

For Market in Egypt



# LG SMART INVERTER

## COMMERCIAL AIR CONDITIONER

High Efficiency and Long Distance Piping 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

Category		18K	24K	30K	36K	48K	60K
Outdoor Units	Image & Model Name	 ABUW18GM1T6	 ABUW24GM1T6	 ABUW30GM1T6	 ABUW36GM3T6	 ABUW48GM3T6	 ABUW60GM3T6
	Dimensions (mm) (W x H x D)	770 x 545 x 288	870 x 650 x 330	870 x 650 x 330	870 x 650 x 330	950 x 1,380 x 330	950 x 1,380 x 330
	Net Weight (kg)	32.7	44.7	44.7	44.7	91.3	91.3
Indoor Units	Image & Model Name	 ABNW18GM1T6	 ABNW24GM1T6	 ABNW30GM1T6	 ABNW36GM3T6	 ABNW48GM3T6	 ABNW60GM3T6
	Dimensions (mm) (W x H x D)	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700	1,250 x 360 x 700	1,250 x 360 x 700	1,250 x 360 x 700
	Net Weight (kg)	25.3	25.3	25.3	37.1	43.0	43.0

Category	Wired	Wireless
Remote Controller (default)		

## FUNCTION

Model	Category	Functions	Capa.					
			18k	24k	30k	36k	48k	60k
Indoor	Air Flow	Airflow Steps (Fan / Cooling / Heating mode)	3 / 3 / 3	3 / 3 / 3	3 / 3 / 3	3 / 3 / 3	3 / 3 / 3	3 / 3 / 3
	Air Purifying	Long-Life Prefilter (Washable / Anti-Fungus)	●	●	●	●	●	●
		UV Nano Filter Box (Microdust Removal, Anti-Bacteria) * MERV 13 Filter (Replaceable)	○ (PBM13M1UA0) (FBM13M1UA0)	○ (PBM13M1UA0) (FBM13M1UA0)	○ (PBM13M1UA0) (FBM13M1UA0)	○ (PBM13M3UA0) (FBM13M3UA0)	○ (PBM13M3UA0) (FBM13M3UA0)	○ (PBM13M3UA0) (FBM13M3UA0)
	Installation	Drain Pump	○ (ABDPG)	○ (ABDPG)	○ (ABDPG)	○ (ABDPG)	○ (ABDPG)	○ (ABDPG)
		E.S.P Control*	●	●	●	●	●	●
	Reliability	Self Diagnosis	●	●	●	●	●	●
		Hot Start**	●	●	●	●	●	●
	Convenience	Auto Changeover***	●	●	●	●	●	●
		Auto Dry Operation*	○ <sup>1)2)</sup>	○ <sup>1)2)</sup>	○ <sup>1)2)</sup>	○ <sup>1)2)</sup>	○ <sup>1)2)</sup>	○ <sup>1)2)</sup>
		Auto Restart	●	●	●	●	●	●
		Child Lock*	●	●	●	●	●	●
	Special Functions	Group Control*	●	●	●	●	●	●
		Sleep Timer*	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>
		Timer (On / Off)*	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>
		Timer (Weekly)*	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>
		Time Limit Control (Energy Saving)*,**	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>	○ <sup>1)2)3)</sup>
Special Functions	Wi-Fi Control	○ (PWFMD200)	○ (PWFMD200)	○ (PWFMD200)	○ (PWFMD200)	○ (PWFMD200)	○ (PWFMD200)	
	Comfort Cooling (Humidity Control)*	○ <sup>1)2)</sup>	○ <sup>1)2)</sup>	○ <sup>1)2)</sup>	○ <sup>1)2)</sup>	○ <sup>1)2)</sup>	○ <sup>1)2)</sup>	
Outdoor	Reliability	Defrost / Deicing	●	●	●	●	●	●
		Restart Delay (3-minutes)	●	●	●	●	●	●
		Self Diagnosis	●	●	●	●	●	●
	Convenience	Soft Start	●	●	●	●	●	●
Night Low Noise Operation		X	●	●	●	●	●	
Peak Control		X	●	●	●	●	●	
Mode Lock		X	●	●	●	●	●	
Mobile LGMV		○ (PLGMVW100)	○ (PLGMVW100)	○ (PLGMVW100)	○ (PLGMVW100)	○ (PLGMVW100)	○ (PLGMVW100)	
PI485 Gateway	○ (PMNFP14A1)	○ (PMNFP14A1)	○ (PMNFP14A1)	○ (PMNFP14A1)	○ (PMNFP14A1)	○ (PMNFP14A1)		

### Notes

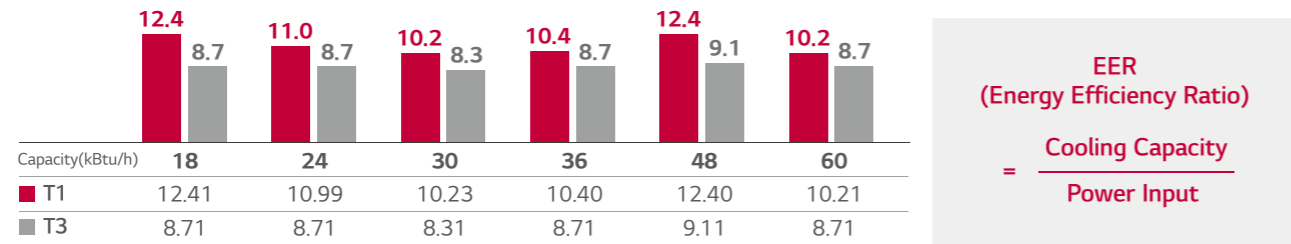
- : Applied, ○ : Accessory Required, X : Not Applied  
 ※ Customers should order and purchase accessories separately (required model name is provided on above). Then, corresponding model will be installed at field. Accessory line-ups varies by region, so check your local catalogue or local sales material.
  - Some functions can be limited by remote controller.
  - If customer wants to control ducted type indoor units by wireless remote controller, it is mandatory for wired remote controller to be installed for the signal reception of which wireless remote controller needs to utilize.
  - \* : These functions need a wired remote controller.
    - Premium
    - RS 3
    - RS 2
    - RS Simple
- \*\* : Indoor fan motor starts to consider the evaporator temperature under the heating mode operation.  
 \*\*\* : This is a function that automatically changes the air conditioner mode from cooling to heating (Vice Versa) in order to maintain the indoor temperature within 2°C disparity of target temperature.

## KEY FEATURE

### SUPERIOR EFFICIENCY

LG Models have high EER (T1), EER (T3).

And each year, the standard organization tests LG Product with sampling and confirms the results.



※ 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

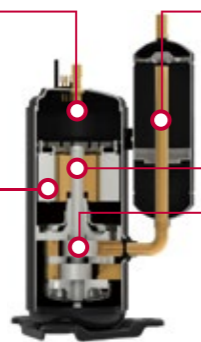
LG Twin Rotary Inverter Compressor is more stable and simpler than constant compressor.

#### Flow Optimization

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

#### 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.



#### Suction Optimization

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

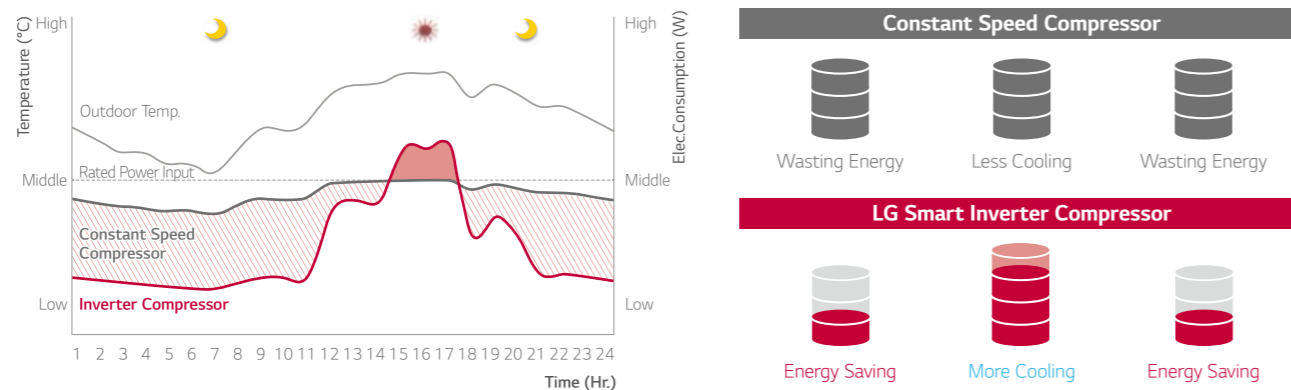
#### Surface Coating

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

#### 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 11 to 16 months because their superior efficiency.

Condition			Result			
No.	Category	Details	Capacity kBTu/h	Efficiency W/W	Payback Period	Saving %
1	Eng. Tool	Payback App.	18	3.64	1Y 4M	41
2	Setting Temp.	24	24	3.22	1Y 1M	41
3	Operating Time	24Hours	30	3.00	1Y 1M	31
4	Operating Month	May ~ Oct	36	3.05	11M	33
5	Electricity Fee	1.45 EGP/kWh	48	3.63	11M	46
			60	2.99	1Y 2M	32

## 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.

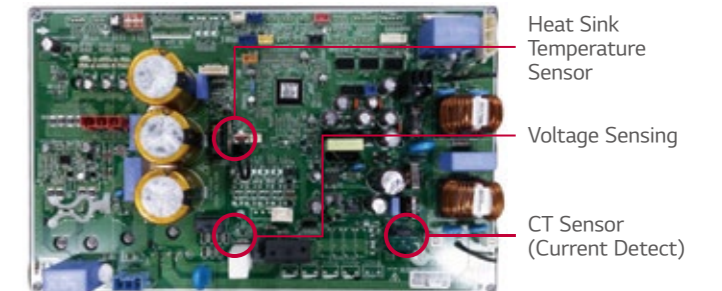


※ TMY : Typical Meteorological Year ※ Weather data source : EnergyPlus weather data, <https://energyplus.net/weather/source>

### 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)

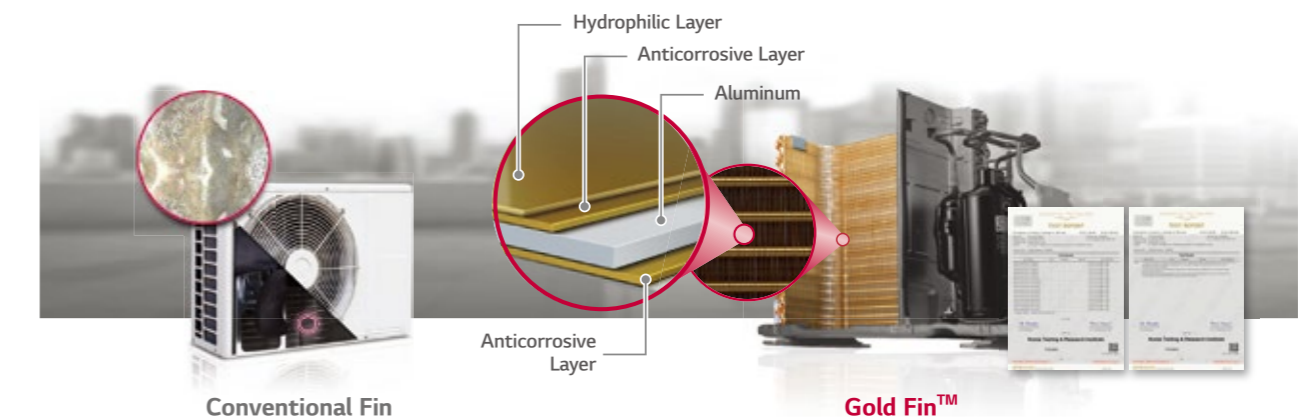
	Constant	LG Inverter
Over Voltage Detection	-	●
Low Voltage Detection	-	●
CT (Current transformer) Current Limit	On/Off Only	Inverter Control without Stopping
DC Peak Detection	Not Necessary	●
N Phase Reverse wiring (3 Phase Only)	-	●
Missing Phase Detection (3 Phase Only)	-	●



### HIGHLY CORROSION RESISTANT HEAT EXCHANGER

#### Gold Fin™

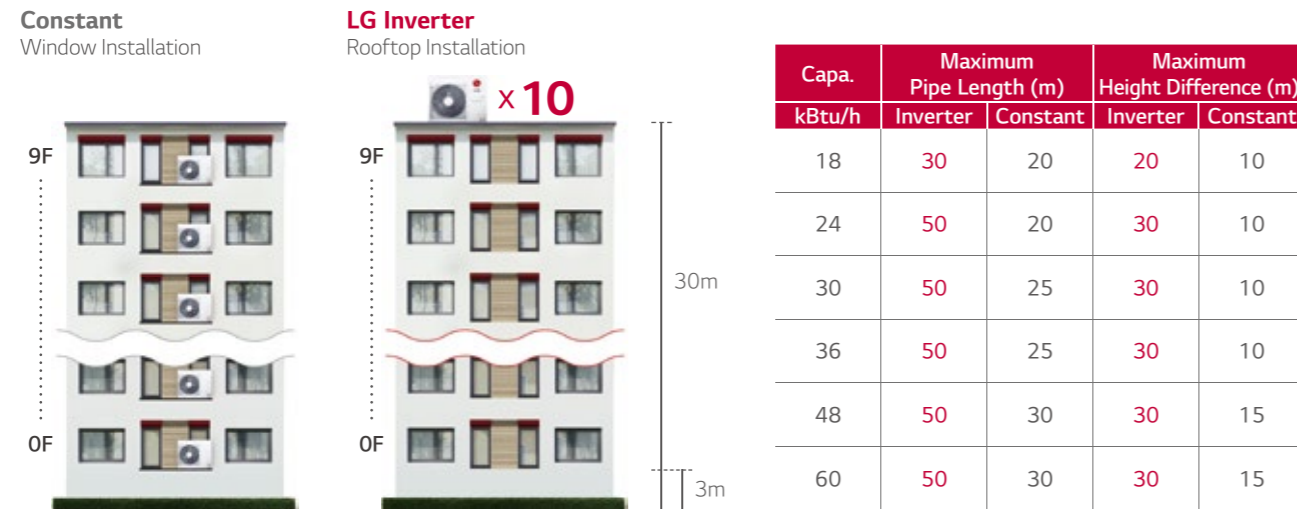
The gold-colored special coating on the fin of the heat exchanger prevents corrosion, extending the life of the unit.



# KEY FEATURE

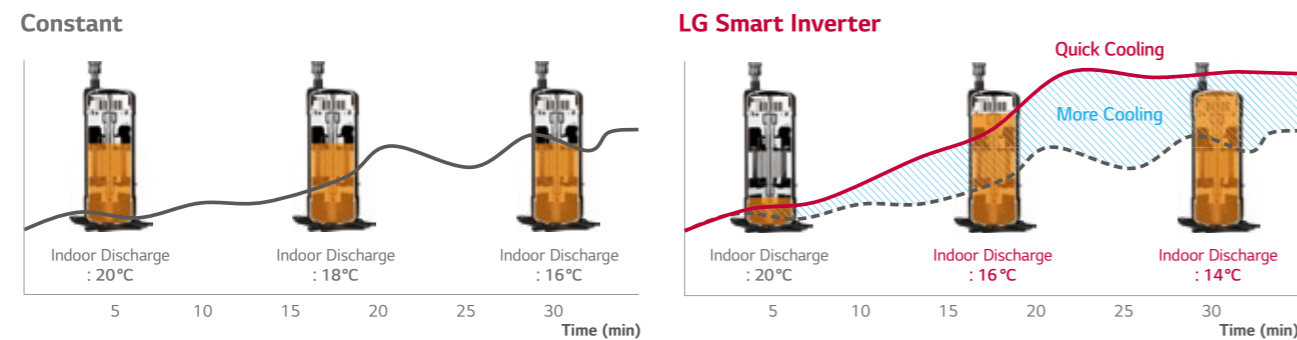
## POWERFUL LONG PIPE

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

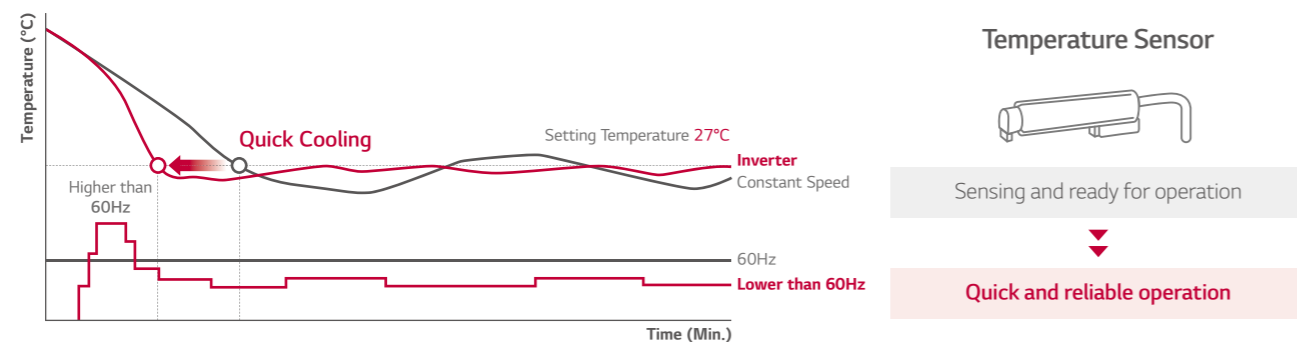
LG Smart inverter provide powerful cooling capacity by auto detection of pipe length.



※ Test condition : Pipe length : 50m, Temperature : 27 / 35°C (Indoor / Outdoor) ※ This result can be different depending on actual environment.

## QUICK COOLING

The time to reach the target temperature of Inverter Compressor is faster than that of Constant Speed Compressor through the improved temperature control logic.

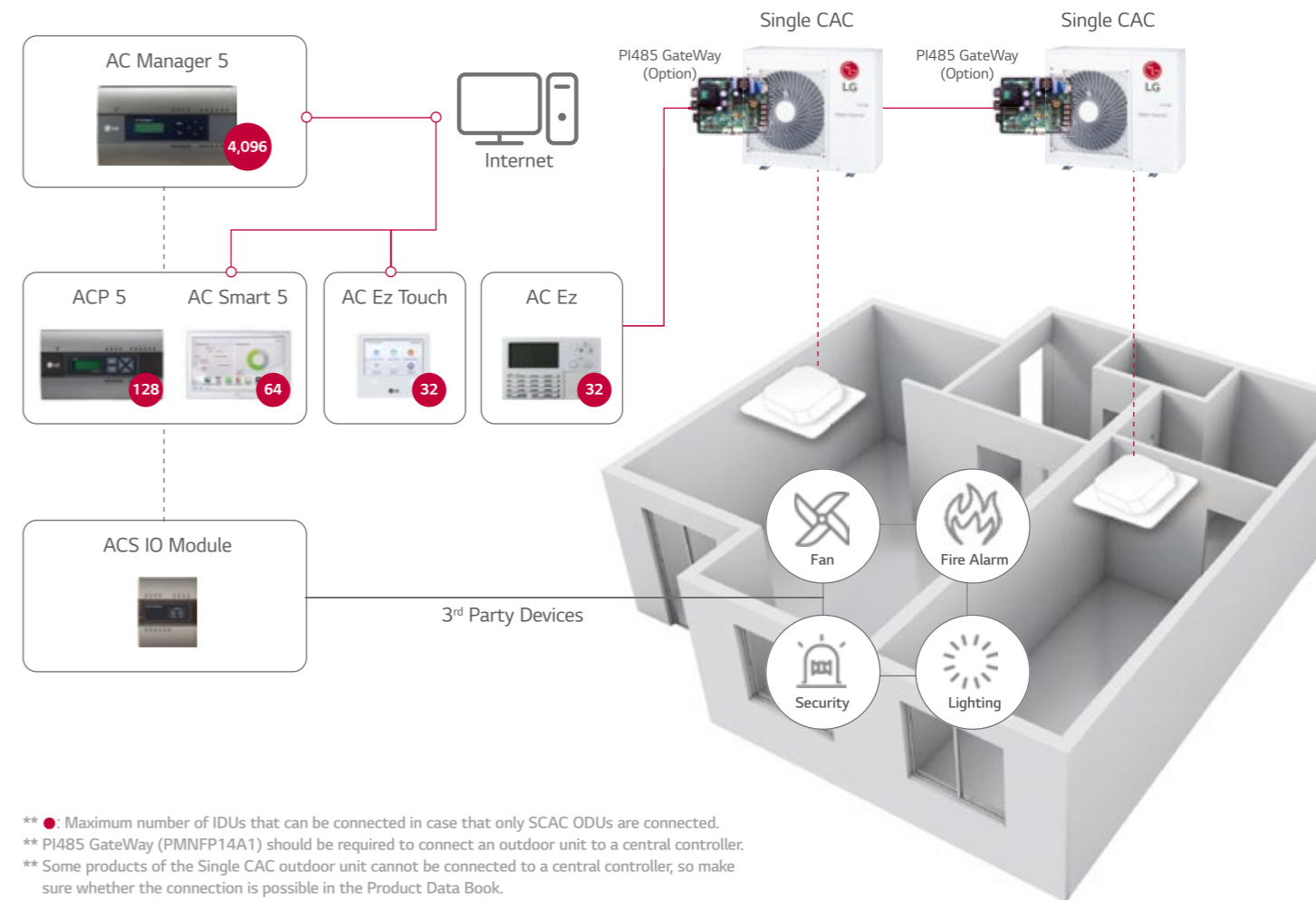


※ Setting temperature 27°C, Comparing capacity : 8.3kW  
※ This result can be different depending on actual environment.

# KEY FEATURE

## EASY CONTROL WITH LG CENTRAL CONTROLLER

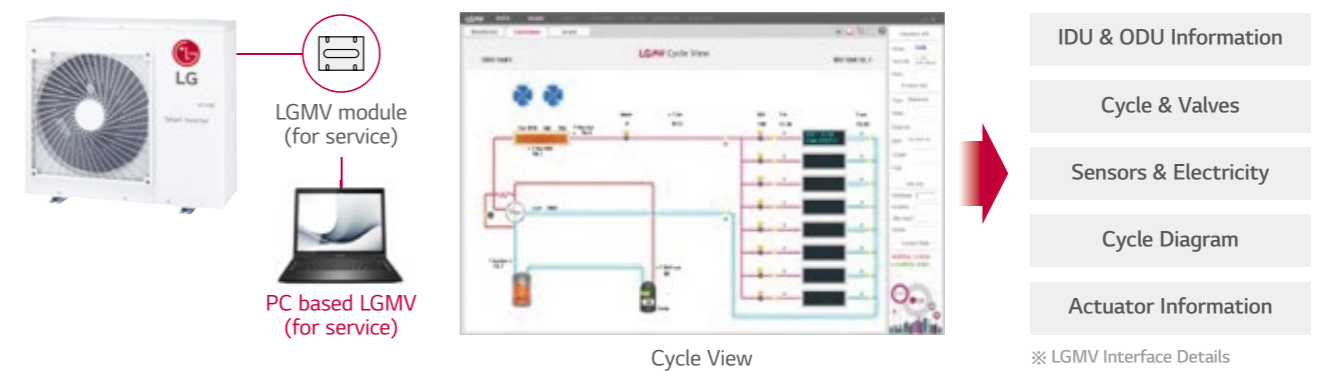
Product can be controlled not only individually, but also in conjunction with indoor units and 3<sup>rd</sup> party devices such as lighting, security and etc.



\*\* ● : Maximum number of IDUs that can be connected in case that only SCAC ODUs are connected.  
\*\* PI485 GateWay (PMNFP14A1) should be required to connect an outdoor unit to a central controller.  
\*\* Some products of the Single CAC outdoor unit cannot be connected to a central controller, so make sure whether the connection is possible in the Product Data Book.

## LGMV (MONITORING VIEW)

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

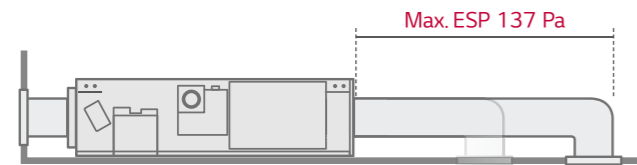


# KEY FEATURE

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

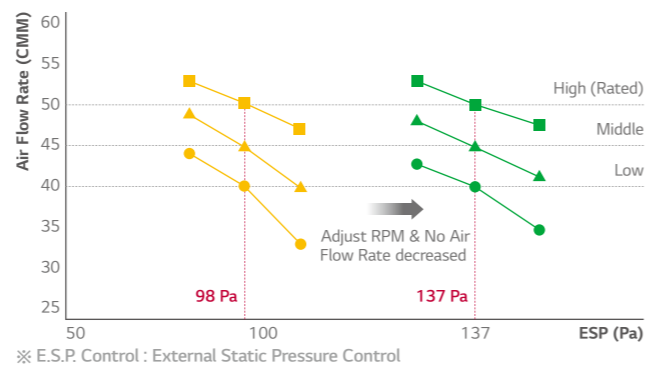
### Flexible Air Flow

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



※ Model : 54kBtu/h (ABNW60GM3T2)

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



※ E.S.P. Control : External Static Pressure Control

## AUTO E.S.P. (EXTERNAL STATIC PRESSURE) CONTROL FUNCTION

### Auto E.S.P. Operation Logic (Air Volume Prediction Through Using Motor Characteristics)

The air volume rate can be controlled automatically according to the external static pressure through setting the Auto E.S.P. (External Static Pressure) Control Function via the wired remote controller.



Wired Remote Controller Standard III  
PREMTB100 (White) / PREMTBB10 (Black)

## DUCT UVnano FILTER BOX (OPTIONAL ACCESSORIES)

Clean and healthy environment can be created through Duct UVnano Filter Box.

### Needs for Healthy Environment

- Increased need for anti-bacterial and sterilization of indoor air quality as well as ultrafine dust removal
- Increased requirement to prevent virus and bacterial contamination and improved management
- ASHRAE's Core Recommendations
- Recommendation of installing MERV 13 Filter or higher rating filter



### Provision for Sterilized and Cleaned Air

- Primary filtering through Pre-Filter
- Large particles such as fine dust, bacteria, viruses in the form of droplets can be trapped
- Reusable after washing with water
- Sterilization with UVnano
- Irradiation of ultraviolet rays for sterilization
- Sterilization on Pre-Filter where large particles are trapped
- 99.99% Sterilization Performance certified by authorized institution
- Semi-permanently without replacement
- Final filtering through MERV 13 Filter
- Particles as small as 0.3µm in size can be trapped
- Filtering Performance certified by authorized institutions
- Compensation for pressure drop due to the filter box installation by setting E.S.P. separately



### Convenient Maintenance

- Facilitating filter maintenance
- Accessible with 2 directions (Side direction / Bottom direction)



- Alarming display regarding filter replacement cycle through a wired remote controller
- MERV 13 Filter : 960hr



\*\* The time the filter has been used until the rated air flow rate drops to about 30%.  
\*\* The replacement cycle of filter may be different depending on the environment.

\*\*E.S.P. : External Static Pressure

# SPECIFICATION

## DUCTED SPLIT HEAT PUMP

Combination	Model Name	Unit	AB-W18GM1T6	AB-W24GM1T6	AB-W30GM1T6	AB-W36GM3T6	AB-W48GM3T6	AB-W60GM3T6
Cooling Capacity	Min - Rated (T1)	kW	2.10 - 4.98 - 5.85	2.79 - 7.15 - 7.62	3.36 - 7.76 - 8.35	3.75 - 9.08 - 9.96	5.61 - 14.06 - 15.82	6.33 - 17 - 17.02
	- Max	kBtu/h	7.2 - 17 - 20	9.6 - 24.4 - 26	11.48 - 26.5 - 28.5	12.8 - 31 - 34	19.2 - 48 - 54	21.6 - 58 - 58.1
Heating Capacity	Rated (T3)	kW	4.36	5.74	6.21	7.12	11.72	13.24
	Min - Rated - Max	kBtu/h	14.9	19.6	21.2	24.3	40	45.2
Power Input	Cooling (Rated, T1)	kW	1.37	2.22	2.59	2.98	3.87	5.68
	Cooling (Rated, T3)	kW	1.71	2.25	2.55	2.79	4.39	5.19
Efficiency	Heating (Rated)	kW	1.26	1.67	2.01	2.06	3.7	4.61
	EER (T1)	Btu/h W	12.4	11	10.2	10.4	12.4	10.2
Efficiency	EER (T3)	Btu/h W	8.7	8.7	8.3	8.7	9.1	8.7
	COP	W/W	4.2	3.8	3.5	3.9	4	3.55

Outdoor Units	Unit	ABUW18GM1T6	ABUW24GM1T6	ABUW30GM1T6	ABUW36GM3T6	ABUW48GM3T6	ABUW60GM3T6
Power Supply	-	V, Ø, Hz	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50
Outdoor Fan	Type	-	Axial	Axial	Axial	Axial	Axial
Outdoor Fan Motor	Type	-	BLDC	BLDC	BLDC	BLDC	BLDC
Compressor	Type	-	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Dimensions	Net (W x H x D)	mm	770 x 545 x 288	870 x 650 x 330	870 x 650 x 330	870 x 650 x 330	950 x 1,380 x 330
Weight	Net	kg	32.7	44.7	44.7	44.7	91.3
Exterior	Color	-	Warm Gray	Warm Gray	Warm Gray	Warm Gray	Warm Gray
Refrigerant	Type	-	R410A	R410A	R410A	R410A	R410A
Piping Connection	Liquid	mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas	mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø19.05 (3/4)
Piping Length	IDU - ODU (Rated / Max / Min)	m	5 / 30 / 5	5 / 50 / 5	5 / 50 / 5	5 / 50 / 5	5 / 50 / 5
Maximum Height Difference	IDU - ODU (Max)	m	20	30	30	30	30
Sound Pressure Level	Cooling	dB(A)	50	50	50	50	55
	Heating	dB(A)	52	52	52	52	57
Connecting Cable	Power Supply Cable (H07RN-F)	mm² x cores	2.5 x 3C	2.5 x 3C	2.5 x 3C	2.5 x 3C	6.0 x 3C

Indoor Units	Unit	ABNW18GM1T6	ABNW24GM1T6	ABNW30GM1T6	ABNW36GM3T6	ABNW48GM3T6	ABNW60GM3T6
Power Supply	-	V, Ø, Hz	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50
Indoor Fan	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Air Flow Rate (H / M / L)	m³/min	16.5 / 14.5 / 13	18 / 16.5 / 14.5	18 / 16.5 / 14.5	30 / 25 / 20	38 / 32 / 26
External Static Pressure	Pa	6	6	6	6	6	6
	Indoor Fan Motor	Type	-	BLDC	BLDC	BLDC	BLDC
Dimensions	Net (W x H x D)	mm	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700	1,250 x 360 x 700	1,250 x 360 x 700
Weight	Net	kg	25.3	25.3	25.3	37.1	43
Protection Device	-	-	Fuse	Fuse	Fuse	Fuse	Fuse
Drain Pipe	O.D / I.D (Natural Drainage)	mm	25.4 / 20.4	25.4 / 20.4	25.4 / 20.4	25.4 / 20.4	25.4 / 20.4
	O.D / I.D (Using Drain Pump)	mm	32 / 25	32 / 25	32 / 25	32 / 25	32 / 25
Sound Pressure Level	Cooling (H / M / L)	dB(A)	34 / 32 / 30	37 / 35 / 32	37 / 35 / 32	36 / 33 / 31	38 / 36 / 34
	Heating (H / M / L)	dB(A)	34 / 32 / 30	37 / 35 / 32	37 / 35 / 32	36 / 33 / 31	38 / 36 / 34
Connecting Cable	Power and Communication Cable (H07RN-F)	mm² x cores	0.75 x 4C	0.75 x 4C	0.75 x 4C	0.75 x 4	0.75 x 4C

### Note

1. Due to our policy of innovation some specifications may be changed without notification.
2. Wiring cable size must comply with the applicable local and national code. 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.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Therefore, these values can be increased owing to ambient conditions during operation.
4. Performances are based on the following conditions :
  - Applicable standard according to indoor type : Non Ducted - ISO 5151 / Ducted - ISO 13253
  - Cooling (T1) : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
  - Cooling (T3) : 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.
5. Refrigerant information (type, additional charging amount, etc.) must be applied by refrigerant type of the combined outdoor unit. Adapt after checking the specifications of outdoor unit.

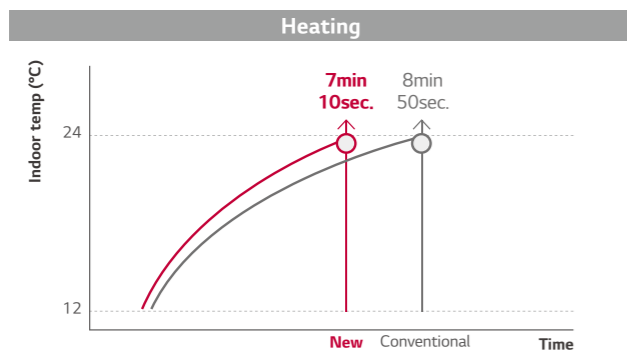
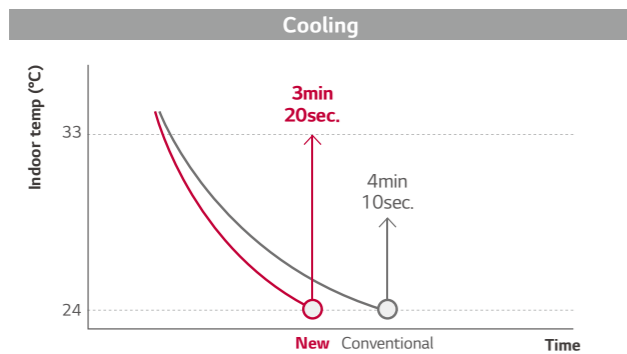


# FLOOR STANDING

## 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.



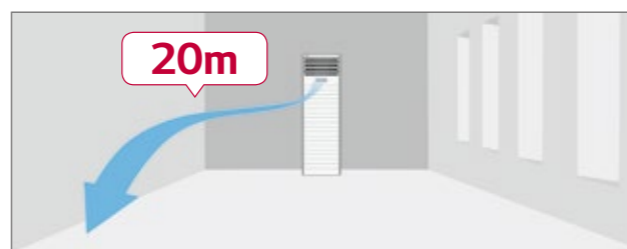
### STYLISH DESIGN

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	Model Name	Unit	AP-W36GT3E6	AP-W60GT3E6
Cooling Capacity	Min - Rated (T1) - Max	kW	3.22 - 10.01 - 10.6	5.59 - 15.24 - 15.82
		kBtu/h	11 - 34.15 - 36.2	19.1 - 52 - 54
	Rated (T3)	kW	8.15	11.72
		kBtu/h	27.8	40
Heating Capacity	Min - Rated - Max	kW	3.22 - 10.8 - 12.01	6.15 - 15.85 - 16.7
		kBtu/h	11 - 36.85 - 41	21 - 54.08 - 57
Power Input	Cooling (Rated, T1)	kW	3.16	4.73
	Cooling (Rated, T3)	kW	3.39	4.59
	Heating (Rated)	kW	2.84	4.49
Efficiency	EER (T1)	Btu/h W	10.8	11
	EER (T3)	Btu/h W	8.2	8.71
	COP	W/W	3.8	3.53
	Energy Label Grade	-	A+++++	A++++

Outdoor Units		Unit	APUW36GT3E6	APUW60GT3E6
Power Supply	-	V, Ø, Hz	220-230-240, 1, 50	220-230-240, 1, 50
Outdoor Fan	Type	-	Axial	Axial
Outdoor Fan Motor	Type	-	BLDC	BLDC
Compressor	Type	-	Twin Rotary	Twin Rotary
Dimensions	Net (W x H x D)	mm	950 x 834 x 330	950 x 1,380 x 330
Weight	Net	kg	56.6	91.3
Exterior	Color	-	Warm Gray	Warm Gray
Refrigerant	Type	-	R410A	R410A
	Precharged Amount	kg	2.2	3.4
Piping Connection	Liquid	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas	mm (inch)	Ø15.88 (5/8)	Ø19.05 (3/4)
Piping Length	IDU - ODU (Rated / Max / Min)	m	5 / 50 / 5	5 / 50 / 5
Maximum Height Difference	IDU - ODU (Max)	m	30	30
Sound Pressure Level	Cooling	dB(A)	51	55
	Heating	dB(A)	53	57
Connecting Cable	Power Supply Cable (H07RN-F)	mm² x cores	2.5 x 3C	6.0 X 3C

Indoor Units		Unit	APNW36GT3E6	APNW60GT3E6
Power Supply	-	V, Ø, Hz	220-230-240, 1, 50	220-230-240, 1, 50
Indoor Fan	Type	-	Sirocco Fan	Sirocco Fan
	Air Flow Rate (H / M / L)	m³/min	33 / 28 / 24	33 / 28 / 24
Indoor Fan Motor	External Static Pressure	Pa	-	-
	Type	-	BLDC	BLDC
Dimensions	Net (W x H x D)	mm	590 x 1,840 x 440	590 x 1,840 x 440
	Weight	kg	49	49
Protection Device	-	-	Fuse	Fuse
Drain Pipe	O.D / I.D (Natural Drainage)	mm	21 / 17	21 / 17
	O.D / I.D (Using Drain Pump)	mm	-	-
Sound Pressure Level	Cooling (H / M / L)	dB(A)	52 / 49 / 47	52 / 49 / 47
	Heating (H / M / L)	dB(A)	52 / 49 / 47	52 / 49 / 47
Connecting Cable	Power and Communication Cable (H07RN-F)	mm² x cores	0.75 x 4C	0.75 x 4C

#### 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 code. 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.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 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 (T1) : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
  - Cooling (T3) : 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.
- Refrigerant information (type, additional charging amount, etc.) must be applied by refrigerant type of the combined outdoor unit. Adapt after checking the specifications of outdoor unit.