.0	286.5	69.69	286.5	70.29	284.7	70.93	284.7	71.57	284.7	72.21	282.4	59.85
	9.0	7.9	288.0	68.04	288.0	68.64	287.1	69.28	287.1	69.92	287.1	70.56	284.8	57.81
11.0	9.8	288.0	66.99	288.0	67.59	287.1	68.23	287.1	68.87	287.1	69.51	284.8	55.77	
13.0	11.8	288.0	65.82	288.0	66.42	287.1	67.06	287.1	67.70	287.1	68.34	284.8	53.73	
15.0	13.7	288.0	64.59	288.0	65.19	287.1	65.83	287.1	66.47	287.1	67.15	284.8	51.69	
120	-24.8	-25	135.3	77.19	135.3	77.73	134.4	78.27	134.4	79.11	134.4	80.00	132.0	81.45
	-21.8	-22	166.8	78.45	166.8	78.99	165.6	79.53	165.6	80.37	165.6	81.26	162.6	82.71
	-19.8	-20	177.0	79.26	177.0	79.80	175.8	80.34	175.8	81.18	175.8	82.07	172.5	83.52
	-18.8	-19	180.9	79.68	180.9	80.22	179.7	80.76	179.7	81.60	179.7	82.44	176.4	83.94
	-16.7	-17	189.3	80.55	189.3	81.09	188.1	81.63	188.1	82.47	188.1	83.31	184.5	81.99
	-13.7	-15	201.3	81.78	201.3	82.32	200.1	82.86	200.1	83.70	200.1	84.54	196.2	79.17
	-11.8	-13	207.9	82.59	207.9	83.13	206.7	83.67	206.7	84.51	206.7	85.35	203.7	77.40
	-9.8	-11	214.8	83.40	214.8	83.94	213.6	84.48	213.6	85.32	213.6	86.16	211.5	75.54
	-9.5	-10	216.0	83.52	216.0	84.06	214.8	84.60	214.8	85.44	214.8	86.28	212.7	75.24
	-8.5	-9.1	220.2	83.94	220.2	84.54	218.7	85.18	218.7	85.82	218.7	86.46	216.3	74.31
	-7.0	-7.6	226.5	82.20	226.5	82.80	225.0	83.44	225.0	84.08	225.0	84.72	222.3	72.93
	-5.0	-5.6	234.9	79.83	234.9	80.43	233.4	81.07	233.4	81.71	233.4	82.35	230.1	71.04
	-3.0	-3.7	243.0	77.49	243.0	78.09	241.5	78.73	241.5	79.37	241.5	80.01	236.4	69.18
	0.0	-0.7	255.6	73.95	255.6	74.55	253.8	75.19	253.8	75.83	253.8	76.47	249.6	66.36
	3.0	2.2	267.9	70.44	267.9	71.04	266.4	71.68	266.4	72.32	266.4	72.96	263.4	63.57
	5.0	4.1	276.3	68.10	276.3	68.70	275.1	69.34	275.1	69.98	275.1	70.62	272.4	61.71
	7.0	6.0	284.7	65.73	284.7	66.33	283.5	66.97	283.5	67.61	283.5	68.25	280.8	59.82
	9.0	7.9	285.9	63.99	285.9	64.59	284.7	65.23	284.7	65.87	284.7	66.51	282.0	57.88
11.0	9.8	285.9	62.82	285.9	63.42	284.7	64.06	284.7	64.70	284.7	65.34	282.0	55.94	
13.0	11.8	285.9	61.56	285.9	62.16	284.7	62.80	284.7	63.44	284.7	64.08	282.0	54.00	
15.0	13.7	285.9	60.18	285.9	60.78	284.7	61.42	284.7	62.06	284.7	62.70	282.0	52.06	
110	-24.8	-25	134.7	77.73	134.7	78.27	133.8	78.81	133.8	79.65	133.8	80.54	131.1	81.87
	-21.8	-22	165.9	78.99	165.9	79.53	164.7	80.07	164.7	80.91	164.7	81.80	161.7	83.13
	-19.8	-20	176.1	79.80	176.1	80.34	174.9	80.88	174.9	81.72	174.9	82.61	171.6	83.94
	-18.8	-19	180.0	80.22	180.0	80.76	178.8	81.30	178.8	82.14	178.8	82.98	175.5	82.89
	-16.7	-17	188.4	81.09	188.4	81.63	187.2	82.17	187.2	83.01	187.2	83.85	183.6	80.70
	-13.7	-15	200.1	82.32	200.1	82.86	198.9	83.40	198.9	84.24	198.9	85.08	195.6	77.58
	-11.8	-13	206.7	83.13	206.7	83.67	205.5	84.21	205.5	85.05	205.5	85.89	202.2	75.57
	-9.8	-11	213.6	83.94	213.6	84.48	212.4	85.02	212.4	85.86	212.4	86.70	209.1	73.50
	-9.5	-10	214.8	83.52	214.8	84.06	213.6	84.60	213.6	85.44	213.6	86.28	210.3	73.17
	-8.5	-9.1	219.0	82.14	219.0	82.74	217.8	83.38	217.8	84.02	217.8	84.66	214.7	72.12
	-7.0	-7.6	225.3	80.07	225.3	80.67	223.8	81.31	223.8	81.95	223.8	82.59	220.5	70.56
	-5.0	-5.6	233.4	77.31	233.4	77.91	231.9	78.55	231.9	79.19	231.9	79.83	228.6	68.46
	-3.0	-3.7	241.8	74.55	241.8	75.15	240.3	75.79	240.3	76.43	240.3	77.07	237.0	66.39
	0.0	-0.7	254.1	70.41	254.1	71.01	252.6	71.65	252.6	72.29	252.6	72.93	248.8	63.24
	3.0	2.2	266.4	66.27	266.4	66.87	264.9	67.51	264.9	68.15	264.9	68.79	261.2	60.09
	5.0	4.1	274.8	63.51	274.8	64.11	273.6	64.75	273.6	65.39	273.6	66.03	270.0	58.02
	7.0	6.0	274.8	60.75	274.8	61.35	273.6	61.99	273.6	62.63	273.6	63.27	270.0	55.92
	9.0	7.9	274.8	58.89	274.8	59.49	273.6	60.13	273.6	60.77	273.6	61.41	270.0	53.84
11.0	9.8	274.8	57.51	274.8	58.11	273.6	58.75	273.6	59.39	273.6	60.03	270.0	51.76	
13.0	11.8	274.8	56.04	274.8	56.64	273.6	57.28	273.6	57.92	273.6	58.56	270.0	49.68	
15.0	13.7	274.8	54.48	274.8	55.08	273.6	55.72	273.6	56.36	273.6	57.00	270.0	47.60	

7. Capacity Tables

Heating Capacity (72HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	134.1	86.31	134.1	85.98	133.2	80.22	133.2	85.23	133.2	84.90	130.5	84.72
	-21.8	-22	165.0	85.83	165.0	85.50	164.1	82.74	164.1	84.75	164.1	85.62	160.8	84.27
	-19.8	-20	175.2	85.50	175.2	85.20	174.3	84.33	174.3	84.42	174.3	84.51	171.0	83.94
	-18.8	-19	179.1	85.35	178.2	85.05	178.2	84.75	178.2	84.27	178.2	83.94	174.6	82.65
	-16.7	-17	186.3	85.02	186.3	84.72	186.3	85.62	185.4	83.94	185.4	81.30	181.8	79.95
	-13.7	-15	199.2	84.57	199.2	84.24	198.0	83.94	198.0	80.10	198.0	77.49	194.4	76.05
	-11.8	-13	205.8	84.27	204.6	83.94	204.6	81.39	204.6	77.67	204.6	75.06	194.4	73.59
	-9.8	-11	212.4	83.94	212.4	81.09	211.5	78.69	211.5	75.09	208.5	72.54	194.4	71.01
	-9.5	-10	213.6	83.49	213.6	80.64	212.7	78.27	212.7	74.73	208.5	72.15	194.4	70.62
	-8.5	-9.1	217.8	81.99	217.8	79.20	216.9	76.92	215.7	73.44	208.5	70.89	194.4	69.33
	-7.0	-7.6	227.7	79.77	226.8	77.07	222.9	74.91	215.7	71.52	208.5	69.00	194.4	67.38
	-5.0	-5.6	237.6	76.77	235.2	74.19	222.9	72.18	215.7	68.94	208.5	66.45	194.4	64.80
	-3.0	-3.7	244.5	73.77	237.3	71.31	222.9	69.48	215.7	66.39	208.5	63.93	194.4	62.22
	0.0	-0.7	251.4	69.30	237.3	67.02	222.9	65.43	215.7	62.52	208.5	60.12	194.4	58.35
	3.0	2.2	251.4	64.80	237.3	62.70	222.9	61.38	215.7	58.68	208.5	56.31	194.4	54.45
	5.0	4.1	251.4	61.80	237.3	59.85	222.9	58.68	215.7	56.13	208.5	53.79	194.4	51.87
	7.0	6.0	251.4	58.83	237.3	56.97	222.9	55.98	215.7	53.55	208.5	51.24	194.4	49.29
	9.0	7.9	251.4	56.76	237.3	54.96	222.9	54.03	215.7	51.69	208.5	49.44	194.4	47.55
	11.0	9.8	251.4	55.17	237.3	53.46	222.9	52.53	215.7	50.25	208.5	48.06	194.4	46.23
	13.0	11.8	251.4	53.49	237.3	51.81	222.9	50.91	215.7	48.72	208.5	46.62	194.4	44.82
15.0	13.7	251.4	51.72	237.3	50.10	222.9	49.23	215.7	47.07	208.5	45.06	194.4	43.32	
90	-24.8	-25	133.5	76.56	133.5	77.82	132.6	78.69	132.6	79.11	132.6	79.92	130.2	81.18
	-21.8	-22	164.4	77.82	164.4	79.05	163.5	79.92	163.5	80.34	163.5	81.18	160.2	77.73
	-19.8	-20	174.6	78.63	174.6	79.89	173.4	80.76	173.4	81.18	173.4	78.84	170.1	75.45
	-18.8	-19	179.1	79.05	178.2	80.31	177.3	81.18	177.3	79.98	177.3	77.67	174.0	74.31
	-16.7	-17	186.3	79.92	186.3	81.18	185.7	78.69	185.7	77.46	185.7	75.21	177.6	71.91
	-13.7	-15	199.2	81.18	199.2	77.49	197.4	75.15	197.4	73.83	191.4	71.70	177.6	68.49
	-11.8	-13	205.8	78.66	204.6	75.15	203.7	72.90	197.7	71.55	191.4	69.48	177.6	66.30
	-9.8	-11	212.4	75.99	212.4	72.72	204.0	70.53	197.7	69.15	191.4	67.14	177.6	64.02
	-9.5	-10	213.6	75.60	213.6	72.33	204.0	70.20	197.7	68.79	191.4	66.81	177.6	63.66
	-8.5	-9.1	217.8	74.28	216.3	71.10	204.0	69.00	197.7	67.59	191.4	65.64	177.6	62.52
	-7.0	-7.6	227.7	72.30	216.6	69.27	204.0	67.23	197.7	65.79	191.4	63.87	177.6	60.81
	-5.0	-5.6	230.1	69.66	216.6	66.81	204.0	64.86	197.7	63.39	191.4	61.53	177.6	58.53
	-3.0	-3.7	230.1	66.99	216.6	64.35	204.0	62.52	197.7	60.99	191.4	59.19	177.6	56.25
	0.0	-0.7	230.1	63.03	216.6	60.69	204.0	58.98	197.7	57.39	191.4	55.68	177.6	52.80
	3.0	2.2	230.1	59.04	216.6	57.00	204.0	55.41	197.7	53.76	191.4	52.20	177.6	49.38
	5.0	4.1	230.1	56.40	216.6	54.54	204.0	53.07	197.7	51.36	191.4	49.86	177.6	47.10
	7.0	6.0	230.1	53.76	216.6	52.11	204.0	50.70	197.7	48.96	191.4	47.52	177.6	44.79
	9.0	7.9	230.1	51.24	216.6	49.68	204.0	48.33	197.7	46.68	191.4	45.30	177.6	42.72
	11.0	9.8	230.1	48.75	216.6	47.25	204.0	45.96	197.7	44.40	191.4	43.08	177.6	40.62
	13.0	11.8	230.1	46.23	216.6	44.82	204.0	43.62	197.7	42.12	191.4	40.86	177.6	38.55
15.0	13.7	230.1	43.74	216.6	42.39	204.0	41.25	197.7	39.84	191.4	38.67	177.6	36.45	
80	-24.8	-25	132.9	67.38	132.9	68.61	132.0	69.48	132.0	69.90	132.0	71.97	129.6	68.97
	-21.8	-22	162.6	68.61	162.6	69.87	162.6	70.74	162.6	71.97	162.6	68.97	158.7	66.06
	-19.8	-20	172.8	69.45	172.8	70.68	172.8	71.97	172.8	69.84	170.7	66.96	158.7	64.11
	-18.8	-19	176.7	69.87	176.7	71.97	176.7	70.89	176.7	68.79	170.7	65.94	158.7	63.15
	-16.7	-17	182.4	71.97	182.4	69.75	182.4	68.64	177.0	66.54	170.7	63.84	158.7	61.11
	-13.7	-15	190.8	68.67	186.9	66.54	182.4	65.40	177.0	63.36	170.7	60.81	158.7	58.20
	-11.8	-13	195.3	66.57	189.6	64.50	182.4	63.36	177.0	61.35	170.7	58.89	158.7	56.37
	-9.8	-11	200.4	64.35	192.3	62.37	182.4	61.23	177.0	59.22	170.7	56.88	158.7	54.45
	-9.5	-10	201.9	64.02	193.5	62.04	182.4	60.90	177.0	58.89	170.7	56.58	158.7	54.15
	-8.5	-9.1	204.0	62.91	194.4	60.99	182.4	59.82	177.0	57.84	170.7	55.59	158.7	53.19
	-7.0	-7.6	206.1	61.26	194.4	59.40	182.4	58.20	177.0	56.25	170.7	54.06	158.7	51.72
	-5.0	-5.6	206.1	59.04	194.4	57.24	182.4	56.04	177.0	54.12	170.7	52.05	158.7	49.80
	-3.0	-3.7	206.1	56.82	194.4	55.11	182.4	53.91	177.0	51.99	170.7	50.04	158.7	47.85
	0.0	-0.7	206.1	53.52	194.4	51.93	182.4	50.67	177.0	48.78	170.7	47.04	158.7	44.97
	3.0	2.2	206.1	50.19	194.4	48.72	182.4	47.43	177.0	45.60	170.7	44.01	158.7	42.06
	5.0	4.1	206.1	48.00	194.4	46.59	182.4	45.30	177.0	43.47	170.7	42.00	158.7	40.11
	7.0	6.0	206.1	45.78	194.4	44.46	182.4	43.14	177.0	41.34	170.7	39.99	158.7	38.19
	9.0	7.9	206.1	42.99	194.4	41.73	182.4	40.50	177.0	38.82	170.7	37.56	158.7	35.85
	11.0	9.8	206.1	39.90	194.4	38.73	182.4	37.59	177.0	36.03	170.7	34.86	158.7	33.27
	13.0	11.8	206.1	37.23	194.4	36.15	182.4	35.10	177.0	33.63	170.7	32.52	158.7	31.05
15.0	13.7	206.1	35.07	194.4	34.05	182.4	33.03	177.0	31.65	170.7	30.63	158.7	29.25	

7. Capacity Tables

Heating Capacity (72HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	132.9	67.80	132.9	68.22	132.0	69.06	132.0	70.29	132.0	66.99	129.6	63.90
	-21.8	-22	156.3	69.06	156.3	69.45	155.4	70.29	150.0	66.99	145.5	63.90	135.9	60.90
	-19.8	-20	171.9	69.87	165.0	70.29	155.4	67.98	150.0	64.80	145.5	61.83	135.9	58.92
	-18.8	-19	174.9	70.29	165.0	69.09	155.4	66.81	150.0	63.69	145.5	60.81	135.9	57.93
	-16.7	-17	174.9	67.83	165.0	66.60	155.4	64.38	150.0	61.38	145.5	58.65	135.9	55.83
	-13.7	-15	174.9	64.29	165.0	63.00	155.4	60.93	150.0	58.08	145.5	55.56	135.9	52.83
	-11.8	-13	174.9	62.04	165.0	60.72	155.4	58.74	150.0	55.98	145.5	53.61	135.9	50.94
	-9.8	-11	174.9	59.67	165.0	58.35	155.4	56.40	150.0	53.79	145.5	51.54	135.9	48.96
	-9.5	-10	174.9	59.31	165.0	57.99	155.4	56.07	150.0	53.46	145.5	51.24	135.9	48.66
	-8.5	-9.1	174.9	58.14	165.0	56.79	155.4	54.90	150.0	52.35	145.5	50.22	135.9	47.64
	-7.0	-7.6	174.9	56.37	165.0	54.99	155.4	53.16	150.0	50.70	145.5	48.66	135.9	46.14
	-5.0	-5.6	174.9	54.03	165.0	52.59	155.4	50.85	150.0	48.51	145.5	46.59	135.9	44.16
	-3.0	-3.7	174.9	51.66	165.0	50.22	155.4	48.54	150.0	46.32	145.5	44.55	135.9	42.18
	0.0	-0.7	174.9	48.12	165.0	46.62	155.4	45.09	150.0	43.02	145.5	41.46	135.9	39.18
	3.0	2.2	174.9	44.58	165.0	43.05	155.4	41.61	150.0	39.72	145.5	38.37	135.9	36.18
	5.0	4.1	174.9	42.21	165.0	40.65	155.4	39.30	150.0	37.50	145.5	36.30	135.9	34.20
	7.0	6.0	174.9	39.87	165.0	38.25	155.4	36.99	150.0	35.31	145.5	34.23	135.9	32.19
	9.0	7.9	174.9	36.00	165.0	34.56	155.4	33.39	150.0	31.89	145.5	30.93	135.9	29.07
	11.0	9.8	174.9	33.51	165.0	32.16	155.4	31.11	150.0	29.70	145.5	28.80	135.9	27.06
	13.0	11.8	174.9	31.35	165.0	30.09	155.4	29.10	150.0	27.78	145.5	26.94	135.9	25.32
15.0	13.7	174.9	29.58	165.0	28.38	155.4	27.42	150.0	26.19	145.5	25.41	135.9	23.88	
60	-24.8	-25	132.9	66.99	132.9	67.80	132.0	69.06	128.7	65.52	124.2	62.19	116.4	59.07
	-21.8	-22	143.1	68.22	141.9	69.06	133.2	65.52	128.7	62.19	124.2	59.07	116.4	56.07
	-19.8	-20	150.0	69.06	141.9	66.54	133.2	63.15	128.7	60.00	124.2	57.00	116.4	54.03
	-18.8	-19	150.0	67.80	141.9	65.31	133.2	61.98	128.7	58.89	124.2	55.95	116.4	53.04
	-16.7	-17	150.0	65.16	141.9	62.70	133.2	59.52	128.7	56.55	124.2	53.76	116.4	50.91
	-13.7	-15	150.0	61.38	141.9	58.95	133.2	55.98	128.7	53.25	124.2	50.64	116.4	47.91
	-11.8	-13	150.0	58.98	141.9	56.58	133.2	53.73	128.7	51.15	124.2	48.66	116.4	45.99
	-9.8	-11	150.0	56.49	141.9	54.09	133.2	51.39	128.7	48.93	124.2	46.59	116.4	43.98
	-9.5	-10	150.0	56.10	141.9	53.70	133.2	51.03	128.7	48.60	124.2	46.29	116.4	43.68
	-8.5	-9.1	150.0	54.84	141.9	52.47	133.2	49.83	128.7	47.49	124.2	45.24	116.4	42.66
	-7.0	-7.6	150.0	52.95	141.9	50.58	133.2	48.09	128.7	45.84	124.2	43.68	116.4	41.16
	-5.0	-5.6	150.0	50.46	141.9	48.09	133.2	45.72	128.7	43.62	124.2	41.61	116.4	39.15
	-3.0	-3.7	150.0	47.94	141.9	45.60	133.2	43.35	128.7	41.40	124.2	39.51	116.4	37.14
	0.0	-0.7	150.0	44.16	141.9	41.85	133.2	39.84	128.7	38.10	124.2	36.39	116.4	34.11
	3.0	2.2	150.0	40.38	141.9	38.10	133.2	36.30	128.7	34.77	124.2	33.27	116.4	31.11
	5.0	4.1	150.0	37.89	141.9	35.61	133.2	33.93	128.7	32.55	124.2	31.20	116.4	29.10
	7.0	6.0	150.0	35.37	141.9	33.12	133.2	31.59	128.7	30.36	124.2	29.13	116.4	27.06
	9.0	7.9	150.0	31.56	141.9	29.55	133.2	28.17	128.7	27.09	124.2	25.98	116.4	24.15
	11.0	9.8	150.0	29.46	141.9	27.60	133.2	26.31	128.7	25.29	124.2	24.27	116.4	22.56
	13.0	11.8	150.0	27.60	141.9	25.86	133.2	24.66	128.7	23.70	124.2	22.71	116.4	21.12
15.0	13.7	150.0	26.07	141.9	24.42	133.2	23.28	128.7	22.38	124.2	21.48	116.4	19.98	
50	-24.8	-25	125.1	58.50	117.9	59.76	111.0	56.64	107.4	53.73	103.8	50.97	96.6	48.39
	-21.8	-22	125.1	59.76	117.9	56.64	111.0	53.73	107.4	50.97	103.8	48.39	96.6	45.90
	-19.8	-20	125.1	57.57	117.9	54.57	111.0	51.78	107.4	49.11	103.8	46.68	96.6	44.25
	-18.8	-19	125.1	56.49	117.9	53.52	111.0	50.79	107.4	48.18	103.8	45.81	96.6	43.41
	-16.7	-17	125.1	54.21	117.9	51.33	111.0	48.75	107.4	46.26	103.8	44.01	96.6	41.70
	-13.7	-15	125.1	50.97	117.9	48.21	111.0	45.84	107.4	43.50	103.8	41.43	96.6	39.21
	-11.8	-13	125.1	48.90	117.9	46.23	111.0	44.01	107.4	41.76	103.8	39.81	96.6	37.65
	-9.8	-11	125.1	46.74	117.9	44.16	111.0	42.06	107.4	39.90	103.8	38.10	96.6	35.97
	-9.5	-10	125.1	46.41	117.9	43.86	111.0	41.76	107.4	39.63	103.8	37.83	96.6	35.73
	-8.5	-9.1	125.1	45.33	117.9	42.81	111.0	40.80	107.4	38.70	103.8	36.99	96.6	34.92
	-7.0	-7.6	125.1	43.71	117.9	41.25	111.0	39.33	107.4	37.32	103.8	35.70	96.6	33.66
	-5.0	-5.6	125.1	41.55	117.9	39.18	111.0	37.38	107.4	35.49	103.8	33.96	96.6	32.01
	-3.0	-3.7	125.1	39.36	117.9	37.11	111.0	35.46	107.4	33.66	103.8	32.25	96.6	30.36
	0.0	-0.7	125.1	36.12	117.9	33.99	111.0	32.52	107.4	30.87	103.8	29.70	96.6	27.87
	3.0	2.2	125.1	32.85	117.9	30.87	111.0	29.61	107.4	28.11	103.8	27.12	96.6	25.41
	5.0	4.1	125.1	30.69	117.9	28.80	111.0	27.66	107.4	26.28	103.8	25.41	96.6	23.76
	7.0	6.0	125.1	28.53	117.9	26.70	111.0	25.74	107.4	24.45	103.8	23.67	96.6	22.08
	9.0	7.9	125.1	25.77	117.9	24.12	111.0	23.22	107.4	22.08	103.8	21.39	96.6	19.95
	11.0	9.8	125.1	24.09	117.9	22.56	111.0	21.75	107.4	20.64	103.8	20.01	96.6	18.66
	13.0	11.8	125.1	22.62	117.9	21.18	111.0	20.40	107.4	19.38	103.8	18.78	96.6	17.52
15.0	13.7	125.1	21.42	117.9	20.04	111.0	19.32	107.4	18.36	103.8	17.79	96.6	16.59	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

7.2.4 4 Units Combination

◆ ARUM740BTE5

Heating Capacity (74HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	142.0	75.85	142.0	76.60	141.2	77.26	141.2	78.29	141.2	79.26	138.9	80.78
	-21.8	-22	173.7	77.37	173.7	78.14	172.4	78.80	172.4	79.82	172.4	80.78	169.5	82.32
	-19.8	-20	183.5	78.40	183.5	79.15	182.3	79.82	182.3	80.84	182.3	81.81	179.3	83.33
	-18.8	-19	187.8	78.89	187.8	79.66	186.6	80.33	186.6	81.36	186.6	82.32	183.4	83.84
	-16.7	-17	196.7	79.97	196.7	80.74	195.4	81.40	195.4	82.43	195.4	83.39	192.1	84.92
	-13.7	-15	209.2	81.51	209.2	82.26	208.0	82.93	208.0	83.95	208.0	84.92	204.4	81.70
	-11.8	-13	216.0	82.47	216.0	83.24	214.8	83.91	214.8	84.92	214.8	82.74	212.2	79.63
	-9.8	-11	223.2	83.50	223.2	84.25	221.8	84.92	221.8	82.60	221.8	80.46	220.1	77.47
	-9.5	-10	224.5	83.65	224.5	84.41	223.2	84.56	223.2	82.24	222.9	80.11	221.4	77.16
	-8.5	-9.1	229.0	84.17	229.0	84.92	227.7	83.39	227.7	81.08	226.5	78.96	225.4	76.07
	-7.0	-7.6	235.8	84.92	235.8	83.17	234.2	81.60	234.2	79.34	234.2	77.23	231.9	74.45
	-5.0	-5.6	244.9	82.66	244.9	80.85	243.3	79.22	243.3	77.02	243.3	74.96	240.0	72.31
	-3.0	-3.7	253.9	80.42	253.9	78.52	252.3	76.84	252.3	74.70	252.3	72.65	248.2	70.14
	0.0	-0.7	267.4	77.03	267.4	75.04	265.7	73.27	265.7	71.19	265.7	69.21	260.1	66.90
	3.0	2.2	281.0	73.64	281.0	71.54	279.1	69.72	279.1	67.71	277.6	65.78	260.3	63.68
	5.0	4.1	289.3	71.38	289.3	69.21	287.8	67.32	286.6	65.40	279.5	63.48	260.3	61.52
	7.0	6.0	296.6	69.12	296.6	66.91	294.8	64.96	289.7	63.08	279.5	61.20	260.3	59.35
	9.0	7.9	297.9	67.27	297.9	65.10	296.9	63.21	289.7	61.36	279.5	59.55	260.3	57.75
	11.0	9.8	297.9	66.00	297.9	63.87	296.9	62.01	289.7	60.21	279.5	58.41	260.3	56.66
	13.0	11.8	297.9	64.62	297.9	62.53	296.9	60.73	289.7	58.96	279.5	57.20	260.3	55.48
15.0	13.7	297.9	63.15	297.9	61.11	296.9	59.34	289.7	57.61	279.5	55.88	260.3	54.21	
120	-24.8	-25	141.1	76.60	141.1	77.26	140.2	78.29	140.2	79.26	140.2	80.78	137.9	81.85
	-21.8	-22	172.4	78.14	172.4	78.80	171.2	79.82	171.2	80.78	171.2	82.32	168.5	83.39
	-19.8	-20	182.2	79.15	182.2	79.82	181.0	80.84	181.0	81.81	181.0	83.33	178.0	84.41
	-18.8	-19	186.4	79.66	186.4	80.33	185.1	81.36	185.1	82.32	185.1	83.84	182.1	84.92
	-16.7	-17	195.2	80.74	195.2	81.40	194.0	82.43	194.0	83.39	194.0	84.92	190.6	82.84
	-13.7	-15	207.6	82.26	207.6	82.93	206.4	83.95	206.4	84.92	206.4	81.82	202.9	79.85
	-11.8	-13	214.4	83.24	214.4	83.91	213.2	84.92	213.2	82.73	213.2	79.86	210.6	77.98
	-9.8	-11	221.6	84.25	221.6	84.92	220.3	82.50	220.3	80.41	220.3	77.80	218.6	76.00
	-9.5	-10	223.0	84.41	223.0	84.53	221.7	82.15	221.7	80.06	221.7	77.47	220.0	75.69
	-8.5	-9.1	227.5	84.92	227.5	83.26	225.9	80.93	225.9	78.90	225.9	76.45	224.0	74.70
	-7.0	-7.6	234.2	83.02	234.2	81.33	232.7	79.11	232.7	77.17	232.5	74.89	230.3	73.23
	-5.0	-5.6	243.2	80.47	243.2	78.79	241.6	76.69	241.6	74.87	241.6	72.82	238.5	71.23
	-3.0	-3.7	252.1	77.92	252.1	76.24	250.5	74.29	250.5	72.55	250.5	70.76	244.5	69.26
	0.0	-0.7	265.5	74.10	265.5	72.40	263.7	70.65	263.7	69.09	262.5	67.65	244.5	66.27
	3.0	2.2	278.9	70.29	278.9	68.56	276.3	67.03	271.5	65.63	263.0	64.55	244.5	63.31
	5.0	4.1	287.3	67.75	286.8	65.98	280.8	64.59	271.5	63.30	263.0	62.47	244.5	61.32
	7.0	6.0	294.6	65.19	292.5	63.43	280.8	62.19	271.5	60.99	263.0	60.43	244.5	59.33
	9.0	7.9	295.6	63.28	292.5	61.58	280.8	60.37	271.5	59.21	263.0	58.65	244.5	57.61
	11.0	9.8	295.6	61.93	292.5	60.26	280.8	59.06	271.5	57.93	263.0	57.39	244.5	56.36
	13.0	11.8	295.6	60.47	292.5	58.82	280.8	57.67	271.5	56.58	263.0	56.03	244.5	55.05
15.0	13.7	295.6	58.90	292.5	57.31	280.8	56.19	271.5	55.11	263.0	54.58	244.5	53.61	
110	-24.8	-25	140.4	77.26	140.4	78.29	139.5	79.26	139.5	80.78	139.5	81.85	137.1	82.36
	-21.8	-22	171.5	78.80	171.5	79.82	170.3	80.78	170.3	82.32	170.3	83.39	167.6	83.91
	-19.8	-20	181.3	79.82	181.3	80.84	180.1	81.81	180.1	83.33	180.1	84.41	177.1	84.92
	-18.8	-19	185.4	80.33	185.4	81.36	184.1	82.32	184.1	83.84	184.1	84.92	181.2	83.82
	-16.7	-17	194.2	81.40	194.2	82.43	193.0	83.39	193.0	84.92	193.0	82.67	189.6	81.51
	-13.7	-15	206.5	82.93	206.5	83.95	205.2	84.92	205.2	81.52	205.2	79.44	205.2	78.22
	-11.8	-13	213.3	83.91	213.3	84.92	212.0	82.50	212.0	79.36	212.0	77.41	212.0	76.12
	-9.8	-11	220.4	84.92	220.4	82.21	219.1	79.98	219.1	77.08	219.1	75.26	218.5	73.94
	-9.5	-10	221.7	84.47	221.7	81.80	220.5	79.61	220.5	76.73	220.5	74.95	219.7	73.60
	-8.5	-9.1	226.2	83.01	226.2	80.43	224.9	78.34	224.9	75.59	224.9	73.87	220.0	72.50
	-7.0	-7.6	233.0	80.80	233.0	78.39	231.5	76.43	231.5	73.89	231.5	72.25	220.0	70.85
	-5.0	-5.6	241.8	77.87	241.8	75.68	240.2	73.89	240.2	71.62	235.5	70.11	220.0	68.65
	-3.0	-3.7	250.7	74.93	250.7	72.95	249.0	71.35	243.8	69.35	235.5	67.97	220.0	66.46
	0.0	-0.7	264.1	70.52	263.7	68.87	251.9	67.56	243.8	65.92	235.5	64.74	220.0	63.16
	3.0	2.2	276.9	66.12	268.6	64.80	251.9	63.75	243.8	62.52	235.5	61.52	220.0	59.84
	5.0	4.1	284.1	63.18	268.6	62.06	251.9	61.21	243.8	60.25	235.5	59.37	220.0	57.66
	7.0	6.0	284.2	60.26	268.6	59.35	251.9	58.67	243.8	57.96	235.5	57.22	220.0	55.46
	9.0	7.9	284.2	58.24	268.6	57.35	251.9	56.71	243.8	56.02	235.5	55.30	220.0	53.59
	11.0	9.8	284.2	56.70	268.6	55.84	251.9	55.22	243.8	54.54	235.5	53.86	220.0	52.19
	13.0	11.8	284.2	55.06	268.6	54.24	251.9	53.64	243.8	52.97	235.5	52.30	220.0	50.69
15.0	13.7	284.2	53.33	268.6	52.53	251.9	51.95	243.8	51.30	235.5	50.65	220.0	49.09	

7. Capacity Tables

Heating Capacity (74HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	139.8	85.87	139.8	85.73	138.9	80.58	138.9	85.44	138.9	85.31	136.5	85.23
	-21.8	-22	170.6	85.68	170.6	85.54	169.7	83.11	169.7	85.24	169.7	86.32	166.7	85.05
	-19.8	-20	180.4	85.54	180.4	85.42	179.4	84.73	179.4	85.11	179.4	85.40	176.4	84.92
	-18.8	-19	184.5	85.48	183.5	85.36	183.5	85.24	183.5	85.05	183.5	84.92	180.3	83.57
	-16.7	-17	192.1	85.35	192.1	85.23	192.1	86.32	191.1	84.92	191.1	82.15	187.8	80.76
	-13.7	-15	205.5	85.17	205.5	85.04	204.3	84.92	204.3	80.90	204.3	78.19	201.1	76.71
	-11.8	-13	212.3	85.05	211.1	84.92	211.1	82.23	211.1	78.35	211.1	75.66	201.1	74.15
	-9.8	-11	219.2	84.92	219.2	81.90	218.2	79.39	218.2	75.65	215.7	73.03	201.1	71.47
	-9.5	-10	220.5	84.44	220.5	81.44	219.5	78.95	219.5	75.27	215.7	72.63	201.1	71.07
	-8.5	-9.1	225.0	82.85	225.0	79.92	224.0	77.53	223.1	73.93	215.7	71.31	201.1	69.72
	-7.0	-7.6	235.5	80.50	234.6	77.68	230.5	75.41	223.1	71.92	215.7	69.33	201.1	67.70
	-5.0	-5.6	245.7	77.33	243.3	74.64	230.5	72.56	223.1	69.22	215.7	66.68	201.1	65.02
	-3.0	-3.7	252.9	74.15	245.3	71.62	230.5	69.71	223.1	66.54	215.7	64.04	201.1	62.33
	0.0	-0.7	259.9	69.42	245.3	67.09	230.5	65.46	223.1	62.51	215.7	60.08	201.1	58.30
	3.0	2.2	259.9	64.67	245.3	62.54	230.5	61.20	223.1	58.48	215.7	56.10	201.1	54.25
	5.0	4.1	259.9	61.50	245.3	59.53	230.5	58.35	223.1	55.80	215.7	53.47	201.1	51.57
	7.0	6.0	259.9	58.34	245.3	56.50	230.5	55.52	223.1	53.11	215.7	50.82	201.1	48.88
	9.0	7.9	259.9	56.05	245.3	54.28	230.5	53.35	223.1	51.04	215.7	48.82	201.1	46.96
	11.0	9.8	259.9	54.23	245.3	52.54	230.5	51.63	223.1	49.39	215.7	47.24	201.1	45.44
	13.0	11.8	259.9	52.30	245.3	50.66	230.5	49.78	223.1	47.63	215.7	45.58	201.1	43.82
15.0	13.7	259.9	50.27	245.3	48.70	230.5	47.84	223.1	45.76	215.7	43.80	201.1	42.12	
90	-24.8	-25	139.2	76.15	139.2	77.70	138.3	78.77	138.3	79.28	138.3	80.30	136.1	81.84
	-21.8	-22	170.0	77.70	170.0	79.22	169.1	80.30	169.1	80.81	169.1	81.84	166.0	78.30
	-19.8	-20	179.8	78.71	179.8	80.25	178.6	81.33	178.6	81.84	178.6	79.43	175.6	75.95
	-18.8	-19	184.5	79.22	183.5	80.76	182.7	81.84	182.7	80.60	182.7	78.22	179.7	74.78
	-16.7	-17	192.1	80.30	192.1	81.84	191.3	79.26	191.3	77.99	191.3	75.69	183.6	72.31
	-13.7	-15	205.5	81.84	205.5	78.02	203.7	75.60	203.7	74.25	197.8	72.07	183.6	68.79
	-11.8	-13	212.3	79.22	211.1	75.59	210.2	73.28	204.4	71.89	197.8	69.78	183.6	66.54
	-9.8	-11	219.2	76.45	219.2	73.06	211.0	70.82	204.4	69.41	197.8	67.36	183.6	64.19
	-9.5	-10	220.5	76.04	220.5	72.66	211.0	70.47	204.4	69.05	197.8	67.02	183.6	63.83
	-8.5	-9.1	225.0	74.66	223.4	71.38	211.0	69.24	204.4	67.80	197.8	65.81	183.6	62.65
	-7.0	-7.6	235.5	72.61	224.0	69.48	211.0	67.40	204.4	65.94	197.8	64.00	183.6	60.90
	-5.0	-5.6	238.0	69.85	224.0	66.93	211.0	64.94	204.4	63.47	197.8	61.58	183.6	58.55
	-3.0	-3.7	238.0	67.09	224.0	64.38	211.0	62.52	204.4	60.99	197.8	59.17	183.6	56.21
	0.0	-0.7	238.0	62.96	224.0	60.58	211.0	58.85	204.4	57.26	197.8	55.55	183.6	52.66
	3.0	2.2	238.0	58.81	224.0	56.75	211.0	55.17	204.4	53.52	197.8	51.95	183.6	49.14
	5.0	4.1	238.0	56.07	224.0	54.20	211.0	52.74	204.4	51.04	197.8	49.54	183.6	46.79
	7.0	6.0	238.0	53.32	224.0	51.67	211.0	50.28	204.4	48.56	197.8	47.13	183.6	44.42
	9.0	7.9	238.0	50.71	224.0	49.17	211.0	47.83	204.4	46.20	197.8	44.83	183.6	42.28
	11.0	9.8	238.0	48.13	224.0	46.65	211.0	45.38	204.4	43.84	197.8	42.54	183.6	40.10
	13.0	11.8	238.0	45.52	224.0	44.14	211.0	42.95	204.4	41.47	197.8	40.24	183.6	37.96
15.0	13.7	238.0	42.94	224.0	41.62	211.0	40.50	204.4	39.11	197.8	37.96	183.6	35.79	
80	-24.8	-25	138.6	66.89	138.6	68.42	137.7	69.49	137.7	70.01	137.7	72.56	135.5	69.47
	-21.8	-22	168.1	68.42	168.1	69.96	168.1	71.04	168.1	72.56	168.1	69.47	164.1	66.49
	-19.8	-20	177.9	69.45	177.9	70.97	177.9	72.56	177.9	70.37	176.2	67.40	164.1	64.49
	-18.8	-19	182.0	69.96	182.0	72.56	182.0	71.45	182.0	69.28	176.4	66.36	164.1	63.49
	-16.7	-17	188.6	72.56	188.6	70.26	188.6	69.12	183.0	66.96	176.4	64.19	164.1	61.41
	-13.7	-15	197.2	69.13	193.3	66.93	188.6	65.78	183.0	63.68	176.4	61.07	164.1	58.42
	-11.8	-13	202.1	66.96	196.1	64.83	188.6	63.66	183.0	61.61	176.4	59.10	164.1	56.54
	-9.8	-11	207.4	64.66	199.0	62.63	188.6	61.46	183.0	59.42	176.4	57.04	164.1	54.56
	-9.5	-10	208.9	64.31	200.1	62.29	188.6	61.12	183.0	59.08	176.4	56.73	164.1	54.26
	-8.5	-9.1	211.1	63.16	201.0	61.20	188.6	60.01	183.0	58.00	176.4	55.71	164.1	53.27
	-7.0	-7.6	213.2	61.45	201.0	59.55	188.6	58.34	183.0	56.35	176.4	54.14	164.1	51.77
	-5.0	-5.6	213.2	59.15	201.0	57.33	188.6	56.11	183.0	54.16	176.4	52.07	164.1	49.79
	-3.0	-3.7	213.2	56.85	201.0	55.11	188.6	53.91	183.0	51.97	176.4	50.00	164.1	47.79
	0.0	-0.7	213.2	53.43	201.0	51.82	188.6	50.57	183.0	48.67	176.4	46.91	164.1	44.83
	3.0	2.2	213.2	49.98	201.0	48.51	188.6	47.22	183.0	45.39	176.4	43.80	164.1	41.85
	5.0	4.1	213.2	47.71	201.0	46.29	188.6	45.01	183.0	43.19	176.4	41.73	164.1	39.85
	7.0	6.0	213.2	45.41	201.0	44.09	188.6	42.78	183.0	41.00	176.4	39.66	164.1	37.87
	9.0	7.9	213.2	42.64	201.0	41.39	188.6	40.17	183.0	38.50	176.4	37.25	164.1	35.56
	11.0	9.8	213.2	39.57	201.0	38.41	188.6	37.28	183.0	35.74	176.4	34.57	164.1	32.99
	13.0	11.8	213.2	36.93	201.0	35.85	188.6	34.81	183.0	33.36	176.4	32.26	164.1	30.80
15.0	13.7	213.2	34.77	201.0	33.77	188.6	32.76	183.0	31.39	176.4	30.38	164.1	29.01	

7. Capacity Tables

Heating Capacity (74HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB													
			16		18		20		21		22		24			
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
70	-24.8	-25	138.6	67.65	138.6	68.16	137.7	69.19	137.7	70.72	137.7	70.72	137.7	67.34	135.4	64.20
	-21.8	-22	161.6	69.19	161.6	69.69	160.6	70.72	155.1	67.34	150.5	62.09	140.5	61.14		
	-19.8	-20	177.0	70.20	170.7	70.72	160.6	68.35	155.1	65.11	150.5	62.09	140.5	59.12		
	-18.8	-19	180.6	70.72	170.7	69.49	160.6	67.16	155.1	63.98	150.5	61.04	140.5	58.12		
	-16.7	-17	180.8	68.19	170.7	66.93	160.6	64.68	155.1	61.62	150.5	58.85	140.5	55.98		
	-13.7	-15	180.8	64.56	170.7	63.26	160.6	61.14	155.1	58.25	150.5	55.69	140.5	52.93		
	-11.8	-13	180.8	62.25	170.7	60.93	160.6	58.91	155.1	56.11	150.5	53.70	140.5	51.00		
	-9.8	-11	180.8	59.83	170.7	58.49	160.6	56.53	155.1	53.88	150.5	51.59	140.5	48.99		
	-9.5	-10	180.8	59.47	170.7	58.13	160.6	56.18	155.1	53.54	150.5	51.29	140.5	48.68		
	-8.5	-9.1	180.8	58.27	170.7	56.90	160.6	54.99	155.1	52.41	150.5	50.24	140.5	47.65		
	-7.0	-7.6	180.8	56.45	170.7	55.06	160.6	53.21	155.1	50.72	150.5	48.65	140.5	46.12		
	-5.0	-5.6	180.8	54.05	170.7	52.61	160.6	50.85	155.1	48.49	150.5	46.55	140.5	44.11		
	-3.0	-3.7	180.8	51.62	170.7	50.18	160.6	48.49	155.1	46.25	150.5	44.47	140.5	42.09		
	0.0	-0.7	180.8	48.00	170.7	46.50	160.6	44.96	155.1	42.88	150.5	41.31	140.5	39.03		
	3.0	2.2	180.8	44.37	170.7	42.85	160.6	41.41	155.1	39.52	150.5	38.17	140.5	35.99		
	5.0	4.1	180.8	41.95	170.7	40.39	160.6	39.04	155.1	37.25	150.5	36.06	140.5	33.97		
	7.0	6.0	180.8	39.54	170.7	37.94	160.6	36.68	155.1	35.02	150.5	33.96	140.5	31.93		
	9.0	7.9	180.8	35.70	170.7	34.27	160.6	33.12	155.1	31.62	150.5	30.67	140.5	28.83		
	11.0	9.8	180.8	33.24	170.7	31.90	160.6	30.85	155.1	29.45	150.5	28.56	140.5	26.84		
	13.0	11.8	180.8	31.10	170.7	29.84	160.6	28.86	155.1	27.55	150.5	26.72	140.5	25.12		
15.0	13.7	180.8	29.33	170.7	28.14	160.6	27.19	155.1	25.97	150.5	25.20	140.5	23.69			
60	-24.8	-25	137.8	66.64	137.8	67.65	136.9	69.19	133.1	65.62	128.5	62.26	120.3	59.11		
	-21.8	-22	148.1	68.16	146.8	69.19	137.7	65.62	133.1	62.26	128.5	59.11	120.3	56.07		
	-19.8	-20	155.1	69.19	146.8	66.65	137.7	63.23	133.1	60.03	128.5	57.01	120.3	54.02		
	-18.8	-19	155.1	67.91	146.8	65.40	137.7	62.04	133.1	58.92	128.5	55.96	120.3	53.03		
	-16.7	-17	155.1	65.24	146.8	62.75	137.7	59.55	133.1	56.56	128.5	53.75	120.3	50.89		
	-13.7	-15	155.1	61.41	146.8	58.97	137.7	55.97	133.1	53.22	128.5	50.60	120.3	47.85		
	-11.8	-13	155.1	58.99	146.8	56.57	137.7	53.70	133.1	51.10	128.5	48.61	120.3	45.92		
	-9.8	-11	155.1	56.46	146.8	54.05	137.7	51.33	133.1	48.87	128.5	46.51	120.3	43.89		
	-9.5	-10	155.1	56.08	146.8	53.67	137.7	50.97	133.1	48.53	128.5	46.20	120.3	43.59		
	-8.5	-9.1	155.1	54.80	146.8	52.42	137.7	49.77	133.1	47.41	128.5	45.15	120.3	42.57		
	-7.0	-7.6	155.1	52.89	146.8	50.51	137.7	47.99	133.1	45.74	128.5	43.57	120.3	41.05		
	-5.0	-5.6	155.1	50.36	146.8	47.99	137.7	45.61	133.1	43.50	128.5	41.48	120.3	39.02		
	-3.0	-3.7	155.1	47.80	146.8	45.47	137.7	43.22	133.1	41.27	128.5	39.37	120.3	36.99		
	0.0	-0.7	155.1	43.98	146.8	41.68	137.7	39.67	133.1	37.93	128.5	36.22	120.3	33.95		
	3.0	2.2	155.1	40.15	146.8	37.88	137.7	36.09	133.1	34.57	128.5	33.07	120.3	30.92		
	5.0	4.1	155.1	37.63	146.8	35.37	137.7	33.70	133.1	32.32	128.5	30.98	120.3	28.89		
	7.0	6.0	155.1	35.08	146.8	32.85	137.7	31.33	133.1	30.11	128.5	28.89	120.3	26.84		
	9.0	7.9	155.1	31.29	146.8	29.31	137.7	27.94	133.1	26.86	128.5	25.76	120.3	23.96		
	11.0	9.8	155.1	29.22	146.8	27.37	137.7	26.09	133.1	25.08	128.5	24.06	120.3	22.37		
	13.0	11.8	155.1	27.37	146.8	25.64	137.7	24.45	133.1	23.50	128.5	22.53	120.3	20.95		
15.0	13.7	155.1	25.86	146.8	24.23	137.7	23.09	133.1	22.20	128.5	21.31	120.3	19.81			
50	-24.8	-25	129.4	58.70	122.0	60.24	114.7	57.05	111.0	54.09	107.3	51.28	99.9	48.64		
	-21.8	-22	129.4	60.24	122.0	57.05	114.7	54.09	111.0	51.28	107.3	48.64	99.9	46.12		
	-19.8	-20	129.4	58.01	122.0	54.94	114.7	52.10	111.0	49.39	107.3	46.91	99.9	44.44		
	-18.8	-19	129.4	56.90	122.0	53.88	114.7	51.10	111.0	48.44	107.3	46.02	99.9	43.59		
	-16.7	-17	129.4	54.57	122.0	51.63	114.7	49.01	111.0	46.47	107.3	44.19	99.9	41.84		
	-13.7	-15	129.4	51.26	122.0	48.45	114.7	46.04	111.0	43.67	107.3	41.57	99.9	39.32		
	-11.8	-13	129.4	49.14	122.0	46.43	114.7	44.17	111.0	41.88	107.3	39.92	99.9	37.73		
	-9.8	-11	129.4	46.93	122.0	44.32	114.7	42.18	111.0	40.00	107.3	38.17	99.9	36.03		
	-9.5	-10	129.4	46.59	122.0	44.00	114.7	41.88	111.0	39.72	107.3	37.90	99.9	35.78		
	-8.5	-9.1	129.4	45.49	122.0	42.94	114.7	40.89	111.0	38.78	107.3	37.04	99.9	34.95		
	-7.0	-7.6	129.4	43.82	122.0	41.35	114.7	39.40	111.0	37.37	107.3	35.73	99.9	33.67		
	-5.0	-5.6	129.4	41.62	122.0	39.22	114.7	37.41	111.0	35.50	107.3	33.96	99.9	32.00		
	-3.0	-3.7	129.4	39.38	122.0	37.11	114.7	35.44	111.0	33.63	107.3	32.22	99.9	30.32		
	0.0	-0.7	129.4	36.06	122.0	33.92	114.7	32.45	111.0	30.79	107.3	29.61	99.9	27.79		
	3.0	2.2	129.4	32.72	122.0	30.74	114.7	29.48	111.0	27.99	107.3	26.99	99.9	25.28		
	5.0	4.1	129.4	30.51	122.0	28.62	114.7	27.49	111.0	26.12	107.3	25.24	99.9	23.60		
	7.0	6.0	129.4	28.29	122.0	26.49	114.7	25.53	111.0	24.25	107.3	23.48	99.9	21.91		
	9.0	7.9	129.4	25.55	122.0	23.92	114.7	23.03	111.0	21.89	107.3	21.21	99.9	19.78		
	11.0	9.8	129.4	23.90	122.0	22.38	114.7	21.56	111.0	20.48	107.3	19.84	99.9	18.51		
	13.0	11.8	129.4	22.43	122.0	21.01	114.7	20.23	111.0	19.22	107.3	18.63	99.9	17.38		
15.0	13.7	129.4	21.24	122.0	19.88	114.7	19.16	111.0	18.20	107.3	17.64	99.9	16.45			

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM760BTE5

Heating Capacity (76HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	143.4	76.96	143.4	77.85	142.5	78.62	142.5	79.83	142.5	80.96	140.8	82.75
	-21.8	-22	175.6	78.75	175.6	79.65	174.4	80.43	174.4	81.62	174.4	82.75	172.1	84.56
	-19.8	-20	185.7	79.95	185.7	80.83	184.5	81.62	184.5	82.82	184.5	83.96	182.2	85.74
	-18.8	-19	190.2	80.53	190.2	81.44	189.0	82.22	189.0	83.42	189.0	84.56	186.5	86.34
	-16.7	-17	199.3	81.79	199.3	82.70	198.1	83.47	198.1	84.69	198.1	85.81	195.5	87.60
	-13.7	-15	212.3	83.60	212.3	84.48	211.0	85.27	211.0	86.47	211.0	87.60	208.2	84.34
	-11.8	-13	219.3	84.73	219.3	85.64	218.0	86.42	218.0	87.60	218.0	88.74	216.0	82.25
	-9.8	-11	226.7	85.94	226.7	86.82	225.3	87.60	225.3	88.74	225.3	89.87	223.9	80.06
	-9.5	-10	228.2	86.11	228.2	87.00	226.9	87.24	226.9	88.40	226.9	89.74	225.1	79.74
	-8.5	-9.1	233.8	86.72	233.8	87.60	232.5	88.06	232.5	89.53	232.5	91.00	229.1	78.63
	-7.0	-7.6	242.3	87.60	242.3	88.55	240.6	89.27	240.6	90.84	240.6	92.46	236.8	76.99
	-5.0	-5.6	253.5	88.35	253.5	89.32	251.8	90.18	251.8	91.84	251.8	93.56	245.2	74.82
	-3.0	-3.7	264.7	89.12	264.7	90.19	263.0	91.07	263.0	92.80	263.0	94.52	253.7	72.63
	0.0	-0.7	281.4	90.74	281.4	92.70	279.5	94.88	278.4	97.75	276.2	100.72	266.4	69.34
	3.0	2.2	292.7	93.36	292.7	96.19	291.0	99.31	289.4	102.24	285.7	105.24	267.4	66.08
	5.0	4.1	299.4	94.10	299.4	97.16	298.0	100.90	295.2	103.90	287.1	107.62	267.4	63.89
	7.0	6.0	305.0	94.85	305.0	98.55	303.4	102.52	297.6	106.56	287.1	110.61	267.4	61.70
9.0	7.9	306.0	95.01	306.0	98.75	305.0	102.58	297.6	106.86	287.1	110.98	267.4	60.10	
11.0	9.8	306.0	95.01	306.0	98.75	305.0	102.58	297.6	106.86	287.1	110.98	267.4	59.05	
13.0	11.8	306.0	95.01	306.0	98.75	305.0	102.58	297.6	106.86	287.1	110.98	267.4	57.90	
15.0	13.7	306.0	95.01	306.0	98.75	305.0	102.58	297.6	106.86	287.1	110.98	267.4	56.66	
120	-24.8	-25	142.5	77.85	142.5	78.62	141.5	79.83	141.5	80.96	141.5	82.75	139.8	84.01
	-21.8	-22	174.4	79.65	174.4	80.43	173.2	81.62	173.2	82.75	173.2	84.56	171.1	85.81
	-19.8	-20	184.5	80.83	184.5	81.62	183.2	82.82	183.2	83.96	183.2	85.74	180.9	87.00
	-18.8	-19	188.7	81.44	188.7	82.22	187.5	83.42	187.5	84.56	187.5	86.34	185.2	87.60
	-16.7	-17	197.8	82.70	197.8	83.47	196.6	84.69	196.6	85.81	196.6	87.60	194.0	85.50
	-13.7	-15	210.7	84.48	210.7	85.27	209.4	86.47	209.4	87.60	209.4	88.74	206.7	82.47
	-11.8	-13	217.7	85.64	217.7	86.42	216.4	87.60	216.4	88.74	216.4	90.87	214.4	80.57
	-9.8	-11	225.0	86.82	225.0	87.60	223.7	88.51	223.7	89.65	223.7	91.84	222.3	78.57
	-9.5	-10	226.7	87.00	226.7	87.22	225.4	88.41	225.4	89.65	225.4	90.87	224.0	78.25
	-8.5	-9.1	232.3	87.60	232.3	88.54	230.7	89.58	230.7	91.00	230.2	92.46	228.6	77.25
	-7.0	-7.6	240.6	88.70	240.6	89.99	239.1	91.74	239.1	93.27	237.0	94.45	235.1	75.76
	-5.0	-5.6	251.8	89.13	251.8	90.42	250.1	91.30	250.1	92.84	250.1	94.45	243.6	73.73
	-3.0	-3.7	262.7	90.57	262.7	91.85	261.1	93.66	261.1	95.09	260.2	97.27	250.5	71.73
	0.0	-0.7	279.4	93.73	278.9	94.98	274.9	97.19	272.9	99.59	269.8	102.12	251.1	68.71
	3.0	2.2	290.5	96.89	289.8	97.11	285.1	99.53	278.9	102.09	270.2	105.98	251.1	65.70
	5.0	4.1	297.3	97.33	296.1	98.50	288.5	100.07	278.9	102.73	270.2	106.88	251.1	63.69
	7.0	6.0	302.9	97.76	300.5	99.93	288.5	101.64	278.9	103.40	270.2	107.81	251.1	61.67
9.0	7.9	303.7	97.85	300.5	99.08	288.5	101.82	278.9	103.61	270.2	108.03	251.1	59.95	
11.0	9.8	303.7	97.85	300.5	99.08	288.5	101.82	278.9	103.61	270.2	108.03	251.1	58.73	
13.0	11.8	303.7	97.85	300.5	99.08	288.5	101.82	278.9	103.61	270.2	108.03	251.1	57.43	
15.0	13.7	303.7	97.85	300.5	99.08	288.5	101.82	278.9	103.61	270.2	108.03	251.1	56.02	
110	-24.8	-25	141.7	78.62	141.7	79.83	140.9	80.96	140.9	82.75	140.9	84.01	139.0	84.61
	-21.8	-22	173.5	80.43	173.5	81.62	172.3	82.75	172.3	84.56	172.3	85.81	170.2	86.42
	-19.8	-20	183.5	81.62	183.5	82.82	182.3	83.96	182.3	85.74	182.3	87.00	179.9	87.60
	-18.8	-19	187.7	82.22	187.7	83.42	186.5	84.56	186.5	86.34	186.5	87.60	184.2	86.48
	-16.7	-17	196.8	83.47	196.8	84.69	195.6	85.81	195.6	87.60	195.6	89.87	193.0	84.13
	-13.7	-15	209.6	85.27	209.6	86.47	208.2	87.60	208.2	88.74	208.2	90.87	208.2	80.79
	-11.8	-13	216.5	86.42	216.5	87.60	215.2	88.74	215.2	89.87	215.2	91.99	215.2	78.65
	-9.8	-11	223.8	87.60	223.8	88.74	222.5	89.87	222.5	91.00	222.5	92.12	221.9	76.43
	-9.5	-10	225.4	87.15	225.4	88.44	224.2	89.65	224.2	90.87	224.2	92.12	223.6	76.09
	-8.5	-9.1	231.0	88.67	231.0	89.86	229.6	91.00	229.6	92.12	229.3	93.27	225.4	74.97
	-7.0	-7.6	239.3	89.83	239.3	91.02	237.8	92.12	237.8	93.27	236.3	94.45	226.0	73.30
	-5.0	-5.6	250.3	90.47	250.3	91.66	248.6	93.27	247.6	94.45	241.0	96.54	226.0	71.06
	-3.0	-3.7	261.3	91.49	261.3	92.67	256.6	94.88	255.5	96.54	241.9	99.63	226.0	68.84
	0.0	-0.7	275.9	93.03	272.1	94.34	258.8	97.00	255.5	98.33	241.9	102.72	226.0	65.48
	3.0	2.2	286.3	94.57	275.9	96.21	258.8	98.14	255.5	99.63	241.9	103.87	226.0	62.11
	5.0	4.1	291.9	95.60	275.9	97.44	258.8	99.56	255.5	100.77	241.9	105.02	226.0	59.89
	7.0	6.0	291.9	95.60	275.9	97.44	258.8	99.56	255.5	100.77	241.9	105.02	226.0	57.65
9.0	7.9	291.9	95.60	275.9	97.44	258.8	99.56	255.5	100.77	241.9	105.02	226.0	55.77	
11.0	9.8	291.9	95.60	275.9	97.44	258.8	99.56	255.5	100.77	241.9	105.02	226.0	54.38	
13.0	11.8	291.9	95.60	275.9	97.44	258.8	99.56	255.5	100.77	241.9	105.02	226.0	52.88	
15.0	13.7	291.9	95.60	275.9	97.44	258.8	99.56	255.5	100.77	241.9	105.02	226.0	51.29	

7. Capacity Tables

Heating Capacity (76HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	141.1	87.38	141.1	87.40	140.2	82.65	140.2	87.49	140.2	87.53	138.3	87.52
	-21.8	-22	172.5	87.43	172.5	87.44	171.6	85.25	171.6	87.53	171.6	88.79	169.2	87.58
	-19.8	-20	182.6	87.44	182.6	87.48	181.6	86.92	181.6	87.55	181.6	88.01	179.3	87.60
	-18.8	-19	186.9	87.46	185.8	87.50	185.8	87.53	185.8	87.57	185.8	87.60	183.3	86.23
	-16.7	-17	194.7	87.49	194.7	87.53	194.7	88.79	193.7	87.60	193.7	84.78	191.1	83.36
	-13.7	-15	208.6	87.55	208.6	87.58	207.3	87.60	207.3	83.51	207.3	80.74	204.8	79.22
	-11.8	-13	215.5	87.58	214.3	87.60	214.3	84.87	214.3	80.91	214.3	78.16	206.3	76.61
	-9.8	-11	222.5	87.60	222.5	84.54	221.6	81.99	221.6	78.17	219.6	75.47	206.5	73.87
	-9.5	-10	224.2	87.12	224.2	84.07	223.2	81.54	223.2	77.78	220.2	75.07	206.5	73.46
	-8.5	-9.1	229.7	85.51	229.7	82.53	228.7	80.09	229.2	76.41	221.6	73.72	206.5	72.09
	-7.0	-7.6	241.9	83.12	241.0	80.25	236.8	77.94	229.2	74.36	221.6	71.70	206.5	70.02
	-5.0	-5.6	252.5	79.91	249.9	77.16	236.8	75.03	229.2	71.61	221.6	69.00	206.5	67.29
	-3.0	-3.7	259.8	76.68	252.0	74.09	236.8	72.14	229.2	68.88	221.6	66.31	206.5	64.54
	0.0	-0.7	267.1	71.88	252.0	69.49	236.8	67.82	229.2	64.77	221.6	62.27	206.5	60.42
	3.0	2.2	267.1	67.06	252.0	64.87	236.8	63.48	229.2	60.68	221.6	58.21	206.5	56.29
	5.0	4.1	267.1	63.85	252.0	61.81	236.8	60.59	229.2	57.95	221.6	55.53	206.5	53.55
	7.0	6.0	267.1	60.64	252.0	58.73	236.8	57.71	229.2	55.21	221.6	52.82	206.5	50.81
	9.0	7.9	267.1	58.29	252.0	56.45	236.8	55.48	229.2	53.08	221.6	50.78	206.5	48.83
	11.0	9.8	267.1	56.43	252.0	54.67	236.8	53.72	229.2	51.39	221.6	49.16	206.5	47.28
	13.0	11.8	267.1	54.45	252.0	52.74	236.8	51.83	229.2	49.59	221.6	47.45	206.5	45.62
15.0	13.7	267.1	52.38	252.0	50.73	236.8	49.85	229.2	47.67	221.6	45.63	206.5	43.88	
90	-24.8	-25	140.5	77.52	140.5	79.33	139.6	80.58	139.6	81.18	139.6	82.38	137.9	84.18
	-21.8	-22	171.9	79.33	171.9	81.12	171.0	82.38	171.0	82.98	171.0	84.18	168.6	80.59
	-19.8	-20	182.0	80.51	182.0	82.32	180.7	83.58	180.7	84.18	180.7	81.74	178.4	78.20
	-18.8	-19	186.9	81.12	185.8	82.92	185.0	84.18	185.0	82.93	185.0	80.51	182.7	77.01
	-16.7	-17	194.7	82.38	194.7	84.18	193.9	81.58	193.9	80.28	193.9	77.95	187.7	74.50
	-13.7	-15	208.6	84.18	208.6	80.32	206.7	77.87	206.7	76.50	202.1	74.28	188.7	70.93
	-11.8	-13	215.5	81.54	214.3	77.87	213.4	75.52	208.8	74.11	203.2	71.96	188.7	68.64
	-9.8	-11	222.5	78.75	222.5	75.31	215.6	73.04	210.0	71.60	203.2	69.50	188.7	66.25
	-9.5	-10	224.2	78.33	224.2	74.91	216.2	72.68	210.0	71.23	203.2	69.16	188.7	65.89
	-8.5	-9.1	229.7	76.94	228.1	73.62	216.7	71.43	210.0	69.96	203.2	67.93	188.7	64.69
	-7.0	-7.6	241.9	74.87	230.1	71.70	216.7	69.58	210.0	68.08	203.2	66.09	188.7	62.91
	-5.0	-5.6	244.5	72.09	230.1	69.13	216.7	67.09	210.0	65.57	203.2	63.64	188.7	60.52
	-3.0	-3.7	244.5	69.30	230.1	66.55	216.7	64.64	210.0	63.06	203.2	61.19	188.7	58.14
	0.0	-0.7	244.5	65.15	230.1	62.71	216.7	60.94	210.0	59.29	203.2	57.52	188.7	54.54
	3.0	2.2	244.5	60.96	230.1	58.84	216.7	57.21	210.0	55.50	203.2	53.87	188.7	50.97
	5.0	4.1	244.5	58.19	230.1	56.27	216.7	54.75	210.0	52.99	203.2	51.43	188.7	48.58
	7.0	6.0	244.5	55.42	230.1	53.71	216.7	52.26	210.0	50.48	203.2	48.99	188.7	46.18
	9.0	7.9	244.5	52.78	230.1	51.18	216.7	49.78	210.0	48.09	203.2	46.67	188.7	44.01
	11.0	9.8	244.5	50.18	230.1	48.63	216.7	47.31	210.0	45.70	203.2	44.34	188.7	41.81
	13.0	11.8	244.5	47.54	230.1	46.09	216.7	44.85	210.0	43.31	203.2	42.02	188.7	39.64
15.0	13.7	244.5	44.93	230.1	43.54	216.7	42.37	210.0	40.92	203.2	39.72	188.7	37.44	
80	-24.8	-25	139.9	67.99	139.9	69.79	139.0	71.04	139.0	71.65	139.0	74.63	137.3	71.50
	-21.8	-22	170.0	69.79	170.0	71.59	170.0	72.85	170.0	74.63	170.0	71.50	166.8	68.46
	-19.8	-20	180.1	70.99	180.1	72.77	180.1	74.63	180.1	72.41	178.7	69.39	168.6	66.43
	-18.8	-19	184.3	71.59	184.3	74.63	184.3	73.51	184.3	71.30	179.8	68.34	168.6	65.42
	-16.7	-17	191.7	74.63	191.7	72.31	191.7	71.15	187.2	68.96	181.3	66.13	168.6	63.30
	-13.7	-15	202.6	71.17	198.6	68.94	193.8	67.77	188.0	65.63	181.3	62.97	168.6	60.26
	-11.8	-13	207.6	68.97	201.5	66.81	193.8	65.62	188.0	63.53	181.3	60.97	168.6	58.35
	-9.8	-11	212.7	66.65	204.2	64.58	193.8	63.39	188.0	61.30	181.3	58.88	168.6	56.34
	-9.5	-10	214.2	66.30	205.4	64.24	193.8	63.05	188.0	60.96	181.3	58.56	168.6	56.03
	-8.5	-9.1	216.6	65.14	206.5	63.14	193.8	61.92	188.0	59.86	181.3	57.52	168.6	55.02
	-7.0	-7.6	219.0	63.41	206.5	61.47	193.8	60.23	188.0	58.19	181.3	55.93	168.6	53.49
	-5.0	-5.6	219.0	61.08	206.5	59.22	193.8	57.97	188.0	55.97	181.3	53.83	168.6	51.48
	-3.0	-3.7	219.0	58.76	206.5	56.98	193.8	55.74	188.0	53.75	181.3	51.73	168.6	49.45
	0.0	-0.7	219.0	55.30	206.5	53.65	193.8	52.36	188.0	50.40	181.3	48.59	168.6	46.44
	3.0	2.2	219.0	51.82	206.5	50.30	193.8	48.96	188.0	47.07	181.3	45.43	168.6	43.41
	5.0	4.1	219.0	49.52	206.5	48.06	193.8	46.73	188.0	44.84	181.3	43.33	168.6	41.38
	7.0	6.0	219.0	47.20	206.5	45.83	193.8	44.47	188.0	42.62	181.3	41.22	168.6	39.37
	9.0	7.9	219.0	44.32	206.5	43.03	193.8	41.76	188.0	40.02	181.3	38.72	168.6	36.96
	11.0	9.8	219.0	41.13	206.5	39.93	193.8	38.75	188.0	37.15	181.3	35.93	168.6	34.29
	13.0	11.8	219.0	38.38	206.5	37.27	193.8	36.18	188.0	34.67	181.3	33.53	168.6	32.01
15.0	13.7	219.0	36.15	206.5	35.10	193.8	34.05	188.0	32.63	181.3	31.58	168.6	30.15	

7. Capacity Tables

Heating Capacity (76HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	139.9	68.95	139.9	69.55	139.0	70.76	139.0	72.55	139.0	69.14	137.2	65.95
	-21.8	-22	164.8	70.76	165.1	71.35	164.0	72.55	159.3	69.14	154.6	65.95	144.3	62.85
	-19.8	-20	179.4	71.95	174.2	72.55	165.0	70.16	159.3	66.87	154.6	63.81	144.3	60.80
	-18.8	-19	183.1	72.55	175.1	71.31	165.0	68.96	159.3	65.73	154.6	62.75	144.3	59.77
	-16.7	-17	185.4	70.00	175.3	68.73	165.0	66.44	159.3	63.34	154.6	60.52	144.3	57.60
	-13.7	-15	185.7	66.34	175.3	65.02	165.0	62.87	159.3	59.93	154.6	57.33	144.3	54.51
	-11.8	-13	185.7	64.01	175.3	62.66	165.0	60.61	159.3	57.76	154.6	55.31	144.3	52.55
	-9.8	-11	185.7	61.57	175.3	60.20	165.0	58.20	159.3	55.50	154.6	53.17	144.3	50.50
	-9.5	-10	185.7	61.20	175.3	59.83	165.0	57.85	159.3	55.15	154.6	52.86	144.3	50.20
	-8.5	-9.1	185.7	59.99	175.3	58.60	165.0	56.64	159.3	54.01	154.6	51.80	144.3	49.15
	-7.0	-7.6	185.7	58.16	175.3	56.73	165.0	54.85	159.3	52.30	154.6	50.19	144.3	47.60
	-5.0	-5.6	185.7	55.73	175.3	54.26	165.0	52.46	159.3	50.04	154.6	48.07	144.3	45.55
	-3.0	-3.7	185.7	53.29	175.3	51.81	165.0	50.08	159.3	47.78	154.6	45.95	144.3	43.50
	0.0	-0.7	185.7	49.63	175.3	48.09	165.0	46.50	159.3	44.36	154.6	42.75	144.3	40.40
	3.0	2.2	185.7	45.98	175.3	44.39	165.0	42.91	159.3	40.96	154.6	39.56	144.3	37.31
	5.0	4.1	185.7	43.53	175.3	41.91	165.0	40.52	159.3	38.66	154.6	37.43	144.3	35.26
	7.0	6.0	185.7	41.10	175.3	39.44	165.0	38.13	159.3	36.40	154.6	35.30	144.3	33.19
	9.0	7.9	185.7	37.11	175.3	35.63	165.0	34.42	159.3	32.87	154.6	31.88	144.3	29.97
	11.0	9.8	185.7	34.55	175.3	33.15	165.0	32.07	159.3	30.61	154.6	29.69	144.3	27.90
	13.0	11.8	185.7	32.33	175.3	31.02	165.0	30.00	159.3	28.63	154.6	27.77	144.3	26.11
15.0	13.7	185.7	30.48	175.3	29.25	165.0	28.27	159.3	27.00	154.6	26.19	144.3	24.62	
60	-24.8	-25	139.3	67.77	139.3	68.95	138.4	70.76	135.4	67.16	131.7	63.76	123.6	60.58
	-21.8	-22	151.2	69.55	150.8	70.76	141.5	67.16	136.7	63.76	132.0	60.58	123.6	57.51
	-19.8	-20	159.3	70.76	150.8	68.20	141.5	64.75	136.7	61.52	132.0	58.46	123.6	55.43
	-18.8	-19	159.3	69.48	150.8	66.94	141.5	63.55	136.7	60.39	132.0	57.39	123.6	54.42
	-16.7	-17	159.3	66.79	150.8	64.28	141.5	61.03	136.7	58.01	132.0	55.16	123.6	52.26
	-13.7	-15	159.3	62.94	150.8	60.46	141.5	57.42	136.7	54.64	132.0	51.98	123.6	49.18
	-11.8	-13	159.3	60.50	150.8	58.04	141.5	55.13	136.7	52.49	132.0	49.96	123.6	47.22
	-9.8	-11	159.3	57.96	150.8	55.51	141.5	52.74	136.7	50.24	132.0	47.84	123.6	45.17
	-9.5	-10	159.3	57.57	150.8	55.12	141.5	52.38	136.7	49.90	132.0	47.53	123.6	44.86
	-8.5	-9.1	159.3	56.29	150.8	53.86	141.5	51.17	136.7	48.77	132.0	46.47	123.6	43.83
	-7.0	-7.6	159.3	54.37	150.8	51.94	141.5	49.38	136.7	47.09	132.0	44.87	123.6	42.29
	-5.0	-5.6	159.3	51.83	150.8	49.40	141.5	46.97	136.7	44.82	132.0	42.76	123.6	40.24
	-3.0	-3.7	159.3	49.26	150.8	46.86	141.5	44.56	136.7	42.56	132.0	40.62	123.6	38.18
	0.0	-0.7	159.3	45.41	150.8	43.04	141.5	40.98	136.7	39.19	132.0	37.44	123.6	35.10
	3.0	2.2	159.3	41.56	150.8	39.22	141.5	37.37	136.7	35.80	132.0	34.25	123.6	32.03
	5.0	4.1	159.3	39.02	150.8	36.69	141.5	34.96	136.7	33.53	132.0	32.14	123.6	29.97
	7.0	6.0	159.3	36.46	150.8	34.14	141.5	32.57	136.7	31.30	132.0	30.03	123.6	27.90
	9.0	7.9	159.3	32.53	150.8	30.46	141.5	29.04	136.7	27.92	132.0	26.78	123.6	24.90
	11.0	9.8	159.3	30.37	150.8	28.45	141.5	27.12	136.7	26.07	132.0	25.01	123.6	23.25
	13.0	11.8	159.3	28.45	150.8	26.65	141.5	25.42	136.7	24.43	132.0	23.42	123.6	21.78
15.0	13.7	159.3	26.88	150.8	25.18	141.5	24.00	136.7	23.07	132.0	22.15	123.6	20.60	
50	-24.8	-25	132.9	60.16	125.3	61.97	117.9	58.71	114.1	55.69	110.3	52.81	102.7	50.12
	-21.8	-22	132.9	61.97	125.3	58.71	117.9	55.69	114.1	52.81	110.3	50.12	102.7	47.54
	-19.8	-20	132.9	59.70	125.3	56.56	117.9	53.66	114.1	50.88	110.3	48.35	102.7	45.83
	-18.8	-19	132.9	58.56	125.3	55.47	117.9	52.63	114.1	49.92	110.3	47.44	102.7	44.96
	-16.7	-17	132.9	56.19	125.3	53.18	117.9	50.51	114.1	47.91	110.3	45.57	102.7	43.17
	-13.7	-15	132.9	52.81	125.3	49.94	117.9	47.47	114.1	45.04	110.3	42.89	102.7	40.58
	-11.8	-13	132.9	50.65	125.3	47.88	117.9	45.56	114.1	43.22	110.3	41.20	102.7	38.95
	-9.8	-11	132.9	48.40	125.3	45.72	117.9	43.53	114.1	41.30	110.3	39.42	102.7	37.22
	-9.5	-10	132.9	48.06	125.3	45.40	117.9	43.22	114.1	41.01	110.3	39.14	102.7	36.97
	-8.5	-9.1	132.9	46.93	125.3	44.31	117.9	42.22	114.1	40.05	110.3	38.26	102.7	36.11
	-7.0	-7.6	132.9	45.24	125.3	42.69	117.9	40.69	114.1	38.61	110.3	36.92	102.7	34.81
	-5.0	-5.6	132.9	42.99	125.3	40.52	117.9	38.66	114.1	36.70	110.3	35.12	102.7	33.09
	-3.0	-3.7	132.9	40.70	125.3	38.37	117.9	36.65	114.1	34.79	110.3	33.34	102.7	31.38
	0.0	-0.7	132.9	37.33	125.3	35.11	117.9	33.60	114.1	31.89	110.3	30.67	102.7	28.78
	3.0	2.2	132.9	33.92	125.3	31.87	117.9	30.56	114.1	29.03	110.3	27.99	102.7	26.22
	5.0	4.1	132.9	31.67	125.3	29.71	117.9	28.53	114.1	27.11	110.3	26.20	102.7	24.51
	7.0	6.0	132.9	29.41	125.3	27.53	117.9	26.54	114.1	25.20	110.3	24.41	102.7	22.77
	9.0	7.9	132.9	26.56	125.3	24.86	117.9	23.94	114.1	22.76	110.3	22.05	102.7	20.56
	11.0	9.8	132.9	24.84	125.3	23.26	117.9	22.41	114.1	21.29	110.3	20.63	102.7	19.24
	13.0	11.8	132.9	23.32	125.3	21.84	117.9	21.03	114.1	19.98	110.3	19.37	102.7	18.06
15.0	13.7	132.9	22.08	125.3	20.66	117.9	19.91	114.1	18.92	110.3	18.34	102.7	17.10	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM780BTE5

Heating Capacity (78HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	152.0	79.70	152.0	80.43	151.0	81.07	151.0	82.06	151.0	82.99	148.6	84.46
	-21.8	-22	184.6	81.17	184.6	81.91	183.3	82.55	183.3	83.53	183.3	84.46	180.2	85.95
	-19.8	-20	194.5	82.16	194.5	82.88	193.2	83.53	193.2	84.52	193.2	85.46	190.0	86.92
	-18.8	-19	198.9	82.64	198.9	83.38	197.6	84.03	197.6	85.02	197.6	85.95	194.2	87.42
	-16.7	-17	207.9	83.68	207.9	84.42	206.5	85.06	206.5	86.06	206.5	86.98	203.0	88.46
	-13.7	-15	220.7	85.16	220.7	85.88	219.3	86.53	219.3	87.52	219.3	88.46	215.6	85.02
	-11.8	-13	227.8	86.09	227.8	86.84	226.5	87.49	226.5	88.46	226.5	88.46	223.5	82.82
	-9.8	-11	235.4	87.09	235.4	87.81	234.0	88.46	234.0	89.46	234.0	90.46	231.6	80.51
	-9.5	-10	236.7	87.23	236.7	87.96	235.4	88.07	235.4	89.07	235.4	90.07	232.9	80.18
	-8.5	-9.1	241.5	87.73	241.5	88.46	240.2	89.07	240.2	90.07	240.2	91.07	237.9	79.02
	-7.0	-7.6	248.7	88.46	248.7	89.19	247.1	90.19	247.1	91.19	247.1	92.19	243.6	77.29
	-5.0	-5.6	258.3	89.00	258.3	89.73	256.6	90.73	256.6	91.73	256.6	92.73	253.1	75.00
	-3.0	-3.7	267.8	89.56	267.8	90.29	266.1	91.29	266.1	92.29	266.1	93.29	262.6	72.70
	0.0	-0.7	282.0	90.73	282.0	91.46	280.2	92.46	280.2	93.46	280.2	94.46	276.6	69.24
	3.0	2.2	296.4	91.81	296.4	92.54	294.4	93.54	294.4	94.54	294.4	95.54	290.8	65.81
	5.0	4.1	305.2	92.73	305.2	93.46	303.6	94.46	303.6	95.46	303.6	96.46	299.8	63.50
	7.0	6.0	313.0	93.61	313.0	94.34	311.1	95.34	311.1	96.34	311.1	97.34	307.8	61.19
9.0	7.9	314.2	94.29	314.2	95.02	313.2	96.02	313.2	97.02	313.2	98.02	309.8	59.44	
11.0	9.8	314.2	94.81	314.2	95.54	313.2	96.54	313.2	97.54	313.2	98.54	310.8	58.21	
13.0	11.8	314.2	95.26	314.2	96.12	313.2	97.12	313.2	98.12	313.2	99.12	311.8	56.89	
15.0	13.7	314.2	95.61	314.2	96.53	313.2	97.53	313.2	98.53	313.2	99.53	312.8	55.47	
120	-24.8	-25	151.0	80.43	151.0	81.07	150.0	82.06	150.0	82.99	150.0	84.46	147.6	85.49
	-21.8	-22	183.3	81.91	183.3	82.55	182.0	83.53	182.0	84.46	182.0	85.95	179.1	86.98
	-19.8	-20	193.1	82.88	193.1	83.53	191.8	84.52	191.8	85.46	191.8	86.92	188.7	87.96
	-18.8	-19	197.3	83.38	197.3	84.03	196.0	85.02	196.0	85.95	196.0	87.42	192.9	88.46
	-16.7	-17	206.3	84.42	206.3	85.06	205.0	86.06	205.0	87.06	205.0	88.46	201.5	86.24
	-13.7	-15	219.0	85.88	219.0	86.53	217.7	87.52	217.7	88.46	217.7	89.46	214.0	83.06
	-11.8	-13	226.2	86.84	226.2	87.49	224.8	88.46	224.8	89.46	224.8	90.46	221.9	81.05
	-9.8	-11	233.7	87.81	233.7	88.46	232.4	89.46	232.4	90.46	232.4	91.46	229.8	78.95
	-9.5	-10	235.1	87.96	235.1	88.04	233.8	89.07	233.8	90.07	233.8	91.07	231.4	78.62
	-8.5	-9.1	239.9	88.46	239.9	89.07	238.3	90.07	238.3	91.07	238.3	92.07	235.5	75.96
	-7.0	-7.6	247.0	89.19	247.0	90.19	245.4	91.19	245.4	92.19	245.4	93.19	242.9	73.59
	-5.0	-5.6	256.5	89.73	256.5	90.73	254.9	91.73	254.9	92.73	254.9	93.73	252.2	71.75
	-3.0	-3.7	265.9	90.29	265.9	91.29	264.2	92.29	264.2	93.29	264.2	94.29	261.5	69.24
	0.0	-0.7	280.1	91.46	280.1	92.46	278.2	93.46	278.2	94.46	278.2	95.46	275.6	65.81
	3.0	2.2	294.2	92.54	294.2	93.54	292.5	94.54	292.5	95.54	292.5	96.54	289.8	62.57
	5.0	4.1	303.1	93.46	303.1	94.34	299.2	95.34	299.2	96.34	299.2	97.34	296.8	60.17
	7.0	6.0	310.8	94.29	310.8	95.02	296.2	96.02	296.2	97.02	296.2	98.02	293.8	57.90
9.0	7.9	311.8	94.81	311.8	95.54	296.2	96.54	296.2	97.54	296.2	98.54	294.8	55.92	
11.0	9.8	311.8	95.26	311.8	96.12	296.2	97.12	296.2	98.12	296.2	99.12	295.8	54.46	
13.0	11.8	311.8	95.61	311.8	96.53	296.2	97.53	296.2	98.53	296.2	99.53	296.8	53.06	
15.0	13.7	311.8	95.96	311.8	96.96	296.2	97.96	296.2	98.96	296.2	99.96	297.8	51.66	
110	-24.8	-25	150.2	81.07	150.2	82.06	149.3	82.99	149.3	84.46	149.3	85.49	146.7	85.99
	-21.8	-22	182.4	82.55	182.4	83.53	181.1	84.46	181.1	85.95	181.1	86.98	178.2	87.49
	-19.8	-20	192.1	83.53	192.1	84.52	190.9	85.46	190.9	86.92	190.9	87.96	187.6	88.46
	-18.8	-19	196.3	84.03	196.3	85.02	195.0	85.95	195.0	87.42	195.0	88.46	191.8	87.29
	-16.7	-17	205.2	85.06	205.2	86.06	203.9	86.98	203.9	88.46	203.9	89.46	200.4	84.83
	-13.7	-15	217.8	86.53	217.8	87.52	216.4	88.46	216.4	89.46	216.4	90.46	213.4	81.34
	-11.8	-13	225.0	87.49	225.0	88.46	223.5	89.46	223.5	90.46	223.5	91.46	220.5	79.11
	-9.8	-11	232.4	88.46	232.4	89.46	231.1	90.46	231.1	91.46	231.1	92.46	228.8	76.79
	-9.5	-10	233.8	88.98	233.8	89.51	232.5	90.51	232.5	91.51	232.5	92.51	230.1	74.44
	-8.5	-9.1	238.6	89.46	238.6	90.07	237.2	91.07	237.2	92.07	237.2	93.07	234.7	72.27
	-7.0	-7.6	245.7	90.19	245.7	91.19	244.1	92.19	244.1	93.19	244.1	94.19	241.6	69.96
	-5.0	-5.6	255.0	90.73	255.0	91.73	253.3	92.73	253.3	93.73	253.3	94.73	250.8	67.61
	-3.0	-3.7	264.4	91.29	264.4	92.29	262.7	93.29	262.7	94.29	262.7	95.29	260.2	65.26
	0.0	-0.7	278.5	92.46	278.5	93.46	265.7	94.46	265.7	95.46	265.7	96.46	263.2	62.91
	3.0	2.2	292.1	93.54	292.1	94.54	265.7	95.54	265.7	96.54	265.7	97.54	263.2	60.56
	5.0	4.1	299.7	94.46	299.7	95.34	265.7	96.34	265.7	97.34	265.7	98.34	263.2	58.21
	7.0	6.0	299.7	94.81	299.7	95.54	265.7	96.54	265.7	97.54	265.7	98.54	263.2	55.86
9.0	7.9	299.7	95.26	299.7	96.12	265.7	97.12	265.7	98.12	265.7	99.12	263.2	53.51	
11.0	9.8	299.7	95.61	299.7	96.53	265.7	97.53	265.7	98.53	265.7	99.53	263.2	51.16	
13.0	11.8	299.7	95.96	299.7	96.96	265.7	97.96	265.7	98.96	265.7	99.96	263.2	48.81	
15.0	13.7	299.7	96.31	299.7	97.31	265.7	98.31	265.7	99.31	265.7	100.31	263.2	46.46	

7. Capacity Tables

Heating Capacity (78HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	149.5	88.96	149.5	88.88	148.6	83.82	148.6	88.74	148.6	88.67	146.0	88.62
	-21.8	-22	181.4	88.86	181.4	88.78	180.4	86.45	180.4	88.63	180.4	89.66	177.2	88.53
	-19.8	-20	191.2	88.78	191.2	88.72	190.1	88.13	190.1	88.56	190.1	88.87	187.0	88.46
	-18.8	-19	195.4	88.75	194.3	88.69	194.3	88.63	194.3	88.52	194.3	88.46	190.9	87.04
	-16.7	-17	203.0	88.68	203.0	88.62	203.0	89.66	202.0	88.46	202.0	85.53	198.5	84.06
	-13.7	-15	216.8	88.59	216.8	88.52	215.5	88.46	215.5	84.19	215.5	81.34	212.0	79.79
	-11.8	-13	223.9	88.53	222.6	88.46	222.6	85.60	222.6	81.50	222.6	78.66	212.0	77.09
	-9.8	-11	231.1	88.46	231.1	85.25	230.2	82.59	230.2	78.64	227.5	75.88	212.0	74.25
	-9.5	-10	232.5	87.94	232.5	84.76	231.5	82.12	231.5	78.23	227.5	75.46	212.0	73.83
	-8.5	-9.1	237.3	86.26	237.3	83.15	236.2	80.61	235.3	76.81	227.5	74.06	212.0	72.41
	-7.0	-7.6	248.3	83.75	247.4	80.76	243.1	78.36	235.3	74.68	227.5	71.97	212.0	70.27
	-5.0	-5.6	259.2	80.38	256.6	77.53	243.1	75.33	235.3	71.82	227.5	69.16	212.0	67.44
	-3.0	-3.7	266.7	76.99	258.7	74.32	243.1	72.31	235.3	68.98	227.5	66.38	212.0	64.60
	0.0	-0.7	274.2	71.95	258.7	69.50	243.1	67.80	235.3	64.71	227.5	62.19	212.0	60.34
	3.0	2.2	274.2	66.89	258.7	64.67	243.1	63.27	235.3	60.45	227.5	57.98	212.0	56.07
	5.0	4.1	274.2	63.51	258.7	61.47	243.1	60.25	235.3	57.61	227.5	55.20	212.0	53.23
	7.0	6.0	274.2	60.15	258.7	58.25	243.1	57.24	235.3	54.76	227.5	52.39	212.0	50.39
	9.0	7.9	274.2	57.57	258.7	55.76	243.1	54.80	235.3	52.43	227.5	50.15	212.0	48.23
	11.0	9.8	274.2	55.47	258.7	53.74	243.1	52.81	235.3	50.52	227.5	48.32	212.0	46.48
13.0	11.8	274.2	53.24	258.7	51.58	243.1	50.68	235.3	48.49	227.5	46.40	212.0	44.61	
15.0	13.7	274.2	50.92	258.7	49.32	243.1	48.46	235.3	46.34	227.5	44.36	212.0	42.65	
90	-24.8	-25	148.9	79.53	148.9	81.02	148.0	82.05	148.0	82.55	148.0	83.53	145.6	85.01
	-21.8	-22	180.7	81.02	180.7	82.49	179.7	83.53	179.7	84.02	179.7	85.01	176.5	81.31
	-19.8	-20	190.5	81.99	190.5	83.48	189.2	84.52	189.2	85.01	189.2	82.48	186.1	78.84
	-18.8	-19	195.4	82.49	194.3	83.97	193.4	85.01	193.4	83.71	193.4	81.21	190.2	77.61
	-16.7	-17	203.0	83.53	203.0	85.01	202.2	82.31	202.2	80.97	202.2	78.56	193.7	75.02
	-13.7	-15	216.8	85.01	216.8	80.99	214.8	78.45	214.8	77.05	208.7	74.76	193.7	71.34
	-11.8	-13	223.9	82.25	222.6	78.44	221.7	76.01	215.6	74.57	208.7	72.36	193.7	68.98
	-9.8	-11	231.1	79.34	231.1	75.78	222.5	73.43	215.6	71.96	208.7	69.82	193.7	66.52
	-9.5	-10	232.5	78.91	232.5	75.36	222.5	73.06	215.6	71.58	208.7	69.46	193.7	66.14
	-8.5	-9.1	237.3	77.45	235.6	74.01	222.5	71.76	215.6	70.27	208.7	68.19	193.7	64.91
	-7.0	-7.6	248.3	75.29	236.2	72.01	222.5	69.83	215.6	68.32	208.7	66.29	193.7	63.06
	-5.0	-5.6	251.0	72.39	236.2	69.33	222.5	67.25	215.6	65.72	208.7	63.75	193.7	60.60
	-3.0	-3.7	251.0	69.47	236.2	66.65	222.5	64.70	215.6	63.11	208.7	61.22	193.7	58.15
	0.0	-0.7	251.0	65.13	236.2	62.65	222.5	60.85	215.6	59.20	208.7	57.42	193.7	54.43
	3.0	2.2	251.0	60.76	236.2	58.62	222.5	56.98	215.6	55.28	208.7	53.65	193.7	50.75
	5.0	4.1	251.0	57.86	236.2	55.94	222.5	54.42	215.6	52.67	208.7	51.12	193.7	48.28
	7.0	6.0	251.0	54.97	236.2	53.27	222.5	51.84	215.6	50.07	208.7	48.59	193.7	45.80
	9.0	7.9	251.0	52.23	236.2	50.64	222.5	49.26	215.6	47.59	208.7	46.18	193.7	43.54
	11.0	9.8	251.0	49.52	236.2	48.00	222.5	46.69	215.6	45.11	208.7	43.76	193.7	41.26
13.0	11.8	251.0	46.78	236.2	45.35	222.5	44.13	215.6	42.61	208.7	41.35	193.7	39.00	
15.0	13.7	251.0	44.06	236.2	42.71	222.5	41.55	215.6	40.13	208.7	38.95	193.7	36.72	
80	-24.8	-25	148.2	69.91	148.2	71.38	147.3	72.41	147.3	72.92	147.3	75.37	144.9	72.13
	-21.8	-22	178.8	71.38	178.8	72.87	178.8	73.91	178.8	75.37	178.8	72.13	173.1	69.01
	-19.8	-20	188.5	72.37	188.5	73.84	188.5	75.37	188.5	73.07	185.9	69.96	173.1	66.92
	-18.8	-19	192.7	72.87	192.7	75.37	192.7	74.20	192.2	71.93	186.1	68.87	173.1	65.88
	-16.7	-17	198.9	75.37	198.9	72.95	198.9	71.76	193.0	69.51	186.1	66.60	173.1	63.69
	-13.7	-15	208.0	71.77	203.9	69.46	198.9	68.26	193.0	66.06	186.1	63.34	173.1	60.56
	-11.8	-13	213.5	69.48	207.2	67.25	198.9	66.03	193.0	63.89	186.1	61.27	173.1	58.59
	-9.8	-11	219.1	67.06	210.0	64.93	198.9	63.72	193.0	61.59	186.1	59.11	173.1	56.52
	-9.5	-10	220.6	66.70	211.2	64.58	198.9	63.36	193.0	61.24	186.1	58.78	173.1	56.21
	-8.5	-9.1	222.8	65.49	212.0	63.43	198.9	62.19	193.0	60.10	186.1	57.71	173.1	55.17
	-7.0	-7.6	224.8	63.69	212.0	61.70	198.9	60.44	193.0	58.38	186.1	56.06	173.1	53.60
	-5.0	-5.6	224.8	61.27	212.0	59.37	198.9	58.10	193.0	56.08	186.1	53.90	173.1	51.52
	-3.0	-3.7	224.8	58.85	212.0	57.04	198.9	55.79	193.0	53.78	186.1	51.73	173.1	49.43
	0.0	-0.7	224.8	55.25	212.0	53.58	198.9	52.28	193.0	50.31	186.1	48.49	173.1	46.33
	3.0	2.2	224.8	51.63	212.0	50.10	198.9	48.76	193.0	46.87	186.1	45.23	173.1	43.21
	5.0	4.1	224.8	49.23	212.0	47.77	198.9	46.45	193.0	44.57	186.1	43.06	173.1	41.12
	7.0	6.0	224.8	46.82	212.0	45.46	198.9	44.11	193.0	42.27	186.1	40.89	173.1	39.05
	9.0	7.9	224.8	43.96	212.0	42.68	198.9	41.42	193.0	39.69	186.1	38.40	173.1	36.66
	11.0	9.8	224.8	40.80	212.0	39.60	198.9	38.43	193.0	36.85	186.1	35.64	173.1	34.02
13.0	11.8	224.8	38.07	212.0	36.96	198.9	35.89	193.0	34.39	186.1	33.26	173.1	31.75	
15.0	13.7	224.8	35.85	212.0	34.82	198.9	33.78	193.0	32.37	186.1	31.32	173.1	29.91	

7. Capacity Tables

Heating Capacity (78HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	148.2	70.50	148.2	71.00	147.3	71.99	147.3	73.46	147.3	69.94	143.9	66.65
	-21.8	-22	170.5	71.99	170.5	72.47	169.4	73.46	163.6	69.94	158.7	66.65	148.1	63.45
	-19.8	-20	185.2	72.97	180.0	73.46	169.4	70.99	163.6	67.60	158.7	64.44	148.1	61.34
	-18.8	-19	189.2	73.46	180.0	72.18	169.4	69.74	163.6	66.42	158.7	63.35	148.1	60.29
	-16.7	-17	190.7	70.82	180.0	69.50	169.4	67.14	163.6	63.94	158.7	61.05	148.1	58.06
	-13.7	-15	190.7	67.00	180.0	65.65	169.4	63.44	163.6	60.42	158.7	57.75	148.1	54.87
	-11.8	-13	190.7	64.59	180.0	63.21	169.4	61.10	163.6	58.18	158.7	55.66	148.1	52.85
	-9.8	-11	190.7	62.05	180.0	60.65	169.4	58.60	163.6	55.84	158.7	53.46	148.1	50.74
	-9.5	-10	190.7	61.67	180.0	60.27	169.4	58.24	163.6	55.48	158.7	53.14	148.1	50.43
	-8.5	-9.1	190.7	60.41	180.0	58.99	169.4	56.99	163.6	54.30	158.7	52.04	148.1	49.35
	-7.0	-7.6	190.7	58.50	180.0	57.06	169.4	55.13	163.6	52.54	158.7	50.38	148.1	47.76
	-5.0	-5.6	190.7	55.98	180.0	54.49	169.4	52.66	163.6	50.20	158.7	48.19	148.1	45.65
	-3.0	-3.7	190.7	53.44	180.0	51.95	169.4	50.19	163.6	47.86	158.7	46.00	148.1	43.54
	0.0	-0.7	190.7	49.64	180.0	48.09	169.4	46.49	163.6	44.33	158.7	42.70	148.1	40.34
	3.0	2.2	190.7	45.83	180.0	44.26	169.4	42.77	163.6	40.81	158.7	39.41	148.1	37.16
	5.0	4.1	190.7	43.29	180.0	41.68	169.4	40.29	163.6	38.44	158.7	37.21	148.1	35.05
	7.0	6.0	190.7	40.76	180.0	39.12	169.4	37.82	163.6	36.10	158.7	35.01	148.1	32.92
	9.0	7.9	190.7	36.81	180.0	35.34	169.4	34.14	163.6	32.60	158.7	31.62	148.1	29.72
	11.0	9.8	190.7	34.27	180.0	32.88	169.4	31.81	163.6	30.36	158.7	29.44	148.1	27.67
	13.0	11.8	190.7	32.06	180.0	30.77	169.4	29.76	163.6	28.40	158.7	27.54	148.1	25.89
15.0	13.7	190.7	30.24	180.0	29.02	169.4	28.04	163.6	26.78	158.7	25.98	148.1	24.42	
60	-24.8	-25	145.4	69.53	145.4	70.50	144.5	71.99	140.3	68.25	135.5	64.73	126.9	61.43
	-21.8	-22	156.2	71.00	154.8	71.99	145.3	68.25	140.3	64.73	135.5	61.43	126.9	58.25
	-19.8	-20	163.6	71.99	154.8	69.33	145.3	65.74	140.3	62.40	135.5	59.23	126.9	56.11
	-18.8	-19	163.6	70.65	154.8	68.02	145.3	64.49	140.3	61.23	135.5	58.13	126.9	55.07
	-16.7	-17	163.6	67.85	154.8	65.24	145.3	61.88	140.3	58.76	135.5	55.81	126.9	52.83
	-13.7	-15	163.6	63.83	154.8	61.27	145.3	58.13	140.3	55.26	135.5	52.52	126.9	49.65
	-11.8	-13	163.6	61.28	154.8	58.75	145.3	55.75	140.3	53.03	135.5	50.43	126.9	47.63
	-9.8	-11	163.6	58.62	154.8	56.11	145.3	53.27	140.3	50.69	135.5	48.24	126.9	45.51
	-9.5	-10	163.6	58.22	154.8	55.71	145.3	52.89	140.3	50.34	135.5	47.91	126.9	45.19
	-8.5	-9.1	163.6	56.88	154.8	54.39	145.3	51.63	140.3	49.17	135.5	46.81	126.9	44.13
	-7.0	-7.6	163.6	54.87	154.8	52.40	145.3	49.77	140.3	47.42	135.5	45.16	126.9	42.54
	-5.0	-5.6	163.6	52.21	154.8	49.75	145.3	47.27	140.3	45.07	135.5	42.97	126.9	40.42
	-3.0	-3.7	163.6	49.53	154.8	47.10	145.3	44.76	140.3	42.73	135.5	40.76	126.9	38.29
	0.0	-0.7	163.6	45.52	154.8	43.13	145.3	41.04	140.3	39.23	135.5	37.46	126.9	35.10
	3.0	2.2	163.6	41.50	154.8	39.15	145.3	37.29	140.3	35.71	135.5	34.16	126.9	31.94
	5.0	4.1	163.6	38.84	154.8	36.51	145.3	34.78	140.3	33.36	135.5	31.97	126.9	29.81
	7.0	6.0	163.6	36.17	154.8	33.86	145.3	32.30	140.3	31.04	135.5	29.78	126.9	27.67
	9.0	7.9	163.6	32.26	154.8	30.21	145.3	28.80	140.3	27.69	135.5	26.56	126.9	24.70
	11.0	9.8	163.6	30.12	154.8	28.22	145.3	26.90	140.3	25.86	135.5	24.81	126.9	23.06
	13.0	11.8	163.6	28.22	154.8	26.44	145.3	25.21	140.3	24.23	135.5	23.23	126.9	21.60
15.0	13.7	163.6	26.66	154.8	24.98	145.3	23.81	140.3	22.89	135.5	21.97	126.9	20.43	
50	-24.8	-25	136.4	61.09	128.6	62.58	121.0	59.25	117.1	56.15	113.2	53.21	105.4	50.47
	-21.8	-22	136.4	62.58	128.6	59.25	121.0	56.15	117.1	53.21	113.2	50.47	105.4	47.83
	-19.8	-20	136.4	60.25	128.6	57.04	121.0	54.08	117.1	51.24	113.2	48.65	105.4	46.09
	-18.8	-19	136.4	59.08	128.6	55.93	121.0	53.03	117.1	50.25	113.2	47.73	105.4	45.20
	-16.7	-17	136.4	56.65	128.6	53.58	121.0	50.85	117.1	48.20	113.2	45.82	105.4	43.37
	-13.7	-15	136.4	53.18	128.6	50.26	121.0	47.74	117.1	45.27	113.2	43.08	105.4	40.74
	-11.8	-13	136.4	50.97	128.6	48.15	121.0	45.79	117.1	43.41	113.2	41.36	105.4	39.08
	-9.8	-11	136.4	48.66	128.6	45.94	121.0	43.71	117.1	41.45	113.2	39.53	105.4	37.31
	-9.5	-10	136.4	48.30	128.6	45.61	121.0	43.39	117.1	41.15	113.2	39.26	105.4	37.06
	-8.5	-9.1	136.4	47.15	128.6	44.49	121.0	42.37	117.1	40.17	113.2	38.35	105.4	36.18
	-7.0	-7.6	136.4	45.41	128.6	42.83	121.0	40.81	117.1	38.70	113.2	36.99	105.4	34.86
	-5.0	-5.6	136.4	43.10	128.6	40.62	121.0	38.73	117.1	36.75	113.2	35.14	105.4	33.11
	-3.0	-3.7	136.4	40.76	128.6	38.41	121.0	36.67	117.1	34.79	113.2	33.33	105.4	31.36
	0.0	-0.7	136.4	37.29	128.6	35.07	121.0	33.55	117.1	31.83	113.2	30.60	105.4	28.72
	3.0	2.2	136.4	33.80	128.6	31.75	121.0	30.44	117.1	28.90	113.2	27.87	105.4	26.10
	5.0	4.1	136.4	31.49	128.6	29.53	121.0	28.37	117.1	26.95	113.2	26.04	105.4	24.35
	7.0	6.0	136.4	29.17	128.6	27.31	121.0	26.32	117.1	25.00	113.2	24.21	105.4	22.59
	9.0	7.9	136.4	26.35	128.6	24.66	121.0	23.74	117.1	22.57	113.2	21.87	105.4	20.40
	11.0	9.8	136.4	24.64	128.6	23.08	121.0	22.23	117.1	21.11	113.2	20.46	105.4	19.09
	13.0	11.8	136.4	23.13	128.6	21.67	121.0	20.86	117.1	19.82	113.2	19.21	105.4	17.92
15.0	13.7	136.4	21.90	128.6	20.50	121.0	19.75	117.1	18.77	113.2	18.19	105.4	16.96	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM800BTE5

Heating Capacity (80HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	154.2	81.99	154.2	82.66	153.2	83.26	153.2	84.18	153.2	85.05	150.8	86.41
	-21.8	-22	188.4	83.35	188.4	84.05	187.1	84.64	187.1	85.55	187.1	86.41	183.9	87.81
	-19.8	-20	199.1	84.28	199.1	84.95	197.7	85.55	197.7	86.48	197.7	87.35	194.5	88.71
	-18.8	-19	203.6	84.72	203.6	85.41	202.3	86.02	202.3	86.94	202.3	87.81	198.8	89.18
	-16.7	-17	213.0	85.69	213.0	86.38	211.7	86.97	211.7	87.91	211.7	88.77	208.1	90.14
	-13.7	-15	226.4	87.07	226.4	87.75	225.1	88.35	225.1	89.27	225.1	90.14	221.2	86.74
	-11.8	-13	233.8	87.94	233.8	88.64	232.4	89.24	232.4	90.14	232.4	87.85	229.5	84.56
	-9.8	-11	241.5	88.87	241.5	89.54	240.1	90.14	240.1	87.70	240.1	85.44	237.9	82.28
	-9.5	-10	242.9	89.00	242.9	89.68	241.5	89.76	241.5	87.32	241.2	85.07	239.2	81.95
	-8.5	-9.1	247.8	89.47	247.8	90.14	246.4	88.53	246.4	86.10	245.1	83.86	243.5	80.80
	-7.0	-7.6	255.2	90.14	255.2	88.31	253.5	86.65	253.5	84.26	253.5	82.03	250.4	79.09
	-5.0	-5.6	264.9	87.77	264.9	85.86	263.2	84.14	263.2	81.82	263.2	79.63	259.0	76.82
	-3.0	-3.7	274.7	85.42	274.7	83.41	273.0	81.63	273.0	79.37	273.0	77.20	267.7	74.54
	0.0	-0.7	289.2	81.85	289.2	79.75	287.4	77.87	287.4	75.67	287.4	73.57	280.7	71.12
	3.0	2.2	303.9	78.29	303.9	76.06	301.9	74.13	301.9	72.00	300.4	69.94	281.6	67.72
	5.0	4.1	313.0	75.92	313.0	73.61	311.3	71.61	310.1	69.55	302.4	67.52	281.6	65.43
	7.0	6.0	320.9	73.54	320.9	71.19	319.0	69.11	313.5	67.11	302.4	65.11	281.6	63.15
9.0	7.9	322.3	71.60	322.3	69.29	321.3	67.27	313.5	65.31	302.4	63.38	281.6	61.46	
11.0	9.8	322.3	70.27	322.3	68.01	321.3	66.03	313.5	64.10	302.4	62.19	281.6	60.33	
13.0	11.8	322.3	68.83	322.3	66.61	321.3	64.69	313.5	62.80	302.4	60.93	281.6	59.10	
15.0	13.7	322.3	67.30	322.3	65.12	321.3	63.24	313.5	61.39	302.4	59.56	281.6	57.77	
120	-24.8	-25	153.2	82.66	153.2	83.26	152.1	84.18	152.1	85.05	152.1	86.41	149.7	87.38
	-21.8	-22	187.1	84.05	187.1	84.64	185.8	85.55	185.8	86.41	185.8	87.81	182.8	88.77
	-19.8	-20	197.7	84.95	197.7	85.55	196.4	86.48	196.4	87.35	196.4	88.71	193.1	89.68
	-18.8	-19	202.1	85.41	202.1	86.02	200.8	86.94	200.8	87.81	200.8	89.18	197.5	90.14
	-16.7	-17	211.5	86.38	211.5	86.97	210.1	87.91	210.1	88.77	210.1	90.14	206.5	87.95
	-13.7	-15	224.7	87.75	224.7	88.35	223.4	89.27	223.4	90.14	223.4	86.88	219.6	84.80
	-11.8	-13	232.1	88.64	232.1	89.24	230.7	90.14	230.7	87.83	230.7	84.81	227.8	82.81
	-9.8	-11	239.8	89.54	239.8	90.14	238.4	87.60	238.4	85.39	238.4	82.63	236.3	80.73
	-9.5	-10	241.3	89.68	241.3	89.74	239.9	87.22	239.9	85.02	239.9	82.28	237.7	80.40
	-8.5	-9.1	246.1	90.14	246.1	88.40	244.5	85.94	244.5	83.79	244.5	81.21	242.0	79.36
	-7.0	-7.6	253.4	88.15	253.4	86.36	251.8	84.02	251.8	81.97	251.8	79.55	248.6	77.80
	-5.0	-5.6	263.2	85.46	263.2	83.68	261.4	81.47	261.4	79.54	261.4	77.37	257.4	75.69
	-3.0	-3.7	272.7	82.77	272.7	80.99	271.0	78.93	271.0	77.09	271.0	75.20	264.5	73.61
	0.0	-0.7	287.2	78.75	287.2	76.94	285.3	75.09	285.3	73.43	284.1	71.91	264.5	70.45
	3.0	2.2	301.7	74.73	301.7	72.89	299.0	71.27	293.7	69.78	284.6	68.64	264.5	67.32
	5.0	4.1	310.8	72.05	310.3	70.18	303.9	68.70	293.7	67.33	284.6	66.45	264.5	65.23
	7.0	6.0	318.8	69.36	316.5	67.49	303.9	66.16	293.7	64.89	284.6	64.29	264.5	63.13
9.0	7.9	319.9	67.35	316.5	65.54	303.9	64.25	293.7	63.02	284.6	62.42	264.5	61.31	
11.0	9.8	319.9	65.93	316.5	64.16	303.9	62.88	293.7	61.68	284.6	61.10	264.5	60.01	
13.0	11.8	319.9	64.41	316.5	62.65	303.9	61.42	293.7	60.26	284.6	59.68	264.5	58.63	
15.0	13.7	319.9	62.76	316.5	61.07	303.9	59.88	293.7	58.72	284.6	58.16	264.5	57.13	
110	-24.8	-25	152.4	83.26	152.4	84.18	151.4	85.05	151.4	86.41	151.4	87.38	148.8	87.84
	-21.8	-22	186.1	84.64	186.1	85.55	184.8	86.41	184.8	87.81	184.8	88.77	181.8	89.24
	-19.8	-20	196.6	85.55	196.6	86.48	195.4	87.35	195.4	88.71	195.4	89.68	192.0	90.14
	-18.8	-19	201.0	86.02	201.0	86.94	199.7	87.81	199.7	89.18	199.7	90.14	196.4	88.98
	-16.7	-17	210.4	86.97	210.4	87.91	209.0	88.77	209.0	90.14	209.0	87.77	205.4	86.54
	-13.7	-15	223.5	88.35	223.5	89.27	222.0	90.14	222.0	86.55	222.0	84.35	222.0	83.06
	-11.8	-13	230.8	89.24	230.8	90.14	229.4	87.59	229.4	84.27	229.4	82.21	229.4	80.84
	-9.8	-11	238.5	90.14	238.5	87.28	237.1	84.93	237.1	81.86	237.1	79.94	236.1	78.53
	-9.5	-10	239.9	89.67	239.9	86.85	238.6	84.53	238.6	81.49	238.6	79.61	237.7	78.18
	-8.5	-9.1	244.8	88.13	244.8	85.41	243.3	83.19	243.3	80.29	243.3	78.47	238.0	77.01
	-7.0	-7.6	252.1	85.80	252.1	83.25	250.5	81.18	250.5	78.49	250.5	76.76	238.0	75.27
	-5.0	-5.6	261.6	82.70	261.6	80.39	259.9	78.49	259.9	76.10	254.8	74.49	238.0	72.94
	-3.0	-3.7	271.2	79.60	271.2	77.50	269.4	75.81	263.8	73.69	254.8	72.24	238.0	70.64
	0.0	-0.7	285.6	74.95	285.2	73.20	272.6	71.81	263.8	70.08	254.8	68.83	238.0	67.14
	3.0	2.2	299.5	70.30	290.6	68.89	272.6	67.79	263.8	66.49	254.8	65.43	238.0	63.64
	5.0	4.1	307.5	67.20	290.6	66.01	272.6	65.11	263.8	64.08	254.8	63.15	238.0	61.33
	7.0	6.0	307.5	64.11	290.6	63.15	272.6	62.43	263.8	61.67	254.8	60.88	238.0	59.01
9.0	7.9	307.5	61.98	290.6	61.04	272.6	60.35	263.8	59.62	254.8	58.86	238.0	57.04	
11.0	9.8	307.5	60.36	290.6	59.45	272.6	58.79	263.8	58.07	254.8	57.34	238.0	55.57	
13.0	11.8	307.5	58.65	290.6	57.77	272.6	57.13	263.8	56.42	254.8	55.70	238.0	53.99	
15.0	13.7	307.5	56.83	290.6	55.98	272.6	55.35	263.8	54.67	254.8	53.97	238.0	52.31	

7. Capacity Tables

Heating Capacity (80HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	151.7	92.32	151.7	92.02	150.8	86.00	150.8	91.33	150.8	91.02	148.1	90.86
	-21.8	-22	185.1	91.88	185.1	91.58	184.1	88.71	184.1	90.88	184.1	91.85	180.8	90.44
	-19.8	-20	195.7	91.58	195.7	91.30	194.6	90.42	194.6	90.59	194.6	90.72	191.3	90.14
	-18.8	-19	200.1	91.44	199.0	91.16	199.0	90.88	199.0	90.45	199.0	90.14	195.5	88.72
	-16.7	-17	208.1	91.14	208.1	90.85	208.1	91.85	207.0	90.14	207.0	87.22	203.4	85.74
	-13.7	-15	222.4	90.71	222.4	90.42	221.1	90.14	221.1	85.89	221.1	83.02	217.5	81.46
	-11.8	-13	229.7	90.44	228.4	90.14	228.4	87.30	228.4	83.20	228.4	80.35	217.5	78.75
	-9.8	-11	237.2	90.14	237.2	86.96	236.2	84.30	236.2	80.34	233.4	77.56	217.5	75.91
	-9.5	-10	238.6	89.64	238.6	86.47	237.5	83.84	237.5	79.94	233.4	77.14	217.5	75.49
	-8.5	-9.1	243.5	87.96	243.5	84.86	242.4	82.34	241.4	78.52	233.4	75.74	217.5	74.06
	-7.0	-7.6	254.8	85.48	253.8	82.49	249.4	80.10	241.4	76.39	233.4	73.65	217.5	71.92
	-5.0	-5.6	265.9	82.13	263.2	79.28	249.4	77.08	241.4	73.54	233.4	70.84	217.5	69.08
	-3.0	-3.7	273.6	78.77	265.4	76.09	249.4	74.07	241.4	70.71	233.4	68.06	217.5	66.24
	0.0	-0.7	281.3	73.77	265.4	71.30	249.4	69.58	241.4	66.44	233.4	63.86	217.5	61.97
	3.0	2.2	281.3	68.75	265.4	66.49	249.4	65.07	241.4	62.19	233.4	59.66	217.5	57.69
	5.0	4.1	281.3	65.41	265.4	63.32	249.4	62.07	241.4	59.35	233.4	56.87	217.5	54.85
	7.0	6.0	281.3	62.07	265.4	60.11	249.4	59.07	241.4	56.51	233.4	54.07	217.5	52.00
	9.0	7.9	281.3	59.69	265.4	57.81	249.4	56.81	241.4	54.36	233.4	51.99	217.5	50.00
	11.0	9.8	281.3	57.81	265.4	56.00	249.4	55.03	241.4	52.65	233.4	50.36	217.5	48.43
	13.0	11.8	281.3	55.81	265.4	54.06	249.4	53.12	241.4	50.82	233.4	48.63	217.5	46.76
15.0	13.7	281.3	53.71	265.4	52.03	249.4	51.12	241.4	48.89	233.4	46.79	217.5	45.00	
90	-24.8	-25	151.1	81.97	151.1	83.36	150.1	84.32	150.1	84.78	150.1	85.70	147.7	87.08
	-21.8	-22	184.4	83.36	184.4	84.73	183.4	85.70	183.4	86.16	183.4	87.08	180.1	83.32
	-19.8	-20	195.0	84.27	195.0	85.65	193.7	86.62	193.7	87.08	193.7	88.42	190.5	80.82
	-18.8	-19	200.1	84.73	199.0	86.12	198.1	87.08	198.1	85.77	198.1	83.23	194.8	79.57
	-16.7	-17	208.1	85.70	208.1	87.08	207.3	84.34	207.3	82.99	207.3	80.54	198.7	76.94
	-13.7	-15	222.4	87.08	222.4	83.02	220.4	80.44	220.4	79.01	214.1	76.69	198.7	73.20
	-11.8	-13	229.7	84.29	228.4	80.43	227.5	77.97	221.2	76.50	214.1	74.25	198.7	70.80
	-9.8	-11	237.2	81.35	237.2	77.74	228.2	75.36	221.2	73.86	214.1	71.68	198.7	68.30
	-9.5	-10	238.6	80.91	238.6	77.32	228.2	74.98	221.2	73.47	214.1	71.31	198.7	67.92
	-8.5	-9.1	243.5	79.45	241.7	75.96	228.2	73.67	221.2	72.15	214.1	70.02	198.7	66.67
	-7.0	-7.6	254.8	77.26	242.3	73.93	228.2	71.71	221.2	70.16	214.1	68.09	198.7	64.80
	-5.0	-5.6	257.5	74.32	242.3	71.22	228.2	69.10	221.2	67.53	214.1	65.52	198.7	62.29
	-3.0	-3.7	257.5	71.38	242.3	68.51	228.2	66.52	221.2	64.89	214.1	62.95	198.7	59.80
	0.0	-0.7	257.5	66.99	242.3	64.46	228.2	62.62	221.2	60.92	214.1	59.10	198.7	56.03
	3.0	2.2	257.5	62.57	242.3	60.38	228.2	58.70	221.2	56.95	214.1	55.27	198.7	52.29
	5.0	4.1	257.5	59.65	242.3	57.67	228.2	56.11	221.2	54.31	214.1	52.71	198.7	49.79
	7.0	6.0	257.5	56.73	242.3	54.98	228.2	53.50	221.2	51.67	214.1	50.14	198.7	47.26
	9.0	7.9	257.5	53.95	242.3	52.31	228.2	50.89	221.2	49.16	214.1	47.70	198.7	44.98
	11.0	9.8	257.5	51.21	242.3	49.63	228.2	48.28	221.2	46.64	214.1	45.25	198.7	42.67
	13.0	11.8	257.5	48.43	242.3	46.96	228.2	45.69	221.2	44.12	214.1	42.81	198.7	40.38
15.0	13.7	257.5	45.68	242.3	44.28	228.2	43.08	221.2	41.61	214.1	40.38	198.7	38.07	
80	-24.8	-25	150.4	72.11	150.4	73.49	149.5	74.45	149.5	74.92	149.5	77.21	147.0	73.92
	-21.8	-22	182.4	73.49	182.4	74.88	182.4	75.84	182.4	77.21	182.4	73.92	177.6	70.75
	-19.8	-20	193.0	74.41	193.0	75.78	193.0	77.21	193.0	74.88	190.7	71.71	177.6	68.62
	-18.8	-19	197.4	74.88	197.4	77.21	197.4	76.02	197.2	73.72	190.9	70.61	177.6	67.56
	-16.7	-17	204.1	77.21	204.1	74.76	204.1	73.55	198.0	71.26	190.9	68.30	177.6	65.34
	-13.7	-15	213.4	73.56	209.2	71.22	204.1	70.00	198.0	67.76	190.9	64.99	177.6	62.16
	-11.8	-13	218.7	71.25	212.3	68.98	204.1	67.74	198.0	65.56	190.9	62.89	177.6	60.16
	-9.8	-11	224.5	68.80	215.3	66.64	204.1	65.39	198.0	63.22	190.9	60.69	177.6	58.06
	-9.5	-10	226.1	68.43	216.5	66.28	204.1	65.03	198.0	62.87	190.9	60.36	177.6	57.73
	-8.5	-9.1	228.4	67.21	217.5	65.12	204.1	63.85	198.0	61.71	190.9	59.27	177.6	56.68
	-7.0	-7.6	230.7	65.39	217.5	63.36	204.1	62.07	198.0	59.96	190.9	57.60	177.6	55.08
	-5.0	-5.6	230.7	62.94	217.5	61.00	204.1	59.70	198.0	57.63	190.9	55.41	177.6	52.98
	-3.0	-3.7	230.7	60.49	217.5	58.64	204.1	57.36	198.0	55.30	190.9	53.20	177.6	50.85
	0.0	-0.7	230.7	56.85	217.5	55.14	204.1	53.80	198.0	51.78	190.9	49.91	177.6	47.70
	3.0	2.2	230.7	53.18	217.5	51.61	204.1	50.24	198.0	48.29	190.9	46.60	177.6	44.53
	5.0	4.1	230.7	50.76	217.5	49.25	204.1	47.89	198.0	45.96	190.9	44.40	177.6	42.40
	7.0	6.0	230.7	48.31	217.5	46.91	204.1	45.52	198.0	43.62	190.9	42.19	177.6	40.30
	9.0	7.9	230.7	45.36	217.5	44.04	204.1	42.74	198.0	40.96	190.9	39.63	177.6	37.83
	11.0	9.8	230.7	42.10	217.5	40.87	204.1	39.66	198.0	38.02	190.9	36.78	177.6	35.10
	13.0	11.8	230.7	39.29	217.5	38.15	204.1	37.04	198.0	35.49	190.9	34.32	177.6	32.77
15.0	13.7	230.7	37.00	217.5	35.93	204.1	34.86	198.0	33.40	190.9	32.32	177.6	30.86	

7. Capacity Tables

Heating Capacity (80HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	150.4	72.50	150.4	72.96	149.5	73.88	149.5	75.26	149.5	71.67	146.9	68.32
	-21.8	-22	174.9	73.88	174.9	74.33	173.8	75.26	167.8	71.67	162.8	68.32	152.0	65.07
	-19.8	-20	191.2	74.80	184.7	75.26	173.8	72.74	167.8	69.29	162.8	66.08	152.0	62.92
	-18.8	-19	195.4	75.26	184.7	73.95	173.8	71.48	167.8	68.09	162.8	64.96	152.0	61.85
	-16.7	-17	195.6	72.57	184.7	71.23	173.8	68.83	167.8	65.57	162.8	62.62	152.0	59.57
	-13.7	-15	195.6	68.70	184.7	67.32	173.8	65.07	167.8	61.99	162.8	59.27	152.0	56.33
	-11.8	-13	195.6	66.25	184.7	64.84	173.8	62.69	167.8	59.71	162.8	57.15	152.0	54.27
	-9.8	-11	195.6	63.67	184.7	62.24	173.8	60.15	167.8	57.33	162.8	54.90	152.0	52.13
	-9.5	-10	195.6	63.28	184.7	61.86	173.8	59.79	167.8	56.97	162.8	54.58	152.0	51.80
	-8.5	-9.1	195.6	62.00	184.7	60.55	173.8	58.51	167.8	55.77	162.8	53.46	152.0	50.71
	-7.0	-7.6	195.6	60.07	184.7	58.59	173.8	56.63	167.8	53.98	162.8	51.77	152.0	49.08
	-5.0	-5.6	195.6	57.51	184.7	55.99	173.8	54.11	167.8	51.60	162.8	49.54	152.0	46.93
	-3.0	-3.7	195.6	54.93	184.7	53.40	173.8	51.60	167.8	49.22	162.8	47.31	152.0	44.78
	0.0	-0.7	195.6	51.07	184.7	49.48	173.8	47.84	167.8	45.63	162.8	43.96	152.0	41.53
	3.0	2.2	195.6	47.21	184.7	45.59	173.8	44.06	167.8	42.05	162.8	40.61	152.0	38.29
	5.0	4.1	195.6	44.63	184.7	42.97	173.8	41.54	167.8	39.64	162.8	38.36	152.0	36.14
	7.0	6.0	195.6	42.06	184.7	40.37	173.8	39.02	167.8	37.26	162.8	36.13	152.0	33.97
	9.0	7.9	195.6	37.99	184.7	36.46	173.8	35.23	167.8	33.65	162.8	32.63	152.0	30.67
	11.0	9.8	195.6	35.36	184.7	33.94	173.8	32.82	167.8	31.33	162.8	30.38	152.0	28.56
	13.0	11.8	195.6	33.09	184.7	31.75	173.8	30.71	167.8	29.31	162.8	28.42	152.0	26.72
15.0	13.7	195.6	31.20	184.7	29.94	173.8	28.93	167.8	27.63	162.8	26.81	152.0	25.20	
60	-24.8	-25	149.2	71.53	149.2	72.43	148.2	73.82	144.0	70.00	139.0	66.41	130.2	63.05
	-21.8	-22	160.3	72.90	158.8	73.82	149.0	70.00	144.0	66.41	139.0	63.05	130.2	59.80
	-19.8	-20	167.8	73.82	158.8	71.11	149.0	67.45	144.0	64.03	139.0	60.80	130.2	57.61
	-18.8	-19	167.8	72.46	158.8	69.77	149.0	66.18	144.0	62.84	139.0	59.67	130.2	56.54
	-16.7	-17	167.8	69.60	158.8	66.94	149.0	63.51	144.0	60.32	139.0	57.31	130.2	54.26
	-13.7	-15	167.8	65.50	158.8	62.89	149.0	59.68	144.0	56.75	139.0	53.95	130.2	51.01
	-11.8	-13	167.8	62.91	158.8	60.32	149.0	57.26	144.0	54.48	139.0	51.82	130.2	48.95
	-9.8	-11	167.8	60.20	158.8	57.63	149.0	54.72	144.0	52.09	139.0	49.57	130.2	46.78
	-9.5	-10	167.8	59.79	158.8	57.22	149.0	54.34	144.0	51.73	139.0	49.25	130.2	46.46
	-8.5	-9.1	167.8	58.43	158.8	55.88	149.0	53.05	144.0	50.53	139.0	48.12	130.2	45.37
	-7.0	-7.6	167.8	56.38	158.8	53.84	149.0	51.16	144.0	48.75	139.0	46.43	130.2	43.74
	-5.0	-5.6	167.8	53.67	158.8	51.15	149.0	48.60	144.0	46.35	139.0	44.20	130.2	41.58
	-3.0	-3.7	167.8	50.94	158.8	48.45	149.0	46.05	144.0	43.97	139.0	41.94	130.2	39.41
	0.0	-0.7	167.8	46.85	158.8	44.40	149.0	42.25	144.0	40.39	139.0	38.58	130.2	36.15
	3.0	2.2	167.8	42.75	158.8	40.34	149.0	38.42	144.0	36.80	139.0	35.20	130.2	32.91
	5.0	4.1	167.8	40.05	158.8	37.65	149.0	35.87	144.0	34.40	139.0	32.97	130.2	30.75
	7.0	6.0	167.8	37.32	158.8	34.95	149.0	33.33	144.0	32.03	139.0	30.73	130.2	28.56
	9.0	7.9	167.8	33.30	158.8	31.18	149.0	29.73	144.0	28.58	139.0	27.41	130.2	25.49
	11.0	9.8	167.8	31.09	158.8	29.12	149.0	27.76	144.0	26.68	139.0	25.60	130.2	23.80
	13.0	11.8	167.8	29.13	158.8	27.28	149.0	26.02	144.0	25.00	139.0	23.97	130.2	22.29
15.0	13.7	167.8	27.52	158.8	25.78	149.0	24.57	144.0	23.62	139.0	22.67	130.2	21.08	
50	-24.8	-25	140.0	62.72	132.0	64.10	124.2	60.71	120.2	57.56	116.1	54.56	108.1	51.76
	-21.8	-22	140.0	64.10	132.0	60.71	124.2	57.56	120.2	54.56	116.1	51.76	108.1	49.07
	-19.8	-20	140.0	61.73	132.0	58.46	124.2	55.44	120.2	52.55	116.1	49.91	108.1	47.29
	-18.8	-19	140.0	60.55	132.0	57.33	124.2	54.37	120.2	51.54	116.1	48.97	108.1	46.39
	-16.7	-17	140.0	58.07	132.0	54.94	124.2	52.15	120.2	49.45	116.1	47.02	108.1	44.52
	-13.7	-15	140.0	54.54	132.0	51.56	124.2	48.99	120.2	46.46	116.1	44.23	108.1	41.84
	-11.8	-13	140.0	52.29	132.0	49.41	124.2	47.00	120.2	44.57	116.1	42.47	108.1	40.14
	-9.8	-11	140.0	49.94	132.0	47.16	124.2	44.88	120.2	42.57	116.1	40.61	108.1	38.34
	-9.5	-10	140.0	49.58	132.0	46.82	124.2	44.56	120.2	42.27	116.1	40.33	108.1	38.08
	-8.5	-9.1	140.0	48.40	132.0	45.69	124.2	43.51	120.2	41.26	116.1	39.41	108.1	37.18
	-7.0	-7.6	140.0	46.63	132.0	43.99	124.2	41.92	120.2	39.76	116.1	38.01	108.1	35.83
	-5.0	-5.6	140.0	44.28	132.0	41.73	124.2	39.81	120.2	37.77	116.1	36.13	108.1	34.05
	-3.0	-3.7	140.0	41.90	132.0	39.48	124.2	37.71	120.2	35.78	116.1	34.28	108.1	32.26
	0.0	-0.7	140.0	38.37	132.0	36.09	124.2	34.53	120.2	32.77	116.1	31.50	108.1	29.56
	3.0	2.2	140.0	34.81	132.0	32.71	124.2	31.36	120.2	29.78	116.1	28.71	108.1	26.90
	5.0	4.1	140.0	32.46	132.0	30.45	124.2	29.25	120.2	27.79	116.1	26.85	108.1	25.11
	7.0	6.0	140.0	30.10	132.0	28.18	124.2	27.16	120.2	25.80	116.1	24.98	108.1	23.31
	9.0	7.9	140.0	27.19	132.0	25.45	124.2	24.50	120.2	23.29	116.1	22.57	108.1	21.05
	11.0	9.8	140.0	25.43	132.0	23.81	124.2	22.94	120.2	21.79	116.1	21.11	108.1	19.70
	13.0	11.8	140.0	23.87	132.0	22.36	124.2	21.53	120.2	20.45	116.1	19.82	108.1	18.49
15.0	13.7	140.0	22.60	132.0	21.15	124.2	20.38	120.2	19.37	116.1	18.77	108.1	17.50	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM820BTE5

Heating Capacity (82HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	158.1	85.75	158.1	86.44	157.2	87.05	157.2	87.99	157.2	88.88	154.6	90.28
	-21.8	-22	193.2	87.15	193.2	87.86	191.9	88.47	191.9	89.40	191.9	90.28	188.6	91.70
	-19.8	-20	204.1	88.09	204.1	88.78	202.7	89.40	202.7	90.34	202.7	91.23	199.4	92.63
	-18.8	-19	208.8	88.55	208.8	89.25	207.4	89.87	207.4	90.82	207.4	91.70	203.9	93.10
	-16.7	-17	218.4	89.54	218.4	90.24	217.0	90.85	217.0	91.80	217.0	92.68	213.3	94.09
	-13.7	-15	232.1	90.95	232.1	91.64	230.7	92.26	230.7	93.20	230.7	94.09	226.7	90.54
	-11.8	-13	239.7	91.84	239.7	92.55	238.3	93.16	238.3	94.09	238.3	94.99	235.3	88.27
	-9.8	-11	247.7	92.78	247.7	93.47	246.1	94.09	246.1	94.99	246.1	95.88	243.9	85.89
	-9.5	-10	249.1	92.92	249.1	93.62	247.6	93.69	247.6	94.59	247.6	95.48	245.3	85.55
	-8.5	-9.1	254.1	93.40	254.1	94.09	252.6	92.40	252.6	89.87	251.4	87.54	249.6	84.35
	-7.0	-7.6	261.6	94.09	261.6	92.18	259.9	90.45	259.9	87.96	259.9	85.64	256.7	82.57
	-5.0	-5.6	271.6	91.62	271.6	89.63	269.8	87.84	269.8	85.41	269.8	83.14	265.6	80.21
	-3.0	-3.7	281.6	89.17	281.6	87.08	279.8	85.22	279.8	82.87	279.8	80.60	274.5	77.83
	0.0	-0.7	296.5	85.46	296.5	83.27	294.6	81.31	294.6	79.01	294.6	76.82	287.8	74.27
	3.0	2.2	311.5	81.76	311.5	79.43	309.5	77.41	309.5	75.19	308.0	73.04	288.7	70.72
	5.0	4.1	320.8	79.29	320.8	76.88	319.1	74.79	317.9	72.64	310.0	70.52	288.7	68.34
	7.0	6.0	329.0	76.82	329.0	74.36	327.0	72.19	321.4	70.10	310.0	68.01	288.7	65.96
9.0	7.9	330.5	74.80	330.5	72.38	329.4	70.28	321.4	68.23	310.0	66.21	288.7	64.21	
11.0	9.8	330.5	73.42	330.5	71.05	329.4	68.99	321.4	66.98	310.0	64.98	288.7	63.03	
13.0	11.8	330.5	71.92	330.5	69.60	329.4	67.59	321.4	65.62	310.0	63.66	288.7	61.76	
15.0	13.7	330.5	70.33	330.5	68.06	329.4	66.09	321.4	64.16	310.0	62.24	288.7	60.38	
120	-24.8	-25	157.1	86.44	157.1	87.05	156.1	87.99	156.1	88.88	156.1	90.28	153.5	91.27
	-21.8	-22	191.8	87.86	191.8	88.47	190.5	89.40	190.5	90.28	190.5	91.70	187.4	92.68
	-19.8	-20	202.7	88.78	202.7	89.40	201.3	90.34	201.3	91.23	201.3	92.63	198.0	93.62
	-18.8	-19	207.2	89.25	207.2	89.87	205.8	90.82	205.8	91.70	205.8	93.10	202.5	94.09
	-16.7	-17	216.8	90.24	216.8	90.85	215.4	91.80	215.4	92.68	215.4	94.09	211.7	91.80
	-13.7	-15	230.4	91.64	230.4	92.26	229.0	93.20	229.0	94.09	229.0	90.68	225.1	88.52
	-11.8	-13	237.9	92.55	237.9	93.16	236.5	94.09	236.5	94.99	236.5	95.88	233.5	86.45
	-9.8	-11	245.9	93.47	245.9	94.09	244.5	91.43	244.5	89.13	244.5	86.25	242.3	84.28
	-9.5	-10	247.4	93.62	247.4	93.67	246.0	91.05	246.0	88.75	246.0	85.90	243.7	83.94
	-8.5	-9.1	252.4	94.09	252.4	92.27	250.6	89.71	250.6	87.47	250.6	84.78	248.1	82.85
	-7.0	-7.6	259.8	92.01	259.8	90.15	258.2	87.71	258.2	85.57	258.2	83.06	254.9	81.23
	-5.0	-5.6	269.8	89.21	269.8	87.35	268.0	85.05	268.0	83.04	268.0	80.78	263.8	79.03
	-3.0	-3.7	279.6	86.42	279.6	84.55	277.8	82.40	277.8	80.48	277.8	78.52	271.2	76.86
	0.0	-0.7	294.4	82.22	294.4	80.34	292.4	78.41	292.4	76.68	291.2	75.09	271.2	73.57
	3.0	2.2	309.2	78.04	309.2	76.12	306.5	74.43	301.1	72.88	291.8	71.69	271.2	70.31
	5.0	4.1	318.6	75.25	318.1	73.29	311.6	71.75	301.1	70.32	291.8	69.40	271.2	68.13
	7.0	6.0	326.8	72.45	324.5	70.49	311.6	69.11	301.1	67.78	291.8	67.15	271.2	65.94
9.0	7.9	327.9	70.36	324.5	68.46	311.6	67.12	301.1	65.83	291.8	65.20	271.2	64.05	
11.0	9.8	327.9	68.89	324.5	67.03	311.6	65.69	301.1	64.44	291.8	63.84	271.2	62.70	
13.0	11.8	327.9	67.30	324.5	65.46	311.6	64.18	301.1	62.97	291.8	62.36	271.2	61.26	
15.0	13.7	327.9	65.59	324.5	63.82	311.6	62.57	301.1	61.37	291.8	60.78	271.2	59.70	
110	-24.8	-25	156.3	87.05	156.3	87.99	155.3	88.88	155.3	90.28	155.3	91.27	152.6	91.74
	-21.8	-22	190.8	88.47	190.8	89.40	189.5	90.28	189.5	91.70	189.5	92.68	186.4	93.16
	-19.8	-20	201.6	89.40	201.6	90.34	200.4	91.23	200.4	92.63	200.4	93.62	196.9	94.09
	-18.8	-19	206.1	89.87	206.1	90.82	204.7	91.70	204.7	93.10	204.7	94.09	201.4	92.88
	-16.7	-17	215.7	90.85	215.7	91.80	214.3	92.68	214.3	94.09	214.3	91.61	210.6	90.33
	-13.7	-15	229.1	92.26	229.1	93.20	227.7	94.09	227.7	90.34	227.7	88.05	227.7	86.71
	-11.8	-13	236.7	93.16	236.7	94.09	235.2	91.43	235.2	87.97	235.2	85.82	235.2	84.39
	-9.8	-11	244.5	94.09	244.5	91.11	243.1	88.66	243.1	85.46	243.1	83.45	242.0	81.99
	-9.5	-10	246.0	93.60	246.0	90.65	244.6	88.24	244.6	85.07	244.6	83.11	243.7	81.62
	-8.5	-9.1	251.0	91.99	251.0	89.15	249.5	86.84	249.5	83.82	249.5	81.92	244.0	80.40
	-7.0	-7.6	258.4	89.56	258.4	86.90	256.8	84.74	256.8	81.94	256.8	80.14	244.0	78.59
	-5.0	-5.6	268.2	86.34	268.2	83.92	266.4	81.95	266.4	79.45	261.2	77.78	244.0	76.16
	-3.0	-3.7	278.1	83.11	278.1	80.92	276.2	79.16	270.5	76.95	261.2	75.43	244.0	73.75
	0.0	-0.7	292.8	78.26	292.4	76.43	279.5	74.98	270.5	73.18	261.2	71.87	244.0	70.11
	3.0	2.2	307.1	73.42	297.9	71.95	279.5	70.79	270.5	69.43	261.2	68.33	244.0	66.47
	5.0	4.1	315.2	70.19	297.9	68.94	279.5	68.00	270.5	66.93	261.2	65.96	244.0	64.06
	7.0	6.0	315.2	66.96	297.9	65.96	279.5	65.21	270.5	64.42	261.2	63.59	244.0	61.63
9.0	7.9	315.2	64.75	297.9	63.76	279.5	63.05	270.5	62.28	261.2	61.48	244.0	59.58	
11.0	9.8	315.2	63.06	297.9	62.11	279.5	61.42	270.5	60.67	261.2	59.91	244.0	58.06	
13.0	11.8	315.2	61.28	297.9	60.37	279.5	59.70	270.5	58.95	261.2	58.20	244.0	56.42	
15.0	13.7	315.2	59.39	297.9	58.50	279.5	57.85	270.5	57.13	261.2	56.40	244.0	54.67	

7. Capacity Tables

Heating Capacity (82HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	155.6	96.48	155.6	96.15	154.6	89.82	154.6	95.39	154.6	95.06	151.9	94.88
	-21.8	-22	189.8	96.00	189.8	95.67	188.8	92.64	188.8	94.90	188.8	95.89	185.4	94.41
	-19.8	-20	200.7	95.67	200.7	95.36	199.5	94.43	199.5	94.58	199.5	94.70	196.2	94.09
	-18.8	-19	205.1	95.51	204.0	95.20	204.0	94.90	204.0	94.42	204.0	94.09	200.4	92.60
	-16.7	-17	213.4	95.18	213.4	94.87	213.4	95.89	212.2	94.09	212.2	91.04	208.5	89.50
	-13.7	-15	228.0	94.71	228.0	94.39	226.7	94.09	226.7	89.65	226.7	86.66	223.0	85.03
	-11.8	-13	235.5	94.41	234.2	94.09	234.2	91.12	234.2	86.85	234.2	83.88	223.0	82.21
	-9.8	-11	243.2	94.09	243.2	90.77	242.1	88.00	242.1	83.87	239.3	80.97	223.0	79.25
	-9.5	-10	244.6	93.56	244.6	90.26	243.5	87.51	243.5	83.45	239.3	80.53	223.0	78.81
	-8.5	-9.1	249.6	91.82	249.6	88.59	248.5	85.95	247.5	81.97	239.3	79.07	223.0	77.32
	-7.0	-7.6	261.2	89.22	260.2	86.11	255.7	83.61	247.5	79.75	239.3	76.89	223.0	75.09
	-5.0	-5.6	272.6	85.74	269.9	82.77	255.7	80.47	247.5	76.78	239.3	73.97	223.0	72.13
	-3.0	-3.7	280.5	82.24	272.1	79.44	255.7	77.34	247.5	73.83	239.3	71.06	223.0	69.16
	0.0	-0.7	288.4	77.03	272.1	74.45	255.7	72.65	247.5	69.38	239.3	66.69	223.0	64.71
	3.0	2.2	288.4	71.80	272.1	69.44	255.7	67.96	247.5	64.94	239.3	62.31	223.0	60.25
	5.0	4.1	288.4	68.31	272.1	66.13	255.7	64.82	247.5	61.99	239.3	59.40	223.0	57.29
	7.0	6.0	288.4	64.83	272.1	62.79	255.7	61.70	247.5	59.03	239.3	56.48	223.0	54.32
	9.0	7.9	288.4	62.36	272.1	60.39	255.7	59.35	247.5	56.78	239.3	54.32	223.0	52.24
	11.0	9.8	288.4	60.40	272.1	58.52	255.7	57.50	247.5	55.01	239.3	52.62	223.0	50.60
	13.0	11.8	288.4	58.32	272.1	56.49	255.7	55.51	247.5	53.11	239.3	50.82	223.0	48.87
15.0	13.7	288.4	56.14	272.1	54.38	255.7	53.43	247.5	51.10	239.3	48.91	223.0	47.03	
90	-24.8	-25	154.9	85.69	154.9	87.11	154.0	88.09	154.0	88.56	154.0	89.50	151.5	90.91
	-21.8	-22	189.1	87.11	189.1	88.51	188.1	89.50	188.1	89.97	188.1	90.91	184.7	86.99
	-19.8	-20	199.9	88.04	199.9	89.45	198.6	90.44	198.6	90.91	198.6	88.24	195.3	84.38
	-18.8	-19	205.1	88.51	204.0	89.92	203.1	90.91	203.1	89.54	203.1	86.90	199.7	83.07
	-16.7	-17	213.4	89.50	213.4	90.91	212.5	88.06	212.5	86.64	212.5	84.09	203.7	80.33
	-13.7	-15	228.0	90.91	228.0	86.67	225.9	83.99	225.9	82.49	219.5	80.07	203.7	76.42
	-11.8	-13	235.5	88.00	234.2	83.98	233.3	81.41	226.7	79.87	219.5	77.53	203.7	73.93
	-9.8	-11	243.2	84.93	243.2	81.17	234.0	78.68	226.7	77.12	219.5	74.84	203.7	71.32
	-9.5	-10	244.6	84.48	244.6	80.73	234.0	78.29	226.7	76.71	219.5	74.46	203.7	70.92
	-8.5	-9.1	249.6	82.95	247.9	79.31	234.0	76.92	226.7	75.33	219.5	73.12	203.7	69.61
	-7.0	-7.6	261.2	80.66	248.5	77.20	234.0	74.88	226.7	73.26	219.5	71.10	203.7	67.66
	-5.0	-5.6	264.0	77.61	248.5	74.37	234.0	72.16	226.7	70.52	219.5	68.42	203.7	65.05
	-3.0	-3.7	264.0	74.54	248.5	71.54	234.0	69.47	226.7	67.76	219.5	65.74	203.7	62.45
	0.0	-0.7	264.0	69.96	248.5	67.32	234.0	65.40	226.7	63.62	219.5	61.72	203.7	58.51
	3.0	2.2	264.0	65.35	248.5	63.07	234.0	61.31	226.7	59.48	219.5	57.73	203.7	54.61
	5.0	4.1	264.0	62.30	248.5	60.23	234.0	58.60	226.7	56.72	219.5	55.05	203.7	52.00
	7.0	6.0	264.0	59.25	248.5	57.42	234.0	55.88	226.7	53.97	219.5	52.38	203.7	49.37
	9.0	7.9	264.0	56.36	248.5	54.64	234.0	53.16	226.7	51.35	219.5	49.83	203.7	46.99
	11.0	9.8	264.0	53.49	248.5	51.85	234.0	50.44	226.7	48.73	219.5	47.28	203.7	44.57
	13.0	11.8	264.0	50.60	248.5	49.06	234.0	47.74	226.7	46.10	219.5	44.73	203.7	42.19
15.0	13.7	264.0	47.73	248.5	46.26	234.0	45.01	226.7	43.48	219.5	42.20	203.7	39.78	
80	-24.8	-25	154.3	75.40	154.3	76.80	153.3	77.78	153.3	78.27	153.3	80.60	150.8	77.17
	-21.8	-22	187.1	76.80	187.1	78.22	187.1	79.21	187.1	80.60	187.1	77.17	182.0	73.86
	-19.8	-20	197.9	77.75	197.9	79.14	197.9	80.60	197.9	78.17	195.5	74.87	182.0	71.64
	-18.8	-19	202.3	78.22	202.3	80.60	202.3	79.37	202.2	76.96	195.7	73.72	182.0	70.54
	-16.7	-17	209.2	80.60	209.2	78.05	209.2	76.79	203.0	74.40	195.7	71.31	182.0	68.23
	-13.7	-15	218.8	76.80	214.4	74.36	209.2	73.08	203.0	70.75	195.7	67.85	182.0	64.91
	-11.8	-13	224.2	74.38	217.6	72.02	209.2	70.73	203.0	68.45	195.7	65.66	182.0	62.82
	-9.8	-11	230.2	71.84	220.8	69.58	209.2	68.28	203.0	66.01	195.7	63.37	182.0	60.62
	-9.5	-10	231.8	71.45	222.0	69.20	209.2	67.90	203.0	65.64	195.7	63.03	182.0	60.29
	-8.5	-9.1	234.2	70.17	223.0	67.99	209.2	66.67	203.0	64.44	195.7	61.89	182.0	59.18
	-7.0	-7.6	236.5	68.28	223.0	66.16	209.2	64.82	203.0	62.61	195.7	60.15	182.0	57.52
	-5.0	-5.6	236.5	65.72	223.0	63.69	209.2	62.34	203.0	60.18	195.7	57.86	182.0	55.32
	-3.0	-3.7	236.5	63.17	223.0	61.24	209.2	59.89	203.0	57.74	195.7	55.56	182.0	53.10
	0.0	-0.7	236.5	59.37	223.0	57.58	209.2	56.19	203.0	54.08	195.7	52.13	182.0	49.81
	3.0	2.2	236.5	55.54	223.0	53.90	209.2	52.47	203.0	50.43	195.7	48.67	182.0	46.50
	5.0	4.1	236.5	53.01	223.0	51.44	209.2	50.02	203.0	48.00	195.7	46.37	182.0	44.29
	7.0	6.0	236.5	50.46	223.0	49.00	209.2	47.55	203.0	45.57	195.7	44.07	182.0	42.09
	9.0	7.9	236.5	47.38	223.0	46.00	209.2	44.64	203.0	42.79	195.7	41.40	182.0	39.51
	11.0	9.8	236.5	43.98	223.0	42.69	209.2	41.43	203.0	39.72	195.7	38.41	182.0	36.67
	13.0	11.8	236.5	41.04	223.0	39.84	209.2	38.68	203.0	37.07	195.7	35.85	182.0	34.22
15.0	13.7	236.5	38.64	223.0	37.53	209.2	36.41	203.0	34.89	195.7	33.76	182.0	32.24	

7. Capacity Tables

Heating Capacity (82HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	154.3	75.75	154.3	76.22	153.3	77.17	153.3	78.57	153.3	74.83	150.7	71.33
	-21.8	-22	179.3	77.17	179.3	77.63	178.2	78.57	172.0	74.83	167.0	71.33	155.8	67.94
	-19.8	-20	195.9	78.10	189.3	78.57	178.2	75.95	172.0	72.34	167.0	68.99	155.8	65.70
	-18.8	-19	200.4	78.57	189.3	77.21	178.2	74.63	172.0	71.09	167.0	67.83	155.8	64.58
	-16.7	-17	200.6	75.77	189.3	74.37	178.2	71.87	172.0	68.47	167.0	65.39	155.8	62.20
	-13.7	-15	200.6	71.73	189.3	70.29	178.2	67.94	172.0	64.73	167.0	61.88	155.8	58.82
	-11.8	-13	200.6	69.18	189.3	67.70	178.2	65.46	172.0	62.35	167.0	59.67	155.8	56.67
	-9.8	-11	200.6	66.48	189.3	64.99	178.2	62.81	172.0	59.87	167.0	57.33	155.8	54.43
	-9.5	-10	200.6	66.08	189.3	64.59	178.2	62.43	172.0	59.49	167.0	56.99	155.8	54.09
	-8.5	-9.1	200.6	64.74	189.3	63.23	178.2	61.10	172.0	58.24	167.0	55.83	155.8	52.95
	-7.0	-7.6	200.6	62.73	189.3	61.18	178.2	59.13	172.0	56.36	167.0	54.07	155.8	51.26
	-5.0	-5.6	200.6	60.06	189.3	58.46	178.2	56.51	172.0	53.88	167.0	51.73	155.8	49.01
	-3.0	-3.7	200.6	57.36	189.3	55.76	178.2	53.89	172.0	51.40	167.0	49.41	155.8	46.77
	0.0	-0.7	200.6	53.34	189.3	51.67	178.2	49.96	172.0	47.65	167.0	45.91	155.8	43.37
	3.0	2.2	200.6	49.31	189.3	47.61	178.2	46.02	172.0	43.91	167.0	42.41	155.8	39.99
	5.0	4.1	200.6	46.62	189.3	44.88	178.2	43.39	172.0	41.40	167.0	40.07	155.8	37.75
	7.0	6.0	200.6	43.94	189.3	42.16	178.2	40.76	172.0	38.92	167.0	37.74	155.8	35.48
	9.0	7.9	200.6	39.68	189.3	38.09	178.2	36.80	172.0	35.14	167.0	34.09	155.8	32.04
	11.0	9.8	200.6	36.94	189.3	35.45	178.2	34.29	172.0	32.73	167.0	31.74	155.8	29.83
	13.0	11.8	200.6	34.56	189.3	33.17	178.2	32.07	172.0	30.61	167.0	29.69	155.8	27.91
15.0	13.7	200.6	32.59	189.3	31.28	178.2	30.22	172.0	28.86	167.0	28.00	155.8	26.32	
60	-24.8	-25	152.9	74.76	152.9	75.68	152.0	77.10	147.6	73.11	142.5	69.36	133.4	65.85
	-21.8	-22	164.3	76.16	162.8	77.10	152.8	73.11	147.6	69.36	142.5	65.85	133.4	62.46
	-19.8	-20	172.0	77.10	162.8	74.27	152.8	70.45	147.6	66.88	142.5	63.50	133.4	60.17
	-18.8	-19	172.0	75.68	162.8	72.87	152.8	69.12	147.6	65.63	142.5	62.33	133.4	59.06
	-16.7	-17	172.0	72.69	162.8	69.91	152.8	66.33	147.6	63.00	142.5	59.86	133.4	56.67
	-13.7	-15	172.0	68.41	162.8	65.69	152.8	62.34	147.6	59.27	142.5	56.35	133.4	53.28
	-11.8	-13	172.0	65.71	162.8	63.00	152.8	59.80	147.6	56.90	142.5	54.12	133.4	51.13
	-9.8	-11	172.0	62.88	162.8	60.19	152.8	57.16	147.6	54.41	142.5	51.78	133.4	48.86
	-9.5	-10	172.0	62.45	162.8	59.76	152.8	56.75	147.6	54.03	142.5	51.44	133.4	48.52
	-8.5	-9.1	172.0	61.02	162.8	58.36	152.8	55.41	147.6	52.78	142.5	50.26	133.4	47.39
	-7.0	-7.6	172.0	58.89	162.8	56.24	152.8	53.43	147.6	50.92	142.5	48.50	133.4	45.69
	-5.0	-5.6	172.0	56.06	162.8	53.42	152.8	50.76	147.6	48.42	142.5	46.16	133.4	43.43
	-3.0	-3.7	172.0	53.20	162.8	50.60	152.8	48.09	147.6	45.92	142.5	43.81	133.4	41.16
	0.0	-0.7	172.0	48.93	162.8	46.37	152.8	44.13	147.6	42.19	142.5	40.29	133.4	37.76
	3.0	2.2	172.0	44.65	162.8	42.13	152.8	40.13	147.6	38.44	142.5	36.77	133.4	34.38
	5.0	4.1	172.0	41.83	162.8	39.32	152.8	37.46	147.6	35.93	142.5	34.44	133.4	32.11
	7.0	6.0	172.0	38.98	162.8	36.50	152.8	34.82	147.6	33.46	142.5	32.10	133.4	29.83
	9.0	7.9	172.0	34.78	162.8	32.57	152.8	31.05	147.6	29.85	142.5	28.63	133.4	26.62
	11.0	9.8	172.0	32.47	162.8	30.42	152.8	29.00	147.6	27.87	142.5	26.74	133.4	24.86
	13.0	11.8	172.0	30.42	162.8	28.50	152.8	27.18	147.6	26.12	142.5	25.04	133.4	23.29
15.0	13.7	172.0	28.74	162.8	26.92	152.8	25.66	147.6	24.67	142.5	23.68	133.4	22.02	
50	-24.8	-25	143.5	65.51	135.3	66.92	127.3	63.38	123.2	60.09	119.1	56.96	110.9	54.04
	-21.8	-22	143.5	66.92	135.3	63.38	127.3	60.09	123.2	56.96	119.1	54.04	110.9	51.24
	-19.8	-20	143.5	64.45	135.3	61.04	127.3	57.88	123.2	54.87	119.1	52.11	110.9	49.37
	-18.8	-19	143.5	63.21	135.3	59.85	127.3	56.77	123.2	53.82	119.1	51.13	110.9	48.43
	-16.7	-17	143.5	60.63	135.3	57.36	127.3	54.45	123.2	51.63	119.1	49.09	110.9	46.49
	-13.7	-15	143.5	56.95	135.3	53.83	127.3	51.15	123.2	48.51	119.1	46.18	110.9	43.68
	-11.8	-13	143.5	54.59	135.3	51.58	127.3	49.07	123.2	46.53	119.1	44.35	110.9	41.91
	-9.8	-11	143.5	52.14	135.3	49.24	127.3	46.86	123.2	44.45	119.1	42.41	110.9	40.03
	-9.5	-10	143.5	51.76	135.3	48.89	127.3	46.53	123.2	44.13	119.1	42.11	110.9	39.76
	-8.5	-9.1	143.5	50.54	135.3	47.70	127.3	45.43	123.2	43.09	119.1	41.15	110.9	38.83
	-7.0	-7.6	143.5	48.69	135.3	45.94	127.3	43.78	123.2	41.52	119.1	39.69	110.9	37.42
	-5.0	-5.6	143.5	46.24	135.3	43.58	127.3	41.57	123.2	39.44	119.1	37.73	110.9	35.55
	-3.0	-3.7	143.5	43.75	135.3	41.23	127.3	39.38	123.2	37.37	119.1	35.80	110.9	33.69
	0.0	-0.7	143.5	40.07	135.3	37.69	127.3	36.06	123.2	34.22	119.1	32.90	110.9	30.88
	3.0	2.2	143.5	36.36	135.3	34.16	127.3	32.76	123.2	31.10	119.1	29.99	110.9	28.09
	5.0	4.1	143.5	33.90	135.3	31.80	127.3	30.55	123.2	29.02	119.1	28.05	110.9	26.23
	7.0	6.0	143.5	31.44	135.3	29.43	127.3	28.37	123.2	26.95	119.1	26.10	110.9	24.35
	9.0	7.9	143.5	28.40	135.3	26.58	127.3	25.60	123.2	24.33	119.1	23.57	110.9	21.98
	11.0	9.8	143.5	26.56	135.3	24.87	127.3	23.96	123.2	22.76	119.1	22.05	110.9	20.57
	13.0	11.8	143.5	24.93	135.3	23.35	127.3	22.49	123.2	21.36	119.1	20.71	110.9	19.31
15.0	13.7	143.5	23.61	135.3	22.09	127.3	21.29	123.2	20.23	119.1	19.60	110.9	18.28	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM840BTE5

Heating Capacity (84HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	160.1	87.87	160.1	88.68	159.1	89.40	159.1	90.52	159.1	91.57	156.6	93.22
	-21.8	-22	196.4	89.52	196.4	90.36	195.0	91.08	195.0	92.18	195.0	93.22	191.6	94.91
	-19.8	-20	207.8	90.64	207.8	91.45	206.4	92.18	206.4	93.30	206.4	94.35	203.0	96.00
	-18.8	-19	212.7	91.17	212.7	92.01	211.3	92.74	211.3	93.86	211.3	94.91	207.6	96.56
	-16.7	-17	222.6	92.34	222.6	93.18	221.2	93.90	221.2	95.03	221.2	96.07	217.4	97.73
	-13.7	-15	236.7	94.02	236.7	94.83	235.3	95.56	235.3	96.68	235.3	97.73	231.2	94.06
	-11.8	-13	244.4	95.07	244.4	95.91	243.0	96.64	243.0	97.73	243.0	98.73	240.0	91.70
	-9.8	-11	252.5	96.19	252.5	97.00	251.0	97.73	251.0	98.73	251.0	99.73	248.9	89.23
	-9.5	-10	253.9	96.35	253.9	97.17	252.5	97.32	252.5	98.32	252.5	99.32	250.3	88.87
	-8.5	-9.1	259.0	96.92	259.0	97.73	257.6	98.32	257.6	99.32	257.6	100.32	254.8	87.63
	-7.0	-7.6	266.7	97.73	266.7	98.32	264.9	98.91	264.9	99.50	264.9	100.09	262.0	85.78
	-5.0	-5.6	276.9	98.32	276.9	98.91	275.1	99.50	275.1	100.09	275.1	100.68	271.1	83.34
	-3.0	-3.7	287.1	98.91	287.1	99.50	285.3	100.09	285.3	100.68	285.3	101.27	280.3	80.87
	0.0	-0.7	302.3	99.50	302.3	100.09	300.3	100.68	300.3	101.27	300.3	101.86	294.1	77.17
	3.0	2.2	317.6	100.09	317.6	100.68	315.5	101.27	315.5	101.86	315.5	102.45	294.4	73.50
	5.0	4.1	327.0	100.68	327.0	101.27	325.3	101.86	325.3	102.45	325.3	103.04	294.4	71.03
	7.0	6.0	335.4	101.27	335.4	101.86	333.4	102.45	333.4	103.04	333.4	103.63	294.4	68.56
	9.0	7.9	336.9	101.86	336.9	102.45	335.8	103.04	335.8	103.63	335.8	104.22	294.4	66.74
	11.0	9.8	336.9	102.45	336.9	103.04	335.8	103.63	335.8	104.22	335.8	104.81	294.4	65.53
13.0	11.8	336.9	103.04	336.9	103.63	335.8	104.22	335.8	104.81	335.8	105.40	294.4	64.21	
15.0	13.7	336.9	103.63	336.9	104.22	335.8	104.81	335.8	105.40	335.8	106.00	294.4	62.78	
120	-24.8	-25	159.1	88.68	159.1	89.40	158.0	90.52	158.0	91.57	158.0	92.64	155.5	94.39
	-21.8	-22	195.0	90.36	195.0	91.08	193.6	92.18	193.6	93.22	193.6	94.35	190.5	96.07
	-19.8	-20	206.4	91.45	206.4	92.18	205.0	93.30	205.0	94.35	205.0	95.40	201.6	97.17
	-18.8	-19	211.0	92.01	211.0	92.74	209.6	93.86	209.6	94.91	209.6	96.00	206.6	97.73
	-16.7	-17	220.9	93.18	220.9	93.90	219.5	95.03	219.5	96.07	219.5	97.17	215.7	95.36
	-13.7	-15	234.9	94.83	234.9	95.64	233.5	96.68	233.5	97.73	233.5	98.73	229.5	91.95
	-11.8	-13	242.6	95.91	242.6	96.74	241.2	97.73	241.2	98.73	241.2	99.73	238.2	89.81
	-9.8	-11	250.7	97.00	250.7	97.73	249.3	98.32	249.3	99.32	249.3	100.32	247.2	87.56
	-9.5	-10	252.2	97.17	252.2	97.29	250.8	97.86	250.8	98.86	250.8	99.86	248.7	87.20
	-8.5	-9.1	257.3	97.73	257.3	98.32	255.5	98.91	255.5	99.50	255.5	100.09	253.1	86.07
	-7.0	-7.6	264.9	98.32	264.9	98.91	263.2	99.50	263.2	100.09	263.2	100.68	260.2	84.40
	-5.0	-5.6	275.1	98.91	275.1	99.50	273.3	100.09	273.3	100.68	273.3	101.27	269.4	82.11
	-3.0	-3.7	285.0	99.50	285.0	100.09	283.2	100.68	283.2	101.27	283.2	101.86	276.5	79.86
	0.0	-0.7	300.2	100.09	300.2	100.68	298.1	101.27	298.1	101.86	298.1	102.45	276.5	76.45
	3.0	2.2	315.2	100.68	315.2	101.27	312.5	101.86	312.5	102.45	312.5	103.04	276.5	73.07
	5.0	4.1	324.8	101.27	324.8	101.86	321.6	102.45	321.6	103.04	321.6	103.63	276.5	70.81
	7.0	6.0	333.2	101.86	333.2	102.45	330.9	103.04	330.9	103.63	330.9	104.22	276.5	68.53
	9.0	7.9	334.4	102.45	334.4	103.04	332.9	103.63	332.9	104.22	332.9	104.81	276.5	66.58
	11.0	9.8	334.4	103.04	334.4	103.63	332.9	104.22	332.9	104.81	332.9	105.40	276.5	65.18
13.0	11.8	334.4	103.63	334.4	104.22	332.9	104.81	332.9	105.40	332.9	106.00	276.5	63.70	
15.0	13.7	334.4	104.22	334.4	104.81	332.9	105.40	332.9	106.00	332.9	106.60	276.5	62.08	
110	-24.8	-25	158.3	89.40	158.3	90.52	157.3	91.57	157.3	92.64	157.3	93.72	154.5	94.95
	-21.8	-22	194.0	91.08	194.0	92.18	192.6	93.22	192.6	94.35	192.6	95.40	189.5	96.64
	-19.8	-20	205.3	92.18	205.3	93.30	204.0	94.35	204.0	95.40	204.0	96.45	200.5	97.73
	-18.8	-19	209.9	92.74	209.9	93.86	208.5	94.91	208.5	96.00	208.5	97.09	205.1	96.47
	-16.7	-17	219.8	93.90	219.8	95.03	218.4	96.07	218.4	97.17	218.4	98.26	214.6	93.83
	-13.7	-15	233.6	95.64	233.6	96.68	232.1	97.73	232.1	98.73	232.1	99.73	231.1	90.08
	-11.8	-13	241.3	96.74	241.3	97.73	239.8	98.73	239.8	99.73	239.8	100.73	239.8	87.67
	-9.8	-11	249.3	97.73	249.3	98.73	247.9	99.73	247.9	100.73	247.9	101.73	247.0	85.18
	-9.5	-10	250.8	97.86	250.8	97.91	249.4	98.91	249.4	99.91	249.4	100.91	248.5	84.79
	-8.5	-9.1	255.9	98.32	255.9	98.91	254.4	99.50	254.4	100.09	254.4	100.68	248.8	83.53
	-7.0	-7.6	263.5	98.91	263.5	99.50	261.8	100.09	261.8	100.68	261.8	101.27	248.8	81.65
	-5.0	-5.6	273.4	99.50	273.4	100.09	271.6	100.68	271.6	101.27	271.6	101.86	248.8	79.13
	-3.0	-3.7	283.5	100.09	283.5	100.68	281.6	101.27	281.6	101.86	281.6	102.45	248.8	76.64
	0.0	-0.7	298.5	100.68	298.5	101.27	296.9	101.86	296.9	102.45	296.9	103.04	248.8	72.86
	3.0	2.2	313.0	101.27	313.0	101.86	311.4	102.45	311.4	103.04	311.4	103.63	248.8	69.07
	5.0	4.1	321.4	101.86	321.4	102.45	319.8	103.04	319.8	103.63	319.8	104.22	248.8	66.58
	7.0	6.0	321.4	102.45	321.4	103.04	319.8	103.63	319.8	104.22	319.8	104.81	248.8	64.06
	9.0	7.9	321.4	103.04	321.4	103.63	319.8	104.22	319.8	104.81	319.8	105.40	248.8	61.93
	11.0	9.8	321.4	103.63	321.4	104.22	319.8	104.81	319.8	105.40	319.8	106.00	248.8	60.36
13.0	11.8	321.4	104.22	321.4	104.81	319.8	105.40	319.8	106.00	319.8	106.60	248.8	58.66	
15.0	13.7	321.4	104.81	321.4	105.40	319.8	106.00	319.8	106.60	319.8	107.20	248.8	56.85	

7. Capacity Tables

Heating Capacity (84HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	157.6	99.47	157.6	99.22	156.6	92.98	156.6	98.68	156.6	98.44	153.8	98.30
	-21.8	-22	192.9	99.12	192.9	98.87	191.9	95.90	191.9	98.32	191.9	99.49	188.4	97.97
	-19.8	-20	204.3	98.87	204.3	98.65	203.2	97.76	203.2	98.08	203.2	98.33	199.8	97.73
	-18.8	-19	208.9	98.76	207.8	98.54	207.8	98.32	207.8	97.97	207.8	97.73	204.1	96.19
	-16.7	-17	217.4	98.52	217.4	98.30	217.4	99.49	216.3	97.73	216.3	94.57	212.5	92.97
	-13.7	-15	232.5	98.19	232.5	97.95	231.1	97.73	231.1	93.13	231.1	90.03	227.4	88.33
	-11.8	-13	240.2	97.97	238.8	97.73	238.8	94.66	238.8	90.22	238.8	87.13	227.4	85.40
	-9.8	-11	247.9	97.73	247.9	94.29	246.9	91.42	246.9	87.13	243.9	84.12	227.4	82.33
	-9.5	-10	249.4	97.18	249.4	93.76	248.3	90.91	248.3	86.70	243.9	83.66	227.4	81.87
	-8.5	-9.1	254.5	95.37	254.5	92.02	253.4	89.29	252.3	85.16	243.9	82.15	227.4	80.33
	-7.0	-7.6	266.3	92.69	265.3	89.46	260.7	86.87	252.3	82.86	243.9	79.89	227.4	78.01
	-5.0	-5.6	277.9	89.07	275.1	85.99	260.7	83.60	252.3	79.77	243.9	76.85	227.4	74.94
	-3.0	-3.7	286.0	85.44	277.5	82.53	260.7	80.35	252.3	76.71	243.9	73.84	227.4	71.86
	0.0	-0.7	294.0	80.04	277.5	77.36	260.7	75.49	252.3	72.09	243.9	69.30	227.4	67.25
	3.0	2.2	294.0	74.61	277.5	72.16	260.7	70.62	252.3	67.49	243.9	64.75	227.4	62.61
	5.0	4.1	294.0	70.99	277.5	68.73	260.7	67.37	252.3	64.43	243.9	61.74	227.4	59.54
	7.0	6.0	294.0	67.39	277.5	65.26	260.7	64.13	252.3	61.35	243.9	58.70	227.4	56.46
	9.0	7.9	294.0	64.82	277.5	62.77	260.7	61.70	252.3	59.03	243.9	56.46	227.4	54.30
	11.0	9.8	294.0	62.79	277.5	60.84	260.7	59.78	252.3	57.19	243.9	54.70	227.4	52.61
	13.0	11.8	294.0	60.64	277.5	58.74	260.7	57.72	252.3	55.23	243.9	52.85	227.4	50.81
15.0	13.7	294.0	58.39	277.5	56.56	260.7	55.57	252.3	53.14	243.9	50.87	227.4	48.91	
90	-24.8	-25	156.9	88.14	156.9	89.83	155.9	90.99	155.9	91.55	155.9	92.65	153.4	94.33
	-21.8	-22	192.2	89.83	192.2	91.48	191.2	92.65	191.2	93.21	191.2	94.33	187.7	90.26
	-19.8	-20	203.6	90.92	203.6	92.60	202.2	93.77	202.2	94.33	202.2	91.56	198.8	87.56
	-18.8	-19	208.9	91.48	207.8	93.16	206.8	94.33	206.8	92.91	206.8	90.17	203.4	86.21
	-16.7	-17	217.4	92.65	217.4	94.33	216.6	91.37	216.6	89.91	216.6	87.26	207.7	83.37
	-13.7	-15	232.5	94.33	232.5	89.94	230.4	87.16	230.4	85.61	223.8	83.10	207.7	79.33
	-11.8	-13	240.2	91.32	238.8	87.15	237.8	84.49	231.2	82.90	223.8	80.47	207.7	76.74
	-9.8	-11	247.9	88.14	247.9	84.25	238.6	81.67	231.2	80.05	223.8	77.69	207.7	74.04
	-9.5	-10	249.4	87.67	249.4	83.79	238.6	81.27	231.2	79.63	223.8	77.30	207.7	73.62
	-8.5	-9.1	254.5	86.09	252.7	82.32	238.6	79.85	231.2	78.20	223.8	75.91	207.7	72.27
	-7.0	-7.6	266.3	83.73	253.3	80.14	238.6	77.74	231.2	76.06	223.8	73.82	207.7	70.25
	-5.0	-5.6	269.1	80.57	253.3	77.21	238.6	74.92	231.2	73.22	223.8	71.04	207.7	67.55
	-3.0	-3.7	269.1	77.39	253.3	74.28	238.6	72.14	231.2	70.37	223.8	68.27	207.7	64.86
	0.0	-0.7	269.1	72.66	253.3	69.92	238.6	67.93	231.2	66.09	223.8	64.11	207.7	60.78
	3.0	2.2	269.1	67.89	253.3	65.52	238.6	63.69	231.2	61.79	223.8	59.98	207.7	56.74
	5.0	4.1	269.1	64.74	253.3	62.59	238.6	60.90	231.2	58.94	223.8	57.21	207.7	54.04
	7.0	6.0	269.1	61.59	253.3	59.69	238.6	58.08	231.2	56.09	223.8	54.44	207.7	51.31
	9.0	7.9	269.1	58.59	253.3	56.81	238.6	55.26	231.2	53.38	223.8	51.80	207.7	48.85
	11.0	9.8	269.1	55.63	253.3	53.92	238.6	52.45	231.2	50.67	223.8	49.16	207.7	46.35
	13.0	11.8	269.1	52.63	253.3	51.03	238.6	49.66	231.2	47.95	223.8	46.52	207.7	43.89
15.0	13.7	269.1	49.67	253.3	48.14	238.6	46.84	231.2	45.24	223.8	43.91	207.7	41.39	
80	-24.8	-25	156.2	77.47	156.2	79.13	155.2	80.29	155.2	80.86	155.2	83.63	152.7	80.08
	-21.8	-22	190.1	79.13	190.1	80.81	190.1	81.98	190.1	83.63	190.1	80.08	185.6	76.65
	-19.8	-20	201.5	80.25	201.5	81.90	201.5	83.63	201.5	81.11	199.4	77.70	185.6	74.35
	-18.8	-19	206.1	80.81	206.1	83.63	206.1	82.35	206.1	79.86	199.6	76.50	185.6	73.21
	-16.7	-17	213.3	83.63	213.3	80.99	213.3	79.68	207.0	77.20	199.6	74.01	185.6	70.81
	-13.7	-15	223.1	79.70	218.6	77.17	213.3	75.84	207.0	73.43	199.6	70.43	185.6	67.37
	-11.8	-13	228.5	77.20	221.8	74.75	213.3	73.41	207.0	71.05	199.6	68.16	185.6	65.21
	-9.8	-11	234.5	74.56	225.0	72.22	213.3	70.88	207.0	68.53	199.6	65.79	185.6	62.94
	-9.5	-10	236.2	74.16	226.3	71.83	213.3	70.49	207.0	68.14	199.6	65.43	185.6	62.59
	-8.5	-9.1	238.7	72.84	227.4	70.58	213.3	69.21	207.0	66.90	199.6	64.26	185.6	61.45
	-7.0	-7.6	241.1	70.88	227.4	68.69	213.3	67.29	207.0	65.01	199.6	62.45	185.6	59.72
	-5.0	-5.6	241.1	68.23	227.4	66.13	213.3	64.73	207.0	62.49	199.6	60.08	185.6	57.45
	-3.0	-3.7	241.1	65.59	227.4	63.59	213.3	62.20	207.0	59.97	199.6	57.70	185.6	55.15
	0.0	-0.7	241.1	61.66	227.4	59.81	213.3	58.36	207.0	56.17	199.6	54.15	185.6	51.75
	3.0	2.2	241.1	57.70	227.4	56.00	213.3	54.51	207.0	52.40	199.6	50.57	185.6	48.32
	5.0	4.1	241.1	55.09	227.4	53.46	213.3	51.98	207.0	49.88	199.6	48.19	185.6	46.02
	7.0	6.0	241.1	52.45	227.4	50.93	213.3	49.42	207.0	47.36	199.6	45.81	185.6	43.75
	9.0	7.9	241.1	49.25	227.4	47.81	213.3	46.40	207.0	44.47	199.6	43.03	185.6	41.07
	11.0	9.8	241.1	45.71	227.4	44.37	213.3	43.06	207.0	41.28	199.6	39.93	185.6	38.11
	13.0	11.8	241.1	42.65	227.4	41.41	213.3	40.21	207.0	38.53	199.6	37.26	185.6	35.57
15.0	13.7	241.1	40.17	227.4	39.01	213.3	37.84	207.0	36.26	199.6	35.09	185.6	33.51	

7. Capacity Tables

Heating Capacity (84HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	156.2	78.19	156.2	78.75	155.2	79.87	155.2	81.53	155.2	77.65	152.6	74.03
	-21.8	-22	182.8	79.87	182.8	80.41	181.7	81.53	175.4	77.65	170.2	74.03	158.9	70.51
	-19.8	-20	200.5	80.97	193.0	81.53	181.7	78.81	175.4	75.08	170.2	71.60	158.9	68.19
	-18.8	-19	204.3	81.53	193.0	80.12	181.7	77.44	175.4	73.78	170.2	70.40	158.9	67.03
	-16.7	-17	204.5	78.63	193.0	77.18	181.7	74.58	175.4	71.06	170.2	67.87	158.9	64.57
	-13.7	-15	204.5	74.45	193.0	72.95	181.7	70.52	175.4	67.19	170.2	64.24	158.9	61.06
	-11.8	-13	204.5	71.80	193.0	70.27	181.7	67.95	175.4	64.72	170.2	61.95	158.9	58.84
	-9.8	-11	204.5	69.01	193.0	67.47	181.7	65.20	175.4	62.15	170.2	59.52	158.9	56.52
	-9.5	-10	204.5	68.59	193.0	67.05	181.7	64.81	175.4	61.76	170.2	59.17	158.9	56.17
	-8.5	-9.1	204.5	67.21	193.0	65.64	181.7	63.43	175.4	60.46	170.2	57.97	158.9	54.98
	-7.0	-7.6	204.5	65.12	193.0	63.52	181.7	61.39	175.4	58.52	170.2	56.14	158.9	53.22
	-5.0	-5.6	204.5	62.36	193.0	60.70	181.7	58.67	175.4	55.95	170.2	53.72	158.9	50.90
	-3.0	-3.7	204.5	59.57	193.0	57.91	181.7	55.96	175.4	53.38	170.2	51.32	158.9	48.58
	0.0	-0.7	204.5	55.40	193.0	53.67	181.7	51.90	175.4	49.50	170.2	47.69	158.9	45.06
	3.0	2.2	204.5	51.23	193.0	49.47	181.7	47.81	175.4	45.63	170.2	44.07	158.9	41.55
	5.0	4.1	204.5	48.44	193.0	46.64	181.7	45.09	175.4	43.02	170.2	41.64	158.9	39.23
	7.0	6.0	204.5	45.67	193.0	43.82	181.7	42.37	175.4	40.45	170.2	39.22	158.9	36.88
	9.0	7.9	204.5	41.24	193.0	39.59	181.7	38.25	175.4	36.53	170.2	35.43	158.9	33.30
	11.0	9.8	204.5	38.39	193.0	36.84	181.7	35.64	175.4	34.02	170.2	32.99	158.9	31.00
	13.0	11.8	204.5	35.92	193.0	34.47	181.7	33.34	175.4	31.82	170.2	30.86	158.9	29.01
15.0	13.7	204.5	33.88	193.0	32.51	181.7	31.41	175.4	30.00	170.2	29.11	158.9	27.36	
60	-24.8	-25	155.6	77.10	155.6	78.19	154.6	79.87	150.5	75.75	145.3	71.87	136.1	68.24
	-21.8	-22	167.4	78.75	166.0	79.87	155.8	75.75	150.5	71.87	145.3	68.24	136.1	64.74
	-19.8	-20	175.4	79.87	166.0	76.94	155.8	72.99	150.5	69.31	145.3	65.82	136.1	62.37
	-18.8	-19	175.4	78.40	166.0	75.50	155.8	71.62	150.5	68.02	145.3	64.60	136.1	61.22
	-16.7	-17	175.4	75.32	166.0	72.45	155.8	68.75	150.5	65.30	145.3	62.05	136.1	58.75
	-13.7	-15	175.4	70.90	166.0	68.08	155.8	64.62	150.5	61.45	145.3	58.42	136.1	55.25
	-11.8	-13	175.4	68.10	166.0	65.31	155.8	62.00	150.5	59.00	145.3	56.12	136.1	53.02
	-9.8	-11	175.4	65.19	166.0	62.41	155.8	59.27	150.5	56.42	145.3	53.70	136.1	50.68
	-9.5	-10	175.4	64.74	166.0	61.96	155.8	58.85	150.5	56.03	145.3	53.35	136.1	50.33
	-8.5	-9.1	175.4	63.27	166.0	60.52	155.8	57.46	150.5	54.74	145.3	52.13	136.1	49.15
	-7.0	-7.6	175.4	61.06	166.0	58.32	155.8	55.42	150.5	52.82	145.3	50.31	136.1	47.40
	-5.0	-5.6	175.4	58.15	166.0	55.41	155.8	52.66	150.5	50.23	145.3	47.90	136.1	45.06
	-3.0	-3.7	175.4	55.20	166.0	52.50	155.8	49.90	150.5	47.65	145.3	45.46	136.1	42.72
	0.0	-0.7	175.4	50.79	166.0	48.13	155.8	45.81	150.5	43.80	145.3	41.83	136.1	39.20
	3.0	2.2	175.4	46.37	166.0	43.75	155.8	41.68	150.5	39.92	145.3	38.19	136.1	35.71
	5.0	4.1	175.4	43.46	166.0	40.85	155.8	38.92	150.5	37.33	145.3	35.78	136.1	33.37
	7.0	6.0	175.4	40.52	166.0	37.94	155.8	36.19	150.5	34.78	145.3	33.37	136.1	31.00
	9.0	7.9	175.4	36.15	166.0	33.85	155.8	32.27	150.5	31.03	145.3	29.76	136.1	27.67
	11.0	9.8	175.4	33.75	166.0	31.62	155.8	30.14	150.5	28.97	145.3	27.80	136.1	25.84
	13.0	11.8	175.4	31.62	166.0	29.62	155.8	28.25	150.5	27.15	145.3	26.02	136.1	24.20
15.0	13.7	175.4	29.87	166.0	27.98	155.8	26.67	150.5	25.64	145.3	24.61	136.1	22.89	
50	-24.8	-25	146.3	67.76	137.9	69.44	129.8	65.77	125.6	62.36	121.4	59.12	113.0	56.09
	-21.8	-22	146.3	69.44	137.9	65.77	129.8	62.36	125.6	59.12	121.4	56.09	113.0	53.18
	-19.8	-20	146.3	66.87	137.9	63.34	129.8	60.07	125.6	56.94	121.4	54.09	113.0	51.25
	-18.8	-19	146.3	65.59	137.9	62.11	129.8	58.91	125.6	55.85	121.4	53.07	113.0	50.27
	-16.7	-17	146.3	62.91	137.9	59.53	129.8	56.51	125.6	53.59	121.4	50.96	113.0	48.26
	-13.7	-15	146.3	59.10	137.9	55.87	129.8	53.09	125.6	50.36	121.4	47.94	113.0	45.35
	-11.8	-13	146.3	56.66	137.9	53.54	129.8	50.94	125.6	48.31	121.4	46.04	113.0	43.52
	-9.8	-11	146.3	54.12	137.9	51.11	129.8	48.65	125.6	46.14	121.4	44.03	113.0	41.56
	-9.5	-10	146.3	53.73	137.9	50.75	129.8	48.30	125.6	45.82	121.4	43.72	113.0	41.28
	-8.5	-9.1	146.3	52.46	137.9	49.52	129.8	47.17	125.6	44.73	121.4	42.73	113.0	40.32
	-7.0	-7.6	146.3	50.55	137.9	47.69	129.8	45.45	125.6	43.11	121.4	41.22	113.0	38.85
	-5.0	-5.6	146.3	48.01	137.9	45.25	129.8	43.16	125.6	40.96	121.4	39.18	113.0	36.92
	-3.0	-3.7	146.3	45.43	137.9	42.82	129.8	40.90	125.6	38.81	121.4	37.18	113.0	34.99
	0.0	-0.7	146.3	41.62	137.9	39.15	129.8	37.45	125.6	35.54	121.4	34.18	113.0	32.07
	3.0	2.2	146.3	37.77	137.9	35.49	129.8	34.03	125.6	32.31	121.4	31.16	113.0	29.19
	5.0	4.1	146.3	35.23	137.9	33.05	129.8	31.74	125.6	30.16	121.4	29.15	113.0	27.26
	7.0	6.0	146.3	32.68	137.9	30.59	129.8	29.49	125.6	28.01	121.4	27.12	113.0	25.30
	9.0	7.9	146.3	29.52	137.9	27.63	129.8	26.60	125.6	25.29	121.4	24.50	113.0	22.85
	11.0	9.8	146.3	27.60	137.9	25.85	129.8	24.91	125.6	23.65	121.4	22.92	113.0	21.38
	13.0	11.8	146.3	25.91	137.9	24.27	129.8	23.37	125.6	22.20	121.4	21.52	113.0	20.07
15.0	13.7	146.3	24.54	137.9	22.96	129.8	22.13	125.6	21.03	121.4	20.38	113.0	19.00	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM860BTE5

Heating Capacity (86HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	163.5	90.10	163.5	90.84	162.5	91.50	162.5	92.53	162.5	93.49	159.5	95.00
	-21.8	-22	201.3	91.61	201.3	92.38	199.8	93.04	199.8	94.04	199.8	95.00	195.9	96.53
	-19.8	-20	213.3	92.64	213.3	93.38	211.9	94.04	211.9	95.06	211.9	96.02	207.9	97.53
	-18.8	-19	218.3	93.12	218.3	93.89	216.9	94.55	216.9	95.58	216.9	96.53	212.6	98.04
	-16.7	-17	228.5	94.19	228.5	94.96	227.0	95.62	227.0	96.64	227.0	97.60	222.7	99.11
	-13.7	-15	242.9	95.73	242.9	96.47	241.5	97.13	241.5	98.15	241.5	99.11	236.8	95.52
	-11.8	-13	250.8	96.68	250.8	97.45	249.4	98.11	249.4	99.11	249.4	99.69	245.8	93.21
	-9.8	-11	259.1	97.71	259.1	98.45	257.6	99.11	257.6	99.65	257.6	99.65	255.2	90.80
	-9.5	-10	260.6	97.86	260.6	98.60	259.1	98.72	259.1	99.16	258.8	99.78	256.7	90.45
	-8.5	-9.1	265.6	98.37	265.6	99.11	264.1	97.44	264.1	98.88	263.0	99.50	261.4	89.24
	-7.0	-7.6	273.1	99.11	273.1	97.22	271.3	95.48	271.3	92.96	271.3	90.58	268.3	87.43
	-5.0	-5.6	283.2	96.69	283.2	94.70	281.4	92.88	281.4	90.40	281.4	88.06	277.7	85.05
	-3.0	-3.7	293.2	94.30	293.2	92.17	291.4	90.26	291.4	87.84	291.4	85.50	287.1	82.63
	0.0	-0.7	308.3	90.67	308.3	88.40	306.2	86.35	306.2	83.97	306.2	81.67	301.2	79.01
	3.0	2.2	323.4	87.04	323.4	84.60	321.2	82.47	321.2	80.13	321.2	77.87	301.5	75.42
	5.0	4.1	333.1	84.62	333.1	82.07	331.3	79.84	331.3	77.58	331.3	75.31	301.5	73.01
	7.0	6.0	343.2	82.20	343.2	79.58	341.0	77.25	335.6	75.02	323.8	72.79	301.5	70.59
	9.0	7.9	345.0	80.24	345.0	77.66	343.9	75.40	335.6	73.20	323.8	71.04	301.5	68.89
11.0	9.8	345.0	78.99	345.0	76.44	343.9	74.21	335.6	72.06	323.8	69.90	301.5	67.81	
13.0	11.8	345.0	77.60	345.0	75.09	343.9	72.93	335.6	70.81	323.8	68.69	301.5	66.63	
15.0	13.7	345.0	76.13	345.0	73.66	343.9	71.53	335.6	69.45	323.8	67.36	301.5	65.35	
120	-24.8	-25	162.4	90.84	162.4	91.50	161.4	92.53	161.4	93.49	161.4	95.00	158.4	96.06
	-21.8	-22	199.8	92.38	199.8	93.04	198.4	94.04	198.4	95.00	198.4	96.53	194.8	97.60
	-19.8	-20	211.8	93.38	211.8	94.04	210.4	95.06	210.4	96.02	210.4	97.53	206.4	98.60
	-18.8	-19	216.6	93.89	216.6	94.55	215.1	95.58	215.1	96.53	215.1	98.04	211.1	99.11
	-16.7	-17	226.7	94.96	226.7	95.62	225.3	96.64	225.3	97.60	225.3	99.11	220.9	96.80
	-13.7	-15	241.1	96.47	241.1	97.13	239.7	98.15	239.7	99.11	239.7	95.66	235.0	93.46
	-11.8	-13	249.0	97.45	249.0	98.11	247.6	99.11	247.6	96.69	247.6	93.49	244.0	91.37
	-9.8	-11	257.3	98.45	257.3	99.11	255.8	96.44	255.8	94.10	255.8	91.19	253.4	89.16
	-9.5	-10	258.8	98.60	258.8	98.68	257.3	96.05	257.3	93.71	257.3	90.83	254.9	88.81
	-8.5	-9.1	263.8	99.11	263.8	97.29	262.0	94.70	262.0	92.43	262.0	89.69	259.3	87.71
	-7.0	-7.6	271.3	97.04	271.3	95.16	269.5	92.68	269.5	90.51	269.5	87.96	266.5	86.07
	-5.0	-5.6	281.3	94.24	281.3	92.36	279.5	90.01	279.5	87.95	279.5	85.65	275.9	83.84
	-3.0	-3.7	291.1	91.46	291.1	89.55	289.3	87.35	289.3	85.37	289.3	83.37	283.2	81.64
	0.0	-0.7	306.1	87.27	306.1	85.32	304.0	83.33	304.0	81.53	304.0	79.90	283.2	78.30
	3.0	2.2	320.9	83.11	320.9	81.09	319.0	79.32	314.5	77.69	304.7	76.45	283.2	75.00
	5.0	4.1	330.9	80.34	330.9	78.25	325.2	76.62	314.5	75.10	304.7	74.14	283.2	72.79
	7.0	6.0	341.0	77.53	338.8	75.44	325.2	73.96	314.5	72.54	304.7	71.87	283.2	70.56
	9.0	7.9	342.4	75.47	338.8	73.45	325.2	72.00	314.5	70.62	304.7	69.95	283.2	68.71
11.0	9.8	342.4	74.08	338.8	72.09	325.2	70.65	314.5	69.30	304.7	68.66	283.2	67.42	
13.0	11.8	342.4	72.58	338.8	70.60	325.2	69.22	314.5	67.91	304.7	67.24	283.2	66.07	
15.0	13.7	342.4	70.94	338.8	69.03	325.2	67.68	314.5	66.38	304.7	65.74	283.2	64.57	
110	-24.8	-25	161.7	91.50	161.7	92.53	160.6	93.49	160.6	95.00	160.6	96.06	157.4	96.57
	-21.8	-22	198.7	93.04	198.7	94.04	197.3	95.00	197.3	96.53	197.3	97.60	193.7	98.11
	-19.8	-20	210.8	94.04	210.8	95.06	209.3	96.02	209.3	97.53	209.3	98.60	205.4	99.11
	-18.8	-19	215.5	94.55	215.5	95.58	214.0	96.53	214.0	98.04	214.0	99.11	210.1	97.87
	-16.7	-17	225.6	95.62	225.6	96.64	224.2	97.60	224.2	99.11	224.2	96.59	219.8	95.28
	-13.7	-15	239.7	97.13	239.7	98.15	238.3	99.11	238.3	95.31	238.3	92.97	238.3	91.58
	-11.8	-13	247.6	98.11	247.6	99.11	246.2	96.41	246.2	92.89	246.2	90.69	246.2	89.21
	-9.8	-11	255.9	99.11	255.9	96.09	254.4	93.60	254.4	90.34	254.4	88.28	253.5	86.76
	-9.5	-10	257.3	98.61	257.3	95.63	255.9	93.18	255.9	89.95	255.9	87.93	254.8	86.37
	-8.5	-9.1	262.3	96.98	262.3	94.10	260.9	91.76	260.9	88.67	260.9	86.72	254.8	85.13
	-7.0	-7.6	269.9	94.53	269.9	91.83	268.1	89.63	268.1	86.76	268.1	84.91	254.8	83.28
	-5.0	-5.6	279.6	91.26	279.6	88.81	277.8	86.79	277.8	84.23	272.8	82.50	254.8	80.80
	-3.0	-3.7	289.6	87.99	289.6	85.76	287.8	83.95	282.4	81.68	272.8	80.11	254.8	78.34
	0.0	-0.7	304.4	83.09	304.4	81.21	291.8	79.72	282.4	77.84	272.8	76.49	254.8	74.62
	3.0	2.2	319.1	78.19	311.2	76.67	291.8	75.46	282.4	74.04	272.8	72.87	254.8	70.89
	5.0	4.1	329.1	74.92	311.2	73.61	291.8	72.62	282.4	71.49	272.8	70.46	254.8	68.44
	7.0	6.0	329.2	71.66	311.2	70.59	291.8	69.78	282.4	68.93	272.8	68.05	254.8	65.96
	9.0	7.9	329.2	69.45	311.2	68.39	291.8	67.62	282.4	66.80	272.8	65.95	254.8	63.90
11.0	9.8	329.2	67.82	311.2	66.79	291.8	66.05	282.4	65.23	272.8	64.42	254.8	62.43	
13.0	11.8	329.2	66.07	311.2	65.08	291.8	64.37	282.4	63.56	272.8	62.75	254.8	60.83	
15.0	13.7	329.2	64.22	311.2	63.26	291.8	62.56	282.4	61.78	272.8	61.00	254.8	59.12	

7. Capacity Tables

Heating Capacity (86HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	161.0	101.5	161.0	101.2	159.9	94.56	159.9	100.4	159.9	100.1	156.7	99.89
	-21.8	-22	197.7	101.0	197.7	100.7	196.6	97.53	196.6	99.92	196.6	101.0	192.7	99.44
	-19.8	-20	209.7	100.7	209.7	100.4	208.6	99.41	208.6	99.59	208.6	99.75	204.6	99.11
	-18.8	-19	214.4	100.5	213.3	100.2	213.3	99.92	213.3	99.44	213.3	99.11	209.0	97.58
	-16.7	-17	223.1	100.2	223.1	99.89	223.1	101.0	222.0	99.11	222.0	99.98	217.7	94.39
	-13.7	-15	238.6	99.74	238.6	99.41	237.2	99.11	237.2	94.57	237.2	91.48	232.9	89.78
	-11.8	-13	246.5	99.44	245.1	99.11	245.1	96.09	245.1	91.69	245.1	88.61	232.9	86.87
	-9.8	-11	254.5	99.11	254.5	95.73	253.3	92.89	253.3	88.64	249.8	85.63	232.9	83.82
	-9.5	-10	255.9	98.58	255.9	95.20	254.8	92.40	254.8	88.21	249.8	85.17	232.9	83.36
	-8.5	-9.1	260.9	96.80	260.9	93.50	259.8	90.80	258.4	86.69	249.8	83.68	232.9	81.83
	-7.0	-7.6	272.8	94.17	271.7	90.98	267.0	88.42	258.4	84.42	249.8	81.44	232.9	79.53
	-5.0	-5.6	284.6	90.62	281.8	87.57	267.0	85.20	258.4	81.37	249.8	78.43	232.9	76.48
	-3.0	-3.7	292.9	87.07	284.2	84.17	267.0	82.00	258.4	78.35	249.8	75.44	232.9	73.43
	0.0	-0.7	301.1	81.78	284.2	79.09	267.0	77.21	258.4	73.78	249.8	70.94	232.9	68.85
	3.0	2.2	301.1	76.46	284.2	73.98	267.0	72.42	258.4	69.23	249.8	66.43	232.9	64.24
	5.0	4.1	301.1	72.91	284.2	70.60	267.0	69.22	258.4	66.21	249.8	63.45	232.9	61.19
	7.0	6.0	301.1	69.39	284.2	67.20	267.0	66.03	258.4	63.16	249.8	60.44	232.9	58.14
	9.0	7.9	301.1	66.91	284.2	64.79	267.0	63.69	258.4	60.93	249.8	58.28	232.9	56.06
	11.0	9.8	301.1	65.00	284.2	62.98	267.0	61.89	258.4	59.20	249.8	56.62	232.9	54.47
	13.0	11.8	301.1	62.98	284.2	61.00	267.0	59.94	258.4	57.36	249.8	54.89	232.9	52.77
15.0	13.7	301.1	60.84	284.2	58.94	267.0	57.91	258.4	55.38	249.8	53.01	232.9	50.97	
90	-24.8	-25	160.3	90.09	160.3	91.63	159.2	92.70	159.2	93.21	159.2	94.21	156.3	95.75
	-21.8	-22	197.0	91.63	197.0	93.14	195.9	94.21	195.9	94.72	195.9	95.75	191.9	91.68
	-19.8	-20	209.0	92.63	209.0	94.17	207.6	95.24	207.6	95.75	207.6	96.99	203.6	88.99
	-18.8	-19	214.4	93.14	213.3	94.68	212.3	95.75	212.3	94.33	212.3	91.61	208.3	87.65
	-16.7	-17	223.1	94.21	223.1	95.75	222.3	92.81	222.3	91.36	222.3	88.71	212.7	84.82
	-13.7	-15	238.6	95.75	238.6	91.40	236.5	88.64	236.5	87.08	229.2	84.57	212.7	80.78
	-11.8	-13	246.5	92.78	245.1	88.64	244.0	85.99	236.8	84.39	229.2	81.95	212.7	78.20
	-9.8	-11	254.5	89.63	254.5	85.77	244.4	83.19	236.8	81.56	229.2	79.19	212.7	75.51
	-9.5	-10	255.9	89.17	255.9	85.31	244.4	82.80	236.8	81.14	229.2	78.80	212.7	75.09
	-8.5	-9.1	260.9	87.61	259.1	83.86	244.4	81.39	236.8	79.72	229.2	77.42	212.7	73.74
	-7.0	-7.6	272.8	85.28	259.5	81.70	244.4	79.30	236.8	77.60	229.2	75.34	212.7	71.73
	-5.0	-5.6	275.7	82.16	259.5	78.80	244.4	76.50	236.8	74.77	229.2	72.58	212.7	69.04
	-3.0	-3.7	275.7	79.02	259.5	75.90	244.4	73.74	236.8	71.94	229.2	69.82	212.7	66.35
	0.0	-0.7	275.7	74.34	259.5	71.58	244.4	69.56	236.8	67.69	229.2	65.68	212.7	62.28
	3.0	2.2	275.7	69.64	259.5	67.23	244.4	65.36	236.8	63.41	229.2	61.57	212.7	58.24
	5.0	4.1	275.7	66.53	259.5	64.33	244.4	62.60	236.8	60.58	229.2	58.81	212.7	55.55
	7.0	6.0	275.7	63.41	259.5	61.46	244.4	59.80	236.8	57.75	229.2	56.05	212.7	52.83
	9.0	7.9	275.7	60.44	259.5	58.60	244.4	57.01	236.8	55.06	229.2	53.43	212.7	50.39
	11.0	9.8	275.7	57.50	259.5	55.73	244.4	54.21	236.8	52.37	229.2	50.82	212.7	47.91
	13.0	11.8	275.7	54.53	259.5	52.87	244.4	51.45	236.8	49.68	229.2	48.20	212.7	45.47
15.0	13.7	275.7	51.59	259.5	50.00	244.4	48.66	236.8	46.99	229.2	45.61	212.7	43.00	
80	-24.8	-25	159.6	79.26	159.6	80.77	158.5	81.84	158.5	82.35	158.5	84.89	155.6	81.35
	-21.8	-22	194.8	80.77	194.8	82.31	194.8	83.38	194.8	84.89	194.8	81.35	190.1	77.92
	-19.8	-20	206.8	81.80	206.8	83.31	206.8	84.89	206.8	82.38	204.4	78.98	190.1	75.62
	-18.8	-19	211.5	82.31	211.5	84.89	211.5	83.62	211.5	81.14	204.4	77.78	190.1	74.48
	-16.7	-17	218.5	84.89	218.5	82.27	218.5	80.96	212.0	78.48	204.4	75.30	190.1	72.08
	-13.7	-15	228.5	80.99	223.9	78.48	218.5	77.14	212.0	74.73	204.4	71.72	190.1	68.65
	-11.8	-13	234.0	78.52	227.1	76.08	218.5	74.73	212.0	72.36	204.4	69.46	190.1	66.49
	-9.8	-11	240.1	75.90	230.4	73.57	218.5	72.22	212.0	69.85	204.4	67.09	190.1	64.22
	-9.5	-10	241.9	75.51	231.8	73.18	218.5	71.83	212.0	69.46	204.4	66.74	190.1	63.87
	-8.5	-9.1	244.4	74.20	232.8	71.94	218.5	70.56	212.0	68.22	204.4	65.57	190.1	62.74
	-7.0	-7.6	246.9	72.25	232.8	70.06	218.5	68.65	212.0	66.34	204.4	63.77	190.1	61.01
	-5.0	-5.6	246.9	69.64	232.8	67.52	218.5	66.10	212.0	63.83	204.4	61.39	190.1	58.74
	-3.0	-3.7	246.9	67.02	232.8	65.00	218.5	63.59	212.0	61.32	204.4	59.02	190.1	56.44
	0.0	-0.7	246.9	63.13	232.8	61.25	218.5	59.77	212.0	57.54	204.4	55.48	190.1	53.04
	3.0	2.2	246.9	59.20	232.8	57.47	218.5	55.95	212.0	53.79	204.4	51.91	190.1	49.61
	5.0	4.1	246.9	56.62	232.8	54.95	218.5	53.43	212.0	51.27	204.4	49.54	190.1	47.31
	7.0	6.0	246.9	54.00	232.8	52.44	218.5	50.88	212.0	48.76	204.4	47.17	190.1	45.04
	9.0	7.9	246.9	50.71	232.8	49.22	218.5	47.77	212.0	45.79	204.4	44.30	190.1	42.29
	11.0	9.8	246.9	47.06	232.8	45.68	218.5	44.34	212.0	42.50	204.4	41.12	190.1	39.24
	13.0	11.8	246.9	43.92	232.8	42.64	218.5	41.40	212.0	39.67	204.4	38.36	190.1	36.63
15.0	13.7	246.9	41.36	232.8	40.16	218.5	38.96	212.0	37.33	204.4	36.13	190.1	34.50	

7. Capacity Tables

Heating Capacity (86HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	159.6	79.86	159.6	80.37	158.5	81.40	158.5	82.91	158.5	79.01	155.6	75.37
	-21.8	-22	187.2	81.40	187.2	81.88	186.1	82.91	179.7	79.01	174.3	75.37	162.8	71.83
	-19.8	-20	205.7	82.39	197.7	82.91	186.1	80.18	179.7	76.43	174.3	72.93	162.8	69.49
	-18.8	-19	209.5	82.91	197.7	81.49	186.1	78.80	179.7	75.12	174.3	71.72	162.8	68.33
	-16.7	-17	209.5	80.00	197.7	78.55	186.1	75.94	179.7	72.40	174.3	69.18	162.8	65.85
	-13.7	-15	209.5	75.83	197.7	74.31	186.1	71.86	179.7	68.50	174.3	65.53	162.8	62.31
	-11.8	-13	209.5	73.17	197.7	71.62	186.1	69.28	179.7	66.03	174.3	63.23	162.8	60.08
	-9.8	-11	209.5	70.38	197.7	68.82	186.1	66.53	179.7	63.45	174.3	60.79	162.8	57.75
	-9.5	-10	209.5	69.96	197.7	68.40	186.1	66.13	179.7	63.06	174.3	60.44	162.8	57.39
	-8.5	-9.1	209.5	68.58	197.7	66.98	186.1	64.76	179.7	61.75	174.3	59.23	162.8	56.19
	-7.0	-7.6	209.5	66.49	197.7	64.86	186.1	62.70	179.7	59.80	174.3	57.39	162.8	54.42
	-5.0	-5.6	209.5	63.73	197.7	62.03	186.1	59.98	179.7	57.22	174.3	54.95	162.8	52.09
	-3.0	-3.7	209.5	60.93	197.7	59.23	186.1	57.25	179.7	54.63	174.3	52.55	162.8	49.75
	0.0	-0.7	209.5	56.76	197.7	54.99	186.1	53.18	179.7	50.74	174.3	48.90	162.8	46.21
	3.0	2.2	209.5	52.58	197.7	50.78	186.1	49.08	179.7	46.85	174.3	45.26	162.8	42.68
	5.0	4.1	209.5	49.79	197.7	47.95	186.1	46.35	179.7	44.23	174.3	42.82	162.8	40.34
	7.0	6.0	209.5	47.03	197.7	45.12	186.1	43.63	179.7	41.65	174.3	40.38	162.8	37.97
	9.0	7.9	209.5	42.46	197.7	40.76	186.1	39.39	179.7	37.61	174.3	36.48	162.8	34.29
	11.0	9.8	209.5	39.53	197.7	37.94	186.1	36.69	179.7	35.03	174.3	33.97	162.8	31.92
	13.0	11.8	209.5	36.98	197.7	35.49	186.1	34.32	179.7	32.77	174.3	31.78	162.8	29.87
15.0	13.7	209.5	34.89	197.7	33.47	186.1	32.34	179.7	30.89	174.3	29.97	162.8	28.17	
60	-24.8	-25	159.4	78.86	159.4	79.86	158.3	81.40	154.2	77.23	148.8	73.31	139.4	69.63
	-21.8	-22	171.5	80.37	170.0	81.40	159.5	77.23	154.2	73.31	148.8	69.63	139.4	66.09
	-19.8	-20	179.7	81.40	170.0	78.43	159.5	74.44	154.2	70.72	148.8	67.19	139.4	63.69
	-18.8	-19	179.7	79.91	170.0	76.98	159.5	73.06	154.2	69.42	148.8	65.96	139.4	62.53
	-16.7	-17	179.7	76.80	170.0	73.90	159.5	70.16	154.2	66.66	148.8	63.38	139.4	60.02
	-13.7	-15	179.7	72.35	170.0	69.49	159.5	65.99	154.2	62.77	148.8	59.70	139.4	56.48
	-11.8	-13	179.7	69.53	170.0	66.70	159.5	63.34	154.2	60.30	148.8	57.37	139.4	54.22
	-9.8	-11	179.7	66.59	170.0	63.76	159.5	60.58	154.2	57.69	148.8	54.93	139.4	51.85
	-9.5	-10	179.7	66.14	170.0	63.31	159.5	60.16	154.2	57.30	148.8	54.57	139.4	51.50
	-8.5	-9.1	179.7	64.65	170.0	61.86	159.5	58.75	154.2	55.99	148.8	53.34	139.4	50.30
	-7.0	-7.6	179.7	62.43	170.0	59.63	159.5	56.69	154.2	54.04	148.8	51.50	139.4	48.53
	-5.0	-5.6	179.7	59.49	170.0	56.70	159.5	53.91	154.2	51.43	148.8	49.06	139.4	46.16
	-3.0	-3.7	179.7	56.52	170.0	53.77	159.5	51.12	154.2	48.82	148.8	46.59	139.4	43.79
	0.0	-0.7	179.7	52.07	170.0	49.35	159.5	46.98	154.2	44.93	148.8	42.91	139.4	40.23
	3.0	2.2	179.7	47.62	170.0	44.93	159.5	42.81	154.2	41.01	148.8	39.24	139.4	36.69
	5.0	4.1	179.7	44.69	170.0	42.00	159.5	40.02	154.2	38.39	148.8	36.80	139.4	34.32
	7.0	6.0	179.7	41.72	170.0	39.07	159.5	37.26	154.2	35.81	148.8	34.36	139.4	31.92
	9.0	7.9	179.7	37.22	170.0	34.86	159.5	33.23	154.2	31.95	148.8	30.64	139.4	28.49
	11.0	9.8	179.7	34.75	170.0	32.55	159.5	31.03	154.2	29.83	148.8	28.62	139.4	26.61
	13.0	11.8	179.7	32.55	170.0	30.50	159.5	29.08	154.2	27.95	148.8	26.79	139.4	24.91
15.0	13.7	179.7	30.75	170.0	28.81	159.5	27.46	154.2	26.40	148.8	25.34	139.4	23.56	
50	-24.8	-25	149.9	68.94	141.3	70.48	132.9	66.80	128.6	63.37	124.3	60.12	115.7	57.07
	-21.8	-22	149.9	70.48	141.3	66.80	132.9	63.37	128.6	60.12	124.3	57.07	115.7	54.14
	-19.8	-20	149.9	67.90	141.3	64.36	132.9	61.07	128.6	57.93	124.3	55.06	115.7	52.19
	-18.8	-19	149.9	66.63	141.3	63.13	132.9	59.91	128.6	56.83	124.3	54.03	115.7	51.20
	-16.7	-17	149.9	63.94	141.3	60.54	132.9	57.50	128.6	54.56	124.3	51.91	115.7	49.18
	-13.7	-15	149.9	60.12	141.3	56.86	132.9	54.07	128.6	51.31	124.3	48.87	115.7	46.25
	-11.8	-13	149.9	57.68	141.3	54.53	132.9	51.91	128.6	49.25	124.3	46.96	115.7	44.41
	-9.8	-11	149.9	55.13	141.3	52.09	132.9	49.61	128.6	47.06	124.3	44.94	115.7	42.43
	-9.5	-10	149.9	54.74	141.3	51.73	132.9	49.26	128.6	46.74	124.3	44.62	115.7	42.14
	-8.5	-9.1	149.9	53.47	141.3	50.50	132.9	48.12	128.6	45.65	124.3	43.63	115.7	41.19
	-7.0	-7.6	149.9	51.55	141.3	48.66	132.9	46.39	128.6	44.02	124.3	42.11	115.7	39.70
	-5.0	-5.6	149.9	49.01	141.3	46.21	132.9	44.09	128.6	41.86	124.3	40.06	115.7	37.76
	-3.0	-3.7	149.9	46.43	141.3	43.77	132.9	41.82	128.6	39.70	124.3	38.04	115.7	35.81
	0.0	-0.7	149.9	42.60	141.3	40.09	132.9	38.36	128.6	36.41	124.3	35.03	115.7	32.88
	3.0	2.2	149.9	38.75	141.3	36.41	132.9	34.93	128.6	33.16	124.3	31.99	115.7	29.97
	5.0	4.1	149.9	36.20	141.3	33.97	132.9	32.63	128.6	31.00	124.3	29.97	115.7	28.02
	7.0	6.0	149.9	33.65	141.3	31.50	132.9	30.36	128.6	28.84	124.3	27.92	115.7	26.05
	9.0	7.9	149.9	30.39	141.3	28.45	132.9	27.39	128.6	26.04	124.3	25.23	115.7	23.53
	11.0	9.8	149.9	28.42	141.3	26.61	132.9	25.65	128.6	24.35	124.3	23.60	115.7	22.01
	13.0	11.8	149.9	26.68	141.3	24.98	132.9	24.06	128.6	22.86	124.3	22.15	115.7	20.67
15.0	13.7	149.9	25.26	141.3	23.64	132.9	22.79	128.6	21.65	124.3	20.98	115.7	19.57	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM880BTE5

Heating Capacity (88HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	164.9	91.21	164.9	92.09	163.8	92.86	163.8	94.07	163.8	95.19	161.4	96.97
	-21.8	-22	203.2	92.99	203.2	93.89	201.8	94.67	201.8	95.84	201.8	96.97	198.5	98.77
	-19.8	-20	215.5	94.19	215.5	95.06	214.1	95.84	214.1	97.04	214.1	98.17	210.8	99.94
	-18.8	-19	220.7	94.76	220.7	95.67	219.3	96.44	219.3	97.64	219.3	98.77	215.7	100.5
	-16.7	-17	231.1	96.01	231.1	96.92	229.7	97.69	229.7	98.90	229.7	100.0	226.1	101.8
	-13.7	-15	246.0	97.82	246.0	98.69	244.5	99.47	244.5	100.7	244.5	101.8	240.6	98.16
	-11.8	-13	254.1	98.94	254.1	99.85	252.6	100.6	252.6	101.8	252.6	99.35	249.6	95.83
	-9.8	-11	262.6	100.2	262.6	101.0	261.1	101.8	261.1	99.21	261.1	96.80	259.0	93.39
	-9.5	-10	264.3	100.3	264.3	101.2	262.8	101.4	262.8	98.82	262.2	96.41	260.4	93.03
	-8.5	-9.1	270.4	100.9	270.4	101.8	268.9	100.1	268.9	97.53	266.6	95.12	265.1	91.80
	-7.0	-7.6	279.6	101.8	279.6	99.90	277.7	98.15	277.7	95.60	277.7	93.18	273.2	89.97
	-5.0	-5.6	291.8	99.38	291.8	97.37	289.9	95.54	289.9	93.02	289.9	90.63	282.9	87.56
	-3.0	-3.7	304.0	97.00	304.0	94.84	302.1	92.89	302.1	90.44	302.1	88.05	292.6	85.12
	0.0	-0.7	322.3	93.38	322.3	91.06	320.0	88.96	318.9	86.53	316.7	84.18	307.5	81.45
	3.0	2.2	335.1	89.76	335.1	87.25	333.1	85.06	331.5	82.66	329.3	80.33	308.6	77.82
	5.0	4.1	343.2	87.34	343.2	84.72	341.5	82.42	339.9	80.08	337.4	77.75	308.6	75.38
	7.0	6.0	351.6	84.93	351.6	82.22	349.6	79.81	347.5	77.50	334.4	75.20	308.6	72.94
9.0	7.9	353.1	82.98	353.1	80.31	352.0	77.97	349.5	75.70	334.4	73.47	308.6	71.24	
11.0	9.8	353.1	81.77	353.1	79.13	352.0	76.82	349.5	74.59	334.4	72.36	308.6	70.20	
13.0	11.8	353.1	80.41	353.1	77.81	352.0	75.57	347.5	73.37	334.4	71.18	308.6	69.05	
15.0	13.7	353.1	78.98	353.1	76.42	352.0	74.21	347.5	72.05	334.4	69.89	308.6	67.80	
120	-24.8	-25	163.8	92.09	163.8	92.86	162.7	94.07	162.7	95.19	162.7	96.97	160.3	98.22
	-21.8	-22	201.8	93.89	201.8	94.67	200.4	95.84	200.4	96.97	200.4	98.77	197.4	100.0
	-19.8	-20	214.1	95.06	214.1	95.84	212.6	97.04	212.6	98.17	212.6	99.94	209.3	101.2
	-18.8	-19	218.9	95.67	218.9	96.44	217.5	97.64	217.5	98.77	217.5	100.5	214.2	101.8
	-16.7	-17	229.3	96.92	229.3	97.69	227.9	98.90	227.9	100.0	227.9	101.8	224.3	99.46
	-13.7	-15	244.2	98.69	244.2	99.47	242.7	100.7	242.7	101.8	242.7	98.31	238.8	96.08
	-11.8	-13	252.3	99.85	252.3	100.6	250.8	101.8	250.8	99.35	250.8	96.12	247.8	93.96
	-9.8	-11	260.7	101.0	260.7	101.8	259.2	99.10	259.2	96.73	259.2	93.78	257.1	91.73
	-9.5	-10	262.5	101.2	262.5	101.4	261.0	98.71	261.0	96.34	261.0	93.43	258.9	91.37
	-8.5	-9.1	268.6	101.8	268.6	99.97	266.8	97.35	266.8	95.05	266.3	92.28	263.9	90.26
	-7.0	-7.6	277.7	99.72	277.7	97.82	275.9	95.31	275.9	93.11	274.0	90.52	271.3	88.60
	-5.0	-5.6	289.9	96.90	289.9	94.99	288.0	92.62	288.0	90.52	288.0	88.19	281.0	86.34
	-3.0	-3.7	301.7	94.11	301.7	92.16	299.9	89.92	299.9	87.91	299.0	85.88	289.2	84.11
	0.0	-0.7	320.0	89.90	319.5	87.90	315.2	85.87	313.2	84.03	311.3	82.37	289.8	80.74
	3.0	2.2	332.5	85.71	331.8	83.64	327.8	81.82	321.9	80.15	311.9	78.88	289.8	77.39
	5.0	4.1	340.9	82.92	340.2	80.77	332.9	79.10	321.9	77.53	311.9	76.55	289.8	75.16
	7.0	6.0	349.3	80.10	346.8	77.94	332.9	76.41	321.9	74.95	311.9	74.25	289.8	72.90
9.0	7.9	350.5	78.04	346.8	75.95	332.9	74.45	321.9	73.02	311.9	72.33	289.8	71.05	
11.0	9.8	350.5	76.67	346.8	74.62	332.9	73.12	321.9	71.73	311.9	71.07	289.8	69.79	
13.0	11.8	350.5	75.20	346.8	73.15	332.9	71.71	321.9	70.36	311.9	69.67	289.8	68.45	
15.0	13.7	350.5	73.58	346.8	71.60	332.9	70.20	321.9	68.85	311.9	68.19	289.8	66.98	
110	-24.8	-25	163.0	92.86	163.0	94.07	162.0	95.19	162.0	96.97	162.0	98.22	159.3	98.82
	-21.8	-22	200.7	94.67	200.7	95.84	199.3	96.97	199.3	98.77	199.3	100.0	196.3	100.6
	-19.8	-20	213.0	95.84	213.0	97.04	211.5	98.17	211.5	99.94	211.5	101.2	208.2	101.8
	-18.8	-19	217.8	96.44	217.8	97.64	216.4	98.77	216.4	100.5	216.4	101.8	213.1	100.5
	-16.7	-17	228.2	97.69	228.2	98.90	226.8	100.0	226.8	101.8	226.8	99.24	223.2	97.90
	-13.7	-15	242.8	99.47	242.8	100.7	241.3	101.8	241.3	97.94	241.3	95.57	241.3	94.15
	-11.8	-13	250.8	100.6	250.8	101.8	249.4	99.06	249.4	95.50	249.4	93.26	249.4	91.74
	-9.8	-11	259.3	101.8	259.3	98.74	257.8	96.22	257.8	92.91	257.8	90.82	256.9	89.25
	-9.5	-10	261.0	101.3	261.0	98.27	259.6	95.79	259.6	92.51	259.6	90.46	258.7	88.86
	-8.5	-9.1	267.1	99.64	267.1	96.73	265.6	94.35	265.6	91.22	265.3	89.23	260.2	87.60
	-7.0	-7.6	276.2	97.16	276.2	94.43	274.4	92.19	274.4	89.28	272.9	87.40	260.8	85.73
	-5.0	-5.6	288.1	93.86	288.1	91.37	286.2	89.32	285.2	86.72	278.3	84.95	260.8	83.21
	-3.0	-3.7	300.2	90.55	300.2	88.28	295.4	86.44	289.1	84.13	279.2	82.54	260.8	80.72
	0.0	-0.7	316.2	85.60	312.8	83.68	298.7	82.16	289.1	80.25	279.2	78.87	260.8	76.94
	3.0	2.2	328.5	80.64	318.5	79.08	298.7	77.85	289.1	76.40	279.2	75.20	260.8	73.16
	5.0	4.1	336.9	77.34	318.5	75.99	298.7	74.97	289.1	73.81	279.2	72.75	260.8	70.67
	7.0	6.0	336.9	74.03	318.5	72.93	298.7	72.10	289.1	71.22	279.2	70.31	260.8	68.15
9.0	7.9	336.9	71.81	318.5	70.72	298.7	69.92	289.1	69.07	279.2	68.19	260.8	66.08	
11.0	9.8	336.9	70.19	318.5	69.13	298.7	68.36	289.1	67.52	279.2	66.67	260.8	64.62	
13.0	11.8	336.9	68.45	318.5	67.43	298.7	66.69	289.1	65.85	279.2	65.01	260.8	63.02	
15.0	13.7	336.9	66.61	318.5	65.61	298.7	64.88	289.1	64.08	279.2	63.27	260.8	61.32	

7. Capacity Tables

Heating Capacity (88HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	162.3	103.0	162.3	102.8	161.2	96.63	161.2	102.5	161.2	102.3	158.5	102.2
	-21.8	-22	199.6	102.8	199.6	102.6	198.5	99.67	198.5	102.2	198.5	103.5	195.2	102.0
	-19.8	-20	211.9	102.6	211.9	102.4	210.8	101.6	210.8	102.0	210.8	102.4	207.5	101.8
	-18.8	-19	216.8	102.5	215.6	102.4	215.6	102.2	215.6	102.0	215.6	101.8	212.0	100.2
	-16.7	-17	225.7	102.3	225.7	102.2	225.7	103.5	224.6	101.8	224.6	98.61	221.0	96.99
	-13.7	-15	241.7	102.1	241.7	102.0	240.2	101.79	240.2	97.18	240.2	94.03	236.6	92.29
	-11.8	-13	249.7	102.0	248.3	101.8	248.3	98.73	248.3	94.25	248.3	91.11	238.1	89.33
	-9.8	-11	257.8	101.8	257.8	98.37	256.7	95.49	256.7	91.16	253.7	88.07	238.3	86.22
	-9.5	-10	259.6	101.3	259.6	97.83	258.5	94.99	258.5	90.72	254.3	87.61	238.3	85.75
	-8.5	-9.1	265.6	99.46	265.6	96.11	264.5	93.36	264.5	89.17	255.7	86.09	238.3	84.20
	-7.0	-7.6	279.2	96.79	278.1	93.55	273.3	90.95	264.5	86.86	255.7	83.81	238.3	81.85
	-5.0	-5.6	291.4	93.20	288.4	90.09	273.3	87.67	264.5	83.76	255.7	80.75	238.3	78.75
	-3.0	-3.7	299.8	89.60	290.9	86.64	273.3	84.43	264.5	80.69	255.7	77.71	238.3	75.64
	0.0	-0.7	308.3	84.24	290.9	81.49	273.3	79.57	264.5	76.04	255.7	73.13	238.3	70.97
	3.0	2.2	308.3	78.85	290.9	76.31	273.3	74.70	264.5	71.43	255.7	68.54	238.3	66.28
	5.0	4.1	308.3	75.26	290.9	72.88	273.3	71.46	264.5	68.36	255.7	65.51	238.3	63.17
	7.0	6.0	308.3	71.69	290.9	69.43	273.3	68.22	264.5	65.26	255.7	62.44	238.3	60.07
	9.0	7.9	308.3	69.15	290.9	66.96	273.3	65.82	264.5	62.97	255.7	60.24	238.3	57.93
	11.0	9.8	308.3	67.20	290.9	65.11	273.3	63.98	264.5	61.20	255.7	58.54	238.3	56.31
	13.0	11.8	308.3	65.13	290.9	63.08	273.3	61.99	264.5	59.32	255.7	56.76	238.3	54.57
15.0	13.7	308.3	62.95	290.9	60.97	273.3	59.92	264.5	57.29	255.7	54.84	238.3	52.73	
90	-24.8	-25	161.6	91.46	161.6	93.26	160.5	94.51	160.5	95.11	160.5	96.29	158.1	98.09
	-21.8	-22	198.9	93.26	198.9	95.04	197.8	96.29	197.8	96.89	197.8	98.09	194.5	93.97
	-19.8	-20	211.2	94.43	211.2	96.24	209.7	97.49	209.7	98.09	209.7	99.30	206.4	91.24
	-18.8	-19	216.8	95.04	215.6	96.84	214.6	98.09	214.6	96.66	214.6	93.90	211.3	89.88
	-16.7	-17	225.7	96.29	225.7	98.09	224.9	95.13	224.9	93.65	224.9	90.97	216.8	87.01
	-13.7	-15	241.7	98.09	241.7	93.70	239.5	90.91	239.5	89.33	233.5	86.78	217.8	82.92
	-11.8	-13	249.7	95.10	248.3	90.92	247.2	88.23	241.2	86.61	234.6	84.13	217.8	80.30
	-9.8	-11	257.8	91.93	257.8	88.02	249.0	85.41	242.4	83.75	234.6	81.33	217.8	77.57
	-9.5	-10	259.6	91.46	259.6	87.56	249.6	85.01	242.4	83.32	234.6	80.94	217.8	77.15
	-8.5	-9.1	265.6	89.89	263.8	86.10	250.1	83.58	242.4	81.88	234.6	79.54	217.8	75.78
	-7.0	-7.6	279.2	87.54	265.6	83.92	250.1	81.48	242.4	79.74	234.6	77.43	217.8	73.74
	-5.0	-5.6	282.2	84.40	265.6	81.00	250.1	78.65	242.4	76.87	234.6	74.64	217.8	71.01
	-3.0	-3.7	282.2	81.23	265.6	78.07	250.1	75.86	242.4	74.01	234.6	71.84	217.8	68.28
	0.0	-0.7	282.2	76.53	265.6	73.71	250.1	71.65	242.4	69.72	234.6	67.65	217.8	64.16
	3.0	2.2	282.2	71.79	265.6	69.32	250.1	67.40	242.4	65.39	234.6	63.49	217.8	60.07
	5.0	4.1	282.2	68.65	265.6	66.40	250.1	64.61	242.4	62.53	234.6	60.70	217.8	57.34
	7.0	6.0	282.2	65.51	265.6	63.50	250.1	61.78	242.4	59.67	234.6	57.91	217.8	54.59
	9.0	7.9	282.2	62.51	265.6	60.61	250.1	58.96	242.4	56.95	234.6	55.27	217.8	52.12
	11.0	9.8	282.2	59.55	265.6	57.71	250.1	56.14	242.4	54.23	234.6	52.62	217.8	49.62
	13.0	11.8	282.2	56.55	265.6	54.82	250.1	53.35	242.4	51.52	234.6	49.98	217.8	47.15
15.0	13.7	282.2	53.58	265.6	51.92	250.1	50.53	242.4	48.80	234.6	47.37	217.8	44.65	
80	-24.8	-25	160.9	80.36	160.9	82.14	159.8	83.39	159.8	83.99	159.8	86.96	157.4	83.38
	-21.8	-22	196.7	82.14	196.7	83.94	196.7	85.19	196.7	86.96	196.7	83.38	192.8	79.89
	-19.8	-20	209.0	83.34	209.0	85.11	209.0	86.96	209.0	84.42	206.9	80.97	194.6	77.56
	-18.8	-19	213.8	83.94	213.8	86.96	213.8	85.68	213.8	83.16	207.8	79.76	194.6	76.41
	-16.7	-17	221.6	86.96	221.6	84.32	221.6	82.99	216.2	80.48	209.3	77.24	194.6	73.97
	-13.7	-15	233.9	83.03	229.2	80.49	223.7	79.13	217.0	76.68	209.3	73.62	194.6	70.49
	-11.8	-13	239.5	80.53	232.5	78.06	223.7	76.69	217.0	74.28	209.3	71.33	194.6	68.30
	-9.8	-11	245.4	77.89	235.6	75.52	223.7	74.15	217.0	71.73	209.3	68.93	194.6	66.00
	-9.5	-10	247.2	77.50	237.1	75.13	223.7	73.76	217.0	71.34	209.3	68.57	194.6	65.64
	-8.5	-9.1	249.9	76.18	238.3	73.88	223.7	72.47	217.0	70.08	209.3	67.38	194.6	64.49
	-7.0	-7.6	252.7	74.21	238.3	71.98	223.7	70.54	217.0	68.18	209.3	65.56	194.6	62.73
	-5.0	-5.6	252.7	71.57	238.3	69.41	223.7	67.96	217.0	65.64	209.3	63.15	194.6	60.43
	-3.0	-3.7	252.7	68.93	238.3	66.87	223.7	65.42	217.0	63.10	209.3	60.75	194.6	58.10
	0.0	-0.7	252.7	65.00	238.3	63.08	223.7	61.56	217.0	59.27	209.3	57.16	194.6	54.65
	3.0	2.2	252.7	61.04	238.3	59.26	223.7	57.69	217.0	55.47	209.3	53.54	194.6	51.17
	5.0	4.1	252.7	58.43	238.3	56.72	223.7	55.15	217.0	52.92	209.3	51.14	194.6	48.84
	7.0	6.0	252.7	55.79	238.3	54.18	223.7	52.57	217.0	50.38	209.3	48.73	194.6	46.54
	9.0	7.9	252.7	52.39	238.3	50.86	223.7	49.36	217.0	47.31	209.3	45.77	194.6	43.69
	11.0	9.8	252.7	48.62	238.3	47.20	223.7	45.81	217.0	43.91	209.3	42.48	194.6	40.54
	13.0	11.8	252.7	45.37	238.3	44.06	223.7	42.77	217.0	40.98	209.3	39.63	194.6	37.84
15.0	13.7	252.7	42.74	238.3	41.49	223.7	40.25	217.0	38.57	209.3	37.33	194.6	35.64	

7. Capacity Tables

Heating Capacity (88HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	160.9	81.16	160.9	81.76	159.8	82.97	159.8	84.74	159.8	80.81	157.4	77.12
	-21.8	-22	190.4	82.97	190.7	83.54	189.5	84.74	183.9	80.81	178.4	77.12	166.6	73.54
	-19.8	-20	208.1	84.14	201.2	84.74	190.5	81.99	183.9	78.19	178.4	74.65	166.6	71.17
	-18.8	-19	212.0	84.74	202.1	83.31	190.5	80.60	183.9	76.87	178.4	73.43	166.6	69.98
	-16.7	-17	214.1	81.81	202.3	80.35	190.5	77.70	183.9	74.12	178.4	70.85	166.6	67.47
	-13.7	-15	214.4	77.61	202.3	76.07	190.5	73.59	183.9	70.18	178.4	67.17	166.6	63.89
	-11.8	-13	214.4	74.93	202.3	73.35	190.5	70.98	183.9	67.68	178.4	64.84	166.6	61.63
	-9.8	-11	214.4	72.12	202.3	70.53	190.5	68.20	183.9	65.07	178.4	62.37	166.6	59.26
	-9.5	-10	214.4	71.69	202.3	70.10	190.5	67.80	183.9	64.67	178.4	62.01	166.6	58.91
	-8.5	-9.1	214.4	70.30	202.3	68.68	190.5	66.41	183.9	63.35	178.4	60.79	166.6	57.69
	-7.0	-7.6	214.4	68.20	202.3	66.53	190.5	64.34	183.9	61.38	178.4	58.93	166.6	55.90
	-5.0	-5.6	214.4	65.41	202.3	63.68	190.5	61.59	183.9	58.77	178.4	56.47	166.6	53.53
	-3.0	-3.7	214.4	62.60	202.3	60.86	190.5	58.84	183.9	56.16	178.4	54.03	166.6	51.16
	0.0	-0.7	214.4	58.39	202.3	56.58	190.5	54.72	183.9	52.22	178.4	50.34	166.6	47.58
	3.0	2.2	214.4	54.19	202.3	52.32	190.5	50.58	183.9	48.29	178.4	46.65	166.6	44.00
	5.0	4.1	214.4	51.37	202.3	49.47	190.5	47.83	183.9	45.64	178.4	44.19	166.6	41.63
	7.0	6.0	214.4	48.59	202.3	46.62	190.5	45.08	183.9	43.03	178.4	41.72	166.6	39.23
	9.0	7.9	214.4	43.87	202.3	42.12	190.5	40.69	183.9	38.86	178.4	37.69	166.6	35.43
	11.0	9.8	214.4	40.84	202.3	39.19	190.5	37.91	183.9	36.19	178.4	35.10	166.6	32.98
	13.0	11.8	214.4	38.21	202.3	36.67	190.5	35.46	183.9	33.85	178.4	32.83	166.6	30.86
15.0	13.7	214.4	36.04	202.3	34.58	190.5	33.42	183.9	31.92	178.4	30.96	166.6	29.10	
60	-24.8	-25	160.9	79.99	160.9	81.16	159.8	82.97	156.5	78.77	152.0	74.81	142.7	71.10
	-21.8	-22	174.6	81.76	174.0	82.97	163.3	78.77	157.8	74.81	152.3	71.10	142.7	67.53
	-19.8	-20	183.9	82.97	174.0	79.98	163.3	75.96	157.8	72.21	152.3	68.64	142.7	65.10
	-18.8	-19	183.9	81.48	174.0	78.52	163.3	74.57	157.8	70.89	152.3	67.39	142.7	63.92
	-16.7	-17	183.9	78.35	174.0	75.43	163.3	71.64	157.8	68.11	152.3	64.79	142.7	61.39
	-13.7	-15	183.9	73.88	174.0	70.98	163.3	67.44	157.8	64.19	152.3	61.08	142.7	57.81
	-11.8	-13	183.9	71.04	174.0	68.17	163.3	64.77	157.8	61.69	152.3	58.72	142.7	55.52
	-9.8	-11	183.9	68.09	174.0	65.22	163.3	61.99	157.8	59.06	152.3	56.26	142.7	53.13
	-9.5	-10	183.9	67.63	174.0	64.76	163.3	61.57	157.8	58.67	152.3	55.90	142.7	52.77
	-8.5	-9.1	183.9	66.14	174.0	63.30	163.3	60.15	157.8	57.35	152.3	54.66	142.7	51.56
	-7.0	-7.6	183.9	63.91	174.0	61.06	163.3	58.08	157.8	55.39	152.3	52.80	142.7	49.77
	-5.0	-5.6	183.9	60.96	174.0	58.11	163.3	55.27	157.8	52.75	152.3	50.34	142.7	47.38
	-3.0	-3.7	183.9	57.98	174.0	55.16	163.3	52.46	157.8	50.11	152.3	47.84	142.7	44.98
	0.0	-0.7	183.9	53.50	174.0	50.71	163.3	48.29	157.8	46.19	152.3	44.13	142.7	41.38
	3.0	2.2	183.9	49.03	174.0	46.27	163.3	44.09	157.8	42.24	152.3	40.42	142.7	37.80
	5.0	4.1	183.9	46.08	174.0	43.32	163.3	41.28	157.8	39.60	152.3	37.96	142.7	35.40
	7.0	6.0	183.9	43.10	174.0	40.36	163.3	38.50	157.8	37.00	152.3	35.50	142.7	32.98
	9.0	7.9	183.9	38.46	174.0	36.01	163.3	34.33	157.8	33.01	152.3	31.66	142.7	29.43
	11.0	9.8	183.9	35.90	174.0	33.63	163.3	32.06	157.8	30.82	152.3	29.57	142.7	27.49
	13.0	11.8	183.9	33.63	174.0	31.51	163.3	30.05	157.8	28.88	152.3	27.68	142.7	25.74
15.0	13.7	183.9	31.77	174.0	29.76	163.3	28.37	157.8	27.27	152.3	26.18	142.7	24.35	
50	-24.8	-25	153.4	70.40	144.6	72.21	136.1	68.46	131.7	64.97	127.3	61.65	118.5	58.55
	-21.8	-22	153.4	72.21	144.6	68.46	136.1	64.97	131.7	61.65	127.3	58.55	118.5	55.56
	-19.8	-20	153.4	69.59	144.6	65.98	136.1	62.63	131.7	59.42	127.3	56.50	118.5	53.58
	-18.8	-19	153.4	68.29	144.6	64.72	136.1	61.44	131.7	58.31	127.3	55.45	118.5	52.57
	-16.7	-17	153.4	65.56	144.6	62.09	136.1	59.00	131.7	56.00	127.3	53.29	118.5	50.51
	-13.7	-15	153.4	61.67	144.6	58.35	136.1	55.50	131.7	52.68	127.3	50.19	118.5	47.51
	-11.8	-13	153.4	59.19	144.6	55.98	136.1	53.30	131.7	50.59	127.3	48.24	118.5	45.63
	-9.8	-11	153.4	56.60	144.6	53.49	136.1	50.96	131.7	48.36	127.3	46.19	118.5	43.62
	-9.5	-10	153.4	56.21	144.6	53.13	136.1	50.60	131.7	48.03	127.3	45.86	118.5	43.33
	-8.5	-9.1	153.4	54.91	144.6	51.87	136.1	49.45	131.7	46.92	127.3	44.85	118.5	42.35
	-7.0	-7.6	153.4	52.97	144.6	50.00	136.1	47.68	131.7	45.26	127.3	43.30	118.5	40.84
	-5.0	-5.6	153.4	50.38	144.6	47.51	136.1	45.34	131.7	43.06	127.3	41.22	118.5	38.85
	-3.0	-3.7	153.4	47.75	144.6	45.03	136.1	43.03	131.7	40.86	127.3	39.16	118.5	36.87
	0.0	-0.7	153.4	43.87	144.6	41.28	136.1	39.51	131.7	37.51	127.3	36.09	118.5	33.87
	3.0	2.2	153.4	39.95	144.6	37.54	136.1	36.01	131.7	34.20	127.3	32.99	118.5	30.91
	5.0	4.1	153.4	37.36	144.6	35.06	136.1	33.67	131.7	31.99	127.3	30.93	118.5	28.93
	7.0	6.0	153.4	34.77	144.6	32.54	136.1	31.37	131.7	29.79	127.3	28.85	118.5	26.91
	9.0	7.9	153.4	31.40	144.6	29.39	136.1	28.30	131.7	26.91	127.3	26.07	118.5	24.31
	11.0	9.8	153.4	29.36	144.6	27.49	136.1	26.50	131.7	25.16	127.3	24.39	118.5	22.74
	13.0	11.8	153.4	27.57	144.6	25.81	136.1	24.86	131.7	23.62	127.3	22.89	118.5	21.35
15.0	13.7	153.4	26.10	144.6	24.42	136.1	23.54	131.7	22.37	127.3	21.68	118.5	20.22	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM900BTE5

Heating Capacity (90HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	173.5	93.95	173.5	94.67	172.3	95.31	172.3	96.30	172.3	97.22	169.2	98.68
	-21.8	-22	212.2	95.41	212.2	96.15	210.7	96.79	210.7	97.75	210.7	98.68	206.6	100.2
	-19.8	-20	224.3	96.40	224.3	97.11	222.8	97.75	222.8	98.74	222.8	99.67	218.6	101.1
	-18.8	-19	229.4	96.87	229.4	97.61	227.9	98.25	227.9	99.24	227.9	100.2	223.4	101.6
	-16.7	-17	239.7	97.90	239.7	98.64	238.1	99.28	238.1	100.3	238.1	101.2	233.6	102.7
	-13.7	-15	254.4	99.38	254.4	100.1	252.8	100.7	252.8	101.7	252.8	102.7	248.0	98.84
	-11.8	-13	262.6	100.3	262.6	101.1	261.1	101.7	261.1	102.7	261.1	100.1	257.1	96.40
	-9.8	-11	271.3	101.3	271.3	102.0	269.8	102.7	269.8	99.92	269.8	97.40	266.7	93.84
	-9.5	-10	272.8	101.4	272.8	102.2	271.3	102.2	271.3	99.50	270.9	96.98	268.2	93.47
	-8.5	-9.1	278.1	101.9	278.1	102.7	276.6	100.9	276.6	98.14	275.4	95.63	272.9	92.19
	-7.0	-7.6	286.0	102.7	286.0	100.6	284.2	98.76	284.2	96.09	284.2	93.59	280.0	90.27
	-5.0	-5.6	296.6	100.0	296.6	97.91	294.7	95.99	294.7	93.37	294.7	90.91	289.5	87.74
	-3.0	-3.7	307.1	97.44	307.1	95.19	305.2	93.18	305.2	90.64	305.2	88.19	299.1	85.19
	0.0	-0.7	322.9	93.51	322.9	91.14	320.7	89.00	320.7	86.52	320.7	84.12	313.7	81.35
	3.0	2.2	338.8	89.58	338.8	87.05	336.5	84.85	336.5	82.43	336.5	80.08	315.7	77.55
	5.0	4.1	349.0	86.96	349.0	84.34	347.1	82.04	347.1	79.70	339.1	77.37	315.7	74.99
	7.0	6.0	359.6	84.35	359.6	81.65	357.3	79.26	351.4	76.97	339.1	74.68	315.7	72.43
9.0	7.9	361.3	82.21	361.3	79.56	360.2	77.25	351.4	75.00	339.1	72.78	315.7	70.58	
11.0	9.8	361.3	80.80	361.3	78.19	360.2	75.91	351.4	73.71	339.1	71.50	315.7	69.36	
13.0	11.8	361.3	79.24	361.3	76.68	360.2	74.47	351.4	72.30	339.1	70.14	315.7	68.04	
15.0	13.7	361.3	77.59	361.3	75.08	360.2	72.91	351.4	70.78	339.1	68.66	315.7	66.61	
120	-24.8	-25	172.3	94.67	172.3	95.31	171.2	96.30	171.2	97.22	171.2	98.68	168.1	99.70
	-21.8	-22	210.7	96.15	210.7	96.79	209.2	97.75	209.2	98.68	209.2	100.2	205.4	101.2
	-19.8	-20	222.7	97.11	222.7	97.75	221.2	98.74	221.2	99.67	221.2	101.1	217.1	102.2
	-18.8	-19	227.5	97.61	227.5	98.25	226.0	99.24	226.0	100.2	226.0	101.6	221.9	102.7
	-16.7	-17	237.8	98.64	237.8	99.28	236.3	100.3	236.3	101.2	236.3	102.7	231.8	100.2
	-13.7	-15	252.5	100.1	252.5	100.7	251.0	101.7	251.0	102.7	251.0	98.99	246.1	96.67
	-11.8	-13	260.8	101.1	260.8	101.7	259.2	102.7	259.2	100.1	259.2	96.69	255.3	94.44
	-9.8	-11	269.4	102.0	269.4	102.7	267.9	99.81	267.9	97.33	267.9	94.24	264.8	92.11
	-9.5	-10	270.9	102.2	270.9	102.2	269.4	99.39	269.4	96.91	269.4	93.86	266.3	91.74
	-8.5	-9.1	276.2	102.7	276.2	100.7	274.4	97.96	274.4	95.56	274.2	92.66	270.8	90.57
	-7.0	-7.6	284.1	100.4	284.1	98.44	282.2	95.81	282.2	93.52	281.8	90.81	278.1	88.83
	-5.0	-5.6	294.6	97.43	294.6	95.44	292.8	92.97	292.8	90.80	292.8	88.36	287.6	86.47
	-3.0	-3.7	304.9	94.46	304.9	92.45	303.0	90.13	303.0	88.05	303.0	85.95	295.7	84.13
	0.0	-0.7	320.7	89.98	320.7	87.94	318.5	85.86	318.5	83.97	318.5	82.26	296.5	80.60
	3.0	2.2	336.2	85.52	336.2	83.43	334.2	81.59	329.3	79.90	319.1	78.60	296.5	77.10
	5.0	4.1	346.7	82.55	346.7	80.40	340.6	78.72	329.3	77.15	319.1	76.16	296.5	74.76
	7.0	6.0	357.2	79.55	354.8	77.41	340.6	75.88	329.3	74.43	319.1	73.74	296.5	72.40
9.0	7.9	358.6	77.33	354.8	75.26	340.6	73.77	329.3	72.36	319.1	71.67	296.5	70.40	
11.0	9.8	358.6	75.79	354.8	73.76	340.6	72.28	329.3	70.90	319.1	70.25	296.5	68.98	
13.0	11.8	358.6	74.13	354.8	72.11	340.6	70.70	329.3	69.36	319.1	68.68	296.5	67.48	
15.0	13.7	358.6	72.33	354.8	70.38	340.6	69.01	329.3	67.68	319.1	67.03	296.5	65.84	
110	-24.8	-25	171.5	95.31	171.5	96.30	170.4	97.22	170.4	98.68	170.4	99.70	167.0	100.2
	-21.8	-22	209.6	96.79	209.6	97.75	208.1	98.68	208.1	100.2	208.1	101.2	204.3	101.7
	-19.8	-20	221.6	97.75	221.6	98.74	220.1	99.67	220.1	101.1	220.1	102.2	215.9	102.7
	-18.8	-19	226.4	98.25	226.4	99.24	224.9	100.2	224.9	101.6	224.9	102.7	220.7	101.3
	-16.7	-17	236.6	99.28	236.6	100.3	235.1	101.2	235.1	102.7	235.1	99.98	230.6	98.60
	-13.7	-15	251.0	100.7	251.0	101.7	249.5	102.7	249.5	98.62	249.5	96.16	249.5	94.70
	-11.8	-13	259.3	101.7	259.3	102.7	257.7	99.79	257.7	96.07	257.7	93.75	257.7	92.20
	-9.8	-11	267.9	102.7	267.9	99.45	266.4	96.82	266.4	93.37	266.4	91.20	264.8	89.61
	-9.5	-10	269.4	102.1	269.4	98.96	267.9	96.37	267.9	92.96	267.9	90.83	266.8	89.21
	-8.5	-9.1	274.7	100.4	274.7	97.34	273.2	94.86	273.2	91.61	273.2	89.55	266.8	87.90
	-7.0	-7.6	282.6	97.79	282.6	94.93	280.7	92.61	280.7	89.58	280.7	87.64	266.8	85.95
	-5.0	-5.6	292.8	94.32	292.8	91.73	290.9	89.60	290.9	86.91	285.6	85.09	266.8	83.33
	-3.0	-3.7	303.3	90.86	303.3	88.50	301.5	86.60	295.8	84.21	285.6	82.57	266.8	80.74
	0.0	-0.7	318.8	85.66	318.8	83.68	305.6	82.12	295.8	80.15	285.6	78.75	266.8	76.81
	3.0	2.2	334.3	80.46	325.9	78.87	305.6	77.61	295.8	76.13	285.6	74.92	266.8	72.88
	5.0	4.1	344.7	76.99	325.9	75.63	305.6	74.61	295.8	73.43	285.6	72.37	266.8	70.30
	7.0	6.0	344.7	73.52	325.9	72.43	305.6	71.60	295.8	70.73	285.6	69.82	266.8	67.68
9.0	7.9	344.7	71.16	325.9	70.08	305.6	69.28	295.8	68.45	285.6	67.58	266.8	65.48	
11.0	9.8	344.7	69.39	325.9	68.34	305.6	67.58	295.8	66.75	285.6	65.91	266.8	63.88	
13.0	11.8	344.7	67.49	325.9	66.48	305.6	65.76	295.8	64.93	285.6	64.10	266.8	62.14	
15.0	13.7	344.7	65.49	325.9	64.51	305.6	63.79	295.8	63.00	285.6	62.20	266.8	60.29	

7. Capacity Tables

Heating Capacity (90HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	170.7	104.6	170.7	104.3	169.6	97.80	169.6	103.7	169.6	103.4	166.2	103.3
	-21.8	-22	208.5	104.2	208.5	103.9	207.3	100.9	207.3	103.3	207.3	104.3	203.2	102.9
	-19.8	-20	220.5	103.9	220.5	103.7	219.3	102.8	219.3	103.0	219.3	103.2	215.2	102.7
	-18.8	-19	225.3	103.8	224.1	103.6	224.1	103.3	224.1	102.9	224.1	102.7	219.6	101.1
	-16.7	-17	234.0	103.5	234.0	103.3	234.0	104.3	232.9	102.7	232.9	99.36	228.4	97.69
	-13.7	-15	249.9	103.2	249.9	102.9	248.4	102.7	248.4	97.86	248.4	94.63	243.8	92.86
	-11.8	-13	258.1	102.9	256.6	102.7	256.6	99.46	256.6	94.84	256.6	91.61	243.8	89.81
	-9.8	-11	266.4	102.7	266.4	99.08	265.3	96.09	265.3	91.63	261.6	88.48	243.8	86.60
	-9.5	-10	267.9	102.1	267.9	98.52	266.8	95.57	266.8	91.17	261.6	88.00	243.8	86.12
	-8.5	-9.1	273.2	100.2	273.2	96.73	272.0	93.88	270.6	89.57	261.6	86.43	243.8	84.52
	-7.0	-7.6	285.6	97.42	284.5	94.06	279.6	91.37	270.6	87.18	261.6	84.08	243.8	82.10
	-5.0	-5.6	298.1	93.67	295.1	90.46	279.6	87.97	270.6	83.97	261.6	80.91	243.8	78.90
	-3.0	-3.7	306.7	89.91	297.6	86.87	279.6	84.60	270.6	80.79	261.6	77.78	243.8	75.70
	0.0	-0.7	315.4	84.31	297.6	81.50	279.6	79.55	270.6	75.98	261.6	73.05	243.8	70.89
	3.0	2.2	315.4	78.68	297.6	76.11	279.6	74.49	270.6	71.20	261.6	68.31	243.8	66.06
	5.0	4.1	315.4	74.92	297.6	72.54	279.6	71.12	270.6	68.02	261.6	65.18	243.8	62.85
	7.0	6.0	315.4	71.20	297.6	68.95	279.6	67.75	270.6	64.81	261.6	62.01	243.8	59.65
	9.0	7.9	315.4	68.43	297.6	66.27	279.6	65.14	270.6	62.32	261.6	59.61	243.8	57.33
	11.0	9.8	315.4	66.24	297.6	64.18	279.6	63.07	270.6	60.33	261.6	57.70	243.8	55.51
	13.0	11.8	315.4	63.92	297.6	61.92	279.6	60.84	270.6	58.22	261.6	55.71	243.8	53.56
15.0	13.7	315.4	61.49	297.6	59.56	279.6	58.53	270.6	55.96	261.6	53.57	243.8	51.50	
90	-24.8	-25	170.0	93.47	170.0	94.95	168.9	95.98	168.9	96.48	168.9	97.44	165.8	98.92
	-21.8	-22	207.7	94.95	207.7	96.41	206.5	97.44	206.5	97.93	206.5	98.92	202.4	94.69
	-19.8	-20	219.7	95.91	219.7	97.40	218.2	98.43	218.2	98.92	218.2	96.04	214.1	91.88
	-18.8	-19	225.3	96.41	224.1	97.89	223.0	98.92	223.0	97.44	223.0	94.60	218.8	90.48
	-16.7	-17	234.0	97.44	234.0	98.92	233.2	95.86	233.2	94.34	233.2	91.58	222.8	87.53
	-13.7	-15	249.9	98.92	249.9	94.37	247.6	91.49	247.6	89.88	240.1	87.26	222.8	83.33
	-11.8	-13	258.1	95.81	256.6	91.49	255.5	88.72	248.0	87.07	240.1	84.53	222.8	80.64
	-9.8	-11	266.4	92.52	266.4	88.49	255.9	85.80	248.0	84.11	240.1	81.65	222.8	77.84
	-9.5	-10	267.9	92.04	267.9	88.01	255.9	85.39	248.0	83.67	240.1	81.24	222.8	77.40
	-8.5	-9.1	273.2	90.40	271.3	86.49	255.9	83.91	248.0	82.19	240.1	79.80	222.8	76.00
	-7.0	-7.6	285.6	87.96	271.7	84.23	255.9	81.73	248.0	79.98	240.1	77.63	222.8	73.89
	-5.0	-5.6	288.7	84.70	271.7	81.20	255.9	78.81	248.0	77.02	240.1	74.75	222.8	71.09
	-3.0	-3.7	288.7	81.40	271.7	78.17	255.9	75.92	248.0	74.06	240.1	71.87	222.8	68.29
	0.0	-0.7	288.7	76.51	271.7	73.65	255.9	71.56	248.0	69.63	240.1	67.55	222.8	64.05
	3.0	2.2	288.7	71.59	271.7	69.10	255.9	67.17	248.0	65.17	240.1	63.27	222.8	59.85
	5.0	4.1	288.7	68.32	271.7	66.07	255.9	64.28	248.0	62.21	240.1	60.39	222.8	57.04
	7.0	6.0	288.7	65.06	271.7	63.06	255.9	61.36	248.0	59.26	240.1	57.51	222.8	54.21
	9.0	7.9	288.7	61.96	271.7	60.07	255.9	58.44	248.0	56.45	240.1	54.78	222.8	51.65
	11.0	9.8	288.7	58.89	271.7	57.08	255.9	55.52	248.0	53.64	240.1	52.04	222.8	49.07
	13.0	11.8	288.7	55.79	271.7	54.08	255.9	52.63	248.0	50.82	240.1	49.31	222.8	46.51
15.0	13.7	288.7	52.71	271.7	51.09	255.9	49.71	248.0	48.01	240.1	46.60	222.8	43.93	
80	-24.8	-25	169.2	82.28	169.2	83.73	168.1	84.76	168.1	85.26	168.1	87.70	165.0	84.01
	-21.8	-22	205.5	83.73	205.5	85.22	205.5	86.25	205.5	87.70	205.5	84.01	199.1	80.44
	-19.8	-20	217.4	84.72	217.4	86.18	217.4	87.70	217.4	85.08	214.1	81.54	199.1	78.05
	-18.8	-19	222.2	85.22	222.2	87.70	222.2	86.37	221.7	83.79	214.1	80.29	199.1	76.87
	-16.7	-17	228.8	87.70	228.8	84.96	228.8	83.60	222.0	81.03	214.1	77.71	199.1	74.36
	-13.7	-15	239.3	83.63	234.5	81.01	228.8	79.62	222.0	77.11	214.1	73.99	199.1	70.79
	-11.8	-13	245.4	81.04	238.2	78.50	228.8	77.10	222.0	74.64	214.1	71.63	199.1	68.54
	-9.8	-11	251.8	78.30	241.4	75.87	228.8	74.48	222.0	72.02	214.1	69.16	199.1	66.18
	-9.5	-10	253.6	77.90	242.9	75.47	228.8	74.07	222.0	71.62	214.1	68.79	199.1	65.82
	-8.5	-9.1	256.1	76.53	243.8	74.17	228.8	72.74	222.0	70.32	214.1	67.57	199.1	64.64
	-7.0	-7.6	258.5	74.49	243.8	72.21	228.8	70.75	222.0	68.37	214.1	65.69	199.1	62.84
	-5.0	-5.6	258.5	71.76	243.8	69.56	228.8	68.09	222.0	65.75	214.1	63.22	199.1	60.47
	-3.0	-3.7	258.5	69.02	243.8	66.93	228.8	65.47	222.0	63.13	214.1	60.75	199.1	58.08
	0.0	-0.7	258.5	64.95	243.8	63.01	228.8	61.48	222.0	59.18	214.1	57.06	199.1	54.54
	3.0	2.2	258.5	60.85	243.8	59.06	228.8	57.49	222.0	55.27	214.1	53.34	199.1	50.97
	5.0	4.1	258.5	58.14	243.8	56.43	228.8	54.87	222.0	52.65	214.1	50.87	199.1	48.58
	7.0	6.0	258.5	55.41	243.8	53.81	228.8	52.21	222.0	50.03	214.1	48.40	199.1	46.22
	9.0	7.9	258.5	52.03	243.8	50.51	228.8	49.02	222.0	46.98	214.1	45.45	199.1	43.39
	11.0	9.8	258.5	48.29	243.8	46.87	228.8	45.49	222.0	43.61	214.1	42.19	199.1	40.27
	13.0	11.8	258.5	45.06	243.8	43.75	228.8	42.48	222.0	40.70	214.1	39.36	199.1	37.58
15.0	13.7	258.5	42.44	243.8	41.21	228.8	39.98	222.0	38.31	214.1	37.07	199.1	35.40	

7. Capacity Tables

Heating Capacity (90HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	169.2	82.71	169.2	83.21	168.1	84.20	168.1	85.65	168.1	81.61	164.1	77.82
	-21.8	-22	196.1	84.20	196.1	84.66	194.9	85.65	188.2	81.61	182.5	77.82	170.4	74.14
	-19.8	-20	213.9	85.16	207.0	85.65	194.9	82.82	188.2	78.92	182.5	75.28	170.4	71.71
	-18.8	-19	218.1	85.65	207.0	84.18	194.9	81.38	188.2	77.56	182.5	74.03	170.4	70.50
	-16.7	-17	219.4	82.63	207.0	81.12	194.9	78.40	188.2	74.72	182.5	71.38	170.4	67.93
	-13.7	-15	219.4	78.27	207.0	76.70	194.9	74.16	188.2	70.67	182.5	67.59	170.4	64.25
	-11.8	-13	219.4	75.51	207.0	73.90	194.9	71.47	188.2	68.10	182.5	65.19	170.4	61.93
	-9.8	-11	219.4	72.60	207.0	70.98	194.9	68.60	188.2	65.41	182.5	62.66	170.4	59.50
	-9.5	-10	219.4	72.16	207.0	70.54	194.9	68.19	188.2	65.00	182.5	62.29	170.4	59.14
	-8.5	-9.1	219.4	70.72	207.0	69.07	194.9	66.76	188.2	63.64	182.5	61.03	170.4	57.89
	-7.0	-7.6	219.4	68.54	207.0	66.86	194.9	64.62	188.2	61.62	182.5	59.12	170.4	56.06
	-5.0	-5.6	219.4	65.66	207.0	63.91	194.9	61.79	188.2	58.93	182.5	56.59	170.4	53.63
	-3.0	-3.7	219.4	62.75	207.0	61.00	194.9	58.95	188.2	56.24	182.5	54.08	170.4	51.20
	0.0	-0.7	219.4	58.40	207.0	56.58	194.9	54.71	188.2	52.19	182.5	50.29	170.4	47.52
	3.0	2.2	219.4	54.04	207.0	52.19	194.9	50.44	188.2	48.14	182.5	46.50	170.4	43.85
	5.0	4.1	219.4	51.13	207.0	49.24	194.9	47.60	188.2	45.42	182.5	43.97	170.4	41.42
	7.0	6.0	219.4	48.25	207.0	46.30	194.9	44.77	188.2	42.73	182.5	41.43	170.4	38.96
	9.0	7.9	219.4	43.57	207.0	41.83	194.9	40.41	188.2	38.59	182.5	37.43	170.4	35.18
	11.0	9.8	219.4	40.56	207.0	38.92	194.9	37.65	188.2	35.94	182.5	34.85	170.4	32.75
	13.0	11.8	219.4	37.94	207.0	36.42	194.9	35.22	188.2	33.62	182.5	32.60	170.4	30.64
15.0	13.7	219.4	35.80	207.0	34.35	194.9	33.19	188.2	31.70	182.5	30.75	170.4	28.90	
60	-24.8	-25	167.0	81.75	167.0	82.71	165.9	84.20	161.4	79.86	155.8	75.78	146.0	71.95
	-21.8	-22	179.6	83.21	178.0	84.20	167.1	79.86	161.4	75.78	155.8	71.95	146.0	68.27
	-19.8	-20	188.2	84.20	178.0	81.11	167.1	76.95	161.4	73.09	155.8	69.41	146.0	65.78
	-18.8	-19	188.2	82.65	178.0	79.60	167.1	75.51	161.4	71.73	155.8	68.13	146.0	64.57
	-16.7	-17	188.2	79.41	178.0	76.39	167.1	72.49	161.4	68.86	155.8	65.44	146.0	61.96
	-13.7	-15	188.2	74.77	178.0	71.79	167.1	68.15	161.4	64.81	155.8	61.62	146.0	58.28
	-11.8	-13	188.2	71.82	178.0	68.88	167.1	65.39	161.4	62.23	155.8	59.19	146.0	55.93
	-9.8	-11	188.2	68.75	178.0	65.82	167.1	62.52	161.4	59.51	155.8	56.66	146.0	53.47
	-9.5	-10	188.2	68.28	178.0	65.35	167.1	62.08	161.4	59.11	155.8	56.28	146.0	53.10
	-8.5	-9.1	188.2	66.73	178.0	63.83	167.1	60.61	161.4	57.75	155.8	55.00	146.0	51.86
	-7.0	-7.6	188.2	64.41	178.0	61.52	167.1	58.47	161.4	55.72	155.8	53.09	146.0	50.02
	-5.0	-5.6	188.2	61.34	178.0	58.46	167.1	55.57	161.4	53.00	155.8	50.55	146.0	47.56
	-3.0	-3.7	188.2	58.25	178.0	55.40	167.1	52.66	161.4	50.28	155.8	47.98	146.0	45.09
	0.0	-0.7	188.2	53.61	178.0	50.80	167.1	48.35	161.4	46.23	155.8	44.15	146.0	41.38
	3.0	2.2	188.2	48.97	178.0	46.20	167.1	44.01	161.4	42.15	155.8	40.33	146.0	37.71
	5.0	4.1	188.2	45.90	178.0	43.14	167.1	41.10	161.4	39.43	155.8	37.79	146.0	35.24
	7.0	6.0	188.2	42.81	178.0	40.08	167.1	38.23	161.4	36.74	155.8	35.25	146.0	32.75
	9.0	7.9	188.2	38.19	178.0	35.76	167.1	34.09	161.4	32.78	155.8	31.44	146.0	29.23
	11.0	9.8	188.2	35.65	178.0	33.40	167.1	31.84	161.4	30.61	155.8	29.37	146.0	27.30
	13.0	11.8	188.2	33.40	178.0	31.30	167.1	29.84	161.4	28.68	155.8	27.49	146.0	25.56
15.0	13.7	188.2	31.55	178.0	29.56	167.1	28.18	161.4	27.09	155.8	26.00	146.0	24.18	
50	-24.8	-25	156.9	71.33	147.9	72.82	139.2	69.00	134.7	65.43	130.2	62.05	121.2	58.90
	-21.8	-22	156.9	72.82	147.9	69.00	139.2	65.43	134.7	62.05	130.2	58.90	121.2	55.85
	-19.8	-20	156.9	70.14	147.9	66.46	139.2	63.05	134.7	59.78	130.2	56.80	121.2	53.84
	-18.8	-19	156.9	68.81	147.9	65.18	139.2	61.84	134.7	58.64	130.2	55.74	121.2	52.81
	-16.7	-17	156.9	66.02	147.9	62.49	139.2	59.34	134.7	56.29	130.2	53.54	121.2	50.71
	-13.7	-15	156.9	62.04	147.9	58.67	139.2	55.77	134.7	52.91	130.2	50.38	121.2	47.67
	-11.8	-13	156.9	59.51	147.9	56.25	139.2	53.53	134.7	50.78	130.2	48.40	121.2	45.76
	-9.8	-11	156.9	56.86	147.9	53.71	139.2	51.14	134.7	48.51	130.2	46.30	121.2	43.71
	-9.5	-10	156.9	56.45	147.9	53.34	139.2	50.77	134.7	48.17	130.2	45.98	121.2	43.42
	-8.5	-9.1	156.9	55.13	147.9	52.05	139.2	49.60	134.7	47.04	130.2	44.94	121.2	42.42
	-7.0	-7.6	156.9	53.14	147.9	50.14	139.2	47.80	134.7	45.35	130.2	43.37	121.2	40.89
	-5.0	-5.6	156.9	50.49	147.9	47.61	139.2	45.41	134.7	43.11	130.2	41.24	121.2	38.87
	-3.0	-3.7	156.9	47.81	147.9	45.07	139.2	43.05	134.7	40.86	130.2	39.15	121.2	36.85
	0.0	-0.7	156.9	43.83	147.9	41.24	139.2	39.46	134.7	37.45	130.2	36.02	121.2	33.81
	3.0	2.2	156.9	39.83	147.9	37.42	139.2	35.89	134.7	34.07	130.2	32.87	121.2	30.79
	5.0	4.1	156.9	37.18	147.9	34.88	139.2	33.51	134.7	31.83	130.2	30.77	121.2	28.77
	7.0	6.0	156.9	34.53	147.9	32.32	139.2	31.15	134.7	29.59	130.2	28.65	121.2	26.73
	9.0	7.9	156.9	31.19	147.9	29.19	139.2	28.10	134.7	26.72	130.2	25.89	121.2	24.15
	11.0	9.8	156.9	29.16	147.9	27.31	139.2	26.32	134.7	24.98	130.2	24.22	121.2	22.59
	13.0	11.8	156.9	27.38	147.9	25.64	139.2	24.69	134.7	23.46	130.2	22.73	121.2	21.21
15.0	13.7	156.9	25.92	147.9	24.26	139.2	23.38	134.7	22.22	130.2	21.53	121.2	20.08	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM920BTE5

Heating Capacity (92HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	175.7	96.24	175.7	96.90	174.5	97.50	174.5	98.42	174.5	99.28	171.4	100.6
	-21.8	-22	216.0	97.59	216.0	98.29	214.5	98.88	214.5	99.77	214.5	100.6	210.3	102.0
	-19.8	-20	228.9	98.52	228.9	99.18	227.3	99.77	227.3	100.7	227.3	101.6	223.1	102.9
	-18.8	-19	234.1	98.95	234.1	99.64	232.6	100.2	232.6	101.2	232.6	102.0	228.0	103.4
	-16.7	-17	244.8	99.91	244.8	100.6	243.3	101.2	243.3	102.1	243.3	103.0	238.7	104.3
	-13.7	-15	260.1	101.3	260.1	102.0	258.6	102.6	258.6	103.5	258.6	104.3	253.6	100.6
	-11.8	-13	268.6	102.2	268.6	102.9	267.0	103.4	267.0	104.3	267.0	101.8	263.1	98.14
	-9.8	-11	277.4	103.1	277.4	103.7	275.9	104.3	275.9	101.7	275.9	99.15	273.0	95.61
	-9.5	-10	279.0	103.2	279.0	103.9	277.4	103.9	277.4	101.2	277.1	98.74	274.5	95.24
	-8.5	-9.1	284.4	103.7	284.4	104.3	282.8	102.6	282.8	99.90	281.6	97.40	279.5	93.97
	-7.0	-7.6	292.5	104.3	292.5	102.4	290.6	100.5	290.6	97.88	290.6	95.38	286.8	92.07
	-5.0	-5.6	303.2	101.8	303.2	99.71	301.3	97.80	301.3	95.20	301.3	92.73	296.7	89.56
	-3.0	-3.7	314.0	99.30	314.0	97.06	312.1	95.05	312.1	92.51	312.1	90.05	306.6	87.03
	0.0	-0.7	330.1	95.49	330.1	93.11	327.9	90.95	327.9	88.45	327.9	86.03	321.8	83.23
	3.0	2.2	346.3	91.69	346.3	89.12	344.0	86.88	344.0	84.42	344.0	82.03	322.8	79.46
	5.0	4.1	356.8	89.16	356.8	86.47	354.8	84.13	354.8	81.73	354.8	79.35	322.8	76.92
	7.0	6.0	367.5	86.62	367.5	83.86	365.2	81.40	359.4	79.05	346.7	76.70	322.8	74.39
	9.0	7.9	369.4	84.57	369.4	81.85	368.3	79.46	359.4	77.15	346.7	74.87	322.8	72.60
	11.0	9.8	369.4	83.26	369.4	80.58	368.3	78.23	359.4	75.95	346.7	73.68	322.8	71.48
	13.0	11.8	369.4	81.81	369.4	79.17	368.3	76.89	359.4	74.65	346.7	72.42	322.8	70.25
15.0	13.7	369.4	80.28	369.4	77.67	368.3	75.43	359.4	73.23	346.7	71.04	322.8	68.91	
120	-24.8	-25	174.5	96.90	174.5	97.50	173.3	98.42	173.3	99.28	173.3	100.6	170.2	101.6
	-21.8	-22	214.5	98.29	214.5	98.88	213.0	99.77	213.0	100.6	213.0	102.0	209.1	103.0
	-19.8	-20	227.3	99.18	227.3	99.77	225.8	100.7	225.8	101.6	225.8	102.9	221.5	103.9
	-18.8	-19	232.3	99.64	232.3	100.2	230.8	101.2	230.8	102.0	230.8	103.4	226.5	104.3
	-16.7	-17	243.0	100.6	243.0	101.2	241.4	102.1	241.4	103.0	241.4	104.3	236.8	101.9
	-13.7	-15	258.2	102.0	258.2	102.6	256.7	103.5	256.7	104.3	256.7	100.7	251.7	98.41
	-11.8	-13	266.7	102.9	266.7	103.4	265.1	104.3	265.1	101.8	265.1	98.44	261.2	96.20
	-9.8	-11	275.5	103.7	275.5	104.3	273.9	101.5	273.9	99.08	273.9	96.02	271.1	93.89
	-9.5	-10	277.1	103.9	277.1	103.9	275.5	101.1	275.5	98.67	275.5	95.64	272.6	93.52
	-8.5	-9.1	282.4	104.3	282.4	102.4	280.6	99.71	280.6	97.32	280.6	94.45	277.3	92.37
	-7.0	-7.6	290.5	102.2	290.5	100.2	288.6	97.59	288.6	95.31	288.6	92.62	284.8	90.64
	-5.0	-5.6	301.3	99.23	301.3	97.25	299.3	94.79	299.3	92.62	299.3	90.20	294.8	88.30
	-3.0	-3.7	311.7	96.31	311.7	94.30	309.8	91.99	309.8	89.91	309.8	87.81	303.2	85.99
	0.0	-0.7	327.8	91.92	327.8	89.86	325.6	87.77	325.6	85.87	325.6	84.16	303.2	82.48
	3.0	2.2	343.7	87.55	343.7	85.42	341.7	83.56	336.7	81.84	326.3	80.54	303.2	79.01
	5.0	4.1	354.4	84.64	354.4	82.45	348.3	80.73	336.7	79.13	326.3	78.12	303.2	76.70
	7.0	6.0	365.2	81.70	362.8	79.50	348.3	77.93	336.7	76.44	326.3	75.73	303.2	74.36
	9.0	7.9	366.7	79.54	362.8	77.41	348.3	75.88	336.7	74.43	326.3	73.72	303.2	72.41
	11.0	9.8	366.7	78.08	362.8	75.99	348.3	74.47	336.7	73.05	326.3	72.37	303.2	71.07
	13.0	11.8	366.7	76.52	362.8	74.43	348.3	72.97	336.7	71.59	326.3	70.89	303.2	69.65
15.0	13.7	366.7	74.80	362.8	72.79	348.3	71.37	336.7	69.99	326.3	69.32	303.2	68.09	
110	-24.8	-25	173.7	97.50	173.7	98.42	172.5	99.28	172.5	100.6	172.5	101.6	169.1	102.1
	-21.8	-22	213.3	98.88	213.3	99.77	211.8	100.6	211.8	102.0	211.8	103.0	207.9	103.4
	-19.8	-20	226.1	99.77	226.1	100.7	224.6	101.6	224.6	102.9	224.6	103.9	220.3	104.3
	-18.8	-19	231.1	100.2	231.1	101.2	229.6	102.0	229.6	103.4	229.6	104.3	225.3	103.0
	-16.7	-17	241.8	101.2	241.8	102.1	240.2	103.0	240.2	104.3	240.2	101.7	235.6	100.3
	-13.7	-15	256.7	102.6	256.7	103.5	255.1	104.3	255.1	100.3	255.1	97.88	255.1	96.42
	-11.8	-13	265.1	103.4	265.1	104.3	263.6	101.5	263.6	97.80	263.6	95.49	263.6	93.93
	-9.8	-11	274.0	104.3	274.0	101.2	272.4	98.55	272.4	95.12	272.4	92.96	271.1	91.35
	-9.5	-10	275.5	103.8	275.5	100.7	274.0	98.10	274.0	94.71	274.0	92.59	272.8	90.95
	-8.5	-9.1	280.9	102.1	280.9	99.08	279.3	96.61	279.3	93.37	279.3	91.32	272.8	89.64
	-7.0	-7.6	289.0	99.53	289.0	96.69	287.1	94.38	287.1	91.36	287.1	89.42	272.8	87.70
	-5.0	-5.6	299.4	96.09	299.4	93.52	297.5	91.39	297.5	88.71	292.1	86.88	272.8	85.09
	-3.0	-3.7	310.1	92.66	310.1	90.31	308.2	88.41	302.4	86.02	292.1	84.38	272.8	82.52
	0.0	-0.7	325.9	87.52	325.9	85.54	312.5	83.97	302.4	82.00	292.1	80.58	272.8	78.60
	3.0	2.2	341.7	82.37	333.2	80.76	312.5	79.50	302.4	78.01	292.1	76.78	272.8	74.69
	5.0	4.1	352.5	78.94	333.2	77.56	312.5	76.52	302.4	75.32	292.1	74.24	272.8	72.11
	7.0	6.0	352.5	75.51	333.2	74.39	312.5	73.54	302.4	72.64	292.1	71.71	272.8	69.51
	9.0	7.9	352.5	73.19	333.2	72.08	312.5	71.26	302.4	70.40	292.1	69.51	272.8	67.35
	11.0	9.8	352.5	71.48	333.2	70.40	312.5	69.62	302.4	68.76	292.1	67.90	272.8	65.81
	13.0	11.8	352.5	69.66	333.2	68.61	312.5	67.86	302.4	67.01	292.1	66.15	272.8	64.13
15.0	13.7	352.5	67.72	333.2	66.71	312.5	65.96	302.4	65.15	292.1	64.32	272.8	62.34	

7. Capacity Tables

Heating Capacity (92HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	172.9	107.9	172.9	107.4	171.8	99.98	171.8	106.3	171.8	105.8	168.3	105.5
	-21.8	-22	212.2	107.2	212.2	106.7	211.0	103.1	211.0	105.6	211.0	106.5	206.8	104.8
	-19.8	-20	225.0	106.7	225.0	106.3	223.8	105.1	223.8	105.1	223.8	105.1	219.5	104.3
	-18.8	-19	230.0	106.5	228.8	106.0	228.8	105.6	228.8	104.8	228.8	104.3	224.2	102.7
	-16.7	-17	239.1	106.0	239.1	105.5	239.1	106.5	237.9	104.3	237.9	101.1	233.3	99.37
	-13.7	-15	255.5	105.3	255.5	104.8	254.0	104.3	254.0	99.56	254.0	96.31	249.3	94.53
	-11.8	-13	263.9	104.8	262.4	104.3	262.4	101.2	262.4	96.54	262.4	93.30	249.3	91.47
	-9.8	-11	272.5	104.3	272.5	100.8	271.3	97.80	271.3	93.33	267.5	90.16	249.3	88.26
	-9.5	-10	274.0	103.8	274.0	100.2	272.8	97.29	272.8	92.88	267.5	89.68	249.3	87.78
	-8.5	-9.1	279.4	101.9	279.4	98.44	278.2	95.61	276.7	91.28	267.5	88.11	249.3	86.17
	-7.0	-7.6	292.1	99.15	290.9	95.79	285.9	93.11	276.7	88.89	267.5	85.76	249.3	83.75
	-5.0	-5.6	304.8	95.42	301.7	92.21	285.9	89.72	276.7	85.69	267.5	82.59	249.3	80.54
	-3.0	-3.7	313.6	91.69	304.3	88.64	285.9	86.36	276.7	82.52	267.5	79.46	249.3	77.34
	0.0	-0.7	322.5	86.13	304.3	83.30	285.9	81.33	276.7	77.71	267.5	74.72	249.3	72.52
	3.0	2.2	322.5	80.54	304.3	77.93	285.9	76.29	276.7	72.94	267.5	69.99	249.3	67.68
	5.0	4.1	322.5	76.82	304.3	74.39	285.9	72.94	276.7	69.76	267.5	66.85	249.3	64.47
	7.0	6.0	322.5	73.12	304.3	70.81	285.9	69.58	276.7	66.56	267.5	63.69	249.3	61.26
	9.0	7.9	322.5	70.55	304.3	68.32	285.9	67.15	276.7	64.25	267.5	61.45	249.3	59.10
	11.0	9.8	322.5	68.58	304.3	66.44	285.9	65.29	276.7	62.46	267.5	59.74	249.3	57.46
	13.0	11.8	322.5	66.49	304.3	64.40	285.9	63.28	276.7	60.55	267.5	57.94	249.3	55.71
15.0	13.7	322.5	64.28	304.3	62.27	285.9	61.19	276.7	58.51	267.5	56.00	249.3	53.85	
90	-24.8	-25	172.2	95.91	172.2	97.29	171.0	98.25	171.0	98.71	171.0	99.61	167.9	101.0
	-21.8	-22	211.4	97.29	211.4	98.65	210.2	99.61	210.2	100.1	210.2	101.0	206.0	96.70
	-19.8	-20	224.2	98.19	224.2	99.57	222.7	100.5	222.7	101.0	222.7	98.08	218.5	93.86
	-18.8	-19	230.0	98.65	228.8	100.0	227.7	101.0	227.7	99.50	227.7	96.62	223.4	92.44
	-16.7	-17	239.1	99.61	239.1	101.0	238.3	97.89	238.3	96.36	238.3	93.56	227.8	89.45
	-13.7	-15	255.5	101.0	255.5	96.40	253.2	93.48	253.2	91.84	245.5	89.19	227.8	85.19
	-11.8	-13	263.9	97.85	262.4	93.48	261.3	90.68	253.6	89.00	245.5	86.42	227.8	82.46
	-9.8	-11	272.5	94.53	272.5	90.45	261.6	87.73	253.6	86.01	245.5	83.51	227.8	79.62
	-9.5	-10	274.0	94.04	274.0	89.97	261.6	87.31	253.6	85.56	245.5	83.09	227.8	79.18
	-8.5	-9.1	279.4	92.40	277.4	88.44	261.6	85.82	253.6	84.07	245.5	81.63	227.8	77.76
	-7.0	-7.6	292.1	89.93	277.8	86.15	261.6	83.61	253.6	81.82	245.5	79.43	227.8	75.63
	-5.0	-5.6	295.2	86.63	277.8	83.09	261.6	80.66	253.6	78.83	245.5	76.52	227.8	72.78
	-3.0	-3.7	295.2	83.31	277.8	80.03	261.6	77.74	253.6	75.84	245.5	73.60	227.8	69.94
	0.0	-0.7	295.2	78.37	277.8	75.46	261.6	73.33	253.6	71.35	245.5	69.23	227.8	65.65
	3.0	2.2	295.2	73.40	277.8	70.86	261.6	68.89	253.6	66.84	245.5	64.89	227.8	61.39
	5.0	4.1	295.2	70.11	277.8	67.80	261.6	65.97	253.6	63.85	245.5	61.98	227.8	58.55
	7.0	6.0	295.2	66.82	277.8	64.77	261.6	63.02	253.6	60.86	245.5	59.06	227.8	55.67
	9.0	7.9	295.2	63.68	277.8	61.74	261.6	60.07	253.6	58.02	245.5	56.30	227.8	53.09
	11.0	9.8	295.2	60.58	277.8	58.71	261.6	57.11	253.6	55.17	245.5	53.53	227.8	50.48
	13.0	11.8	295.2	57.44	277.8	55.69	261.6	54.19	253.6	52.33	245.5	50.77	227.8	47.89
15.0	13.7	295.2	54.33	277.8	52.66	261.6	51.24	253.6	49.49	245.5	48.03	227.8	45.28	
80	-24.8	-25	171.4	84.48	171.4	85.84	170.3	86.80	170.3	87.26	170.3	89.54	167.1	85.80
	-21.8	-22	209.1	85.84	209.1	87.23	209.1	88.18	209.1	89.54	209.1	85.80	203.6	82.18
	-19.8	-20	221.9	86.76	221.9	88.12	221.9	89.54	221.9	86.89	218.9	83.29	203.6	79.75
	-18.8	-19	226.9	87.23	226.9	89.54	226.9	88.19	226.7	85.58	218.9	82.03	203.6	78.55
	-16.7	-17	234.0	89.54	234.0	86.77	234.0	85.39	227.0	82.78	218.9	79.41	203.6	76.01
	-13.7	-15	244.7	85.42	239.8	82.77	234.0	81.36	227.0	78.81	218.9	75.64	203.6	72.39
	-11.8	-13	250.6	82.81	243.3	80.23	234.0	78.81	227.0	76.31	218.9	73.25	203.6	70.11
	-9.8	-11	257.2	80.04	246.7	77.58	234.0	76.15	227.0	73.65	218.9	70.74	203.6	67.72
	-9.5	-10	259.1	79.63	248.2	77.17	234.0	75.74	227.0	73.25	218.9	70.37	203.6	67.34
	-8.5	-9.1	261.7	78.25	249.3	75.86	234.0	74.40	227.0	71.93	218.9	69.13	203.6	66.15
	-7.0	-7.6	264.4	76.19	249.3	73.87	234.0	72.38	227.0	69.95	218.9	67.23	203.6	64.32
	-5.0	-5.6	264.4	73.43	249.3	71.19	234.0	69.69	227.0	67.30	218.9	64.73	203.6	61.93
	-3.0	-3.7	264.4	70.66	249.3	68.53	234.0	67.04	227.0	64.65	218.9	62.22	203.6	59.50
	0.0	-0.7	264.4	66.55	249.3	64.57	234.0	63.00	227.0	60.65	218.9	58.48	203.6	55.91
	3.0	2.2	264.4	62.40	249.3	60.57	234.0	58.97	227.0	56.69	218.9	54.71	203.6	52.29
	5.0	4.1	264.4	59.67	249.3	57.91	234.0	56.31	227.0	54.04	218.9	52.21	203.6	49.86
	7.0	6.0	264.4	56.90	249.3	55.26	234.0	53.62	227.0	51.38	218.9	49.70	203.6	47.47
	9.0	7.9	264.4	53.43	249.3	51.87	234.0	50.34	227.0	48.25	218.9	46.68	203.6	44.56
	11.0	9.8	264.4	49.59	249.3	48.14	234.0	46.72	227.0	44.78	218.9	43.33	203.6	41.35
	13.0	11.8	264.4	46.28	249.3	44.94	234.0	43.63	227.0	41.80	218.9	40.42	203.6	38.60
15.0	13.7	264.4	43.59	249.3	42.32	234.0	41.06	227.0	39.34	218.9	38.07	203.6	36.35	

7. Capacity Tables

Heating Capacity (92HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	171.4	84.71	171.4	85.17	170.3	86.09	170.3	87.45	170.3	83.34	167.1	79.49
	-21.8	-22	200.5	86.09	200.5	86.52	199.3	87.45	192.4	83.34	186.6	79.49	174.3	75.76
	-19.8	-20	219.9	86.99	211.7	87.45	199.3	84.57	192.4	80.61	186.6	76.92	174.3	73.29
	-18.8	-19	224.3	87.45	211.7	85.95	199.3	83.12	192.4	79.23	186.6	75.64	174.3	72.06
	-16.7	-17	224.3	84.38	211.7	82.85	199.3	80.09	192.4	76.35	186.6	72.95	174.3	69.44
	-13.7	-15	224.3	79.97	211.7	78.37	199.3	75.79	192.4	72.24	186.6	69.11	174.3	65.71
	-11.8	-13	224.3	77.17	211.7	75.53	199.3	73.06	192.4	69.63	186.6	66.68	174.3	63.35
	-9.8	-11	224.3	74.22	211.7	72.57	199.3	70.15	192.4	66.90	186.6	64.10	174.3	60.89
	-9.5	-10	224.3	73.77	211.7	72.13	199.3	69.74	192.4	66.49	186.6	63.73	174.3	60.51
	-8.5	-9.1	224.3	72.31	211.7	70.63	199.3	68.28	192.4	65.11	186.6	62.45	174.3	59.25
	-7.0	-7.6	224.3	70.11	211.7	68.39	199.3	66.12	192.4	63.06	186.6	60.51	174.3	57.38
	-5.0	-5.6	224.3	67.19	211.7	65.41	199.3	63.24	192.4	60.33	186.6	57.94	174.3	54.91
	-3.0	-3.7	224.3	64.24	211.7	62.45	199.3	60.36	192.4	57.60	186.6	55.39	174.3	52.44
	0.0	-0.7	224.3	59.83	211.7	57.97	199.3	56.06	192.4	53.49	186.6	51.55	174.3	48.71
	3.0	2.2	224.3	55.42	211.7	53.52	199.3	51.73	192.4	49.38	186.6	47.70	174.3	44.98
	5.0	4.1	224.3	52.47	211.7	50.53	199.3	48.85	192.4	46.62	186.6	45.12	174.3	42.51
	7.0	6.0	224.3	49.55	211.7	47.55	199.3	45.97	192.4	43.89	186.6	42.55	174.3	40.01
	9.0	7.9	224.3	44.75	211.7	42.95	199.3	41.50	192.4	39.64	186.6	38.44	174.3	36.13
	11.0	9.8	224.3	41.65	211.7	39.98	199.3	38.66	192.4	36.91	186.6	35.79	174.3	33.64
	13.0	11.8	224.3	38.97	211.7	37.40	199.3	36.17	192.4	34.53	186.6	33.48	174.3	31.47
15.0	13.7	224.3	36.76	211.7	35.27	199.3	34.08	192.4	32.55	186.6	31.58	174.3	29.68	
60	-24.8	-25	170.8	83.75	170.8	84.64	169.6	86.03	165.1	81.61	159.3	77.46	149.3	73.57
	-21.8	-22	183.7	85.11	182.0	86.03	170.8	81.61	165.1	77.46	159.3	73.57	149.3	69.82
	-19.8	-20	192.4	86.03	182.0	82.89	170.8	78.66	165.1	74.72	159.3	70.98	149.3	67.28
	-18.8	-19	192.4	84.46	182.0	81.35	170.8	77.20	165.1	73.34	159.3	69.67	149.3	66.04
	-16.7	-17	192.4	81.16	182.0	78.09	170.8	74.12	165.1	70.42	159.3	66.94	149.3	63.39
	-13.7	-15	192.4	76.44	182.0	73.41	170.8	69.70	165.1	66.30	159.3	63.05	149.3	59.64
	-11.8	-13	192.4	73.45	182.0	70.45	170.8	66.90	165.1	63.68	159.3	60.58	149.3	57.25
	-9.8	-11	192.4	70.33	182.0	67.34	170.8	63.97	165.1	60.91	159.3	57.99	149.3	54.74
	-9.5	-10	192.4	69.85	182.0	66.86	170.8	63.53	165.1	60.50	159.3	57.62	149.3	54.37
	-8.5	-9.1	192.4	68.28	182.0	65.32	170.8	62.03	165.1	59.11	159.3	56.31	149.3	53.10
	-7.0	-7.6	192.4	65.92	182.0	62.96	170.8	59.86	165.1	57.05	159.3	54.36	149.3	51.22
	-5.0	-5.6	192.4	62.80	182.0	59.86	170.8	56.90	165.1	54.28	159.3	51.78	149.3	48.72
	-3.0	-3.7	192.4	59.66	182.0	56.75	170.8	53.95	165.1	51.52	159.3	49.16	149.3	46.21
	0.0	-0.7	192.4	54.94	182.0	52.07	170.8	49.56	165.1	47.39	159.3	45.27	149.3	42.43
	3.0	2.2	192.4	50.22	182.0	47.39	170.8	45.14	165.1	43.24	159.3	41.37	149.3	38.68
	5.0	4.1	192.4	47.11	182.0	44.28	170.8	42.19	165.1	40.47	159.3	38.79	149.3	36.18
	7.0	6.0	192.4	43.96	182.0	41.17	170.8	39.26	165.1	37.73	159.3	36.20	149.3	33.64
	9.0	7.9	192.4	39.23	182.0	36.73	170.8	35.02	165.1	33.67	159.3	32.29	149.3	30.02
	11.0	9.8	192.4	36.62	182.0	34.30	170.8	32.70	165.1	31.43	159.3	30.16	149.3	28.04
	13.0	11.8	192.4	34.31	182.0	32.14	170.8	30.65	165.1	29.45	159.3	28.23	149.3	26.25
15.0	13.7	192.4	32.41	182.0	30.36	170.8	28.94	165.1	27.82	159.3	26.70	149.3	24.83	
50	-24.8	-25	160.5	72.96	151.3	74.34	142.4	70.46	137.8	66.84	133.1	63.40	123.9	60.19
	-21.8	-22	160.5	74.34	151.3	70.46	142.4	66.84	137.8	63.40	133.1	60.19	123.9	57.09
	-19.8	-20	160.5	71.62	151.3	67.88	142.4	64.41	137.8	61.09	133.1	58.06	123.9	55.04
	-18.8	-19	160.5	70.28	151.3	66.58	142.4	63.18	137.8	59.93	133.1	56.98	123.9	54.00
	-16.7	-17	160.5	67.44	151.3	63.85	142.4	60.64	137.8	57.54	133.1	54.74	123.9	51.86
	-13.7	-15	160.5	63.40	151.3	59.97	142.4	57.02	137.8	54.10	133.1	51.53	123.9	48.77
	-11.8	-13	160.5	60.83	151.3	57.51	142.4	54.74	137.8	51.94	133.1	49.51	123.9	46.82
	-9.8	-11	160.5	58.14	151.3	54.93	142.4	52.31	137.8	49.63	133.1	47.38	123.9	44.74
	-9.5	-10	160.5	57.73	151.3	54.55	142.4	51.94	137.8	49.29	133.1	47.05	123.9	44.44
	-8.5	-9.1	160.5	56.38	151.3	53.25	142.4	50.74	137.8	48.13	133.1	46.00	123.9	43.42
	-7.0	-7.6	160.5	54.36	151.3	51.30	142.4	48.91	137.8	46.41	133.1	44.39	123.9	41.86
	-5.0	-5.6	160.5	51.67	151.3	48.72	142.4	46.49	137.8	44.13	133.1	42.23	123.9	39.81
	-3.0	-3.7	160.5	48.95	151.3	46.14	142.4	44.09	137.8	41.85	133.1	40.10	123.9	37.75
	0.0	-0.7	160.5	44.91	151.3	42.26	142.4	40.44	137.8	38.39	133.1	36.92	123.9	34.65
	3.0	2.2	160.5	40.84	151.3	38.38	142.4	36.81	137.8	34.95	133.1	33.71	123.9	31.59
	5.0	4.1	160.5	38.15	151.3	35.80	142.4	34.39	137.8	32.67	133.1	31.58	123.9	29.53
	7.0	6.0	160.5	35.46	151.3	33.19	142.4	31.99	137.8	30.39	133.1	29.42	123.9	27.45
	9.0	7.9	160.5	32.03	151.3	29.98	142.4	28.86	137.8	27.44	133.1	26.59	123.9	24.80
	11.0	9.8	160.5	29.95	151.3	28.04	142.4	27.03	137.8	25.66	133.1	24.87	123.9	23.20
	13.0	11.8	160.5	28.12	151.3	26.33	142.4	25.36	137.8	24.09	133.1	23.34	123.9	21.78
15.0	13.7	160.5	26.62	151.3	24.91	142.4	24.01	137.8	22.82	133.1	22.11	123.9	20.62	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM940BTE5

Heating Capacity (94HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	179.6	100.0	179.6	100.7	178.5	101.3	178.5	102.2	178.5	103.1	175.2	104.5
	-21.8	-22	220.8	101.4	220.8	102.1	219.3	102.7	219.3	103.6	219.3	104.5	215.0	105.9
	-19.8	-20	233.9	102.3	233.9	103.0	232.3	103.6	232.3	104.6	232.3	105.4	228.0	106.8
	-18.8	-19	239.3	102.8	239.3	103.5	237.7	104.1	237.7	105.0	237.7	105.9	233.1	107.3
	-16.7	-17	250.2	103.8	250.2	104.5	248.6	105.1	248.6	106.0	248.6	106.9	243.9	108.3
	-13.7	-15	265.8	105.2	265.8	105.9	264.2	106.5	264.2	107.4	264.2	108.3	259.1	104.4
	-11.8	-13	274.5	106.1	274.5	106.8	272.9	107.4	272.9	108.3	272.9	105.7	268.9	101.9
	-9.8	-11	283.6	107.0	283.6	107.7	281.9	108.3	281.9	105.5	281.9	102.9	279.0	99.22
	-9.5	-10	285.2	107.1	285.2	107.8	283.5	107.9	283.5	105.1	283.2	102.5	280.6	98.84
	-8.5	-9.1	290.7	107.6	290.7	108.3	289.0	106.5	289.0	103.7	287.9	101.1	285.6	97.52
	-7.0	-7.6	298.9	108.3	298.9	106.2	297.0	104.3	297.0	101.6	297.0	98.99	293.1	95.55
	-5.0	-5.6	309.9	105.7	309.9	103.5	307.9	101.5	307.9	98.79	307.9	96.24	303.3	92.95
	-3.0	-3.7	320.9	103.1	320.9	100.7	318.9	98.64	318.9	96.01	318.9	93.45	313.4	90.32
	0.0	-0.7	337.4	99.10	337.4	96.63	335.1	94.39	335.1	91.79	335.1	89.28	328.9	86.38
	3.0	2.2	353.9	95.16	353.9	92.49	351.6	90.16	351.6	87.61	351.6	85.13	329.9	82.46
	5.0	4.1	364.6	92.53	364.6	89.74	362.6	87.31	362.6	84.82	354.3	82.35	329.9	79.83
	7.0	6.0	375.6	89.90	375.6	87.03	373.2	84.48	367.3	82.04	354.3	79.60	329.9	77.20
	9.0	7.9	377.6	87.77	377.6	84.94	376.4	82.47	367.3	80.07	354.3	77.70	329.9	75.35
	11.0	9.8	377.6	86.41	377.6	83.62	376.4	81.19	367.3	78.83	354.3	76.47	329.9	74.18
	13.0	11.8	377.6	84.90	377.6	82.16	376.4	79.79	367.3	77.47	354.3	75.15	329.9	72.91
15.0	13.7	377.6	83.31	377.6	80.61	376.4	78.28	367.3	76.00	354.3	73.72	329.9	71.52	
120	-24.8	-25	178.4	100.7	178.4	101.3	177.3	102.2	177.3	103.1	177.3	104.5	174.0	105.5
	-21.8	-22	219.2	102.1	219.2	102.7	217.7	103.6	217.7	104.5	217.7	105.9	213.7	106.9
	-19.8	-20	232.3	103.0	232.3	103.6	230.7	104.6	230.7	105.4	230.7	106.8	226.4	107.8
	-18.8	-19	237.4	103.5	237.4	104.1	235.8	105.0	235.8	105.9	235.8	107.3	231.5	108.3
	-16.7	-17	248.3	104.5	248.3	105.1	246.7	106.0	246.7	106.9	246.7	108.3	242.0	105.8
	-13.7	-15	263.9	105.9	263.9	106.5	262.3	107.4	262.3	108.3	262.3	104.5	257.2	102.1
	-11.8	-13	272.5	106.8	272.5	107.4	270.9	108.3	270.9	105.6	270.9	102.2	266.9	99.84
	-9.8	-11	281.6	107.7	281.6	108.3	280.0	105.4	280.0	102.8	280.0	99.64	277.1	97.44
	-9.5	-10	283.2	107.8	283.2	107.8	281.6	105.0	281.6	102.4	281.6	99.26	278.6	97.06
	-8.5	-9.1	288.7	108.3	288.7	106.3	286.7	103.5	286.7	101.0	286.7	98.02	283.4	95.86
	-7.0	-7.6	296.9	106.0	296.9	104.0	295.0	101.3	295.0	98.91	295.0	96.13	291.1	94.07
	-5.0	-5.6	307.9	103.0	307.9	100.9	305.9	98.37	305.9	96.12	305.9	93.61	301.2	91.64
	-3.0	-3.7	318.6	99.96	318.6	97.86	316.6	95.46	316.6	93.30	316.6	91.13	309.9	89.24
	0.0	-0.7	335.0	95.39	335.0	93.26	332.7	91.09	332.7	89.12	332.7	87.34	309.9	85.60
	3.0	2.2	351.2	90.86	351.2	88.65	349.2	86.72	344.1	84.94	333.5	83.59	309.9	82.00
	5.0	4.1	362.2	87.84	362.2	85.56	356.0	83.78	344.1	82.12	333.5	81.07	309.9	79.60
	7.0	6.0	373.2	84.79	370.8	82.50	356.0	80.88	344.1	79.33	333.5	78.59	309.9	77.17
	9.0	7.9	374.7	82.55	370.8	80.33	356.0	78.75	344.1	77.24	333.5	76.50	309.9	75.15
	11.0	9.8	374.7	81.04	370.8	78.86	356.0	77.28	344.1	75.81	333.5	75.11	309.9	73.76
	13.0	11.8	374.7	79.41	370.8	77.24	356.0	75.73	344.1	74.30	333.5	73.57	309.9	72.28
15.0	13.7	374.7	77.63	370.8	75.54	356.0	74.06	344.1	72.64	333.5	71.94	309.9	70.66	
110	-24.8	-25	177.6	101.3	177.6	102.2	176.4	103.1	176.4	104.5	176.4	105.5	172.9	106.0
	-21.8	-22	218.0	102.7	218.0	103.6	216.5	104.5	216.5	105.9	216.5	106.9	212.5	107.4
	-19.8	-20	231.1	103.6	231.1	104.6	229.6	105.4	229.6	106.8	229.6	107.8	225.2	108.3
	-18.8	-19	236.2	104.1	236.2	105.0	234.6	105.9	234.6	107.3	234.6	108.3	230.3	106.9
	-16.7	-17	247.1	105.1	247.1	106.0	245.5	106.9	245.5	108.3	245.5	105.5	240.8	104.1
	-13.7	-15	262.3	106.5	262.3	107.4	260.8	108.3	260.8	104.1	260.8	101.6	260.8	100.1
	-11.8	-13	271.0	107.4	271.0	108.3	269.4	105.3	269.4	101.5	269.4	99.10	269.4	97.48
	-9.8	-11	280.0	108.3	280.0	105.0	278.4	102.3	278.4	98.72	278.4	96.47	277.0	94.81
	-9.5	-10	281.6	107.7	281.6	104.5	280.0	101.8	280.0	98.29	280.0	96.09	278.8	94.39
	-8.5	-9.1	287.1	106.0	287.1	102.8	285.5	100.3	285.5	96.90	285.5	94.77	278.8	93.03
	-7.0	-7.6	295.3	103.3	295.3	100.3	293.4	97.94	293.4	94.81	293.4	92.80	278.8	91.02
	-5.0	-5.6	306.0	99.73	306.0	97.05	304.0	94.85	304.0	92.06	298.5	90.17	278.8	88.31
	-3.0	-3.7	317.0	96.17	317.0	93.73	315.0	91.76	309.1	89.28	298.5	87.57	278.8	85.63
	0.0	-0.7	333.1	90.83	333.1	88.77	319.4	87.14	309.1	85.10	298.5	83.62	278.8	81.57
	3.0	2.2	349.3	85.49	340.5	83.82	319.4	82.50	309.1	80.95	298.5	79.68	278.8	77.52
	5.0	4.1	360.2	81.93	340.5	80.49	319.4	79.41	309.1	78.17	298.5	77.05	278.8	74.84
	7.0	6.0	360.2	78.36	340.5	77.20	319.4	76.32	309.1	75.39	298.5	74.42	278.8	72.13
	9.0	7.9	360.2	75.96	340.5	74.80	319.4	73.96	309.1	73.06	298.5	72.13	278.8	69.89
	11.0	9.8	360.2	74.18	340.5	73.06	319.4	72.25	309.1	71.36	298.5	70.47	278.8	68.30
	13.0	11.8	360.2	72.29	340.5	71.21	319.4	70.43	309.1	69.54	298.5	68.65	278.8	66.56
15.0	13.7	360.2	70.28	340.5	69.23	319.4	68.46	309.1	67.61	298.5	66.75	278.8	64.70	

7. Capacity Tables

Heating Capacity (94HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	176.8	112.1	176.8	111.6	175.6	103.8	175.6	110.4	175.6	109.8	172.1	109.5
	-21.8	-22	216.9	111.3	216.9	110.8	215.7	107.1	215.7	109.6	215.7	110.6	211.4	108.8
	-19.8	-20	230.0	110.8	230.0	110.3	228.7	109.1	228.7	109.1	228.7	109.1	224.4	108.3
	-18.8	-19	235.0	110.6	233.8	110.1	233.8	109.6	233.8	108.8	233.8	108.3	229.1	106.6
	-16.7	-17	244.4	110.0	244.4	109.5	244.4	110.6	243.1	108.3	243.1	104.9	238.4	103.1
	-13.7	-15	261.1	109.3	261.1	108.8	259.6	108.3	259.6	103.3	259.6	99.95	254.8	98.10
	-11.8	-13	269.7	108.8	268.2	108.3	268.2	105.0	268.2	100.2	268.2	96.83	254.8	94.93
	-9.8	-11	278.5	108.3	278.5	104.6	277.2	101.5	277.2	96.86	273.4	93.57	254.8	91.60
	-9.5	-10	280.0	107.7	280.0	104.0	278.8	101.0	278.8	96.39	273.4	93.07	254.8	91.10
	-8.5	-9.1	285.5	105.8	285.5	102.2	284.3	99.22	282.8	94.73	273.4	91.44	254.8	89.43
	-7.0	-7.6	298.5	102.9	297.3	99.41	292.2	96.62	282.8	92.25	273.4	89.00	254.8	86.92
	-5.0	-5.6	311.5	99.03	308.4	95.70	292.2	93.11	282.8	88.93	273.4	85.72	254.8	83.59
	-3.0	-3.7	320.5	95.16	311.0	91.99	292.2	89.63	282.8	85.64	273.4	82.46	254.8	80.26
	0.0	-0.7	329.6	89.39	311.0	86.45	292.2	84.40	282.8	80.65	273.4	77.55	254.8	75.26
	3.0	2.2	329.6	83.59	311.0	80.88	292.2	79.18	282.8	75.69	273.4	72.64	254.8	70.24
	5.0	4.1	329.6	79.72	311.0	77.20	292.2	75.69	282.8	72.40	273.4	69.38	254.8	66.91
	7.0	6.0	329.6	75.88	311.0	73.49	292.2	72.21	282.8	69.08	273.4	66.10	254.8	63.58
	9.0	7.9	329.6	73.22	311.0	70.90	292.2	69.69	282.8	66.67	273.4	63.78	254.8	61.34
	11.0	9.8	329.6	71.17	311.0	68.96	292.2	67.76	282.8	64.82	273.4	62.00	254.8	59.63
	13.0	11.8	329.6	69.00	311.0	66.83	292.2	65.67	282.8	62.84	273.4	60.13	254.8	57.82
15.0	13.7	329.6	66.71	311.0	64.62	292.2	63.50	282.8	60.72	273.4	58.12	254.8	55.88	
90	-24.8	-25	176.0	99.63	176.0	101.0	174.9	102.0	174.9	102.5	174.9	103.4	171.7	104.8
	-21.8	-22	216.1	101.0	216.1	102.4	214.9	103.4	214.9	103.9	214.9	104.8	210.6	100.4
	-19.8	-20	229.1	102.0	229.1	103.4	227.6	104.4	227.6	104.8	227.6	101.8	223.3	97.42
	-18.8	-19	235.0	102.4	233.8	103.8	232.7	104.8	232.7	103.3	232.7	100.3	228.3	95.94
	-16.7	-17	244.4	103.4	244.4	104.8	243.5	101.6	243.5	100.0	243.5	97.11	232.8	92.84
	-13.7	-15	261.1	104.8	261.1	100.1	258.7	97.03	258.7	95.32	250.9	92.57	232.8	88.41
	-11.8	-13	269.7	101.6	268.2	97.03	267.1	94.12	259.1	92.37	250.9	89.70	232.8	85.59
	-9.8	-11	278.5	98.11	278.5	93.88	267.4	91.05	259.1	89.27	250.9	86.67	232.8	82.64
	-9.5	-10	280.0	97.61	280.0	93.38	267.4	90.62	259.1	88.80	250.9	86.24	232.8	82.18
	-8.5	-9.1	285.5	95.90	283.6	91.79	267.4	89.07	259.1	87.25	250.9	84.73	232.8	80.70
	-7.0	-7.6	298.5	93.33	284.0	89.42	267.4	86.78	259.1	84.92	250.9	82.44	232.8	78.49
	-5.0	-5.6	301.7	89.92	284.0	86.24	267.4	83.72	259.1	81.82	250.9	79.42	232.8	75.54
	-3.0	-3.7	301.7	86.47	284.0	83.06	267.4	80.69	259.1	78.71	250.9	76.39	232.8	72.59
	0.0	-0.7	301.7	81.34	284.0	78.32	267.4	76.11	259.1	74.05	250.9	71.85	232.8	68.13
	3.0	2.2	301.7	76.18	284.0	73.55	267.4	71.50	259.1	69.37	250.9	67.35	232.8	63.71
	5.0	4.1	301.7	72.76	284.0	70.36	267.4	68.46	259.1	66.26	250.9	64.32	232.8	60.76
	7.0	6.0	301.7	69.34	284.0	67.21	267.4	65.40	259.1	63.16	250.9	61.30	232.8	57.78
	9.0	7.9	301.7	66.09	284.0	64.07	267.4	62.34	259.1	60.21	250.9	58.43	232.8	55.10
	11.0	9.8	301.7	62.86	284.0	60.93	267.4	59.27	259.1	57.26	250.9	55.56	232.8	52.38
	13.0	11.8	301.7	59.61	284.0	57.79	267.4	56.24	259.1	54.31	250.9	52.69	232.8	49.70
15.0	13.7	301.7	56.38	284.0	54.64	267.4	53.17	259.1	51.36	250.9	49.85	232.8	46.99	
80	-24.8	-25	175.3	87.77	175.3	89.15	174.1	90.13	174.1	90.61	174.1	92.93	170.9	89.05
	-21.8	-22	213.8	89.15	213.8	90.57	213.8	91.55	213.8	92.93	213.8	89.05	208.0	85.29
	-19.8	-20	226.8	90.10	226.8	91.48	226.8	92.93	226.8	90.18	223.7	86.45	208.0	82.77
	-18.8	-19	231.8	90.57	231.8	92.93	231.8	91.54	231.7	88.82	223.7	85.14	208.0	81.53
	-16.7	-17	239.1	92.93	239.1	90.06	239.1	88.63	232.0	85.92	223.7	82.42	208.0	78.90
	-13.7	-15	250.1	88.66	245.0	85.91	239.1	84.44	232.0	81.80	223.7	78.50	208.0	75.14
	-11.8	-13	256.1	85.94	248.6	83.27	239.1	81.80	232.0	79.20	223.7	76.02	208.0	72.77
	-9.8	-11	262.9	83.08	252.2	80.52	239.1	79.04	232.0	76.44	223.7	73.42	208.0	70.28
	-9.5	-10	264.8	82.65	253.7	80.09	239.1	78.61	232.0	76.02	223.7	73.04	208.0	69.90
	-8.5	-9.1	267.5	81.21	254.8	78.73	239.1	77.22	232.0	74.66	223.7	71.75	208.0	68.65
	-7.0	-7.6	270.2	79.08	254.8	76.67	239.1	75.13	232.0	72.60	223.7	69.78	208.0	66.76
	-5.0	-5.6	270.2	76.21	254.8	73.88	239.1	72.33	232.0	69.85	223.7	67.18	208.0	64.27
	-3.0	-3.7	270.2	73.34	254.8	71.13	239.1	69.57	232.0	67.09	223.7	64.58	208.0	61.75
	0.0	-0.7	270.2	69.07	254.8	67.01	239.1	65.39	232.0	62.95	223.7	60.70	208.0	58.02
	3.0	2.2	270.2	64.76	254.8	62.86	239.1	61.20	232.0	58.83	223.7	56.78	208.0	54.26
	5.0	4.1	270.2	61.92	254.8	60.10	239.1	58.44	232.0	56.08	223.7	54.18	208.0	51.75
	7.0	6.0	270.2	59.05	254.8	57.35	239.1	55.65	232.0	53.33	223.7	51.58	208.0	49.26
	9.0	7.9	270.2	55.45	254.8	53.83	239.1	52.24	232.0	50.08	223.7	48.45	208.0	46.24
	11.0	9.8	270.2	51.47	254.8	49.96	239.1	48.49	232.0	46.48	223.7	44.96	208.0	42.92
	13.0	11.8	270.2	48.03	254.8	46.63	239.1	45.27	232.0	43.38	223.7	41.95	208.0	40.05
15.0	13.7	270.2	45.23	254.8	43.92	239.1	42.61	232.0	40.83	223.7	39.51	208.0	37.73	

7. Capacity Tables

Heating Capacity (94HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70	-24.8	-25	175.3	87.96	175.3	88.43	174.1	89.38	174.1	90.76	174.1	86.50	170.9	82.50
	-21.8	-22	204.9	89.38	204.9	89.82	203.7	90.76	196.6	86.50	190.8	82.50	178.1	78.63
	-19.8	-20	224.6	90.29	216.3	90.76	203.7	87.78	196.6	83.66	190.8	79.83	178.1	76.07
	-18.8	-19	229.3	90.76	216.3	89.21	203.7	86.27	196.6	82.23	190.8	78.51	178.1	74.79
	-16.7	-17	229.3	87.58	216.3	85.99	203.7	83.13	196.6	79.25	190.8	75.72	178.1	72.07
	-13.7	-15	229.3	83.00	216.3	81.34	203.7	78.66	196.6	74.98	190.8	71.72	178.1	68.20
	-11.8	-13	229.3	80.10	216.3	78.39	203.7	75.83	196.6	72.27	190.8	69.20	178.1	65.75
	-9.8	-11	229.3	77.03	216.3	75.32	203.7	72.81	196.6	69.44	190.8	66.53	178.1	63.19
	-9.5	-10	229.3	76.57	216.3	74.86	203.7	72.38	196.6	69.01	190.8	66.14	178.1	62.80
	-8.5	-9.1	229.3	75.05	216.3	73.31	203.7	70.87	196.6	67.58	190.8	64.82	178.1	61.49
	-7.0	-7.6	229.3	72.77	216.3	70.98	203.7	68.62	196.6	65.44	190.8	62.81	178.1	59.56
	-5.0	-5.6	229.3	69.74	216.3	67.88	203.7	65.64	196.6	62.61	190.8	60.13	178.1	56.99
	-3.0	-3.7	229.3	66.67	216.3	64.81	203.7	62.65	196.6	59.78	190.8	57.49	178.1	54.43
	0.0	-0.7	229.3	62.10	216.3	60.16	203.7	58.18	196.6	55.51	190.8	53.50	178.1	50.55
	3.0	2.2	229.3	57.52	216.3	55.54	203.7	53.69	196.6	51.24	190.8	49.50	178.1	46.68
	5.0	4.1	229.3	54.46	216.3	52.44	203.7	50.70	196.6	48.38	190.8	46.83	178.1	44.12
	7.0	6.0	229.3	51.43	216.3	49.34	203.7	47.71	196.6	45.55	190.8	44.16	178.1	41.52
	9.0	7.9	229.3	46.44	216.3	44.58	203.7	43.07	196.6	41.13	190.8	39.90	178.1	37.50
	11.0	9.8	229.3	43.23	216.3	41.49	203.7	40.13	196.6	38.31	190.8	37.15	178.1	34.91
	13.0	11.8	229.3	40.44	216.3	38.82	203.7	37.53	196.6	35.83	190.8	34.75	178.1	32.66
15.0	13.7	229.3	38.15	216.3	36.61	203.7	35.37	196.6	33.78	190.8	32.77	178.1	30.80	
60	-24.8	-25	174.5	86.98	174.5	87.89	173.4	89.31	168.7	84.72	162.8	80.41	152.5	76.37
	-21.8	-22	187.7	88.37	186.0	89.31	174.6	84.72	168.7	80.41	162.8	76.37	152.5	72.48
	-19.8	-20	196.6	89.31	186.0	86.05	174.6	81.66	168.7	77.57	162.8	73.68	152.5	69.84
	-18.8	-19	196.6	87.68	186.0	84.45	174.6	80.14	168.7	76.13	162.8	72.33	152.5	68.56
	-16.7	-17	196.6	84.25	186.0	81.06	174.6	76.94	168.7	73.10	162.8	69.49	152.5	65.80
	-13.7	-15	196.6	79.35	186.0	76.21	174.6	72.36	168.7	68.82	162.8	65.45	152.5	61.91
	-11.8	-13	196.6	76.25	186.0	73.13	174.6	69.44	168.7	66.10	162.8	62.88	152.5	59.43
	-9.8	-11	196.6	73.01	186.0	69.90	174.6	66.41	168.7	63.23	162.8	60.20	152.5	56.82
	-9.5	-10	196.6	72.51	186.0	69.40	174.6	65.94	168.7	62.80	162.8	59.81	152.5	56.43
	-8.5	-9.1	196.6	70.87	186.0	67.80	174.6	64.39	168.7	61.36	162.8	58.45	152.5	55.12
	-7.0	-7.6	196.6	68.43	186.0	65.36	174.6	62.13	168.7	59.22	162.8	56.43	152.5	53.17
	-5.0	-5.6	196.6	65.19	186.0	62.13	174.6	59.06	168.7	56.35	162.8	53.74	152.5	50.57
	-3.0	-3.7	196.6	61.92	186.0	58.90	174.6	55.99	168.7	53.47	162.8	51.03	152.5	47.96
	0.0	-0.7	196.6	57.02	186.0	54.04	174.6	51.44	168.7	49.19	162.8	46.98	152.5	44.04
	3.0	2.2	196.6	52.12	186.0	49.18	174.6	46.85	168.7	44.88	162.8	42.94	152.5	40.15
	5.0	4.1	196.6	48.89	186.0	45.95	174.6	43.78	168.7	42.00	162.8	40.26	152.5	37.54
	7.0	6.0	196.6	45.62	186.0	42.72	174.6	40.75	168.7	39.16	162.8	37.57	152.5	34.91
	9.0	7.9	196.6	40.71	186.0	38.12	174.6	36.34	168.7	34.94	162.8	33.51	152.5	31.15
	11.0	9.8	196.6	38.00	186.0	35.60	174.6	33.94	168.7	32.62	162.8	31.30	152.5	29.10
	13.0	11.8	196.6	35.60	186.0	33.36	174.6	31.81	168.7	30.57	162.8	29.30	152.5	27.25
15.0	13.7	196.6	33.63	186.0	31.50	174.6	30.03	168.7	28.87	162.8	27.71	152.5	25.77	
50	-24.8	-25	164.0	75.75	154.6	77.16	145.5	73.13	140.8	69.37	136.1	65.80	126.7	62.47
	-21.8	-22	164.0	77.16	154.6	73.13	145.5	69.37	140.8	65.80	136.1	62.47	126.7	59.26
	-19.8	-20	164.0	74.34	154.6	70.46	145.5	66.85	140.8	63.41	136.1	60.26	126.7	57.12
	-18.8	-19	164.0	72.94	154.6	69.10	145.5	65.58	140.8	62.21	136.1	59.14	126.7	56.04
	-16.7	-17	164.0	70.00	154.6	66.27	145.5	62.94	140.8	59.72	136.1	56.81	126.7	53.83
	-13.7	-15	164.0	65.81	154.6	62.24	145.5	59.18	140.8	56.15	136.1	53.48	126.7	50.61
	-11.8	-13	164.0	63.13	154.6	59.68	145.5	56.81	140.8	53.90	136.1	51.39	126.7	48.59
	-9.8	-11	164.0	60.34	154.6	57.01	145.5	54.29	140.8	51.51	136.1	49.18	126.7	46.43
	-9.5	-10	164.0	59.91	154.6	56.62	145.5	53.91	140.8	51.15	136.1	48.83	126.7	46.12
	-8.5	-9.1	164.0	58.52	154.6	55.26	145.5	52.66	140.8	49.96	136.1	47.74	126.7	45.07
	-7.0	-7.6	164.0	56.42	154.6	53.25	145.5	50.77	140.8	48.17	136.1	46.07	126.7	43.45
	-5.0	-5.6	164.0	53.63	154.6	50.57	145.5	48.25	140.8	45.80	136.1	43.83	126.7	41.31
	-3.0	-3.7	164.0	50.80	154.6	47.89	145.5	45.76	140.8	43.44	136.1	41.62	126.7	39.18
	0.0	-0.7	164.0	46.61	154.6	43.86	145.5	41.97	140.8	39.84	136.1	38.32	126.7	35.97
	3.0	2.2	164.0	42.39	154.6	39.83	145.5	38.21	140.8	36.27	136.1	34.99	126.7	32.78
	5.0	4.1	164.0	39.59	154.6	37.15	145.5	35.69	140.8	33.90	136.1	32.78	126.7	30.65
	7.0	6.0	164.0	36.80	154.6	34.44	145.5	33.20	140.8	31.54	136.1	30.54	126.7	28.49
	9.0	7.9	164.0	33.24	154.6	31.11	145.5	29.96	140.8	28.48	136.1	27.59	126.7	25.73
	11.0	9.8	164.0	31.08	154.6	29.10	145.5	28.05	140.8	26.63	136.1	25.81	126.7	24.07
	13.0	11.8	164.0	29.18	154.6	27.32	145.5	26.32	140.8	25.00	136.1	24.23	126.7	22.60
15.0	13.7	164.0	27.63	154.6	25.85	145.5	24.92	140.8	23.68	136.1	22.94	126.7	21.40	

Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

7. Capacity Tables

◆ ARUM960BTE5

Heating Capacity (96HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	-24.8	-25	181.6	102.1	181.6	102.9	180.4	103.6	180.4	104.8	180.4	105.8	177.2	107.4
	-21.8	-22	224.0	103.8	224.0	104.6	222.4	105.3	222.4	106.4	222.4	107.4	218.0	109.1
	-19.8	-20	237.6	104.9	237.6	105.7	236.0	106.4	236.0	107.5	236.0	108.6	231.6	110.2
	-18.8	-19	243.2	105.4	243.2	106.2	241.6	107.0	241.6	108.1	241.6	109.1	236.8	110.8
	-16.7	-17	254.4	106.6	254.4	107.4	252.8	108.1	252.8	109.2	252.8	110.3	248.0	111.9
	-13.7	-15	270.4	108.2	270.4	109.0	268.8	109.8	268.8	110.9	268.8	111.9	263.6	107.9
	-11.8	-13	279.2	109.3	279.2	110.1	277.6	110.8	277.6	111.9	277.6	109.2	273.6	105.3
	-9.8	-11	288.4	110.4	288.4	111.2	286.8	111.9	286.8	109.0	286.8	106.4	284.0	102.6
	-9.5	-10	290.0	110.6	290.0	111.4	288.4	111.5	288.4	108.6	288.0	105.9	285.6	102.2
	-8.5	-9.1	295.6	111.1	295.6	111.9	294.0	110.0	294.0	107.2	292.8	104.5	290.8	100.8
	-7.0	-7.6	304.0	111.9	304.0	109.8	302.0	107.8	302.0	105.0	302.0	102.3	298.4	98.76
	-5.0	-5.6	315.2	109.2	315.2	107.0	313.2	104.9	313.2	102.1	313.2	99.48	308.8	96.08
	-3.0	-3.7	326.4	106.5	326.4	104.1	324.4	102.0	324.4	99.24	324.4	96.60	319.2	93.36
	0.0	-0.7	343.2	102.4	343.2	99.88	340.8	97.56	340.8	94.88	340.8	92.28	335.2	89.28
	3.0	2.2	360.0	98.36	360.0	95.60	357.6	93.20	357.6	90.56	357.6	88.00	335.6	85.24
	5.0	4.1	370.8	95.64	370.8	92.76	368.8	90.24	368.8	87.68	368.8	85.12	335.6	82.52
	7.0	6.0	382.0	92.92	382.0	89.96	379.6	87.32	373.6	84.80	360.4	82.28	335.6	79.80
	9.0	7.9	384.0	90.72	384.0	87.80	382.8	85.24	373.6	82.76	360.4	80.32	335.6	77.88
	11.0	9.8	384.0	89.32	384.0	86.44	382.8	83.92	373.6	81.48	360.4	79.04	335.6	76.68
	13.0	11.8	384.0	87.76	384.0	84.92	382.8	82.48	373.6	80.08	360.4	77.68	335.6	75.36
15.0	13.7	384.0	86.12	384.0	83.32	382.8	80.92	373.6	78.56	360.4	76.20	335.6	73.92	
120	-24.8	-25	180.4	102.9	180.4	103.6	179.2	104.8	179.2	105.8	179.2	107.4	176.0	108.6
	-21.8	-22	222.4	104.6	222.4	105.3	220.8	106.4	220.8	107.4	220.8	109.1	216.8	110.3
	-19.8	-20	236.0	105.7	236.0	106.4	234.4	107.5	234.4	108.6	234.4	110.2	230.0	111.4
	-18.8	-19	241.2	106.2	241.2	107.0	239.6	108.1	239.6	109.1	239.6	110.8	235.2	111.9
	-16.7	-17	252.4	107.4	252.4	108.1	250.8	109.2	250.8	110.3	250.8	111.9	246.0	109.3
	-13.7	-15	268.4	109.0	268.4	109.8	266.8	110.9	266.8	111.9	266.8	108.0	261.6	105.6
	-11.8	-13	277.2	110.1	277.2	110.8	275.6	111.9	275.6	109.2	275.6	105.6	271.6	103.2
	-9.8	-11	286.4	111.2	286.4	111.9	284.8	108.9	284.8	106.3	284.8	103.0	282.0	100.7
	-9.5	-10	288.0	111.4	288.0	111.4	286.4	108.5	286.4	105.8	286.4	102.6	283.6	100.3
	-8.5	-9.1	293.6	111.9	293.6	109.9	291.6	107.0	291.6	104.4	291.6	101.3	288.4	99.08
	-7.0	-7.6	302.0	109.6	302.0	107.5	300.0	104.7	300.0	102.2	300.0	99.36	296.4	97.24
	-5.0	-5.6	313.2	106.4	313.2	104.3	311.2	101.7	311.2	99.36	311.2	96.76	306.8	94.72
	-3.0	-3.7	324.0	103.3	324.0	101.2	322.0	98.68	322.0	96.44	322.0	94.20	315.2	92.24
	0.0	-0.7	340.8	98.60	340.8	96.40	338.4	94.16	338.4	92.12	338.4	90.28	315.2	88.48
	3.0	2.2	357.2	93.92	357.2	91.64	355.2	89.64	350.0	87.80	339.2	86.40	315.2	84.76
	5.0	4.1	368.4	90.80	368.4	88.44	362.0	86.60	350.0	84.88	339.2	83.80	315.2	82.28
	7.0	6.0	379.6	87.64	377.2	85.28	362.0	83.60	350.0	82.00	339.2	81.24	315.2	79.76
	9.0	7.9	381.2	85.32	377.2	83.04	362.0	81.40	350.0	79.84	339.2	79.08	315.2	77.68
	11.0	9.8	381.2	83.76	377.2	81.52	362.0	79.88	350.0	78.36	339.2	77.64	315.2	76.24
	13.0	11.8	381.2	82.08	377.2	79.84	362.0	78.28	350.0	76.80	339.2	76.04	315.2	74.72
15.0	13.7	381.2	80.24	377.2	78.08	362.0	76.56	350.0	75.08	339.2	74.36	315.2	73.04	
110	-24.8	-25	179.6	103.6	179.6	104.8	178.4	105.8	178.4	107.4	178.4	108.6	174.8	109.2
	-21.8	-22	221.2	105.3	221.2	106.4	219.6	107.4	219.6	109.1	219.6	110.3	215.6	110.8
	-19.8	-20	234.8	106.4	234.8	107.5	233.2	108.6	233.2	110.2	233.2	111.4	228.8	111.9
	-18.8	-19	240.0	107.0	240.0	108.1	238.4	109.1	238.4	110.8	238.4	111.9	234.0	110.5
	-16.7	-17	251.2	108.1	251.2	109.2	249.6	110.3	249.6	111.9	249.6	109.1	244.8	107.6
	-13.7	-15	266.8	109.8	266.8	110.9	265.2	111.9	265.2	107.6	265.2	105.0	265.2	103.4
	-11.8	-13	275.6	110.8	275.6	111.9	274.0	108.9	274.0	104.9	274.0	102.4	274.0	100.8
	-9.8	-11	284.8	111.9	284.8	108.5	283.2	105.7	283.2	102.0	283.2	99.72	282.0	98.00
	-9.5	-10	286.4	111.4	286.4	108.0	284.8	105.2	284.8	101.6	284.8	99.32	283.6	97.56
	-8.5	-9.1	292.0	109.5	292.0	106.3	290.4	103.6	290.4	100.2	290.4	97.96	283.6	96.16
	-7.0	-7.6	300.4	106.8	300.4	103.7	298.4	101.2	298.4	98.00	298.4	95.92	283.6	94.08
	-5.0	-5.6	311.2	103.1	311.2	100.3	309.2	98.04	309.2	95.16	303.6	93.20	283.6	91.28
	-3.0	-3.7	322.4	99.4	322.4	96.88	320.4	94.84	314.4	92.28	303.6	90.52	283.6	88.52
	0.0	-0.7	338.8	93.88	338.8	91.76	324.8	90.08	314.4	87.96	303.6	86.44	283.6	84.32
	3.0	2.2	355.2	88.36	346.4	86.64	324.8	85.28	314.4	83.68	303.6	82.36	283.6	80.12
	5.0	4.1	366.4	84.68	346.4	83.20	324.8	82.08	314.4	80.80	303.6	79.64	283.6	77.36
	7.0	6.0	366.4	81.00	346.4	79.80	324.8	78.88	314.4	77.92	303.6	76.92	283.6	74.56
	9.0	7.9	366.4	78.52	346.4	77.32	324.8	76.44	314.4	75.52	303.6	74.56	283.6	72.24
	11.0	9.8	366.4	76.68	346.4	75.52	324.8	74.68	314.4	73.76	303.6	72.84	283.6	70.60
	13.0	11.8	366.4	74.72	346.4	73.60	324.8	72.80	314.4	71.88	303.6	70.96	283.6	68.80
15.0	13.7	366.4	72.64	346.4	71.56	324.8	70.76	314.4	69.88	303.6	69.00	283.6	66.88	

7. Capacity Tables

Heating Capacity (96HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB											
			16		18		20		21		22		24	
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
100	-24.8	-25	178.8	115.1	178.8	114.6	177.6	107.0	177.6	113.6	177.6	113.2	174.0	113.0
	-21.8	-22	220.0	114.4	220.0	114.0	218.8	110.3	218.8	113.0	218.8	114.2	214.4	112.4
	-19.8	-20	233.6	114.0	233.6	113.6	232.4	112.4	232.4	112.6	232.4	112.7	228.0	111.9
	-18.8	-19	238.8	113.8	237.6	113.4	237.6	113.0	237.6	112.4	237.6	111.9	232.8	110.2
	-16.7	-17	248.4	113.4	248.4	113.0	248.4	114.2	247.2	111.9	247.2	108.4	242.4	106.6
	-13.7	-15	265.6	112.8	265.6	112.3	264.0	111.9	264.0	106.8	264.0	103.3	259.2	101.4
	-11.8	-13	274.4	112.4	272.8	111.9	272.8	108.5	272.8	103.6	272.8	100.1	259.2	98.12
	-9.8	-11	283.2	111.9	283.2	108.1	282.0	104.9	282.0	100.1	278.0	96.72	259.2	94.68
	-9.5	-10	284.8	111.3	284.8	107.5	283.6	104.4	283.6	99.64	278.0	96.20	259.2	94.16
	-8.5	-9.1	290.4	109.3	290.4	105.6	289.2	102.6	287.6	97.92	278.0	94.52	259.2	92.44
	-7.0	-7.6	303.6	106.4	302.4	102.8	297.2	99.88	287.6	95.36	278.0	92.00	259.2	89.84
	-5.0	-5.6	316.8	102.4	313.6	98.92	297.2	96.24	287.6	91.92	278.0	88.60	259.2	86.40
	-3.0	-3.7	326.0	98.36	316.4	95.08	297.2	92.64	287.6	88.52	278.0	85.24	259.2	82.96
	0.0	-0.7	335.2	92.40	316.4	89.36	297.2	87.24	287.6	83.36	278.0	80.16	259.2	77.80
	3.0	2.2	335.2	86.40	316.4	83.60	297.2	81.84	287.6	78.24	278.0	75.08	259.2	72.60
	5.0	4.1	335.2	82.40	316.4	79.80	297.2	78.24	287.6	74.84	278.0	71.72	259.2	69.16
	7.0	6.0	335.2	78.44	316.4	75.96	297.2	74.64	287.6	71.40	278.0	68.32	259.2	65.72
	9.0	7.9	335.2	75.68	316.4	73.28	297.2	72.04	287.6	68.92	278.0	65.92	259.2	63.40
11.0	9.8	335.2	73.56	316.4	71.28	297.2	70.04	287.6	67.00	278.0	64.08	259.2	61.64	
13.0	11.8	335.2	71.32	316.4	69.08	297.2	67.88	287.6	64.96	278.0	62.16	259.2	59.76	
15.0	13.7	335.2	68.96	316.4	66.80	297.2	65.64	287.6	62.76	278.0	60.08	259.2	57.76	
90	-24.8	-25	178.0	102.1	178.0	103.8	176.8	104.9	176.8	105.5	176.8	106.6	173.6	108.2
	-21.8	-22	219.2	103.8	219.2	105.4	218.0	106.6	218.0	107.1	218.0	108.2	213.6	103.6
	-19.8	-20	232.8	104.8	232.8	106.5	231.2	107.7	231.2	108.2	231.2	105.1	226.8	100.6
	-18.8	-19	238.8	105.4	237.6	107.1	236.4	108.2	236.4	106.6	236.4	103.6	232.0	99.08
	-16.7	-17	248.4	106.6	248.4	108.2	247.6	104.9	247.6	103.3	247.6	100.3	236.8	95.88
	-13.7	-15	265.6	108.2	265.6	103.3	263.2	100.2	263.2	98.44	255.2	95.60	236.8	91.32
	-11.8	-13	274.4	104.9	272.8	100.2	271.6	97.20	263.6	95.40	255.2	92.64	236.8	88.40
	-9.8	-11	283.2	101.3	283.2	96.96	272.0	94.04	263.6	92.20	255.2	89.52	236.8	85.36
	-9.5	-10	284.8	100.8	284.8	96.44	272.0	93.60	263.6	91.72	255.2	89.08	236.8	84.88
	-8.5	-9.1	290.4	99.04	288.4	94.80	272.0	92.00	263.6	90.12	255.2	87.52	236.8	83.36
	-7.0	-7.6	303.6	96.40	288.8	92.36	272.0	89.64	263.6	87.72	255.2	85.16	236.8	81.08
	-5.0	-5.6	306.8	92.88	288.8	89.08	272.0	86.48	263.6	84.52	255.2	82.04	236.8	78.04
	-3.0	-3.7	306.8	89.32	288.8	85.80	272.0	83.36	263.6	81.32	255.2	78.92	236.8	75.00
	0.0	-0.7	306.8	84.04	288.8	80.92	272.0	78.64	263.6	76.52	255.2	74.24	236.8	70.40
	3.0	2.2	306.8	78.72	288.8	76.00	272.0	73.88	263.6	71.68	255.2	69.60	236.8	65.84
	5.0	4.1	306.8	75.20	288.8	72.72	272.0	70.76	263.6	68.48	255.2	66.48	236.8	62.80
	7.0	6.0	306.8	71.68	288.8	69.48	272.0	67.60	263.6	65.28	255.2	63.36	236.8	59.72
	9.0	7.9	306.8	68.32	288.8	66.24	272.0	64.44	263.6	62.24	255.2	60.40	236.8	56.96
11.0	9.8	306.8	65.00	288.8	63.00	272.0	61.28	263.6	59.20	255.2	57.44	236.8	54.16	
13.0	11.8	306.8	61.64	288.8	59.76	272.0	58.16	263.6	56.16	255.2	54.48	236.8	51.40	
15.0	13.7	306.8	58.32	288.8	56.52	272.0	55.00	263.6	53.12	255.2	51.56	236.8	48.60	
80	-24.8	-25	177.2	89.84	177.2	91.48	176.0	92.64	176.0	93.20	176.0	95.96	172.8	91.96
	-21.8	-22	216.8	91.48	216.8	93.16	216.8	94.32	216.8	95.96	216.8	91.96	211.6	88.08
	-19.8	-20	230.4	92.60	230.4	94.24	230.4	95.96	230.4	93.12	227.6	89.28	211.6	85.48
	-18.8	-19	235.6	93.16	235.6	95.96	235.6	94.52	235.6	91.72	227.6	87.92	211.6	84.20
	-16.7	-17	243.2	95.96	243.2	93.00	243.2	91.52	236.0	88.72	227.6	85.12	211.6	81.48
	-13.7	-15	254.4	91.56	249.2	88.72	243.2	87.20	236.0	84.48	227.6	81.08	211.6	77.60
	-11.8	-13	260.4	88.76	252.8	86.00	243.2	84.48	236.0	81.80	227.6	78.52	211.6	75.16
	-9.8	-11	267.2	85.80	256.4	83.16	243.2	81.64	236.0	78.96	227.6	75.84	211.6	72.60
	-9.5	-10	269.2	85.36	258.0	82.72	243.2	81.20	236.0	78.52	227.6	75.44	211.6	72.20
	-8.5	-9.1	272.0	83.88	259.2	81.32	243.2	79.76	236.0	77.12	227.6	74.12	211.6	70.92
	-7.0	-7.6	274.8	81.68	259.2	79.20	243.2	77.60	236.0	75.00	227.6	72.08	211.6	68.96
	-5.0	-5.6	274.8	78.72	259.2	76.32	243.2	74.72	236.0	72.16	227.6	69.40	211.6	66.40
	-3.0	-3.7	274.8	75.76	259.2	73.48	243.2	71.88	236.0	69.32	227.6	66.72	211.6	63.80
	0.0	-0.7	274.8	71.36	259.2	69.24	243.2	67.56	236.0	65.04	227.6	62.72	211.6	59.96
	3.0	2.2	274.8	66.92	259.2	64.96	243.2	63.24	236.0	60.80	227.6	58.68	211.6	56.08
	5.0	4.1	274.8	64.00	259.2	62.12	243.2	60.40	236.0	57.96	227.6	56.00	211.6	53.48
	7.0	6.0	274.8	61.04	259.2	59.28	243.2	57.52	236.0	55.12	227.6	53.32	211.6	50.92
	9.0	7.9	274.8	57.32	259.2	55.64	243.2	54.00	236.0	51.76	227.6	50.08	211.6	47.80
11.0	9.8	274.8	53.20	259.2	51.64	243.2	50.12	236.0	48.04	227.6	46.48	211.6	44.36	
13.0	11.8	274.8	49.64	259.2	48.20	243.2	46.80	236.0	44.84	227.6	43.36	211.6	41.40	
15.0	13.7	274.8	46.76	259.2	45.40	243.2	44.04	236.0	42.20	227.6	40.84	211.6	39.00	

7. Capacity Tables

Heating Capacity (96HP)

Combination (%)	Outdoor air temp.		Indoor air temp. °C DB													
			16		18		20		21		22		24			
	°C DB	°C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
70	-24.8	-25	177.2	90.40	177.2	90.96	176.0	92.08	176.0	93.72	176.0	89.32	176.0	89.32	172.8	85.20
	-21.8	-22	208.4	92.08	208.4	92.60	207.2	93.72	200.0	89.32	194.0	85.20	181.2	81.20		
	-19.8	-20	229.2	93.16	220.0	93.72	207.2	90.64	200.0	86.40	194.0	82.44	181.2	78.56		
	-18.8	-19	233.2	93.72	220.0	92.12	207.2	89.08	200.0	84.92	194.0	81.08	181.2	77.24		
	-16.7	-17	233.2	90.44	220.0	88.80	207.2	85.84	200.0	81.84	194.0	78.20	181.2	74.44		
	-13.7	-15	233.2	85.72	220.0	84.00	207.2	81.24	200.0	77.44	194.0	74.08	181.2	70.44		
	-11.8	-13	233.2	82.72	220.0	80.96	207.2	78.32	200.0	74.64	194.0	71.48	181.2	67.92		
	-9.8	-11	233.2	79.56	220.0	77.80	207.2	75.20	200.0	71.72	194.0	68.72	181.2	65.28		
	-9.5	-10	233.2	79.08	220.0	77.32	207.2	74.76	200.0	71.28	194.0	68.32	181.2	64.88		
	-8.5	-9.1	233.2	77.52	220.0	75.72	207.2	73.20	200.0	69.80	194.0	66.96	181.2	63.52		
	-7.0	-7.6	233.2	75.16	220.0	73.32	207.2	70.88	200.0	67.60	194.0	64.88	181.2	61.52		
	-5.0	-5.6	233.2	72.04	220.0	70.12	207.2	67.80	200.0	64.68	194.0	62.12	181.2	58.88		
	-3.0	-3.7	233.2	68.88	220.0	66.96	207.2	64.72	200.0	61.76	194.0	59.40	181.2	56.24		
	0.0	-0.7	233.2	64.16	220.0	62.16	207.2	60.12	200.0	57.36	194.0	55.28	181.2	52.24		
	3.0	2.2	233.2	59.44	220.0	57.40	207.2	55.48	200.0	52.96	194.0	51.16	181.2	48.24		
	5.0	4.1	233.2	56.28	220.0	54.20	207.2	52.40	200.0	50.00	194.0	48.40	181.2	45.60		
	7.0	6.0	233.2	53.16	220.0	51.00	207.2	49.32	200.0	47.08	194.0	45.64	181.2	42.92		
	9.0	7.9	233.2	48.00	220.0	46.08	207.2	44.52	200.0	42.52	194.0	41.24	181.2	38.76		
	11.0	9.8	233.2	44.68	220.0	42.88	207.2	41.48	200.0	39.60	194.0	38.40	181.2	36.08		
	13.0	11.8	233.2	41.80	220.0	40.12	207.2	38.80	200.0	37.04	194.0	35.92	181.2	33.76		
15.0	13.7	233.2	39.44	220.0	37.84	207.2	36.56	200.0	34.92	194.0	33.88	181.2	31.84			
60	-24.8	-25	177.2	89.32	177.2	90.40	176.0	92.08	171.6	87.36	165.6	82.92	155.2	78.76		
	-21.8	-22	190.8	90.96	189.2	92.08	177.6	87.36	171.6	82.92	165.6	78.76	155.2	74.76		
	-19.8	-20	200.0	92.08	189.2	88.72	177.6	84.20	171.6	80.00	165.6	76.00	155.2	72.04		
	-18.8	-19	200.0	90.40	189.2	87.08	177.6	82.64	171.6	78.52	165.6	74.60	155.2	70.72		
	-16.7	-17	200.0	86.88	189.2	83.60	177.6	79.36	171.6	75.40	165.6	71.68	155.2	67.88		
	-13.7	-15	200.0	81.84	189.2	78.60	177.6	74.64	171.6	71.00	165.6	67.52	155.2	63.88		
	-11.8	-13	200.0	78.64	189.2	75.44	177.6	71.64	171.6	68.20	165.6	64.88	155.2	61.32		
	-9.8	-11	200.0	75.32	189.2	72.12	177.6	68.52	171.6	65.24	165.6	62.12	155.2	58.64		
	-9.5	-10	200.0	74.80	189.2	71.60	177.6	68.04	171.6	64.80	165.6	61.72	155.2	58.24		
	-8.5	-9.1	200.0	73.12	189.2	69.96	177.6	66.44	171.6	63.32	165.6	60.32	155.2	56.88		
	-7.0	-7.6	200.0	70.60	189.2	67.44	177.6	64.12	171.6	61.12	165.6	58.24	155.2	54.88		
	-5.0	-5.6	200.0	67.28	189.2	64.12	177.6	60.96	171.6	58.16	165.6	55.48	155.2	52.20		
	-3.0	-3.7	200.0	63.92	189.2	60.80	177.6	57.80	171.6	55.20	165.6	52.68	155.2	49.52		
	0.0	-0.7	200.0	58.88	189.2	55.80	177.6	53.12	171.6	50.80	165.6	48.52	155.2	45.48		
	3.0	2.2	200.0	53.84	189.2	50.80	177.6	48.40	171.6	46.36	165.6	44.36	155.2	41.48		
	5.0	4.1	200.0	50.52	189.2	47.48	177.6	45.24	171.6	43.40	165.6	41.60	155.2	38.80		
	7.0	6.0	200.0	47.16	189.2	44.16	177.6	42.12	171.6	40.48	165.6	38.84	155.2	36.08		
	9.0	7.9	200.0	42.08	189.2	39.40	177.6	37.56	171.6	36.12	165.6	34.64	155.2	32.20		
	11.0	9.8	200.0	39.28	189.2	36.80	177.6	35.08	171.6	33.72	165.6	32.36	155.2	30.08		
	13.0	11.8	200.0	36.80	189.2	34.48	177.6	32.88	171.6	31.60	165.6	30.28	155.2	28.16		
15.0	13.7	200.0	34.76	189.2	32.56	177.6	31.04	171.6	29.84	165.6	28.64	155.2	26.64			
50	-24.8	-25	166.8	78.00	157.2	79.68	148.0	75.52	143.2	71.64	138.4	67.96	128.8	64.52		
	-21.8	-22	166.8	79.68	157.2	75.52	148.0	71.64	143.2	67.96	138.4	64.52	128.8	61.20		
	-19.8	-20	166.8	76.76	157.2	72.76	148.0	69.04	143.2	65.48	138.4	62.24	128.8	59.00		
	-18.8	-19	166.8	75.32	157.2	71.36	148.0	67.72	143.2	64.24	138.4	61.08	128.8	57.88		
	-16.7	-17	166.8	72.28	157.2	68.44	148.0	65.00	143.2	61.68	138.4	58.68	128.8	55.60		
	-13.7	-15	166.8	67.96	157.2	64.28	148.0	61.12	143.2	58.00	138.4	55.24	128.8	52.28		
	-11.8	-13	166.8	65.20	157.2	61.64	148.0	58.68	143.2	55.68	138.4	53.08	128.8	50.20		
	-9.8	-11	166.8	62.32	157.2	58.88	148.0	56.08	143.2	53.20	138.4	50.80	128.8	47.96		
	-9.5	-10	166.8	61.88	157.2	58.48	148.0	55.68	143.2	52.84	138.4	50.44	128.8	47.64		
	-8.5	-9.1	166.8	60.44	157.2	57.08	148.0	54.40	143.2	51.60	138.4	49.32	128.8	46.56		
	-7.0	-7.6	166.8	58.28	157.2	55.00	148.0	52.44	143.2	49.76	138.4	47.60	128.8	44.88		
	-5.0	-5.6	166.8	55.40	157.2	52.24	148.0	49.84	143.2	47.32	138.4	45.28	128.8	42.68		
	-3.0	-3.7	166.8	52.48	157.2	49.48	148.0	47.28	143.2	44.88	138.4	43.00	128.8	40.48		
	0.0	-0.7	166.8	48.16	157.2	45.32	148.0	43.36	143.2	41.16	138.4	39.60	128.8	37.16		
	3.0	2.2	166.8	43.80	157.2	41.16	148.0	39.48	143.2	37.48	138.4	36.16	128.8	33.88		
	5.0	4.1	166.8	40.92	157.2	38.40	148.0	36.88	143.2	35.04	138.4	33.88	128.8	31.68		
	7.0	6.0	166.8	38.04	157.2	35.60	148.0	34.32	143.2	32.60	138.4	31.56	128.8	29.44		
	9.0	7.9	166.8	34.36	157.2	32.16	148.0	30.96	143.2	29.44	138.4	28.52	128.8	26.60		
	11.0	9.8	166.8	32.12	157.2	30.08	148.0	29.00	143.2	27.52	138.4	26.68	128.8	24.88		
	13.0	11.8	166.8	30.16	157.2	28.24	148.0	27.20	143.2	25.84	138.4	25.04	128.8	23.36		
15.0	13.7	166.8	28.56	157.2	26.72	148.0	25.76	143.2	24.48	138.4	23.72	128.8	22.12			

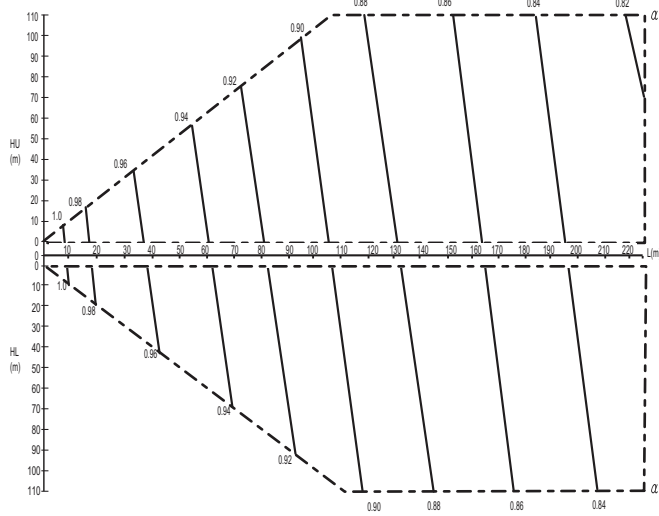
Note

1. TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
2. Capacity tables show the average value of conditions which may occur.
3. The heating capacity table is based on the values expressed as Max. in the specification of the outdoor unit. (When measuring the Max. heating capacity, the setting status of the indoor unit is the same as that for measuring the heating capacity of the indoor unit.)

8. Capacity Correction Factor

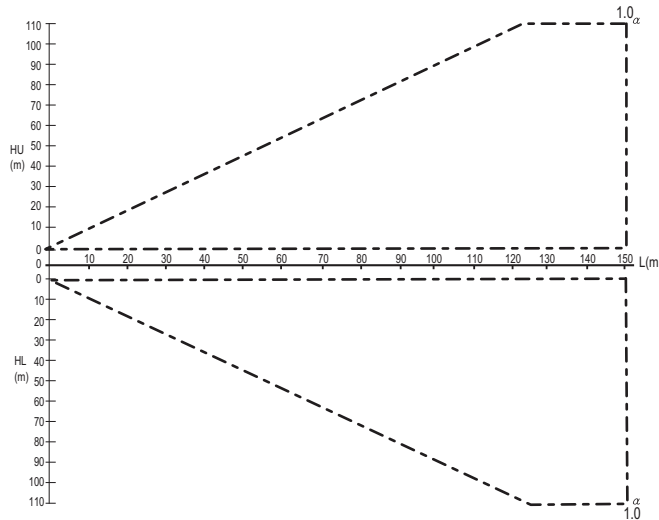
8.1 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34HP

◆ Rate of change in Cooling capacity



α	0.82	0.84	0.86	0.88	0.90	0.92	0.94	0.96	0.98	0.99	1.0
HL (m) \ HU (m)	110	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-
0	-	-	-	-	-	-	-	-	-	-	-
7.5	-	-	-	-	-	-	-	-	-	-	-
0	110	100	90	80	70	60	50	40	30	20	10
0	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
7.5	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
0	110	100	90	80	70	60	50	40	30	20	10
0	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
7.5	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
0	110	100	90	80	70	60	50	40	30	20	10
0	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
7.5	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
0	110	100	90	80	70	60	50	40	30	20	10
0	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
7.5	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
0	110	100	90	80	70	60	50	40	30	20	10
0	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
7.5	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
0	110	100	90	80	70	60	50	40	30	20	10
0	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
7.5	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
0	110	100	90	80	70	60	50	40	30	20	10
0	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
7.5	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
0	110	100	90	80	70	60	50	40	30	20	10
0	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
7.5	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
0	110	100	90	80	70	60	50	40	30	20	10
0	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
7.5	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
0	110	100	90	80	70	60	50	40	30	20	10
0	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
7.5	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
0	110	100	90	80	70	60	50	40	30	20	10
0	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
7.5	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
0	110	100	90	80	70	60	50	40	30	20	10
0	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
7.5	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
0	110	100	90	80	70	60	50	40	30	20	10
0	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90
7.5	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90

◆ Rate of change in Heating capacity



α	0.8	0.85	0.9	0.95	1.0
HL (m) \ HU (m)	110	-	-	-	-
100	-	-	-	-	-
90	-	-	-	-	-
80	-	-	-	-	-
70	-	-	-	-	-
60	-	-	-	-	-
50	-	-	-	-	-
40	-	-	-	-	-
30	-	-	-	-	-
20	-	-	-	-	-
10	-	-	-	-	-
0	-	-	-	-	-
7.5	-	-	-	-	-
0	110	100	90	80	70
0	1.0	1.0	1.0	1.0	1.0
7.5	1.0	1.0	1.0	1.0	1.0
0	110	100	90	80	70
0	1.0	1.0	1.0	1.0	1.0
7.5	1.0	1.0	1.0	1.0	1.0
0	110	100	90	80	70
0	1.0	1.0	1.0	1.0	1.0
7.5	1.0	1.0	1.0	1.0	1.0
0	110	100	90	80	70
0	1.0	1.0	1.0	1.0	1.0
7.5	1.0	1.0	1.0	1.0	1.0
0	110	100	90	80	70
0	1.0	1.0	1.0	1.0	1.0
7.5	1.0	1.0	1.0	1.0	1.0
0	110	100	90	80	70
0	1.0	1.0	1.0	1.0	1.0
7.5	1.0	1.0	1.0	1.0	1.0
0	110	100	90	80	70
0	1.0	1.0	1.0	1.0	1.0
7.5	1.0	1.0	1.0	1.0	1.0
0	110	100	90	80	70
0	1.0	1.0	1.0	1.0	1.0
7.5	1.0	1.0	1.0	1.0	1.0

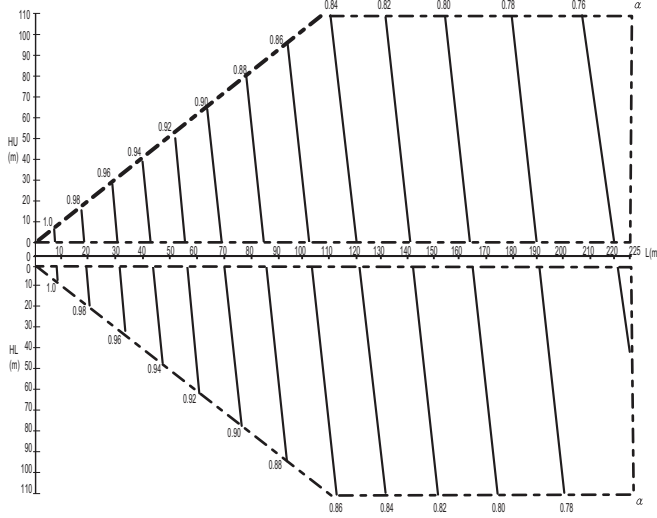
Symbols

- HU : Level difference between indoor and outdoor units where outdoor unit in upper position (m)
- HL : Level difference between indoor and outdoor units where outdoor unit in lower position (m)
- L : Equivalent pipe length (m)
- α : Capacity correction factor

8. Capacity Correction Factor

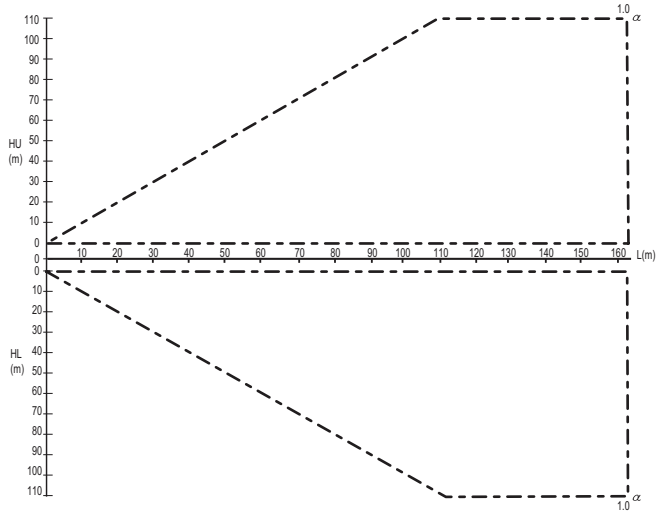
8.2 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60HP

◆ Rate of change in Cooling capacity



α	0	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	225	
110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	1.0	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.80	0.79	0.78	0.77	0.76	0.75
0	1.0	0.98	0.97	0.96	0.94	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.80	0.79	0.78	0.77	0.76	0.75
7.5	1.0	0.98	0.97	0.96	0.94	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.80	0.79	0.78	0.77	0.76	0.75
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

◆ Rate of change in Heating capacity



α	0	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180				
110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
7.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
7.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

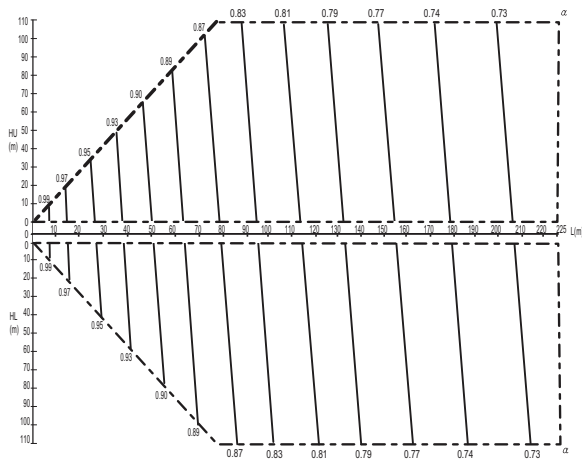
Symbols

- HU : Level difference between indoor and outdoor units where outdoor unit in upper position (m)
- HL : Level difference between indoor and outdoor units where outdoor unit in lower position (m)
- L : Equivalent pipe length (m)
- α : Capacity correction factor

8. Capacity Correction Factor

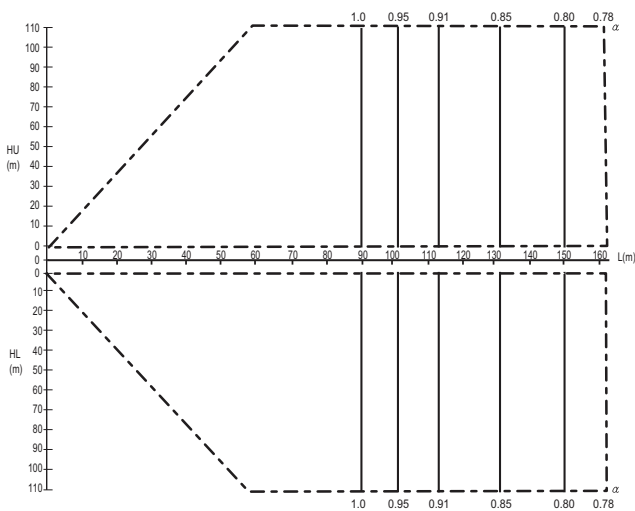
8.4 82, 84, 86, 88, 90, 92, 94, 96HP

◆ Rate of change in Cooling capacity



110	-	-	-	-	-	-	-	-	-	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72	0.71		
100	-	-	-	-	-	-	-	-	-	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72	0.71	
90	-	-	-	-	-	-	-	-	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72	0.71	
80	-	-	-	-	-	-	-	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72	0.71	
70	-	-	-	-	-	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.73	0.72	0.71	
60	-	-	-	-	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.73	0.72	0.71	
50	-	-	-	0.90	0.89	0.87	0.86	0.85	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.73	0.72	
40	-	-	0.93	0.90	0.89	0.87	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.73	0.72	
30	-	0.95	0.93	0.91	0.89	0.88	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.73	0.72	
20	0.97	0.95	0.93	0.91	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72	0.71	
10	0.99	0.97	0.95	0.93	0.91	0.89	0.88	0.86	0.85	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72	
0	0.99	0.97	0.95	0.94	0.91	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.72	
0	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	225
0	0.99	0.97	0.95	0.94	0.91	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72
7.5	0.99	0.97	0.95	0.94	0.91	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72
10	0.97	0.95	0.94	0.91	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72	0.71
20	0.96	0.94	0.91	0.90	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.73	0.72	0.71
30	0.94	0.91	0.90	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.73	0.72	0.71	
40	0.91	0.90	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.73	0.72	0.71	0.71	
50	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.73	0.72	0.71	0.71	
60	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.73	0.72	0.71	0.71	0.70	
70	0.87	0.86	0.85	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73	0.73	0.72	0.71	0.71	0.70	0.70	0.69	0.68	
80	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73	0.72	0.72	0.71	0.70	0.70	0.69	0.68	0.68	0.67	
90	0.85	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73	0.72	0.71	0.71	0.70	0.69	0.68	0.68	0.67	0.67	0.66	
100	0.84	0.83	0.82	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73	0.72	0.71	0.70	0.70	0.69	0.68	0.68	0.67	0.66	0.66	0.65	
110	0.83	0.82	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73	0.72	0.71	0.70	0.70	0.69	0.68	0.68	0.67	0.66	0.66	0.65	0.64	

◆ Rate of change in Heating capacity



110	-	-	-	-	-	-	-	-	-	-	-	-	-	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.76
100	-	-	-	-	-	-	-	-	-	-	-	-	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77
90	-	-	-	-	-	-	-	-	-	-	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
80	-	-	-	-	-	-	-	-	-	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
70	-	-	-	-	-	-	-	-	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
60	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
50	-	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
40	-	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
30	-	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
20	-	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
10	-	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
0	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
0	7.5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
7.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
30	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
40	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
50	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
60	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
70	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
80	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
90	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76
110	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.95	0.91	0.87	0.85	0.82	0.80	0.78	0.78	0.77	0.77	0.76

Symbols

HU : Level difference between indoor and outdoor units where outdoor unit in upper position (m)

HL : Level difference between indoor and outdoor units where outdoor unit in lower position (m)

L : Equivalent pipe length (m)

α : Capacity correction factor

8. Capacity Correction Factor

Note

- These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)
- With this outdoor unit, constant evaporating pressure control during cooling, and constant condensing pressure control during heating is carried out.
- If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.
- Method of calculating cooling / heating capacity : maximum cooling / heating capacity of outside units = cooling / heating capacity of outdoor units obtained from capacity table X capacity correction factor due to piping length to the farthest indoor unit
- Equivalent piping length for Y Branch and other pipes can be calculated with following table.

mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)	Ø31.8 (1-1/4)	Ø34.9 (1-3/8)	Ø38.1 (1-1/2)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø53.98 (2-1/8)
Elbow (m)	0.16	0.18	0.2	0.25	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75	0.85
Y Branch (m)	0.5													
Header (m)	1													
HR unit (m)	2.5													

- When the any one (or both) of below conditions are satisfied, the diameter of main pipe must be increased.
 - The equivalent length between outdoor unit and the farthest indoor unit is 90m or more (Liquid and Gas pipes are increased)
 - The level difference (Outdoor unit ↔ Indoor unit) is 50m or more (Only liquid pipe is increased)

Refer to the table (Refrigerant pipe diameter from outdoor unit to first branch.) in the 'installation of outdoor units' part.

- Read cooling / heating capacity rate of change in the above figures based on the following equivalent length. : overall equivalent length = (equivalent length of main pipe) X correction factor + (equivalent length after first branching)
 - 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34HP**

Rate of change (object piping)	Correction factor	
	standard size	size increase
Cooling(Gas pipe)	1	0.5
Heating(Liquid pipe)	1	0.2

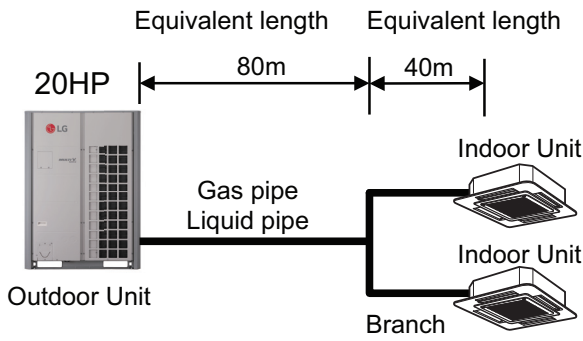
- 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60HP**

Rate of change (object piping)	Correction factor	
	standard size	size increase
Cooling(Gas pipe)	1	0.5
Heating(Liquid pipe)	1	0.4

- 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96HP**

Rate of change (object piping)	Correction factor	
	standard size	size increase
Cooling(Gas pipe)	1	-
Heating(Liquid pipe)	1	0.4

8. Capacity Correction Factor



* (Cooling) Overall equivalent length = $80\text{ m} \times 0.5 + 40\text{ m} = 80\text{ m}$

* (Heating) Overall equivalent length = $80\text{ m} \times 0.2 + 40\text{ m} = 56\text{ m}$

The rate of change in Cooling capacity when HU=0m is thus approximately 0.92
 Heating capacity when HU=0m is thus approximately 1.00

8. Capacity Correction Factor

8.5 Defrosting Correction Factor for Heating Operation

The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.

The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

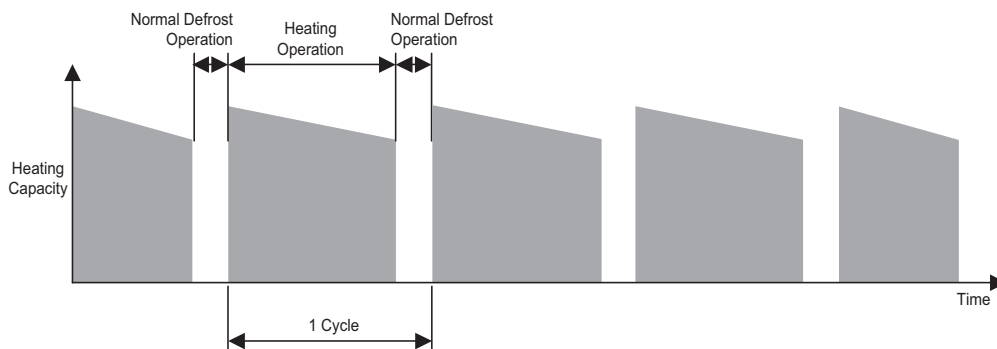
[Formula]

- Integrated Heating capacity = A
- Value given in table of capacity characteristics = B
- Integrated correction factor for frost accumulation = C
- $A=B \times C$

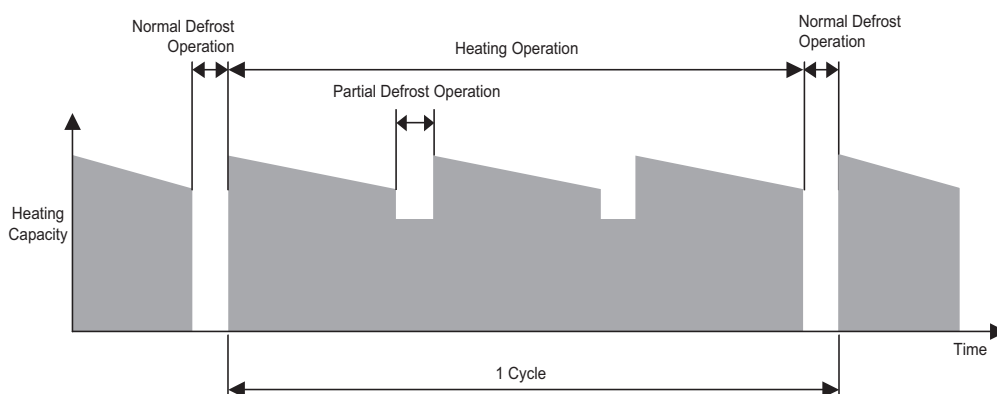
[Correction factor for finding integrated Heating capacity]

Inlet Air Temperature of Heat Exchanger (°C, RH 85%)	-7	-5	-3	0	3	5	7
Integrated Correction Factor for Frost Accumulation (Normal Defrost Operation)	0.92	0.90	0.86	0.84	0.85	0.90	1.0
Integrated Correction Factor for Frost Accumulation (Partial Defrost Operation)	0.92	0.90	0.86	0.90	0.93	0.95	1.0
Integrated Correction Factor for Frost Accumulation (Normal Defrost Operation / Dual sensing)	0.92	0.90	0.86	0.86	0.86	0.91	1.0
Integrated Correction Factor for Frost Accumulation (Partial Defrost Operation / Dual sensing)	0.92	0.90	0.86	0.91	0.94	0.95	1.0

◆ Normal Defrost Operation



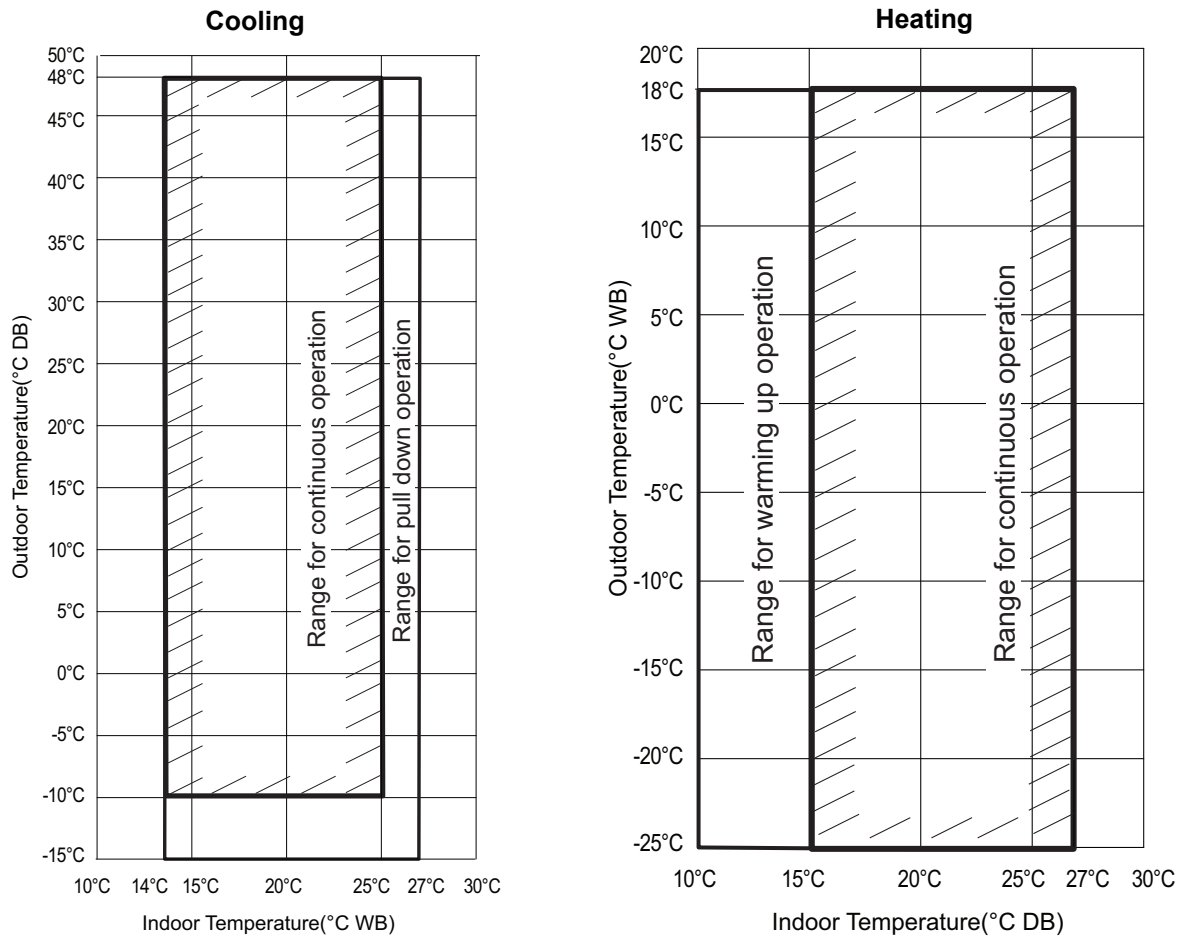
◆ Partial Defrost Operation



Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger. Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

9. Operation Limits

■ Cooling / Heating Operation

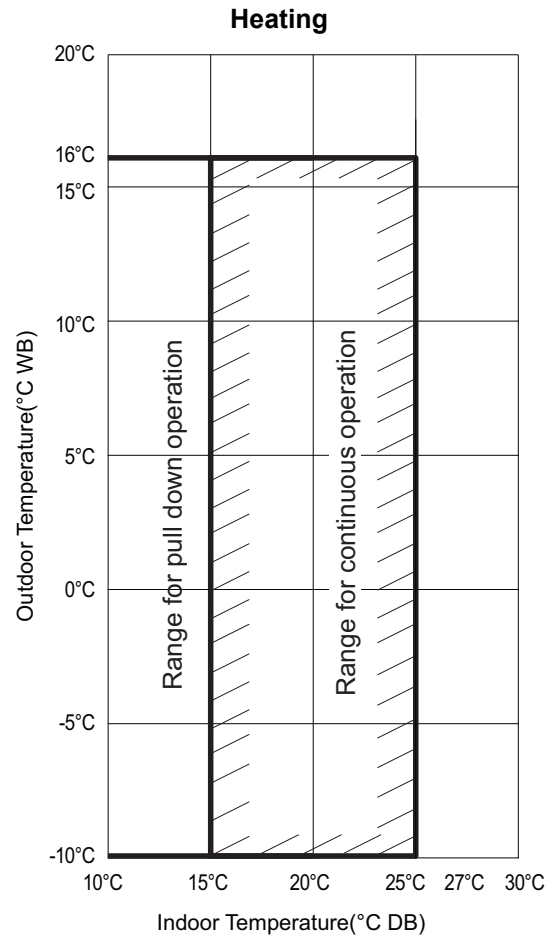
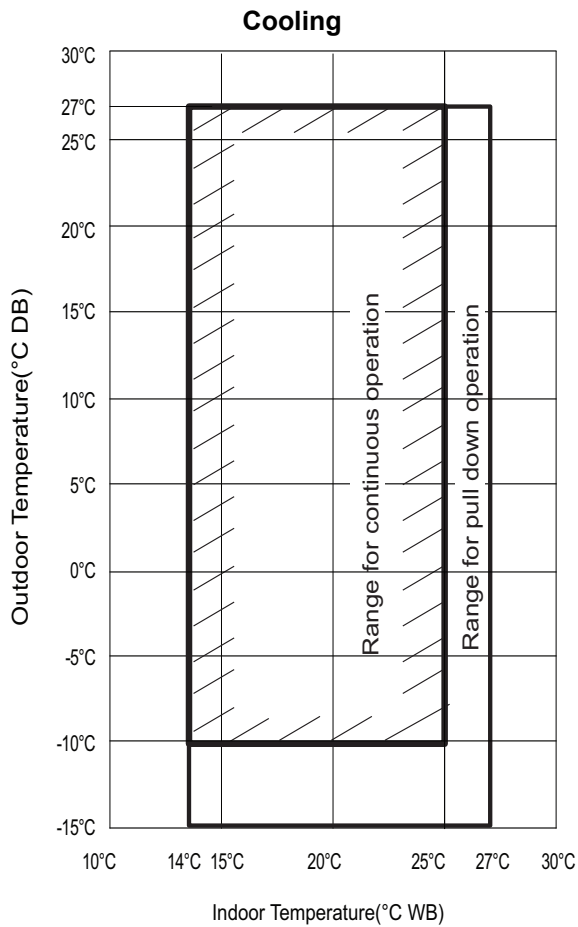


Note

1. These figures assume the following operating conditions:
Equivalent piping length:7.5m
Level difference:0m
2. Range of pull down operation:
If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
3. Warming up operation means that the outdoor unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic

9. Operation Limits

■ Simultaneous Cooling / Heating Operation

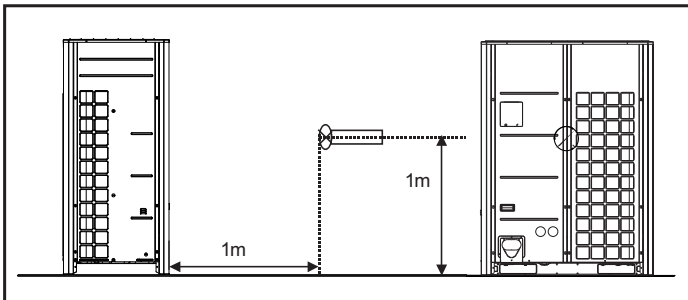


Note

1. These figures assume the following operating conditions:
 Equivalent piping length: 7.5m
 Level difference: 0m
2. Range of pull down operation:
 If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.

10. Sound Levels

10.1 Sound Pressure Level



Note

- Data is valid at free field condition
- Data is valid at nominal operating condition
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed
- Sound level can be increased in static pressure mode or used air guide.

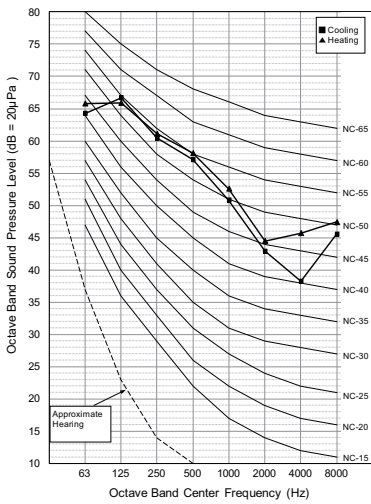
Unit: dB(A)

Model	Cooling	Heating
ARUM080BTE5	58.0	59.0
ARUM100BTE5	58.0	59.0
ARUM120BTE5	59.0	60.0
ARUM140BTE5	60.0	61.0
ARUM160BTE5	60.5	61.5
ARUM180BTE5	61.0	62.0
ARUM200BTE5	62.0	64.5
ARUM220BTE5	64.5	65.5
ARUM240BTE5	65.0	67.0
ARUM260BTE5	65.0	67.0
ARUM221BTE5	61.5	62.5
ARUM241BTE5	62.0	63.0
ARUM261BTE5	62.5	63.5
ARUM280BTE5	62.8	63.8
ARUM300BTE5	63.1	64.1
ARUM320BTE5	63.8	65.8
ARUM340BTE5	65.6	66.6
ARUM360BTE5	66.0	67.8
ARUM380BTE5	66.2	68.0
ARUM400BTE5	66.3	68.1
ARUM420BTE5	66.5	68.2
ARUM440BTE5	66.8	68.9
ARUM460BTE5	67.8	69.3
ARUM480BTE5	68.0	70.0
ARUM500BTE5	67.0	68.6
ARUM520BTE5	67.1	68.7
ARUM540BTE5	67.2	68.8
ARUM560BTE5	67.4	69.5
ARUM580BTE5	68.3	69.8
ARUM600BTE5	68.5	70.4
ARUM620BTE5	68.6	70.5
ARUM640BTE5	68.7	70.6
ARUM660BTE5	68.8	70.6
ARUM680BTE5	69.0	71.1
ARUM700BTE5	69.6	71.3
ARUM720BTE5	69.8	71.8
ARUM740BTE5	69.1	70.9
ARUM760BTE5	69.2	70.9

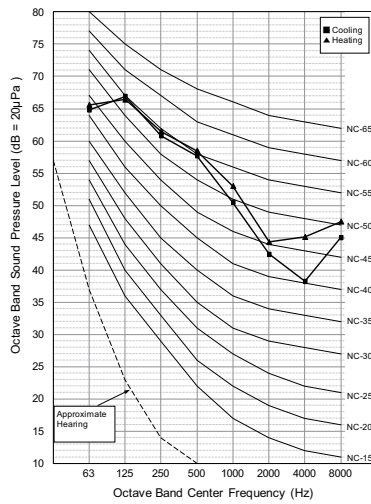
10. Sound Levels

Model	Cooling	Heating
ARUM780BTE5	69.2	71.0
ARUM800BTE5	69.4	71.4
ARUM820BTE5	70.0	71.6
ARUM840BTE5	70.1	72.1
ARUM860BTE5	70.2	72.1
ARUM880BTE5	70.3	72.2
ARUM900BTE5	70.3	72.2
ARUM920BTE5	70.4	72.5
ARUM940BTE5	70.9	72.7
ARUM960BTE5	71.0	73.0

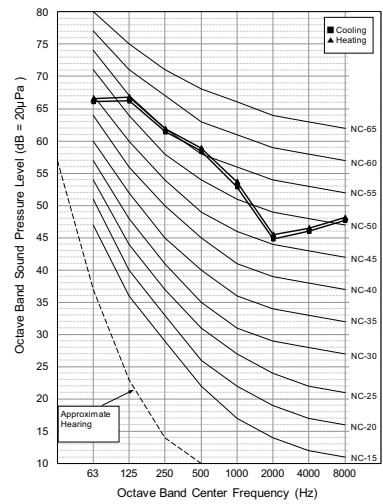
ARUM080BTE5



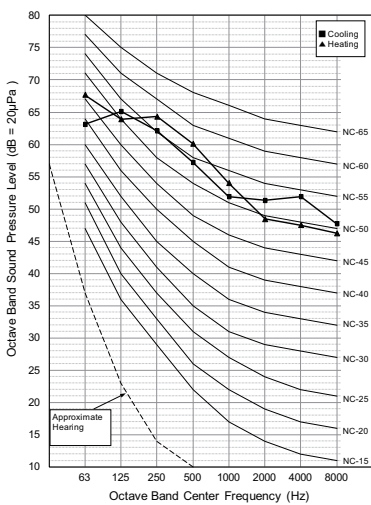
ARUM100BTE5



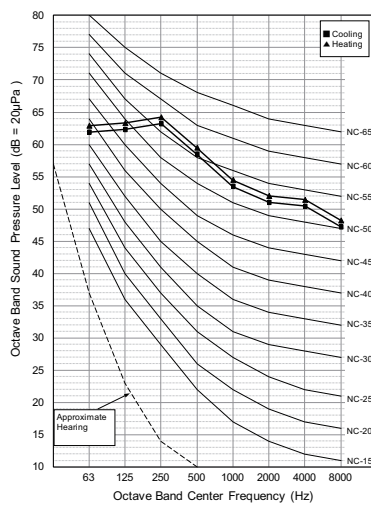
ARUM120BTE5



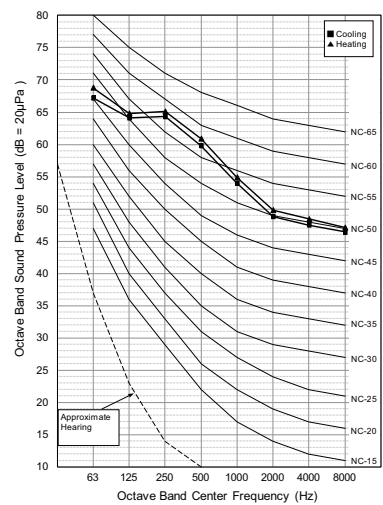
ARUM140BTE5



ARUM160BTE5

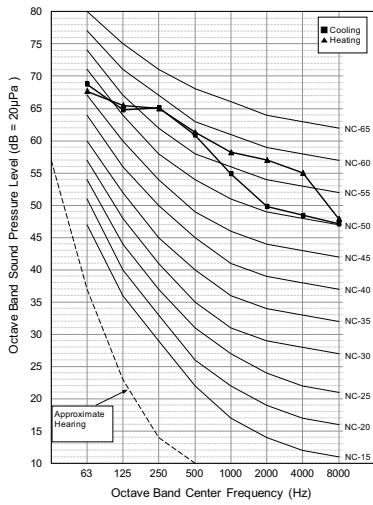


ARUM180BTE5

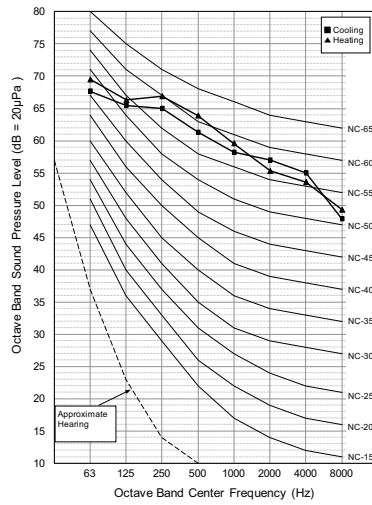


10. Sound Levels

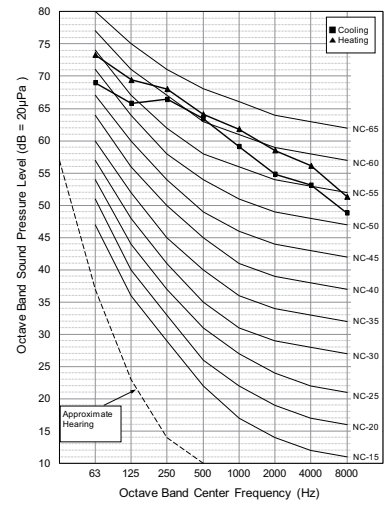
ARUM200BTE5



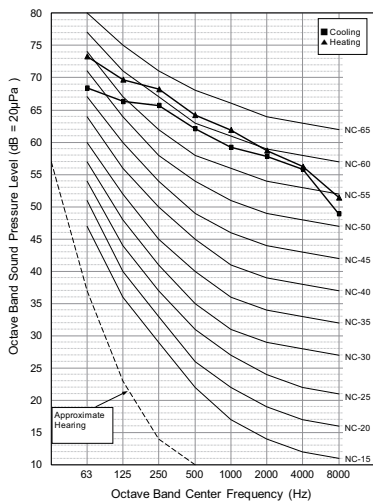
ARUM220BTE5



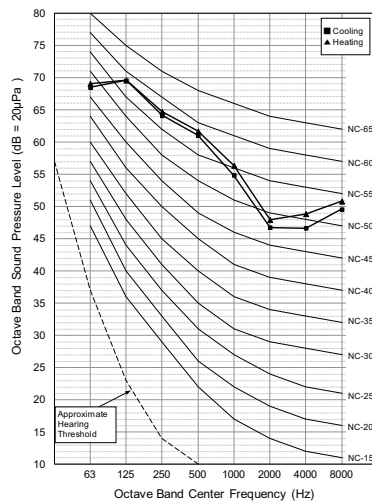
ARUM240BTE5



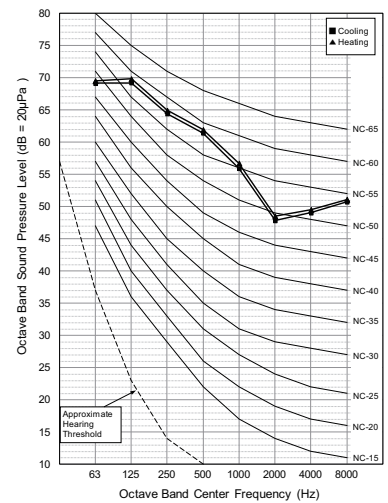
ARUM260BTE5



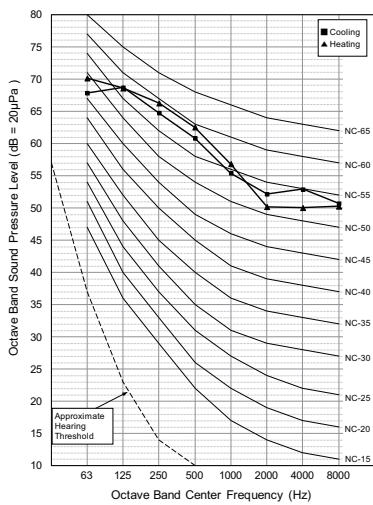
ARUM221BTE5



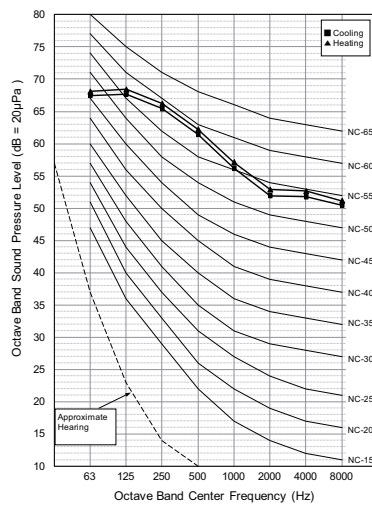
ARUM241BTE5



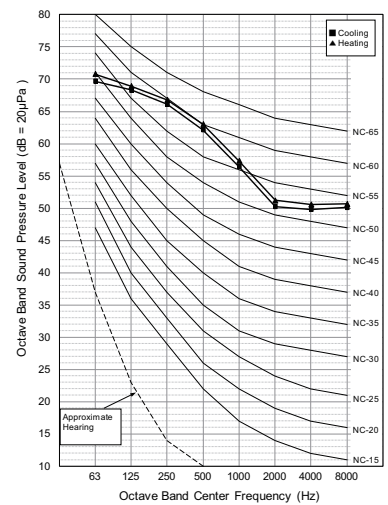
ARUM261BTE5



ARUM280BTE5

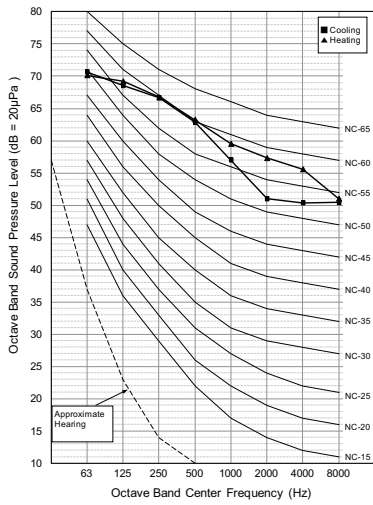


ARUM300BTE5

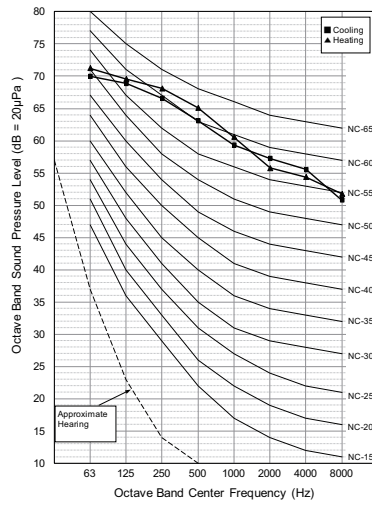


10. Sound Levels

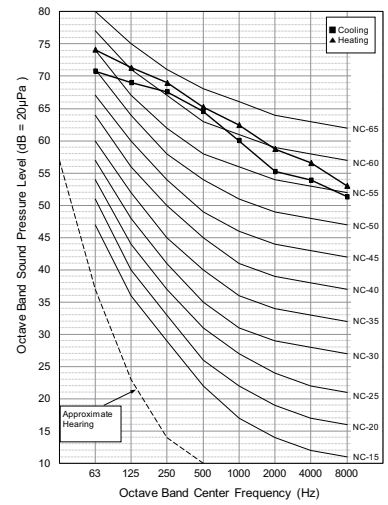
ARUM320BTE5



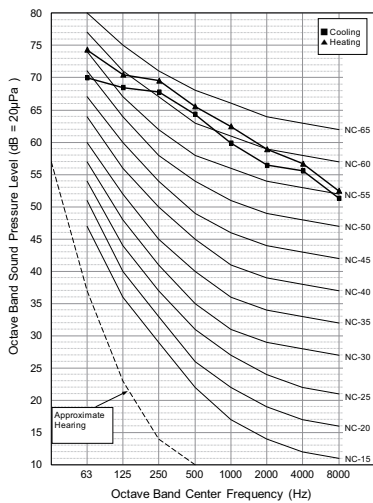
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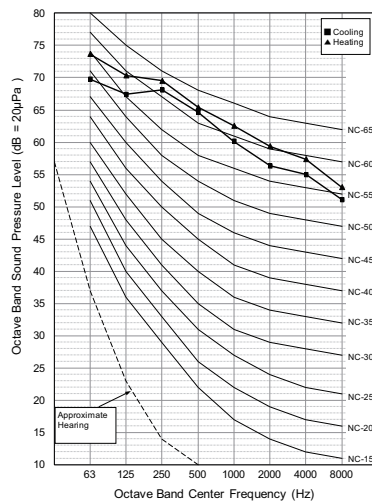
ARUM360BTE5



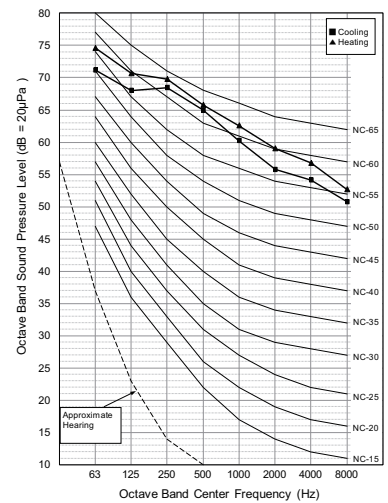
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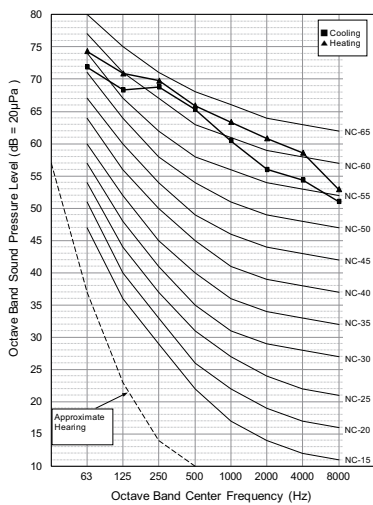
ARUM400BTE5



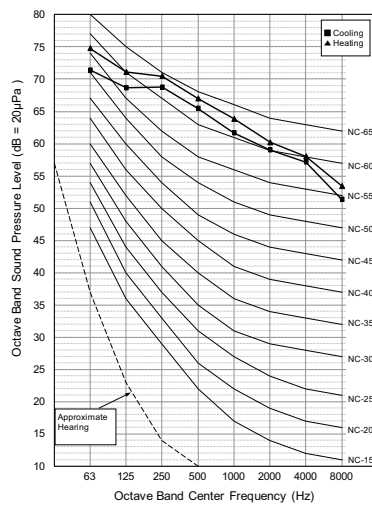
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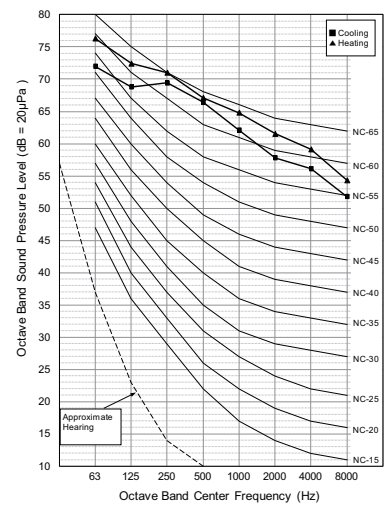
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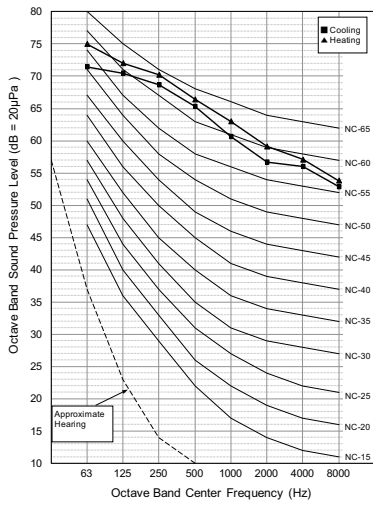


ARUM480BTE5

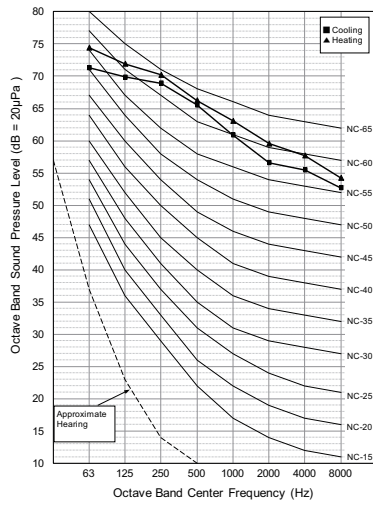


10. Sound Levels

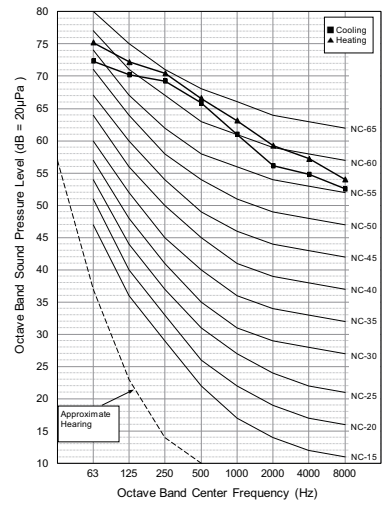
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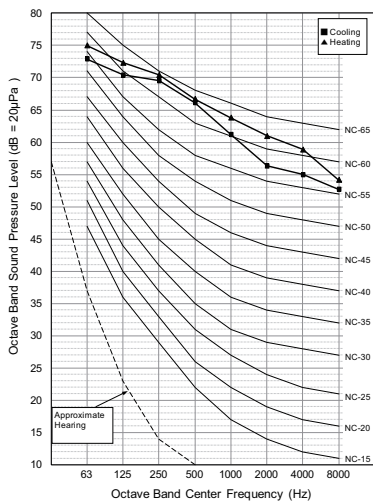
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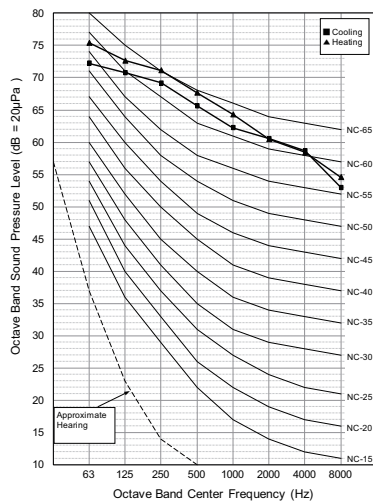
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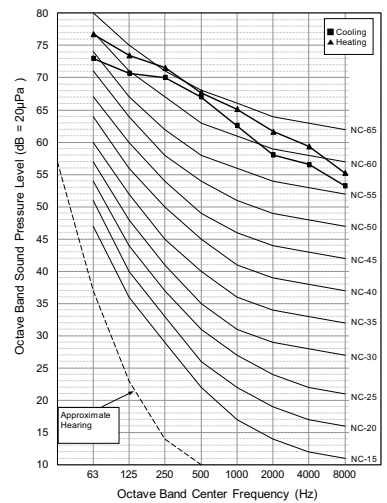
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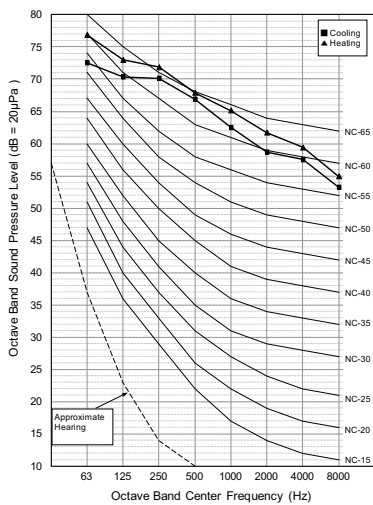
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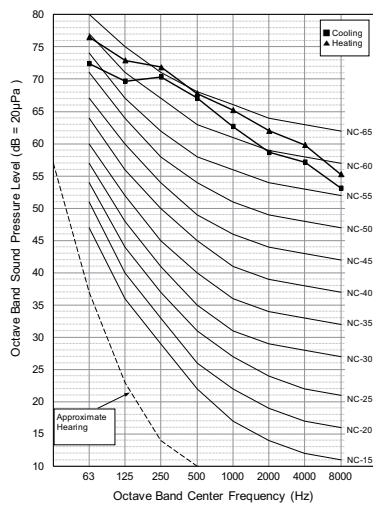
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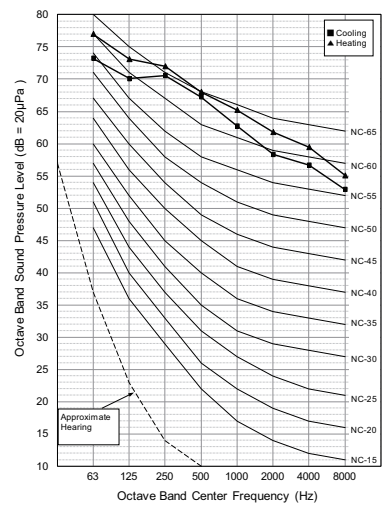
ARUM620BTE5



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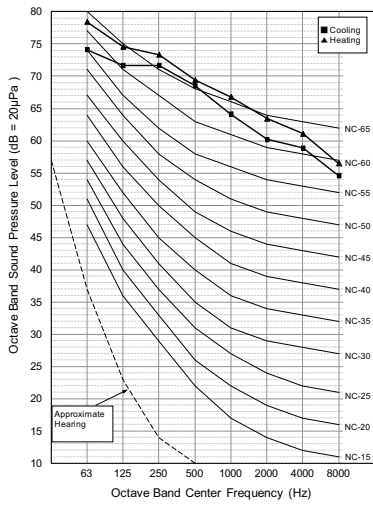


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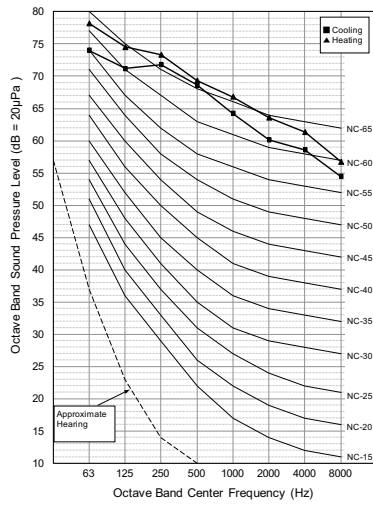


10. Sound Levels

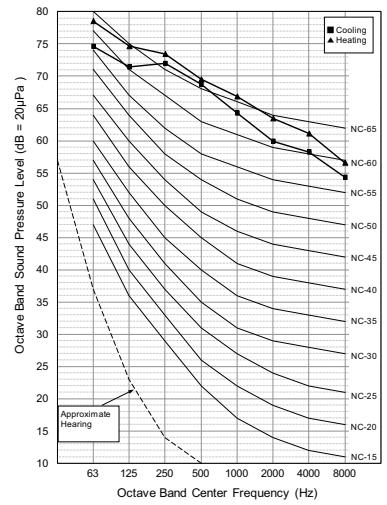
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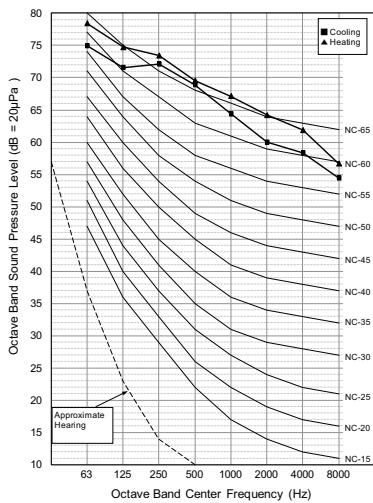
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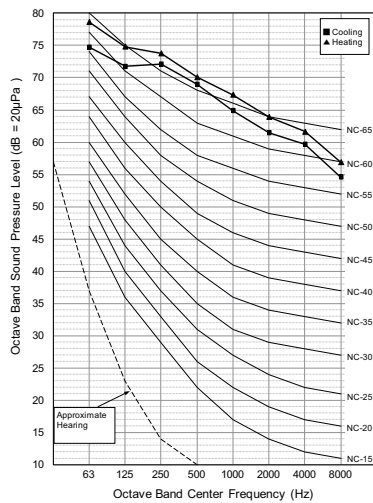
ARUM900BTE5



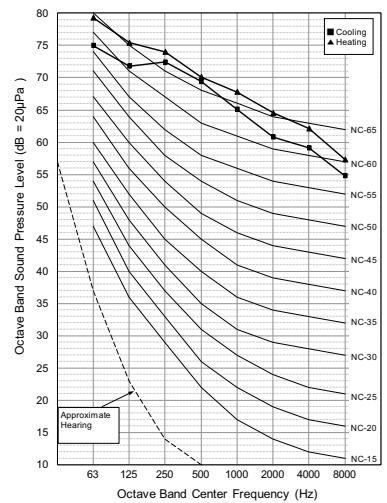
ARUM920BTE5



ARUM940BTE5



ARUM960BTE5



10. Sound Levels

10.2 Sound Power Levels

Note

- Data is valid at diffuse field condition
- Data is valid at nominal operating condition
- Sound level can be increased in static pressure mode or used air guide.
- Sound power level is measured on the rated condition in the reverberation rooms.
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Reference acoustic intensity 0dB = $10E-6\mu W/m^2$

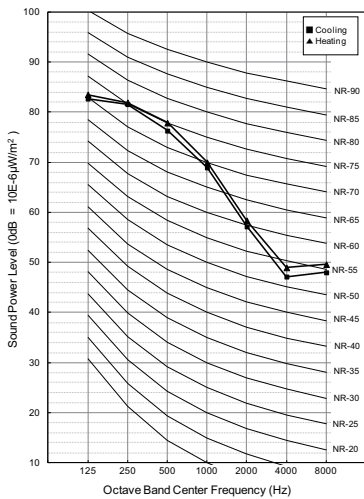
Unit: dB(A)

Model	Cooling	Heating
ARUM080BTE5	77.0	78.0
ARUM100BTE5	78.0	79.0
ARUM120BTE5	79.0	80.0
ARUM140BTE5	82.0	84.0
ARUM160BTE5	83.0	85.0
ARUM180BTE5	85.0	86.0
ARUM200BTE5	86.0	87.0
ARUM220BTE5	86.0	88.0
ARUM240BTE5	88.0	90.0
ARUM260BTE5	88.0	90.0
ARUM221BTE5	81.5	82.5
ARUM241BTE5	82.0	83.0
ARUM261BTE5	83.8	85.5
ARUM280BTE5	84.5	86.2
ARUM300BTE5	86.0	87.0
ARUM320BTE5	86.8	87.8
ARUM340BTE5	86.8	88.6
ARUM360BTE5	88.5	90.4
ARUM380BTE5	89.0	91.0
ARUM400BTE5	89.2	91.2
ARUM420BTE5	89.8	91.5
ARUM440BTE5	90.1	91.8
ARUM460BTE5	90.1	92.1
ARUM480BTE5	91.0	93.0
ARUM500BTE5	89.4	91.3
ARUM520BTE5	89.6	91.5
ARUM540BTE5	90.1	91.8
ARUM560BTE5	90.4	92.0
ARUM580BTE5	90.4	92.4
ARUM600BTE5	91.3	93.2
ARUM620BTE5	91.5	93.5
ARUM640BTE5	91.6	93.6
ARUM660BTE5	92.0	93.8
ARUM680BTE5	92.2	94.0
ARUM700BTE5	92.2	94.2
ARUM720BTE5	92.8	94.8
ARUM740BTE5	91.8	93.7

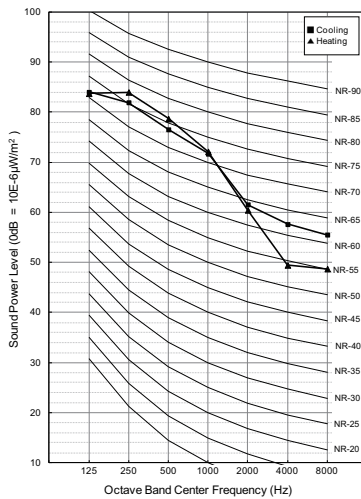
10. Sound Levels

Model	Cooling	Heating
ARUM760BTE5	91.9	93.8
ARUM780BTE5	92.2	94.0
ARUM800BTE5	92.4	94.2
ARUM820BTE5	92.4	94.4
ARUM840BTE5	92.9	94.9
ARUM860BTE5	93.1	95.1
ARUM880BTE5	93.2	95.2
ARUM900BTE5	93.4	95.3
ARUM920BTE5	93.6	95.4
ARUM940BTE5	93.6	95.6
ARUM960BTE5	94.0	96.0

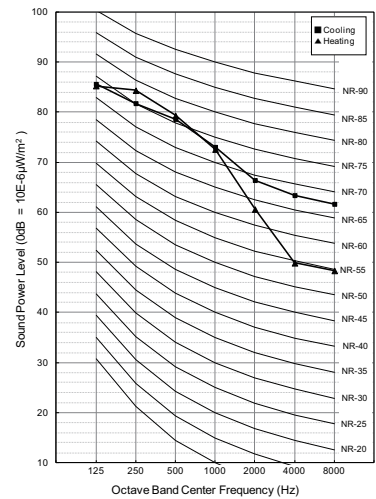
ARUM080BTE5



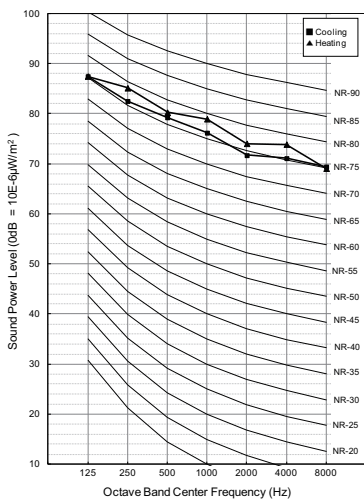
ARUM100BTE5



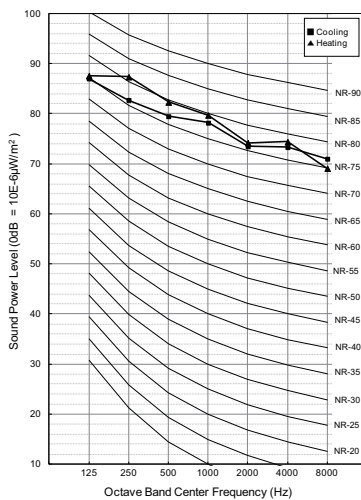
ARUM120BTE5



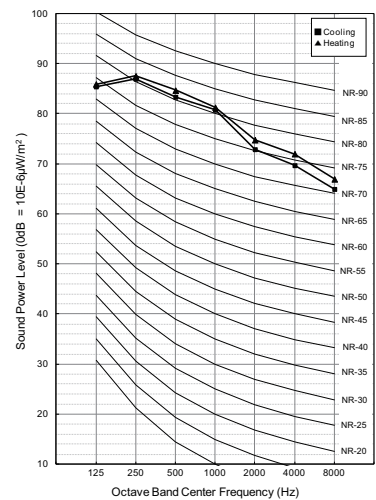
ARUM140BTE5



ARUM160BTE5

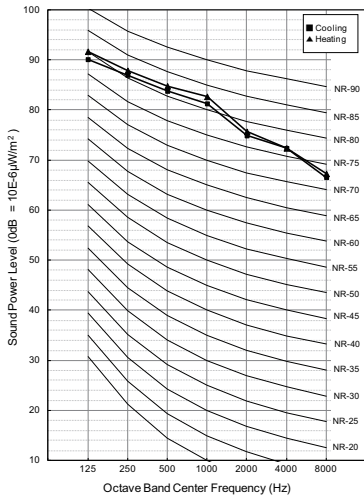


ARUM180BTE5

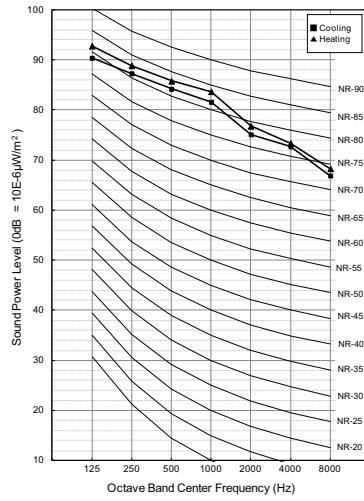


10. Sound Levels

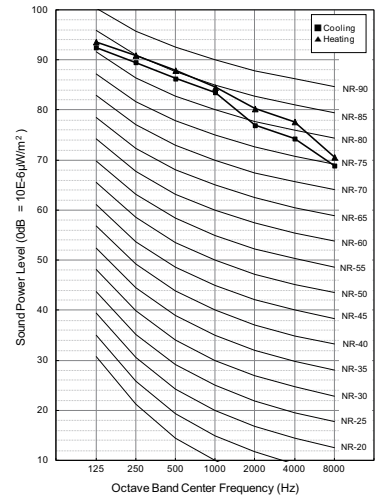
ARUM200BTE5



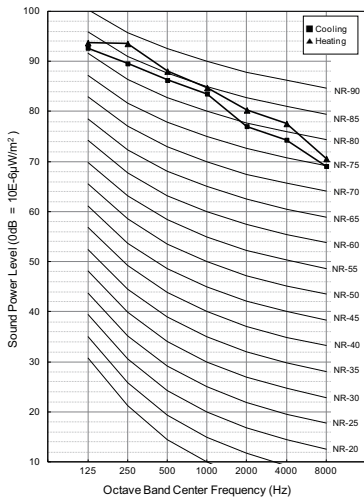
ARUM220BTE5



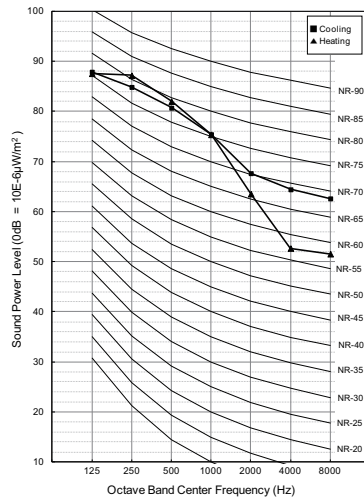
ARUM240BTE5



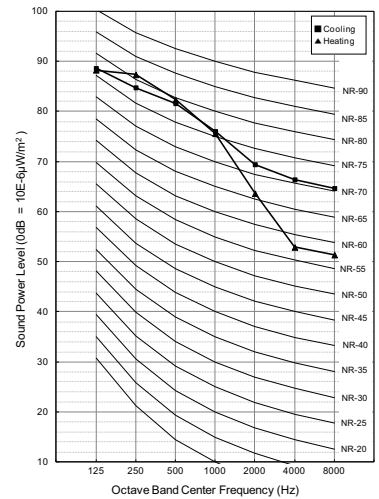
ARUM260BTE5



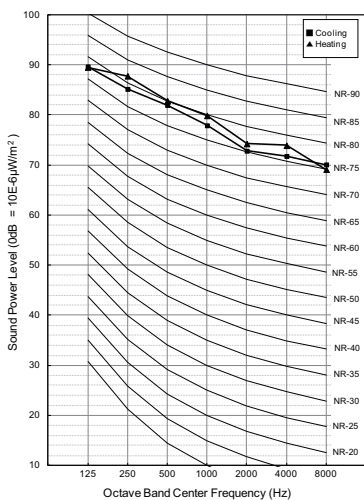
ARUM221BTE5



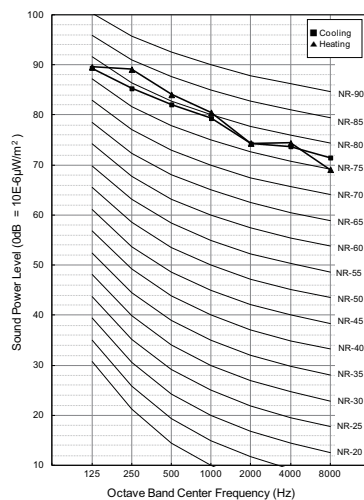
ARUM241BTE5



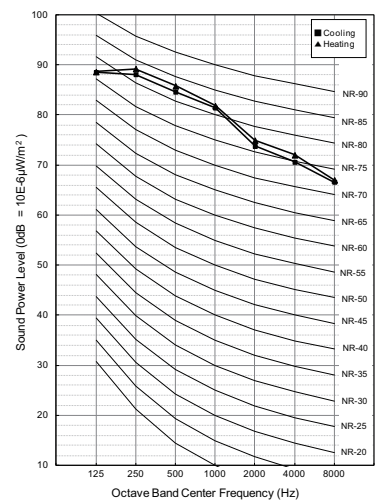
ARUM261BTE5



ARUM280BTE5

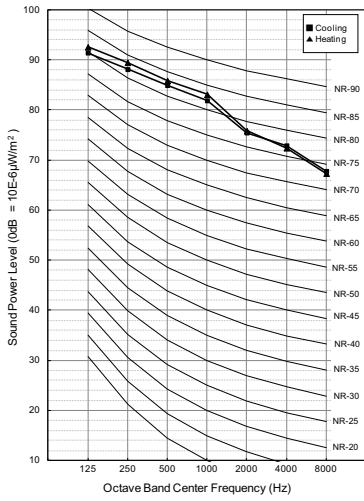


ARUM300BTE5

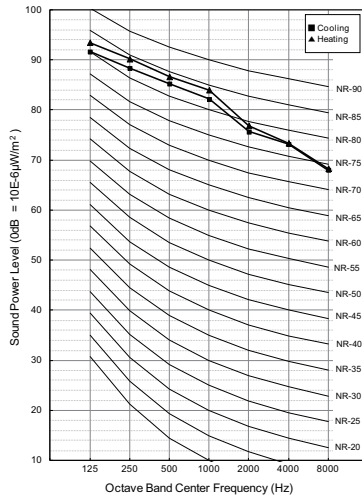


10. Sound Levels

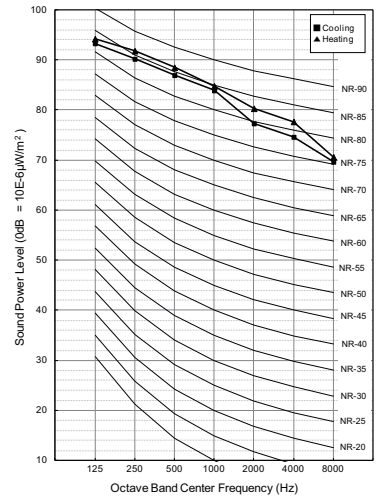
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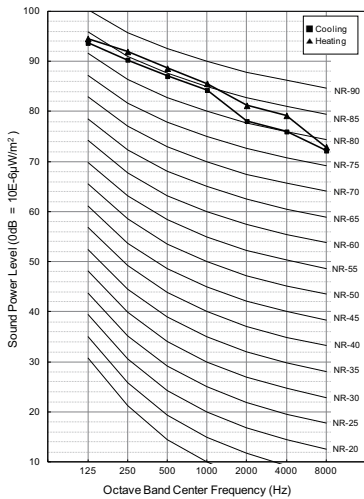
ARUM340BTE5



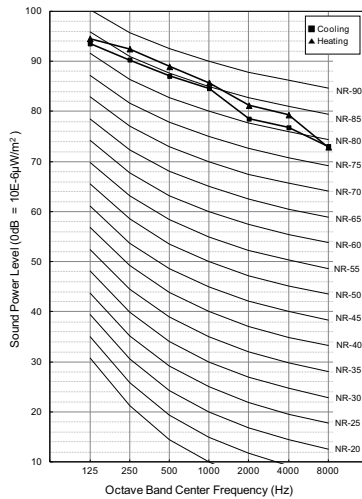
ARUM360BTE5



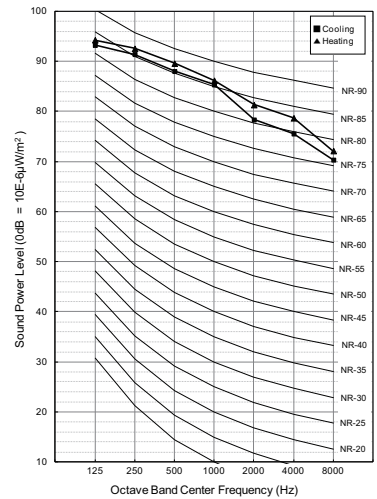
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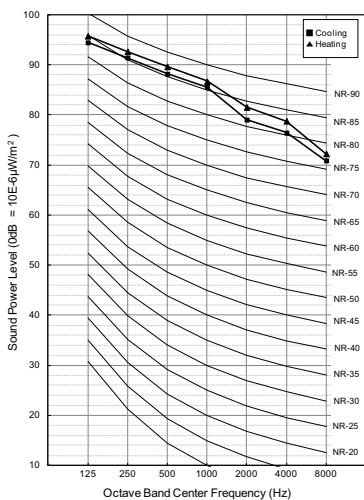
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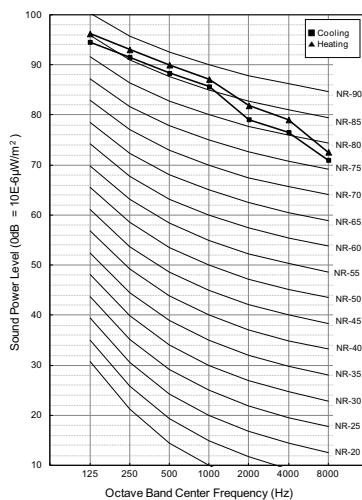
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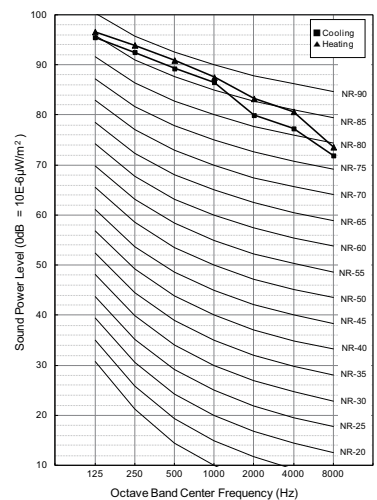
ARUM440BTE5



ARUM460BTE5

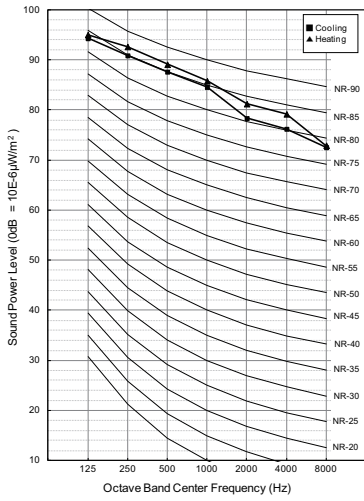


ARUM480BTE5

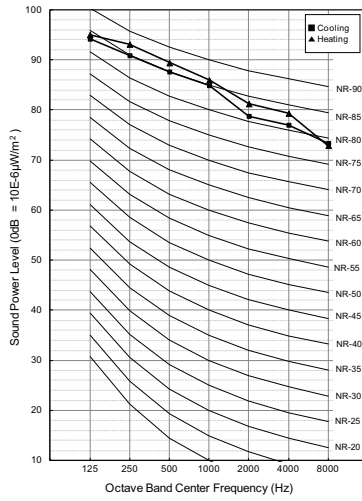


10. Sound Levels

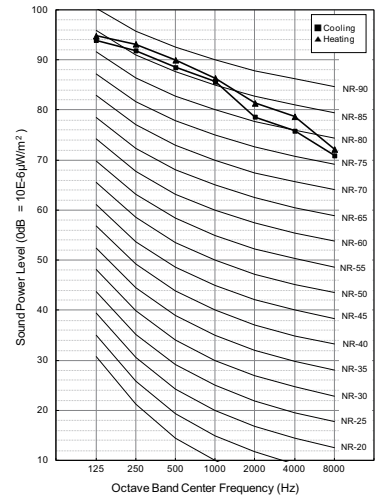
ARUM500BTE5



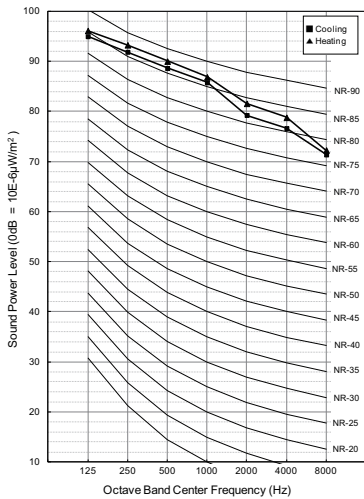
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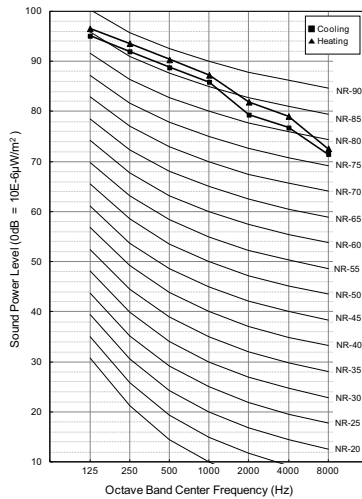
ARUM540BTE5



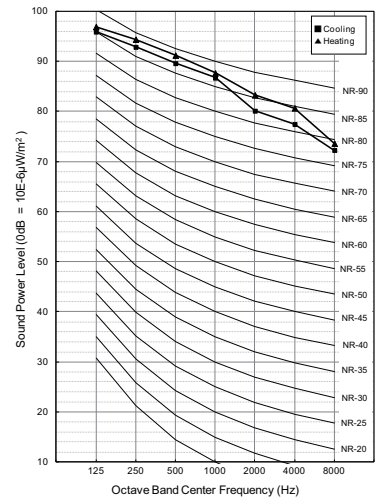
ARUM560BTE5



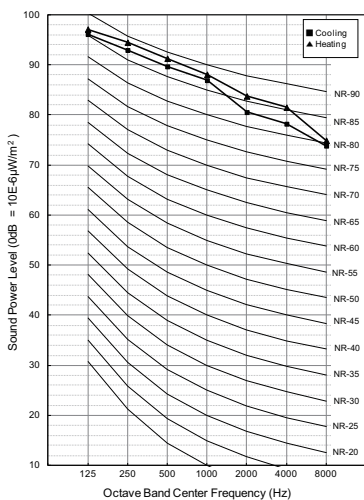
ARUM580BTE5



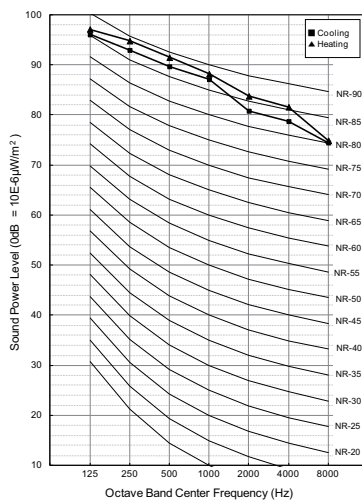
ARUM600BTE5



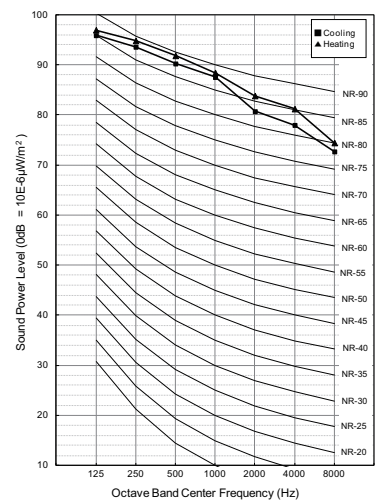
ARUM620BTE5



ARUM640BTE5

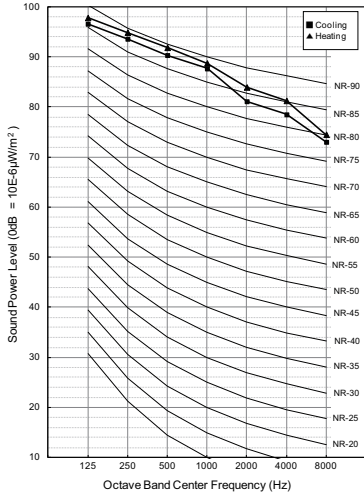


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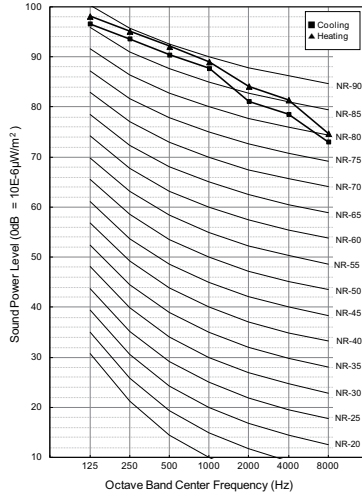


10. Sound Levels

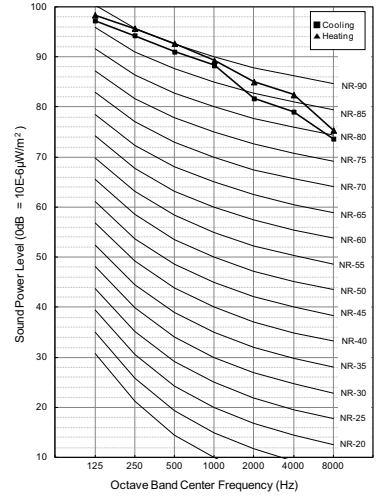
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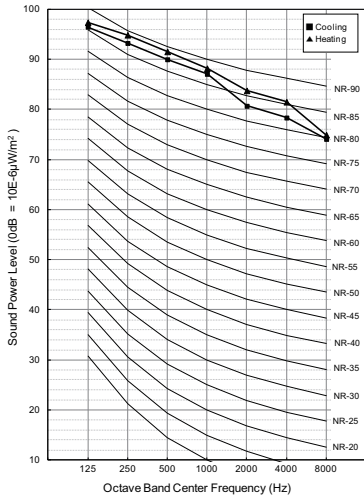
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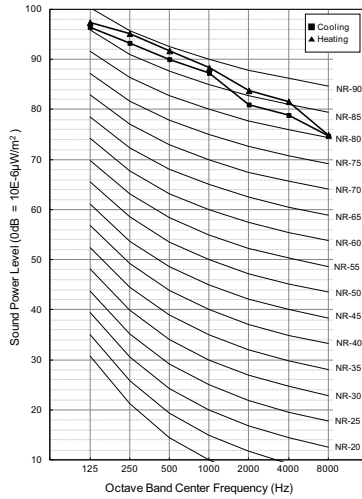
ARUM720BTE5



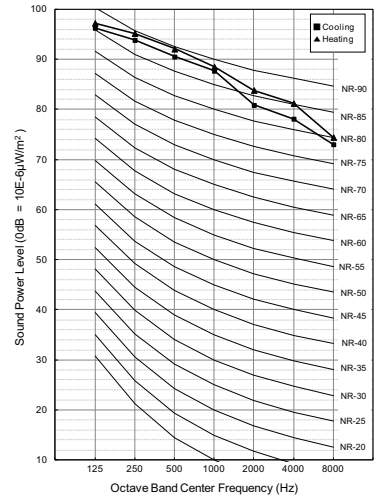
ARUM740BTE5



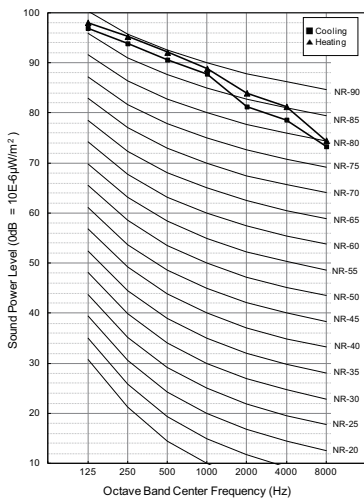
ARUM760BTE5



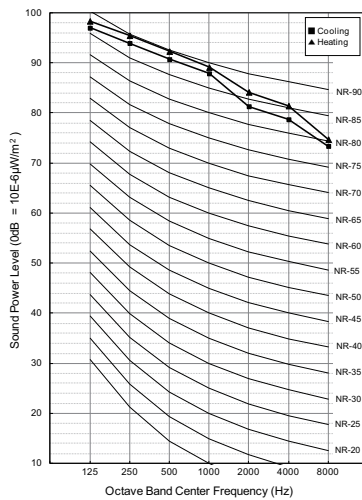
ARUM780BTE5



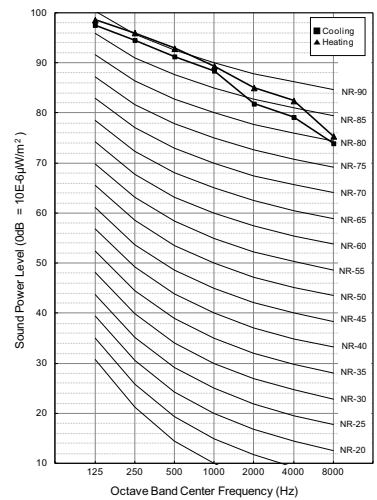
ARUM800BTE5



ARUM820BTE5

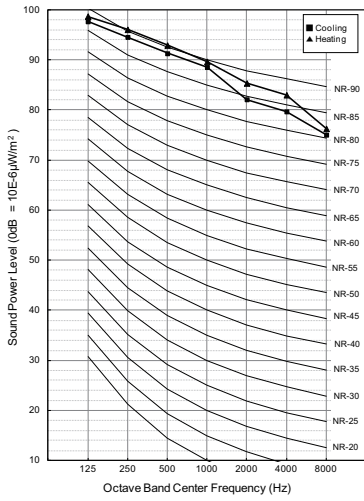


ARUM840BTE5

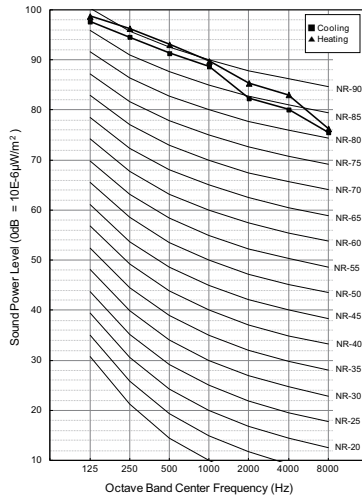


10. Sound Levels

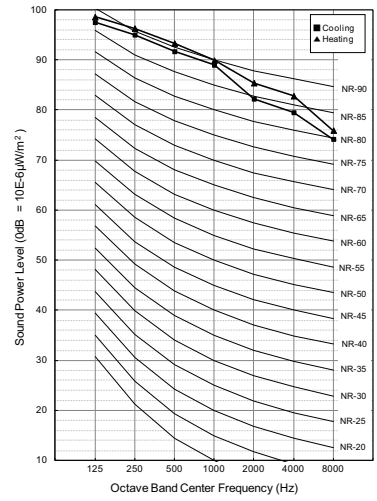
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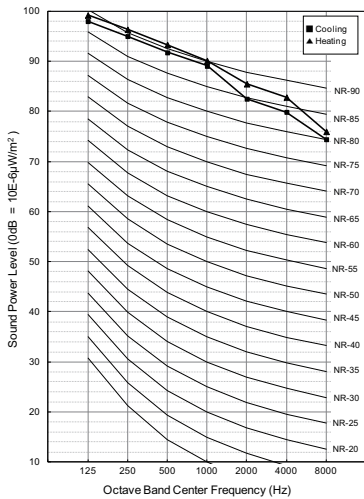
ARUM880BTE5



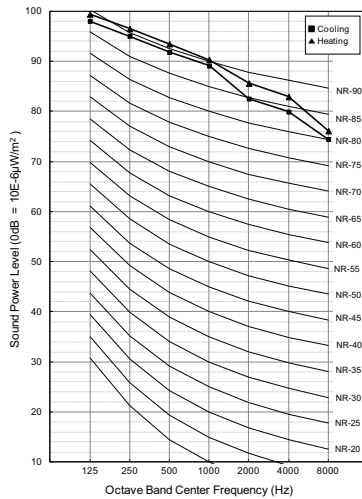
ARUM900BTE5



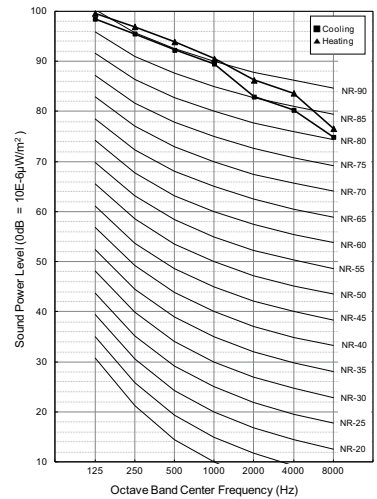
ARUM920BTE5



ARUM940BTE5



ARUM960BTE5



11. Accessories

■ Optional Accessories

No.	Name	Model
1	Y branch pipe	ARBLN01621 / ARBLB01621
		ARBLN03321 / ARBLB03321
		ARBLN07121 / ARBLB07121
		ARBLN14521 / ARBLB14521
		ARBLN23220 / ARBLB23220
2	Header	ARBL054
		ARBL057
		ARBL104
		ARBL107
		ARBL1010
		ARBL2010
3	Connection pipe of Outdoor Units	ARCNB21 / ARCNN21
		ARCNB31 / ARCNN31
		ARCNB41 / ARCNN41

MULTI V™ 5

Heat Recovery

HR Unit

- 1.Nomenclature**
- 2.Specifications**
- 3.Dimensions**
- 4.Prats Function**
- 5.Piping Diagrams**
- 6.Wiring Diagrams**
- 7.Sound Levels**

1. Nomenclature

Model Name	PRHR	04	3
No.	1	2	3

No.	Signification
1	HR Unit connecting to Multi V Heat Recovery System Outdoor Unit using R410A PRHR : Global line-up
2	The No. of connected branches 02 : For 2 branches 03 : For 3 branches 04 : For 4 branches 06 : For 6 branches 08 : For 8 branches
3	Serial Number

2. Specifications

Model		PRHR023	PRHR033	PRHR043	
Max. Connectable No. of Indoor Units		16	24	32	
Max. Connectable No. of Indoor Units of a branch		8	8	8	
Nominal Input	Cooling(W)	39.8	39.8	39.8	
	Heating(W)	37.2	37.2	37.2	
Net. Weight	kg	14.9	16.7	18.2	
	lbs	32.8	36.8	40.1	
Dimensions (WxHxD)	mm	786 x 218 x 657			
	Inch	30-15/16 x 8-19/32 x 25-7/8			
Casing		Galvanized steel plate			
Connecting Pipes	Indoor side	Liquid Pipe [mm/inch]	Ø9.52[3/8] ~ Ø6.35[1/4]		
		Gas Pipe [mm/inch]	Ø15.88[5/8] ~ Ø12.7[1/2]		
	Outdoor side	Liquid [mm/inch]	Ø9.52[3/8]	Ø12.7[1/2]	Ø15.88[5/8]
		Low Pressure [mm/inch]	Ø22.2[7/8]	Ø28.58[1-1/8]	Ø28.58[1-1/8]
		High Pressure [mm/inch]	Ø19.05[3/4]	Ø22.2[7/8]	Ø22.2[7/8]
Sound Absorbing Insulation Material		Polyethylene Foam			
Current	Minimum circuit Amps(MCA)	0.17			
Power Supply		1Ø, 220-240V, 50Hz / 1Ø, 220V, 60Hz			

Note

- Voltage range : Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phases is 2%.
- MCA/MFA
 $MCA = 1.25 \times FLA$
 $MFA = 1.1 \times MCA$
 (If MFA is smaller than minimum standard value, Use minimum standard value in region for selecting circuit breaker.)
- Select wire size based on the MCA.
- MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker. [circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

2. Specifications

Model		PRHR063	PRHR083	
Max. Connectable No. of Indoor Units		48	64	
Max. Connectable No. of Indoor Units of a branch		8	8	
Nominal Input	Cooling(W)	75.9	75.9	
	Heating(W)	72.1	72.1	
Net. Weight	kg	27.2	30.7	
	lbs	60.0	67.7	
Dimensions (WxHxD)	mm	1,113 x 218 x 657		
	Inch	43-13/16 x 8-19/32 x 25-7/8		
Casing		Galvanized steel plate		
Connecting Pipes	Indoor side	Liquid Pipe [mm/inch]	Ø9.52[3/8] ~ Ø6.35[1/4]	
		Gas Pipe [mm/inch]	Ø15.88[5/8] ~ Ø12.7[1/2]	
	Outdoor side	Liquid [mm/inch]	Ø15.88[5/8]	Ø15.88[5/8]
		Low Pressure [mm/inch]	Ø28.58[1-1/8]	Ø28.58[1-1/8]
		High Pressure [mm/inch]	Ø22.2[7/8]	Ø22.2[7/8]
Sound Absorbing Insulation Material		Polyethylene Foam		
Current	Minimum circuit Amps(MCA)	0.27		
Power Supply		1Ø, 220-240V, 50Hz / 1Ø, 220V, 60Hz		

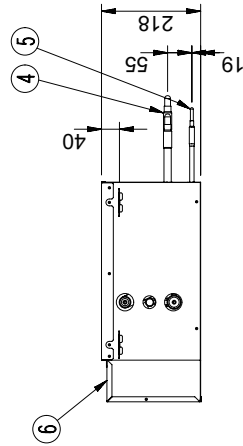
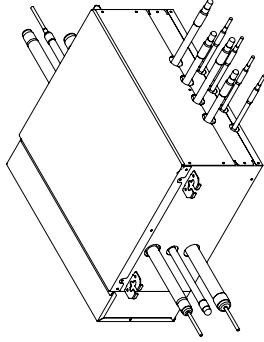
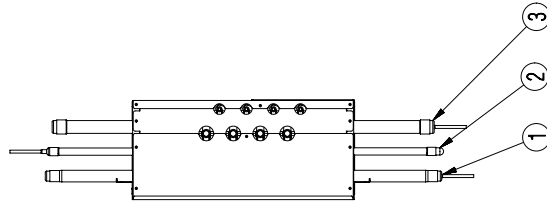
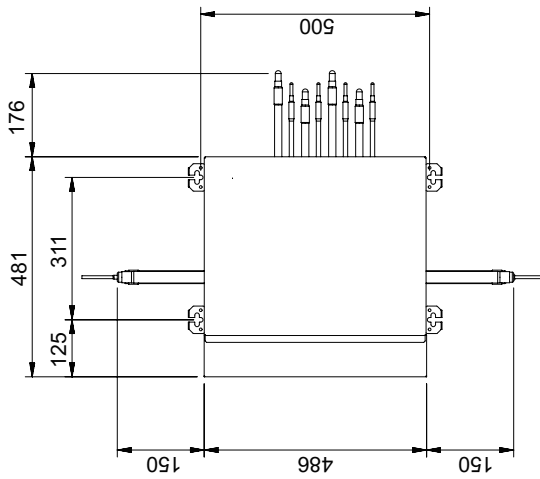
Note

1. Voltage range : Voltage supplied to the unit terminals should be within the minimum and maximum range.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA/MFA
 $MCA = 1.25 \times FLA$
 $MFA = 1.1 \times MCA$
 (If MFA is smaller than minimum standard value, Use minimum standard value in region for selecting circuit breaker.)
4. Select wire size based on the MCA.
5. MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker. [circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

3. Dimensions

PRHR023 / PRHR033 / PRHR043

[Unit: mm]



Note

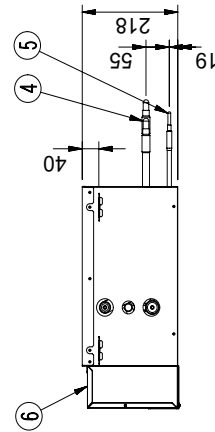
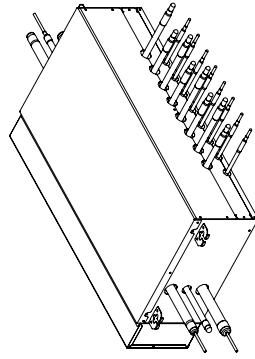
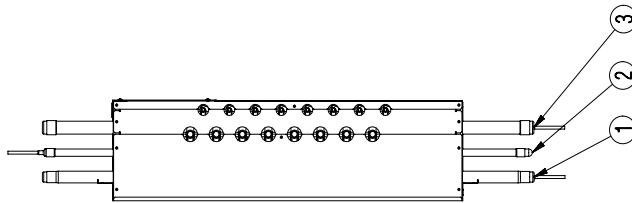
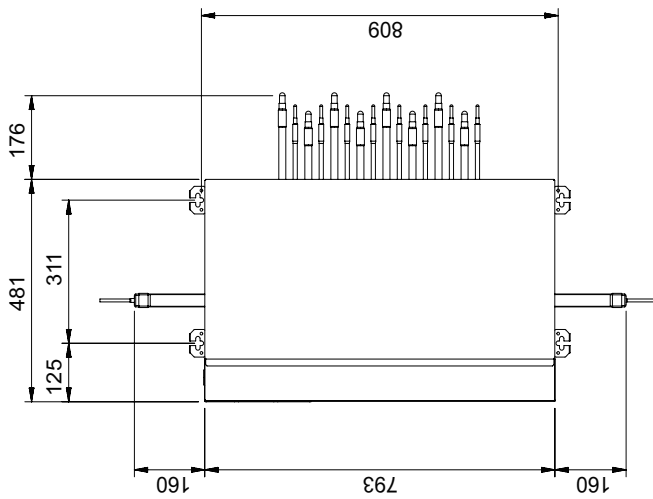
1. Unit should be installed in compliance with the installation manual in the product box.
2. Unit should be grounded in accordance with the local regulations or applicable national codes.
3. All electrical components and materials to be supplied from the site must comply with the local regulations or international codes.

No.	Part Name	Description
6	Control box	-
5	Liquid pipe to Indoor unit	8- \varnothing 9.52 - \varnothing 6.35
4	Gas pipe to Indoor unit	8- \varnothing 15.88 - \varnothing 12.7
3	Low pressure gas pipe	2- \varnothing 28.58
2	Liquid pipe to Outdoor unit	2- \varnothing 15.88
1	High pressure gas pipe	2- \varnothing 22.2

3. Dimensions

PRHR063 / PRHR083

[Unit: mm]



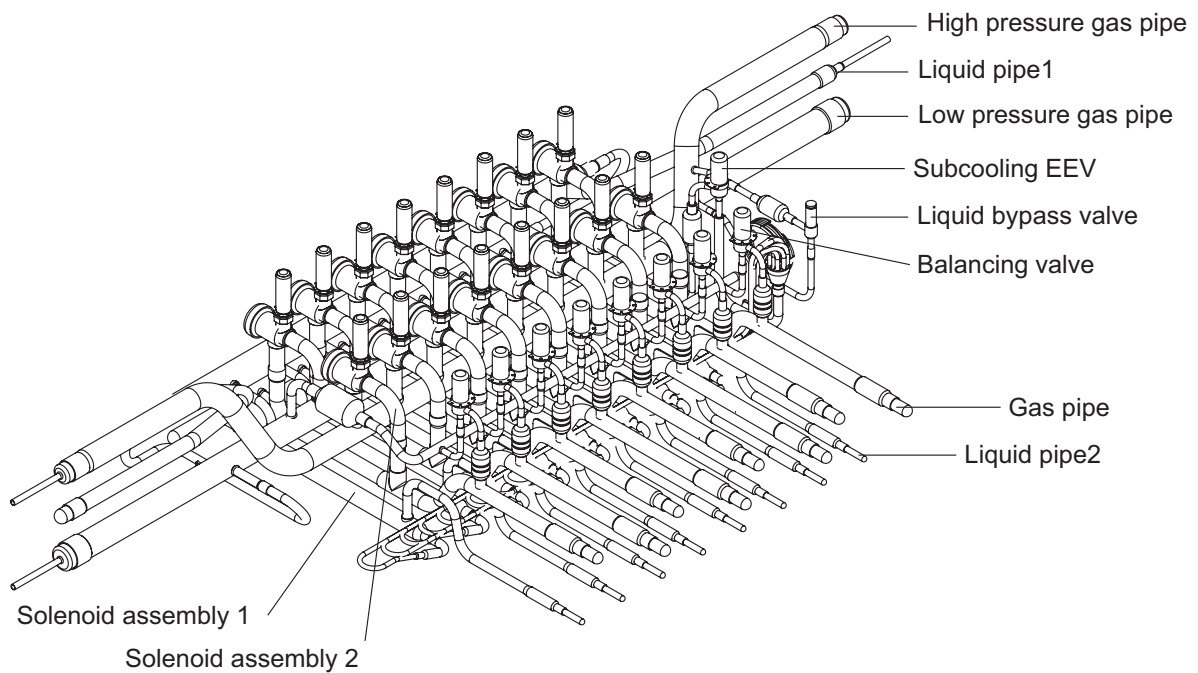
Note

1. Unit should be installed in compliance with the installation manual in the product box.
2. Unit should be grounded in accordance with the local regulations or applicable national codes.
3. All electrical components and materials to be supplied from the site must comply with the local regulations or international codes.

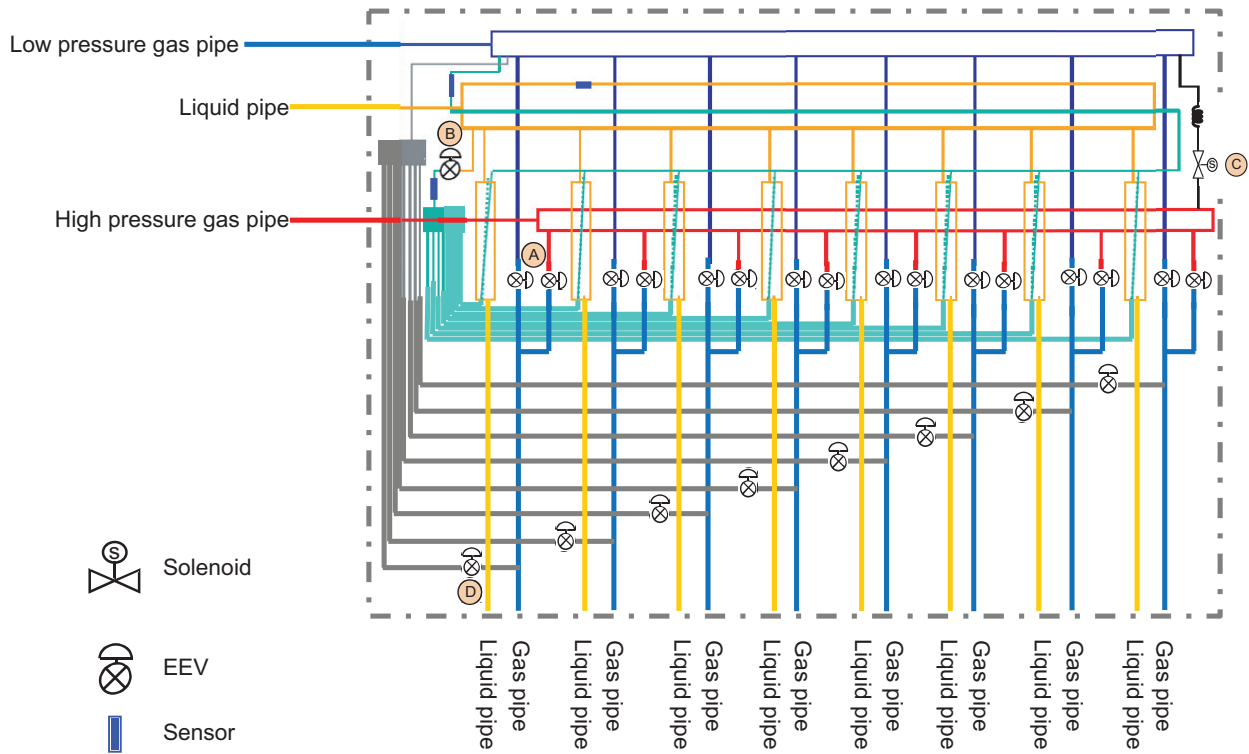
6	Control box	-
5	Liquid pipe to indoor unit	8- \varnothing 9.52 - \varnothing 6.35
4	Gas pipe to indoor unit	8- \varnothing 15.88 - \varnothing 12.7
3	Low pressure gas pipe	2- \varnothing 28.58
2	Liquid pipe to Outdoor unit	2- \varnothing 15.88
1	High pressure gas pipe	2- \varnothing 22.2
No.	Part Name	Description

4. Parts Function

Parts Name	Symbol	Major Function
Low pressure gas pipe	LPGV	Pipe for Low pressure gas
High pressure gas pipe	HPGV	Pipe for High pressure gas
Liquid pipe 1	LP1	Liquid pipe connected with outdoor unit
Liquid bypass valve	LBV	Prevent Liquid charging
Solenoid Assembly 1, 2	SOL1, 2	Control the path for heating or cooling
Liquid pipe 2	LP2	Liquid pipe connected with indoor unit
Gas pipe	GSP	Gas pipe connected with indoor unit
Balancing valve	BLV	Control the pressure between High and Low pressure pipe during operation switching
Subcooling EEV	SCEEV	Control the subcooling



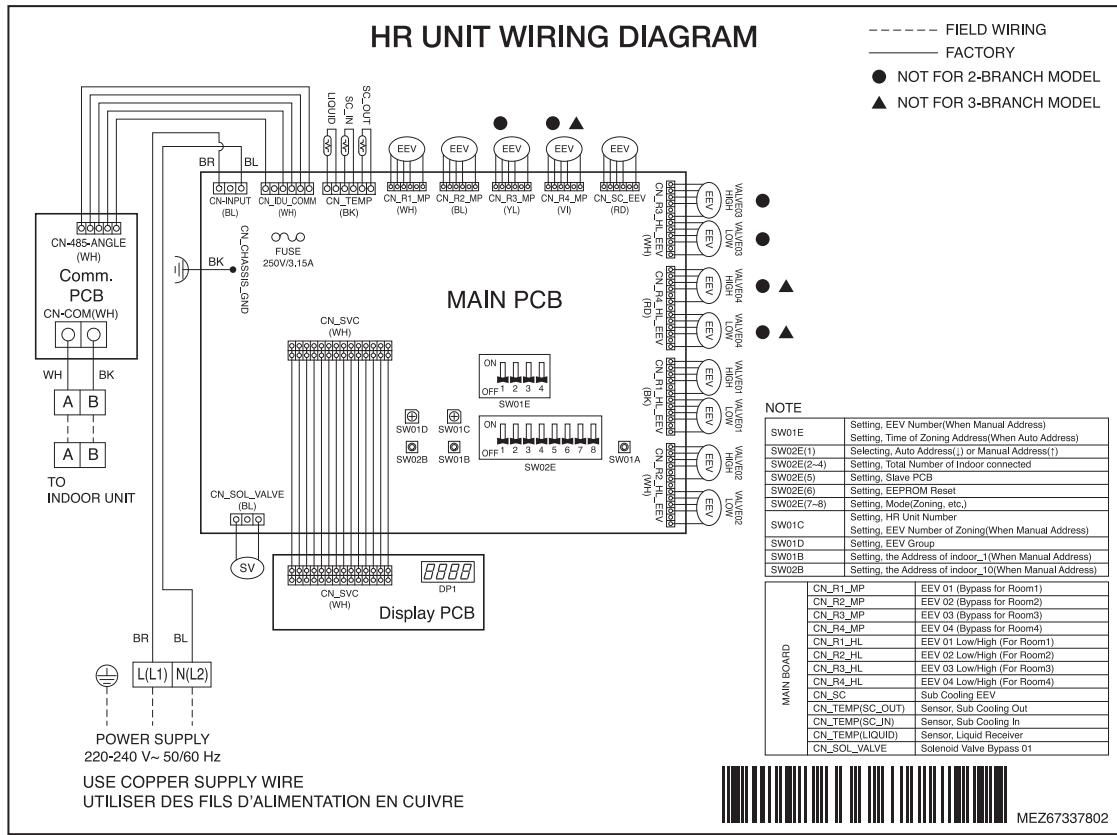
5. Piping Diagrams



- A : To be switched operation between cooling and heating by two valves
- B : To be used decreasing noise according to sub-cooling of inlet of indoor unit and outlet of indoor unit (Simultaneous operation)
- C : To prevent liquid charging between H/P gas valve and HR unit at cooling mode
- D : To be controlled the pressure between High and Low pressure pipe during operation switching

6. Wiring Diagrams

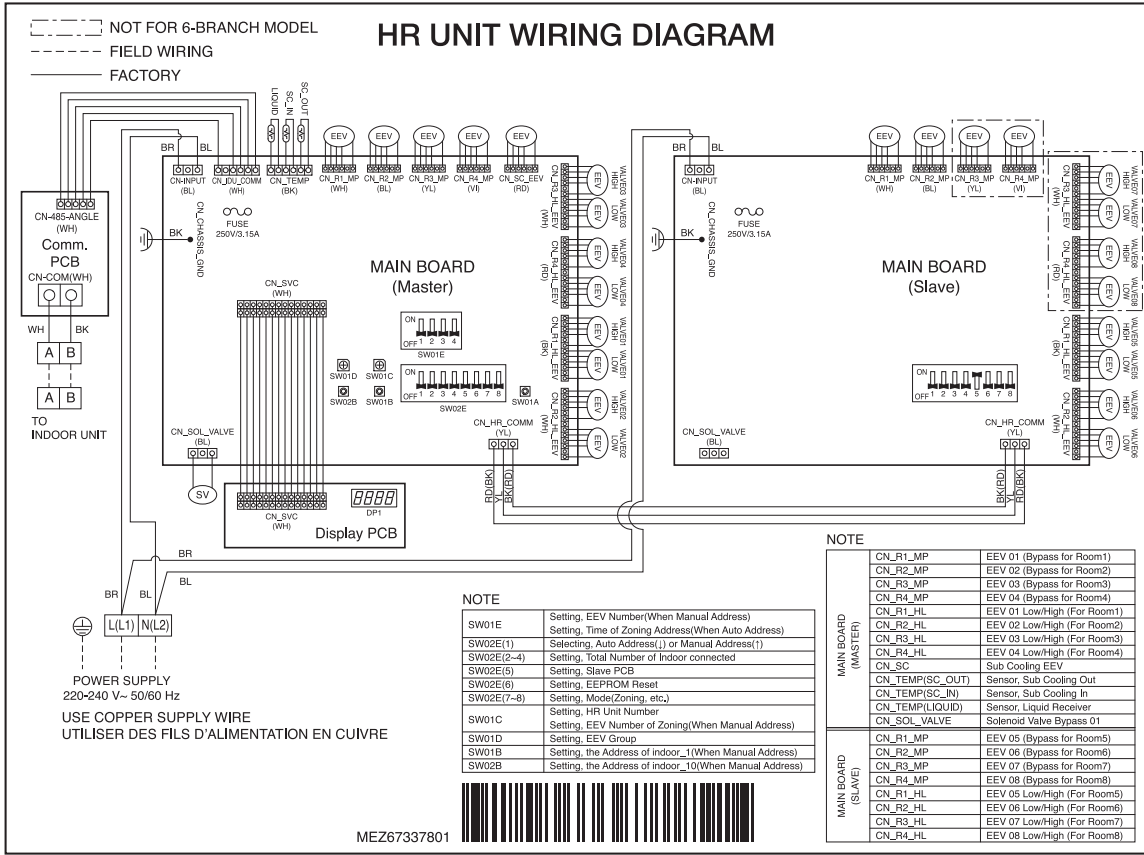
PRHR023, PRHR033, PRHR043



CONNECTOR NUMBER	FUNCTION
CN_R1_MP	EEV 01 (Bypass for Room1)
CN_R2_MP	EEV 02 (Bypass for Room2)
CN_R3_MP	EEV 03 (Bypass for Room3)
CN_R4_MP	EEV 04 (Bypass for Room4)
CN_R1_HL	EEV 01 Low/High (For Room1)
CN_R2_HL	EEV 02 Low/High (For Room2)
CN_R3_HL	EEV 03 Low/High (For Room3)
CN_R4_HL	EEV 04 Low/High (For Room4)
CN_SC	Sub Cooling LEV
CN_TEMP(SC_OUT)	Sensor, Sub Cooling Out
CN_TEMP(SC_IN)	Sensor, Sub Cooling In
CN_TEMP(LIQUID)	Sensor, Liquid Receiver
CN_SOL_VALVE	Solenoid Valve Bypass 01
SW01E	Setting, EEV Number (When Manual Address) Setting, Time of Zoning Address (When Auto Address)
SW02E(1)	Selecting, Auto Address (↓) or manual Address (↑)
SW02E(2~4)	Setting, Total Number of Indoor connected
SW02E(5)	Setting, Slave PCB
SW02E(6)	Setting, EEPROM Reset
SW02E(7~8)	Setting, Mode (Zoning, etc.)
SW01C	Setting, HR Unit Number Setting, EEV Number of Zoning (When Manual Address)
SW01D	Setting, EEV Group
SW01B	Setting, the Address of indoor_1 (When Manual Address)
SW02B	Setting, the Address of indoor_10 (When manual Address)

6. Wiring Diagrams

PRHR063, PRHR083



	CONNECTOR NUMBER	FUNCTION
MAIN BOARD (MASTER)	CN_R1_MP	EEV 01 (Bypass for Room1)
	CN_R2_MP	EEV 02 (Bypass for Room2)
	CN_R3_MP	EEV 03 (Bypass for Room3)
	CN_R4_MP	EEV 04 (Bypass for Room4)
	CN_R1_HL	EEV 01 Low/High (For Room1)
	CN_R2_HL	EEV 02 Low/High (For Room2)
	CN_R3_HL	EEV 03 Low/High (For Room3)
	CN_R4_HL	EEV 04 Low/High (For Room4)
	CN_SC	Sub Cooling EEV
	CN_TEMP(SC_OUT)	Sensor, Sub Cooling Out
	CN_TEMP(SC_IN)	Sensor, Sub Cooling In
	CN_TEMP(LIQUID)	Sensor, Sub Cooling Out
	CN_SEN_02 (SC_IN)	Sensor, Sub Cooling In
	CN_SEN_02 (LIQUID)	Sensor, Liquid Receiver
	CN_SOL_VALVE	Solenoid Valve Bypass 01
MAIN BOARD (SLAVE)	CN_R1_MP	EEV 05 (Bypass for Room5)
	CN_R2_MP	EEV 06 (Bypass for Room6)
	CN_R3_MP	EEV 07 (Bypass for Room7)
	CN_R4_MP	EEV 08 (Bypass for Room8)
	CN_R1_HL	EEV 05 Low/High (For Room5)
	CN_R2_HL	EEV 06 Low/High (For Room6)
	CN_R3_HL	EEV 07 Low/High (For Room7)
	CN_R4_HL	EEV 08 Low/High (For Room8)

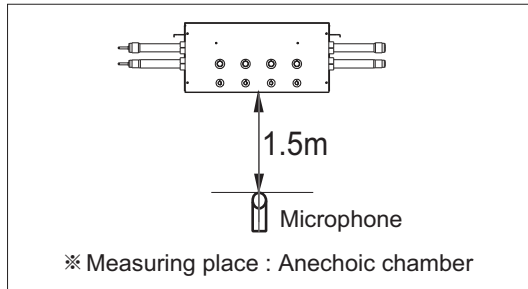
6. Wiring Diagrams

CONNECTOR NUMBER	FUNCTION
SW01E	Setting, EEV Number(When Manual Address)
	Setting, Time of Zoning Address(When Auto Address)
SW02E(1)	Selecting, Auto Address(↓) or Manual Address(↑)
SW02E(2~4)	Setting, Total Number of Indoor connected
SW02E(5)	Setting, Slave PCB
SW02E(6)	Setting, EEPROM Reset
SW02E(7~8)	Setting, Mode(Zoning, etc.)
SW01C	Setting, HR Unit Number
	Setting, EEV Number of Zoning(When Manual Address)
SW01D	Setting, EEV Group
SW01B	Setting, the Address of indoor_1(When Manual Address)
SW02B	Setting, the Address of indoor_10(When Manual Address)

7. Sound Levels

7.1 Sound pressure level

Overall

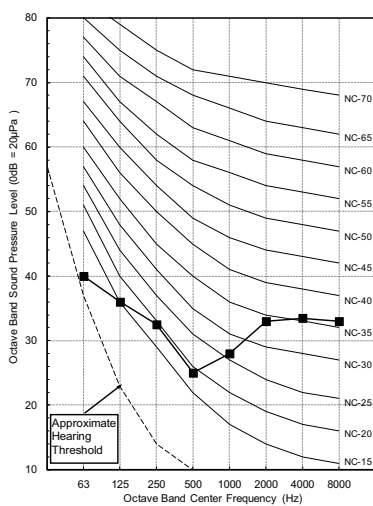


Note

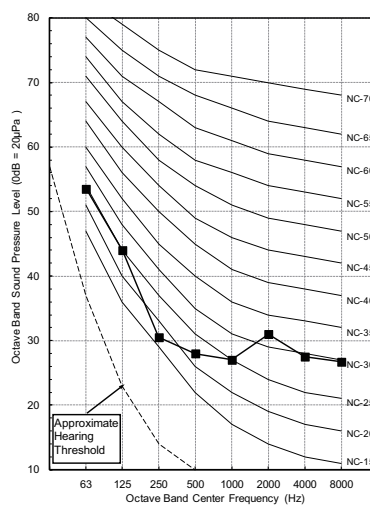
- Sound measured at 1.5m away from the center of the unit.
- Operating condition|
 - Power source : 220-240V 50Hz / 220V 60Hz
 - Cooling : Indoor temperature (27°C DB, 19°C WB), Outdoor temperature (35°C DB, 24°C WB)
 - Heating : Indoor temperature (20°C DB, 15°C WB), Outdoor temperature (7°C DB, 6°C WB)
- Reference acoustic pressure 0dB=20μPa.
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
- The changeover sound was measured by switching the mode of one indoor unit.
It could vary depending on the number of indoor units in operation, piping length and installation environment.

Operation Mode	50Hz, 220-240V
	Sound pressure Levels [dB(A)]
Cooling	30
Heating	30
Changeover : Cooling → Heating	33
Changeover : Heating → Cooling	38

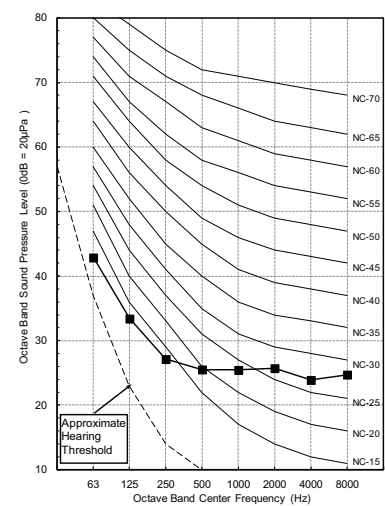
Cooling



Heating

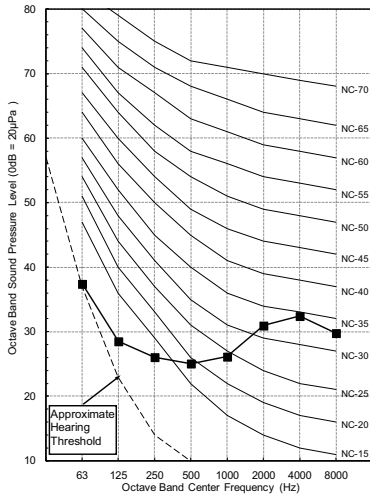


Changeover : Cooling → Heating



7. Sound Levels

Changeover : Heating → Cooling



MULTI VTM 5

Installation of Outdoor Units

- 1. Alternative Refrigerant R410A**
- 2. Select the Best Location**
- 3. Installation Space**
- 4. Lifting Method**
- 5. Installation**
- 6. Refrigerant piping Installation**
- 7. Refrigerant piping system**
- 8. Electrical Wiring**
- 9. Setting Function**

1. Alternative Refrigerant R410A

- The refrigerant R410A has the property of higher operating pressure in comparison with R22. Therefore, all materials have the characteristics of higher resisting pressure than R22 ones and this characteristic should also be considered during the installation.
R410A is an azeotrope of R32 and R125 mixed at 50:50, so the ozone depletion potential (ODP) of R410A is 0.
-

CAUTION

- The wall thickness of the piping should comply with the relevant local and national regulations for the designed pressure 3.8MPa
 - Since R410A is a mixed refrigerant, the required additional refrigerant must be charged in its liquid state. If the refrigerant is charged in its gaseous state, its composition changes and the system will not work properly.
 - Do not place the refrigerant container under the direct rays of the sun to prevent it from exploding.
 - For high-pressure refrigerant, any unapproved pipe must not be used.
 - Do not heat pipes more than necessary to prevent them from softening.
 - Be careful not to install wrongly to minimize economic loss because it is expensive in comparison with R22.
-

2. Select the Best Location

Select space for installing outdoor unit, which will meet the following conditions:

- No direct thermal radiation from other heat sources
- No possibility of annoying neighbors due to noise of unit
- No exposition to strong wind
- With strength which bears weight of unit
- Note that drain flows out of unit when heating
- Because of the possibility of fire, do not install unit to the space where generation, inflow, stagnation, and leakage of combustible gas is expected.
- Avoid unit installation in a place where acidic solution and spray (sulfur) are often used.
- Do not use unit under any special environment where oil, steam and sulfuric gas exist.
- It is recommended to fence round the outdoor unit in order to prevent any person or animal from accessing the outdoor unit.
- If installation site is area of heavy snowfall, then the following directions should be observed.
 - Make the foundation as high as possible.
 - Fit a snow protection hood.
- Select installation location considering following conditions to avoid bad condition when additionally performing defrost operation.
 1. Install the outdoor unit at a place well ventilated and having a lot of sunshine in case of installing the product at a place with a high humidity in winter (near beach, coast, lake, etc).
(Ex) Rooftop where sunshine always shines.
 2. Performance of heating will be reduced and pre-heat time of the indoor unit may be lengthened in case of installing the outdoor unit in winter at following location:
 - 1) Shade position with a narrow space
 - 2) Location with much moisture in neighboring floor.
 - 3) Location with much humidity around.
 - 4) Location where liquid gathers since the floor is not even.

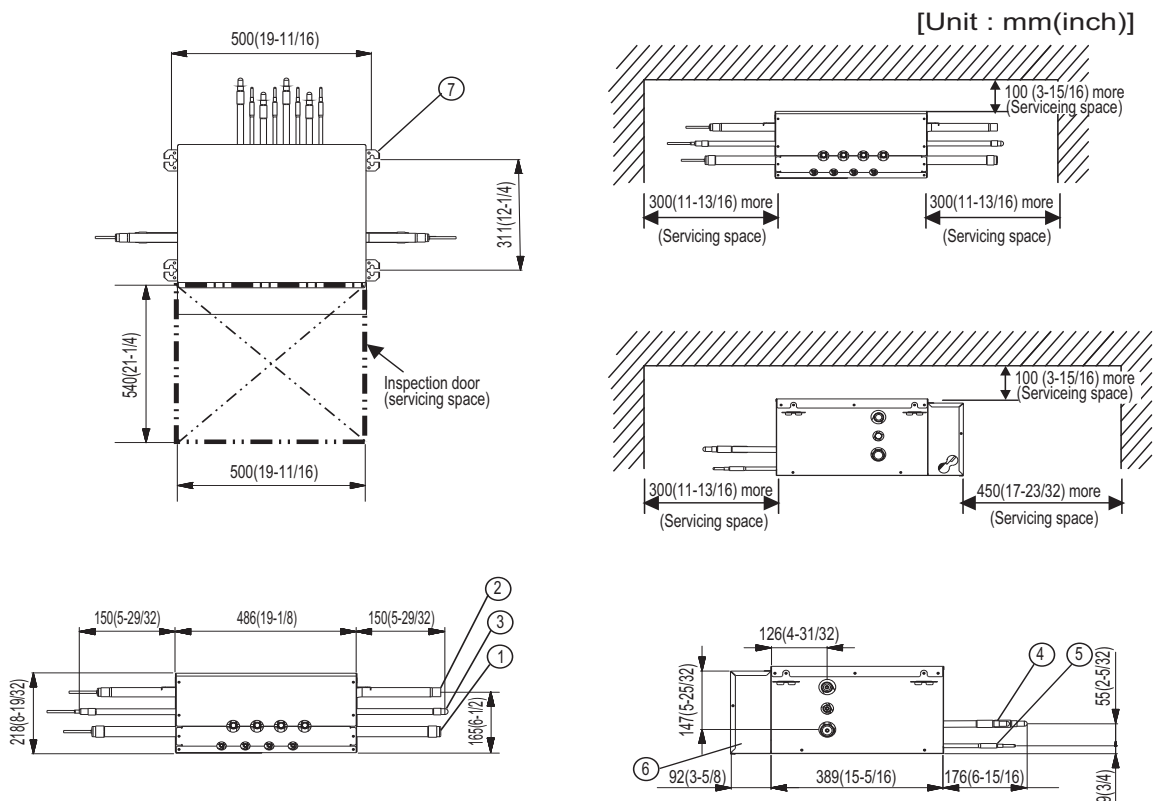
3. Installation Space

3.1 Individual Installation

■ Select installation location of the HR unit suitable for following conditions

- Avoid a place where rain may enter since the HR unit is for indoor.
- Sufficient service space must be obtained.
- Refrigerant pipe must not exceed limited length.
- Avoid a place subject to a strong radiation heat from other heat source.
- Avoid a place where oil spattering, vapor spray or high frequency electric noise is expected.
- Install the unit at a place in which it is not affected by operation noise. (Installation within cell such as meeting room etc. may disturb business due to noise.)
- Place where refrigerant piping, drain piping and electrical wiring works are easy.

PRHR023 / PRHR033 / PRHR043



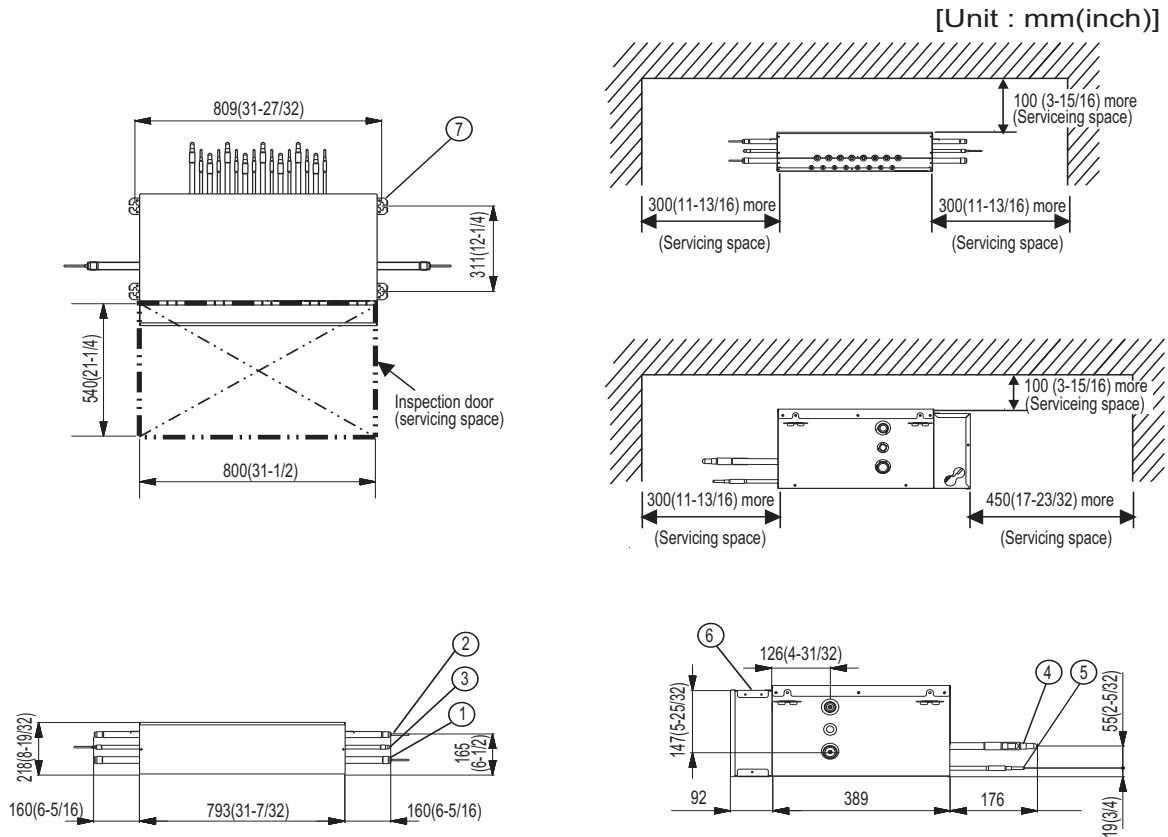
No.	Part Name	Description	
		PRHR033 / PRHR043	PRHR023
1	Low pressure Gas pipe connection port	Ø28.58(1-1/8) Brazing connection	Ø22.2(7/8) Brazing connection
2	High pressure Gas pipe connection port	Ø22.2(7/8) Brazing connection	Ø19.05(3/4) Brazing connection
3	Liquid pipe connection port	Ø15.88(5/8) Brazing connection(PRHR043) Ø12.7 Brazing connection(PRHR033)	Ø9.52(3/8) Brazing connection
4	Indoor unit Gas pipe connection port	Ø15.88(5/8)~Ø12.7(1/2) Brazing connection	Ø15.88(5/8)~Ø12.7(1/2) Brazing connection
5	Indoor unit Liquid pipe connection port	Ø9.52(3/8)~Ø6.35(1/4) Brazing connection	Ø9.52(3/8)~Ø6.35(1/4) Brazing connection
6	Control box	-	-
7	Hanger metal	Suspension bolt M10 or M8	Suspension bolt M10 or M8

Notice

1. Be sure to install the inspection door at the control box side.
2. If reducers are used, servicing space must be increased equal to reducer's dimension.

3. Installation Space

PRHR063 / PRHR083



No.	Part Name	Description
		PRHR063 / PRHR083
1	Low pressure Gas pipe connection port	Ø28.58(1-1/8) Brazing connection
2	High pressure Gas pipe connection port	Ø22.2(7/8) Brazing connection
3	Liquid pipe connection port	Ø15.88(5/8) Brazing connection
4	Indoor unit Gas pipe connection port	Ø15.88(5/8)~Ø12.7(1/2) Brazing connection
5	Indoor unit Liquid pipe connection port	Ø9.52(3/8)~Ø6.35(1/4) Brazing connection
6	Control box	-
7	Hanger metal	Suspension bolt M10 or M8

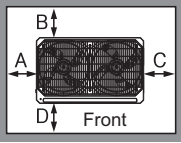
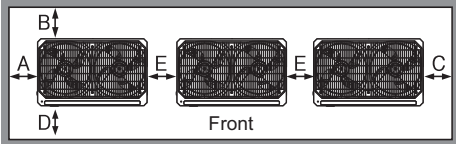
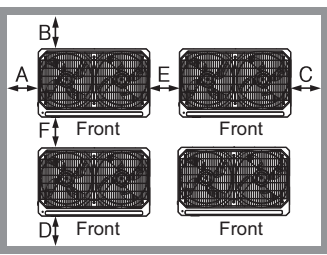
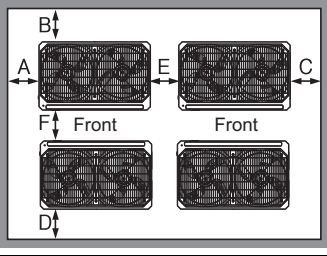
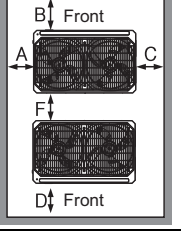
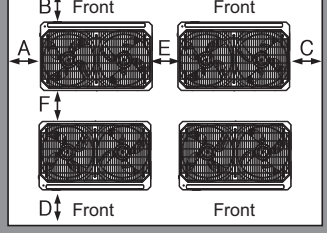
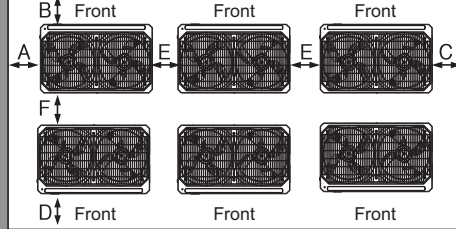
Notice

1. Be sure to install the inspection door at the control box side.
2. If reducers are used, servicing space must be increased equal to reducer's dimension.

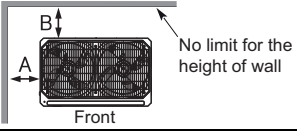
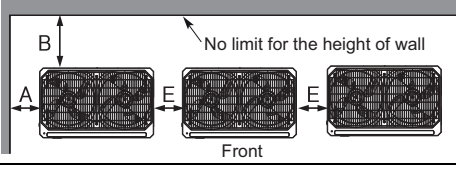
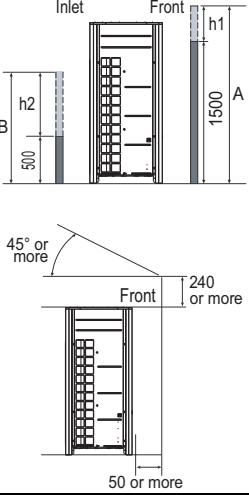
3. Installation Space

Required space around the unit

During the installation of the unit, consider service, inlet, and outlet and acquire the minimum space as shown in the figures below. Side space should be more than 49mm(1-15/16inch) for operating of Auto Dust Removal mode.

Category	Installation Space	Case 1 [Unit : mm(inch)] (10(13/32) ≤ Side Space ≤ 49(1-15/16))	Case 2 [Unit : mm(inch)] (Side Space ≥ 49(1-15/16))
4 sides are walls		A ≥ 10(13/32) B ≥ 300(11-13/16) C ≥ 10(13/32) D ≥ 500(19-11/16)	A ≥ 50(1-31/32) B ≥ 100(3-15/16) C ≥ 50(1-31/32) D ≥ 500(19-11/16)
		A ≥ 10(13/32) B ≥ 300(11-13/16) C ≥ 10(13/32) D ≥ 500(19-11/16) E ≥ 20(25/32)	A ≥ 50(1-31/32) B ≥ 100(3-15/16) C ≥ 50(1-31/32) D ≥ 500(19-11/16) E ≥ 100(3-15/16)
		A ≥ 10(13/32) B ≥ 300(11-13/16) C ≥ 10(13/32) D ≥ 500(19-11/16) E ≥ 20(25/32) F ≥ 600(23-5/8)	A ≥ 50(1-31/32) B ≥ 100(3-15/16) C ≥ 50(1-31/32) D ≥ 500(19-11/16) E ≥ 100(3-15/16) F ≥ 500(19-11/16)
		A ≥ 10(13/32) B ≥ 300(11-13/16) C ≥ 10(13/32) D ≥ 300(11-13/16) E ≥ 20(25/32) F ≥ 500(19-11/16)	A ≥ 50(1-31/32) B ≥ 100(3-15/16) C ≥ 50(1-31/32) D ≥ 100(3-15/16) E ≥ 100(3-15/16) F ≥ 500(19-11/16)
Rear to Rear		A ≥ 10(13/32) B ≥ 500(19-11/16) C ≥ 10(13/32) D ≥ 500(19-11/16) F ≥ 900(35-7/16)	A ≥ 50(1-31/32) B ≥ 500(19-11/16) C ≥ 50(1-31/32) D ≥ 500(19-11/16) F ≥ 600(23-5/8)
		A ≥ 10(13/32) B ≥ 500(19-11/16) C ≥ 10(13/32) D ≥ 500(19-11/16) E ≥ 20(25/32) F ≥ 1200(47-1/4)	A ≥ 50(1-31/32) B ≥ 500(19-11/16) C ≥ 50(1-31/32) D ≥ 500(19-11/16) E ≥ 100(3-15/16) F ≥ 900(35-7/16)
		A ≥ 10(13/32) B ≥ 500(19-11/16) C ≥ 10(13/32) D ≥ 500(19-11/16) E ≥ 20(25/32) F ≥ 1800(70-7/8)	A ≥ 50(1-31/32) B ≥ 500(19-11/16) C ≥ 50(1-31/32) D ≥ 500(19-11/16) E ≥ 100(3-15/16) F ≥ 1200(47-1/4)

3. Installation Space

Category	Installation Space	Case 1 (10mm ≤ Side Space ≤ 49mm)	Case 2 (Side Space ≥ 49mm)
Only 2 sides are walls		-	A ≥ 200(7-7/8) B ≥ 300(11-13/16)
		-	A ≥ 200(7-7/8) B ≥ 300(11-13/16) E ≥ 400(15-3/4)
Limitations on the height of the wall (Refer to 4 side walls)		<ul style="list-style-type: none"> The height of the wall on the front side must be 1500mm(59-1/16inch) or less. The height of the wall on the inlet side must be 500mm(19-11/16inch) or less. There is no limit to the wall on the side. If the height of the walls on the front and the side are higher than the limit, there must be additional space on the front and the side. <ul style="list-style-type: none"> Additional Space on the front side by 1/2 of h1. Additional Space on the inlet side by 1/2 of h2. h1 = A(Actual height) - 1500(59-1/16) h2 = B(Actual height) - 500(19-11/16) 	

■ Seasonal wind and cautions in winter

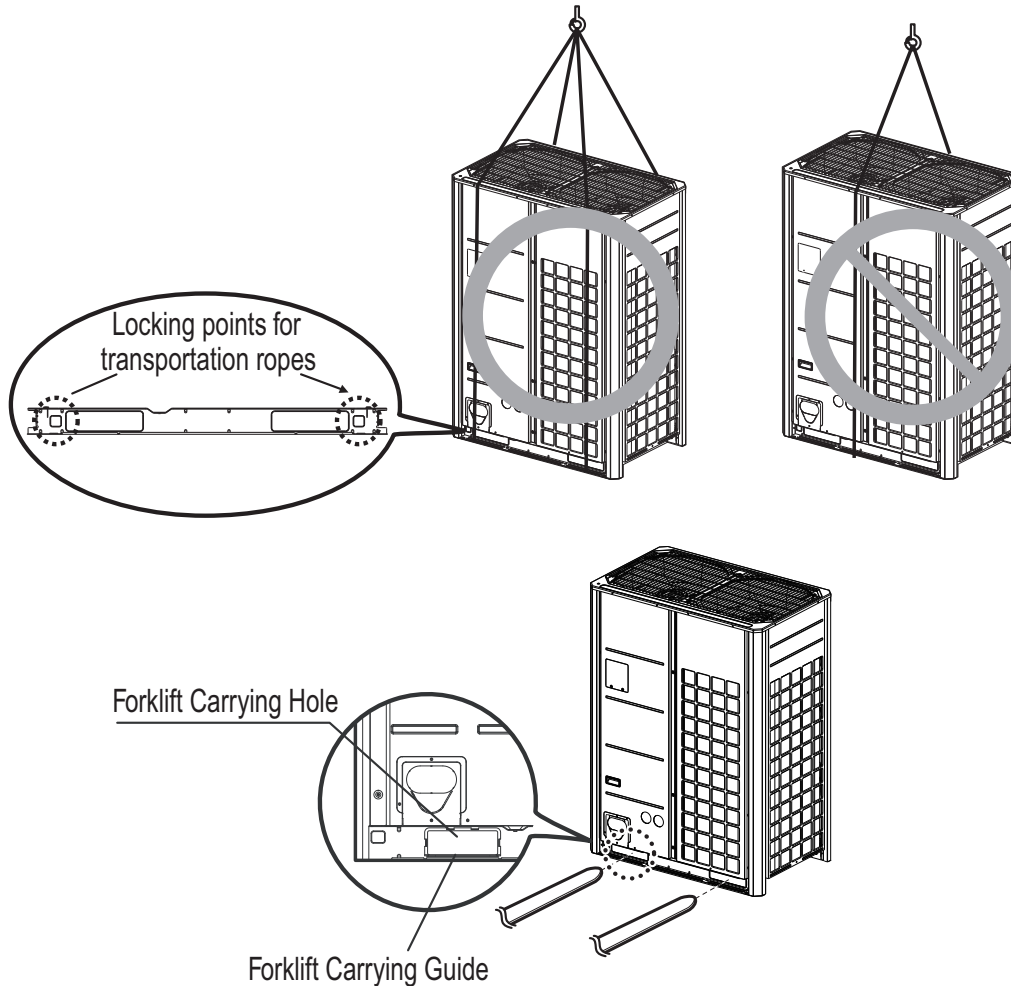
- Sufficient measures are required in a snow area or severe cold area in winter so that product can be operated well.
- Get ready for seasonal wind or snow in winter even in other areas.
- Install a suction and discharge duct not to let in snow or rain.
- Install the outdoor unit in such a way that it should not come in contact with snow directly. If snow piles up and freezes on the air suction hole, the system may malfunction. If it is installed at snowy area, attach the hood to the system.
- The raised support platform must be high enough to allow the unit to remain above possible snow drifts, and must be higher than the maximum anticipated snowfall for the location.
- Where snow accumulated on the upper part of the Outdoor Unit by more than 10cm(3-15/16inch), always remove snow for operation.

⚠ CAUTION

- Don't install the suction hole and discharge hole of the Outdoor Unit facing the seasonal wind.

4. Lifting Method

- When carrying the suspended, unit pass the ropes under the unit and use the two suspension points each at the front and rear.
- Always lift the unit with ropes attached at four points so that impact is not applied to the unit.
- Attach the ropes to the unit at an angle of 40° or less.



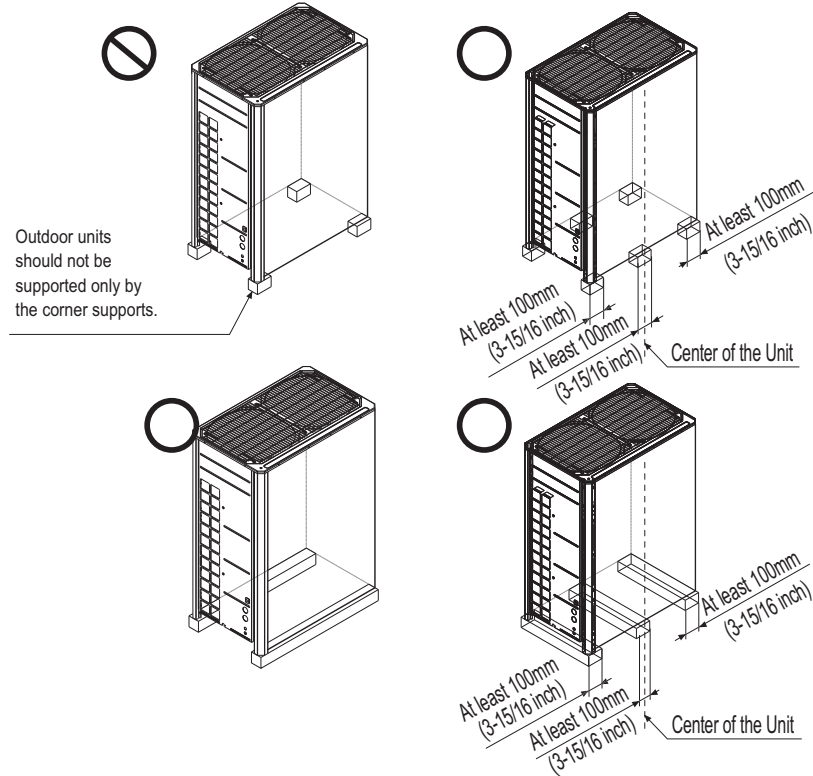
CAUTION

Be very careful while carrying the product.

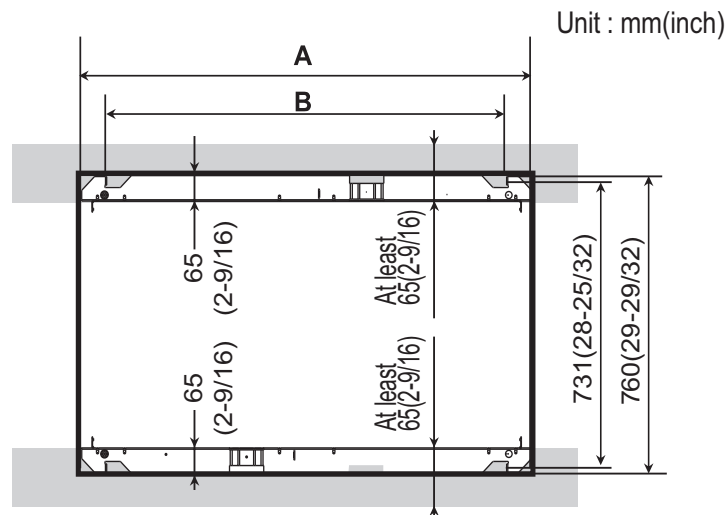
- Do not have only one person carry product if it is more than 20kg(441lbs).
- PP bands are used to pack some products. Do not use them as a mean for transportation because they are dangerous.
- Do not touch heat exchanger fins with your bare hands. Otherwise you may get a cut in your hands.
- Tear plastic packaging bag and scrap it so that children cannot play with it. Otherwise plastic packaging bag may suffocate children to death.
- When carrying in Outdoor Unit, be sure to support it at four points. Carrying in and lifting with 3-point support may make Outdoor Unit unstable, resulting in a fall.
- Use 2 belts of at least 8m(26.2ft) long.
- Place extra cloth or boards in the locations where the casing comes in contact with the sling to prevent damage.
- Hoist the unit making sure it is being lifted at its center of gravity.

5. Installation

- Install at places where it can endure the weight and vibration/noise of the outdoor unit.
- The outdoor unit support block at the bottom shall have width of at least 100mm(3-15/16inch) under the units legs before being fixed.
- The outdoor unit support block should have minimum height of 200mm(7-7/8inch).
- Anchor bolts must be inserted at least 75mm(2-15/16inch).



5.1 The location of the Anchor bolts

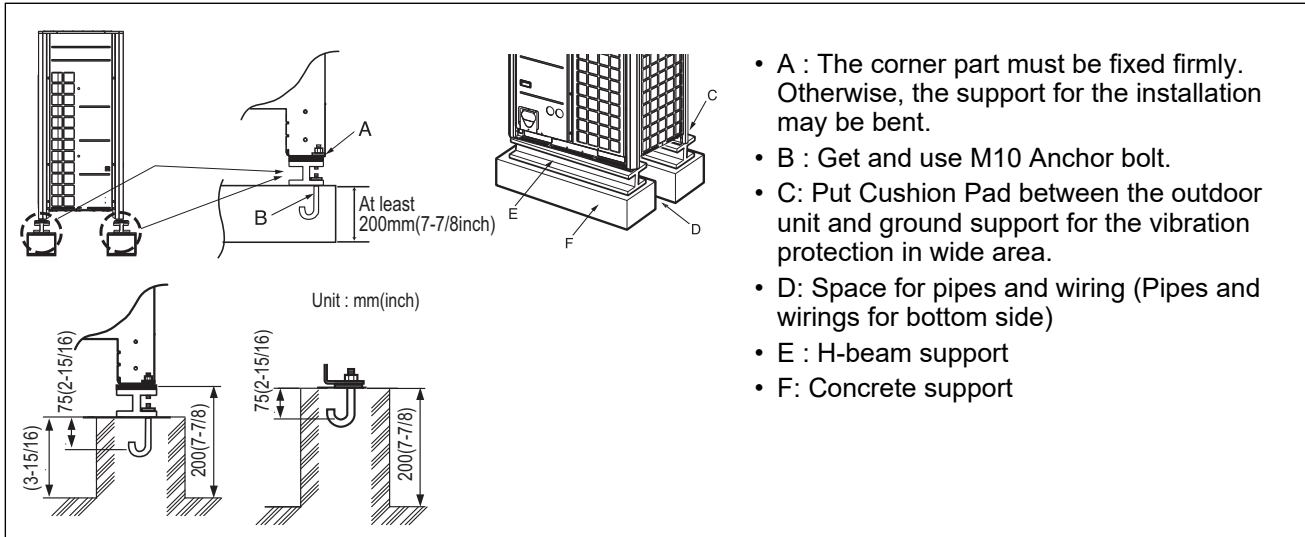


Chassis	A [mm(inch)]	B [mm(inch)]
UXA	930(36-5/8)	730(28-3/4)
UXB	1,240(48-13/16)	1,040(40-15/16)

5. Installation

5.2 Foundation for Installation

- Fix the unit tightly with bolts as shown below so that unit will not fall down due to earthquake or gust.
- Use the H-beam support as a base support
- Noise and vibration may occur from the floor or wall since vibration is transferred through the installation part depending on installation status. Thus, use anti-vibration materials (cushion pad) fully (The base pad shall be more than 200mm(7-7/8inch))

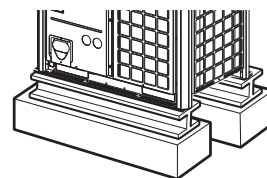


⚠ WARNING

- Install where it can sufficiently support the weight of the outdoor unit.
If the support strength is not enough, the outdoor unit may drop and hurt people.
- Install where the outdoor unit may not fall in strong wind or earthquake.
If there is a fault in the supporting conditions, the outdoor unit may fall and hurt people.
- Please take extra cautions on the supporting strength of the ground, liquid outlet treatment(treatment of the liquid flowing out of the outdoor unit in operation), and the passages of the pipe and wiring, when making the ground support.
- Do not use tube or pipe for liquid outlet in the Base pan. Use drainage instead for liquid outlet. The tube or pipe may freeze and the liquid may not be drained.

⚠ CAUTION

- Be sure to remove the MDF(wood support) of the bottom side of the outdoor unit Base Pan before fixing the bolt. It may cause the unstable state of the outdoor settlement, and may cause freezing of the heat exchanger resulting in abnormal operations.
- Be sure to remove the MDF(wood support) of the bottom side of the outdoor unit before welding. Not removing MDF causes hazard of fire during welding.



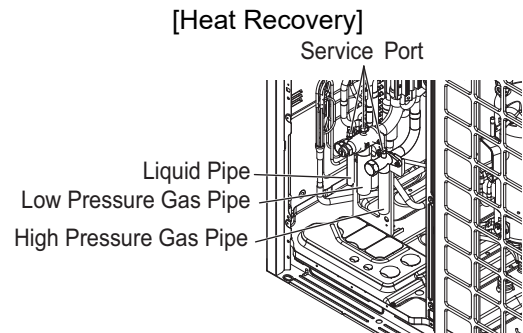
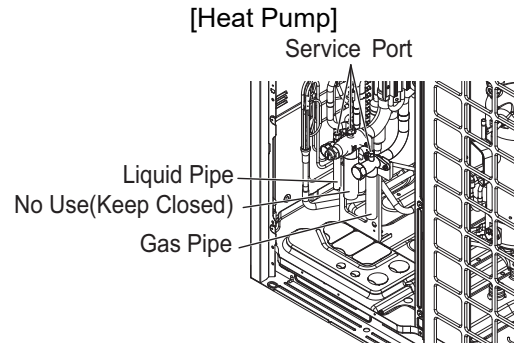
Pallet(Wood Support)
- Remove before Installation

6. Refrigerant piping Installation

6.1 Precautions on Pipe connection / Valve operation

Pipe connection is done by connecting from the end of the pipe to the branching pipes, and the refrigerant pipe coming out of the outdoor unit is divided at the end to connect to each indoor unit. Flare connection for the indoor unit, and welding connection for the outdoor pipe and the branching parts.

- Use hexagonal wrench to open/close the valve.
- In case of installing as heat pump system, be sure to maintain to close no use pipe like below picture.



⚠ WARNING

- Always careful not to leak the refrigerant during welding.
- The refrigerant generates poisonous gas harmful to human body if combusted.
- Do not perform welding in a closed space.
- Be sure to close the cap of the service port to prevent gas leakage after the work.

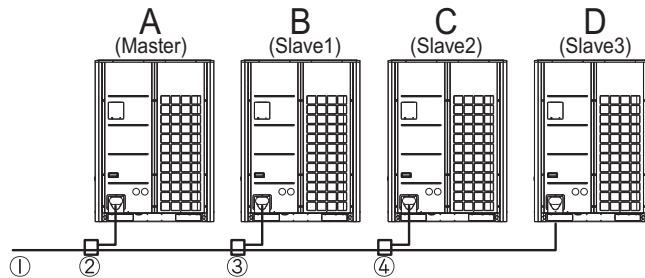
⚠ CAUTION

Please block the pipe knock outs of the front and side panels after installing the pipes.
(Animals or foreign objects may be brought in to damage the cables.)

6. Refrigerant piping Installation

6.2 Connection of Outdoor units

When installing outdoor unit series, refer below picture.



A≥B≥C≥D

- ① Indoor unit side connection pipe
- ② Outdoor unit to outdoor unit connection pipe (1st branch)
- ③ Outdoor unit to outdoor unit connection pipe (2st branch)
- ④ Outdoor unit to outdoor unit connection pipe (3rd branch)

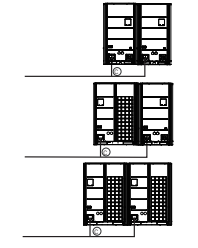
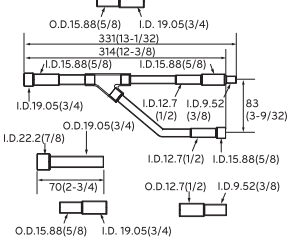
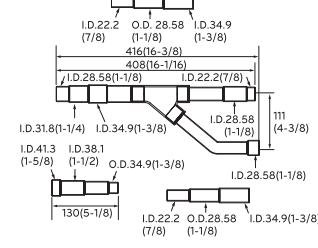
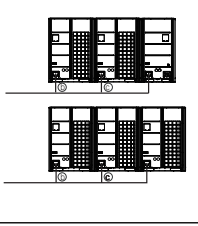
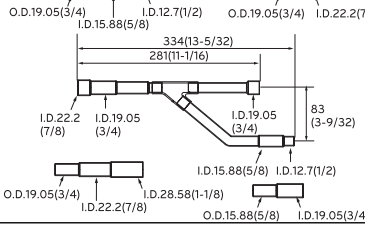
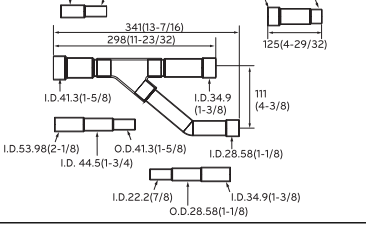
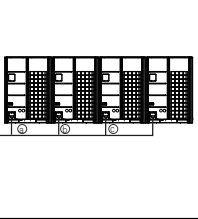
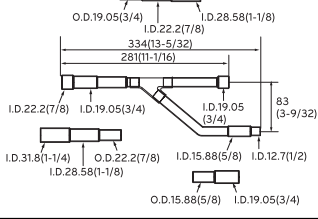
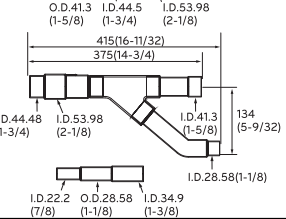
■ Heat Recovery System

Outdoor unit	Model	Low Pressure Gas pipe [unit:mm(inch)]	Liquid pipe [unit:mm(inch)]	High Pressure Gas pipe [unit:mm(inch)]
2 unit	ARC C NB21			
3 unit	ARC b NB31			
4 unit	ARC a NB41			

For more information including installation method of connection pipe, refer accessory installation manual.

6. Refrigerant piping Installation

Heat Pump System

Outdoor unit	Model	Liquid pipe [unit:mm(inch)]	Gas pipe [unit:mm(inch)]
<p>2 unit</p> 	<p>③ ARCNN21</p>		
<p>3 unit</p> 	<p>④ ARCNN31</p>		
<p>4 unit</p> 	<p>⑤ ARCNN41</p>		

For more information including installation method of connection pipe, refer accessory installation manual.

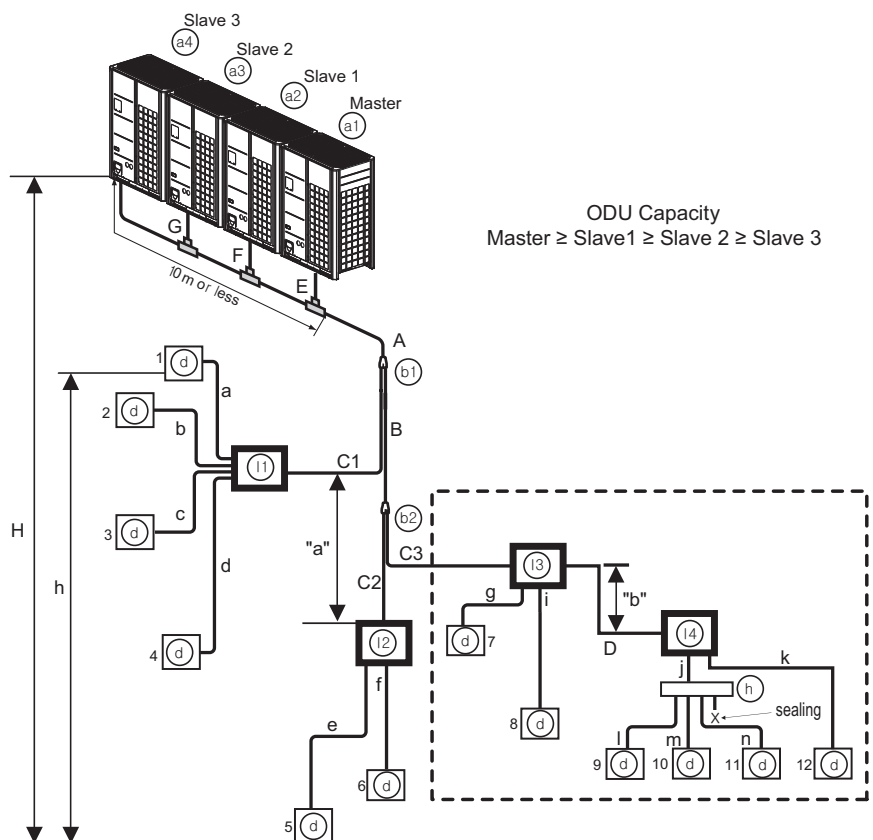
7. Refrigerant piping system

7.1 Pipe Connection Method between outdoor unit/indoor unit

7.1.1 Heat Recovery System : 4 Outdoor Units

Example : 12 Indoor Units connected

- Ⓐ Outdoor Unit
- Ⓑ Y branch
- Ⓓ Indoor Units
- E : Connection branch pipe between Outdoor units : ARCNB41
- F : Connection branch pipe between Outdoor units : ARCNB31
- G: Connection branch pipe between Outdoor units : ARCNB21
- Ⓗ Header
- Ⓘ HR Unit



- Case 1 ("a") : Maximum height is 30m(98.4ft) if you install with Y branch.
- Case 2 ("b") : Maximum height is 5m(16.4ft) in serial connection of HR units.

⚠ WARNING

- Branch pipe can not be used after header
- It is recommended that difference in length of the pipes connected to the indoor units (a~f) is minimized. The large difference in pipe lengths, the more different performance between indoor units.
- * : Serial connection of HR units : Capacity sum of indoor units ≤ 230 kBtu/h
If the large capacity indoor units (Over 5 HP; using over $\varnothing 15.88/\varnothing 9.52$) are installed, it should be used the Valve Group setting.
- Refer to the HR unit PCB part for the valve group control setting.
- Piping length from outdoor branch to outdoor unit ≤ 10 m(32.8ft), equivalent length : max 13m(42.7ft) (for 2 units combination or more)

7. Refrigerant piping system

■ Total pipe length = A+B+C1+C2+C3+D+a+b+c+d+e+f+g+i+j+k+l+m+n ≤ 1,000

Max. pipe length	Total pipe length (A+B+C1+C2+C3+D+a+b+c+d+e+f+g+i+j+k+l+m+n)		1,000m [3,281ft]
	L	Longest pipe length (A+B+C3+D+k) : between Outdoor Unit and Indoor Unit	150m [492ft] (200m [656ft]**)
		Longest pipe Equivalent length* : between Outdoor Unit and Indoor Unit	175m [574ft] (225m [738ft]**)
/	Longest pipe length after 1st branch		40m [131ft] (90m [295ft]**)
Max. difference in height	H	Between Outdoor Unit and Indoor Unit	110m [361ft]
	h	Between Indoor Unit and Indoor Unit	40m [131ft]
	h1	Between Outdoor Unit and Outdoor Unit	5m [16.4ft]
	h2	Between Indoor Unit and HR Unit	15m [49.2ft]
	a	Between HR Unit and HR Unit	30m [98.4ft]
	b	Between HR Unit and HR Unit within same branch	5m [16.4ft]

Note

- * : Assume equivalent piping length of Y branch to be 0.5m (1.64ft), that of header to be 1m (3.28ft), calculation purpose.
- ** : To apply Conditional Application

WARNING

When the any one (or both) of below conditions are satisfied, the diameter of main pipe (A) must be increased according to below table.

- The equivalent length between outdoor unit and the farthest indoor unit is 90m (295ft) or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (Outdoor unit ↔ Indoor unit) is 50m (164ft) or more (Only liquid pipe is increased)

■ Refrigerant pipe diameter from outdoor unit to first branch. (A)

Upward Outdoorunit total capacity	Standard Pipe Diameter			When equivalent pipe length is 90m(295ft) or more from ODU to farthest IDU			
	HP	Liquid pipe[mm(inch)]	Low Pressure Gaspipe [mm(inch)]	High Pressure Gaspipe [mm(inch)]	Liquid pipe[mm(inch)]	Low Pressure Gaspipe [mm(inch)]	High Pressure Gaspipe [mm(inch)]
8	Ø 9.52 (3/8)	Ø 19.05 (3/4)	Ø 15.88 (5/8)	Ø 12.7 (1/2)	Not increased	Not increased	
10	Ø 9.52 (3/8)	Ø 22.2 (7/8)	Ø 19.05 (3/4)	Ø 12.7 (1/2)	Not increased	Not increased	
12	Ø 12.7 (1/2)	Ø 28.58 (1-1/8)	Ø 19.05 (3/4)	Ø 15.88 (5/8)	Not increased	Not increased	
14 ~ 16	Ø 12.7 (1/2)	Ø 28.58 (1-1/8)	Ø 22.2 (7/8)	Ø 15.88 (5/8)	Not increased	Not increased	
18 ~ 20	Ø 15.88 (5/8)	Ø 28.58 (1-1/8)	Ø 22.2 (7/8)	Ø 19.05 (3/4)	Not increased	Not increased	
22	Ø 15.88 (5/8)	Ø 28.58 (1-1/8)	Ø 28.58 (1-1/8)	Ø 19.05 (3/4)	Not increased	Not increased	
24	Ø 15.88 (5/8)	Ø 34.9 (1-3/8)	Ø 28.58 (1-1/8)	Ø 19.05 (3/4)	Not increased	Not increased	
26 ~ 34	Ø 19.05 (3/4)	Ø 34.9 (1-3/8)	Ø 28.58 (1-1/8)	Ø 22.2 (7/8)	Not increased	Not increased	
36	Ø 19.05 (3/4)	Ø 41.3 (1-5/8)	Ø 28.58 (1-1/8)	Ø 22.2 (7/8)	Not increased	Not increased	
38 ~ 60	Ø 19.05 (3/4)	Ø 41.3 (1-5/8)	Ø 34.9 (1-3/8)	Ø 22.2 (7/8)	Not increased	Not increased	
62 ~ 64	Ø 22.2 (7/8)	Ø 41.3 (1-5/8)	Ø 34.9 (1-3/8)	Ø 25.4 (1) *	Not increased	Not increased	
66 ~ 96	Ø 22.2 (7/8)	Ø 53.98 (2-1/8)	Ø 41.3 (1-5/8)	Ø 25.4 (1) *	Not increased	Not increased	

Note

- * : If available on site, select pipe size from the pipe diameter table according to capacity. Otherwise it doesn't need to be increased.
- Model line up could be different in accordance with target region.

7. Refrigerant piping system

■ Refrigerant pipe diameter from branch to branch (B,C)

Downward indoorunit total capacity[kW(Btu/h)]	Liquid pipe[mm(inch)]	Gas pipe [mm(inch)]	
		Low pressure	High pressure
≤ 5.6(19,100)	Ø6.35(1/4)	Ø12.7(1/2)	Ø9.52(3/8)
< 16.0 (54,600)	Ø9.52(3/8)	Ø15.88(5/8)	Ø12.7(1/2)
< 22.4 (76,400)	Ø9.52(3/8)	Ø19.05(3/4)	Ø15.88(5/8)
< 33.6(114,700)	Ø9.52(3/8)	Ø22.2(7/8)	Ø19.05(3/4)
< 50.4(172,000)	Ø12.7(1/2)	Ø28.58(1-1/8)	Ø22.2(7/8)
< 67.2(229,300)	Ø15.88(5/8)	Ø28.58(1-1/8)	Ø22.2(7/8)
< 72.8(248,400)	Ø15.88(5/8)	Ø34.9(1-3/8)	Ø28.58(1-1/8)
< 100.8(344,000)	Ø19.05(3/4)	Ø34.9(1-3/8)	Ø28.58(1-1/8)
< 173.6(592,500)	Ø19.05(3/4)	Ø41.3(1-5/8)	Ø34.9(1-3/8)
< 184.8(630,700)	Ø22.2(7/8)	Ø41.3(1-5/8)	Ø34.9(1-3/8)
≤ 291.2(993,600)	Ø22.2(7/8)	Ø53.98(2-1/8)	Ø44.5(1-3/4)

■ (**) Conditional Application

If the below conditions are satisfied, limit of longest pipe length after 1st branch(*l*) could be extended by 40m (131ft)→ 90m(295ft).

1. Pipe diameter Size Up

Pipe diameter(only Liquid/low pressure gas pipes) between 1st branch and last branch(HR unit) is increased by one step. If the pipe diameter of B, C3 is same as A, it is not necessary.

: Ø 6.35 → Ø 9.52 → Ø 12.7 → Ø 15.88 → Ø 19.05 → Ø 22.2 → ...

If available on site, select pipe size from the pipe diameter table according to capacity.

Otherwise it doesn't need to be increased.

2. Correction for calculating the total pipe length

When calculating total pipe length, pipe B,C,D length should be calculated twice.

: $A + B \times 2 + C3 \times 2 + D \times 2 + C1 + C2 + a + b + c + d + e + f + g + i + j + k + l + m + n \leq 1,000\text{m (3,281ft)}$

3. Indoor unit pipe length

Length of pipe from each indoor unit to the closest HR unit (a, b, c, d, e, f, g, i, j, k, l, m, n) ≤ 40m (131ft).

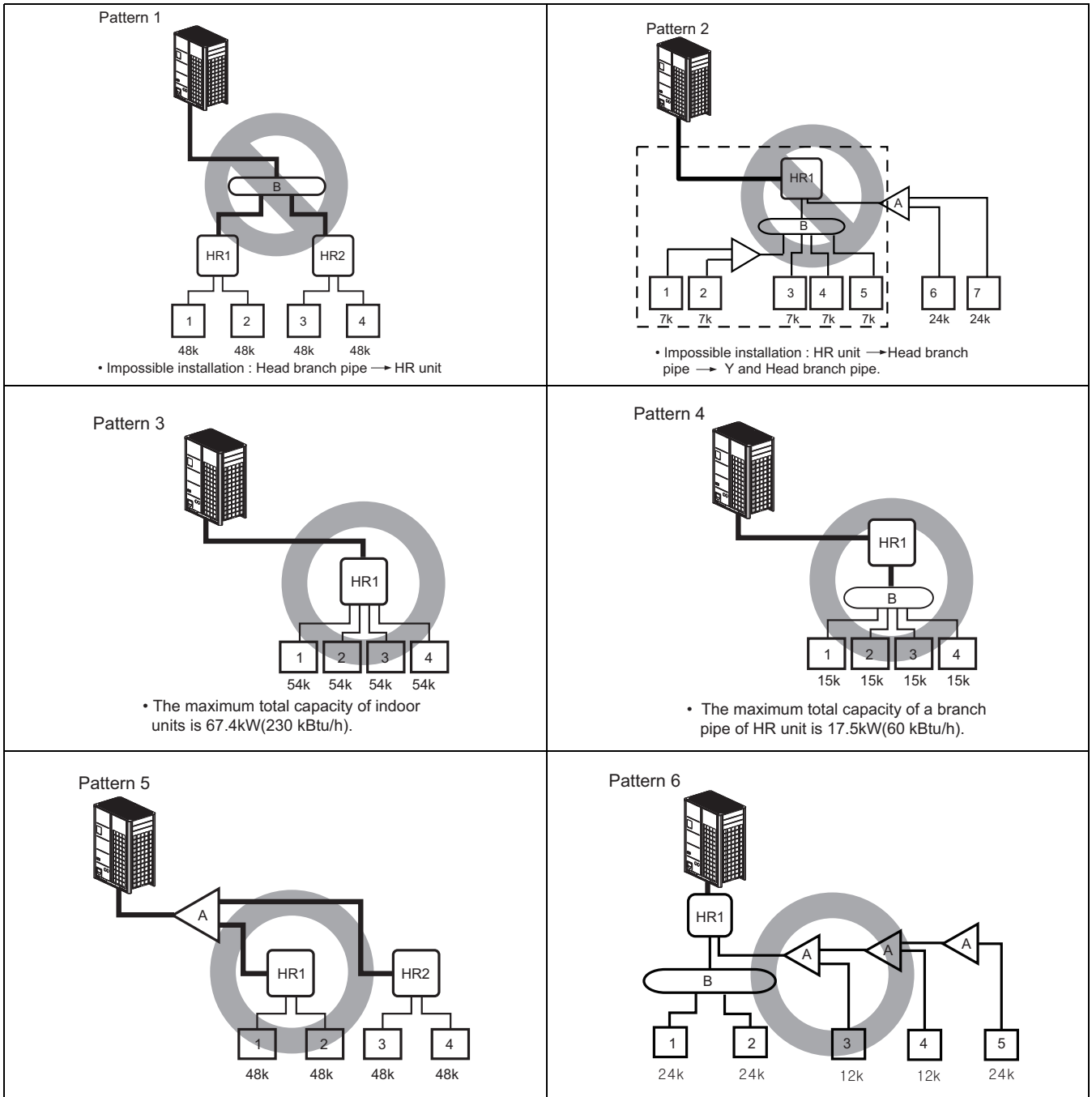
4. Difference in length between outdoor unit and the farthest or closest indoor unit

[Length of pipe from outdoor unit to the farthest indoor unit 12 (B + C3 + D + k)]

- [Length of pipe from outdoor unit to the closest indoor unit 1 (C1 + a)] ≤ 40m (131ft)

7. Refrigerant piping system

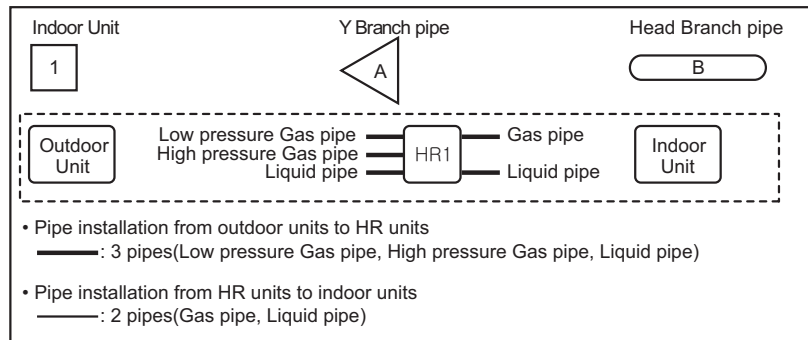
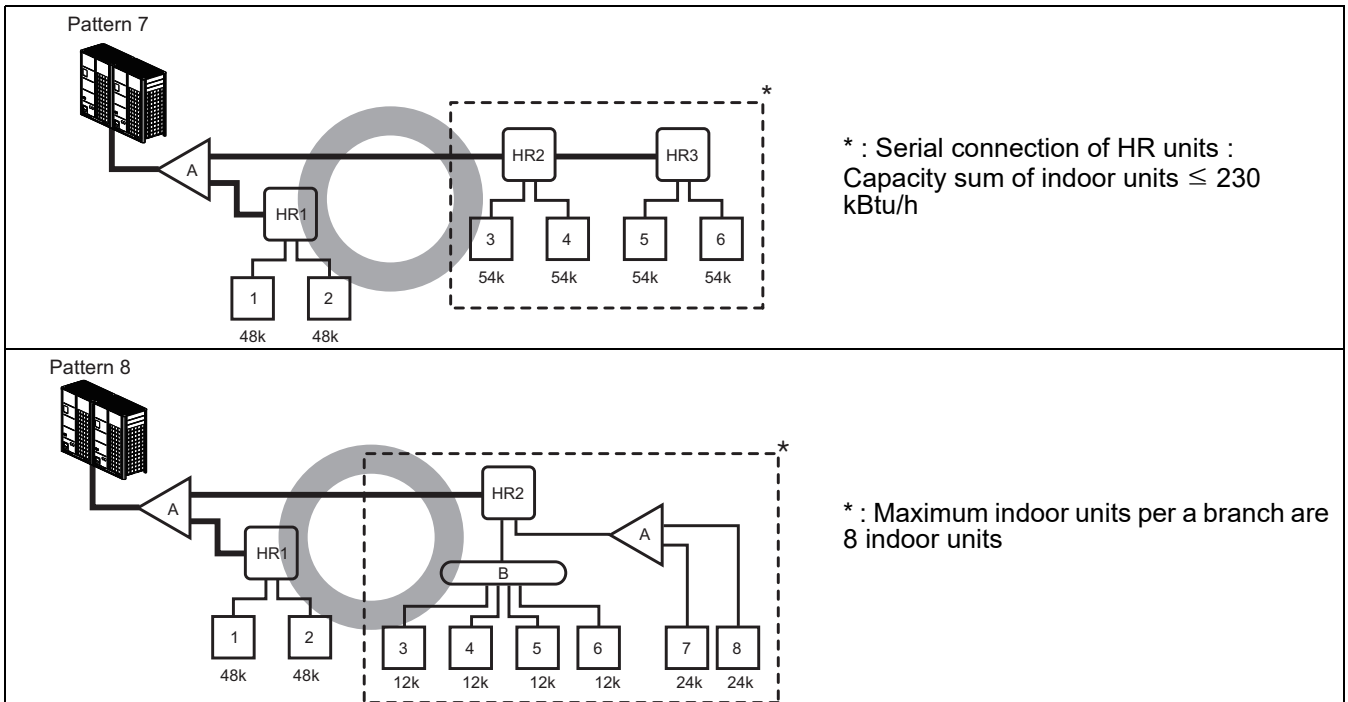
Y branch, Header and HR unit connection pattern



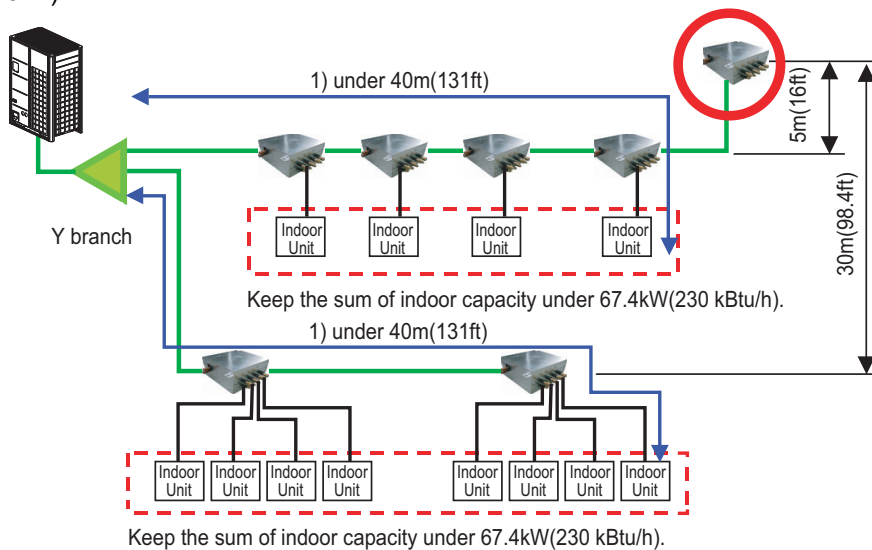
Note

- If the large capacity(76kBtu/h and 96kBtu/h unit) indoor units are installed, two neighboring outlets of one HR unit are linked by Y branch pipe and connected to one indoor unit.

7. Refrigerant piping system



- Keep the 40m(131ft) distance from the first branch to the farthest indoor.



Note

- If the large capacity(76kBTu/h and 96kBTu/h grade) indoor units are installed, two neighboring outlets of one HR unit are linked by Y branch pipe and connected to one indoor unit.

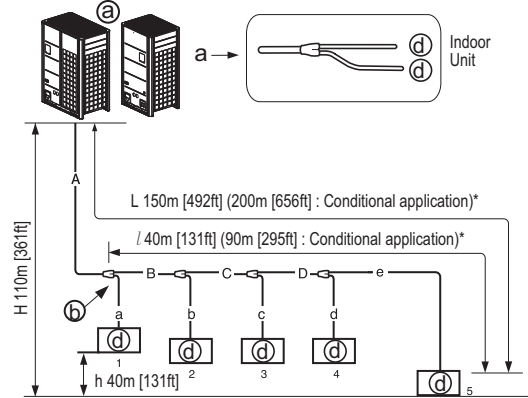
7. Refrigerant piping system

7.1.2 Heat Pump System

■ Single Outdoor Unit Connection

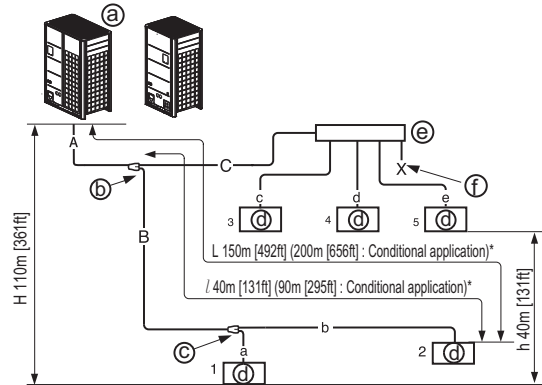
Y branch method

- Ⓐ Outdoor Unit
- Ⓑ 1st branch (Y branch)
- Ⓓ Indoor Units



Combination of Y branch / header method

- Ⓐ Outdoor Unit
- Ⓑ 1st branch (Y branch)
- Ⓒ Y branch
- Ⓓ Indoor Units
- Ⓔ Header
- Ⓕ Sealed piping



Header method

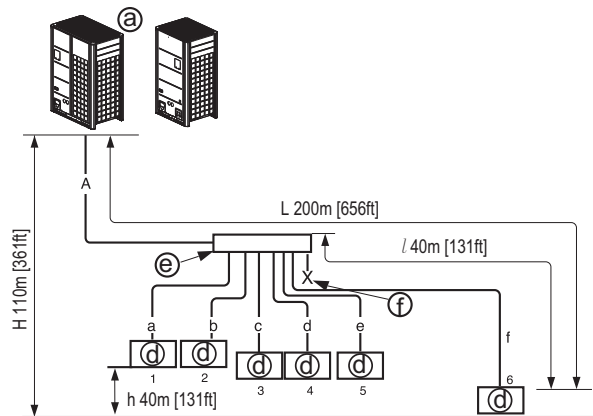
- Ⓐ Outdoor Unit
- Ⓓ Indoor Units
- Ⓔ Header
- Ⓕ Sealed piping

⚠ WARNING

Pipe length after header branching

- It is recommended that difference in length of the pipes connected to the indoor units (a~f) is minimized.

Performance difference between indoor units may occur.



⚠ WARNING

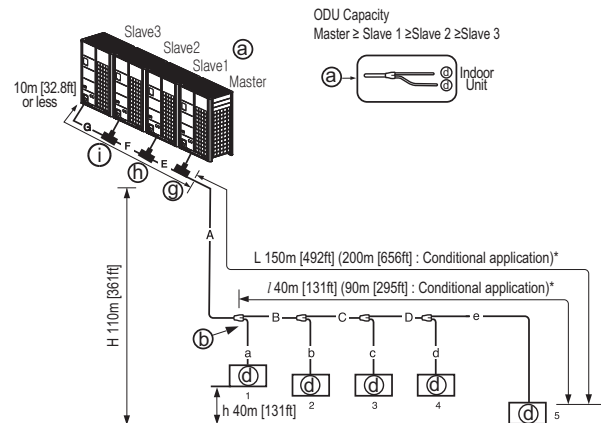
- Branch pipe can not be used after header

7. Refrigerant piping system

Series Outdoor Unit Connection

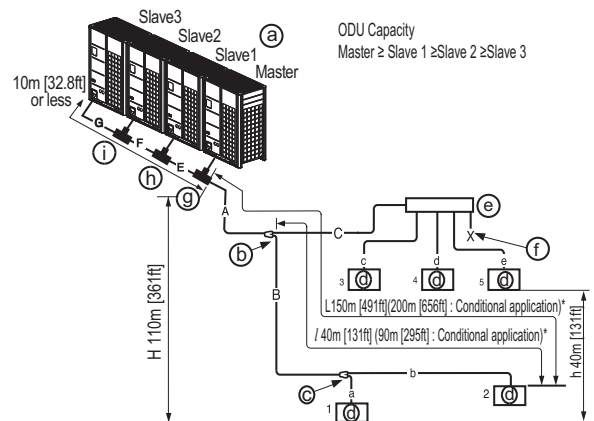
Y branch method

- Ⓐ Outdoor Unit
- Ⓑ 1st branch (Y branch)
- Ⓓ Indoor Units
- Ⓔ Connection branch pipe between outdoor units (ARCNN41)
- Ⓕ Connection branch pipe between outdoor units (ARCNN31)
- Ⓖ Connection branch pipe between outdoor units (ARCNN21)



Combination of Y branch / header Method

- Ⓐ Outdoor Unit
- Ⓑ 1st branch (Y branch)
- Ⓒ Y branch
- Ⓓ Indoor Units
- Ⓔ Header
- Ⓕ Sealed piping
- Ⓖ Connection branch pipe between outdoor units (ARCNN41)
- Ⓕ Connection branch pipe between outdoor units (ARCNN31)
- Ⓖ Connection branch pipe between outdoor units (ARCNN21)



Header Method

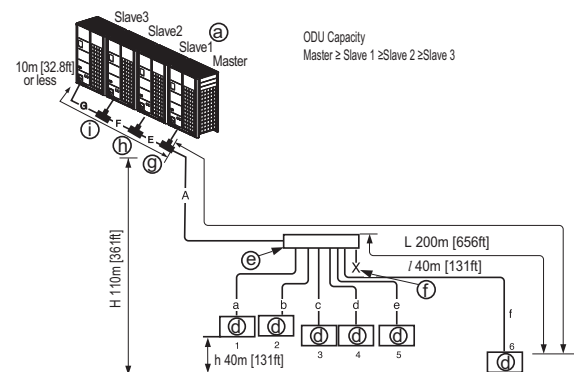
- Ⓐ Outdoor Unit
- Ⓓ Indoor Units
- Ⓔ Header
- Ⓕ Sealed piping
- Ⓖ Connection branch pipe between outdoor units (ARCNN41)
- Ⓕ Connection branch pipe between outdoor units (ARCNN31)
- Ⓖ Connection branch pipe between outdoor units (ARCNN21)

⚠ WARNING

Pipe length after header branching

- It is recommended that difference in length of the pipes connected to the indoor units (a~f) is minimized.

Performance difference between indoor units may occur.



⚠ WARNING

- Branch pipe can not be used after header

➤ Maximum number of connectable units could be different in accordance with model line up of target region.

7. Refrigerant piping system

■ Limits of pipe length and difference in height

Connection method		Y branch only	Combination of Y branch/header	Header only
Max. pipe length	Longest pipe length (L) : between Outdoor Unit and Indoor Unit	$A+B+C+D+e \leq 150\text{m}$ [492ft] (200m [656ft]**)	$A+B+b \leq 150\text{m}$ [492ft]) (200m [656ft]**) $A+C+e \leq 150\text{m}$ [492ft] (200m [656ft]**)	$A+f \leq 200\text{m}$ [656ft]
	Longest pipe equivalent length* (L) : between Outdoor Unit and Indoor Unit	175m [574ft] (225m [738ft]**)	175m [574ft] (225m [738ft]**)	225m [738ft]
	Longest pipe length after 1st branch (l)	40m [131ft] (90m [295ft]**)	40m [131ft] (90m [295ft]**)	40m [131ft]
	Total pipe length	1,000m [3,281ft]	1,000m [3,281ft]	1,000m [3,281ft]
Max. difference in height	Difference in height (H) : between Outdoor Unit and Indoor Unit	110m [361ft]	110m [361ft]	110m [361ft]
	Difference in height (h) : between Indoor Unit and Indoor Unit	40m [131ft]	40m [131ft]	40m [131ft]

Note

- * : Assume equivalent piping length of Y branch to be 0.5m (1.64ft), that of header to be 1m (3.28ft), calculation purpose.
- ** : To apply Conditional Application

WARNING

When the any one (or both) of below conditions are satisfied, the diameter of main pipe (A) must be increased according to below table.

- The equivalent length between outdoor unit and the farthest indoor unit is 90m (295ft) or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (Outdoor unit ↔ Indoor unit) is 50m (164ft) or more (Only liquid pipe is increased)

■ Refrigerant pipe diameter from outdoor unit to first branch. (A)

Upward Outdoor unit total capacity	Standard Pipe Diameter		Increased Pipe Diameter			
			When equivalent pipe length is 90m or more from ODU to farthest IDU		When level difference is 50m or more	
HP	Liquid pipe [mm(inch)]	Gas pipe [mm(inch)]	Liquid pipe [mm(inch)]	Gas pipe [mm(inch)]	Liquid pipe [mm(inch)]	Gas pipe [mm(inch)]
8	Ø 9.52(3/8)	Ø 19.05(3/4)	Ø 12.7(1/2)	Ø 22.2(7/8)	Ø 12.7(1/2)	not increased
10	Ø 9.52(3/8)	Ø 22.2(7/8)	Ø 12.7(1/2)	Ø 25.4(1) *	Ø 12.7(1/2)	not increased
12 ~ 14	Ø 12.7(1/2)	Ø 28.58(1-1/8)	Ø 15.88(5/8)	not increased	Ø 15.88(5/8)	not increased
16	Ø 12.7(1/2)	Ø 28.58(1-1/8)	Ø 15.88(5/8)	Ø 31.8(1-1/4) *	Ø 15.88(5/8)	not increased
18 ~ 22	Ø 15.88(5/8)	Ø 28.58(1-1/8)	Ø 19.05(3/4)	Ø 31.8(1-1/4) *	Ø 19.05(3/4)	not increased
24	Ø 15.88(5/8)	Ø 34.9(1-3/8)	Ø 19.05(3/4)	not increased	Ø 19.05(3/4)	not increased
26 ~ 34	Ø 19.05(3/4)	Ø 34.9(1-3/8)	Ø 22.2(7/8)	Ø 38.1(1-1/2) *	Ø 22.2(7/8)	not increased
36 ~ 60	Ø 19.05(3/4)	Ø 41.3(1-5/8)	Ø 22.2(7/8)	not increased	Ø 22.2(7/8)	not increased
62 ~ 64	Ø 22.2(7/8)	Ø 41.3(1-5/8)	Ø 25.4(1) *	Ø 53.98(2-1/8)	Ø 25.4(1) *	not increased
66 ~ 96	Ø 22.2(7/8)	Ø 53.98(2-1/8)	Ø 25.4(1) *	not increased	Ø 25.4(1) *	not increased

Note

- * : If available on site, select pipe size according to upper table. Otherwise it doesn't need to be increased.
- Model line up could be different in accordance with target region.

7. Refrigerant piping system

■ Refrigerant pipe diameter from branch to branch (B,C,D)

Downward Indoor Unit total capacity [kW(Btu/h)]	Liquid pipe [mm(inch)]	Gas pipe [mm(inch)]
≤ 5.6(19,100)	Ø6.35(1/4)	Ø12.7(1/2)
< 16.0(54,600)	Ø9.52(3/8)	Ø15.88(5/8)
< 22.4(76,400)	Ø9.52(3/8)	Ø19.05(3/4)
< 33.6(114,700)	Ø9.52(3/8)	Ø22.2(7/8)
< 50.4(172,000)	Ø12.7(1/2)	Ø28.58(1-1/8)
< 67.2(229,300)	Ø15.88(5/8)	Ø28.58(1-1/8)
< 72.8(248,400)	Ø15.88(5/8)	Ø34.9(1-3/8)
< 100.8(344,000)	Ø19.05(3/4)	Ø34.9(1-3/8)
< 173.6(592,500)	Ø19.05(3/4)	Ø41.3(1-5/8)
< 184.8(630,700)	Ø22.2(7/8)	Ø41.3(1-5/8)
≤ 291.2(993,600)	Ø22.2(7/8)	Ø53.98(2-1/8)

■ Conditional Application (only for Y Branch method)

If the below conditions are satisfied, limit of longest pipe length after 1st branch(l) could be extended by 40 m → 90 m.

1. Pipe diameter Size Up

Pipe diameter(Liquid/Gas pipes) between 1st branch ↔ last branch(B,C,D) is increased by on step.

If the pipe diameter of B,C,D is same as A, it is not necessary.

: Ø 6.35 → Ø 9.52 → Ø 12.7 → Ø 15.88 → Ø 19.05 → Ø 22.2 → ...

If available on site, select pipe size from the pipe diameter table according to capacity.

Otherwise it doesn't need to be increased.

2. Correction for calculating the total pipe length

When calculating total pipe length, pipe B,C,D length should be calculated twice.

: $A+Bx^2+Cx^2+Dx^2+a+b+c+d+e \leq 1,000$ m

3. Indoor unit pipe length

Length of pipe from each indoor unit to the closest branch (a, b, c, d, e) ≤ 40 m.

4. Difference in length between outdoor unit and the farthest or closest indoor unit

[Length of pipe from outdoor unit to the farthest indoor unit 5 (A + B + C + D + e)]

- [Length of pipe from outdoor unit to the closest indoor unit 1 (A + a)] ≤ 40 m

5. After 1st branch directly connected indoor unit

When installing pipe(a) of Indoor unit directly connected after 1st branch more than 40m and less than 90m,

-Pipe diameter is increased by one step.

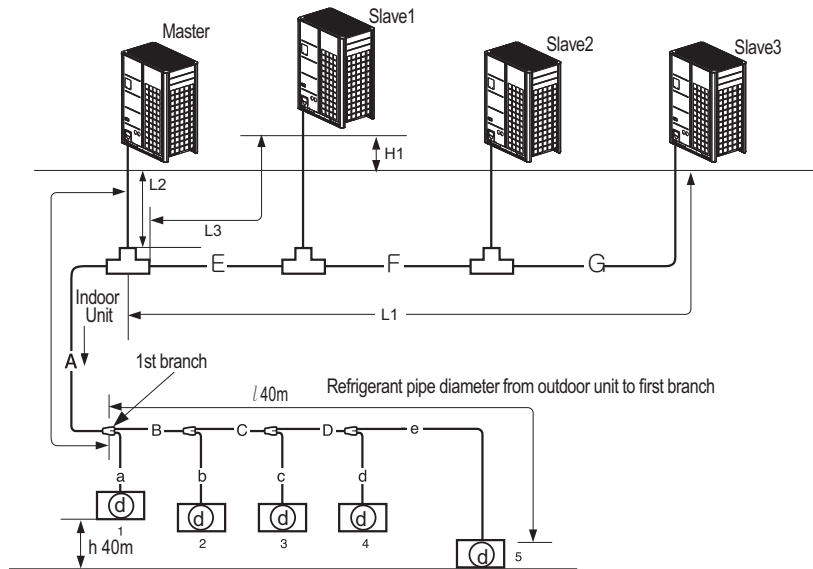
: Ø 6.35 → Ø 9.52 → Ø 12.7 → Ø 15.88 → Ø 19.05 → Ø 22.2 → ...

-Pipe length should be calculated twice.

: $A+Bx^2+Cx^2+Dx^2+ax^2+b+c+d+e \leq 1,000$ m

7. Refrigerant piping system

Outdoor unit Connection



* Maximum number of connectable units could be different in accordance with model line up of target region.

A : Refrigerant pipe diameter from outdoor unit to first branch

E : Refrigerant pipe diameter for outdoor unit capacity (Slave 1+ Slave 2+ Slave 3)

F : Refrigerant pipe diameter for outdoor unit capacity (Slave 2+ Slave 3)

G : Refrigerant pipe diameter for outdoor unit capacity (Slave 3)

Level Difference (Outdoor unit ↔ Outdoor unit)	5m [16.4ft]
Max length from first branch to each outdoor unit (L1, L2, L3)	Less than 10m [32.8ft] (equivalent length of piping 13m [42.7ft])

⚠ WARNING

- In case of pipe diameter connected after first branch(B) is bigger than the main pipe diameter(A), B should be of the same size with A.
- Do not choose the main pipe diameter by downward indoor unit total capacity, but its outdoor unit model name.
- Do not let the connection pipe from branch to branch exceed the main pipe diameter chosen by outdoor unit model name.

[Example 1] In case indoor unit combination ratio 120% is connected to 24HP(67.2 kW) outdoor unit.

1. Outdoor unit main pipe diameter A : Ø34.9(Gas pipe), Ø15.88(liquid pipe)
2. Pipe diameter B after first branch according to 120% indoor unit ombination(80.6kW) : Ø34.9(gas pipe), Ø19.05(liquid pipe)

Therefore, pipe diameter B connected after first branch would be Ø34.9(gas pipe) / Ø15.88(liquid pipe) which is same with main pipe diameter.

[Example 2] Where connecting the indoor units to the 22 HP (61.6 kW) outdoor unit to 130% of its system capacity (80.1kW) and branching 7k (2.2kW) indoor unit at the 1st branch.

1. Main pipe diameter(22 HP outdoor unit): Ø28.58(gas pipe), Ø15.88(Liquid pipe)
2. Pipe diameter between 1st and 2nd branch (77.9kW indoor units) : Ø34.9(Gas pipe), Ø19.05(Liquid pipe) in conformity with downward indoor units.

Since the main pipe diameter of 22HP outdoor unit is Ø28.58(gas pipe), Ø15.88(Liquid pipe) is used as the main pipe and the connection pipe between 1st and 2nd branch.

7. Refrigerant piping system

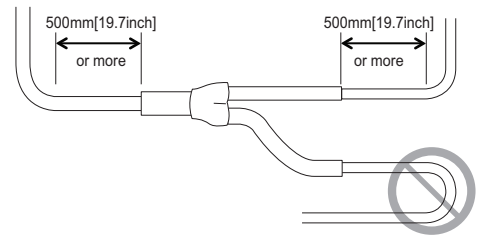
7.2 Indoor Unit Connection

◆ Indoor Unit connecting pipe from branch (a, b, c, d, e, f)

Indoor Unit capacity [kW(Btu/h)]	Liquid pipe [mm(inch)]	Gas pipe [mm(inch)]
≤ 5.6(19,100)	Ø6.35(1/4)	Ø12.7(1/2)
< 16.0(54,600)	Ø9.52(3/8)	Ø15.88(5/8)
< 22.4(76,400)	Ø9.52(3/8)	Ø19.05(3/4)
≤ 28.0(95,900)	Ø9.52(3/8)	Ø22.2(7/8)

⚠ CAUTION

- Bending radius should be at least twice the diameter of the pipe.
- Bend pipe after 500mm(19.7inch) or more from branch(or header).
Do not bend U type.
It may affect performance or result in noise.
If U type bending is required, the R should be more than 200mm (7.9inch).

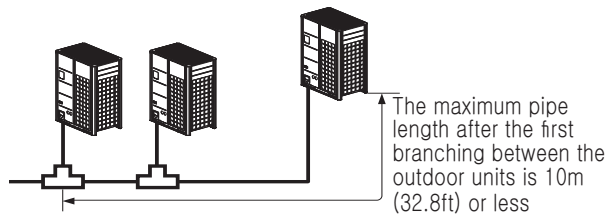


7. Refrigerant piping system

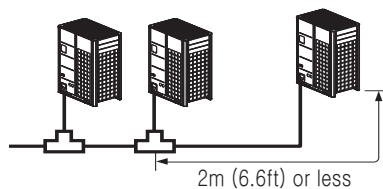
7.3 Pipe Connection Method/Precautions for Series connections between Outdoor units

- Separate Y branch joints are needed for series connections between outdoor units.
- Please refer to the below connection examples to install pipe connections between outdoor units.

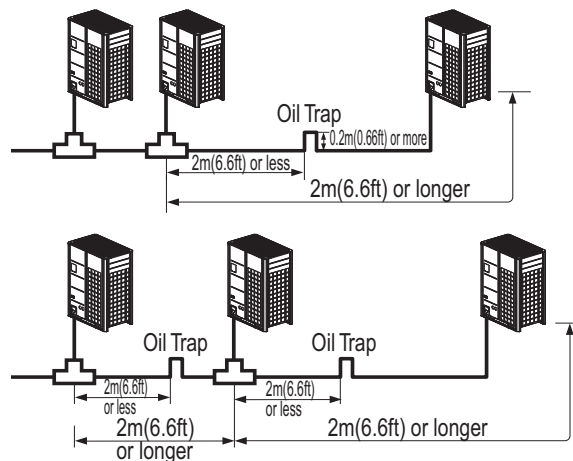
7.3.1 Pipe connection between outdoor units (General Case)



7.3.2 Pipes between outdoor units are 2m(6.6ft) or less



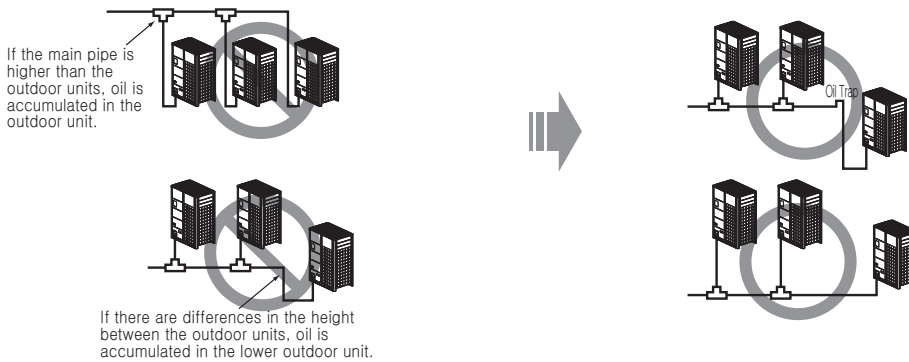
7.3.3 Pipes between outdoor units are 2m(6.6ft) or longer



- If the distance between the outdoor units becomes more than 2m(6.6ft), apply Oil Traps between the gas pipes.
- If the outdoor unit is located lower than the main pipe, apply Oil Trap.

7. Refrigerant piping system

7.3.4 Examples of Wrong Pipe Connections



- The pipes between the outdoor units must maintain horizontal levelness or give an inclination to prevent a back flow toward the slave outdoor unit. Otherwise, the unit may not operate properly.

(Example 1)



(Example 2)

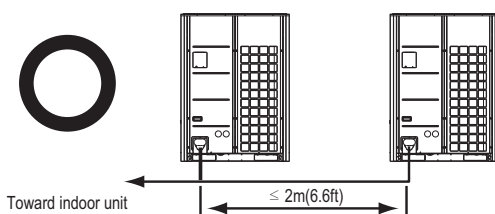


(Example 3)



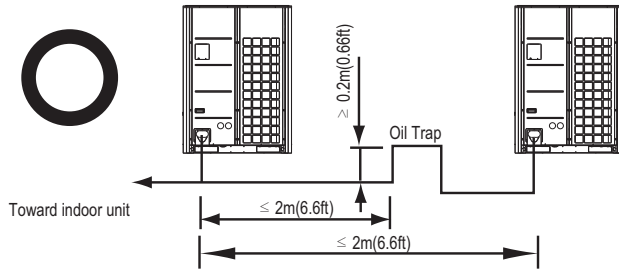
- Apply Oil Trap as shown below when the length of the pipe between the outdoor units is more than 2m(6.6ft). Otherwise, the unit may not operate properly.

(Example 1)



7. Refrigerant piping system

(Example 2)

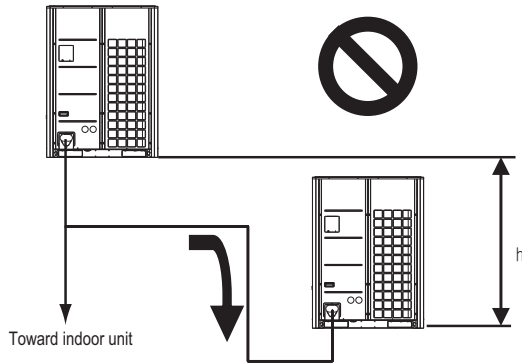


- Install Oil trap if the ODU is at lower level than main piping.
- When connecting the pipes between the outdoor units, the accumulation of oil in the slave outdoor unit should be avoided. Otherwise, the unit may not operate properly.

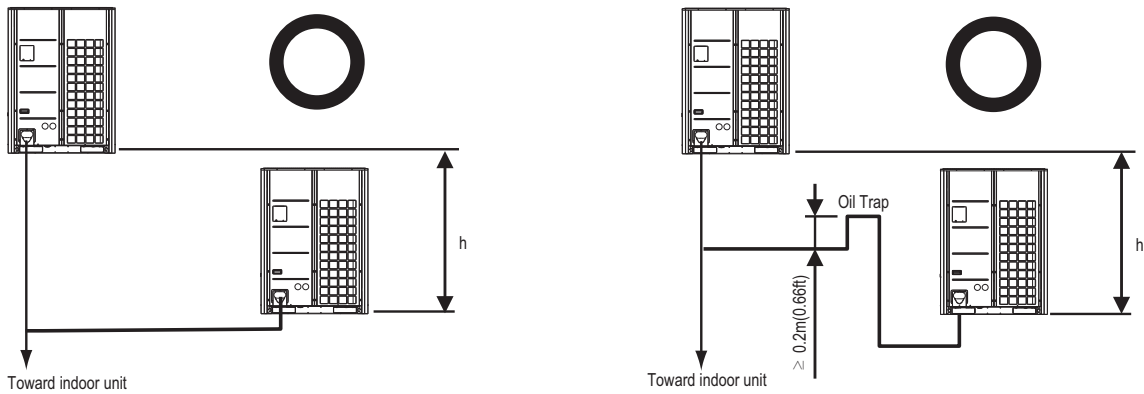
(Example 1)



(Example 2)



(Example 3)



7. Refrigerant piping system

7.4 The amount of Refrigerant

The calculation of the additional charge should take into account the length of pipe and CF(correctionFactor) value of indoor unit.

Additional charge(kg)	=	Total liquid pipe : Ø25.4mm (1inch)	×	0.480(kg/m)
	+	Total liquid pipe : Ø22.2mm (7/8inch)	×	0.354(kg/m)
	+	Total liquid pipe : Ø19.05mm (3/4inch)	×	0.266(kg/m)
	+	Total liquid pipe : Ø15.88mm (5/8inch)	×	0.173(kg/m)
	+	Total liquid pipe : Ø12.7mm (1/2inch)	×	0.118(kg/m)
	+	Total liquid pipe : Ø9.52mm (3/8inch)	×	0.061(kg/m)
	+	Total liquid pipe : Ø6.35mm (1/4inch)	×	0.022(kg/m)
	+	Number of installed HR units(2,3,4port)	×	0.500(kg)
	+	Number of installed HR units(6,8port)	×	1.000(kg)
	+	CF value of indoor unit(kg/EA)		

Note

For CF value (additional refrigerant) table of indoor units, please refer to th PDB of indoor unit.

7. Refrigerant piping system

7.5 Selection of Y Branch, Header and Reducer

7.5.1 Y Branch

■ Heat Recovery System

Models	Low Pressure Gas pipe [unit:mm]	High Pressure Gas pipe [unit:mm]	Liquid pipe [unit:mm]
ARBLB01621			
ARBLB03321			
ARBLB07121			
ARBLB14521			
ARBLB23220			

7. Refrigerant piping system

■ Heat Pump System

Models	Gas pipe [unit:mm]	Liquid pipe [unit:mm]
ARBLN01621		
ARBLN03321		
ARBLN07121		
ARBLN14521		
ARBLN23220		

7. Refrigerant piping system




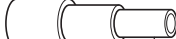

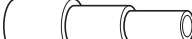



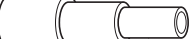



7.5.2 Header

Models	Gas pipe [unit:mm]	Liquid pipe [unit:mm]
4 branch ARBL054		
7 branch ARBL057		
4 branch ARBL104		
7 branch ARBL107		
10 branch ARBL1010		
10 branch ARBL2010		

7. Refrigerant piping system

7.5.3 Reducer

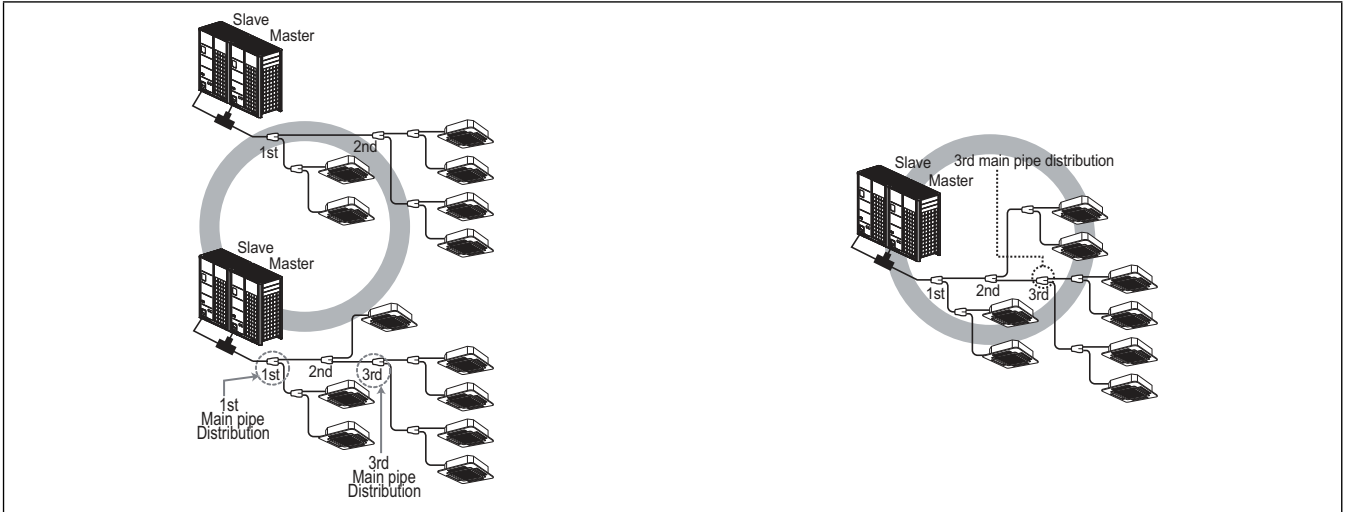
◆ Reducers for indoor unit and HR unit

Models		Liquid pipe [unit:mm]	Gas pipe [unit:mm]	
			High pressure	Low pressure
Indoor unit reducer		 OD9.52(3/8) Ø6.35(1/4)	-	 OD15.88(5/8) Ø12.7(1/2)
HR unit reducer	PRHR023	 OD9.52(3/8) Ø6.35(1/4)	 OD19.05(3/4) Ø15.88(5/8) Ø12.7(1/2)  OD12.7(1/2) Ø9.52(3/8)	 OD22.2(7/8) Ø19.05(3/4) Ø15.88(5/8)  OD15.88(5/8) Ø12.7(1/2)
	PRHR033 PRHR043 PRHR063 PRHR083	 OD15.88(5/8) Ø12.7(1/2) Ø9.52(3/8)  OD12.7(1/2) Ø9.52(3/8)	 OD22.2(7/8) Ø19.05(3/4) Ø15.88(5/8)  OD15.88(5/8) Ø12.7(1/2)	 OD28.58(1-1/8) Ø22.2(7/8) Ø19.05(3/4)  OD19.05(3/4) Ø15.88(5/8)

7. Refrigerant piping system

7.6 Distribution Method

7.6.1 Horizontal Distribution

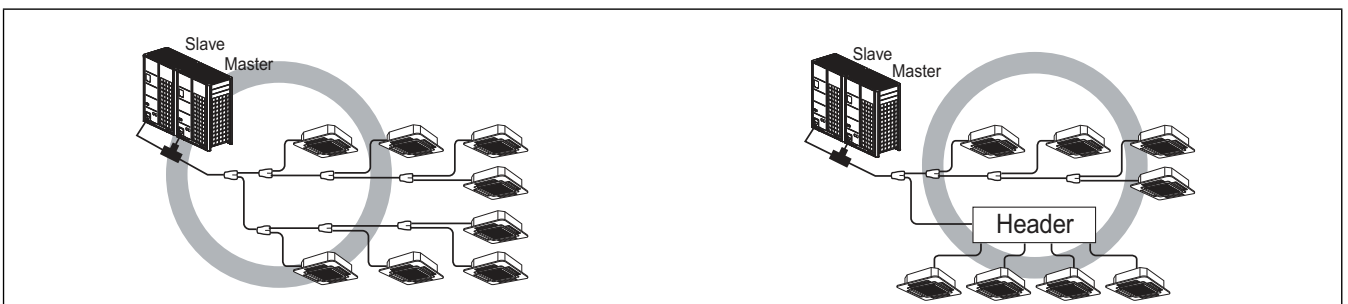


7.6.2 Vertical Distribution

Ensure that the branch pipes are attached vertically.



7.6.3 The Others



8. Electrical Wiring

8.1 Electrical Wiring

8.1.1 Caution

1. Follow ordinance of your governmental organization for technical standard related to electrical equipment, wiring regulations and guidance of each electric power company.

CAUTION

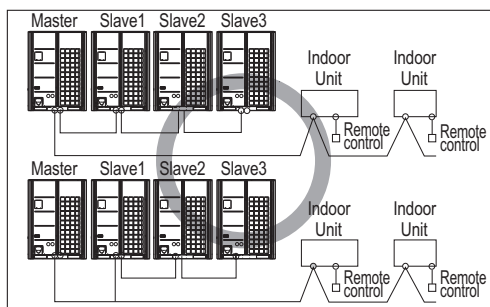
Be sure to have authorized electrical engineers do the electric work using special circuits in accordance with regulations and this installation manual. If power supply circuit has a lack of capacity or electric work deficiency, it may cause an electric shock or fire.

2. Install the Outdoor Unit communication line away from the power source wiring so that it is not affected by electric noise from the power source. (Do not run it through the same conduit.)
3. Be sure to provide designated grounding work to Outdoor Unit.

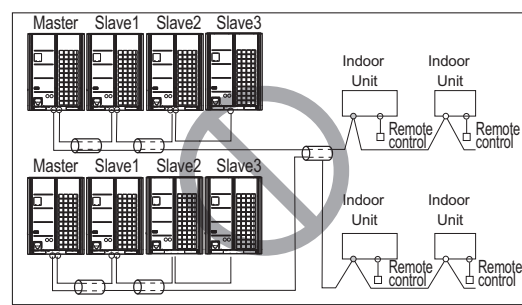
CAUTION

Be sure to correct the outdoor unit to earth. Do not connect earth line to any gas pipe, liquid pipe, lightning rod or telephone earth line. If earth is incomplete, it may cause an electric shock.

4. Give some allowance to wiring for electrical part box of Indoor and Outdoor Units, because the box is sometimes removed at the time of service work.
5. Never connect the main power source to terminal block of communication line. If connected, electrical parts will be burnt out.
6. Use 2-core shield cable for communication line. (O mark in the figure below) If communication lines of different systems are wired with the same multiple-core cable, the resultant poor transmitting and receiving will cause erroneous operations. (⊗ mark in the figure below)
7. Only the communication line specified should be connected to the terminal block for Outdoor Unit communication.



2-Core Shield Cable



Multi-Core Cable

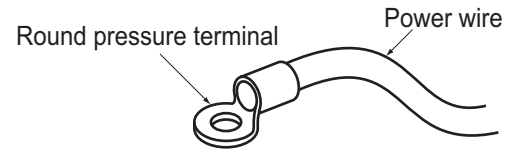
CAUTION

- Use the 2-core shield cables for communication lines. Never use them together with power cables.
- The conductive shielding layer of cable should be grounded to the metal part of both units.
- Never use multi-core cable
- As this unit is equipped with an inverter, to install a phase leading capacitor not only will deteriorate power factor improvement effect, but also may cause capacitor abnormal heating. Therefore, never install a phase leading capacitor.
- Make sure that the power unbalance ratio is not greater than 2%. If it is greater the units lifespan will be reduced.

8. Electrical Wiring

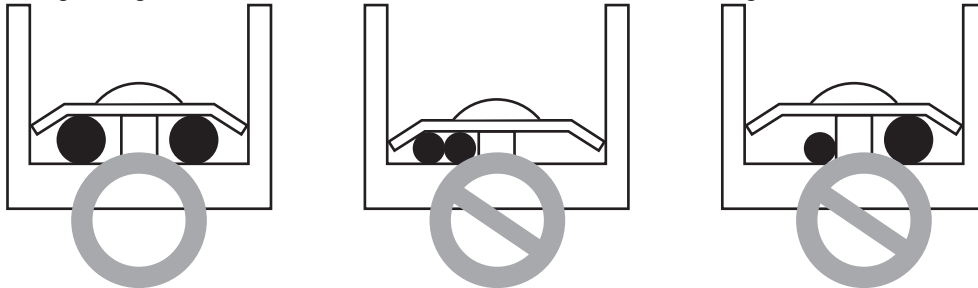
■ Precautions when laying power wiring

Use round pressure terminals for connections to the power terminal block.



When none are available, follow the instructions below.

- not connect wiring of different thicknesses to the power terminal block. (Slack in the power wiring may cause abnormal heat.)
- When connecting wiring which is the same thickness, do as shown in the figure below.



- For wiring, use the designated power wire and connect firmly, then secure to prevent outside pressure being exerted on the terminal block.
- Use an appropriate screwdriver for tightening the terminal screws. A screwdriver with a small head will strip the head and make proper tighterning impossible.
- Over-tightening the terminal screws may break them.

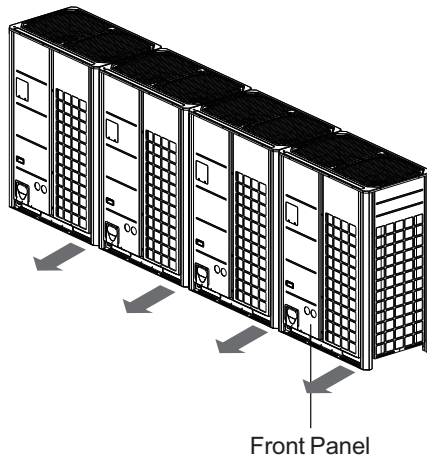
⚠ CAUTION

When the 400 volt power supply is applied to "N" phase by mistake, replace inverter PCB and transformer in control box.

8. Electrical Wiring

8.1.2 Control box and connecting positioning of wiring

- Remove all of the screws at front panel and remove the panel by pulling it forward.

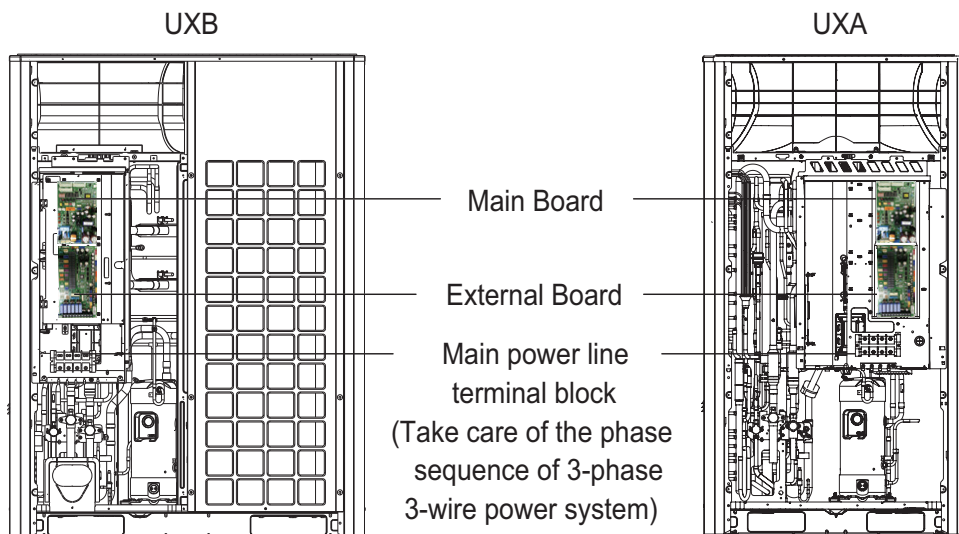


- Connect communication line between main and sub outdoor unit through the terminal block.
- Connect communication lines between outdoor unit and indoor units through the terminal block.
- When the central control system is connected to the outdoor unit, a dedicated PCB must be connected between them.
- When connecting communication line between outdoor unit and indoor units with shielded wire, connect the shield ground to the earth screw.

WARNING

The temperature sensor for outdoor air should not be exposed to direct sunlight.

- Provide an appropriate cover to intercept direct sunlight.



8. Electrical Wiring

8.1.3 Communication and Power Lines

1. Communication cable

- Types : shielded cables
- Use wires of size : over 1.0 ~ 1.5 mm² ($1.55 \times 10^{-3} \sim 2.32 \times 10^{-3} \text{ in}^2$)
- Maximum allowable temperature: 60°C (140°F)
- Maximum allowable line length: under 1 000m (3 281 ft)

2. Remote control cable

- Types : 3-core cable

3. Central control cable

Product type	Wire type	Diameter
ACP&AC Manager	2-core cables (shielded)	1.0 ~ 1.5 mm ² ($1.55 \times 10^{-3} \sim 2.32 \times 10^{-3} \text{ in}^2$)
AC Smart	2-core cables (shielded)	1.0 ~ 1.5 mm ² ($1.55 \times 10^{-3} \sim 2.32 \times 10^{-3} \text{ in}^2$)
Simple central controller	4-core cables (shielded)	1.0 ~ 1.5 mm ² ($1.55 \times 10^{-3} \sim 2.32 \times 10^{-3} \text{ in}^2$)
AC Ez	4-core cables (shielded)	1.0 ~ 1.5 mm ² ($1.55 \times 10^{-3} \sim 2.32 \times 10^{-3} \text{ in}^2$)

4. Separation of communication and power lines

- If communication and power lines are installed alongside each other then there is a strong likelihood of operational faults developing due to interference in the signal wiring caused by electrostatic and electromagnetic coupling.

The tables below indicates our recommendation as to appropriate spacing of communication and power lines where these are to be run side by side

Current capacity of power line	Spacing	
100V or more	10A	300mm (11-13/16 in)
	50A	500mm (19-11/16 in)
	100A	1 000mm (39-3/8 in)
	Exceed 100A	1 500mm (59-1/16 in)

Note

1. The figures are based on assumed length of parallel cabling up to 100 m(328 ft). For length in excess of 100 m(328 ft) the figures will have to be recalculated in direct proportion to the additional length of line involved.
2. If the power supply waveform continues to exhibit some distortion the recommended spacing in the table should be increased.
 - If the lines are laid inside conduits then the following point must also be taken into account when grouping various lines together for introduction into the conduits
 - Power lines(including power supply to air conditioner) and signal lines must not be laid inside the same
 - In the same way, when grouping the lines power and signal lines should not be bunched together.

CAUTION

- If apparatus is not properly earthed then there is always a risk of electric shock, the grounding of the apparatus must be carried out by a qualified person.

8. Electrical Wiring

8.2 DIP Switch Setting

8.2.1 Checking according to dip switch setting

You can check the setting values of the Master outdoor unit from the 7 segment LED. The dip switch setting should be changed when the power is OFF.

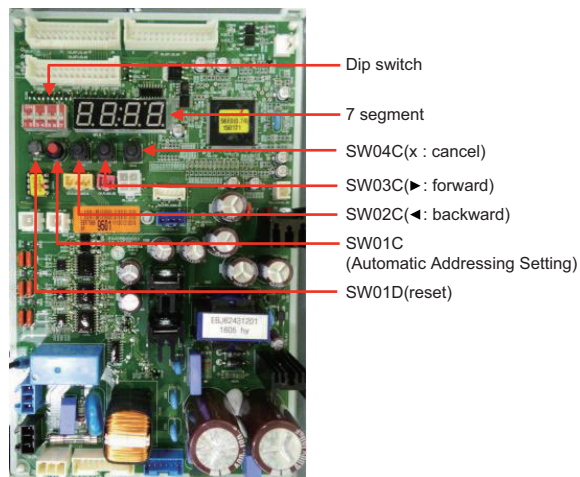
8.2.2 Checking the setting of the Master unit

The number is sequentially appeared at the 7 segment in 5 seconds after applying the power. This number represents the setting condition.

- Initial display order

Order	No	Mean
①	8 ~ 24	Master model capacity
②	10 ~ 24	Slave 1 model capacity
③	10 ~ 24	Slave 2 model capacity
④	10 ~ 24	Slave 3 model capacity
⑤	8 ~ 96	Total capacity
⑥	3	Heat Pump (Factory setting)
⑦	38	380V model
	46	460V model
	22	220V model
⑧	35	Product type

◆ Main PCB



- Example) 62HP 220V Heat Pump system

(Master unit: 18HP, Slave 1: 16HP, Slave 2: 14HP, Slave 3: 14HP)

①	②	③	④	⑤	⑥	⑦	⑧
18	16	14	16	62	3	22	35

Note

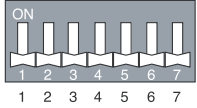
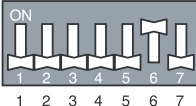
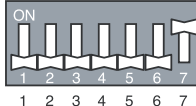
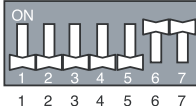
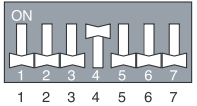
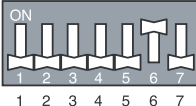
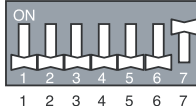
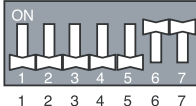
- Example of model names could be different with model names included within this PDB.
- In accordance with the number of combined outdoor unit or target region, it could not be applied to set the order ③,④.

⚠ CAUTION

Product may not properly operate if the relevant DIP switch is not properly setup.

8. Electrical Wiring

■ Master / Slave Dip Switch Setting

Dip switch setting	Master/Slave Unit			
	Master	Slave		
		Slave1	Slave2	Slave3
Heat Pump System (Factory setting)				
Heat Recovery System (Installer setting)				

Important

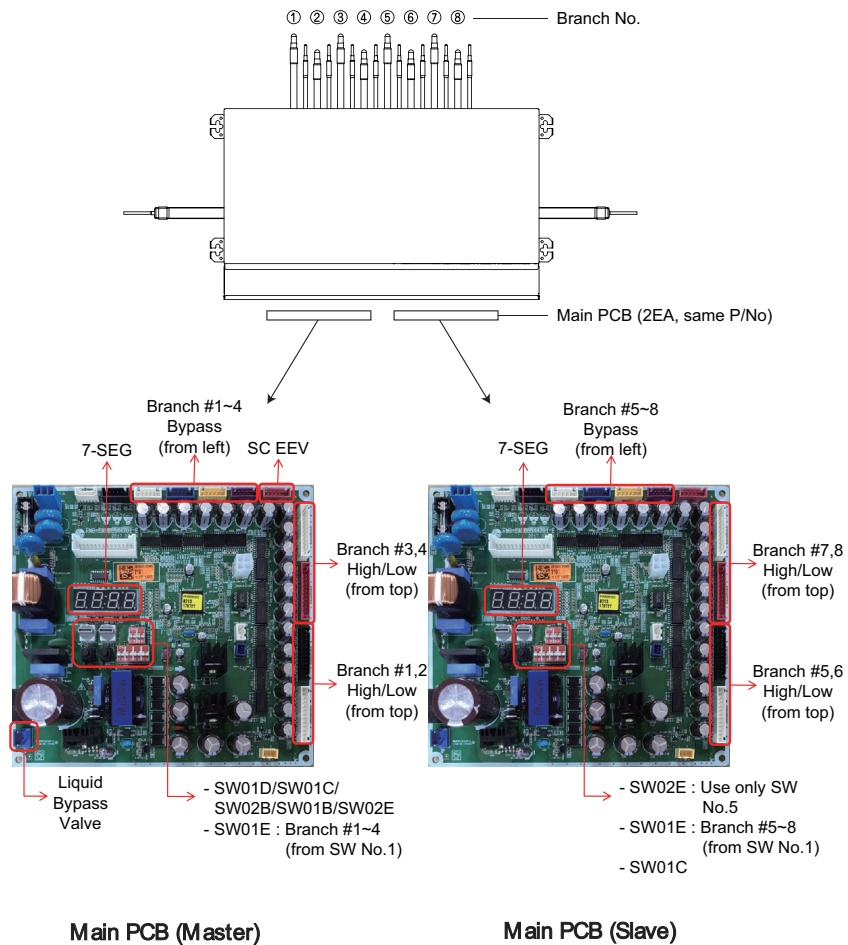
How to setting Heat Recovery system

1. Turn on the dip s/w No. 4.
2. The factory setting display is appeared "HP".
3. Change "HP" into "HR" display pushing ► button and then push confirm button.
4. Turn off dip s/w No. 4 and push reset button to restart the system.
(If you turn on the dip s/w No. 4, you can make sure "HR" or "HP" display later.)

8. Electrical Wiring

8.3 HR Unit PCB (For Heat Recovery System)

◆ Switch for setup of HR Unit



8.3.1 Setup the switch of HR Unit

■ Setup the switch of HR Unit

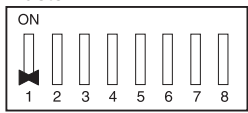
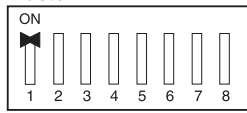
	S/W	Function
Dip SW		SW02E (8pin Dip SW) Selection of the method for pipe detection Selection of Master/Slave Main PCB Setting the Zoning Control Selection of the No. of connected branches
No.2		SW01E (4pin Dip SW) Selection of the valve to address
No.3		SW01D (Left) Selection of the Valve Group Control Setting to address HR units
No.4		SW01C (Right) Manual addressing of zoning indoor units
No.5		SW02B (Left) Increase in the digit of 10
No.6		SW01B (Right) Increase in the digit of 1

8. Electrical Wiring

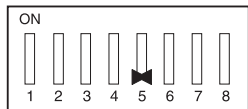
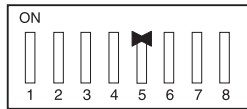
■ Main function of SW02E

ON S/W	Selection
No.1	Method for pipe detection of an HR unit (Auto/Manual)
No.2	No. of connected branches
No.3	
No.4	
No.5	Master/Slave (Main PCB) Setting
No.6	EEPROM factory initialization (4,5,6)
No.7	Use only in factory production (preset to "OFF"), Zoning setting ("ON")
No.8	Use only in factory production (preset to "OFF"), Zoning setting ("ON")

1. Selection of the method for pipe detection of an HR unit (Auto/Manual)

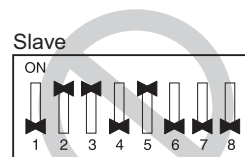
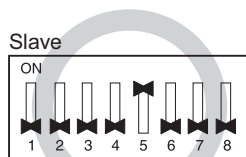
Auto	Manual
<p>Switch No.1 Off</p> <p>Master</p> 	<p>Switch No.1 On</p> <p>Master</p> 

2. Selection of Master/Slave Main PCB

Master	Slave
<p>Switch No.5 Off</p> 	<p>Switch No.5 On</p> 

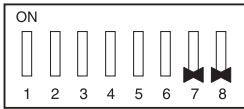
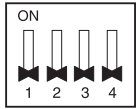
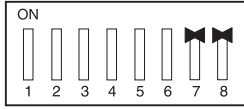

Note

Do not turn on any SW02E on Slave Main PCB except No.5.


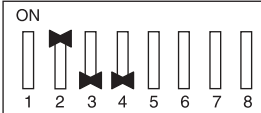
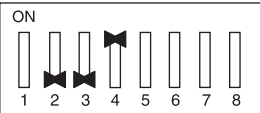
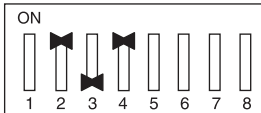
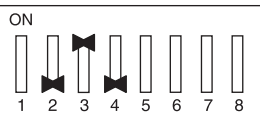





8. Electrical Wiring

3. Setting the zoning control

	SW02E setting	SW01E setting
Normal control	<p>Master</p> 	 <p>SW01E</p>
Zoning control	<p>Master</p> 	<p>Turn the dip switch of the zoning branch on. EX) Branch 1,2 are zoning control.</p> <p>Master</p>  <p>SW01E</p>

4. Selection of the No. of connected branches

1 branch Connected		5 branches Connected	
2 branches Connected		6 branches Connected	
3 branches Connected		7 branches Connected	
4 branches Connected		8 branches Connected	

* Each model is shipped with the switches No.2, 3, 4 pre-adjusted as above in the factory.

WARNING

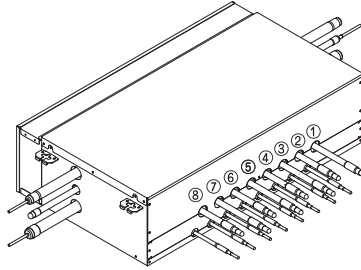
If you want to use a "Model" for "No. of using branch(es)" HR Unit after closing the "Closing pipe No.", set the dip switch for "No. of using branch(es)" HR Unit.

Ex) If you want to use a PRHR083 for 4 branches HR Unit after closing the 5~8th pipes, set the dip switch for 4 branches HR Unit.

8. Electrical Wiring

■ SW01D (Rotary S/W for addressing HR unit)

Use the Valve Group Control when 2 branches are connected with only 1 indoor unit which has higher capacity than 61 kBtu/h.



Valve Group	SW01D Setting	Valve Group	SW01D Setting
Not control	0	No. 5,6/7,8 Valve Control	8
No. 1,2 Valve Control	1	No. 1,2/5,6 Valve Control	9
No. 2,3 Valve Control	2	No. 1,2/7,8 Valve Control	A
No. 3,4 Valve Control	3	No. 3,4/5,6 Valve Control	B
No. 5,6 Valve Control	4	No. 3,4/7,8 Valve Control	C
No. 6,7 Valve Control	5	No. 1,2/3,4/5,6 Valve Control	D
No. 7,8 Valve Control	6	No. 1,2/3,4/6,7 Valve Control	E
No. 1,2/3,4 Valve Control	7	No. 1,2/3,4/7,8 Valve Control	F

Note

If the large capacity indoor units are installed, below Y branch pipe should be used.

◆ Y branch pipe

Models	Gas pipe [Unit : mm]	Liquid pipe [Unit : mm]
ARBLN03321		

8. Electrical Wiring

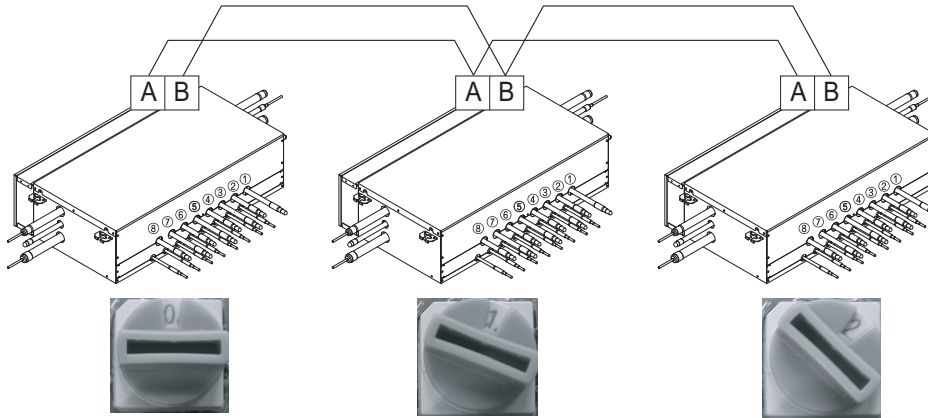
■ SW01C (Rotary S/W for addressing HR unit)

Must be set to '0' when installing only one HR unit.

When installing multiple HR units, address the HR units with sequentially increasing numbers starting from '0'.

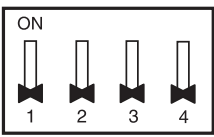



Maximum 16 HR Units can be installed.

Example) Installation of 3 HR units



■ SW01B/SW01C/SW01E/SW02B (Dip S/W and push S/W for manual pipe detection)

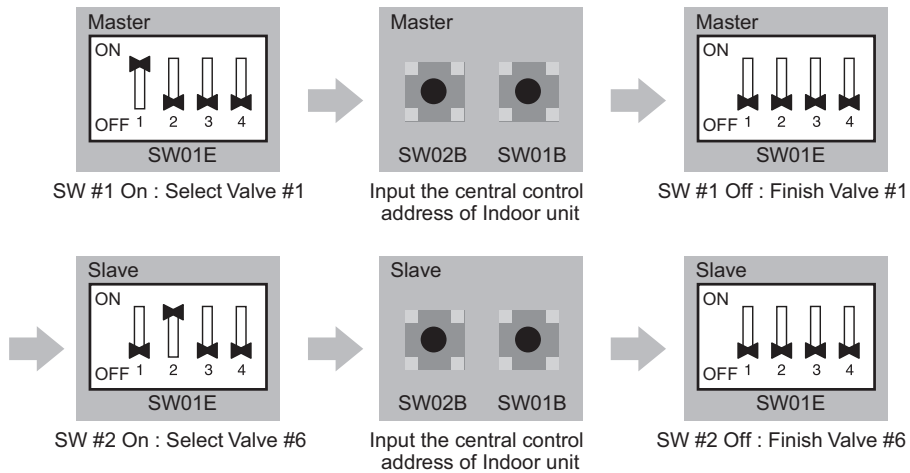
- Set the address of the valve of the HR unit to the central control address of the connected indoor unit.
- SW01E : selection of the valve to address
 SW02B : increase in the digit of 10 of valve address
 SW01B : increase in the last digit of valve address
 SW01C : Manual addressing of zoning indoor units (use for Zoning setting)
- Prerequisite for manual pipe detection : central control address of each indoor unit must be preset differently at its wired remote control.

 SW01E	S/W No.	Setup
		No.1
	No.2	Manual addressing of valve #2 (Master) / #6 (Slave)
	No.3	Manual addressing of valve #3 (Master) / #7 (Slave)
	No.4	Manual addressing of valve #4 (Master) / #8 (Slave)
 SW02B	SW02B	Increase in the digit of 10 of valve address
 SW01B	SW01B	Increase in the last digit of valve address
* Use for Zoning setting  SW01C	SW01C	Manual addressing of zoning indoor units

8. Electrical Wiring

1. Normal setting (Non-Zoning setting)

ex) Manual pipe detection of Valve #1, 6.



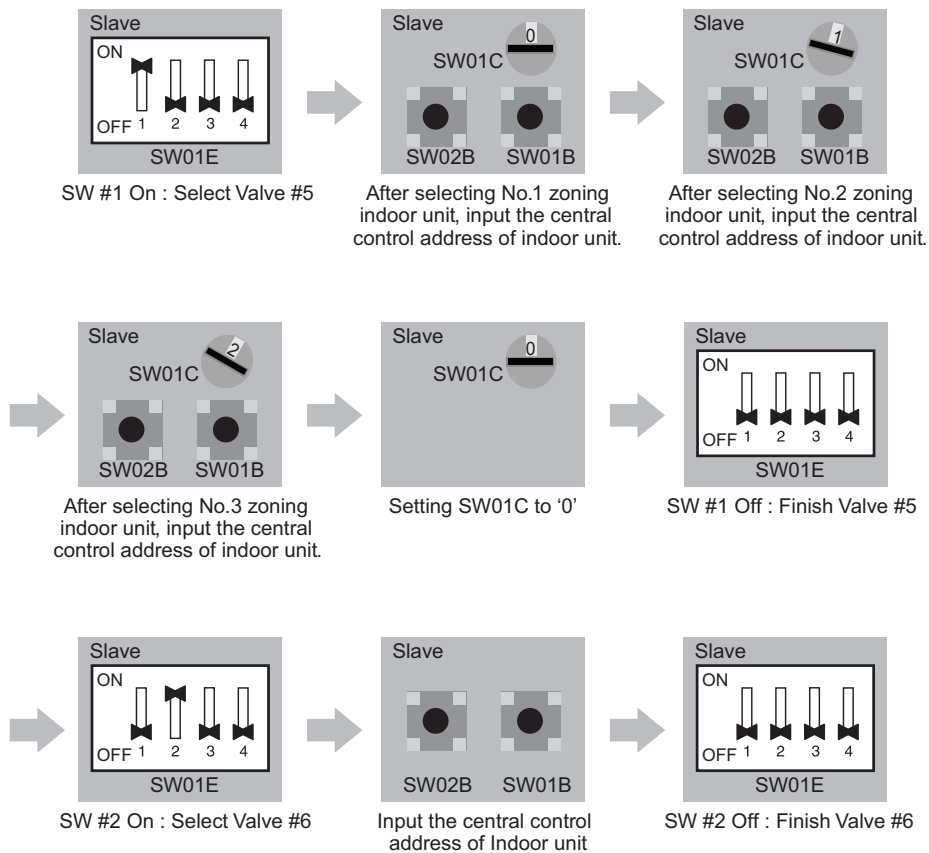
2. Zoning setting

Note

Use the Zoning Control when install two or more indoor units at 1 branch of HR Unit.

The indoor units controlled by Zoning Control can be selected collectively as the cooling/heating mode.

ex) Manual pipe detection of Valve #5 with three zoning indoor units, #6 without zoning unit.



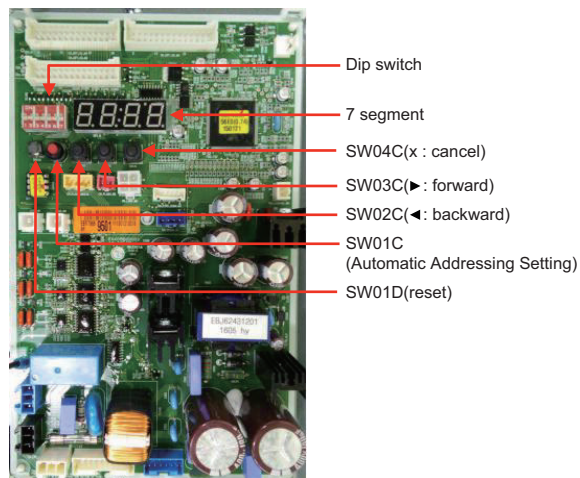
8. Electrical Wiring

8.4 Automatic Addressing

■ The address of indoor units would be set by auto addressing

1. Wait for 3 minutes after supplying power. (Master and Slave outdoor units, indoor units)
2. Press RED button of the outdoor units for 5 seconds. (SW01C)
3. A "88" is indicated on 7-segment LED of the outdoor unit PCB.
4. For completing addressing, 2~7 minutes are required depending on numbers of connected indoor units
5. Numbers of connected indoor units whose addressing is completed are indicated for 30 seconds on 7-segment LED of the outdoor unit PCB
6. After completing addressing, address of each indoor unit is indicated on the wired remote control display window. (CH01, CH02, CH03,, CH06 : Indicated as numbers of connected wired indoor units)

◆ Main PCB

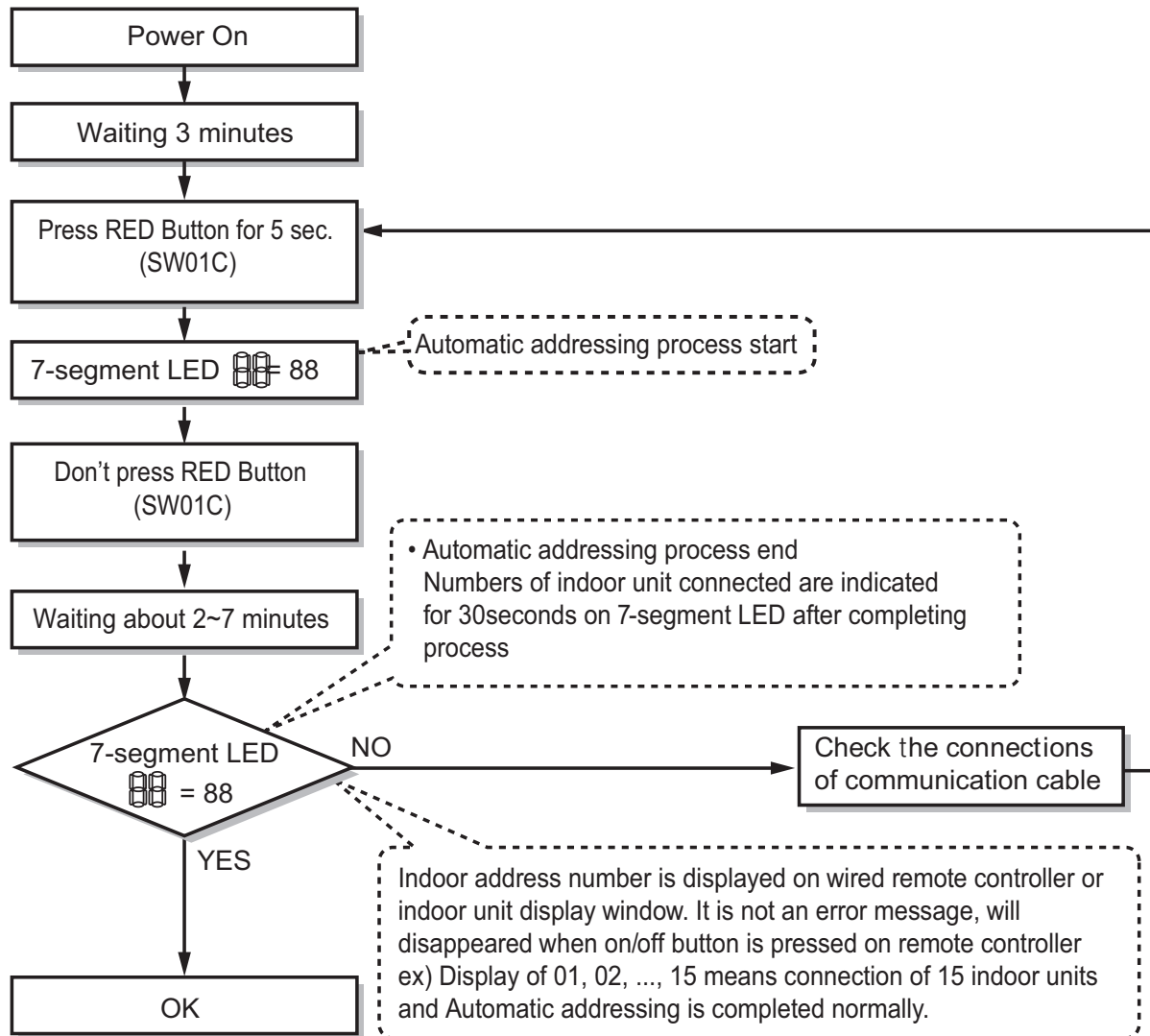


⚠ CAUTION

- In replacement of the indoor unit PCB, always perform Auto addressing setting again (At that time, please check about using Independent power module to any indoor unit.)
- If power supply is not applied to the indoor unit, operation error occur.
- Automatic Addressing has to be performed after more than 3 minutes to improve indoor unit communication when initial power is supplied.
- Please be sure that all the dip switch (except DIP switch 3) of master outdoor unit is OFF before Automatic Addressing setting.
 - Set the DIP switch 3 to "On" if all the indoor units are "ARN-4".
 - Set the DIP switch 3 to "Off" if not all the indoor units are "ARN-4".

8. Electrical Wiring

◆ The Procedure of Automatic Addressing



8. Electrical Wiring

■ Automatic pipe detection(For Heat Recovery System)

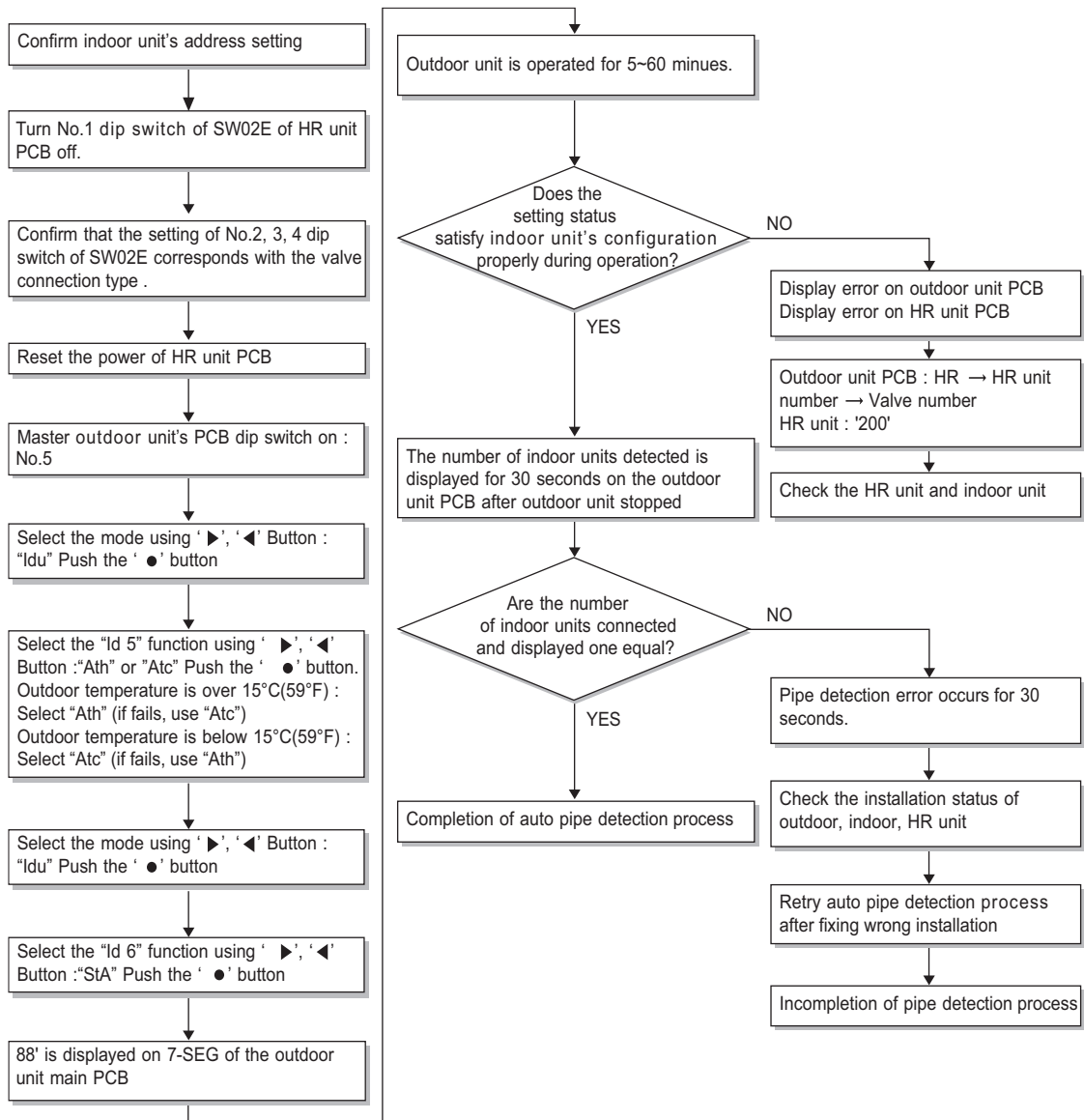
1. Turn No.1 dip switch of SW02E of HR unit PCB off.
2. Confirm that the setting of No.2, 3, 4 of SW02E corresponds with the type of the valve connection.
3. Reset the power of HR unit PCB
4. Master outdoor unit PCB DIP switch on : No.5
5. Select the mode using '▶', '◀' Button : "Idu" Push the '●' button
6. Select the "Id 5" function using '▶', '◀' Button : "Ath" or "Atc" Push the '●' button.
Outdoor temperature is over 15°C(59°F) : "Ath" Using (If it fail, use "Atc")
Outdoor temperature is below 15°C(59°F) : "Atc" Using (If it fail, use "Ath")
7. Select the mode using '▶', '◀' Button : "Idu" Push the '●' button
8. Select the "Id 6" function using '▶', '◀' Button : "StA" Push the '●' button
9. System is operated after "88" is displayed on 7-SEG of the outdoor unit main PCB.
10. Pipe detection process is proceeded.
11. 5~30 minutes are required depending on the number of the indoor units and outdoor temperature.
12. The number of the indoor units connected is displayed on 7-SEG of the outdoor unit main PCB for about 1 minute
 - For a HR unit, the number of the indoor units connected to each HR unit is displayed.
 - '200' is displayed in case of auto pipe detecting error, and auto pipe detection process is completed when after "88" is disappeared.

CAUTION

- **Execute auto addressing and auto pipe detection again whenever the indoor PDB and HR unit PCB is replaced.**
 - **Operation error occurs unless power is supplied to the indoor and HR units.**
- **Error No.200 occurs if the number of connected indoor units and that of scanned indoor units are different.**
- **If auto pipe detection process fails, complete it with manual pipe detection (see Manual pipe detection part).**
- **If auto pipe detection process is completed normally, manual pipe detection is not required.**
- **If you want to do auto pipe detection again after auto pipe detection fails, do after reset of outdoor unit by all means.**
- **During 5 minutes after pipe detection is completed, do not turn off the main unit PCB to save the result of pipe detection automatically.**

8. Electrical Wiring

◆ Flow chart of auto pipe detection process



* It is possible to be generated mode changing noise of heating and cooling which is normal. There is no mode changing noise at normal operation.

8. Electrical Wiring

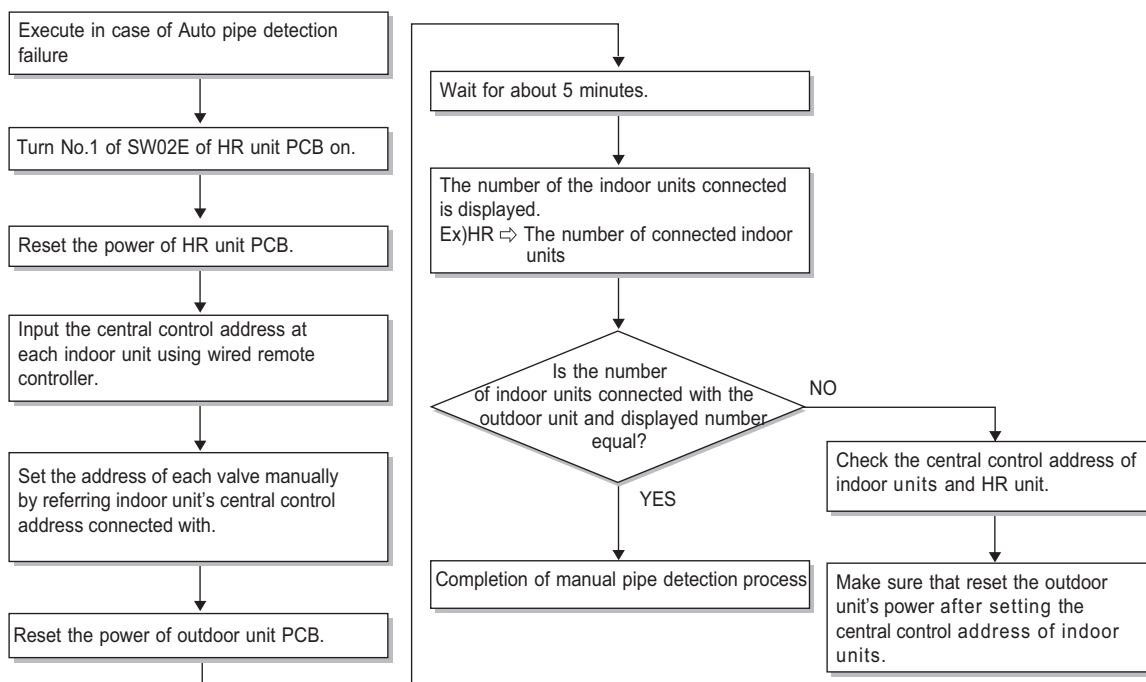
Manual pipe detection

1. Enter the central control address into each indoor unit using its wired remote controller.
2. Turn No.1 dip switch of SW02E of HR unit PCB on.
3. Reset the power of HR unit PCB.
4. On the HR unit PCB, manually set address of each valve of the HR unit to the central control address of the indoor unit connected to the valve.
5. Reset the power of outdoor unit PCB.
6. The number of the indoor unit installed is displayed after about 5 minutes.
Ex) HR → The number of the indoor
7. Reset the power of outdoor unit PCB, HR unit.
8. Manual pipe detection is completed

CAUTION

- In case that central controller is not installed, firstly set up central controller's setting to make address setting of indoor units.
- In case that central controller is installed, please set central control address of indoor units by using wired remote controller.
- HR units's manual pipe address is set by the central control address of indoor units.
- Address of valve which is not connected with indoor unit should be set differently with the address of a valve which is indoor unit connected.
(If address is overlapped, valve will not work properly)
- If there occurs some error during pipe detection process, it means pipe detection process is not properly finished.
- During 5 minutes after pipe detection process is completed, do not turn off the main outdoor unit's PCB to save the result of pipe detection automatically.

Flow chart of manual addressing for pipe detection



Note

If you need to more information of Addressing method, please refer to the Installation Manual.

9. Setting the function

9.1 Function List

MODE	Display	Function	Description
Func	Fn1	Cool & Heat Selector	Set when Cool & Heat Selector is connected
	Fn2	Static pressure compensation	Function for increasing outdoor fan speed, when using duct's
	Fn3	Night low noise	In the middle of the night time, reduces the Fan rpm to reduce the noise from the outdoor unit fan
	Fn4	Overall defrost	Set for only using Overall Defrost (not applying Partial Defrost)
	Fn5	ODU address	Address for monitoring cycle view with LG control solutions
	Fn6	Snow removal & rapid defrost	Function for snow removal and rapid defrost function
	Fn7	IDU capacity adjusting	Decrease airflow of IDU in case of shortage of heating capacity
	Fn8	Target pressure adjusting	Adjust High/Low pressure target
	Fn9	Low Ambient Kit	Function for controlling Low Ambient Kit I/O Module *Low Ambient Kit : Kit for cooling operation at low temperature(-20℃)
	Fn10	High Efficiency Mode (Cooling Operation)	Adjust low pressure target according to outdoor temperature
	Fn11	Auto Dust Removal	Function for blowing dust on heat exchanger
	Fn12	Compressor frequency limitation	Max compressor frequency limitation
	Fn13	ODU fan limitation	Max fan RPM limitation
	Fn14	Smart load control	Adjust high pressure target for heating and low pressure target for cooling according to outdoor temperature to optimize energy input.
	Fn16	Humidity Reference	Adjust high pressure target according to humidity to optimize energy input
	Fn19	Central Control Connection at Indoor Unit side	For AC EZ use only. Connectable to comm. Line between ODU and IDU. * Do not use with other central controller (ACP, AC SAMART etc.)
	Fn20	Compressor Input Current Limit	Max input current limitation. 50~100% can be selected
	Fn21	Power Consumption Display on wired remote controller	Display Power Consumption on wired remote controller
	Fn22	Overall Defrost Operating in Low temperature (Heating)	Perform overall defrost periodically in low temperature to increase heating performance
	Fn23	Optional Base panel Heater	Set when base panel heater is installed

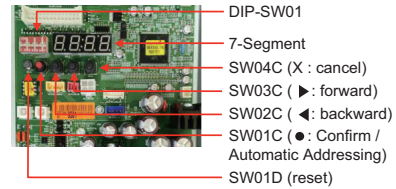
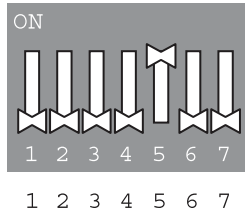
* The functions shown in the table above could be applicable depending on the model line up.

* For details, refer to installation manual and service manual(General).

9. Setting the function

9.2 Dip Switch Setting

Select the mode/function/option/value using '▶', '◀' Button and confirm that using the '●' button after dip switch No.5 is turned on.



Optional Mode Selection		Function Selection		Option Selection		Remarks
Content	Display (◎)	Content	Display (◀, ▶ ◎)	Default	Optional (◀, ▶ ◎)	
FDD	Fdd	Automatic Refrigerant Charging (Cooling)	Fd1	-	-	-
		Automatic Refrigerant Charging (Heating)	Fd2	-	-	-
		Refrigerant Amount Check (Cooling)	Fd3	-	-	-
		Refrigerant Amount Check (Heating)	Fd4	-	-	-
		Automatic	Fd7	-	-	-
		All IDU operation (Cooling)	Fd8	-	-	Compulsory Operation
		All IDU operation (Heating)	Fd9	-	-	for 1hour
Installation	Func	Cool & Heat Selector	Fn 1	oFF	oFF, oP1~oP2	save in EEPROM
		High Static Pressure compensation	Fn 2	oFF	oFF, oP1~oP7	save in EEPROM
		Night low noise	Fn 3	oFF	oFF, oP1~oP12	save in EEPROM
		Overall Defrost	Fn 4	North America : oFF Europe : oFF Tropical : oN	on, oFF	save in EEPROM
		ODU Addressing	Fn 5	0	0~255	save in EEPROM
		Snow Removal & Rapid Defrost	Fn 6	oFF	oFF, oP1~oP3	save in EEPROM
		Capacity Up Airflow Adjusting for IDU (Heating)	Fn 7	oFF	on, oFF	save in EEPROM
		Target Pressure Adjusting	Fn 8	oFF	oFF, oP1~oP6	save in EEPROM
		Low Ambient Kit	Fn 9	oFF	on, oFF	save in EEPROM
		High Efficiency Mode (Cooling Operation)	Fn 10	oFF	on, oFF	save in EEPROM
		Auto Dust Removal Mode	Fn 11	oFF	oFF, oP1~oP5	save in EEPROM
		Compressor Max. Frequency Limit	Fn 12	oFF	oFF, oP1~oP9	save in EEPROM
		ODU Fan Max. RPM Limit	Fn 13	oFF	oFF, oP1~oP7	save in EEPROM
		Smart Load Control	Fn 14	oFF	oFF, oP1~oP3	save in EEPROM
		Humidity Reference	Fn 16	on	on, oFF	save in EEPROM
Compressor Input Current Limit	Fn 20	oFF	oFF, oP1~oP10	save in EEPROM		
Optional Base panel Heater	Fn 23	oFF	on, oFF	save in EEPROM		
Service	SvC	Vacuum mode	SE3	vACC	-	1time / 1 Selection
User	Idu	Comfort Cooling	Id10	EACH	-	save in EEPROM

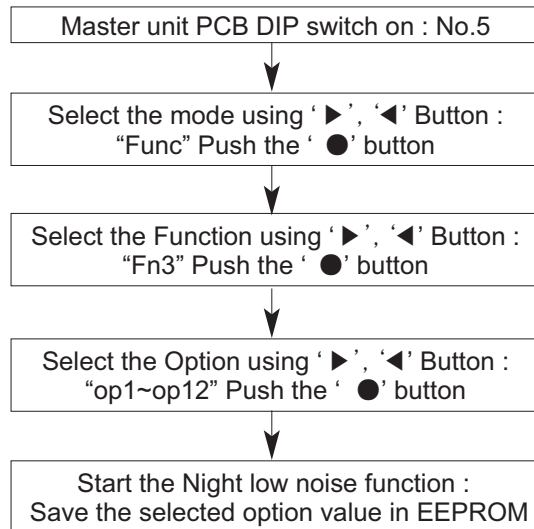
- Functions "save in EEPROM" will be kept continuously, though the system power was reset.
- For detail information about SVC and IDU setting functions, refer to the installation manual or SVC manual.

9. Setting the function

9.3 Night Low Noise Function

In cooling mode, this function makes the ODU fan operate at low RPM to reduce the fan noise of ODU at night which has low cooling load.

◆ Night low noise function setting method



◆ Time Settings

Step	Judgment Time(Hr)	Operation Time(Hr)
op1	8	9
op2	6.5	10.5
op3	5	12
op4	8	9
op5	6.5	10.5
op6	5	12
op7	8	9
op8	6.5	10
op9	5	12
op10	Continuous operation	
op11	Continuous operation	
op12	Continuous operation	

◆ Noise

Capacity	8HP(6Ton)	10 ~ 20 HP (8 ~ 16 Ton)	22 ~ 24 HP (18 ~ 20Ton)
Step	Noise(dB(A))		
op1 ~ op3, op10	55	59	60
op4 ~ op6, op11	52	56	57
op7 ~ op9, op12	49	53	55

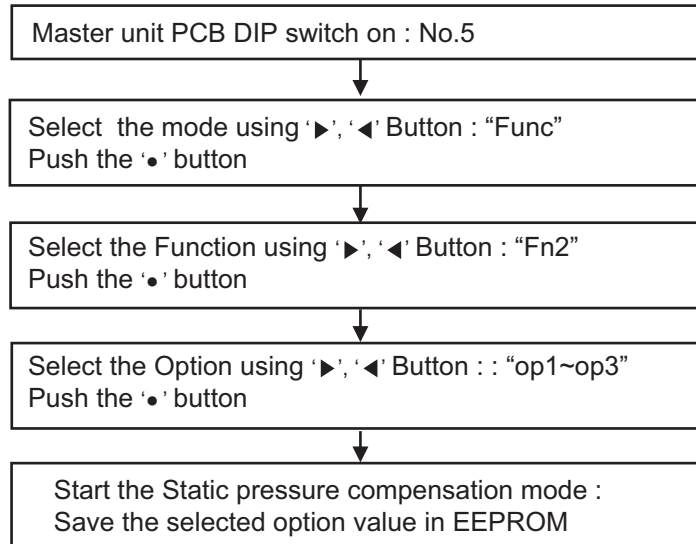
⚠ CAUTION

- Request installer to set the function during installation.
- If ODU RPM changes, cooling capacity may go down.

9. Setting the function

9.4 High Static Pressure Compensation Function

This function secures the air flow rate of ODU, in case static pressure has been applied like using duct at fan discharge of ODU.



◆ Fan Maximum RPM of each step

Step	External Static Pressure (Max, Pa)	Max. RPM	
		UXA	UXB
Standard	20	730	950
op 1	40	760	1020
op 2	60	780	1050
op 3	80	800	1130

MULTI V™ **5**

Special Guide

- 1. Cautions for Refrigerant Leaks**
- 2. Guide for installing at seaside**

1. Caution For Refrigerant Leaks

The installer and system specialist shall secure safety against leakage according to local regulations or standards. The following standards may be applicable if local regulations are not available.

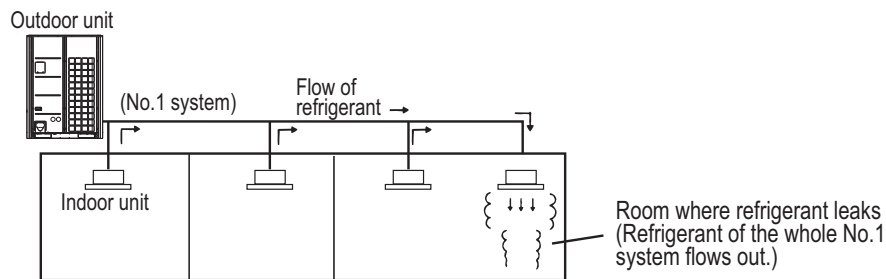
1.1 Introduction

Though the R410A refrigerant is harmless and incombustible itself, the room to equip the air conditioner should be large to such an extent that the refrigerant gas will not exceed the limiting concentration even if the refrigerant gas leaks in the room.

1.1.1 Concentration limit

Concentration limit is the limit of Freon gas concentration where immediate measures can be taken without hurting human body when refrigerant leaks in the air. The concentration limit shall be described in the unit of kg/m³ (Freon gas weight per unit air volume) for facilitating calculation.

Concentration limit : 0.44kg/m³(R410A)



1.2 Checking procedure of limiting concentration

Check concentration limit along following steps and take appropriate measure depending on the situation.

1.2.1 Calculate amount of all the replenished refrigerant (kg) per each refrigerant system.

Amount of pre-charged refrigerant per single system

+

Amount of additional replenished refrigerant

= Total amount of refrigerant in the system (kg)

Amount of replenished refrigerant at factory shipment

Amount of additionally replenished refrigerant depending on piping length or piping diameter by customer

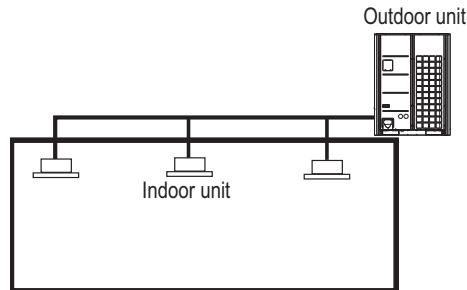
Note : In case one refrigerant facility is divided into 2 or more refrigerant systems and each system is independent, amount of replenished refrigerant of each system shall be adopted.

1. Caution For Refrigerant Leaks

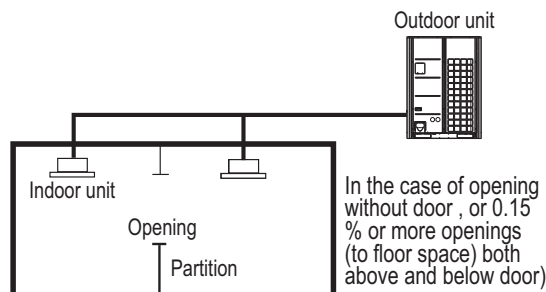
1.2.2 Calculate refrigerant concentration level

Calculate the volume of the room where indoor unit is installed as single room or the smallest room.

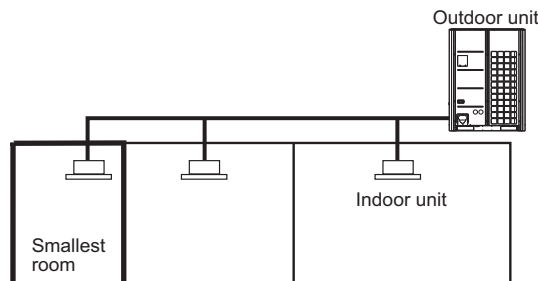
1. Without partition



2. With partition but opened which serve passage of air to adjoining room



3. With partition and without opening which serve as passage of air to adjoining room



◆ Calculate refrigerant concentration

$$\frac{\text{Total amount of refrigerant system (kg)}}{\text{Volume of smallest room where indoor unit is installed (m}^3\text{)}} \leq$$

$$\begin{matrix} \text{Maximum concentration} \\ \text{limit} \\ | \\ \text{(R410A)} \end{matrix} \quad (\text{kg/m}^3)$$

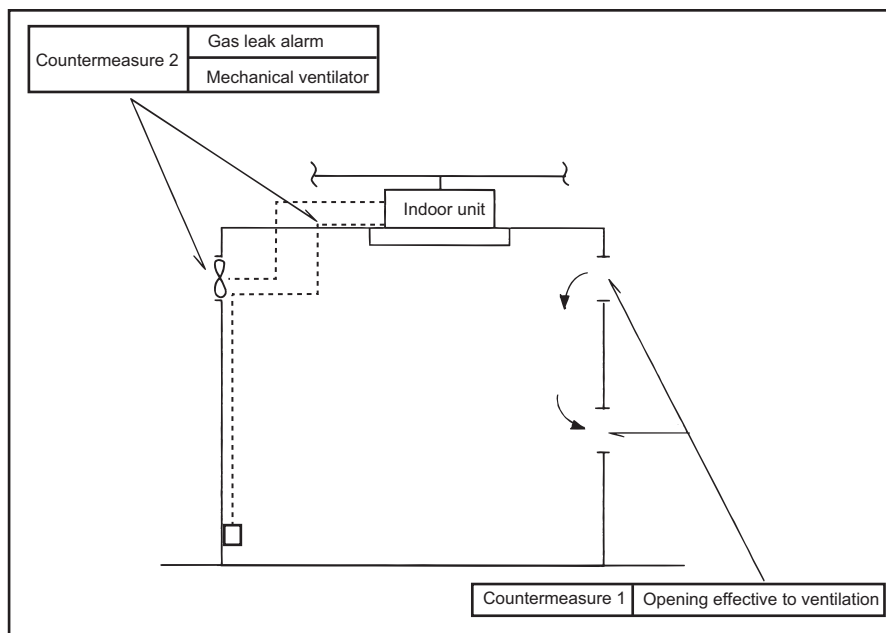
In case the result of calculation exceeds the concentration limit, perform the same calculations by shifting to the second smallest, and the third smallest rooms until at last the result is below the concentration limit.

1. Caution For Refrigerant Leaks

◆ In case the concentration exceeds the limit

When the concentration exceeds the limit, change original plan or take one of the counter measure shown below:

- **Counter measure 1**
Provide opening for ventilation.
Provide 0.15% or more size of opening to floor space both above and below door, or provide opening without door.
- **Counter measure 2**
Provide gas leak alarm linked with mechanical ventilator.
- **Counter measure 3**
Reducing the system's refrigerant quantity by deviding into smaller separate system.



⚠ CAUTION

Pay a special attention to the place, such as a basement, etc. where refrigerant can stay, since refrigerant is heavier than air.

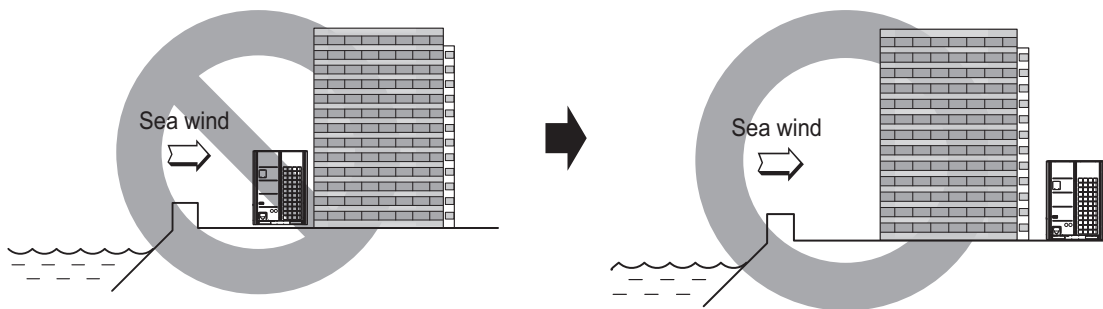
2. Guide for installing at seaside

⚠ CAUTION

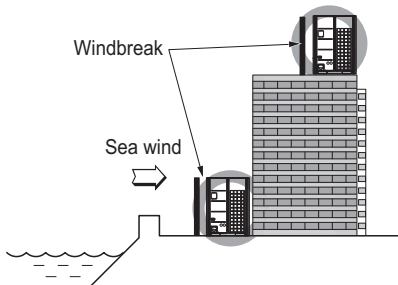
1. Air conditioners must not be installed in areas where corrosive gases, such as acid or alkaline gas, are produced.
2. Avoid installing the product where it could be exposed to sea wind (salty wind) directly. It can result corrosion on the product. Corrosion, particularly on the condenser and evaporator fins, could cause product malfunction or inefficient operation.
3. If outdoor unit is installed close to the seaside, should avoid direct exposure to the sea wind.

2.1 Selecting the location(Outdoor Unit)

1. If the outdoor unit is to be installed close to the seaside, direct exposure to the sea wind should be avoided. Install the outdoor unit on the opposite side of the sea wind direction.



2. In case, to install the outdoor unit on the seaside, set up a windbreak not to be exposed to the sea wind.



- It must be strong enough like concrete to prevent the sea wind from the sea.
- The height and width should be more than 150% of the outdoor unit.
- It must be kept more than 70 cm of distance between outdoor unit and the windbreak for smooth air flow.

3. Select a well-drained place.

⚠ CAUTION

Periodic (1 times per 6 months) cleaning of the dust or salt particles stuck on the heat exchanger is necessary by using clean water.

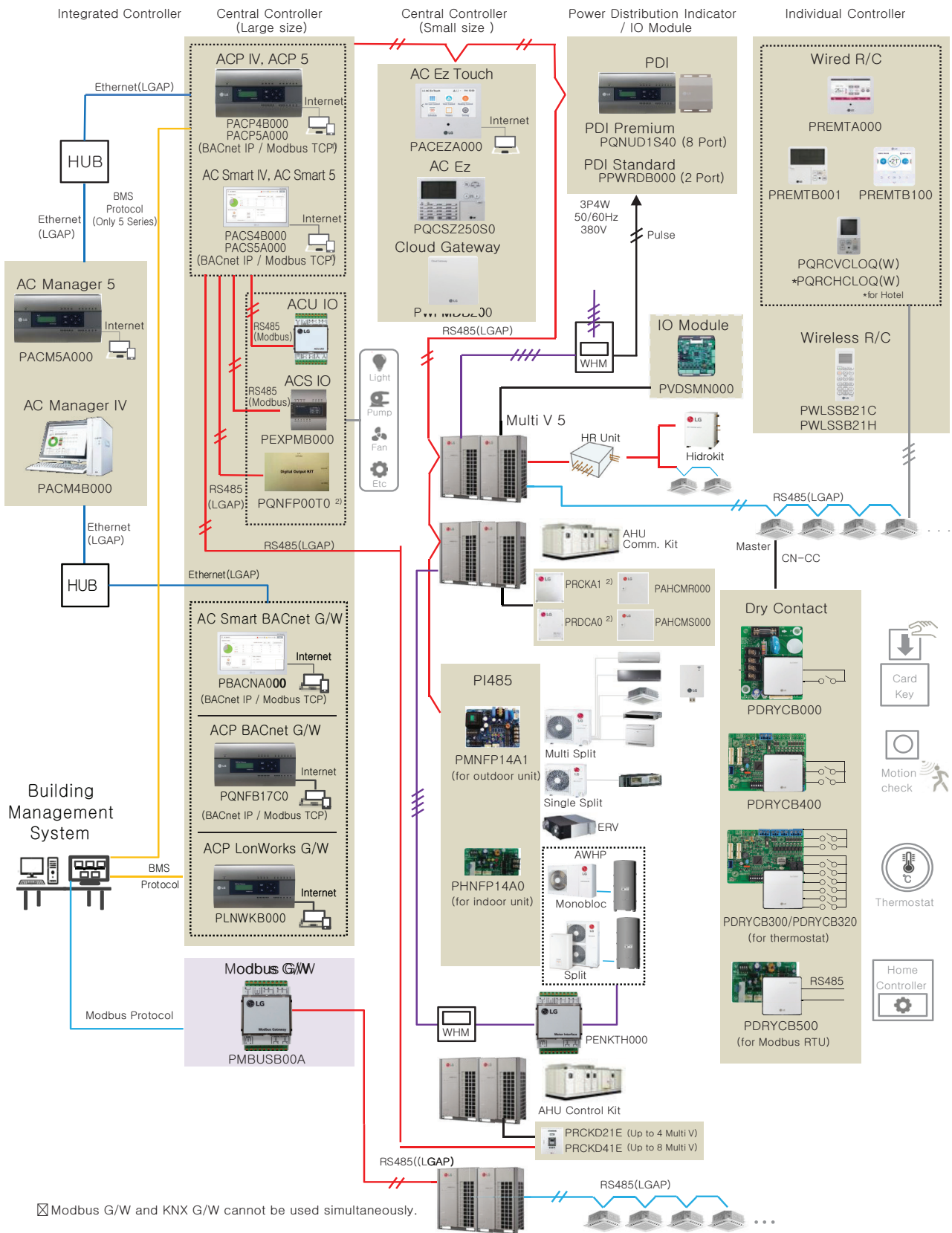
» If there is improper installation or maintenance not complying with the installation guide, product's performance and reliability is not guaranteed.

MULTI V™ **5**

Control System








- 1. Solution Overview**
- 2. Control System List**
- 3. Function List**
- 4. Accessory Compatibility List**
- 5. Centralized Controller Compatibility List**

1. Solution Overview



- 1) It is available 5 series controllers (ACP5, AC Smart5) only.
- If you need more detail, please refer to the Control PDB or the manual of product. (<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

2. Control System List

Category	Controller name	Model name	Compatible Product	Dimensions (W x H x D, mm)	Feature
Individual controller	Premium Wired Remote Controller	PREMTA000(A/B) 	All IDU ERV ¹⁾ ERV DX	137 x 121 x 16.5	<ul style="list-style-type: none"> 5 inch color Display Touch Screen Group control (Max 16 indoor unit) Temp./Humid. sensing
	Standard Wired Remote Controller	PREMTB100 PREMTBB10 	All IDU ERV ¹⁾ ERV DX	120 x 120 x 16	<ul style="list-style-type: none"> 4.3 inch color Display Touch button Group control (Max 16 indoor unit) Temp./Humid. sensing 1 Digital Output available(on/off)
		PREMTB001 PREMTBB01 	All IDU ERV ¹⁾ ERV DX	120 x 120 x 16	<ul style="list-style-type: none"> 4.3 inch mono Display Hard button Group control (Max 16 indoor unit) 2-remote controller control Temp. sensing Basic / Advanced function* schedule function
	Simple Wired Remote Controller	PQRCVCL0Q(W) 	All IDU	120 x 64 x 15	<ul style="list-style-type: none"> 2.6 inch mono Display Hard button Group control (Max 16 indoor unit) 2-remote controller control Temp. sensing Basic function*
		PQRCHCA0Q(W) 	All IDU	120 x 64 x 15	<ul style="list-style-type: none"> 2.6 inch mono Display Hard button Group control (Max 16 indoor unit) 2-remote controller control Temp. sensing Basic function* (except mode change)
	Wireless Remote Controller	PQWRHQ0FDB 	All IDU	153 x 51 x 26	<ul style="list-style-type: none"> Heat Pump 2 inch mono Display Hard button Temp. sensing Basic function*
		PQWRCQ0FDB 	All IDU	153 x 51 x 26	<ul style="list-style-type: none"> Cooling Only 2 inch mono Display Hard button Temp. sensing Basic function*

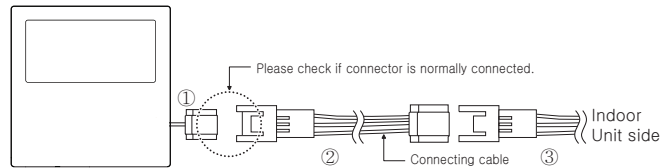
- 1) ERV : Energy Recovery Ventilation
- * Basic/Advanced function refer [Function List /Individual Controller].
- If you need more detail, please refer to the Control PDB or the manual of product.
(<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

2. Control System List

Outline of system

1. Installation Method

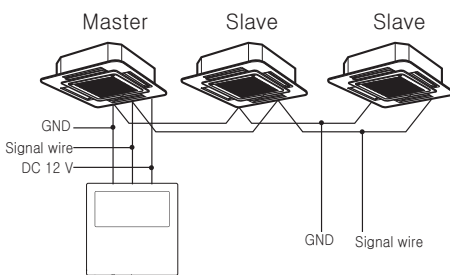
12 V	Red
Signal	Yellow
GND	Black



※ ① : AWG#24 / ②, ③ : AWG#22

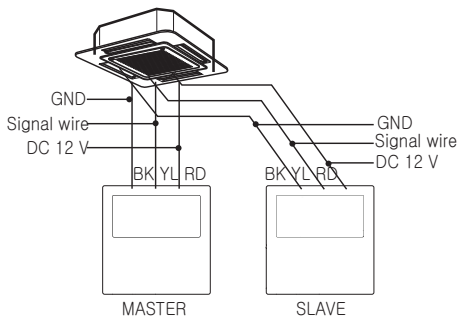
⇒ The total cable length must not exceed 50m. (It can cause communication error.)

2. Group Control



⇒ When controlling multiple indoor units with one remote controller, you must change the master/slave setting from the indoor unit.

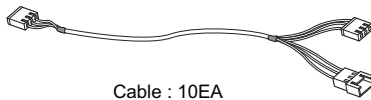
3. 2-Remote Controller Control



⇒ When installing more than 2 units of wired remote controller to one air conditioner, set one wired remote controller as master and the others all as slaves.

• 2-Remote Controller Control cable

- Model name : PZCWRC2
- Length : 0.25m



Cable : 10EA

• Extension cable

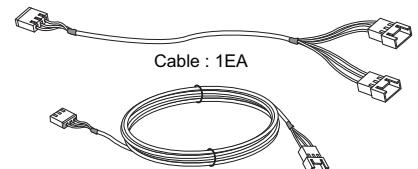
- Model name : PZCWRC1
- Length : 9.6m



Cable : 2EA

• Group Control cable

- Model name : PZCWRCG3
- Length : 0.25m









Cable : 1EA

Cable : 1EA

- If you need more detail, please refer to the Control PDB or the manual of product. (<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

2. Control System List

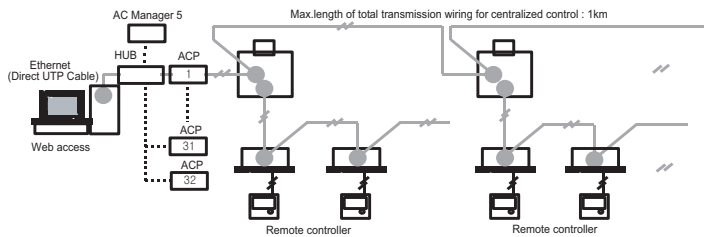
Category	Controller name	Model name	Compatible Product	Dimensions (W x H x D, mm)	Feature
Central controller	AC Manager 5	PACM5A000 	All IDU ERV ¹⁾ ERV DX Heating AHU Chiller*	270 x 155 x 65	<ul style="list-style-type: none"> PC Access Controller DC 12 V Adaptor Max 8,192 indoor unit control (Supports 32 ACP IV or AC Smart IV) Chrome(Recommended), Safari, Internet Explorer 11 support
	AC Manager IV	PACM4B000 	All IDU ERV ¹⁾ ERV DX Heating AHU Chiller*	-	<ul style="list-style-type: none"> PC installation SW Max 8,192 indoor unit control (Supports 32 ACP IV or AC Smart IV) Windows XP/7/8/8.1/10 OS support
	ACP 5	PACP5A000 	All IDU ERV ¹⁾ ERV DX Heating AHU Chiller*	270 x 155 x 65	<ul style="list-style-type: none"> PC Access Controller DC 12 V Adaptor Max 256 indoor unit control RS-485 : 6 channels CH1~4 : indoor unit ²⁾ CH5 : LGAP(AHU) or Modbus(AHU, Chiller, ACS I/O) CH6 : Modbus(AHU, Chiller, ACS I/O) DI 10EA, DO 4EA (DI1 : Emergency stop Only)
	ACP IV	PACP4B000 			
	ACP BACnet	PQNFB17C0 	All IDU ERV ¹⁾ ERV DX Heating AHU	270 x 155 x 65	<ul style="list-style-type: none"> PC Access Controller Max 256 indoor unit control DC 12 V Adaptor RS-485 : 6 channels CH1~4 : indoor unit ²⁾ CH5 : LGAP(AHU) CH6 : Modbus(AHU, Chiller, ACS I/O) DI 10EA, DO 4EA (DI1 : Emergency stop Only) BACnet IP Protocol Support Modbus TCP Protocol Support BTL Certified(B-ASC)
	ACP Lonworks	PLNWKB000 	All IDU ERV ¹⁾ ERV DX Heating AHU	270 x 155 x 65	<ul style="list-style-type: none"> PC Access Controller Max 64 indoor unit control DC 12 V Adaptor RS-485 : 6 channels Lon Comm. : 1 channel CH1~4 : indoor unit ²⁾ CH5 : LGAP(AHU) CH6 : Not use LON : Lon Talk Lonworks Protocol Support

- 1) ERV : Energy Recovery Ventilation
- 2) Indoor unit : IDU, ERV, DX ERV, Hydro Kit, DO Kit
- * It needs to apply Chiller Option KIT.
- If you need more detail, please refer to the Control PDB or the manual of product.
(<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

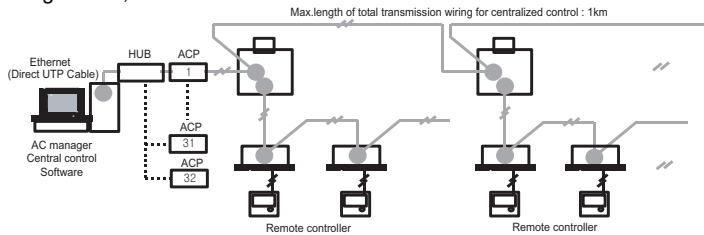
2. Control System List

Outline of system

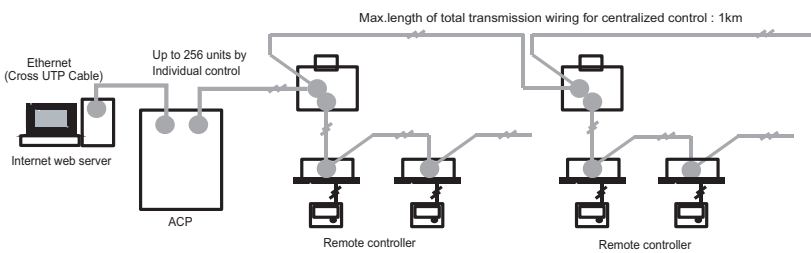
▶ When using a HUB, use Direct UTP Cable.



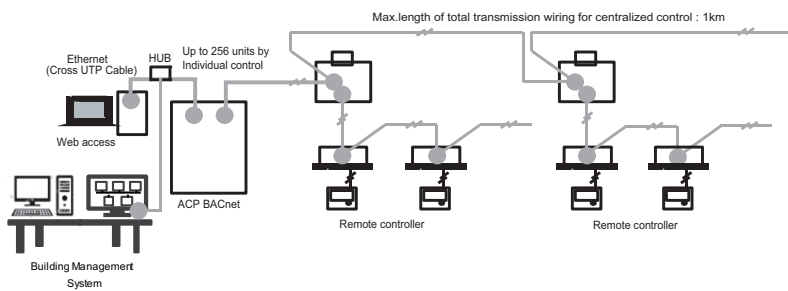
▶ When using a HUB, use Direct UTP Cable.



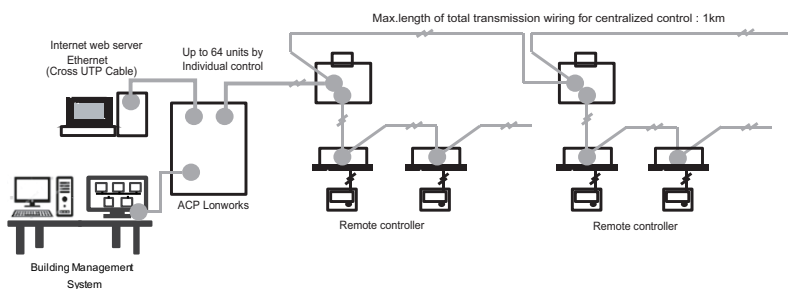
- Recommended PC Specifications for AC Manager IV
 - CPU : Dual Core 2.4GHz or faster
 - System Memory : 4 GB or more
 - Hard Disk Space : 100 GB or more
 - OS : Windows XP/7/8/8.1/10
 - Resolution : 1280 x 1024 or higher
 - Recommended Graphics: VGA: For NVidia, Geforce or later. For ATI, Radeon or later
 - ACP : ACP version 1.1.4p or higher



- Max. the number of connected node* in one RS485 Line : 32
- Communication cable
 - Types : shielding wire
 - Use wires of size : over 0.75 ~ 1.5 mm²
 - Max. allowable temperature of cable : 60 °C
 - Max. length of total transmission wiring (End to End) : 1 km




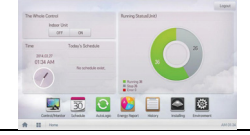





- Max. the number of connected node* in one RS485 Line : 32
- Communication cable
 - Types : shielding wire
 - Use wires of size : over 0.75 ~ 1.5 mm²
 - Max. allowable temperature of cable : 60 °C
 - Max. length of total transmission wiring (End to End) : 1 km



- Max. the number of connected node* in one RS485 Line : 32
- Communication cable
 - Types : shielding wire
 - Use wires of size : over 0.75 ~ 1.5 mm²
 - Max. allowable temperature of cable : 60 °C
 - Max. length of total transmission wiring (End to End) : 1 km

- * nodes : Central controller + (Multi V outdoor unit x 2) + Other PI 485 G/W ≤ 32 ea
Ex) ACP 1ea + AC Smart Premium 2 ea + Multi V outdoor unit 6ea = 1 + 2 + (6 x 2) = 15 nodes
- If you need more detail, please refer to the Control PDB or the manual of product.
(<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

2. Control System List

Category	Controller name	Model name	Compatible Product	Dimensions (W x H x D, mm)	Feature
Central controller	AC Smart 5	PACS5A000 	All IDU ERV DX Heating AHU Chiller*	253.2 x 167.7 x 28.9	<ul style="list-style-type: none"> • 10.2 inch color Display • Touch Screen • DC 12 V Adaptor • Max 128 indoor unit control • RS-485 : 2 channels CH1 : <ul style="list-style-type: none"> - LGAP(AHU) or - Modbus(AHU, Chiller, ACS I/O) - Indoor unit ²⁾(AC Smart5 only³⁾) CH2 : Indoor unit ²⁾ • DI 2EA, DO 2EA
	AC Smart IV / AC Smart BACnet	PACS4B000 / PBACNA000 			
	AC Ez Touch	PACEZA000 	All IDU ERV ¹⁾ ERV DX Heating	137x 121 x 25	<ul style="list-style-type: none"> • 5inch color Display • Touch Screen • DC 12 V Adaptor • Max 64 indoor unit control • RS-485 : 1 channel • DI 1EA (Emergency stop Only)
	AC Ez	PQCSZ250S0 	All IDU ERV ¹⁾ ERV DX	190 x 120 x 20	<ul style="list-style-type: none"> • TN Mono Display & 18 LED • Button Control • DC 12 V • Max 32 indoor unit control • RS-485 : 1 channel
	PDI Premium	PQNUD1S40 	All IDU ERV DX Heating	[Controller] 270 x 155 x 65 [Power Module] 120 x 155 x 65	<ul style="list-style-type: none"> • EHP ODU 8EA(GHP 4EA) • 128 EHP Indoor Units (64 GHP Indoor Units) • AC 220~240 V Power Input • 8port Pulse Input
	PDI Standard	PPWRDB000 	All IDU ERV DX Heating	[Controller] 270 x 155 x 65 [Power Module] 120 x 155 x 65	<ul style="list-style-type: none"> • EHP ODU 2EA(GHP 1EA) • 128 EHP Indoor Units (64 GHP Indoor Units) • AC 220~240 V Power Input • 2port Pulse Input
	Cloud Gateway	PWFMDB200 	All IDU	120 x 120 x 29	<ul style="list-style-type: none"> • 12V DC • Max 16 indoor units • RS485 : 1 channel (LGAP) • Wired/Wireless LAN






- * It needs to apply Chiller Option KIT.
- 1) ERV : Energy Recovery Ventilation
- 2) Indoor unit : IDU, ERV, DX ERV, Heating
- 3) In case of using AC Smart IV or AC Smart BACnet, can't use CH1 for Indoor unit.
- If you need more detail, please refer to the Control PDB or the manual of product.
(<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

2. Control System List

Outline of system	
<p>Up to 128 units by individual control</p> <p>AC Smart IV</p> <p>Remote controller</p> <p>Remote controller</p> <p>Max. length of total transmission wiring for centralized control : 1km</p>	<ul style="list-style-type: none"> • Communication cable <ul style="list-style-type: none"> – Types : shielding wire – Use wires of size : over 0.75 ~ 1.5 mm² – Max. allowable temperature of cable : 60°C – Max. length of total transmission wiring (End to End) : 1 km
<p>Up to 64 units by individual control</p> <p>AC Ez Touch</p> <p>Remote controller</p> <p>Remote controller</p> <p>Max. length of total transmission wiring for centralized control : 1km</p>	<ul style="list-style-type: none"> • Communication cable <ul style="list-style-type: none"> – Types : shielding wire – Use wires of size : over 0.75 ~ 1.5 mm² – Max. allowable temperature of cable : 60°C – Max. length of total transmission wiring (End to End) : 1 km
<p>Up to 32 units by individual control</p> <p>AC Ez</p> <p>Remote controller</p> <p>Remote controller</p> <p>Max. length of total transmission wiring for centralized control : 1km</p>	<ul style="list-style-type: none"> • Communication cable <ul style="list-style-type: none"> – Types : shielding wire – Use wires of size : over 0.75 ~ 1.5 mm² – Max. allowable temperature of cable : 60°C – Max. length of total transmission wiring (End to End) : 1 km
<p>Power In single phase 220~240 V~, 50/60 Hz</p> <p>Power In 3 phase 4 wire 380~400 V~, 50/60 Hz</p> <p>Wattmeter</p> <p>RS485 (LGAP)</p> <p>Pulse signal</p> <p>Pulse signal</p> <p>Power cable of indoor unit</p> <p>(00) (01) (02) (03)</p> <p>(70) (71) (72) (73)</p> <p>RS485 (LGAP)</p> <p>AC MANAGER</p> <p>ACP</p>	<ul style="list-style-type: none"> • Communication cable <ul style="list-style-type: none"> – Types : shielding wire – Use wires of size : over 0.75 ~ 1.5 mm² – Max. allowable temperature of cable : 60°C – Max. length of total transmission wiring (End to End) : 1 km • Pulse cable <ul style="list-style-type: none"> – Types : shielding wire – Use wires of size : over 0.75 ~ 1.5 mm² – Max. allowable temperature of cable : 60°C – Max. length of total transmission wiring (End to End) : 10 m
<p>Up to 16 units by individual control</p> <p>Cloud Gateway</p> <p>Remote controller</p> <p>Remote controller</p> <p>Max. length of total transmission wiring for centralized control : 1km</p>	<ul style="list-style-type: none"> • Communication cable <ul style="list-style-type: none"> – Types : shielding wire – Use wires of size : over 0.75 ~ 1.5 mm² – Max. allowable temperature : 60°C – Max. length of total RS485 transmission wiring (End to End) : 1km

- * The maximum quantity of connected indoor unit is different depending on the quantity of connected I/O modules
- If you need more detail, please refer to the Control PDB or the manual of product. (<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

2. Control System List

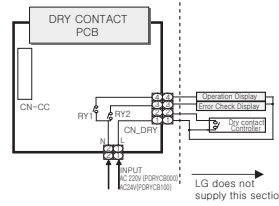
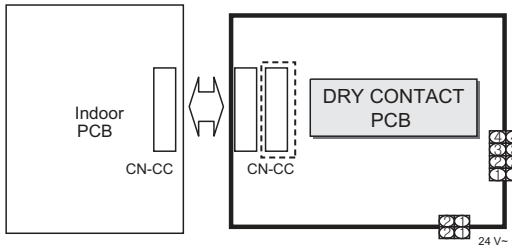
Category	Controller name	Model name	Objective / Use	Dimensions (W x H x D, mm)	Feature
Interface Device	Dry Contract	PDRYCB000 PDRYCB100 	For Connect indoor unit to other forced on/off controller	120 x 120 x 36.5	<ul style="list-style-type: none"> • 1SET / 1 IDU • 1 Contact point • Input power AC 220V~240 V <ul style="list-style-type: none"> – PDRYCB000 : AC 220V~240V – PDRYCB100 : AC 24V • 2 output contacts(operation, error)
		PDRYCB300 	For Connect Indoor unit to Other Thermostat Controller. (Available from Multi V II series)	120 x 120 x 36.5	<ul style="list-style-type: none"> • 1SET / 1 IDU • 8 Contact point • No need AC input • Target temperature setting is possible • 2 output contacts(operation, error)
		PDRYCB400 	For Connect Indoor unit to other Forced on/off Controller. (Available from Multi V II series)	120 x 120 x 36.5	<ul style="list-style-type: none"> • 1SET / 1 IDU • 2 Contact point • No need AC input • Target temperature setting is possible • 2 output contacts(operation, error)
		PDRYCB500 	For Connect Indoor unit to external controller. (Available from Multi V II series)	120 x 120 x 36.5	<ul style="list-style-type: none"> • 1SET / 1 IDU • 2 wire RS-485 • MODBUS • Address range (01~08)
	Remote Temperature Sensor	PQRSTA0 	Sensor for detecting the room temperature	70 x 120 x 14.8	

- If you need more detail, please refer to the Control PDB or the manual of product.
(<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

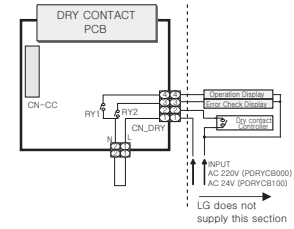
2. Control System List

Outline of system

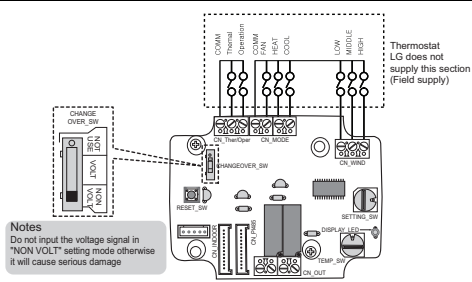
Connect CN-CC with Indoor PCB by the cable(provided)
 - Connection of Dry contact only



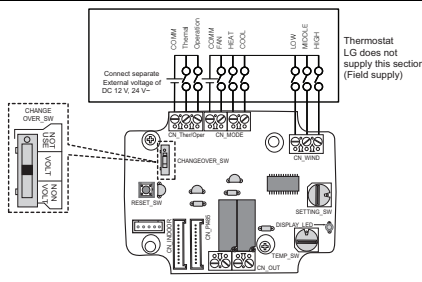
To Apply Power Source through PCB



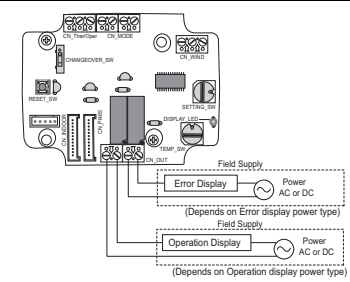
To Apply Power Source Directly to External Source



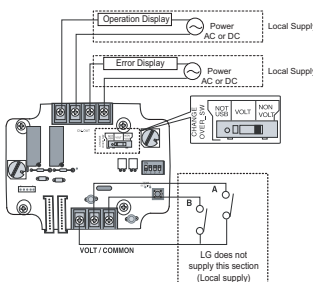
For no Power Contact Point signal Input



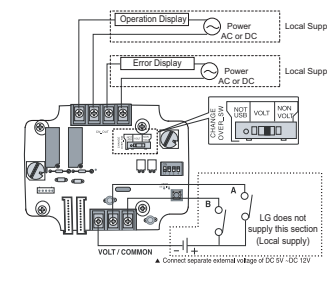
For Power Contact Point signal Input



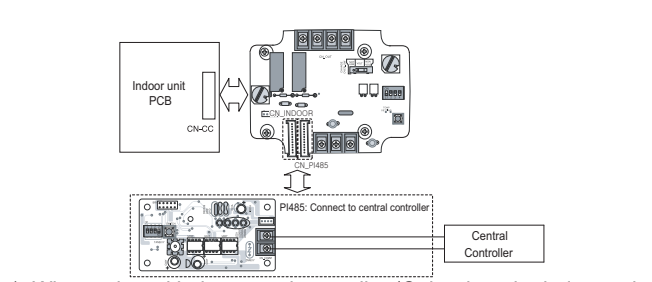
Indoor Unit Monitoring



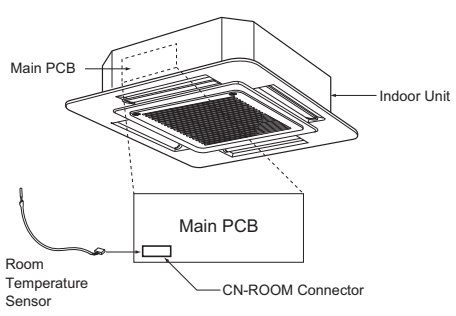
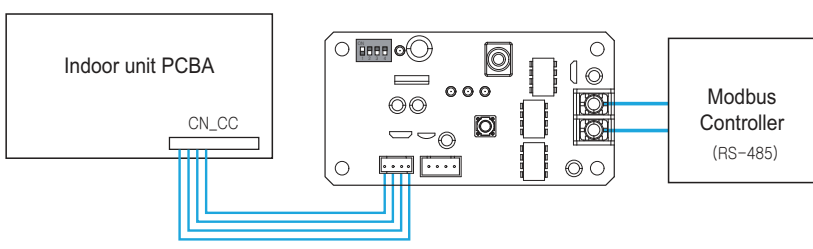
In Case Non Voltage Signal



In Case Voltage Signal





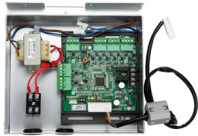


▶ When using with the central controller (Only when the indoor unit PCB is a non-communication model)



CAUTION
 Remote temperature sensor only applied to
 Cassette and Duct products.

- If you need more detail, please refer to the Control PDB or the manual of product.
 (<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

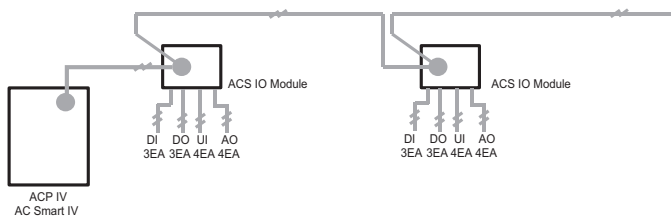
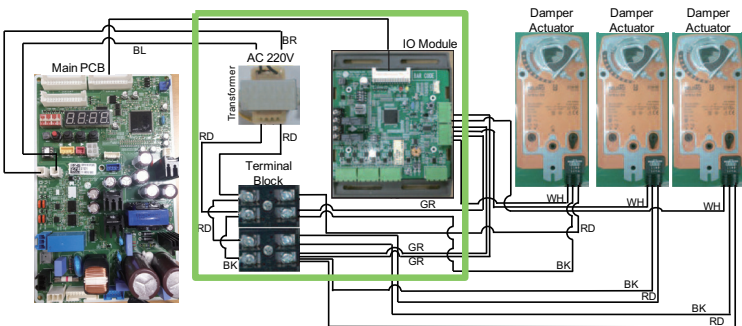
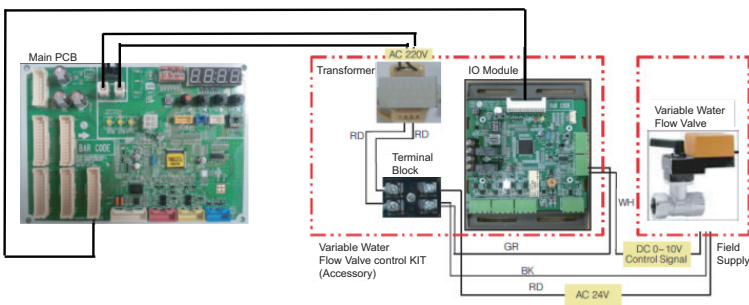
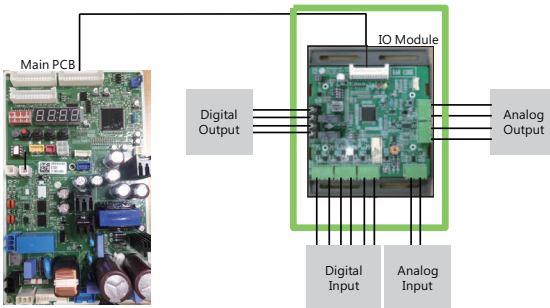
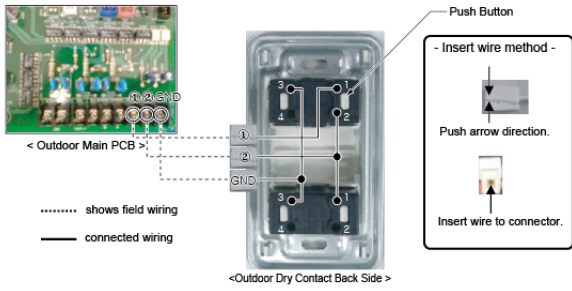
2. Control System List

Category	Controller name	Model name	Objective / Use	Dimensions (W x H x D, mm)	Feature
Interface Device	Cool/Heat Selector	PRDSBM 	To Select Operation Mode	74 x 120 x 103	<ul style="list-style-type: none"> • Push Button Type • Mode : Cooling, Heating, Fan
	IO(Input/Output) Module	PVDSMN000 	Expansion IO function (Available from Multi V IV series)	126 x 155 x 33	<ul style="list-style-type: none"> • AO 2EA (Voltage) • AI 2EA (Voltage) • DI 6EA (DryContact) • DO 2EA (operation, error) Relay Output / Normal Open
	Variable Water Flow Valve Control Kit ¹⁾	PWFCKN000 	Variable Water Flow Valve (Available from Multi V Water IV series)	218 x 200 x 85	<ul style="list-style-type: none"> • AO 2EA (Voltage) • AI 2EA (Voltage) • DI 6EA (DryContact) • DO 2EA (operation, error) Relay Output / Normal Open
	Low Ambient Control Kit	PRVC2 	Low Ambient (Available from Multi V IV series)	126 x 155 x 33	<ul style="list-style-type: none"> • AO 2EA (Voltage) • AI 2EA (Voltage) • DI 6EA (DryContact) • DO 2EA (operation, error) Relay Output / Normal Open
	ACS I/O Module	PEXPMB000 	ACP 5 ACP IV AC Smart 5 AC Smart IV	126 x 155 x 65	<ul style="list-style-type: none"> • 24 V~ Power Input • AO 4EA (Voltage) • UI 4EA (Voltage, Current, NTC 10k, PT1000, Ni1000, Dry Contact) • DI 3EA (Dry Contact) • DO 3EA (Relay Output / Normal Open) • RS-485 : 1 channel(Modbus)

- 1) It is available Multi V Water Outdoor unit only.
- If you need more detail, please refer to the Control PDB or the manual of product.
(<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

2. Control System List





Outline of system



- ACP IV : Up to 16 ACS IO Modules*
- AC Smart IV : Up to 9 ACS IO Modules*
- Communication cable
 - Types : shielding wire
 - Use wires of size : over 0.75 ~ 1.5 mm²
 - Max. allowable temperature : 60°C
 - Max. length of total transmission wiring for centralized control : 1km
 - Max. length of I/O wiring : 100m

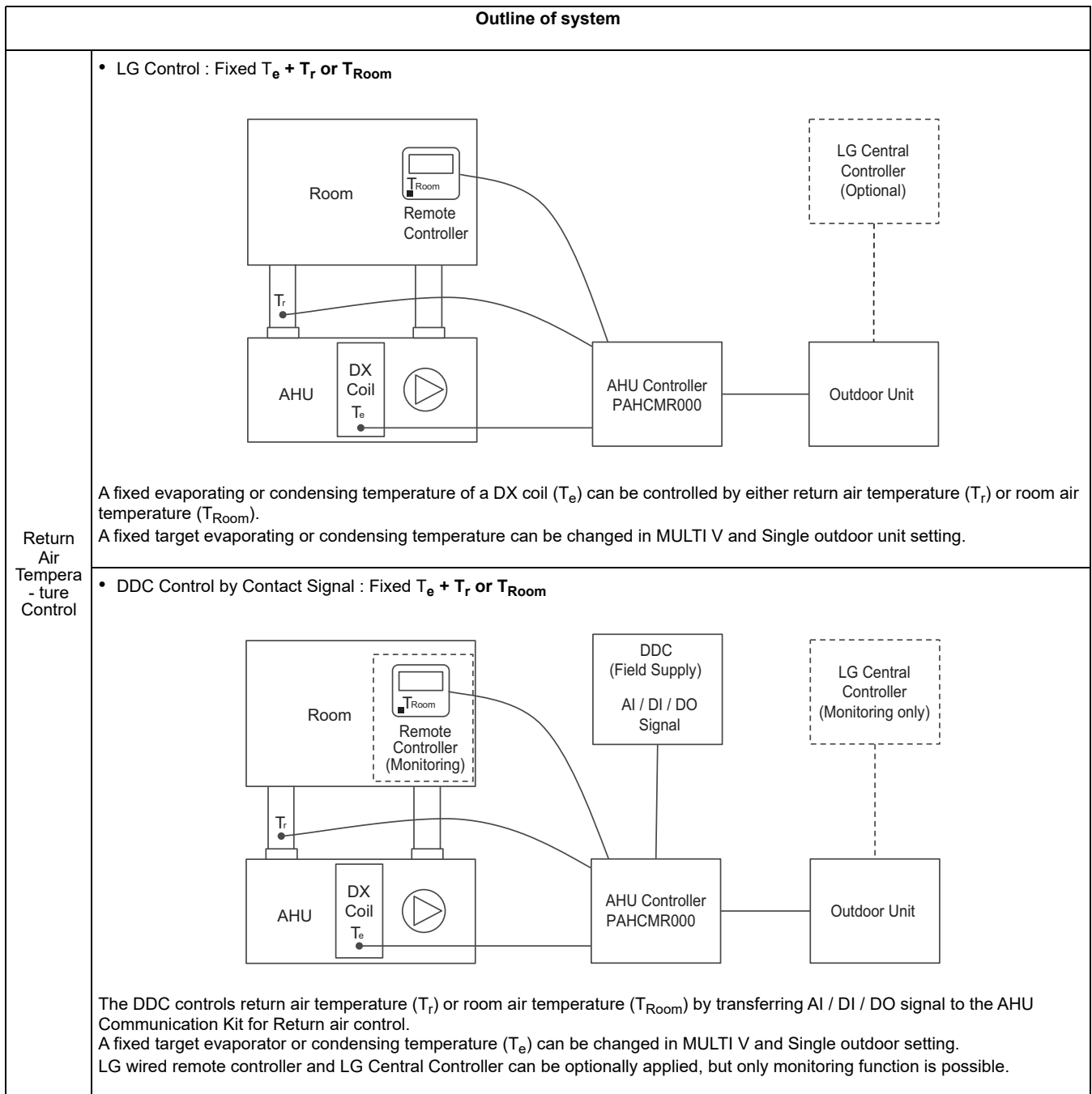
• If you need more detail, please refer to the Control PDB or the manual of product.
(<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

2. Control System List

Category	Controller name	Model name	Objective / Use	Dimensions (W x H x D, mm)	Feature
Interface Device	AHU Comm. Kit	PAHCMR000  <Product cover>  <Communication Module>	Return Air Temperature Control	300 X 300 X 155	<ul style="list-style-type: none"> • UI 4EA (AI/DI) • DO 3EA (Relay, A type) • T/B Spring Push Type
	AHU Comm. Kit	PAHCMS000  <Product cover>  <Main Module(left) and Communication Module(right)>	Discharge Air Temperature Control	380 X 300 X 155	<ul style="list-style-type: none"> • UI 15EA (AI/DI) • DI 3EA (Dry Contact) • DO 9EA (Relay,A type 8EA, C type 1EA) • AO 6EA (0~10V) • T/B Spring Push Type

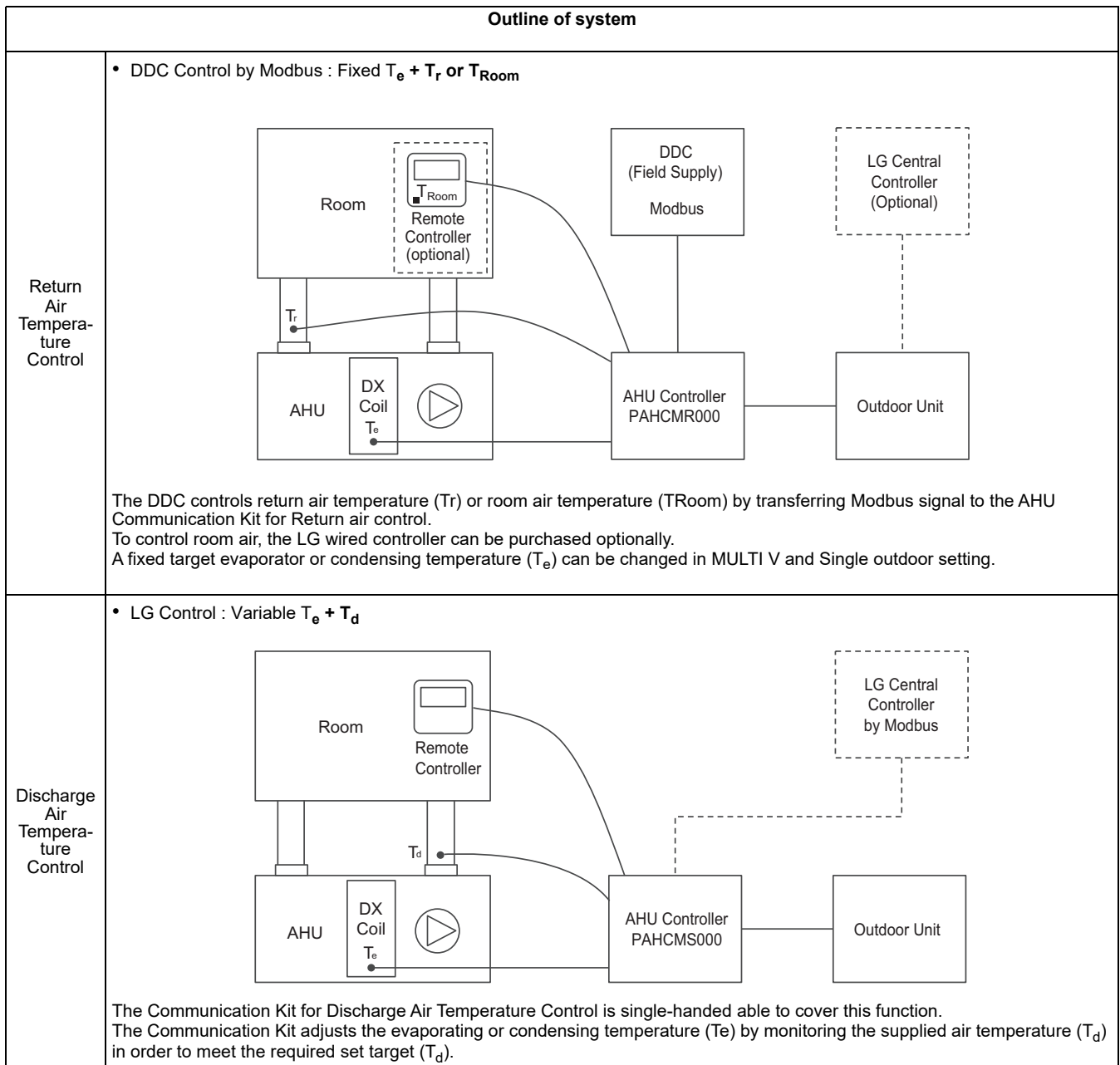
- If you need more detail, please refer to the Control PDB or the manual of product.
(<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

2. Control System List



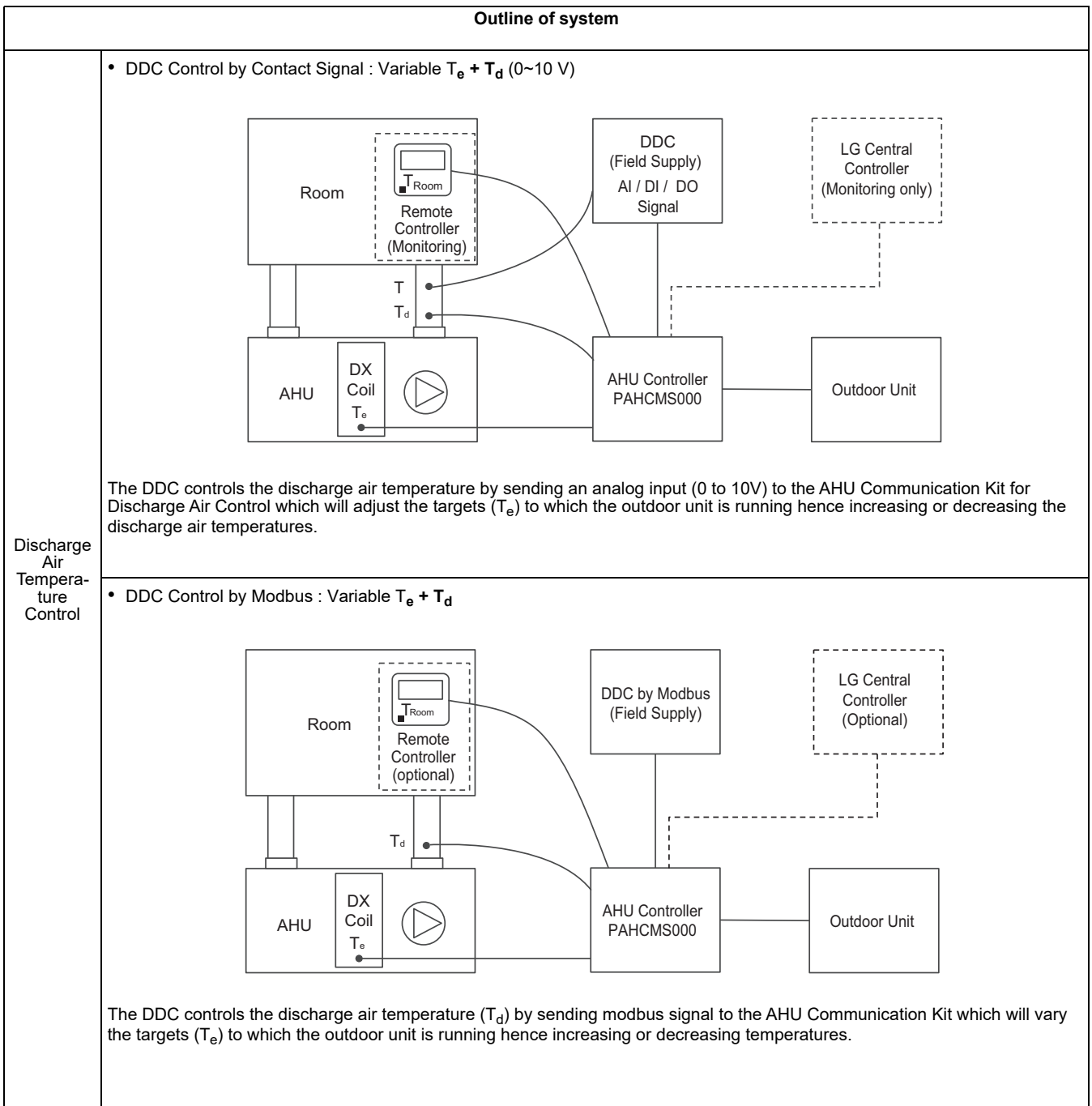
- If you need more detail, please refer to the Control PDB or the manual of product.
(<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

2. Control System List




- If you need more detail, please refer to the Control PDB or the manual of product.
(<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))


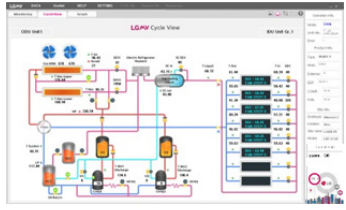
2. Control System List



- If you need more detail, please refer to the Control PDB or the manual of product. (<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

2. Control System List

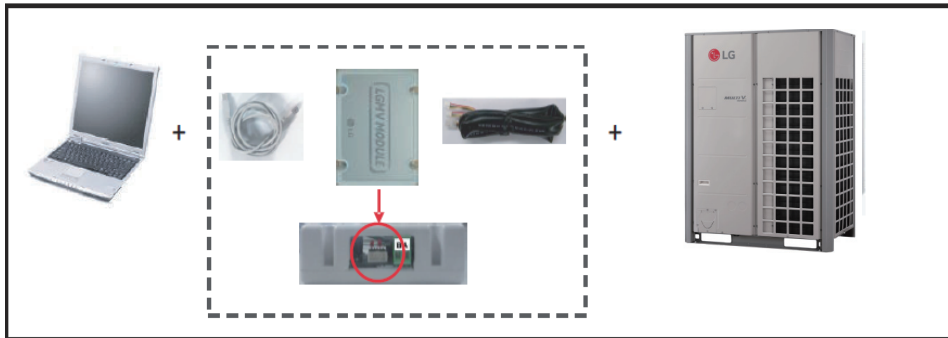
Category	Controller name	Model name	Objective /Use	Dimensions (W x H x D, mm)	Feature
Maintenance Accessory	LGMV	PRCTI10 	LGMV data monitoring via Personal Computer	105 x 78 x 36	<ul style="list-style-type: none"> Length of cable : 1m (3m extension cable is included) RS232(ODU), RS485(IDU) support USB type of connection are possible.

Category	Connected device	Installation Method	Feature
Maintenance Accessory	PC Program  	<ul style="list-style-type: none"> Web Install <ul style="list-style-type: none"> Connect to homepage (http://partner.lge.com) and select HVAC category then downloaded installation file on software menu. Automatic Install <ul style="list-style-type: none"> The accessory application program supports for automatic updates. CD Install <ul style="list-style-type: none"> It can be installed on from CD. 	<ul style="list-style-type: none"> Minimum Specification <ul style="list-style-type: none"> Windows XP MS Office 2003 Recommended Specification <ul style="list-style-type: none"> Windows7 (Win10 is possible) MS Office 2007 Resolution <ul style="list-style-type: none"> 2048 x 1536 (optimization) 1024 x 768 Basic specification <ul style="list-style-type: none"> CPU 1 GHz RAM 1 GB

- If you need more detail, please refer to the Control PDB or the manual of product. (<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

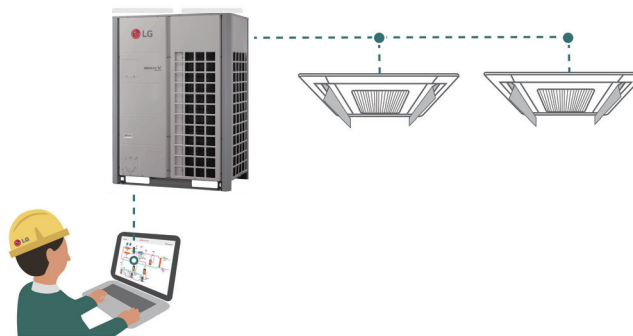
2. Control System List

Outline of system



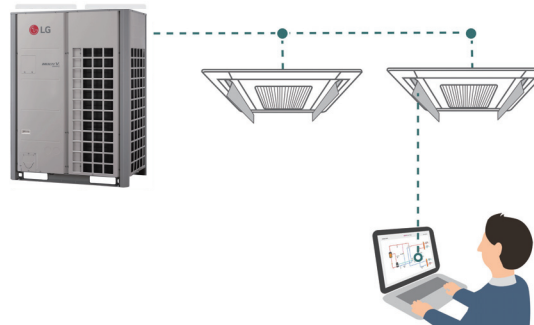
1. Outdoor connection

Connect LGMV cable to Multi V PCB LGMV port




2. Indoor unit connection


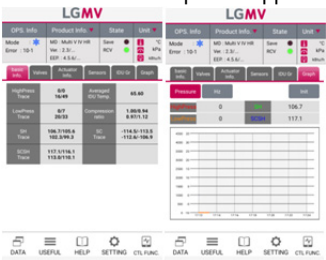
Connect LGMV cable to Multi V Indoor unit communication port



- If you need more detail, please refer to the Control PDB or the manual of product.
(<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

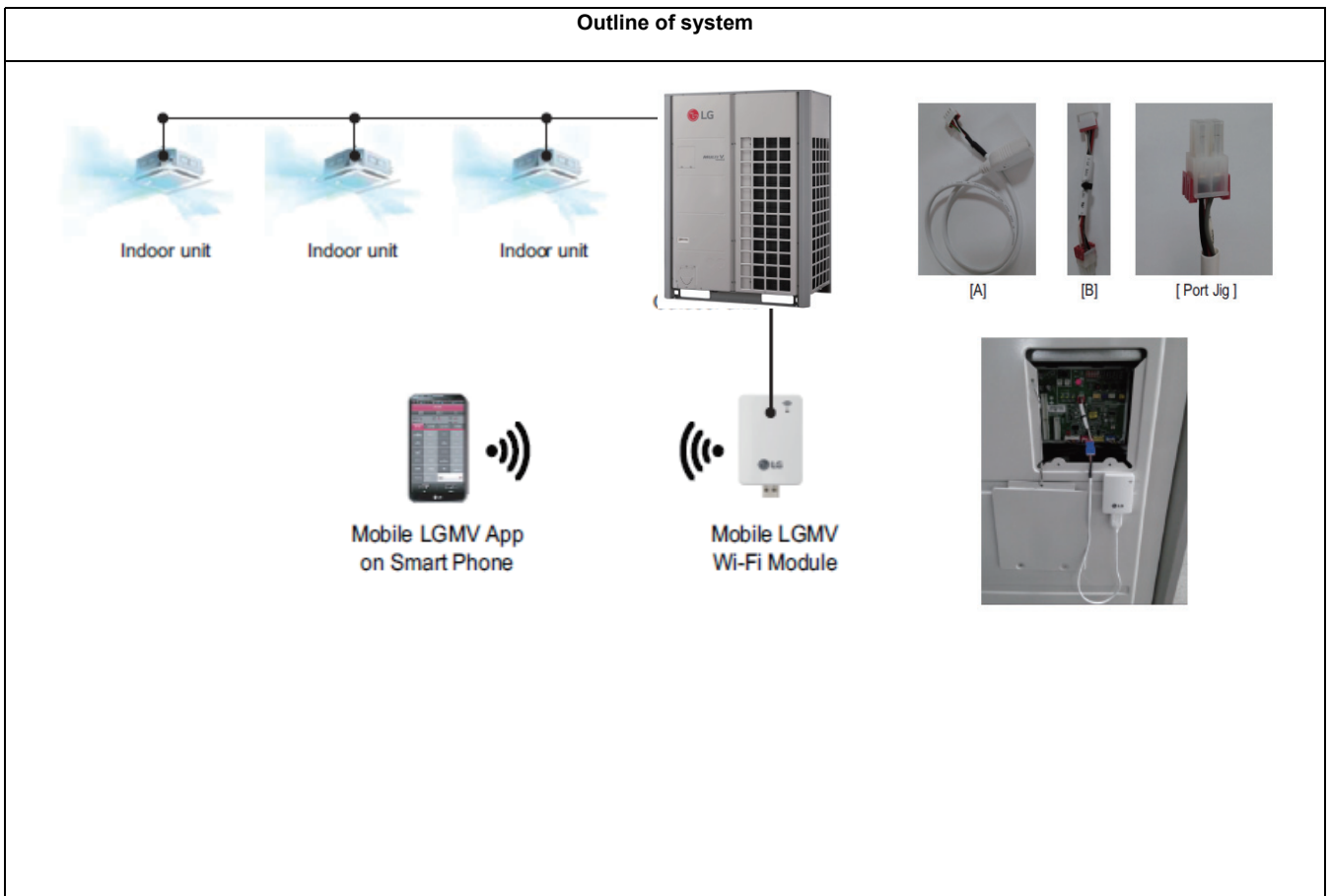
2. Control System List

Category	Controller name	Model name	Objective /Use	Dimensions (W x H x D, mm)	Feature
Maintenance Accessory	Mobile LGMV	PLGMVW100 	LGMV monitoring via mobile device	48 x 78 x 14.5	<ul style="list-style-type: none"> The effective distance for wireless communication is 10m The effective distance may be reduced by the communication environment.

Category	Connected device	Installation Method	Feature
Maintenance Accessory	iOS App. (iPad only) 	Tap the app Store icon on the screen. And then Search 'mobile lgmv'	<ul style="list-style-type: none"> Minimum Specification <ul style="list-style-type: none"> iOS 7.1 Recommended Specification <ul style="list-style-type: none"> iOS 7.1/8.0/8.1 Resolution <ul style="list-style-type: none"> 2048 x 1536 (optimization) 1024 x 768
	Android mobile phone App. 	Tap the Play Store icon on the screen. And then Search 'mobile lgmv'	<ul style="list-style-type: none"> Basic specification <ul style="list-style-type: none"> Phone: Android OS 2.2 Pad: Android 4.4.2(Kitkat) CPU 1 GHz RAM 1 GB Recommended Specification <ul style="list-style-type: none"> Android OS 4.4.2(Kitkat) or higher, CPU 1 GHz Dual Core or higher, RAM 1 GB or higher 1280 x 720, 800 x 480 resolution (Optimized)

- If you need more detail, please refer to the Control PDB or the manual of product. (<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))







2. Control System List



- If you need more detail, please refer to the Control PDB or the manual of product. (<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

3. Function List





Individual Controller

Controller Name		Premium Wired Remote Controller	Standard Wired Remote Controller		Simple Wired Remote Controller	Simple Wired Remote Controller	Wireless Remote Controller
Product Image							
Model Name		PREMTA000 PREMTA000A PREMTA000B	PREMTB100 PREMTBB10	PREMTB001 PREMTBB01	PQRCVCL0Q PQRCVCL0QW	PQRCHCA0Q PQRCHCA0QW	PQWRHQ0FDB
Basic	On / Off	O	O	O	O	O	O
	Fan Speed Control	O	O	O	O	O	O
	Temperature Setting	O	O	O	O	O	O
	Mode Change	O	O	O	O	X	O
	Auto Swing	O	O	O	O	O	O
	Vane Control (Louver Angle)	O	O	O	O	O	O
	E.S.P (External Static Pressure)	O	O	O	O	O	X
	Electric Failure Compensation	O	O	O	O	O	X
	Indoor Temperature Display	O	O	O	O	O	O
	ALL Button Lock (Child Lock)	O	O	O	O	O	X
Advanced	Schedule / Timer	O	O	O	X	X	O
	Additional Mode Setting*	O	O	O	X	X	X
	Time Display	O	O	O	X	X	O
	humid. Display	O	O	X	X	X	X
	Advanced Lock (mode, set point, set point range, on/off Lock)	Advanced Lock	Advanced Lock	Mode Lock	X	X	X
	Filter Sign	O	O	O	X	X	X
	EnergyManagement **	O	O	O	X	X	X
	Dual Set point	O	O	X	X	X	X
	Human Detection	X	O	X	X	X	X
	Temp, Humidity compensation	O	O	X	X	X	X
	Wifi AP mode setting	O	O	O	O	O	O
ETC	Operation StatusLED	O	O	O	O	O	X
	Wireless Remote Controller Receiver	O***	X	O***	O***	O***	X
	Display	5 inch Color Display	4.3 inch Color Display	4.3 inch mono Display	2.6 inch mono Display	2.6 inch mono Display	2 inch mono Display
	Size (W x H x D, mm)	137 x 121 x 16.5	120 x 120 x 16	120 x 120 x 15	64 x 120 x 15	64 x 120 x 15	51 x 153 x 26
	Black Light Control for Screen Saver	O	O	X	X	X	X

- O : Applied X : Not applied
- * It might not be indicated or operated at the partial product
- ** Centralized control (PACS5A000 / PACS4B000 / PACP5A000 / PACP4B000 / PQNFB17C0 / PLNWKB000) and PDI (PQNUD1S40 / PPWRDB000) should be installed for this function
- *** For ceiling type duct
- Indoor unit should have functions requested by the controller
- If you need more detail, please refer to the Control PDB or the manual of product.
(<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))





3. Function List

■ Central Controller

Controller Name	AC Ez	AC Ez touch	AC Smart IV	AC Smart 5 ²⁾
Product Image				
Model Name	PQCSZ250S0	PACEZA000	PACS4B000	PACS5A000
Maximum Number of Indoor Units	32	64	128	128
Individual / Group Control (On & Off, Mode, Set Point, Fan Speed)	O	O	O	O
Individual Controller Lock	O (All)	O (Temperature, Mode, Fan, All)	O (Temperature, Mode, Fan, All)	O (Temperature, Mode, Fan, All)
Error Check	O	O	O	O
Mode Change	O	O	O	O
Schedule	8 Event	Daily, Weekly, Monthly, Yearly, Exception day	Daily, Weekly, Monthly, Yearly, Exception day	Daily, Weekly, Monthly, Yearly, Exception day
Operation History	X	X	O	O
Visual Navigation	X	X	O	O
Operation Time Limit	X	X	O	O
Temperature Limit	X	O	O	O
Remote Access ¹⁾	X	PC SW	Web	Web
Auto Changeover / Setback	X	O	O	O
Power Consumption Monitoring (with PDI)	X	O	O	O
Energy navigation	X	X	O	O
Interlock Control	X	X	O	O
Virtual Group Control	X	X	O	O
Emergency Alarm Display	X	O	O	O
ACS I/O Module Interlocking	X	X	O	O
External IO Port No.	X	DI 1EA	DI 2EA DO 2EA	DI 2EA DO 2EA
Connectable Products	Air conditioner ERV ERV DX	Air conditioner ERV ERV DX Hydro kit	Air conditioner ERV ERV DX Hydro kit AHU Chiller*	Air conditioner ERV ERV DX Hydro kit AHU Chiller*

- O : Applied X : Not applied
- 1) Assignment of public IP address is required to access central controller through internet.
- 2) Without additional device, ACP 5 and AC Smart 5 provide BACnet IP and Modbus TCP interface for BMS.
- * It needs to apply Chiller Option KIT.
- If you need more detail, please refer to the Control PDB or the manual of product.
(<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

3. Function List

Controller Name	ACP IV	ACP 5 ²⁾	AC Manager IV	AC Manager 5
Product Image				
Model Name	PACP4B000	PACP5A000	PACM4B000	PACM5A000
Maximum Number of Indoor Units	256	256	8,192	8,192
Individual / Group Control (On & Off, Mode, Set Point, Fan Speed)	O	O	O	O
Individual Controller Lock	O (Temperature, Mode, Fan, All)	O (Temperature, Mode, Fan, All)	O (Temperature, Mode, Fan, All)	O (Temperature, Mode, Fan, All)
Error Check	O	O	O	O
Mode Change	O	O	O	O
Schedule	Daily, Weekly, Monthly, Yearly, Exception day	Daily, Weekly, Monthly, Yearly, Exception day	Daily, Weekly, Monthly, Yearly, Exception day	Daily, Weekly, Monthly, Yearly, Exception day
Operation History	O	O	O	O
Visual Navigation	O	O	O	O
Operation Time Limit	O	O	O	O
Temperature Limit	O	O	O	O
Remote Access ¹⁾	Web	Web	PC SW	Web
Auto Changeover / Setback	O	O	O	O
Power Consumption Monitoring (with PDI)	O	O	O	O
Energy navigation	O	O	X	O
Interlock Control	O	O	O	O
Virtual Group Control	O	O	O	O
Emergency Alarm Display	O	O	O	O
ACS I/O Module Interlocking	O	O	O	O
External IO Port No.	DI 10EA DO 4EA	DI 10EA DO 4EA	X	X
Connectable Products	Air conditioner ERV ERV DX Hydro kit AHU Chiller*	Air conditioner ERV ERV DX Hydro kit AHU Chiller*	Air conditioner ERV ERV DX Hydro kit AHU Chiller*	Air conditioner ERV ERV DX Hydro kit AHU Chiller*

- O : Applied X : Not applied
- 1) Assignment of public IP address is required to access central controller through internet.
- 2) Without additional device, ACP 5 and AC Smart 5 provide BACnet IP and Modbus TCP interface for BMS.
- * It needs to apply Chiller Option KIT.
- If you need more detail, please refer to the Control PDB or the manual of product.
(<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

4. Accessory Compatibility List

Product		Model name	ETC	Compatibility
Wireless Remote Controller	-	PQWRH(C)Q0FDB	-	○
Wired Remote Controller	Simple	PQRCVCL0Q(W)	Simple	○*
		PQRCHCA0Q(W)	for Hotel	○*
	Standard	PREMTB001	Standard II (White)	○
		PREMTBB01	Standard II (Black)	○
		PREMTB100	Standard III (White)	○
		PREMTBB10	Standard III (Black)	○
Premium	PREMTA000(A/B)	Premium	○**	
Dry contact	Simple Contact	PDRYCB000	Simple Dry Contact	○
	Communication type	PDRYCB400	2 Points Dry Contact (For Setback)	○
		PDRYCB300	Dry Contact For 3rd Party Thermostat	○
		PDRYCB500	Dry Contact For Modbus	○
	IO Module	PQDSBCDVM0	Demand controller for MULTI V III	X
		PVDSMN000	Demand controller From MULTI V IV series	○
	Variable Water Flow Control kit	PRVC0	For MULTI V WATER II	X
PWFCKN000		For MULTI V WATER IV	○	
Gateway	IDU PI485	PHNFP14A0	Without Case	X
		PSNFP14A0	With Case	X
	ODU PI485	PMNFP14A1	PI 485 Gateway	X
	Cool/Heat Selector	PRDSBM	For MULTI V Heat Pump / Mode lock (Cool/Heat/Fan)	○
	Low Ambient Kit	PRVC2	From MULTI V IV series	○
	AHU Comm. Kit	PAHCMR000	Return Air Temperature Control	○
		PAHCMS000	Discharge Air Temperature Control	○
	Water Comm. Kit	PAHCMW000	Water Communication Module	○
	BACnet	PQNFB17C0	ACP BACnet	○
	Lonworks	PLNWKB000	ACP Lonworks	○
	Modbus	PMBUSB00A	Modbus RTU	○
Cloud Gateway	PWFMDB200	Cloud Gateway	○	
Central Controller	Simple	PQCSZ250S0	AC Ez	○
	AC Ez Touch	PACEZA000	AC Ez Touch	○
	AC Smart	PACS4B000	AC Smart IV	○
		PACS5A000	AC Smart 5	○
	ACP	PACP4B000	ACP IV	○
		PACP5A000	ACP 5	○
	AC Manager	PACM5A000	AC Manager 5	○***
ETC	Remote Temperature Sensor	PQRSTA0	-	○
	Zone Controller	ABZCA	-	X
	CO ₂ Sensor	AHCS100H0	For ERV, ERV DX Indoor units (Internal type)	○
	Group Control Wire	PZCWRCG3	0.25m	-
	2-Remo Control Wire	PZCWRC2	0.25m	-
	Extension Wire	PZCWRC1	10m	-
	Wi-Fi Controller*	PWFMDDB200	-	○
	PDI	PPWRDB000	PDI Standard	○
		PQNUD1S40	PDI Premium	○
	ACS I/O Module	PEXPMB000	-	-

- ○: Possible X: Impossible - : Not applicable
- * It is possible basic function only. (Refer [Function List – Individual Controller])
- ** It isn't possible some function
- *** PACS4B000, PACP4B000, PACS5A000, PACP5A000, PQNFB17C0 or PLNWKB000 is needed.
- 1) This product is provided by INTESIS.
- If you need more detail, please refer to the Control PDB or the manual of product.
(<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))

4. Accessory Compatibility List

■ E.O.L Model ¹⁾

Product		Model name	ETC	Compatibility
Wireless Remote Controller	-	PQWRH(C)DF0	-	○
Wired Remote Controller	Standard	PQRCVSL0	RS2 Wired (black)	○*
		PQRCVSL0QW	RS2 Wired (White)	○*
Dry contact	Simple Contact	PQDSA	-	○
		PQDSA(1)	-	○
		PQDSB(1)	-	○
	Communication type	PQDSBC	-	○
		PQDSBNGCM1	-	○
		PQDSBCGCD0	Dry Contact for Thermostat	○
Central Controller	Simple	PQCSB101S0	Simple central controller	○
		+ PQCSC101S0	Function controller	○**
		+ PQCSD130A0	Function Scheduler	○**
	AC Smart	PQCSW320A1E	AC Smart II	○
		+ PQCSE341A0	Option Kit	○***
		+ PQCSE342A0	Option Kit	○***
		+ PQCSE440U0	Expansion Kit	○***
	ACP	PQCSW421E0A	AC Smart Premium	○
		PQCPA11A0E	ACP without IO	○
		PQCPC22N0	ACP Standard	○
		PQCPB11A0E	ACP with IO	○
	AC Manager	PQCPC22A0	ACP Premium	○
		PQCSS520A0E	AC Manager	○****
		PQCSSA21E0	AC Manager Plus	○****
PACM4B000		AC Manager IV	○****	
Gateway	ODU PI485	PMNFP14A0	PI 485 Gateway	X
		PV485N000	PI 485 Gateway (For Multi V IV)	X
	Low Ambient Kit	AQLA	-	X
	BACnet	PQNFB17B0	BACnet Gateway	○
	Lonworks	PQNFB16A1	Lonworks Gateway	○
ETC	PDI	PQNUD1S00	PDI	○
	Telecom Shelter Controller	PQCSA001T0	-	○
	Electronic Thermostat	AQETC	-	○
	CTI	PKFC0	-	○
	CO ₂ Sensor	PES-C0RV0	For ERV, ERV DX Indoor units (External type)	○
	DO KIT	PQNFP00T0	-	-

- O: Possible X: Impossible
- * It isn't possible some function.
- ** PQCSB101S0 is needed.
- *** PQCSW320A1E is needed.
- **** ACP is needed.
- 1) E.O.L Model has been discontinued, so stock is subject to availability.

5. Centralized Controller Compatibility List

Compatibility between Controllers

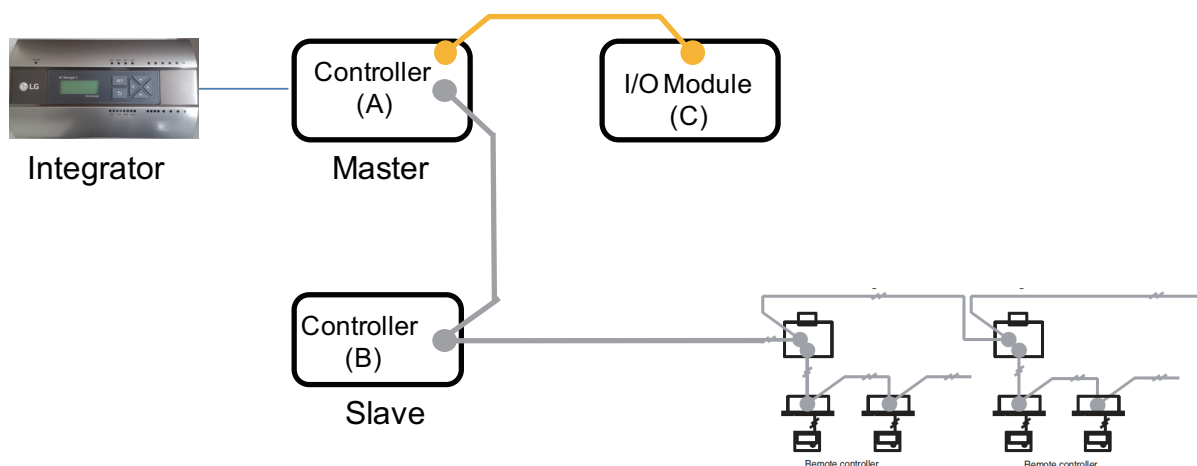
Master (A)	Slave (B)							
	AC Ez	AC Ez Touch	AC Smart IV AC Smart 5	ACP IV ACP 5	ACP BACnet	ACP Lonworks	PDI	Cloud Gateway
AC Ez	○	X	X	X	X	X	X	X
AC Ez Touch	○	○	X	X	X	X	○	X
AC Smart IV, AC Smart 5	○	○	○	X	X	X	○	X
ACP IV, ACP 5	○	○	○	X	X	X	○	X
ACP BACnet	○	○	○	X	X	X	○	X
ACP Lonworks	○	○	○	X	X	X	○	X
PDI	X	X	X	X	X	X	X	X
Cloud Gateway	○	X	X	X	X	X	X	X

Compatibility with Integrator

Integrator	Controller							
	AC Ez	AC Ez Touch	AC Smart IV AC Smart 5	ACP IV ACP 5	ACP BACnet	ACP Lonworks	PDI	Cloud Gateway
AC Manager IV	X	X	○	○	○	○	X	X
AC Manager 5	X	X	○	○	○	○	X	X

Compatibility with IO Module

IO Module (C)	Controller								
	AC Ez	AC Ez Touch	AC Smart IV AC Smart 5	AC Smart BACnet	ACP IV ACP 5	ACP BACnet	ACP Lonworks	PDI	Cloud Gateway
ACS I/O Module	X	X	○	○ ¹⁾	○	○ ¹⁾	○ ¹⁾	X	X



- If you need more detail, please refer to the Control PDB or the manual of product. (<http://partner.lge.com/global> : Home> Doc.Library> Product > Control(BECON))
- 1) This Function is possible to use in Web Only. (BMS Point is not applied)



Air Solution

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(07336)
<http://partner.lge.com>

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The air conditioners manufactured by LG have received ISO9001 certificate for quality assurance and ISO14001 certificate for environmental management system.
The specifications, designs, and information in this brochure are subject to change without notice.