
MULTI SPLIT

Advanced residential solution

LG HVAC SOLUTION



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MULTI SPLIT

KEY FEATURES

PERFECT SOLUTION FOR MULTIPLE ROOMS



Energy Efficiency | Extreme Durability | Comfort and Convenience

LG Multi split system provides powerful, efficient cooling and heating with two, three, four, or up to five indoor units operating off a single outdoor unit. LG's advanced inverter technology brings powerful performance while consuming less energy and it uses less space than installing individual single split systems.

A variety of sleek and elegant indoor units to complement any décor are available in a full range of capacities for all room sizes.



Installation is easy and it offers various convenient functions for easy maintenance.




LINE-UP

OUTDOOR UNIT

Heat Pump

	kBtu/h	24	27	30	40	48
	kW	7.0	7.9	8.7	11.7	14.0
Max. 4 IDUs (1Ø)						
Max. 5 IDUs (1Ø)						

Tropical

	kBtu/h	36
	kW	10.6
Max. 3 IDUs (1Ø)		

INDOOR UNIT

Heat Pump

		kBtu/h	7	9	12	18	24
		kW	2.0	2.6	3.5	5.3	7.0
Ceiling Mounted Cassette	1 Way Cassette 			•	•	•	
	4 Way Cassette 			•	•	•	•
Wall Mounted Unit	Standard Plus 		•	•	•	•	
Ceiling Concealed Duct	Low Static Pressure 			•	•	•	•

FEATURE OVERVIEW

OUTDOOR UNIT

Category		HEAT PUMP					TROPICAL	
kBtu/h		24	27	30	40	48	36	
kW		7.0	7.9	8.7	11.7	14.0	10.6	
Energy Efficiency	BLDC Comp. & Fan Motor	●	●	●	●	●	●	
	Wide Louver Plus Fin	●	●	●	●	●	●	
	Smart Load Control		●	●				
	Peak Current Control	●	●	●	●	●	●	
Durability	Twin Rotary Compressor	●	●	●				
	R1 Scroll Compressor				●	●	●	
	Smart Sensor Pressure Control	●	●	●	●	●	●	
	Black Fin Heat Exchanger	●	●	●	●	●	●	
Comfort	Fast Cooling & Heating	●	●	●	●	●	●	
	Night Silent Operation	●	●	●	●	●	●	
Convenience	Wiring Error Check	●	●	●	●	●	●	
	Monitoring PCB							
	LG MV	●	●	●	●	●	●	
	Forced Cooling Operation	●	●	●	●	●	●	
	Central Controller	AC Ez	●	●	●	●	●	●
		AC Smart / ACP	●	●	●	●	●	●
		AC Manager	●	●	●	●	●	●
	Gateway	ODU PI485	●	●	●	●	●	●
		BACnet	●	●	●	●	●	●
		Lonworks	●	●	●	●	●	●
Modbus		●	●	●	●	●	●	

INDOOR UNIT

Category		HEAT PUMP															
Type		Wall Mounted				1 Way Cassette			4 Way Cassette				Low Static Duct				
kBtu/h		7	9	12	18	9	12	18	9	12	18	24	9	12	18	24	
Smart	Wi-Fi	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Self Diagnosis	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Child Lock	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	E.S.P Control					○	○	○	○	○	○	○	○	○	○	○	
Comfort	Jet Cool	●	●	●	●	●	●	●	●	●	●	●					
	Auto Swing	Vertical	●	●	●	●	●	●	●								
		Horizontal	●	●	●	●	●	●	●	●	●	●					
	Vane Angle Control	Vertical	●	●	●	●	●	●	●								
		Horizontal	●	●	●	●				●	●	●	●				
	Comfort Air	●	●	●	●												
Independent Vane Control									●	●	●	●					
Health	Air Purification Kit					●	●	●				●					
	Dual Protection Filter	●	●	●	●												
	Auto Cleaning	●	●	●	●												
Network Function (Dry Contact)	Simple (1 point)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	2 Points Dry Contact	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	For 3rd Party Thermostat	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	For 3rd Party Thermostat (Analog Input)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Dry Contact For Modbus												●	●	●	●	

OUTDOOR UNIT

KEY FEATURES

SPECIFICATION



ENERGY EFFICIENCY

ENERGY EFFICIENCY

The advanced technologies of LG achieve the lowest energy consumption, especially SEER value.

World Class High Efficiency

SEER 6.6

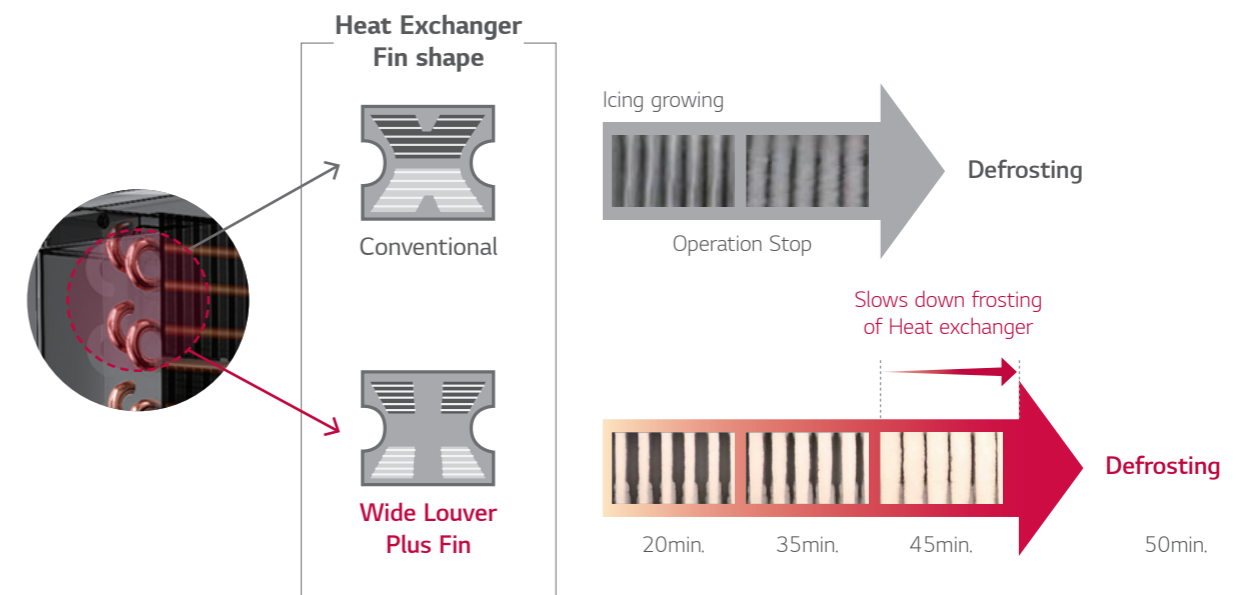
- BLDC Inverter Twin Rotary Compressor
- Enhanced Heat Exchanger
- Smart Load Control
- Peak current control

Enhanced Heat exchange by Wide Louver Plus Fin

Wide Louver Plus fin technology increases 11% of full load heating performance and 6% of COP compared to conventional fin. It can slow down frosting of heat exchanger and postpone the start of defrosting operation.

• Heating Operation at Defrost Condition

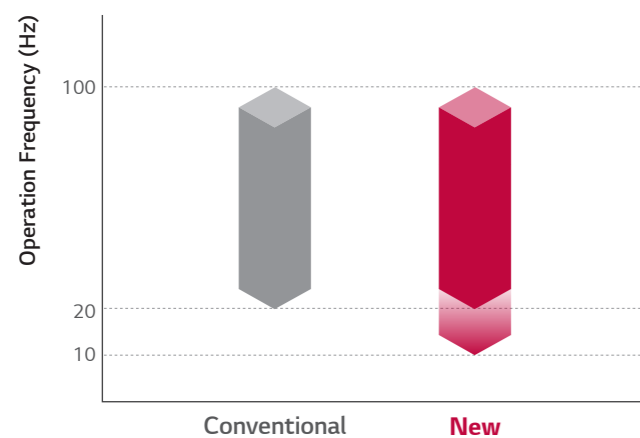
It can slow down frosting of heat exchanger and postpone the start of defrosting operation.



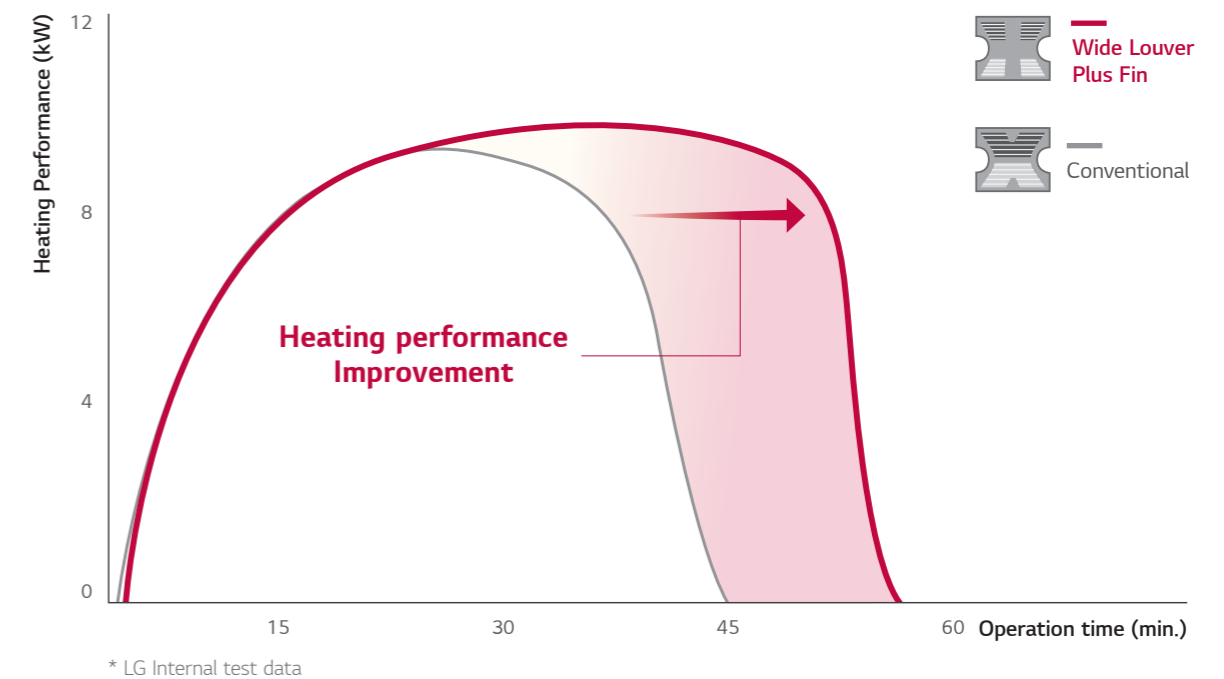
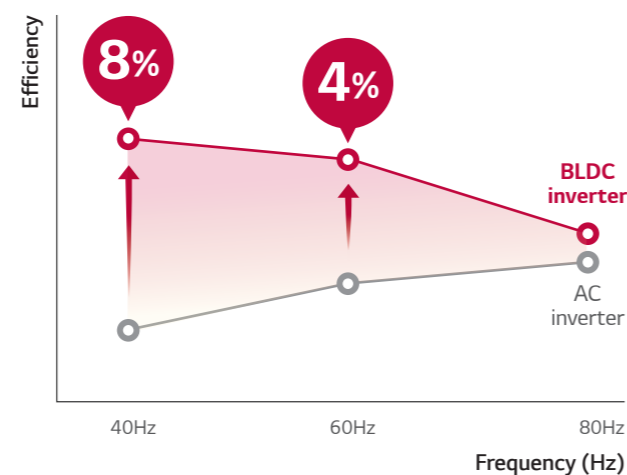
Powerful BLDC (Brushless Direct Current Motor) Compressor

LG air conditioners are equipped with a BLDC Inverter Twin Rotary Compressor that uses a neodymium magnetic core. The compressor has high efficiency and superior reliability, because it is excellent in controlling the operating speed depending on the load. The compressor has improved efficiency compared to standard AC inverter products and optimized for changes of outdoor load. Especially it is optimized for seasonal efficiency.

• Operation Range



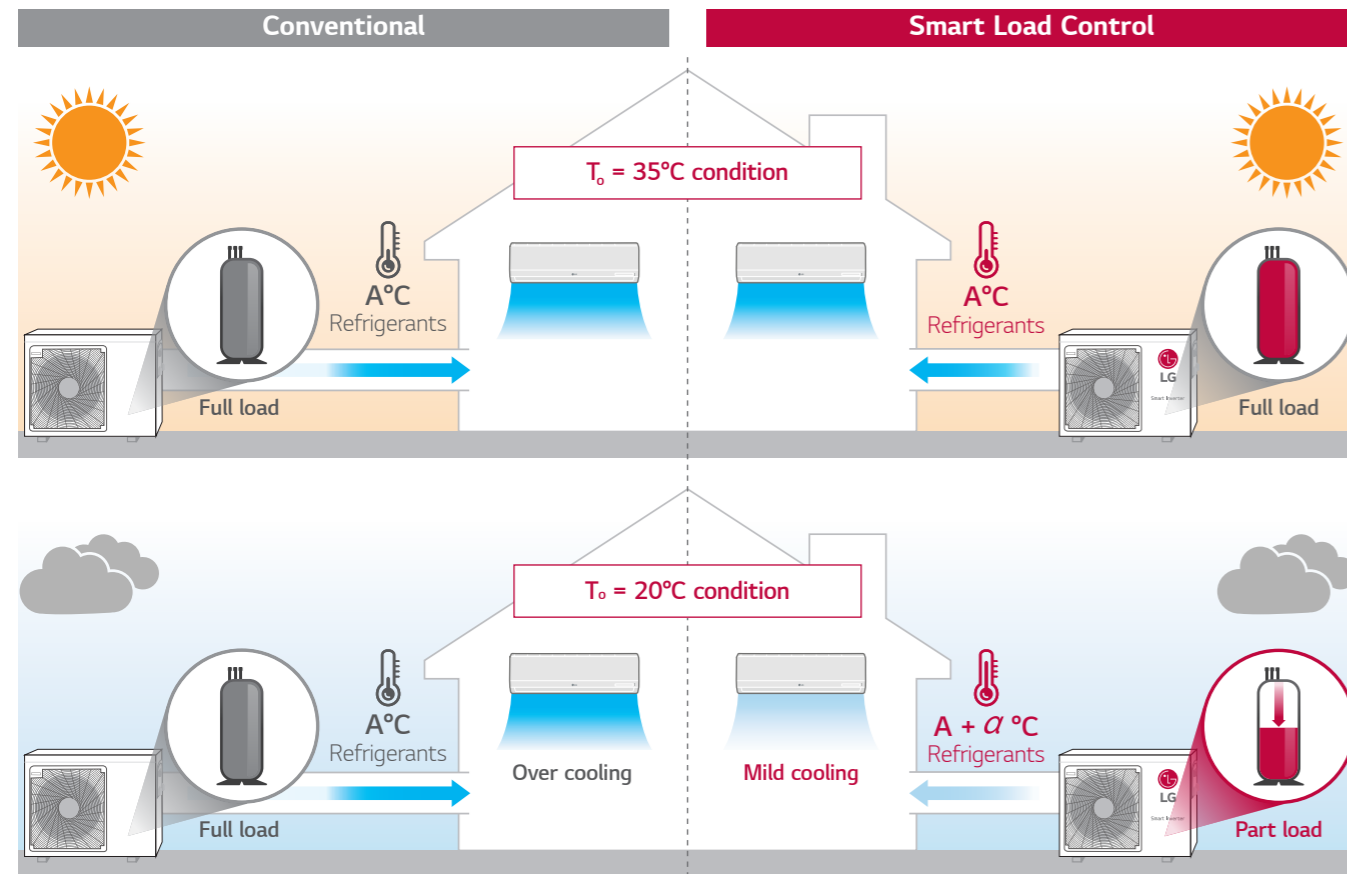
• Motor Efficiency



ENERGY EFFICIENCY

Smart Load Control

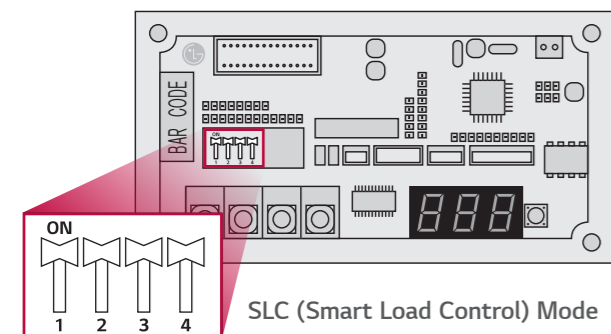
To save operation energy, it automatically controls the refrigerant temperature according to outside temperature.



* T_o : Outdoor temperature
* A is the indoor unit coil temperature

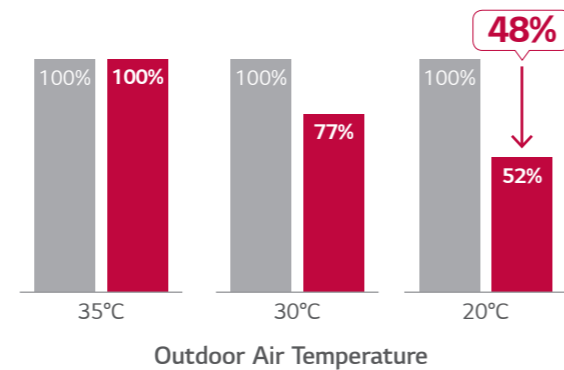
• How to set dip switch

To operate smart load control, dip switch setting is needed. It can save energy on real time operation.



• Real Time Energy Saving

■ Smart Load Control
■ Conventional

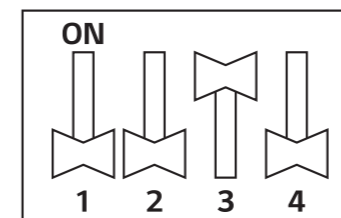


Peak Current Control

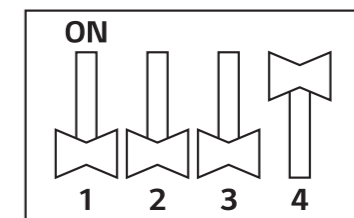
The peak current control function keeps the air conditioner from running at the maximum level while maintaining current system setting, in order to reduce energy consumption. This function can help to cut energy costs during the peak periods of energy use when the energy fee is much higher.

• How to set dip switch

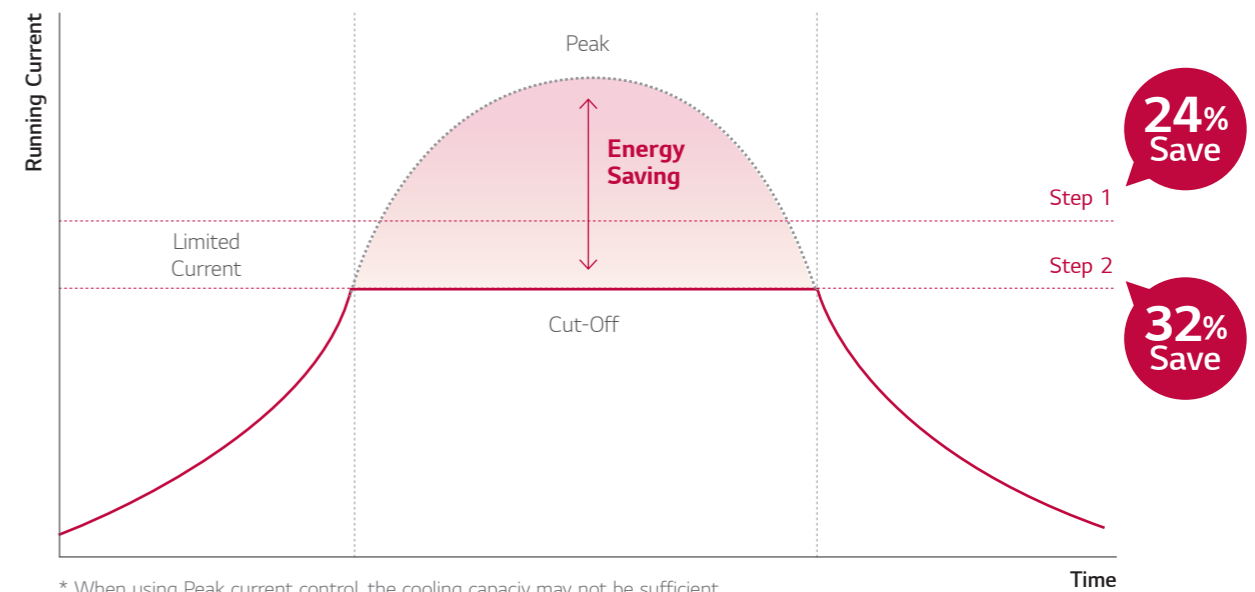
STEP 1 Max power consumption : 1.9 kW



STEP 2 Max power consumption : 1.7 kW



* Full Load consumption : 2.5kW
* 7.0kW model
* LG Internal test result

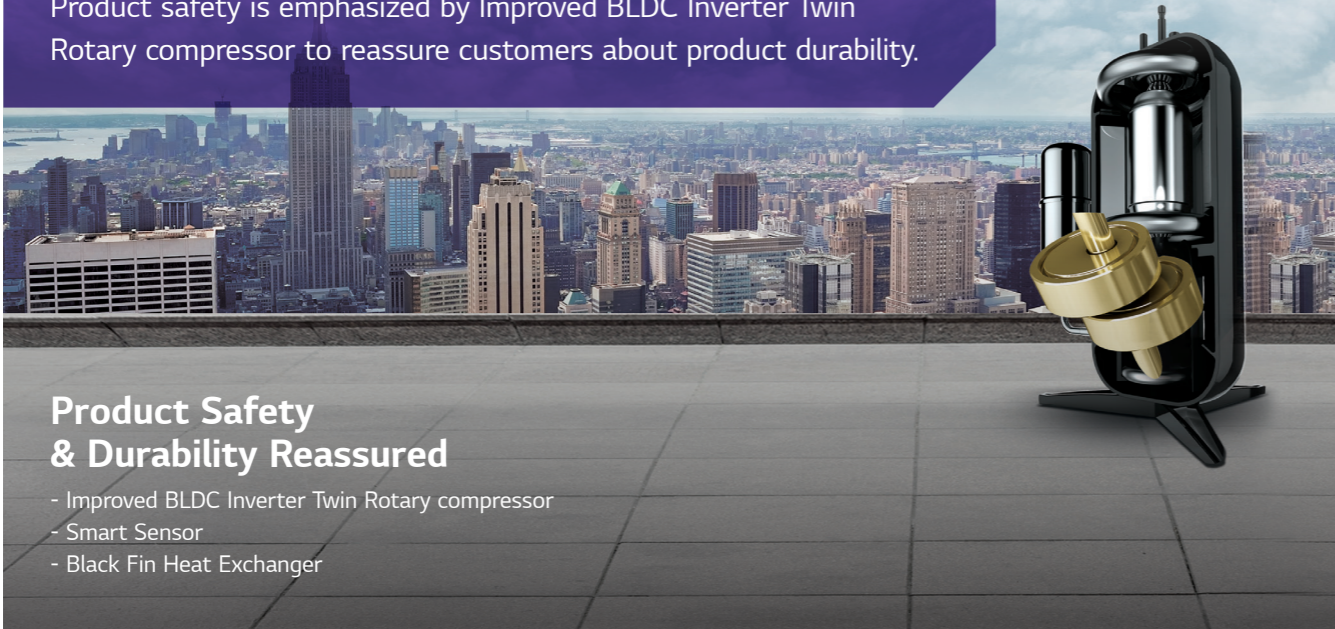


* When using Peak current control, the cooling capacity may not be sufficient.
* 7.0kW model
* LG Internal test result

EXTREME DURABILITY

EXTREME DURABILITY

Product safety is emphasized by Improved BLDC Inverter Twin Rotary compressor to reassure customers about product durability.



Product Safety & Durability Reassured

- Improved BLDC Inverter Twin Rotary compressor
- Smart Sensor
- Black Fin Heat Exchanger

Improved BLDC Inverter Twin Rotary Compressor

Parts of BLDC Inverter Twin Rotary Compressor have been improved to allow for a longer life span.

Flow Optimization

Reduced oil inflow by increasing the length of oil discharge pipe, which remains enough oil inside the compressor to prevent compressor 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

Shaft coating and polishing has been improved.

Twin Rotary Rotor

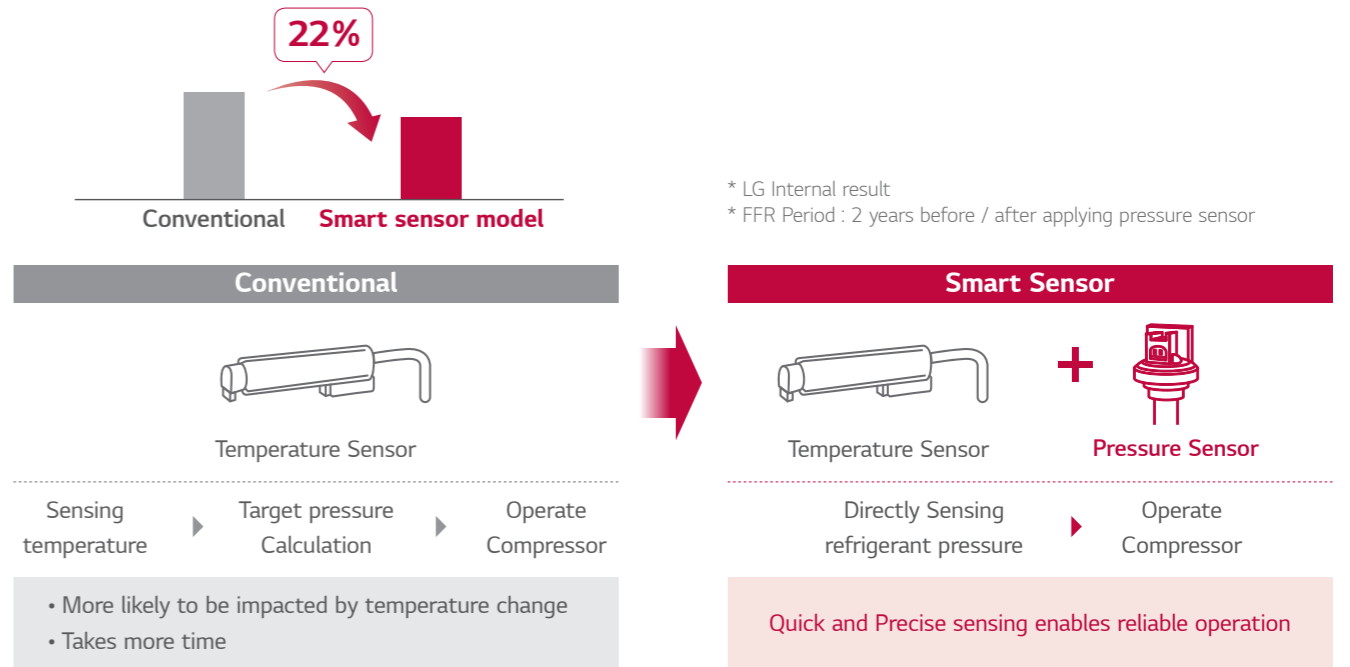
- Upper and lower part rotor offset imbalance in shaft rotor rotation. Max Torque has been decreased by 45% compared to single rotor.
- Vibration and noise is also reduced.

Twin Rotary Inverter Compressor

Pressure Control Technology by Smart Sensor

Quicker and more reliable operation is possible from pressure control technology.

• Field Failure Rate of Outdoor unit

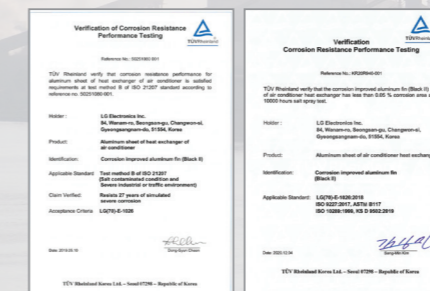


Black Fin

The black coating with enhanced epoxy resin is applied for strong protection from various corrosive external conditions such as salt contamination and air pollution including fumes.

Longer Lifespan, Lower Maintenance Costs

- **Hydrophilic film (Water flow)** - The Hydrophilic coating minimizes moisture buildup on the fin
- **Complex resin (Corrosion resistant)** - The Black coating provides strong protection from corrosion
- **Aluminum Fin**



* Verification of corrosion resistance performance
 - Test Method B of ISO21207 (27 years, simulated)
 - ASTM B117 / ISO 9227 (10,000 hours, real time)



COMFORT AND CONVENIENCE



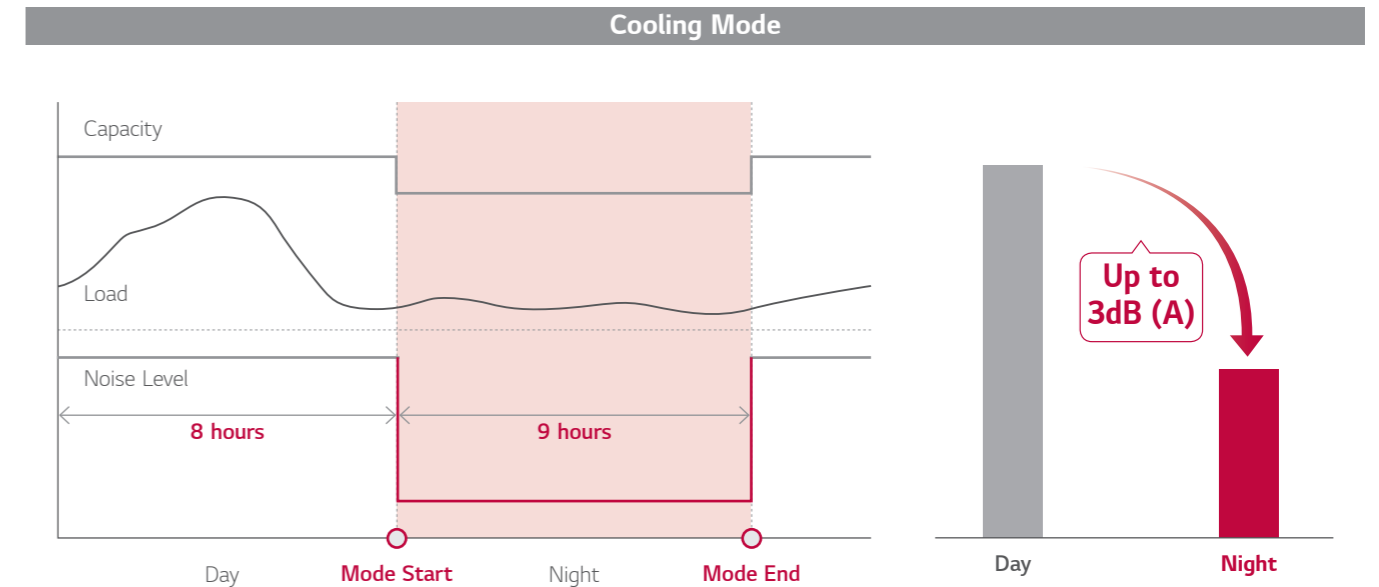
COMFORT AND CONVENIENCE

LG air conditioner always provides users with maximum levels of comfort and it is designed for an easy and efficient installation.

- Fast cooling and heating
- Night Silent operation
- Easy installation and maintenance

Night Silent Operation

Night silent operation can reduce noise levels at night time by simply setting the dip switch on the PCB of the outdoor unit.

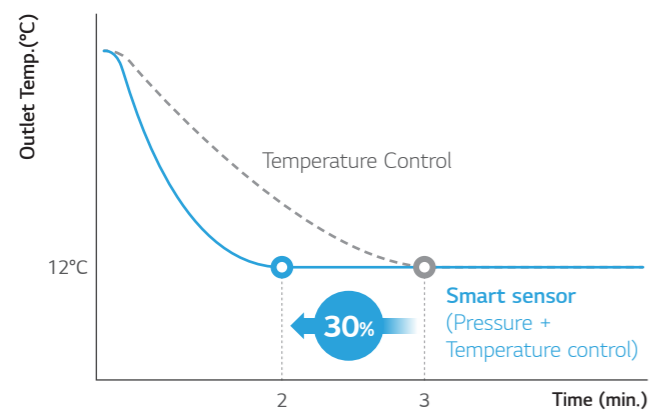


* This function is only available for Cooling Mode.
* If you want to stop the Night Quiet Mode, Change the Dip Switch.

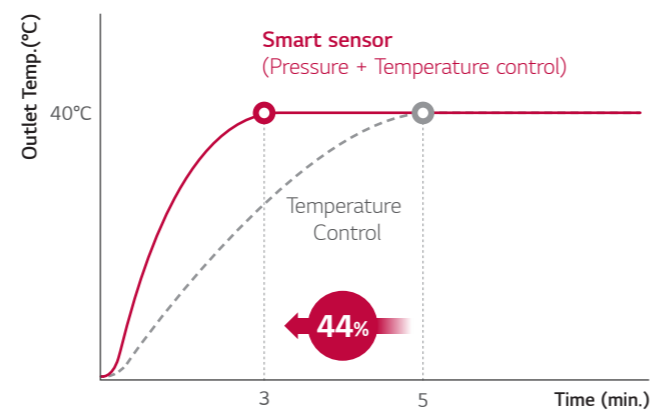
Fast Cooling & Heating

Pressure control takes less time to reach the desired temperature up to 30% in cooling and 44% in heating with high level of accuracy and stability.

• Cooling



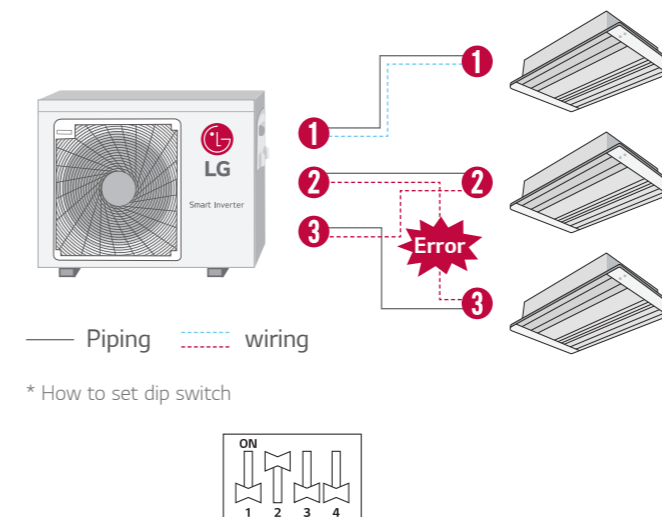
• Heating



* LG Internal test result

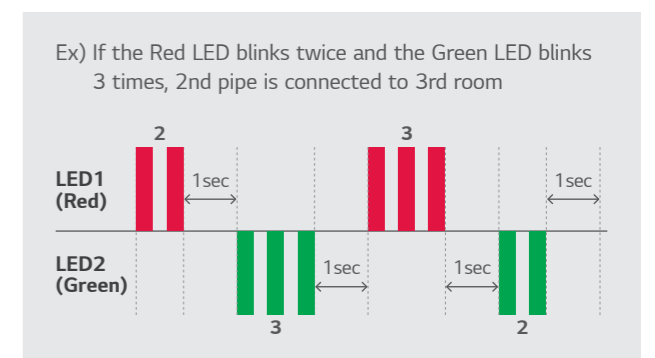
Wiring Error Check

Installers can check whether the transmission cable has been connected correctly by using the wiring error check function. The wiring error check function can reduce the time taken to check for transmission cable errors.



• LED Result

- If the wiring is correct, the Green LED will light up.
- If the wiring is wrong, display as below
 - Red LED : Piping Number
 - Green LED : Wiring Number (Room)

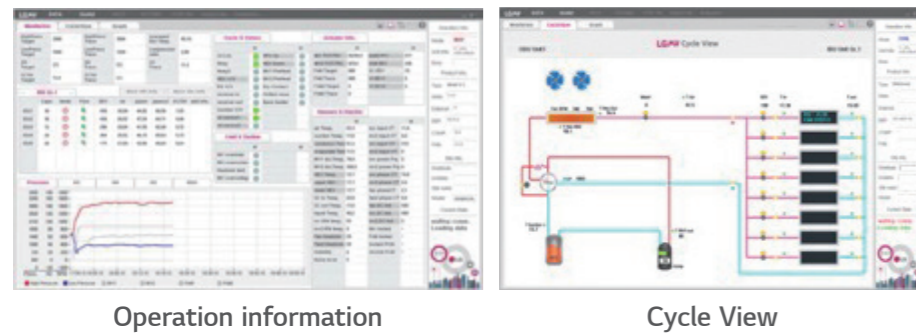


KEY FEATURES

COMFORT AND CONVENIENCE

LG MV (Monitoring View)

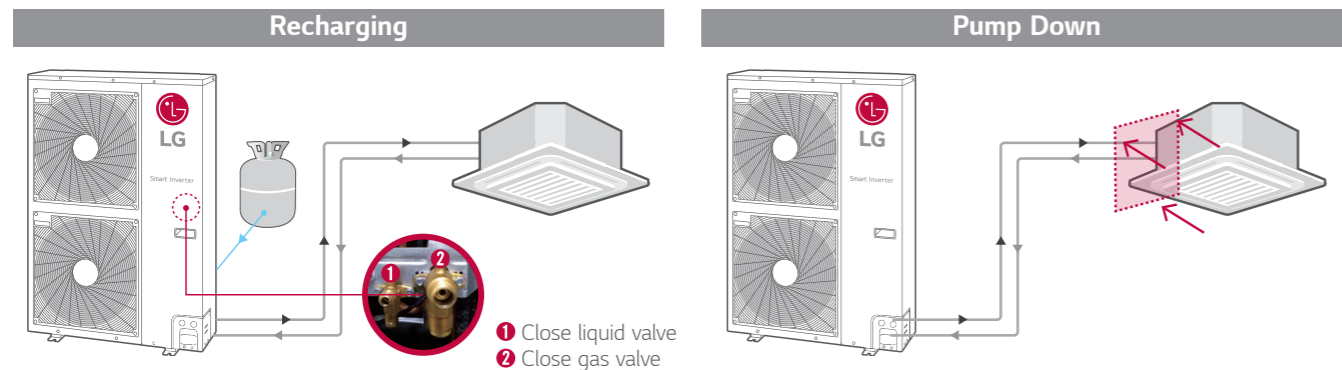
LG MV helps engineers to inspect and monitor air conditioning units easily.



- IDU & ODU Information
- Cycle & Valves
- Sensors & Electricity
- Cycle Diagram
- Actuator Information

Forced Cooling Operation

The forced cooling operation allows refrigerant to be recharged or pumped down, regardless of the indoor temperature. More importantly this function can be used when indoor units are being moved or repaired.



SPECIFICATION

OUTDOOR UNITS HEAT PUMP



OUTDOOR UNIT			A4UW24GFA3
Combination	Sum of Indoor Units Capacity	kBtu/h	39
	Number of Indoor Units	EA	4
	Number of BD Units	EA	-
Cooling Capacity*	Min.-Rated-Max.	kW	1.58 - 7.03 - 8.50
	Min.-Rated-Max.	Btu/h	5,400 - 24,000 - 29,000
Heating Capacity*	Min.-Rated-Max.	kW	1.90 - 8.09 - 9.09
	Min.-Rated-Max.	Btu/h	6,480 - 27,600 - 31,000
Power Input	Cooling*	Min.-Rated-Max. kW	0.39 - 1.71 - 2.77
	Heating*	Min.-Rated-Max. kW	0.49 - 1.92 - 2.85
Power Supply		V, Ø, Hz	220-240, 1, 50
Running Current	Cooling*	Min.-Rated-Max. A	1.7 - 7.8 - 12.6
	Heating*	Min.-Rated-Max. A	2.2 - 8.7 - 12.9
Power Factor	Rated	-	0.96
Power Supply Cable (included Earth)		No. × mm ²	3C × 2.5
Casing Color		-	Warm Gray
Dimensions	W × H × D	mm	870 × 650 × 330
Net Weight		kg(lbs)	46.2 (101.9)
Shipping Weight		kg(lbs)	50.2 (110.7)
Compressor	Type	-	Twin Rotary
	Model	Model × No.	GKT208MA × 1
	Motor type	-	BLDC
	Motor Output	W × No.	1,500 (at 60Hz) × 1
	Refrigerant	Type	-
Refrigerant	GWP (Global Warming Potential)	-	2087.5
	Precharged Amount	g (oz)	1,800 (63.5)
	t-CO ₂ eq.	-	3.758
	Control	-	Electronic Expansion Valve
	Chargeless-Pipe Length	m(ft)	30 (98.4)
Refrigerant Oil	Additional Charging Volume	g/m(oz/ft)	20 (0.22)
	Type	-	PVE
Heat Exchanger	Charged volume	cc × No.	670 × 1
	(Row × Column × Fins per inch) × No.	-	(2 × 28 × 14) × 1
Fan	Type	-	Propeller
	Air Flow Rate	m ³ /min × No.	50 × 1
Fan Motor	Type	-	BLDC
	Output	W × No.	85.4 × 1
Sound Pressure Level	Cooling	Rated dB(A)	50
	Heating	Rated dB(A)	54
Sound Power Level	Cooling	Rated dB(A)	66
	Liquid	Outer Dia. × No. mm(inch)	Ø 6.35 (1/4) × 4
Piping Connections	Gas	Outer Dia. × No. mm(inch)	Ø 9.52 (3/8) × 4
	Piping Length	Total Piping	Max. m(ft)
Main Piping		Standard m(ft)	-
		Max. m(ft)	-
Total Branch		Max. m(ft)	-
Each Branch		Standard m(ft)	7.5 (24.6)
Maximum Height Difference		Max. m(ft)	25 (82.0)
	ODU-IDU	Max. m(ft)	15 (49.2)
Operation Range (Outdoor Temperature)	IDU-IDU	Max. m(ft)	7.5 (24.6)
	Cooling	Min. - Max. °C(°F) DB	-10 (14.0) - 48 (118.4)
	Heating	Min. - Max. °C(°F) WB	-18 (-0.4) - 18 (64.4)

Note :

- All data are based on the following conditions:
 - Cooling Temperature : 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
 - Heating Temperature : Indoor 20°C(68°F) DB / 15°C(59°F) WB, Outdoor 7°C(44.6°F) DB / 6°C(42.8°F) WB
 - Piping Length : Interconnected Pipe Length = 7.5m
 - Difference Limit of Elevation (Outdoor - Indoor Unit) is Zero.
- Wiring cable size must comply with the applicable local and national code.
- Due to our policy of innovation some specifications may be changed without notification.
- Sound Level Values are measured at Anechoic chamber. Therefore, these values can be increased owing to ambient conditions during operation.

SPECIFICATION

OUTDOOR UNITS HEAT PUMP



OUTDOOR UNIT				A4UW27GFA2			
Combination	Sum of Indoor Units Capacity		kBtu/h	41			
	Number of Indoor Units		EA	4			
	Number of BD Units		EA	-			
Cooling Capacity*	Min.-Rated-Max.		kW	1.32 - 7.91 - 9.50			
	Min.-Rated-Max.		Btu/h	4,500 - 27,000 - 32,400			
Heating Capacity*	Min.-Rated-Max.		kW	1.47 - 9.09 - 10.6			
	Min.-Rated-Max.		Btu/h	5,000 - 31,000 - 36,000			
Power Input	Cooling*	Min.-Rated-Max.	kW	0.42 - 1.98 - 3.18			
	Heating*	Min.-Rated-Max.	kW	0.61 - 2.12 - 3.46			
Power Supply			V, Ø, Hz	220-240, 1, 50			
Running Current	Cooling*	Min.-Rated-Max.	A	1.9 - 8.9 - 14.4			
	Heating*	Min.-Rated-Max.	A	2.8 - 9.6 - 15.7			
Power Factor	Rated		-	0.96			
Power Supply Cable (included Earth)			No. × mm ²	3C × 2.5			
Casing Color			-	Warm Gray			
Dimensions	W × H × D		mm	950 × 834 × 330			
Net Weight			kg(lbs)	61.0 (134.4)			
Shipping Weight			kg(lbs)	68.0 (149.9)			
Compressor	Type		-	Twin Rotary			
	Model		Model × No.	GJT240MA × 1			
	Motor type		-	BLDC			
	Motor Output		W × No.	2,137 (at 60Hz) × 1			
Refrigerant	Type		-	R410A			
	GWP (Global Warming Potential)		-	2087.5			
	Precharged Amount		g (oz)	2,800 (98.8)			
	t-CO ₂ eq.		-	5,845			
	Control		-	Electronic Expansion Valve			
	Chargeless-Pipe Length		m(ft)	37.5 (123.0)			
Refrigerant Oil	Additional Charging Volume		g/m(oz/ft)	20 (0.22)			
	Type		-	FW68D			
Heat Exchanger	Charged volume		cc × No.	900 × 1			
	(Row × Column × Fins per inch) × No.		-	(2 × 38 × 14) × 1			
Fan	Type		-	Propeller			
	Air Flow Rate		m ³ /min × No.	60 × 1			
Fan Motor	Type		-	BLDC			
	Output		W × No.	124.2 × 1			
Sound Pressure Level	Cooling	Rated	dB(A)	50			
	Heating	Rated	dB(A)	54			
Sound Power Level	Cooling	Rated	dB(A)	65			
Piping Connections	Liquid	Outer Dia. × No.	mm(inch)	Ø 6.35 (1/4) × 4			
	Gas	Outer Dia. × No.	mm(inch)	Ø 9.52 (3/8) × 4			
Piping Length	Total Piping	Max.	m(ft)	70 (229.7)			
	Main Piping	Standard	m(ft)	-			
		Max.	m(ft)	-			
	Total Branch	Max.	m(ft)	-			
	Each Branch	Standard	m(ft)	7.5 (24.6)			
Maximum Height Difference	ODU-IDU	Max.	m(ft)	15 (49.2)			
	IDU-IDU	Max.	m(ft)	7.5 (24.6)			
Operation Range (Outdoor Temperature)	Cooling	Min. - Max.	°C (°F) DB	-10 (14.0) - 48 (118.4)			
	Heating	Min. - Max.	°C (°F) WB	-18 (-0.4) - 18 (64.4)			

Note :

- All data are based on the following conditions:
 - Cooling Temperature : 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
 - Heating Temperature : Indoor 20°C(68°F) DB / 15°C(59°F) WB, Outdoor 7°C(44.6°F) DB / 6°C(42.8°F) WB
 - Piping Length : Interconnected Pipe Length = 7.5m
 - Difference Limit of Elevation (Outdoor - Indoor Unit) is Zero.
- Wiring cable size must comply with the applicable local and national code.
- Due to our policy of innovation some specifications may be changed without notification.
- Sound Level Values are measured at Anechoic chamber. Therefore, these values can be increased owing to ambient conditions during operation.

OUTDOOR UNIT				A5UW30GFA2			
Combination	Sum of Indoor Units Capacity		kBtu/h	48			
	Number of Indoor Units		EA	5			
	Number of BD Units		EA	-			
Cooling Capacity*	Min.-Rated-Max.		kW	1.32 - 8.79 - 10.6			
	Min.-Rated-Max.		Btu/h	4,500 - 30,000 - 36,000			
Heating Capacity*	Min.-Rated-Max.		kW	1.47 - 10.1 - 12.1			
	Min.-Rated-Max.		Btu/h	5,000 - 34,500 - 41,400			
Power Input	Cooling*	Min.-Rated-Max.	kW	0.42 - 2.26 - 3.59			
	Heating*	Min.-Rated-Max.	kW	0.61 - 2.29 - 3.71			
Power Supply			V, Ø, Hz	220-240, 1, 50			
Running Current	Cooling*	Min.-Rated-Max.	A	1.9 - 10.2 - 16.2			
	Heating*	Min.-Rated-Max.	A	2.8 - 10.4 - 16.8			
Power Factor	Rated		-	0.96			
Power Supply Cable (included Earth)			No. × mm ²	3C × 2.5			
Casing Color			-	Warm Gray			
Dimensions	W × H × D		mm	950 × 834 × 330			
Net Weight			kg(lbs)	61.0 (134.4)			
Shipping Weight			kg(lbs)	68.0 (149.9)			
Compressor	Type		-	Twin Rotary			
	Model		Model × No.	GJT240MA × 1			
	Motor type		-	BLDC			
	Motor Output		W × No.	2,137 (at 60Hz) × 1			
Refrigerant	Type		-	R410A			
	GWP (Global Warming Potential)		-	2087.5			
	Precharged Amount		g (oz)	3,200 (112.9)			
	t-CO ₂ eq.		-	6,680			
	Control		-	Electronic Expansion Valve			
	Chargeless-Pipe Length		m(ft)	37.5 (123.0)			
Refrigerant Oil	Additional Charging Volume		g/m(oz/ft)	20 (0.22)			
	Type		-	FW68D			
Heat Exchanger	Charged volume		cc × No.	900 × 1			
	(Row × Column × Fins per inch) × No.		-	(2 × 38 × 14) × 1			
Fan	Type		-	Propeller			
	Air Flow Rate		m ³ /min × No.	60 × 1			
Fan Motor	Type		-	BLDC			
	Output		W × No.	124.2 × 1			
Sound Pressure Level	Cooling	Rated	dB(A)	50			
	Heating	Rated	dB(A)	54			
Sound Power Level	Cooling	Rated	dB(A)	66			
Piping Connections	Liquid	Outer Dia. × No.	mm(inch)	Ø 6.35 (1/4) × 5			
	Gas	Outer Dia. × No.	mm(inch)	Ø 9.52 (3/8) × 5			
Piping Length	Total Piping	Max.	m(ft)	75 (246.1)			
	Main Piping	Standard	m(ft)	-			
		Max.	m(ft)	-			
	Total Branch	Max.	m(ft)	-			
	Each Branch	Standard	m(ft)	7.5 (24.6)			
Maximum Height Difference	ODU-IDU	Max.	m(ft)	15 (49.2)			
	IDU-IDU	Max.	m(ft)	7.5 (24.6)			
Operation Range (Outdoor Temperature)	Cooling	Min. - Max.	°C (°F) DB	-10 (14.0) - 48 (118.4)			
	Heating	Min. - Max.	°C (°F) WB	-18 (-0.4) - 18 (64.4)			

Note :

- All data are based on the following conditions:
 - Cooling Temperature : 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
 - Heating Temperature : Indoor 20°C(68°F) DB / 15°C(59°F) WB, Outdoor 7°C(44.6°F) DB / 6°C(42.8°F) WB
 - Piping Length : Interconnected Pipe Length = 7.5m
 - Difference Limit of Elevation (Outdoor - Indoor Unit) is Zero.
- Wiring cable size must comply with the applicable local and national code.
- Due to our policy of innovation some specifications may be changed without notification.
- Sound Level Values are measured at Anechoic chamber. Therefore, these values can be increased owing to ambient conditions during operation.

SPECIFICATION

OUTDOOR UNITS HEAT PUMP



OUTDOOR UNIT				A5UW40GFA1	A5UW48GFA2	
Combination	Sum of Indoor Units Capacity	kBtu/h		72	72	
	Number of Indoor Units	EA		5	5	
	Number of BD Units	EA		-	-	
Cooling Capacity*	Min.-Rated-Max.	kW		1.32 ~ 11.20 ~ 14.65	1.32 ~ 14.01 ~ 14.65	
	Min.-Rated-Max.	Btu/h		4,500 ~ 38,200 ~ 50,000	4,500 ~ 47,800 ~ 50,000	
Heating Capacity*	Min.-Rated-Max.	kW		1.47 ~ 12.51~15.97	1.47 ~ 14.65~15.97	
	Min.-Rated-Max.	Btu/h		5,000~ 42,700 ~ 54,500	5,000~ 50,000 ~ 54,500	
Power Input	Cooling*	Min.-Rated-Max.	kW	0.40 ~ 3.29 ~ 5.50	0.40 ~ 4.67 ~ 5.50	
	Heating*	Min.-Rated-Max.	kW	0.42 ~ 3.21 ~ 5.60	0.42 ~ 4.01 ~ 5.60	
Power Supply		V, Ø, Hz		220-240, 1, 50	220-240, 1, 50	
Running Current	Cooling*	Min.-Rated-Max.	A	1.8 ~ 14.9 ~ 24.9	1.8 ~ 21.2 ~ 24.9	
	Heating*	Min.-Rated-Max.	A	1.9 ~ 14.5 ~ 25.4	1.9 ~ 18.1 ~ 25.4	
Power Factor		Rated		0.96	0.96	
Power Supply Cable (included Earth)		No. × mm ²		3C × 3.5	3C × 3.5	
Casing Color				Warm Gray	Warm Gray	
Dimensions	W × H × D	mm		950 × 834 × 330	950 × 834 × 330	
Net Weight		kg(lbs)		73.0 (160.9)	73.0 (160.9)	
Shipping Weight		kg(lbs)		79.0 (174.2)	79.0 (174.2)	
Compressor	Type			Scroll	Scroll	
	Model	Model × No.		RJA036MAA × 1	RJA036MAA × 1	
	Motor type			BLDC	BLDC	
	Motor Output	W × No.		3,200 (at 60Hz) × 1	3,200 (at 60Hz) × 1	
Refrigerant	Type			R410A	R410A	
	GWP (Global Warming Potential)			2,087.5	2,087.5	
	Precharged Amount	g (oz)		3,400 (119.9)	3,400 (119.9)	
	t-CO ₂ eq.			7,098	7,098	
	Control			Electronic Expansion Valve	Electronic Expansion Valve	
	Chargeless-Pipe Length	m(ft)		37.5 (123.0)	37.5 (123.0)	
Refrigerant Oil	Additional Charging Volume	g/m(oz/ft)		20 (0.22)	20 (0.22)	
	Type			FW68D	FW68D	
Heat Exchanger	Charged volume	cc × No.		1,100 × 1	1,100 × 1	
	(Row × Column × Fins per inch) × No.			(3 × 38 × 14) × 1	(3 × 38 × 14) × 1	
Fan	Type			Propeller	Propeller	
	Air Flow Rate	m ³ /min × No.		80 × 1	80 × 1	
Fan Motor	Type			BLDC	BLDC	
	Output	W × No.		200 × 1	200 × 1	
Sound Pressure Level	Cooling	Rated	dB(A)	53	53	
	Heating	Rated	dB(A)	55	55	
Sound Power Level	Cooling	Rated	dB(A)	67	67	
	Heating	Rated	dB(A)	67	67	
Piping Connections	Liquid	Outer Dia. × No.	mm(inch)	Ø 6.35 (1/4) × 5	Ø 6.35 (1/4) × 5	
	Gas	Outer Dia. × No.	mm(inch)	Ø 9.52 (3/8) × 5	Ø 9.52 (3/8) × 5	
Piping Length	Total Piping	Max.	m(ft)	85 (278.9)	85 (278.9)	
	Main Piping	Standard	m(ft)	-	-	
		Max.	m(ft)	-	-	
	Total Branch	Standard	m(ft)		7.5 (24.6)	7.5 (24.6)
		Max.	m(ft)		25 (82.0)	25 (82.0)
	Maximum Height Difference	ODU-IDU	Max.	m(ft)	15 (49.2)	15 (49.2)
IDU-IDU		Max.	m(ft)	7.5 (24.6)	7.5 (24.6)	
Operation Range (Outdoor Temperature)	Cooling	Min. ~ Max.	°C (°F) DB	-10 (14.0) ~ 48 (118.4)	-10 (14.0) ~ 48 (118.4)	
	Heating	Min. ~ Max.	°C (°F) WB	-25 (-13) ~ 18 (64.4)	-25 (-13) ~ 18 (64.4)	

Note :

- All data are based on the following conditions:
 - Cooling Temperature : 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
 - Heating Temperature : Indoor 20°C(68°F) DB / 15°C(59°F) WB, Outdoor 7°C(44.6°F) DB / 6°C(42.8°F) WB
 - Piping Length : Interconnected Pipe Length = 7.5m
 - Difference Limit of Elevation (Outdoor ~ Indoor Unit) is Zero.
- Wiring cable size must comply with the applicable local and national code.
- Due to our policy of innovation some specifications may be changed without notification.
- Sound Level Values are measured at Anechoic chamber. Therefore, these values can be increased owing to ambient conditions during opration.

SPECIFICATION

OUTDOOR UNITS TROPICAL



OUTDOOR UNIT				A3UW36GFT1	
Combination	Sum of Indoor Units Capacity	kBtu/h		47	
	Number of Indoor Units	EA		3	
	Number of BD Units	EA		-	
Cooling Capacity*	Min.-Rated-Max.	kW		2.11 ~ 10.55 ~ 12.08	
	Min.-Rated-Max.	Btu/h		7,200 ~ 36,000 ~ 41,200	
Heating Capacity*	Min.-Rated-Max.	kW		2.34 ~ 11.72 ~ 13.83	
	Min.-Rated-Max.	Btu/h		8,000~ 40,000 ~ 47,200	
Power Input	Cooling*	Min.-Rated-Max.	kW	0.53 ~ 3.32 ~ 5.40	
	Heating*	Min.-Rated-Max.	kW	0.60 ~ 3.34 ~ 5.55	
Power Supply		V, Ø, Hz		220-240, 1, 50	
Running Current	Cooling*	Min.-Rated-Max.	A	2.4 ~ 15.1 ~ 24.4	
	Heating*	Min.-Rated-Max.	A	2.7 ~ 13.8 ~ 25.4	
Power Factor		Rated		0.96	
Power Supply Cable (included Earth)		No. × mm ²		3C × 3.5	
Casing Color				Warm Gray	
Dimensions	W × H × D	mm		950 × 834 × 330	
Net Weight		kg(lbs)		72.0 (158.7)	
Shipping Weight		kg(lbs)		78.0 (172.0)	
Compressor	Type			Scroll	
	Model	Model × No.		RJA036MAA × 1	
	Motor type			BLDC	
	Motor Output	W × No.		3,200 (at 60Hz) × 1	
Refrigerant	Type			R410A	
	GWP (Global Warming Potential)			2,087.5	
	Precharged Amount	g (oz)		3,400 (119.9)	
	t-CO ₂ eq.			7,098	
	Control			Electronic Expansion Valve	
	Chargeless-Pipe Length	m(ft)		37.5 (123.0)	
Refrigerant Oil	Additional Charging Volume	g/m(oz/ft)		20 (0.22)	
	Type			FVC68D	
Heat Exchanger	Charged volume	cc × No.		1,100 × 1	
	(Row × Column × Fins per inch) × No.			(3 × 38 × 14) × 1	
Fan	Type			Propeller	
	Air Flow Rate	m ³ /min × No.		80 × 1	
Fan Motor	Type			BLDC	
	Output	W × No.		200 × 1	
Sound Pressure Level	Cooling	Rated	dB(A)	53	
	Heating	Rated	dB(A)	55	
Sound Power Level	Cooling	Rated	dB(A)	67	
	Heating	Rated	dB(A)	67	
Piping Connections	Liquid	Outer Dia. × No.	mm(inch)	Ø 6.35 (1/4) × 3	
	Gas	Outer Dia. × No.	mm(inch)	Ø 9.52 (3/8) × 3	
Piping Length	Total Piping	Max.	m(ft)	75 (246.1)	
	Main Piping	Standard	m(ft)	-	
		Max.	m(ft)	-	
	Total Branch	Standard	m(ft)		7.5 (24.6)
		Max.	m(ft)		25 (82.0)
	Maximum Height Difference	ODU-IDU	Max.	m(ft)	15 (49.2)
IDU-IDU		Max.	m(ft)	7.5 (24.6)	
Operation Range (Outdoor Temperature)	Cooling	Min. ~ Max.	°C (°F) DB	-10 (14.0) ~ 54 (129.2)	
	Heating	Min. ~ Max.	°C (°F) WB	-5 (23) ~ 18 (64.4)	

Note :

- All data are based on the following conditions:
 - Cooling Temperature : 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
 - Heating Temperature : Indoor 20°C(68°F) DB / 15°C(59°F) WB, Outdoor 7°C(44.6°F) DB / 6°C(42.8°F) WB
 - Piping Length : Interconnected Pipe Length = 7.5m
 - Difference Limit of Elevation (Outdoor ~ Indoor Unit) is Zero.
- Wiring cable size must comply with the applicable local and national code.
- Due to our policy of innovation some specifications may be changed without notification.
- Sound Level Values are measured at Anechoic chamber. Therefore, these values can be increased owing to ambient conditions during opration.

INDOOR UNIT

KEY FEATURES

SPECIFICATION



KEY FEATURES

CEILING MOUNTED CASSETTE (1 Way)

Premium Design

Due to stylish design, 1 Way Cassette is suitable with various spaces in residential environment. The tasteful aesthetics of the air conditioner helped earn it the reddot Design Award.

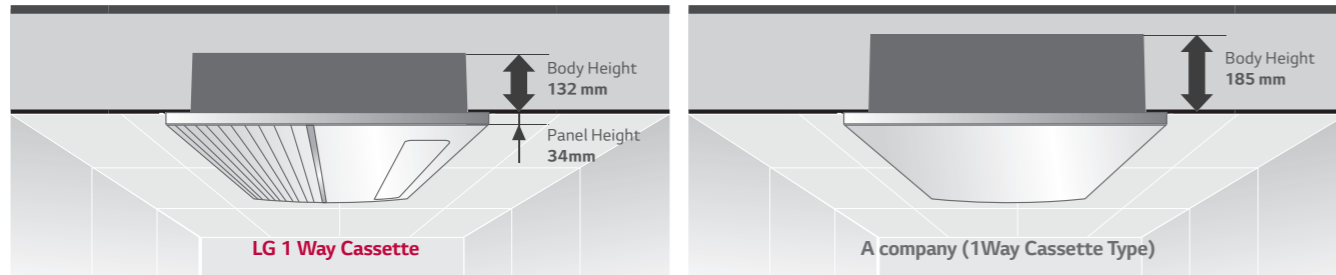


reddot award 2016 winner



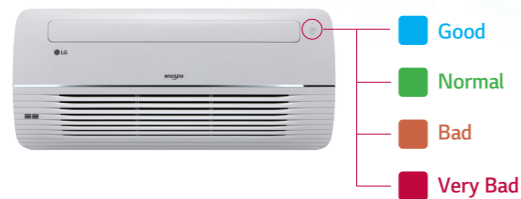
Slim & Compact Size

Slim & compact design not only saves space but also reduces installation costs. It's designed to suit most of building designs and fit into various spaces.



5-Step Air Cleaning & Air Quality Monitoring

The cleaning filter does not need to be replaced and can be used semi-permanently.



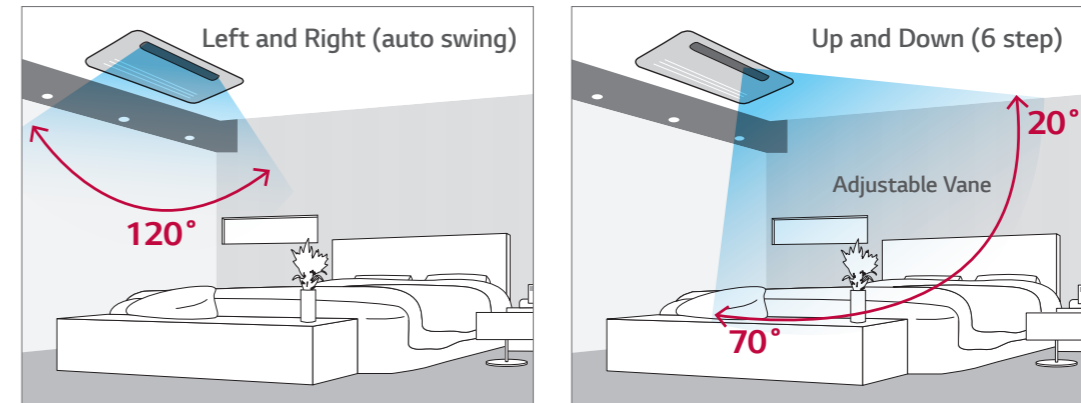
- 1. Pre filter**
Cleaning every 2 weeks / washing with water
- 2. Dust electro charging (Anion generation)**
No need of replacement
- 3. Ultra fine dust filter**
Cleaning every 6 months / washing with water
- 4. Photocatalyst Deodorizing Filter**
Cleaning every 6 months / dry
- 5. Sterilization Ionizer**
No need of replacement

※ The above functions may be changed for product improvement and technical reasons.

6-Step Vane Control

There are 6 different steps to control air flow direction. Also 1 way cassette has vane to move auto swing between left and right as 120 degree.

• Moving Air Flow_1 Way cassette



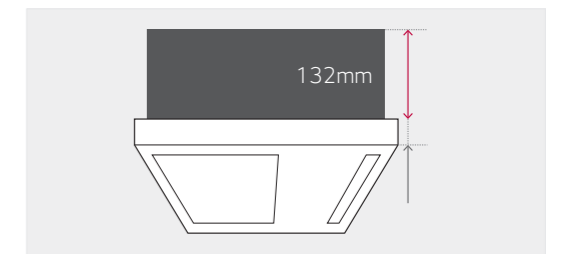
Minimized Height

LG 1 Way cassette's height is 132mm and this is lowest level in the industry. This makes installation interference with other facilities inside the ceiling at minimum level.

• Size Comparison

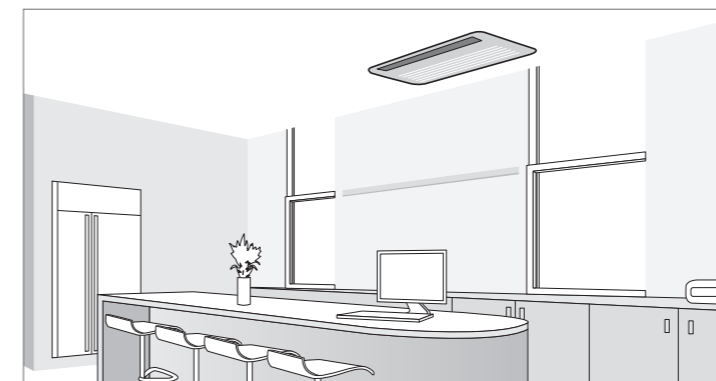
(Unit : mm)

1 way cassette	LG	A company	B company
	132	215	230



Flexible Installation

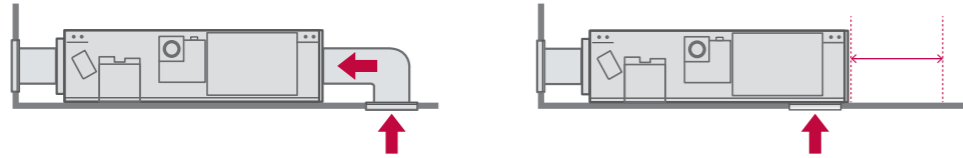
The access for inspecting 1 way Cassette is possible through the front panel so it does not require additional inspection door making more simple environment.



CEILING CONCEALED DUCT

E.S.P. (External Static Pressure) Control

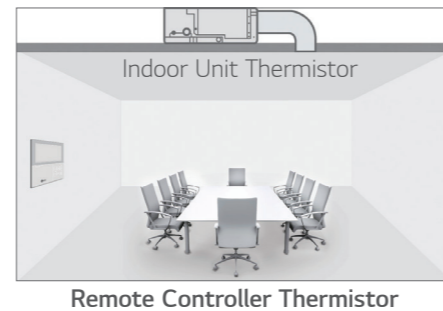
E.S.P. control function can make air volume controlled easily with remote controller. The BLDC motor can control fan speed and air volume regardless of the external static pressure. No additional accessories are necessary to control air flow.



Two Thermistors Control

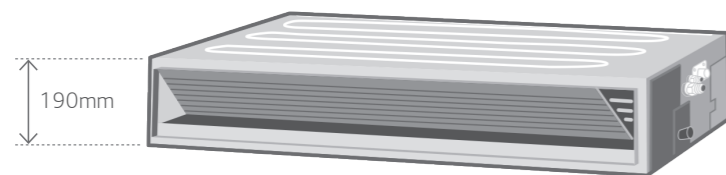
The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit. There may be a significant difference between ceiling and floor air temperature. Two thermistors can optimise indoor air temperature for a more comfortable environment.

Compares temperatures sensed from different positions, and automatically selects the optimum temperature for users.



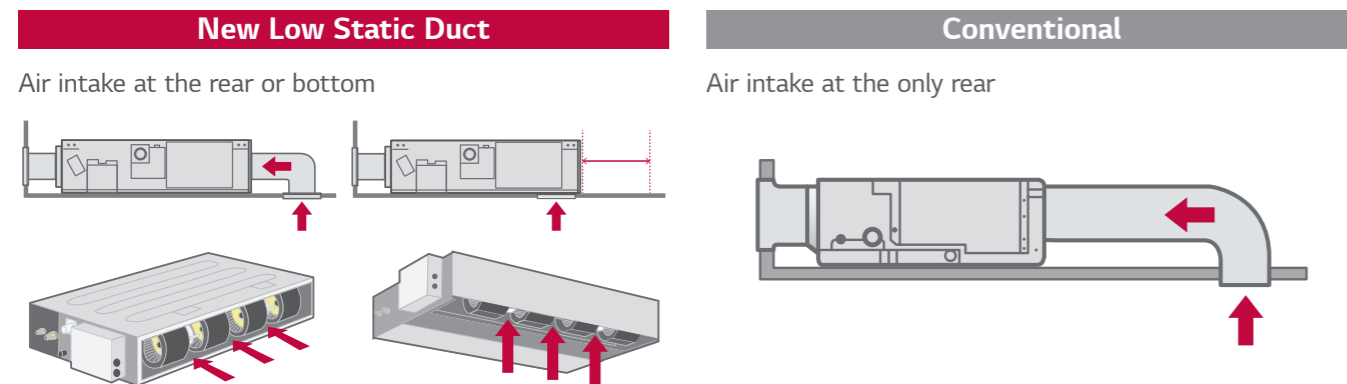
Minimized Height

New Low-static ducts provide ideal solution for installation in limited space.



Flexible Installation

The new low static duct allows the air intake at the rear or bottom under installation condition.



CONTROL & NETWORK FUNCTION

Wi-Fi Control

Control your air conditioners by using Android or iOS based smartphones. This advanced technology provides you many benefits.

• LG Smart ThinQ



Download the 'LG SmartThinQ' app from the Google Downloads or the Appstore.



LG Smart ThinQ

* Other products are optional feature.

• How it Works

Embedded Wi-Fi modem

Enable "LG Smart ThinQ" on your air conditioner.

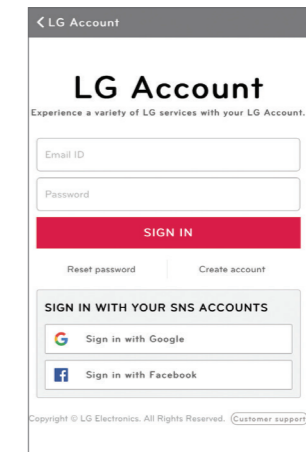


By using the embedded Wi-Fi modem, get ready for innovation without boundaries.



Easy Registration and Log-in

Follow the interactive set-up LG Account steps that will activate smart ThinQ's impressive features.



Wi-Fi Connectivity

Each individual member of your family can customise the air conditioner temperature and fan speed accordingly and then save the settings in their app to run it later. These settings can be saved for each air conditioner too.

Multiple Devices



* Can be controlled by multiple users, but not simultaneously

Multi-Control

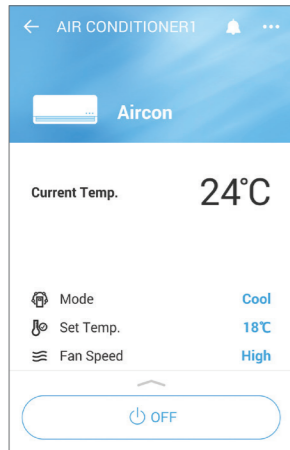


CONTROL & NETWORK FUNCTION

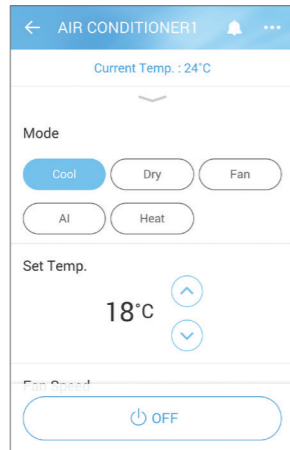
• **Benefit**

Simple operation for various functions

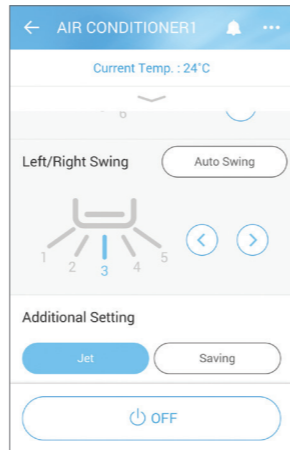
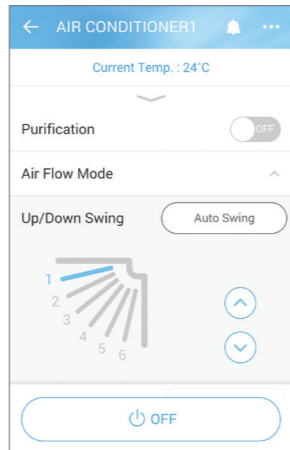
On/Off, Current Temp



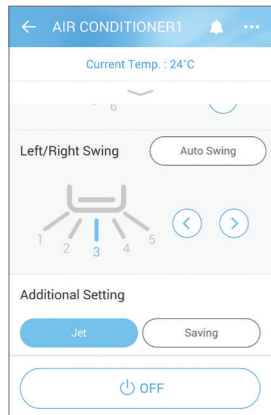
Mode, Set Temp



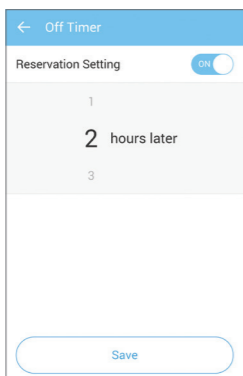
Vane Control



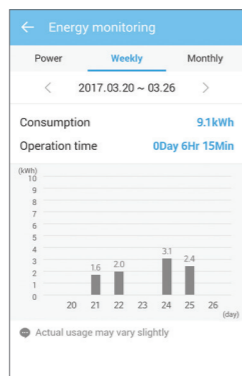
Straight forward Management



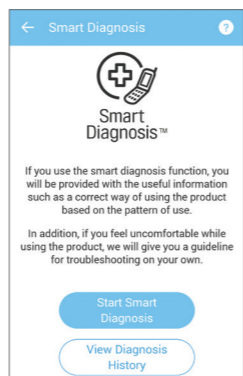
Reservation



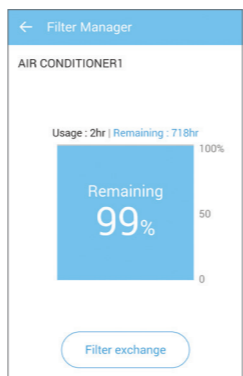
Energy Monitoring



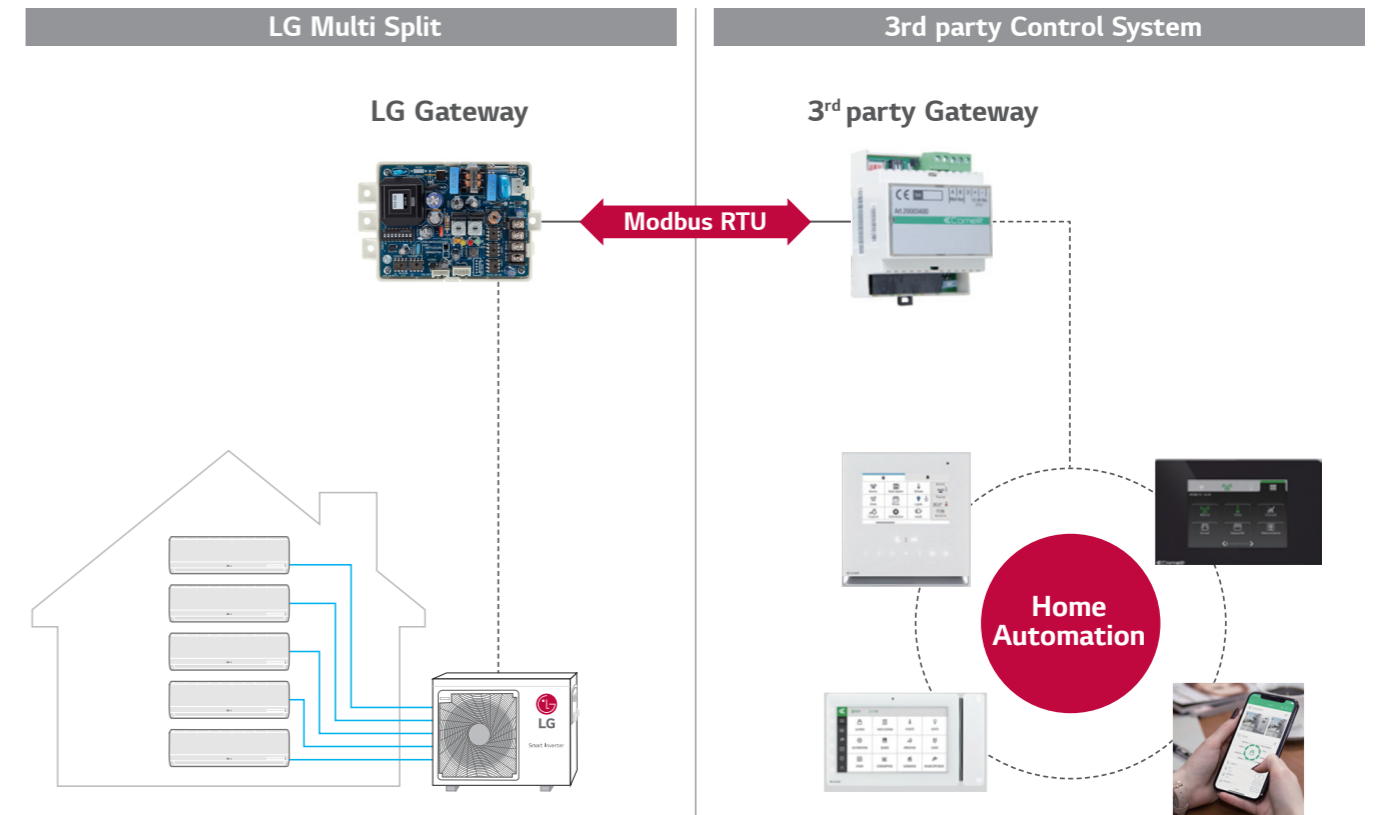
Smart Diagnosis



Filter Management



Easy & Convenient Home Automation



e.g. Comelit home automation

Only connected to outdoor unit

up to 9 indoor units from single 3rd party controller.
Refer to the manual for connection between PMBUS00A and Air-conditioner.

A/C Control Points	Control	Monitor
Run/Stop	●	●
Room Temperature	X	●
Set Temperature	●	●
Set Fan Speed	●	●
Operation Mode	●	●
Error Alarm	X	●

X : Not available, ● : Available

Type	Wi-Fi module
1 Way Cassette	Optional
4 Way Cassette	Optional
Wall Mounted	Embedded
Ceiling Conceal Duct	Optional

CONTROL & NETWORK FUNCTION

Dry Contact

• With Home Network System

Interlocking with home network system enables various application. Depending on building size and usage, various communication method can be given.

Compatibility to Home Network System

- Basic control (On / Off, Mode, Setting Temp, Fan speed)
- Lock function, Error code



* PI485 is embedded

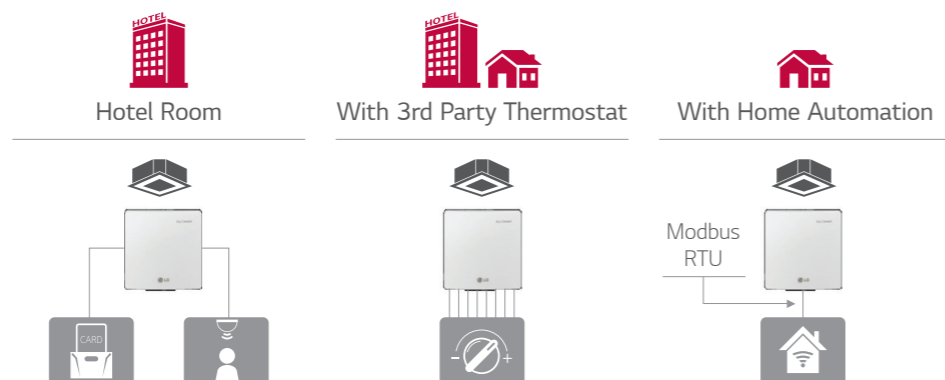
• System Flexibility

It can be linked with 3rd party BMS via Gateway and provide flexible control system for each site via Dry Contact.

Interlock with 3rd party BMS



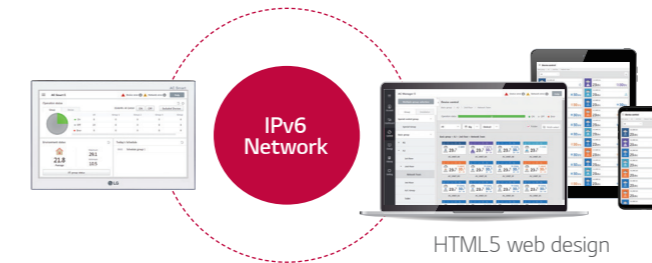
Dry Contact optimized for variable scenario



Network solution

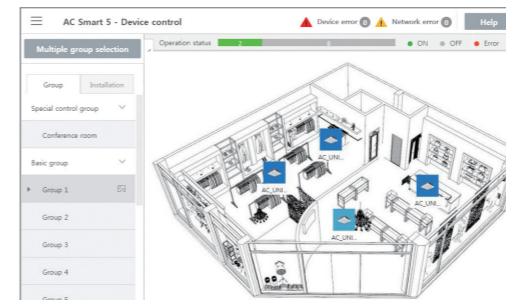
Advanced Network Accessibility

AC Smart 5 reflects the state of the art of network technology trend. IPv6(Internet Protocol version 6), which is the most recent version of the Internet Protocol, provides accessibility to the IPv6 compatible network environment. HTML5 makes the web access to AC Smart 5 easier and look good on all devices, especially for mobile.



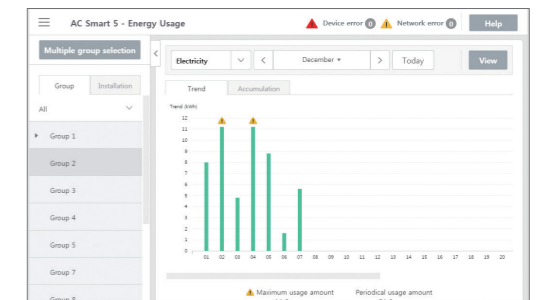
Visualized Control

Visual navigation enables controlling and monitoring the unit on floor plan view for the intuitive management.



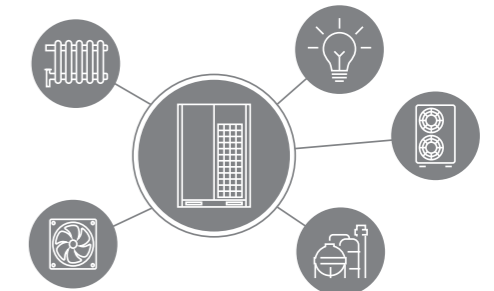
Energy Management

Energy navigation function allows air conditioners operation to be managed under the monthly plan of energy usage. By analyzing present energy consumption and comparing with the plan, overuse of system operational costs can be prevented.



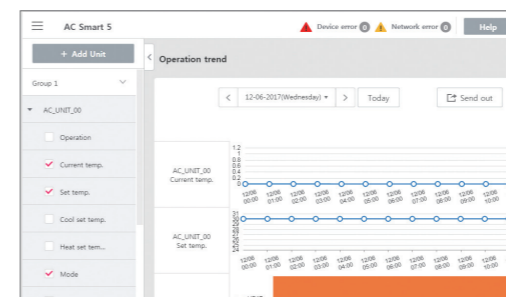
Device Interlock

Building Facility can be interlocked with LG HVAC system on the automated control logic.



Operation Trend

Unit's operation status change in the past can be traced to help establishing reasonable operation plan of the site.



SPECIFICATION

1 Way CASSETTE HEAT PUMP



AMNW09GTUA0 / AMNW12GTUA0 / AMNW18GTUA0

MODEL NAME				AMNW09GTUA0	AMNW12GTUA0	AMNW18GTUA0
Power Supply	V, Ø, Hz			220-240, 1, 50	220-240, 1, 50	220-240, 1, 50
Power Input	W			220, 1, 60	220, 1, 60	220, 1, 60
Running Current	A			0.20	0.20	0.31
Casing Color	-			-	-	-
Dimensions	Body	W x H x D	mm	860 x 132 x 450	860 x 132 x 450	1,180 x 132 x 450
	Body		kg (lbs)	11.7 (25.8)	11.7 (25.8)	14.5 (32.0)
Weight	Shipping		kg (lbs)	14.4 (31.7)	14.4 (31.7)	17.5 (38.6)
	(Row x Column x Fins per inch) x No.		-	(2 x 12 x 18) x 1	(2 x 12 x 18) x 1	(2 x 12 x 18) x 1
Heat Exchanger	Face Area		m ² (ft ²)	0.18 (1.90)	0.18 (1.90)	0.24 (2.58)
	Type		-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
Fan	Air Flow Rate	H / M / L	m ³ /min	7.5 / 7.3 / 6.8	8.1 / 7.4 / 7.0	13.3 / 11.8 / 10.8
		H / M / L	ft ³ /min	265 / 258 / 240	286 / 261 / 247	470 / 417 / 381
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output		W x No.	20 x 1	20 x 1	30 x 1
Sound Pressure Level	H / M / L		dB(A)	36 / 34 / 32	37 / 36 / 33	45 / 42 / 39
Sound Power Level	Max.		dB(A)	54	57	59
Piping Connections	Liquid		mm(inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)*
	Gas		mm(inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 12.7 (1/2)*
	Drain (O.D. / I.D.)		mm	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0
Safety Devices			-	Fuse	Fuse	Fuse
			-	Thermal Protector for Fan Motor	Thermal Protector for Fan Motor	Thermal Protector for Fan Motor
Power and Communication Cable (included Earth)	No. x mm ²			4C x 0.75	4C x 0.75	4C x 0.75
Decoration Panel 1	Model Name		-	PT-UUC1	PT-UUC1	PT-UTC
	Exterior	Color	-	Morning Fog	Morning Fog	Morning Fog
		RAL (Classic)	-	RAL 9001	RAL 9001	RAL 9001
		W x H x D	mm	1,100 x 34 x 500	1,100 x 34 x 500	1,420 x 34 x 500
		Dimensions	W x H x D	inch	43-5/16 x 1-11/32 x 19-11/16	43-5/16 x 1-11/32 x 19-11/16
Decoration Panel 2	Model Name		-	PT-UAHGO	PT-UAHGO	PT-TAHGO
	Exterior	Color	-	White	White	White
		RAL (Classic)	-	RAL 9003	RAL 9003	RAL 9003
		W x H x D	mm	1,160 x 34 x 500	1,160 x 34 x 500	1,480 x 34 x 500
		Dimensions	W x H x D	inch	45-21/32 x 1-11/32 x 19-11/16	45-21/32 x 1-11/32 x 19-11/16
Decoration Panel 3	Model Name		-	PT-UPHGO	PT-UPHGO	PT-TPHGO
	Exterior	Color	-	White	White	White
		RAL (Classic)	-	RAL 9003	RAL 9003	RAL 9003
		W x H x D	mm	1,160 x 34 x 500	1,160 x 34 x 500	1,480 x 34 x 500
		Dimensions	W x H x D	inch	45-21/32 x 1-11/32 x 19-11/16	45-21/32 x 1-11/32 x 19-11/16
Net weight		kg (lbs)	4.1 (9.0)	4.1 (9.0)	4.9 (10.8)	

• 1 Way Cassette Panel



PT-UUC, PT-UTC (Grille)
PT-UUD, PT-UTD (Panel)



PT-UAHGO, PT-TAHGO



PT-UPHGO, PT-TPHGO (Air Purify)

Note :

1. Wiring cable size must comply with the applicable local and national code.
2. Due to our policy of innovation some specifications may be changed without notification.
3. Sound Level Values are measured at Anechoic chamber. Therefore, these values can be increased owing to ambient conditions during operation.

SPECIFICATION

4 Way CASSETTE HEAT PUMP



AMNW09GTRA1 / AMNW12GTRA1 / AMNW18GTQA1 / AMNW24GTPA1

MODEL NAME				AMNW09GTRA1	AMNW12GTRA1	AMNW18GTQA1	AMNW24GTPA1	
Power Supply	V, Ø, Hz			220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	
Power Input	Min./Nom./Max.	W x No.		10 / 20 / 20	10 / 20 / 20	10 / 30 / 40	20 / 50 / 60	
Running Current		A		0.4	0.4	0.4	0.6	
Casing Color				-	-	-	-	
Dimensions	Body	W x H x D	mm	570 x 214 x 570	570 x 214 x 570	570 x 256 x 570	840 x 204 x 840	
		W x H x D	inch	22-7/16 x 8-7/16 x 22-7/16	22-7/16 x 8-7/16 x 22-7/16	22-7/16 x 10-3/32 x 22-7/16	33-1/16 x 8-1/32 x 33-1/16	
Net Weight	Body		kg (lbs)	13.0 (28.7)	13.0 (28.7)	14.3 (31.5)	20.5 (45.2)	
Heat Exchanger	(Row x Column x Fins per inch) x No.		-	(2 x 8 x 18) x 1	(2 x 8 x 18) x 1	(2 x 10 x 18) x 1	(2 x 8 x 19) x 1	
	Face Area		m ² (ft ²)	0.22 (2.40)	0.22 (2.40)	0.28 (3.00)	0.35 (3.77)	
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	
	Air Flow Rate	H / M / L	m ³ /min	8.5 / 7.0 / 6.0	9.5 / 8.0 / 7.0	13.0 / 12.0 / 11.0	17.0 / 15.0 / 13.0	
		H / M / L	ft ³ /min	300 / 265 / 230	336 / 283 / 230	459 / 424 / 353	600 / 530 / 459	
Fan Motor	Type		-	BLDC	BLDC	BLDC	BLDC	
	Output		W x No.	43 x 1	43 x 1	43 x 1	60 x 1	
Sound Pressure Level	H / M / L		dB(A)	36 / 33 / 30	38 / 35 / 32	41 / 39 / 36	38 / 36 / 34	
Sound Power Level	Cooling		dB(A)	48	51	55	57	
Piping Connections	Liquid		mm(inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)*	Ø 6.35 (1/4)*	
	Gas		mm(inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 12.7 (1/2)*	Ø 12.7 (1/2)*	
	Drain (O.D. / I.D.)		mm	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0	
Safety Devices			-	Fuse	Fuse	Fuse	Fuse	
			-	Thermal Protector for Fan Motor	Thermal Protector for Fan Motor	Thermal Protector for Fan Motor	Thermal Protector for Fan Motor	
Power and Communication Cable (included Earth)	No. x mm ² (AWG)			4C x 0.75 (18)	4C x 0.75 (18)	4C x 0.75 (18)	4C x 0.75 (18)	
Decoration Panel	Model Name		-	PT-UQC	PT-UQC	PT-UQC	PT-UMC(1)	
	Casing Color		-	Morning Fog	Morning Fog	Morning Fog	Morning Fog	
		W x H x D	mm	700 x 22 x 700	700 x 22 x 700	700 x 22 x 700	950 x 25 x 950	
		Dimensions	W x H x D	inch	27-9/16 x 7/8 x 27-9/16	27-9/16 x 7/8 x 27-9/16	27-9/16 x 7/8 x 27-9/16	37-13/32 x 31/32 x 37-13/32
	Net weight		kg (lbs)	3.0 (6.6)	3.0 (6.6)	3.0 (6.6)	5.0 (11.0)	

• 4 Way Cassette Panel



PT-QCHWO, PT-MCHWO



PT-MCGWO,
PT-MPGWO (Air Purify)



PT-UQC, PT-UMC



PT-UMC1

Note :

1. Wiring cable size must comply with the applicable local and national code.
2. Due to our policy of innovation some specifications may be changed without notification.
3. Sound Level Values are measured at Anechoic chamber. Therefore, these values can be increased owing to ambient conditions during operation.

SPECIFICATION

CEILING CONCEALED DUCT HEAT PUMP

LOW STATIC

AMNW09GL1A2 / AMNW12GL2A2 /
AMNW18GL2A2 / AMNW24GL3A2



MODEL NAME			AMNW09GL1A2	AMNW12GL2A2	AMNW18GL2A2	AMNW24GL3A2	
Power Supply	V, Ø, Hz		220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	
			220, 1, 60	220, 1, 60	220, 1, 60	220, 1, 60	
Casing			-	-	-	-	
Dimensions	W x H x D	mm	700 x 190 x 700	900 x 190 x 700	900 x 190 x 700	1,100 x 190 x 700	
Net Weight		kg	15.9	20.6	20.6	24.2	
Shipping Weight		kg	20.5	25.8	25.8	29.9	
Heat Exchanger	Rows x Columns x FPI		2 x 11 x 14	2 x 11 x 18	2 x 11 x 18	3 x 11 x 18	
	Face Area	m ²	0.12	0.17	0.17	0.21	
Fan Type			Sirocco	Sirocco	Sirocco	Sirocco	
Air Flow Rate	H / M / L	m ³ /min	9.0 / 7.0 / 5.5	10.0 / 8.5 / 7.0	15.0 / 12.5 / 10.0	20.0 / 16.0 / 12.0	
	H / M / L	ft ³ /min	318 / 247 / 194	353 / 300 / 247	530 / 441 / 353	706 / 565 / 424	
External static pressure	High Mode_Factory Set	Pa (mmAq)	24.5 (2.5)	24.5 (2.5)	24.5 (2.5)	24.5 (2.5)	
Fan Motor	Type		BLDC	BLDC	BLDC	BLDC	
	Drive		Internal	Internal	Internal	Internal	
	Output	W x No.	19 x 1	19 x 1 + 5 x 1	19 x 1 + 5 x 1	19 x 2	
	Power Input	H / M / L	W	34 / 26 / 20	40 / 32 / 26	130 / 120 / 105	150 / 130 / 110
	FLA (Full Load Ampere)	A	0.8	0.8	0.8	1.0	
Dehumidification Rate			l/h	1.11	1.11	1.58	2.65
Safety Devices			Fuse / Thermal Protector for Fan Motor				
Piping Connections	Liquid Side	mm(inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)*	Ø 6.35 (1/4)*	
	Gas Side	mm(inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 12.7 (1/2)*	Ø 12.7 (1/2)*	
	Drain Pipe	O.D. / I.D.	mm	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0
Sound Pressure Level	Cooling	H / M / L	dB(A)	30 / 26 / 23	31 / 28 / 27	36 / 34 / 31	39 / 35 / 32
Power and Communication Cable (included Earth)			No. x mm ²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75

Note :
 1. Wiring cable size must comply with the applicable local and national code.
 2. Due to our policy of innovation some specifications may be changed without notification.
 3. Sound Level Values are measured at Anechoic chamber. Therefore, these values can be increased owing to ambient conditions during operation.
 * : For combined with Multi system, socket provided with indoor units should be connected.

MULTI SPLIT

REFERENCE SITE

PROMOTION DU SPIL : TOURS JUMELLES



Location	Style	Product type	Total Capacity
Oran, Algeria	Residential	Multi Split	1,900 HP

PROMOTION IMMOCASTLE : LA NOUVELLE VALLÉE



Location	Style	Product type	Total Capacity
Alger, Algeria	Residential	Multi Split	1,200 HP

※ Pictures are copied from the internet

PROMOTION ALCO : SPLANDIA



Location	Style	Product type	Total Capacity
Alger, Algeria	Residential	Multi Split	1,100 HP

PROMOTION RAMDANI : BELLE VUE



Location	Style	Product type	Total Capacity
Skikda, Algeria	Residential	Multi Split / Multi V	1,250 HP

MULTI SPLIT

REFERENCE SITE

New City Thu Thiem



Location	Style	Product type	Total Capacity
Ho Chi Minh City Thu Thiem, District 2	Residential	Multi Split	5,900 HP

Bach Dang Apartment



Location	Style	Product type	Total Capacity
Da Nang city	Apartment	Multi Split	450 HP

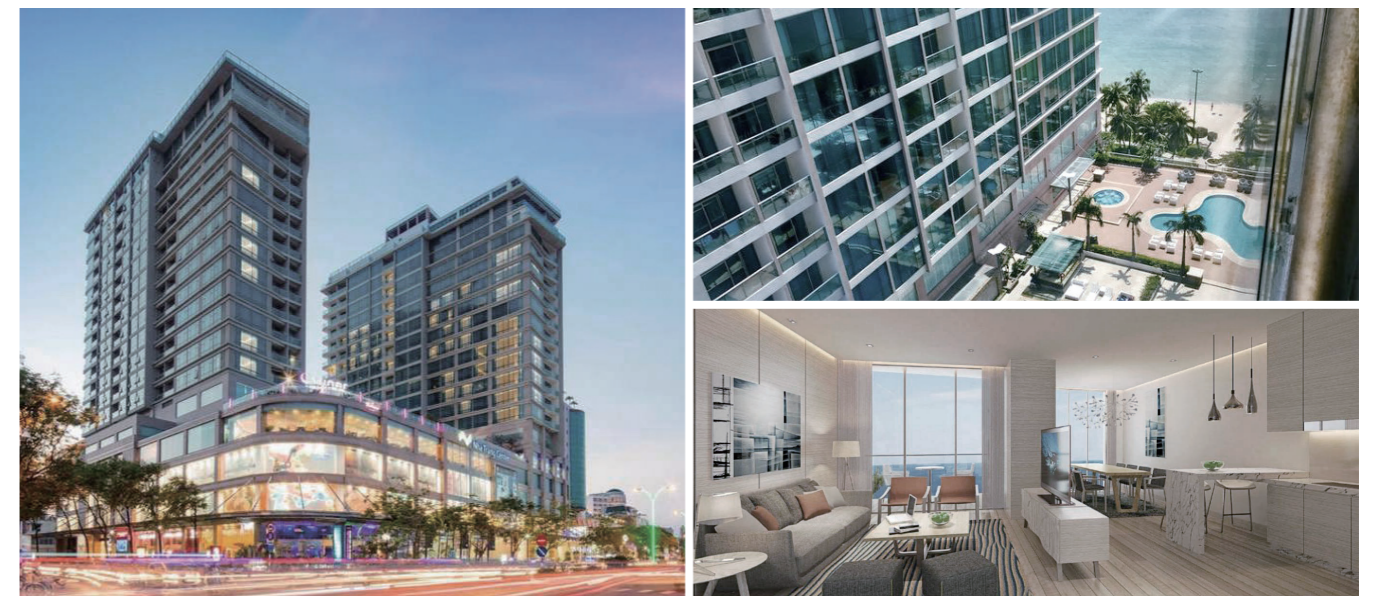
※ Pictures are copied from the internet

Kim Sa Resort



Location	Style	Product type	Total Capacity
Vung Tau	Resort	Multi Split	160 HP

Nha Trang Center



Location	Style	Product type	Total Capacity
Nha Trang	Hotel	Multi Split	655 HP