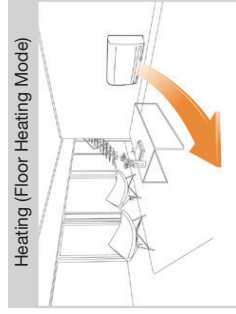
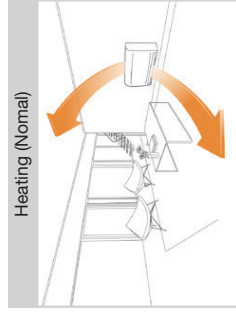
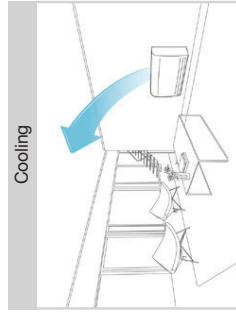




Optimised Air Flow for Cooling & Heating

During the cooling operation, the vane adjusts upwards to direct the air flow towards the ceiling. When heating, the vane directs the warm air downwards to balance the room temperature especially for floor.



Quick Floor Heating

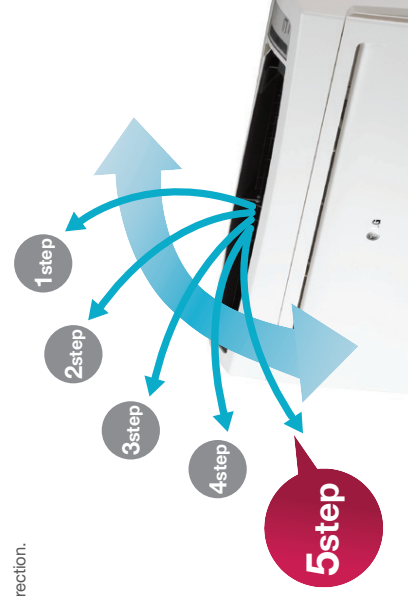
Console air conditioners offer a fast and powerful performance. Using the floor heating mode, console air conditioners provide faster floor heating and help to reach the desired temperature quickly.

	Company A	Electric Heater	LG	LG
27°C Vertical				
Horizontal				
Lead Time for Heating (13°C 21°C)	12 minutes 30 seconds	50 minutes	9 minutes 30 seconds	8 minutes 40 seconds

(Test Condition : Target Temp 23°C, Indoor Room: 13°C- , Outdoor Room: 7°C)

5-Step Vane Control

There are 5 different stages to control air flow direction.



Healthier Air (3 stage air filter system)

1st Advanced pre filter :

The antibacterial pre-filter primarily reduces large dust particles, mould and quilt dust.



2nd Allergy Filter :

Filter consists of enzyme that breaks down allergens, apatite and organic/inorganic binders. When the air passes through the filter, allergens cling to the filter, and the filter deactivates the allergens.



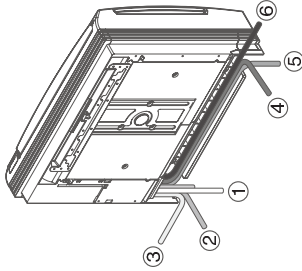
3rd Plasma Ion Generator :

The sterilised ion generator emits around 1.2 million ions, and traps some of the airborne hazardous substances.



Easy Installation and Service

- 6 different ways to install piping



- Easy slide-type PCB



Standard Inverter

Console
CQ09 / CQ12 / CQ18



*UJ09W, UJ12W only temperature control applied.

Indoor			CQ09 NAO			CQ12 NAO			CQ18 NAO		
Capacity	Cooling	Min/Nom/Max	kW	1.3 / 2.6 / 3.4		kW	1.4 / 3.5 / 3.7		kW	1.4 / 3.5 / 3.7	
	Heating	Min/Nom/Max	kW	1.4 / 3.1 / 4.2		kW	1.6 / 4.0 / 4.4		kW	1.6 / 4.0 / 4.4	
Low Temperature Capacity	Heating -7°C	Max	kW	3.4		kW	3.6		kW	3.6	
Power Input (Set)	Cooling	Nom	kW	0.64		kW	0.64		kW	1.06	
	Heating	Nom	kW	0.74		kW	1.08		kW	1.40	
Power Input (Indoor)	Cooling	Min/Max	W	10 / 20		W	10 / 30		W	20 / 40	
Running Current	Cooling/Heating	Nom	A	3.42 / 3.87		A	5.02 / 5.03		A	6.5 / 6.1	
Power Supply			φV/Hz	1 / 220-240 / 50			1 / 220-240 / 50			1 / 220-240 / 50	
EER				3.98			3.30			3.09	
COP				4.19			3.70			3.43	
SEER				5.11			5.31			4.71	
SCOP				3.81			3.81			3.51	
Pdesign (@-10°C)	Cooling/Heating		kW	2.8		kW	3.0		kW	3.8	
Seasonal Energy Label	Cooling/Heating			A / A			A / A			B / A	
Annual Energy Consumption	Cooling/Heating		kWh	172 / 1,032		kWh	231 / 1,105		kWh	343 / 1,520	
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)		mm(inch)	ø 6.35 (1/4)		mm(inch)	ø 6.35 (1/4)	
	Gas		mm(inch)	ø 9.52 (3/8)		mm(inch)	ø 9.52 (3/8)		mm(inch)	ø 12.7 (1/2)	
Air Flow Rate	O.D./I.D.		mm	21.5 / 16.0		mm	21.5 / 16.0		mm	21.5 / 16.0	
Sound Pressure	High/Medium/Low	m³/min		8.5 / 6.9 / 5.0		m³/min	9.0 / 6.9 / 5.2		m³/min	10.1 / 8.6 / 7.2	
Sound Power	High/Medium/Low	dBA		38 / 32 / 27		dBA	39 / 32 / 27		dBA	44 / 39 / 35	
Dehumidification Rate	Max	dBA		53		dBA	56		dBA	60	
Dimensions		l/h		1.2		l/h	1.4		l/h	2.3	
Net Weight	Body	WxHxD	mm	700 × 600 × 210		mm	700 × 600 × 210		mm	700 × 600 × 210	
	Body		kg	14.0		kg	14.0		kg	14.0	
Outdoor			UJ09W ULD			UJ12W ULD			UJ18W UE2		
Compressor	Type			Rotary			Rotary			Twin Rotary	
Airflow Rate		m³/min		32			32			50	
Sound Pressure	Cooling	dBA		47			47			48	
	Heating	dBA		48			48			51	
Sound Power	Cooling	dBA		56			57			60	
Dimensions	WxHxD	mm		770 x 540 x 245		mm	770 x 540 x 245		mm	870 x 655 x 320	
Net Weight		kg		32.0			32.0			46.0	
Refrigerant	Type			R410A			R410A			R410A	
	Charge	g		1,000			1,000			1,400	
Operation Range (Outdoor)	Additional Charge (after 7.5m)	g/m		20			20			20	
	Cooling	°C DB		-10 ~ -43			-10 ~ -43			-15 ~ -48	
	Heating	°C WB		-18 ~ -18			-18 ~ -18			-18 ~ -18	
	Heating	°V/Hz		1 / 220-240 / 50			1 / 220-240 / 50			1 / 220-240 / 50	
Power Supply	No. x mm²			3C x 2.5			3C x 2.5			3C x 2.5	
Transmission Cable	No. x mm²			4C x 0.75			4C x 0.75			4C x 0.75	
Circuit Breaker	A			15			15			20	
Piping Length Total	Min-Max	m		5 ~ 15			5 ~ 15			5 ~ 40	
Piping Elevation Difference	IDU-ODU	m		10			10			30	
Piping Connection	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)	

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : Indoor Temperature 27°C DB / 19°C WB
Heating : Indoor Temperature 20°C DB / 15°C WB
Outdoor Temperature 35°C DB / 24°C WB
3. Annual energy consumption based on average use of 500 running hours per year at nominal condition.