

For Egypt Market



LG SMART INVERTER

COMMERCIAL AIR CONDITIONER

High Efficiency and Long Pipe with Inverter Technology

The advanced technologies of LG achieve high efficiency even in harsh condition



LG Electronics

<http://www.lg.com/global/business>
<http://partner.lge.com/global>
<https://www.lghvacstory.com/>

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CEILING CONCEALED DUCT



LINE-UP







Premium

PREMIUM MODEL

Category		18K	24K	30K	36K	42K	48K	60K
Outdoor Units	Image & Model Name	 ABUW18GM1T2	 ABUW24GM1T2	 ABUW30GM2T2	 ABUW36GM3T2	 ABUW42GM3T2	 ABUW48GM3T2	 ABUW60GM3T2
Indoor Units	Image & Model Name	 ABNW18GM1T2	 ABNW24GM1T2	 ABNW30GM2T2	 ABNW36GM3T2	 ABNW42GM3T2	 ABNW48GM3T2	 ABNW60GM3T2
	Dimensions (mm) (W x H x D)	900 x 270 x 700	900 x 270 x 700	1,250 x 270 x 700	1,250 x 360 x 700	1,250 x 360 x 700	1,250 x 360 x 700	1,250 x 360 x 700
	Net Weight (kg)	23.8	25.3	32.0	37.5	42.3	42.3	42.3

Standard

STANDARD MODEL

Category		24K	30K	36K
Outdoor Unit	Image & Model Name	 ABUW24GM1E4	 ABUW30GM1E4	 ABUW36GM2E4
Indoor Unit	Image & Model Name	 ABNW24GM1E4	 ABNW30GM1E4	 ABNW36GM2E4
	Dimensions (mm) (W x H x D)	900 x 270 x 700	900 x 270 x 700	1,250 x 270 x 700
	Net Weight (kg)	23.8	25.3	32.0

FUNCTION

Model	Category	Functions	Premium		Standard		
			18K, 24K	30K, 36K, 42K, 48K, 60K	24K	30K	36K
Indoor	Air Flow	Airflow Steps (Fan / Cooling / Heating mode)	High / Mid / Low	High / Mid / Low	High / Mid / Low	High / Mid / Low	High / Mid / Low
	Air Purifying	Long-life Prefilter (Washable / Anti-fungus)	●	●	●	●	●
	Installation	Drain Pump	○ (ABDPG)	○ (ABDPG)	○ (ABDPG)	○ (ABDPG)	○ (ABDPG)
		E.S.P. Control*	●	●	●	●	●
	Reliability	Self Diagnosis	●	●	●	●	●
		Hot Start**	●	●	●	●	●
	Convenience	Auto Changeover***	●	●	●	●	●
		Child Lock*	●	●	●	●	●
		Group Control*	●	●	●	●	●
		Sleep Mode	●	●	●	●	●
		Timer (on / off)*	●	●	●	●	●
		Timer (weekly)*	●	●	●	●	●
	Special Functions	Comfort Cooling with Humidity Sensing	●	●	●	●	●
		Wi-Fi Control	○ (PWFMD200)	○ (PWFMD200)	○ (PWFMD200)	○ (PWFMD200)	○ (PWFMD200)
		Humidity Control	○ (PREMTB100)	X	○ (PREMTB100)	X	X
	Network Solution (LGAP)	●	●	●	●	●	
Outdoor	Reliability	Defrost / Deicing	●	●	●	●	●
		Restart Delay (3-minutes)	●	●	●	●	●
		Self Diagnosis	●	●	●	●	●
		Soft Start	●	●	●	●	●
		Detection of Refrigerant Shortage	●	●	●	●	●
	Convenience	Test Function	●	●	●	●	●
		Night Low Noise Operation (Through Dip S/W Setting)	●	●	●	●	●
		Forced Cooling Operation (Outdoor Unit)	●	●	●	●	●
		Mobile LGMV	○ (PLGMVW100)	○ (PLGMVW100)	○ (PLGMVW100)	○ (PLGMVW100)	○ (PLGMVW100)
		PI485 Gateway	○ (PMNFP14A1)	○ (PMNFP14A1)	○ (PMNFP14A1)	○ (PMNFP14A1)	○ (PMNFP14A1)
Product	Pressure Sensor	X	●	X	X	●	
Network Function	Network Solution (LGAP)	●	●	●	●	●	

Notes

- : Standard Applied, ○ : Accessory, X : Not applied
※ Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field. Accessory line-ups varies by region, so check your local catalogue or local sales material.
- Some functions can be limited by remote controller.
- In case of ducted type indoor units using the wireless remote controller, it needs to connect the wired remote controller for received the signal of that.
- * : These functions need to connect the wired remote controller.
** : Indoor fan motor starts considering the evaporator temperature under the heating mode operation.
*** : This is a function that automatically changing the cooling and heating mode to maintain the indoor temperature with target temperature $\pm 2^{\circ}\text{C}$

KEY FEATURE

SUPERIOR EFFICIENCY FOR GCC COUNTRY

LG Models have high EER comparing to GCC country standards. And each year, the standard organization tests LG Product with sampling and confirms the results.

	UAE ESMA	Qatar QS	Baharin EWA	Saudi SASO	LG
T1	-	11.5	11.5	11.8	12.4
T3	8.1	8.28	8.28	8.3	8.7

EER
(Energy Efficiency Ratio)

$$= \frac{\text{Cooling Capacity}}{\text{Power Input}}$$

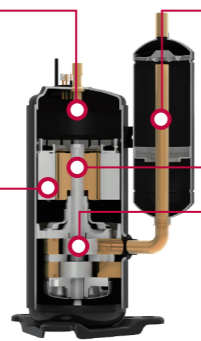
※ SASO : Saudi Arabian Standards Organization, EER : Energy Efficiency Ratio
T1 condition (Temperature) : 27 / 35 °C (Indoor / Outdoor), T3 condition (Temperature) : 29 / 46 °C (Indoor / Outdoor)
※ Specifications of EER may vary for each model. The EER is based on the Specification.

LG TWIN ROTARY INVERTER

LG Twin Rotary Inverter Compressor is more stable and simpler than constant compressor.

Flow Optimization

Reduced oil inflow by increasing the length of oil discharge pipe, which prevents more oil from leaving the compressor and prevent abrasion.



Suction Optimization

Reduced suction loss and improving oil collection through the optimization of suction path.

Surface Coating

Surface coating of outstanding abrasion resistance property on vane and crank shaft.

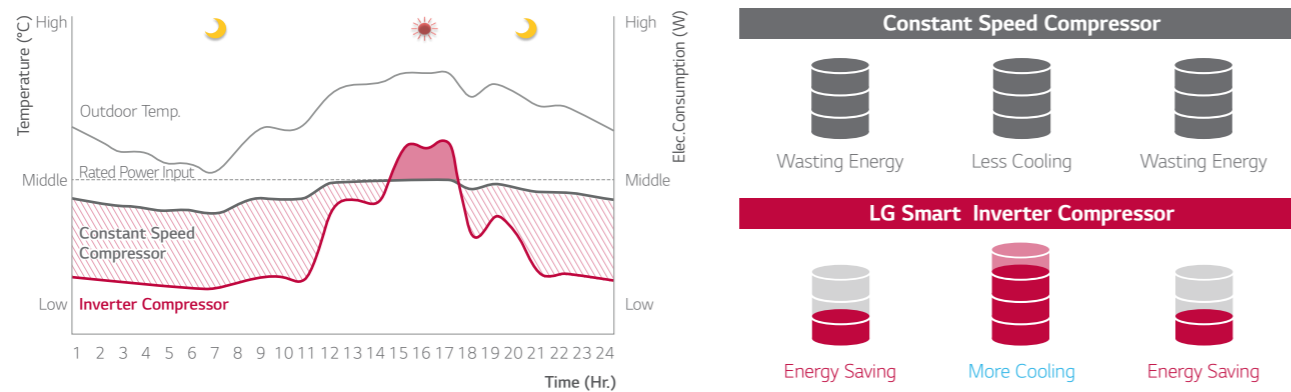
Concentrated Winding Motor

Oil path area is improved by over 50% by increasing the extra stator cavity. Due to this, caloric value of motor is reduced, improving the cooling function of stator coil.

Twin Rotary Rotor

Upper and lower part rotor offset imbalance in shaft rotor rotation. Vibration and noise are reduced. Max torque load decreased by 45% compared to single rotor.

BENEFIT OF PARTIAL LOAD PERFORMANCE



SUPERIOR EFFICIENCY AND PAYBACK

If you purchase the LG smart inverter, you can payback your investment cost after 13 to 21 months because their superior efficiency.

Condition			Result			
No.	Category	Details	Capacity kBTu/h	Efficiency kBTu/W	Payback Period	Saving %
1	Eng. Tool	Payback App.	18	12.4	1Y 9M	57
2	Setting Temp.	24	24	12.4	1Y 1M	59
3	Operating Time	24Hours	30	12.4	1Y 5M	55
4	Operating Month	May ~ Oct	36	12.3	1Y 7M	52
5	Electricity Fee	1.5 EGP/kWh	42	12.45	1Y 3M	54
			48	12.35	1Y 1M	59
			60	12.1	1Y 1M	58

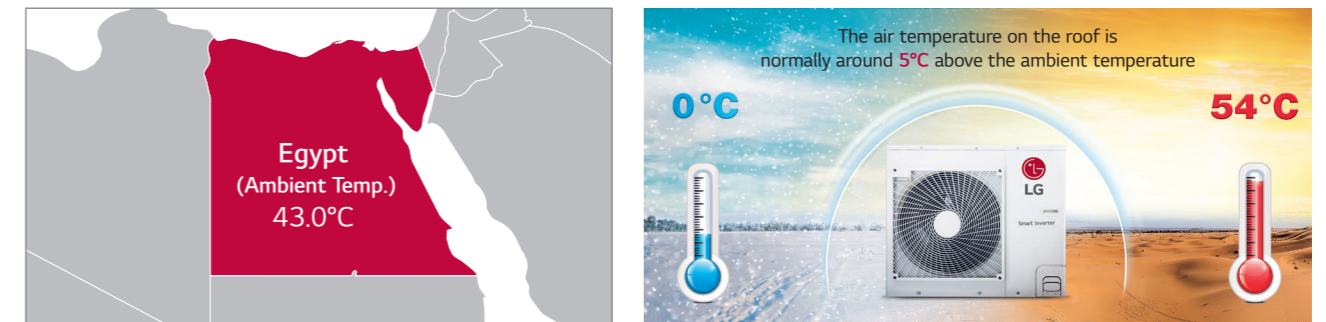
24K

36Kw

KEY FEATURE

WIDE OPERATION RANGE

In the GCC country, we are suffering from heat wave. The temperature shown below is the long-term average for the location, that is TMY Data. For continuous cooling, LG Smart Inverter is able to operate at high and low ambient temperature.

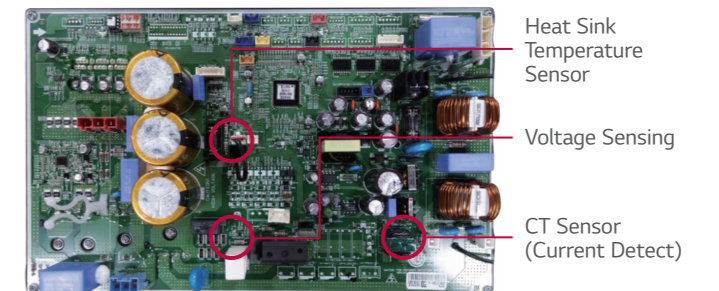


※ TMY : Typical Meteorological Year ※ Weather data source : EnergyPlus weather data, <https://energyplus.net/weather/source>

HIGH AND LOW VOLTAGE PROTECTION

Reinforced voltage and current regulation circuit design makes system possible to operate in harsh operating conditions (surge protection, high and low voltage endurance)

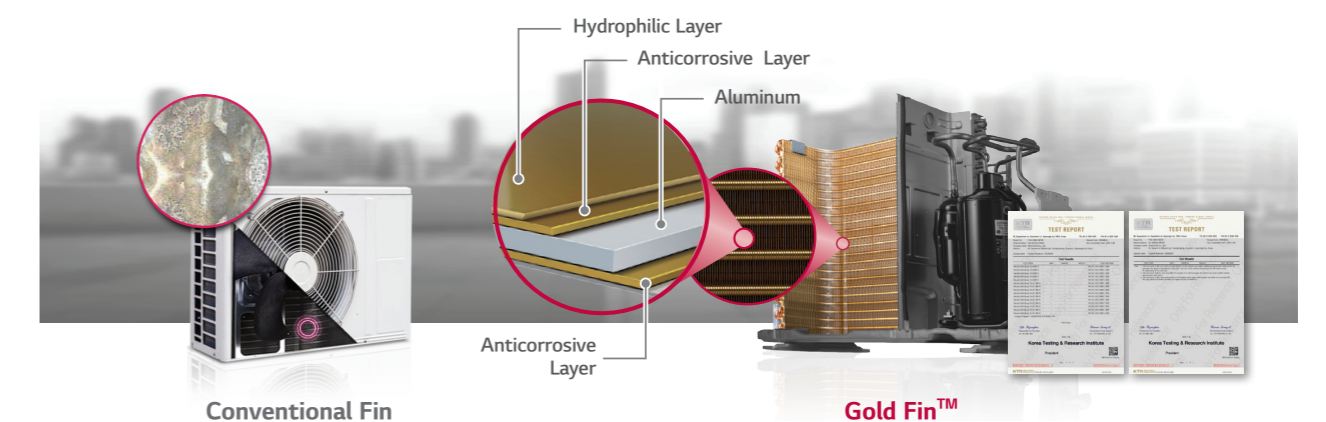
	Constant	LG Inverter
Over Voltage Detection	-	●
Low Voltage Detection	-	●
CT (Current transformer) Current Limit	On/Off Only	Inverter Control without Stopping
DC Peak Detection	Not Necessary	●
N Phase Reverse wiring (3 Phase Only)	-	●
Missing Phase Detection (3 Phase Only)	-	●



HIGHLY CORROSION RESISTANT HEAT EXCHANGER

Gold Fin™

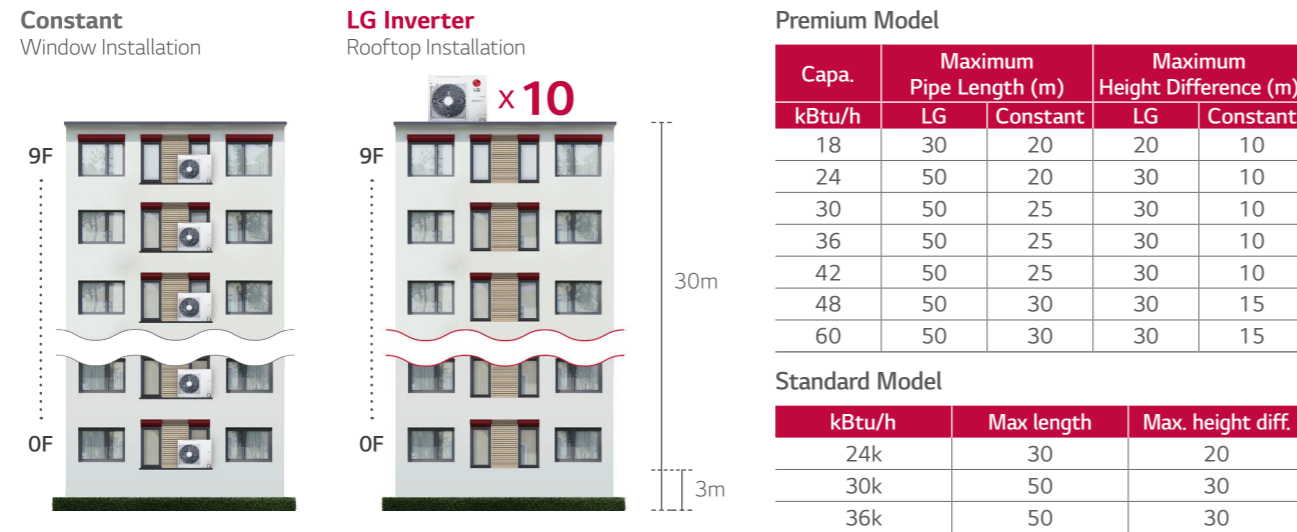
The gold-colored special coating on the fin of the heat exchanger prevents corrosion, extending the life of the unit.



KEY FEATURE

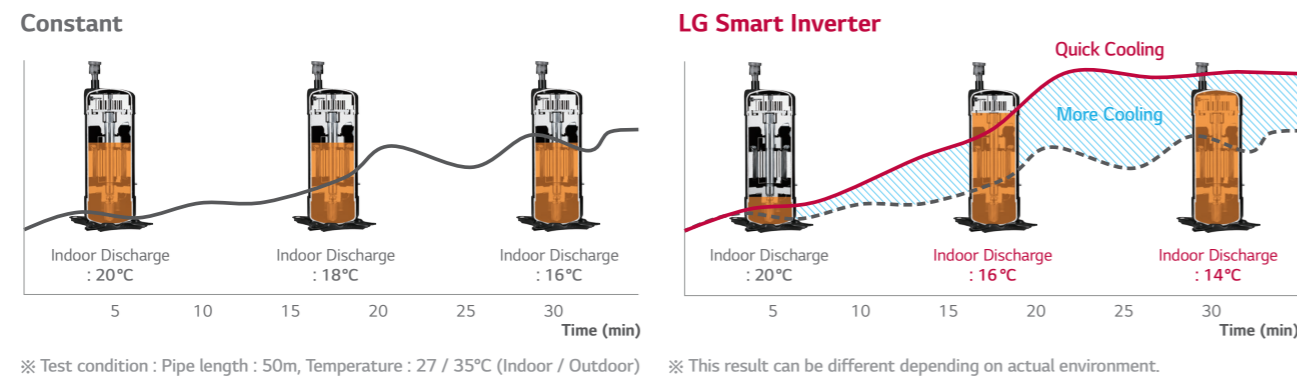
POWERFUL LONG PIPE

For example, let's consider G +9F building where each floor needs 36K CCD. The outdoor unit of constant model need to be installed next to the window. However, LG Inverter outdoor unit can be set on the rooftop.



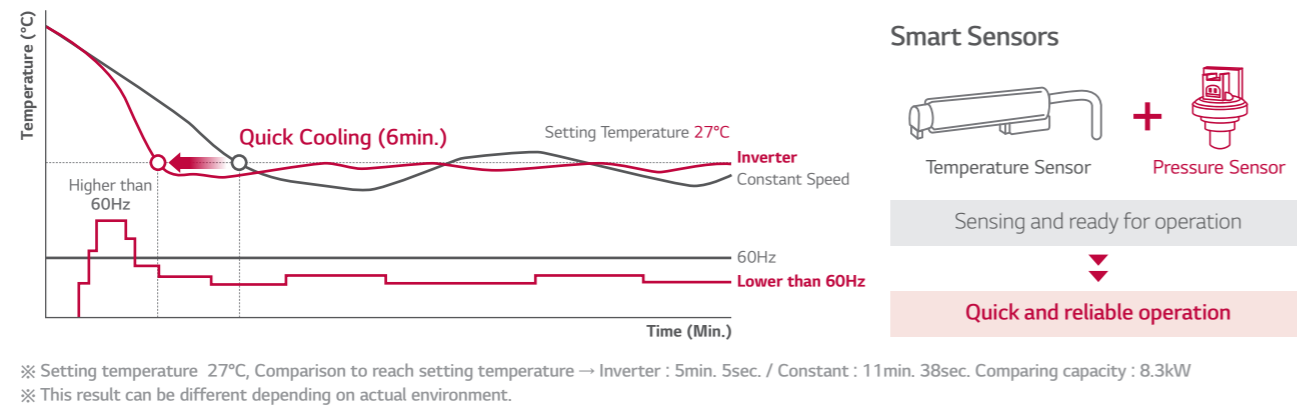
POWER COOLING AT THE LONG PIPE

LG Smart inverter provide powerful cooling capacity by auto detection of pipe length.



QUICK COOLING

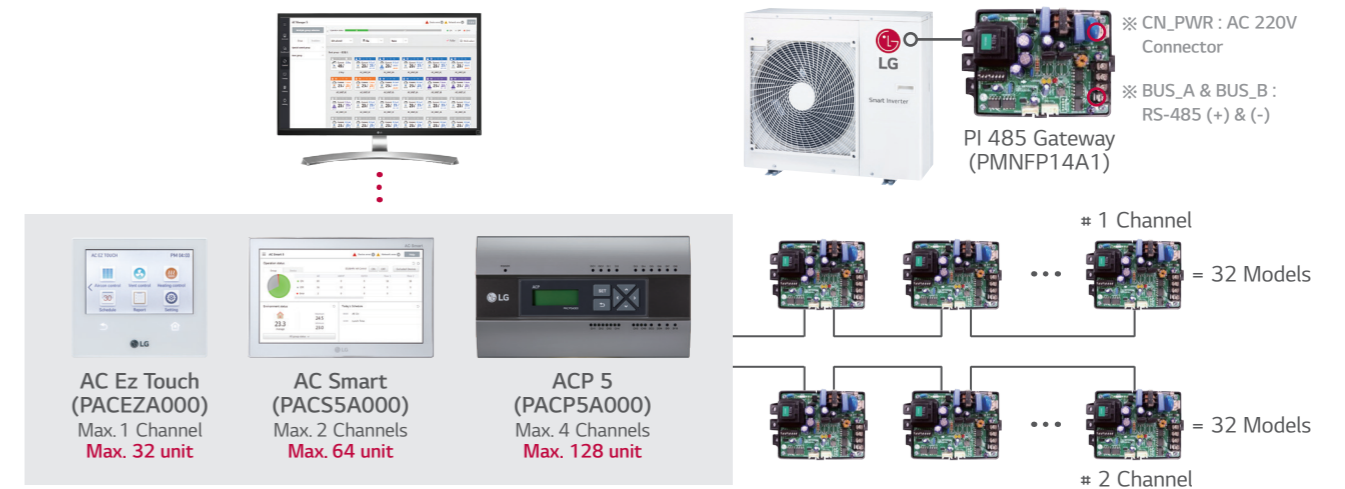
At the same condition, the inverter reaches the set temperature about 30% faster than the constant speed.



KEY FEATURE

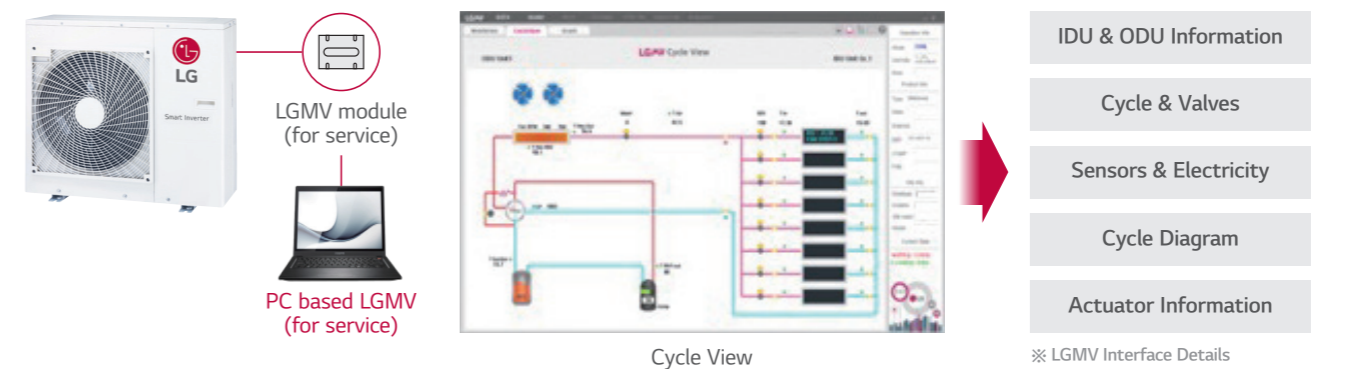
EASY CONTROL WITH LG CENTRAL CONTROLLER

PI-485 is a gateway device that provides communication between LG Outdoor Units and LG central controllers such as ACP, AC Smart.



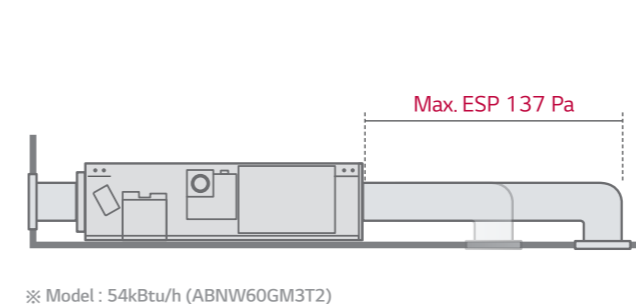
LGMV (MONITORING VIEW)

The LGMV program provides convenient monitoring and troubleshooting of the inverter system.

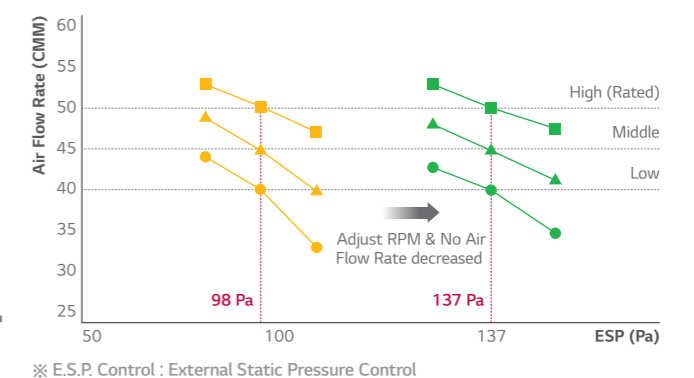


MAXIMIZED E.S.P. (EXTERNAL STATIC PRESSURE)

Flexible Air Flow
Connectable duct length is longer than current running unit due to the improved maximum E.S.P.



Air Flow Rate Using LG E.S.P. Control



SPECIFICATION

DUCT PREMIUM HEAT PUMP

PREMIUM MODEL

Combination	Factory Model	Unit	AB-W18GM1T2	AB-W24GM1T2	AB-W30GM2T2	AB-W36GM3T2	AB-W42GM3T2	AB-W48GM3T2	AB-W60GM3T2
Cooling Capacity	Min - Rated (T1) - Max	kW	2.10 - 4.98 - 5.86	2.81 - 6.45 - 7.91	3.36 - 8.20 - 9.96	4.70 - 9.40 - 11.13	5.10 - 12.30 - 13.46	5.62 - 13.75 - 15.80	6.33 - 15.25 - 16.70
		Btu/h	7,200 - 17,000 - 20,000	9,600 - 22,000 - 27,000	11,480 - 28,000 - 34,000	16,030 - 32,000 - 38,000	17,400 - 42,000 - 45,900	19,200 - 47,000 - 54,000	21,600 - 52,000 - 58,000
	Rated (T3)	kW	4.50	5.73	7.05	7.95	10.45	11.60	12.95
		Btu/h	15,400	19,600	24,000	27,200	35,600	39,600	44,200
Heating Capacity	Min - Rated - Max	kW	2.10 - 5.30 - 6.10	2.80 - 7.05 - 8.20	3.28 - 8.75 - 9.09	3.75 - 9.35 - 10.26	4.70 - 12.90 - 13.00	5.62 - 14.05 - 15.80	6.56 - 16.40 - 17.60
		Btu/h	7,200 - 18,000 - 21,000	9,600 - 24,000 - 28,000	11,200 - 30,000 - 31,000	12,800 - 32,000 - 35,000	16,030 - 44,000 - 44,300	19,200 - 48,000 - 54,000	22,400 - 56,000 - 60,000
Power Input	Cooling (Rated, T1)	kW	1.37	1.772	2.26	2.60	3.38	3.80	4.30
	Cooling (Rated, T3)	kW	1.71	2.255	2.47	3.00	3.60	4.27	5.28
	Heating (Rated)	kW	1.51	2.07	2.50	2.46	3.66	4.00	4.61
Efficiency	EER (T1)	Btu/h W	12.40	12.40	12.40	12.30	12.45	12.35	12.10
	EER (T3)	Btu/h W	9.00	8.70	9.70	9.05	9.90	9.25	8.35
	COP (H1)	W/W	3.50	3.40	3.50	3.80	3.50	3.50	3.55

Outdoor units	Unit	ABUW18GM1T2	ABUW24GM1T2	ABUW30GM2T2	ABUW36GM3T2	ABUW42GM3T2	ABUW48GM3T2	ABUW60GM3T2
Power Supply	V, φ, Hz	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50
Outdoor Fan	Type	-	Axial Fan	Axial Fan	Axial Fan	Axial Fan	Axial Fan	Axial Fan
Outdoor Fan Motor	Type	-	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC
Compressor	Type	-	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Dimensions	Net (W x H x D)	mm	870 x 650 x 330	870 x 650 x 330	950 x 834 x 330	950 x 834 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Weight	Net	kg	42.0	45.5	61.0	61.0	93.5	93.5
Exterior	Color	-	Warm Gray	Warm Gray	Warm Gray	Warm Gray	Warm Gray	Warm Gray
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A	R410A
	Precharged Amount	kg	1.3	1.4	2.2	2.2	3.4	3.4
Piping Connection	Liquid	mm (inch)	φ6.35 (1/4)	φ9.52 (3/8)	φ9.52 (3/8)	φ9.52 (3/8)	φ9.52 (3/8)	φ9.52 (3/8)
	Gas	mm (inch)	φ12.7 (1/2)	φ15.88 (5/8)	φ15.88 (5/8)	φ15.88 (5/8)	φ19.05 (3/4)	φ19.05 (3/4)
Piping Length	IDU - ODU (Min / Max)	m	5 / 30	5 / 50	5 / 50	5 / 50	5 / 50	5 / 50
Maximum Height Difference	IDU - ODU (Max)	m	20	30	30	30	30	30
Sound Pressure Level	Cooling	dB(A)	48	50	51	51	55	55
	Heating	dB(A)	50	52	53	53	57	57
Connecting Cable	Power Supply Cable (H07RN-F)	mm ² x cores	2.5 x 3	2.5 x 3	2.5 x 3	2.5 x 3	6.0 x 3	6.0 x 3
Operative Range (Outdoor Temp.)	Cooling	°C(DB)	0 - 54	0 - 54	0 - 54	0 - 54	0 - 54	0 - 54
	Heating	°C(WB)	-5 - 18	-5 - 18	-5 - 18	-5 - 18	-5 - 18	-5 - 18

Indoor units	Unit	ABNW18GM1T2	ABNW24GM1T2	ABNW30GM2T2	ABNW36GM3T2	ABNW42GM3T2	ABNW48GM3T2	ABNW60GM3T2	
Power Supply	V, φ, Hz	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	230, 1, 50	
Indoor Fan	Type	-	Sirocco	Sirocco	Sirocco	Sirocco	Sirocco	Sirocco	
	Air Flow Rate (H / M / L)	m ³ /min	16.5 / 14.5 / 13.0	18.0 / 16.5 / 14.0	32.0 / 28.0 / 24.0	32.0 / 28.0 / 24.0	40.0 / 34.0 / 28.0	40.0 / 34.0 / 28.0	50.0 / 45.0 / 40.0
	External Static Pressure	mmAq	6	6	8	8	6	6	
Indoor Fan Motor	Type	-	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	
Dimensions	Net (W x H x D)	mm	900 x 270 x 700	900 x 270 x 700	1,250 x 270 x 700	1,250 x 360 x 700	1,250 x 360 x 700	1,250 x 360 x 700	
Weight	Net	kg	23.8	25.3	32.0	37.5	42.3	42.3	
Protection Device	-	-	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	
Drain Pipe	OD / ID	mm	32 / 25	32 / 25	32 / 25	32 / 25	32 / 25	32 / 25	
Sound Pressure Level	Cooling (H / M / L)	dB(A)	34.0 / 32.0 / 30.0	37.0 / 35.0 / 32.0	36.0 / 34.0 / 33.0	36.0 / 33.0 / 31.0	39.0 / 37.0 / 35.0	39.0 / 37.0 / 35.0	42.0 / 40.0 / 39.0
	Heating (H / M / L)	dB(A)	34.0 / 32.0 / 30.0	37.0 / 35.0 / 32.0	36.0 / 34.0 / 33.0	36.0 / 33.0 / 31.0	39.0 / 37.0 / 35.0	39.0 / 37.0 / 35.0	42.0 / 40.0 / 39.0
Connecting Cable	Power and Communication Cable (H07RN-F)	mm ² x cores	0.75 x 4	0.75 x 4	0.75 x 4	0.75 x 4	0.75 x 4	0.75 x 4	

Notes

- T1 : Indoor 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor 35°C (95°F) DB / 24°C (75.2°F) WB
- T2 : Indoor 29°C (84.2°F) DB / 19°C (66.2°F) WB, Outdoor 46°C (114.8°F) DB / 24°C (75.2°F) WB
- H1 : Indoor 20°C (68.0°F) DB / 15°C (59.0°F) WB, Outdoor 7°C (44.6°F) DB / 6°C (42.8°F) WB

DUCT STANDARD HEAT PUMP

STANDARD MODEL

Combination	Factory Model	Unit	AB-W24GM1E4	AB-W30GM1E4	AB-W36GM2E4
Cooling Capacity	Min - Rated (T1) - Max	kW	2.10 - 6.36 - -	2.81 - 8.06 - -	3.36 - 9.38 - -
		Btu/h	7,200 - 21,700 - -	9,600 - 27,500 - -	11,480 - 32,000 - -
	Rated (T3)	kW	4.50	5.73	6.54
		Btu/h	15,400	19,600	22,300
Heating Capacity	Min - Rated - Max	kW	2.10 - 6.36 - -	2.80 - 7.80 - -	3.28 - 10.14 - -
		Btu/h	7,200 - 21,700 - -	9,600 - 26,600 - -	11,200 - 34,600 - -
Power Input	Cooling (Rated, T1)	kW	2.04	2.59	3.02
	Cooling (Rated, T3)	kW	1.71	2.26	2.37
	Heating (Rated)	kW	1.45	2.00	2.31
Efficiency	EER (T1)	Btu/h W	10.64	10.60	10.60
	EER (T3)	Btu/h W	9.00	8.70	9.40
	COP (H1)	W/W	4.39	3.90	4.39
Running Current	Cooling (Rated, T1)	A	9.0 / 16.0	11.4 / 16.0	13.3 / 17.0
	Heating (Rated, T3)	A	6.4 / 16.0	8.8 / 16.0	10.1 / 17.0
Power Factor	Cooling (Rated)	-	0.99	0.99	0.99
	Heating (Rated)	-	0.99	0.99	0.99

Outdoor units	Unit	ABNW24GM1E4	ABNW30GM1E4	ABNW36GM2E4
Power Supply	V, φ, Hz	230, 1, 50	230, 1, 50	230, 1, 50
Outdoor Fan	Type	-	Axial Fan	Axial Fan
Outdoor Fan Motor	Type	-	BLDC	BLDC
Compressor	Type	-	Twin Rotary	Twin Rotary
Dimensions	Net (W x H x D)	mm	870 x 650 x 330	870 x 650 x 330
Weight	Net	kg	42.0	45.5
Exterior	Color	-	Warm Gray	Warm Gray
Refrigerant	Type	-	R410A	R410A
	Precharged Amount	kg	1.3	1.4
Piping Connection	Liquid	mm (inch)	φ6.35 (1/4)	φ9.52 (3/8)
	Gas	mm (inch)	φ12.7 (1/2)	φ15.88 (5/8)
Piping Length	IDU - ODU (Min / Max)	m	5 / 30	5 / 50
Maximum Height Difference	IDU - ODU (Max)	m	20	30
Sound Pressure Level	Cooling	dB(A)	48	50
	Heating	dB(A)	50	52
Connecting Cable	Power Supply Cable (H07RN-F)	mm ² x cores	2.5 x 3	2.5 x 3
Operative Range (Outdoor Temp.)	Cooling	°C(DB)	0 - 54	0 - 54
	Heating	°C(WB)	-5 - 18	-5 - 18

Indoor units	Unit	ABUW24GM1E4	ABUW30GM1E4	ABUW36GM2E4
Power Supply	V, φ, Hz	230, 1, 50	230, 1, 50	230, 1, 50
Indoor Fan	Type	-	Sirocco	Sirocco
	Air Flow Rate (H / M / L)	m ³ /min	16.5 / 14.5 / 13.0	18.0 / 16.5 / 14.0
	External Static Pressure	mmAq	6	6
Indoor Fan Motor	Type	-	BLDC	BLDC
Dimensions	Net (W x H x D)	mm	900 x 270 x 700	900 x 270 x 700
Weight	Net	kg	23.8	25.3
Protection Device	-	-	Fuse	Fuse
Drain Pipe	Using Drain Pump (O.D. / I.D.)	mm	32 / 25	32 / 25
Sound Pressure Level	Cooling (H / M / L)	dB(A)	34.0 / 32.0 / 30.0	37.0 / 35.0 / 32.0
	Heating (H / M / L)	dB(A)	34.0 / 32.0 / 30.0	37.0 / 35.0 / 32.0
Connecting Cable	Power and Communication Cable (H07RN-F)	mm ² x cores	0.75 x 4	0.75 x 4

Notes

- T1 : Indoor 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor 35°C (95°F) DB / 24°C (75.2°F) WB
- T2 : Indoor 29°C (84.2°F) DB / 19°C (66.2°F) WB, Outdoor 46°C (114.8°F) DB / 24°C (75.2°F) WB
- H1 : Indoor 20°C (68.0°F) DB / 15°C (59.0°F) WB, Outdoor 7°C (44.6°F) DB / 6°C (42.8°F) WB

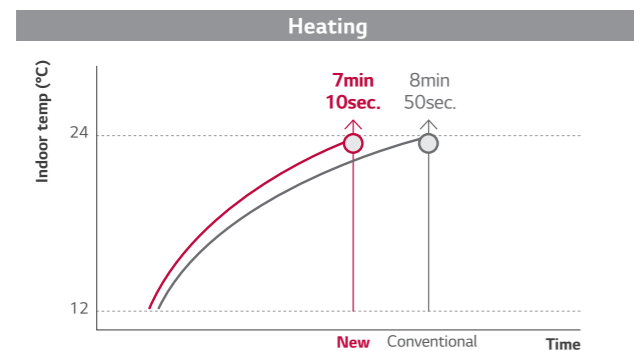
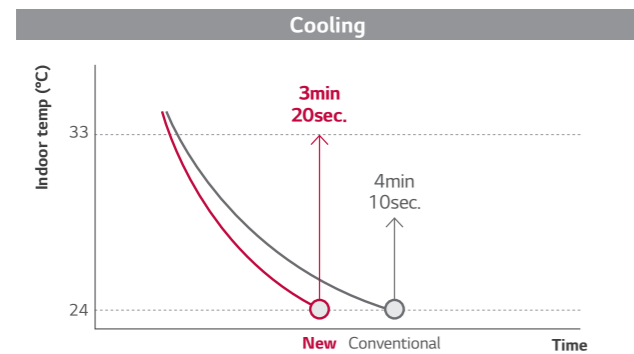
FLOOR STANDING



KEY FEATURE

QUICK RESPONSE

Offering powerful cooling, the commercial air conditioning system can reach a set temperature in a shorter period of time. Meanwhile, the Power Heating function provides the optimal airflow angle, guaranteeing a faster heating performance.



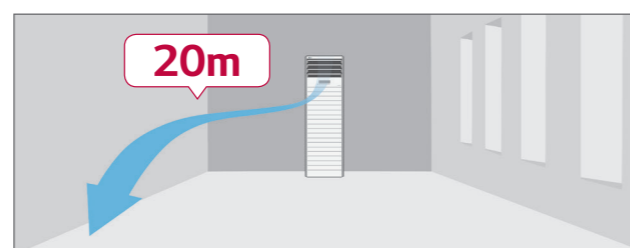
STYLISH DESIGN

The new LG floor standing air conditioner is ideal for modern interiors in your office or restaurant.



POWERFUL AIR FLOW

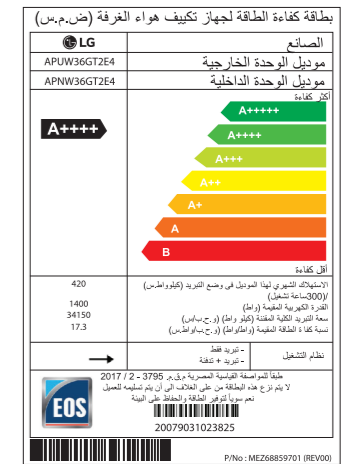
The new LG floor standing air conditioner is efficient for using in large areas due to its powerful cooling and heating operation. The powerful air speed and volume means the air flow can reach up to 20m away from the air conditioner.



SPECIFICATION

FLOOR STANDING HEAT PUMP

Combination	Outdoor unit		APUW36GT2E4	
	Indoor unit	Unit	APNW36GT2E4	
Cooling Capacity	Min - Rated - Max (T1)	kW	3.22 - 10.01 - 11.13	
	Rated (T3)	Btu/h	11,000 - 34,150 - 38,000	
Heating Capacity	Min - Rated - Max	kW	3.22 - 10.30 - 12.00	
		Btu/h	11,000 - 35,160 - 41,000	
Power Input	Cooling (Rated, T1)	kW	3.16	
	Cooling (Rated, T3)	kW	-	
	Heating (Rated)	kW	2.60	
Efficiency	EER (T1)	(Btu/h)/W	10.81	
	EER (T3)	(Btu/h)/W	-	
	COP (H1)	W/W	3.96	
	Weighted EER	(Btu/h)/W	17.3	
	Energy Label Grade (Cooling / Heating)	-	A++++ / -	



Outdoor Unit		Unit	APUW36GT2E4
Power Supply	#1	V, Hz	220 V, 50 Hz
Outdoor Fan	Type	-	Axial Fan
Outdoor Fan Motor	Type	-	BLDC
Compressor	Type	-	Scroll
Dimensions	Net (W x H x D)	mm	950 x 834 x 330
Weight	Net	kg	58.9
Exterior	Color	-	Warm Gray
Refrigerant	Type	-	R410A
	Precharged Amount	kg	2.3
Connecting Pipe	Liquid	mm (inch)	φ9.52 (3/8)
	Gas	mm (inch)	φ15.88 (5/8)
Piping Length Limit	IDU - ODU (Rated / Max / Min)	m	7.5 / 50 / 5
Maximum Height Difference	IDU - ODU (Max)	m	30
Max Allowable Pressure	High / Low	Mpa	-
Sound Pressure Level (Outdoor Unit)	Cooling / Heating (@ 1.5m height)	dB(A)	51 / 53
Connecting Cable	Power and Communication cable (H07RN-F)	mm² x cores	0.75 x 4C
	Power Supply Cable (H07RN-F)	mm² x cores	2.5 x 3C
Indoor Unit		Unit	APNW36GT2E4
Power Supply	#1	V, Hz	220 V, 50 Hz
Cooling Capacity	Nominal	W	10010
		kW	10.01
		Btu/h	34150
Indoor Fan	Type	-	Sirocco Fan
Indoor Fan Motor	Type	-	BLDC
Dimensions	Net (W x H x D)	mm	590 x 1840 x 460
Weight	Net	kg	50
Protection Device	Fuse	-	0
Sound Pressure Level (Indoor Unit)	Cooling ((SH) / H / M / L)	dB(A)	55/52/49/46
	Heating ((SH) / H / M / L)	dB(A)	55/52/49/46
Connecting Cable	Power and Communication Cable (H07RN-F)	mm² x cores	0.75 x 4C

Notes

- 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 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
- Performances are based on the following conditions :
 - Applicable standard according to indoor type : Non Ducted - ISO 5151 / Ducted - ISO 13253
 - *Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - **Cooling : Indoor Ambient Temp. 29°CDB / 19°CWB, Outdoor Ambient Temp. 46°CDB / 24°CWB
 - *Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0m.
- This product contains Fluorinated greenhouse gases.