

ARTCOOL
Gallery

INVERTER V
Beyond Efficiency

LG
Life's Good

A09AW1
A12AW1

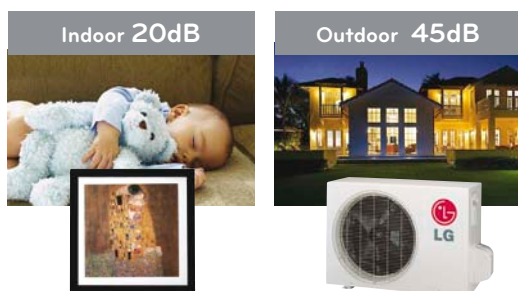


Pictures are easily changeable at anytime with your own pictures/photos.

Features and Benefits

Low noise level

With a volume of just 20dB in sleep mode, the ARTCOOL range is remarkably quiet. You can control the climate of your bedroom for a cool and perfectly peaceful night's sleep, just the way it should be.



Personalise your aircon

With our ground-breaking design, you can change the look of your air conditioning effortlessly. Simply print your favourite photo and pop it in the frame at the front of the unit. When you fancy a change, you know what to do...



3-Dimensional air flow

Designed like a work of art, ARTCOOL lives up to its design with the 3 dimensional air flow. It cools evenly as well as offering fast cooling from the front and both sides.



Award winning

See a different side to air conditioning with LG ARTCOOL – one of the most discreet and stylish range on the market. It's packed with all of the clever features you would expect. These award-winning units are perfect for those with an eye for style.

- NEO Plasma
- Anti corrosion Gold Fin™
- Changeable picture / photo
- 3-dimensional airflow
- EZ Remote control



A09AW1
A12AW1

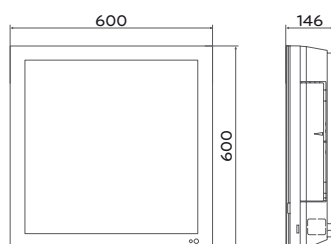


2.6~3.5kW

Specifications

Model	Indoor Unit	Outdoor Unit	A09AW1 NF2 A09AWU UF2	A12AW1 NF2 A12AWU UF2
Cooling Capacity	(Min/Rating/Max)	W	1,300 / 2,700 / 3,500	1,300 / 3,500 / 4,000
Heating Capacity	(Min/Rating/Max)	W	1,300 / 3,500 / 4,200	1,300 / 4,200 / 5,000
Input	Cooling	W	830	1,090
	Heating	W	960	1,160
Running Current	Cooling/Heating	A	3.8/4.4	4.9/5.2
Starting Current	Cooling/Heating	A	< 4.5/5.2	< 5.7/6.9
Power Supply		øV, Hz	1,220-240,50	1,220-240,50
E.E.R	Cooling	W/W	3.25	3.21
C.O.P	Heating	W/W	3.65	3.62
ENERGY Efficiency Class	Cooling/Heating		A/A	A/A
Noise Level	Indoor(H/M/L/Sleep)	dB(A)±3	35/29/25/22	39/32/25/23
(SoundPress,1m)	Outdoor, Max	dB(A)±3	48	48
Air Flow	Indoor, Max	m3/min	8	9.5
	Outdoor, Max	m3/min	26	34
Dehumidification Rate		l/h	1.2	1.5
Refrigerant charge(R410A)		g	1,000	1,000
SVC Valve	Liquid	mm(inch)	6.35(1/4)	6.35(1/4)
	Gas	mm(inch)	9.52(3/8)	9.52(3/8)
Dimensions	Indoor	mm	600x600x146	600x600x146
(W*H*D)	Outdoor	mm	770x545x245	770x545x245
Net Weight	Indoor	kg	15	15
	Outdoor	kg	32	32
Power to...			Indoor	Indoor
Interconnecting Cable			3-Core + Earth	3-Core + Earth
Max. Piping Length / Height		m	15 / 7	15 / 7
Additional Refridgerant Charge		g/m	20 (>7.5m)	20 (>7.5m)
Suggested Circuit Breaker	Type C	A	10	10

Note: Specifications, design and feature are subject to change without prior notice.



ARTCOOL

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Life's Good

CA09AW*
CA12AW*



Mirror



Silver



White

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

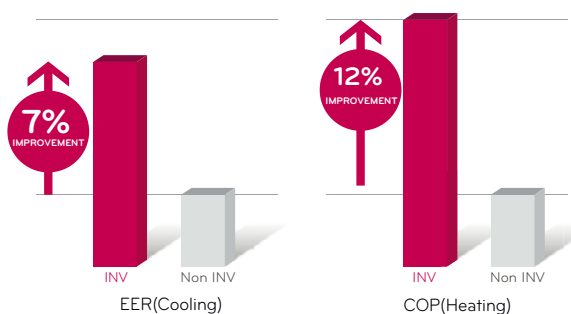


Features and Benefits

Energy saving

Achieve a 7% EER and 12% COP improvement ** with LG's DC Inverter technology. Inverter heat pump products offer higher energy savings than constant-speed, non-inverter units.

** Comparison : Inverter model vs Non Inverter model.



Low noise levels

Inverter technology, BLDC motor technology, and LG's unique new Skew Fan technology allow for exceptionally low noise levels of 19dB.



Installation support clip

Installation support clip makes installation and servicing easier.



Key features

See a different side to air conditioning with LG ARTCOOL – one of the most discreet and stylish ranges on the market. Small, but packed with all of the clever features you would expect. These award-winning units are perfect for those with an eye for style.

- High efficiency
- Optimised cooling and heating
- Virus and allergy filter
- Quick and easy installation
- Plasma and triple filter
- Compatible with the Inverter Multi System

Cooling **A**

Heating **A**



ARTCOOL

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Beyond Efficiency



CA09AW*
CA12AW*



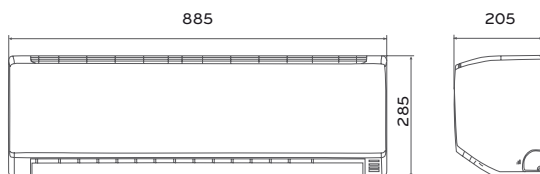
2.6~3.5kW

Specifications

Model	Indoor Unit	Outdoor Unit	CA09AW* NBO E09SQU UBO	CA12AW* NBO E12SQU UBO
Cooling Capacity		kW	0.89~2.50~3.70	0.89~3.50~4.04
Heating Capacity		kW	0.89~3.2~4.10	0.89~4.0~5.10
Low Temp. Heating Capacity(-7°C)		kW	3.00	3.60
Power Input	Cooling/Heating	W	600/770	1010/1050
EER		W/W	4.17	3.47
COP		W/W	4.16	3.81
Annual energy consumption	Cooling	kWh	300	505
Energy Efficiency Class	Cooling/Heating		A/A	A/A
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate	Indoor,Max	m3/min	12	12
	Outdoor,Max	m3/min	27	27
Sound Pressure Level	Indoor,H/M/L/SL	dB(A)±3	38 / 33 / 23 / 19	39 / 33 / 23 / 19
	Outdoor,Max	dB(A)±3	47	47
Sound Power Level	Indoor,Max	dB(A)	57	57
	Outdoor,Max	dB(A)	65	65
Operation Range	Cooling(Outdoor)	°C	-5~48	-5~48
	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	2.66/ 3.44	4.60/ 4.65
Starting Current	Cooling/Heating	A	<2.66/3.44	<4.60/4.65
Max Current	Cooling/Heating	A	10.0	10.0
Suggested Circuit Breaker	Type C	A	10	10
Power Supply to			Outdoor	Outdoor
Interconnecting Cable			3-Core + Earth	3-Core + Earth
Refrigerant Charge	R410A	g	900	900
Additional Refrigerant charge		g/m	20 (>12.5m)	20 (12.5m)
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	3 / 15	3 / 15
Max. Elevation Difference		m	7	7
Drain Hose(O.D. / I.D.)		mm	21.5 /16.0	21.5/16.0
Dimensions	Indoor (WxHxD)	mm	885x285x205	885x285x205
	Outdoor (WxHxD)	mm	717x483x230	717x483x230
Net Weight	Indoor	kg	10	10
	Outdoor	kg	28	28
Accessory Options	Wired Remote		PQRCVSLO, PQRCVSLOQW	PQRCVSLO, PQRCVSLOQW
	Dry Contact		PQDSB, PQDSB1, PQDSBC	PQDSB, PQDSB1, PQDSBC
	P1485 Interface		-	-

Note: 1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB
- Outdoor Temperature 35°C DB /24°C WB
Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 7°C DB / 6°C WB

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



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Life's Good

CA18AW*
CA24AW*



Mirror



Silver



White

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

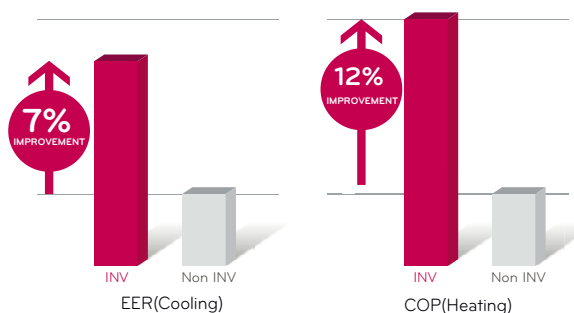


Features and Benefits

Energy saving

Achieve a 7% EER and 12% COP improvement ** with LG's DC Inverter technology. Inverter heat pump products offer higher energy savings than constant-speed, non-inverter units.

** Comparison : Inverter model vs Non Inverter model.



Installation support clip

Installation support clip makes installation and servicing easier.



Key features

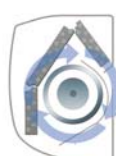
- High efficiency
- Optimised cooling and heating
- Virus and allergy filter
- Quick and easy installation
- Plasma and triple filter
- Compatible with the Inverter Multi System

Auto cleaning

The auto clean function dries the wet heat exchanger to help prevent mold and bacteria from breeding. This reduces odours and the amount of manual cleaning needed.



Step 1
Runs at a very low fan speed to dry the evaporator.



Step 2
Removes the source of mold by use of the Plasma filter.

Auto clean takes about 30 min to complete.

Cooling **A**

Heating **A**



CA18AW*
CA24AW*



5.3kW

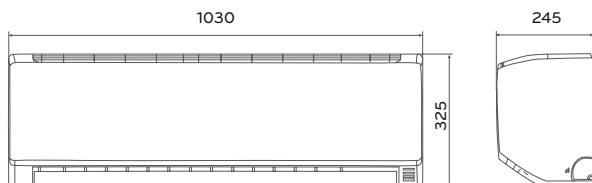
7.0~8.0kW

Specifications

Model	Indoor Unit	Outdoor Unit	CA18AW* NCO S18AQU UCO	CA24AW* NCO 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 consumptionCooling		kWh	750	1095
Energy Efficiency Class	Cooling/Heating		A/A	A/A
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/SL	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	84	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
Suggested Circuit Breaker	Type C	A	16	20
Power Supply to			Outdoor	Outdoor
Interconnecting Cable			3-Core + Earth	3-Core + Earth
Refrigerant Charge	R410A	g	1,350	1,800
Additional Refrigerant charge		g/m	20 (>7.5m)	35 (>7.5m)
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	3/20	3/30
Max. Elevation Difference		m	15	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	46	60
Accessory Options	Wired Remote		PQRCVSLO, PQRCVSLOQW	PQRCVSLO, PQRCVSLOQW
	Dry Contact		PQDSB, PQDSB1, PQDSBC	PQDSB, PQDSB1, PQDSBC
	P1485 Interface		PMNFP14A0	PMNFP14A0

Note: 1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB
- Outdoor Temperature 35°C DB /24°C WB
Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 7°C DB / 6°C WB

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



LIBERO-E

E09SQ
E12SQ
E18SQ
E24SQ

INVERTER V
Mighty Efficiency

LG
Life's Good



E09SQ / E12SQ



E18SQ / E24SQ

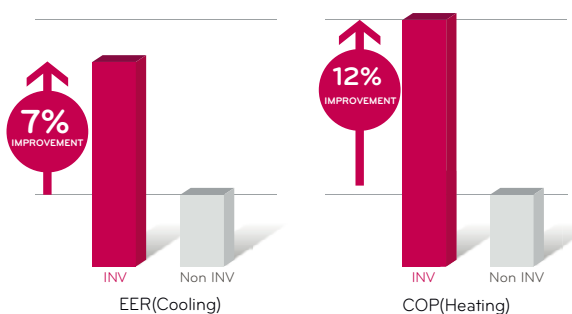


Features and Benefits

Energy saving

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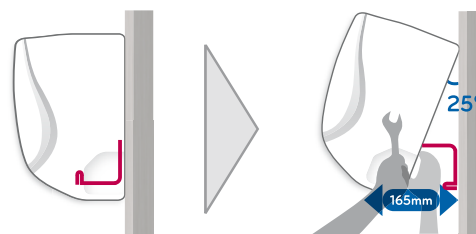
Low noise levels

Inverter technology, BLDC motor technology, and LG's unique new Skew Fan technology allow for exceptionally low noise levels of 19dB.



Installation support clip

Installation support clip makes installation and servicing easier.



Key features

- Optimised cooling and heating
- Virus and allergy filter
- Triple air filter
- Quick and easy installation
- Low noise and easy installation
- Auto cleaning
- Compatible with Inverter Multi System

Cooling **A**

Heating **A**





Specifications

Model	Indoor Unit	Outdoor Unit	E09SQ NBO E09SQU UBO	E12SQ NBO E12SQU UBO	E18SQ NCO S18AQU UCO	E24SQ NCO S24AQU UCO
Cooling Capacity		kW	0.89~2.50~3.70	0.90~3.50~4.04	0.90 ~ 5.20 ~ 6.00	0.90 ~ 7.03 ~ 8.65
Heating Capacity		kW	0.89~3.20~4.10	0.89~4.00~5.10	0.90 ~ 6.30 ~ 9.00	0.90 ~ 8.44 ~ 11.40
Low Temp. Heating Capacity (-7°C)		kW	3.00	3.60	5.50	8.50
Power Input	Cooling/Heating	W	600 / 770	1,010 / 1,050	1,500 / 1,650	2,190 / 2,330
EER		W/W	4.17	3.47	3.47	3.21
COP		W/W	4.16	3.81	3.82	3.62
Annual energy consumption	Cooling	kWh	300	505	750	1095
Energy Efficiency Class	Cooling/Heating		A/A	A/A	A/A	A/A
Power Supply		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate	Indoor,Max	m3/min	12	12	19.5	22
	Outdoor,Max	m3/min	27	27	50	60
Sound Pressure Level	Indoor,H/M/L	dB(A)±3	38 / 33 / 23 / 19	39 / 33 / 23 / 19	42 / 40 / 35 / 29	45 / 40 / 35 / 29
	Outdoor,Max	dB(A)±3	47	47	51	53
Sound Power Level	Indoor,Max	dB(A)	57	57	63	65
	Outdoor,Max	dB(A)	65	65	70	70
Operation Range	Cooling(Outdoor)	°C	-5~48	-5~48	-10~48	-10~48
	Heating(Outdoor)	°C	-10~24	-10~24	-10~24	-10~24
Compressor	Type		Rotary	Rotary	Twin Rotary	Twin Rotary
Fan(Indoor)	Motor Output	W	20	20	30	30
Fan(Outdoor)	Motor Output	W	43	43	84	124
Running Current	Cooling/Heating	A	2.66 / 3.40	4.60 / 4.65	6.6 / 7.3	9.8 / 10.4
Starting Current	Cooling/Heating	A	<2.66 / 3.40	<4.60 / 4.65	<6.6 / 7.3	<9.8 / 10.4
Max Current	Cooling/Heating	A	10.0	10.0	12.5	19.0
Suggested Circuit Breaker	Type C	A	10	10	16	20
Power Supply to			Outdoor	Outdoor	Outdoor	Outdoor
Interconnecting Cable			3-Core + Earth	3-Core + Earth	3-Core + Earth	3-Core + Earth
Refrigerant Charge	R410A	g	900	900	1,350	1,800
Additional Refrigerant charge		g/m	20 (>12.5m)	20 (>12.5m)	20 (>7.5m)	35 (>7.5m)
Piping Connections	Liquid Side	mm(in)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)
	Gas Side	mm(in)	9.52(3/8)	9.52(3/8)	12.70(1/2)	15.88(5/8)
Piping Length (Min/Max)		m	3/15	3 / 15	3 / 20	3 / 30
Max. Elevation Difference		m	7	7	15	15
Drain Hose(O.D. / I.D.)		mm	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0
Dimensions	Indoor (WxHxD)	mm	885x285x210	885x285x210	1,030x325x250	1,030x325x250
	Outdoor (WxHxD)	mm	717x483x230	717x483x230	870x655x320	870x800x320
Net Weight	Indoor	kg	11	11	17	17
	Outdoor	kg	28	28	46	60

Accessory Options	Wired Remote	PQRCVSL0, PQRCVSLQW	PQRCVSL0, PQRCVSLQW	PQRCVSL0, PQRCVSLQW	PQRCVSL0, PQRCVSLQW
	Dry Contact	PQDSB, PQDSB1, PQDSBC	PQDSB, PQDSB1, PQDSBC	PQDSB, PQDSB1, PQDSBC	PQDSB, PQDSB1, PQDSBC
	P1485 Interface	-	-	PMNFP14A0	PMNFP14A0

Note: 1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 27°C DB /19°C WB
- Outdoor Temperature 35°C DB /24°C WB
Heating: - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 7°C DB / 6°C WB

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

