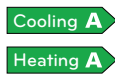


ARTCOOL

CA09AW* CA12AW*

- High Efficiency
- Optimized Cooling and Heating
- Virus & Allergy Safe filter
- Quick & Easy Installation
- Plasma +Triple Filter
- Compatible with Inverter Multi System



(R= Mirror / V= Silver / W= White)

Specifications

Model	INDOOR UNIT OUTDOOR UNIT		CA09AWR NBO S09AQU UBO	CA12AWR NBO S12AQU UBO
Cooling Capacity		kW	0.89-2.50-3.70	0.89-3.50-4.04
Heating Capacity		kW	0.89-3.2-5.00	0.89-4.0-6.00
Low Temp. Heating Capacity(-7°C)		kW	3.20	3.80
Power Input	Cooling/Heating	W	550/700	880/960
EER		W/W	4.55	3.98
COP		W/W	4.6	4.17
Annual energy consumption	Cooling	kWh	275	440
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate	Indoor,Max	m ³ /min	12	12
	Outdoor,Max	m ³ /min	33	33
Sound Pressure Level	Indoor,H/M/L	dB(A)±3	38 / 33 / 23 / 19	39 / 33 / 23 / 19
	Outdoor,Max	dB(A)±3	45	45
Sound Power Level	Indoor,Max	dB(A)	57	57
	Outdoor,Max	dB(A)	65	65
Operation Range	Cooling(Outdoor)	°C	-10~48	-10-48
	Heating(Outdoor)	°C	-10-24	-10-24
Compressor	Type		Rotary	1P Rotary
Fan(Indoor)	Motor Output	W	20	20
Fan(Outdoor)	Motor Output	W	43	43
Running Current	Cooling/Heating	A	2.4 / 3.1	4.0/4.3
Starting Current	Cooling/Heating	A	2.4 / 3.1	4.0/4.3
Max Current	Cooling/Heating	A	10.0	10.0
Circuit Breaker*		A	15	15
Power Supply Cable		No.*mm ²	3*1.0	3*1.0
Power and Transmission Cable No.*mm ²		No.*mm ²	4x1.0 (Including Earth)	4x1.0
Refrigerant & Charge (at 7.5 m)		g	R410A, 1000(35.3)	R410A, 1000
Additional Refrigerant charge		g/m	20	20
Piping Connections	Liquid Side	mm(in)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(in)	9.52(3/8)	9.52(3/8)
Piping Length (Min/Max)		m	2 / 20	2 / 20
Max. Elevation Difference		m	10	10
Drain Hose(O.D / I.D.)		mm	21.5 / 16.0	21.5/16.0
Dimensions	Indoor (WxHxD)	mm	885x285x205	885x285x205
	Outdoor (WxHxD)	mm	770x545x288	770x545x288
Net Weight	Indoor	kg	10	10
	Outdoor	kg	34	34

Note: 1. 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 - Outdoor Temperature 7°C DB / 6°C WB

2. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

INVERTER V

Beyond Efficiency

CA18AW* CA24AW*

- High Efficiency
- Optimized Cooling and Heating
- Virus & Allergy Safe filter
- Quick & Easy Installation
- Plasma +Triple Filter
- Compatible with Inverter Multi System



Specifications

Model	INDOOR UNIT		CA18AWR nco		CA24AWR nco	
	OUTDOOR UNIT		S18AQU uco		S24AQU uco	
Cooling Capacity		kW	0.9 ~ 5.2 ~ 6.0		0.90-7.03-8.65	
Heating Capacity		kW	0.9 ~ 6.3 ~ 9.0		0.90-8.44-11.40	
Low Temp. Heating Capacity(-7°C)		kW	5.50		8.50	
Power Input	Cooling/Heating	W	1,500/1,650		2,190/2,330	
EER		W/W	3.47		3.21	
COP		W/W	3.82		3.62	
Annual energy consumption	Cooling	kWh	750		1095	
Power Supply		Ø / V / Hz	1 / 220-240 / 50		1/220-240/50	
Air Flow Rate	Indoor,Max	m³/min	19.5		22	
	Outdoor,Max	m³/min	60		60	
Sound Pressure Level	Indoor,H/M/L	dB(A)±3	42/40/35/29		45/40/35/29	
	Outdoor,Max	dB(A)±3	51		53	
Sound Power Level	Indoor,Max	dB(A)	63		65	
	Outdoor,Max	dB(A)	70		70	
Operation Range	Cooling(Outdoor)	°C	-10~-48		-10~-48	
	Heating(Outdoor)	°C	-10~-24		-10~-24	
Compressor	Type		Twin Rotary		Twin Rotary	
Fan(Indoor)	Motor Output	W	20		20	
Fan(Outdoor)	Motor Output	W	85		124	
Running Current	Cooling/Heating	A	6.6/7.3		9.8/10.4	
Starting Current	Cooling/Heating	A	6.6/7.3		9.8/10.4	
Max Current	Cooling/Heating	A	12.5		19.0	
Circuit Breaker*		A	20		25	
Power Supply Cable		No.*mm²	3*1.5		3*2.5	
Power and Transmission Cable No.*mm²		No.*mm²	4x1.0		4x1.0	
Refrigerant & Charge (at 7.5 m)		g	R410A, 1,350		R410A, 1,800	
Additional Refrigerant charge		g/m	20		35	
Piping Connections	Liquid Side	mm(in)	6.35(1/4)		9.52(3/8)	
	Gas Side	mm(in)	12.7(1/2)		15.88(5/8)	
Piping Length (Min/Max)		m	- /20		- /30	
Max. Elevation Difference		m	10		15	
Drain Hose(O.D. / I.D.)		mm	21.5/16.0		21.5/16.0	
Dimensions	Indoor (WxHxD)	mm	1030x325x245		1030x325x245	
	Outdoor (WxHxD)	mm	870x655x320		870x800x320	
Net Weight	Indoor	kg	15.5		15.5	
	Outdoor	kg	51		60	

Note: 1. 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 - Outdoor Temperature 7°C DB / 6°C WB

2. Annual energy consumption: based on average use of 500 running hours per year at nominal condition

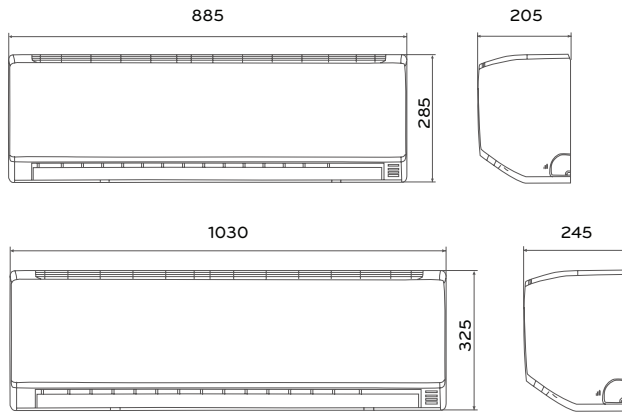
INVERTER V
Beyond Efficiency

ARTCOOL Inverter



INDOOR UNIT

CA09AW* NBO CA12AW* NBO
CA18AW* NCO CA24AW* NCO



OUTDOOR UNIT

S09AQU UBO
S12AQU UBO

S18AQU UCO



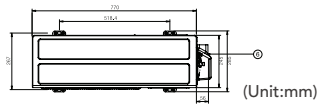
2.5~3.5kW



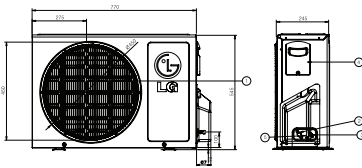
5.3kW



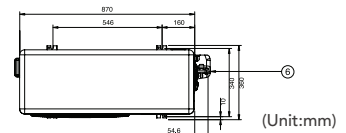
7.0~8.0kW



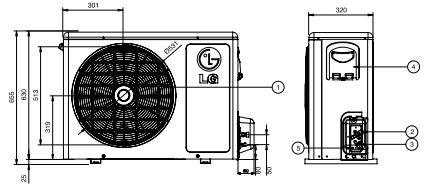
(Unit:mm)



No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover

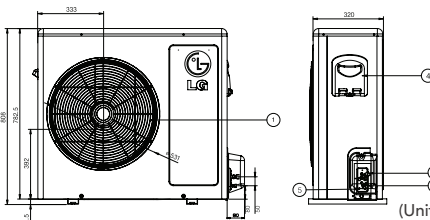
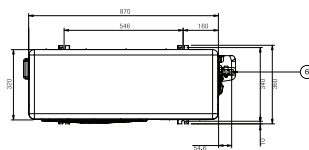


(Unit:mm)



No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover

S24AQU UCO



(Unit:mm)

No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover