



ART COOL

Split System Series

The ultimate combination of Stylish Design and Smart Technology

ART COOL *Mirror*



ART COOL *Stylish*



ART COOL *Econo*



LG Air Conditioners'
COOL DESIGN SOLUTION

ART COOL *Mirror*



ART COOL *Stylish*



ART COOL *Econo*



Energy Efficiency

What is Inverter Technology?

Inverter technology refers to the compressor within the outdoor unit of the air conditioner. The two most common types of compressors are the fixed speed compressor and the variable speed (inverter) compressor. The fixed speed will run at 100% of its capacity and will stop and start automatically to maintain the desired temperature. An inverter compressor will vary its speed in order to maintain a consistent room temperature.

ECONOMICAL

An inverter's capacity will fluctuate in order to match the air conditioning requirements, so an inverter can be more energy efficient than a fixed speed compressor, as it does not stop and start its motor continually.

POWERFUL

With a wider operational temperature range for heating and cooling, the inverter is able to operate in even extreme outdoor temperatures. An inverter compressor can also operate faster than non-inverter air conditioners thus allowing the air conditioner to reach the set temperature faster and bring you comfort sooner.

COMFORTABLE

When the air conditioner is initially activated to either heat or cool, the compressor will operate at maximum speed to reach the desired temperature quickly. Once the desired temperature is achieved, unlike non-inverter air conditioners that turn the compressor on and off, LG inverter units adjust and constantly vary the compressor speed to maintain the desired temperature with minimal fluctuation in room temperature to ensure that your comfort is not compromised.

Milestone

- Company founded
- Manufactured Korea's first air conditioner
- Introduced Korea's first inverter air conditioner
- Produced rotary compressor
- Changed company name to LG Electronics Produced scroll compressor
- Produced Korea's first commercial air conditioner
- Became world's number one seller of residential air conditioners
- Introduced the world's first picture frame air conditioner
- Launched the LG Home Net Brand of integrated home networking solution
- Achieved world's highest annual sales in air conditioners with 10 million units
- Reached total global sales of 100 million air conditioners
- AC Company created as part of LG Electronics' business reorganization

Quiet Operation

The indoor units have a low noise level of 19dB*/29dB** when in sleep mode. This gives you greater peace of mind when things need to be quiet or you are sleeping.

*19dB : Applicable to models R09AWN-11, R12AWN-11, M09AWN-11, M12AWN-11, E09AWN-11 and E12AWN-11.

**29dB : Applicable to models R18AWN-11, R24AWN-11, R28AWN-11, M18AWN-11, M24AWN-11, M28AWN-11, E18AWN-11, E22AWN-11, E24AWN-11 and E28AWN-11.

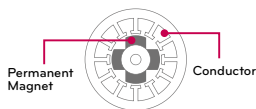


BLDC Fan motor

LG Inverter uses BLDC fan motor technology which further reduces the indoor noise level making quieter operation possible when compared to conventional AC/DC motor. In addition, precise speed control provides smooth speed change during operation.

BLDC Motor Strengths

1. Both electrical and mechanical noise is lower
2. Reliability and durability are improved
3. High speed operation is available

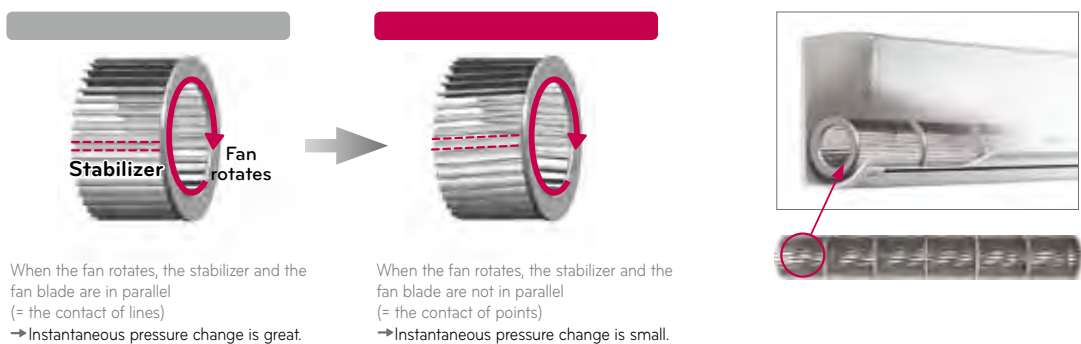


- Low efficiency
- Heat problem during repair
- Difficult precise speed control

- Low electric and mechanic noise
- Durable
- Precise speed control

Skew Fan

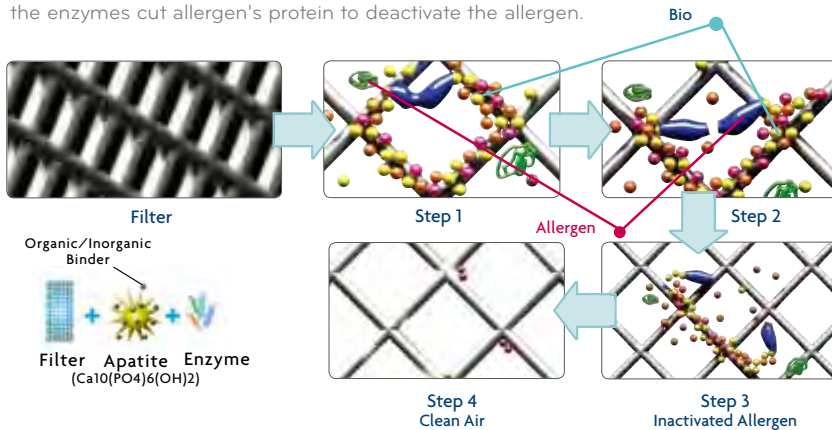
LG Air Conditioners use a skew fan design, a patent-pending feature that was developed by LG electronics. With tilted blades, the skew fan greatly reduced interference with the heat exchanger and achieves quieter operation.



Allergy Reduction Filter

Allergy Safe Filter

Filter consists of enzyme that breaks down allergen, apatite, and organic/inorganic binder that attaches the enzyme to the filter. When the air passes the filter, allergen clings to the filter and like tiny pairs of scissors the enzymes cut allergen's protein to deactivate the allergen.



BAF Certification

Recognised by the British Allergy Foundation and Allergy UK, the ARTCOOL Stylish Air Conditioners have been proven to reduce allergens in the home, offering you healthy and comfortable climate control.



Test Result Certification

Optimised Cooling & Heating

Optimised 4 way airflow for cooling and heating

For cooling, the vane is adjusted upwards to let the cold air reach a wider area. As for heating, the vane sends the heated air downwards to heat the space from the floor up for a more effective and balanced room temperature. Also, vertical louver moves left and right, so that every corner of the room is conditioned regardless of where the unit is located for even distribution.

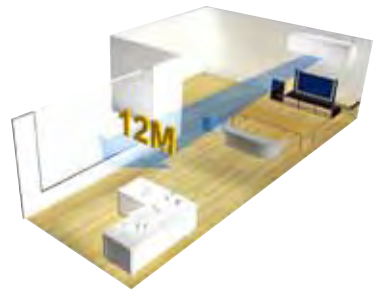


Powerful Air Throw

Keep cool this summer with our larger fans that allow you to experience the air up to 12 metres away.

This means that cooling is fast and powerful, allowing you to feel comfortable sooner, as the cool air reaches you.

(Available on models : M18AWN-11 / M24AWN-11 / M28AWN-11 / R18AWN-11 / R24AWN-11 / R28AWN-11 / E18AWN-11 / E22AWN-11 / E24AWN-11 / E28AWN-11)



Step Control

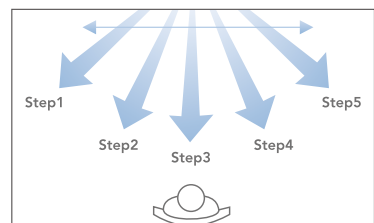
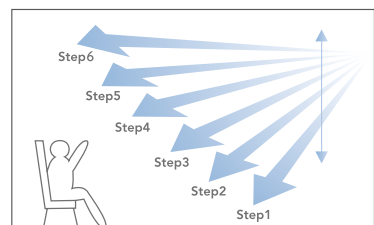
The direction of the horizontal vane can be adjusted from step 1 to step 6 and full auto swing. This function can cool specific areas much faster.

Horizontal Vane

Direction of horizontal vane can be adjusted from step 1 to step 6 and full auto swing. This function can cool specific areas much faster.

Vertical Louver

Direction of vertical louver can be adjusted from step 1 to step 5, left & right, and full auto swing. This function also allows the air conditioner to cool specific areas in only a short period of time.






* "Step control" only for ARTCOOL STYLISH & ARTCOOL MIRROR models.

Stylish Design

Changeable Panels & Stylish Design

With ARTCOOL changeable panels you can change the colour of your air conditioning panel to compliment your room's colour scheme.



-  White panel
-  Blue panel
-  Silver panel

*Colour panels sold separately.

model	Blue	Silver
R09/R12	PSAPBCB10	PSAPBCV10
R18/R24/R28	PSAPCCB10	PSAPCCV10

Stylish Line

LG's ARTCOOL Stylish boasts of elegant body line.



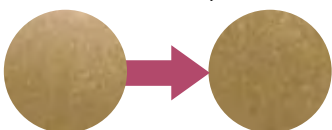
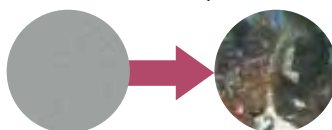
* "Stylish Changeable Panels" only for ART COOL *Stylish* Model.

General Features

Durable Coating


LG's Gold Fin is an anti corrosion coating on the surface of the heat exchanger. This ensures that the surface is more resistant to corrosion and increases the durability to help the exchanger perform like new for a much longer period.

Salt Spray Test for 15 Days

<p>After 15 Days</p>  <p>LG Gold Fin™ protected Aluminum</p> <p>LG Gold Fin™ Corrosion Resistance</p>	<p>After 15 Days</p>  <p>Uncoated Aluminum</p> <p>Conventional Starting to corrode</p>
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[Test Standard : ASTM B-117, KS D9502]

Gold Fin™




Auto Clean


A main cause of air conditioner odors is mould and bacteria that breed in the heat exchanger. The Auto Clean function dries the wet heat exchanger to help prevent mould and bacteria from breeding thus significantly reducing the mildew odors and saves you from frequent cleaning.



Only the fan will operate to dry the inner part of the air conditioner in just 30 minutes.



LG Auto Clean



Conventional

Accessories (optional)

Wired Remote Controller

The wired remote controller can be used by various means. It can control an indoor unit or group of indoor units.

	PQRCVSLQW
Operating mode	On_Off / Fan speed / Mode / Temp.
Reservation	Weekly / Simple
Electric failure compensation	Max 3 hours
Size(mm)	120 x 120 x 15



Simple Central Controller

Simple and easy central control for 16 indoor units is made by this controller, a distinctive product.

	PQCSB101SO
Max. no. of indoor units	16 indoor units
Individual control	On_Off control
Lock function	Total / Individual
Mode change	Cooling / Heating
Malfunction indicator	LED lamp
Dimension(mm)	120x120x20
Power(V)	DC 10V



Function Controller & Scheduler

Apart from on/off control, operation mode, fan speed, schedule, additional functions can be displayed and easily controlled.

	PQCSB101SO+PQCSC101SO	PQCSB101SO+PQCS130AO
	SCC + Function Controller	SCC + Scheduler
Max. no. of indoor units	16 indoor units	16 indoor units
Individual control	On_Off / Fan speed / Mode / Temp.	On_Off / Fan speed / Mode / Temp.
Lock function	Total / Individual	Total / Individual
Mode change	Cooling / Heating / Fan	Cooling / Heating / Fan
Malfunction indicator	Error display on LCD	Error display on LCD
Schedule	-	Weekly
Dimension(mm)	(120x120x20)+(70x120x14)	(120x120x20)+(120x133x20)
Power(V)	DC 10V	DC 10V



PI485

PI 485 converts the protocol of air conditioner to the RS 485 protocol for the central controller.



PMNFP14AO
Power : Single phase AC 220-240V 50/60Hz

Dry Contact

It is connected between indoor units and external device, so it can be used for various purpose.

	PQDSB	PQDSB1	PQDSBC
Contact point	1 Control point	1 Control point	2 Control points
Power input	AC 220/240V from outside power source	AC 24V from outside power source	DC 5V & 12V from indoor unit PCB
Voltage / Non voltage input	-	-	•
On_Off control	•	•	•
Lock / Unlock	-	-	•
Fan speed setting	-	-	•
Thermo off	-	-	•
Energy saving	-	-	•
Temperature setting	-	-	•
Error monitoring	•	•	•
Operation monitoring	•	•	•



PQDSB(1),
PQDSBC

*Refer to each model PDB for applicable models.

ART COOL *Mirror*



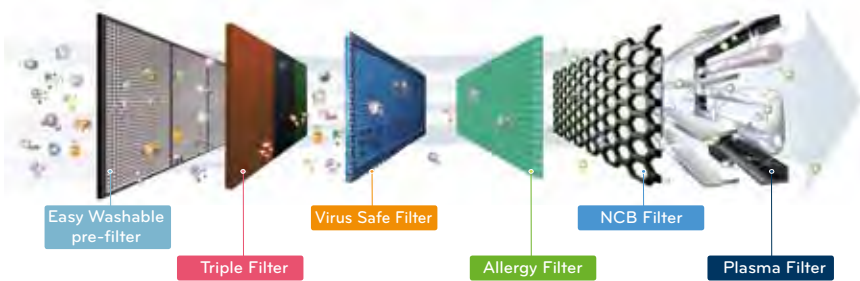
ART COOL *Stylish*



Additional Features

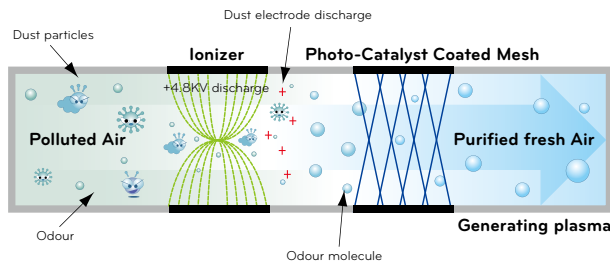
6 Steps Plasma Filtering system

LG's unique Plasma Air Purifying System has been designed to generate fresher and cleaner air. Made up of 8 filters which purify the air, where each stage of the filtration acts to reduce odours and fine dust particles from the environment .



Plasma Filter

The plasma air purifying system was initially developed by LG not only to reduce microscopic contaminants and dust, but also removal of house mites, micro dust, and pet fur in order to reduce allergy and asthma symptoms.



Stylish & Easy to use Remote control

User Friendly Design

- Comfortable to grab
- Sliding type



Easy Use

- Large-sized buttons
- Easy to recognize functions with graphics



Easy-Remote Controller

- 1 Large LCD
- 2 Plasma
When your air conditioner is not in operation simply press the plasma button and it becomes an air purifier.
- 3 On/Off Button
- 4 Temperature Setting
- 5 Operation Mode
- 6 Stepping control of air flow
- 7 Jet Cool /Jet Heat
- 8 Room Temperature
Press to display current room temperature.
- 9 Timer
- 10 Mode indicator brightness
- 11 Auto Clean
- Energy-Saving Cooling



ART COOL *Mirror*

REVERSE CYCLE



* Specifications

Model		MO9AWN-11	M12AWN-11	M18AWN-11	M24AWN-11	M28AWN-11
Cooling Capacity (Min/Rating/Max)	kW	0.89/2.50/3.70	0.89/3.50/4.04	0.90/5.20/6.00	0.90/7.40/8.65	0.90/8.00/9.20
Heating Capacity (Min/Rating/Max)	kW	0.89/3.21/5.00	0.89/4.00/6.00	0.90/6.30/9.00	0.90/8.60/11.40	0.90/9.60/12.00
Voltage/Frequency/Phase	V/Hz/ø	220-240.50/1	220-240.50/1	220-240.50/1	220-240.50/1	220-240.50/1
Power Input	Cooling/Heating	W	560/730	900/980	1500/1650	2350/2450
Running Current	Cooling/Heating	A	2.7 / 3.3	4.1 / 4.4	6.6 / 7.3	10.4/10.9
Starting Current	Cooling/Heating	A	2.7 / 3.3	4.1 / 4.4	6.6 / 7.3	10.4/10.9
AEER rated (part load)	W/W	4.47	3.89	3.46	3.16 (3.64)	3.10 (4.28)
ACOP rated (part load)	W/W	4.40	4.10	3.85	3.63 (4.46)	3.46 (4.40)
Star Rating	Cooling/Heating	4.0/4.0	3.0/3.5	2.0 / 3.0	1.5/2.5	1.5/2.0
Air Flow Rate	Indoor,Max.	l/s	200.0	200.0	325.0	366.7
Moisture Removal	l/h (pts/h)	1.7(3.6)	1.7(3.6)	19(4.0)	2.6(5.4)	2.8(5.9)
Noise Level (SPL)	Indoor(high/low) / Outdoor(High) (SPL)	dB(A)±3	38/23 / 45	39/23 / 45	42/35 / 51	47/35 / 52
	Sleep	dB(A)±3	19	19	29	29
Refrigerant (R410A) Charge(7.5m)	g (oz)	1000(35.3)	1000(35.3)	1350(47.62)	1800(63.49)	1800(63.49)
Max Pipe Run	(m)	20	20	20	30	30
Connecting Cable	P*mm ²	4*1.0	4*1.0	4*1.5	4*2.5	4*2.5
Additional Refrigerant	(g/meter)	20	20	20	35	35
Plug Size		10 amp	10 amp	15 amp	20 amp	20 amp
Operating range (outdoor)	Cooling	°C	-10 ~ 48	-10 ~ 48	-10 ~ 48	-10 ~ 48
	Heating	°C	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24
Net Dimension	Indoor (W*H*D)	mm	885*285*205	885*285*205	1030*325*245	1030*325*245
	Outdoor(W*H*D)	mm	770*545*288	770*545*288	870*655*320	870*800*320
Net Weight	Indoor/Outdoor	(kg)	10/35	10/35	15.5/46	15.5/60
	Liquid	mm (in)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52(3/8)
Service Valve(s)	Gas	mm (in)	9.52 (3/8)	9.52 (3/8)	12.7(1/2)	15.88(5/8)
		mm (in)				15.88(5/8)
Outdoor sound power level (SWL)	dB(A)	58	58	65	66	66
Feature						
Plasma Air Purifying System		•	•	•	•	•
Deodorizing filter + Allergy reduction filter		•	•	•	•	•
Powerful Air Throw		-	-	•	•	•
Auto Cleaning		•	•	•	•	•
Durable Coating		•	•	•	•	•
Auto Changeover		•	•	•	•	•
Jet Cool / Jet Heat		•	•	•	•	•
Natural Wind By CHAOS Swing		•	•	•	•	•
4-Way Auto Swing		•	•	•	•	•
Wireless Remote Controller (Luminous)		•	•	•	•	•
Sleep Mode		•	•	•	•	•
Dehumidification Mode		•	•	•	•	•
Auto Restart		•	•	•	•	•
24-Hour ON / OFF Setting Timer		•	•	•	•	•
Low ambient operation		•	•	•	•	•
Hot Start		•	•	•	•	•
Colour Panel (Blue / Silver)		-	-	-	-	-
Wired Remote Controller		option	option	option	option	option
Dry Contact		option	option	option	option	option
Simple Central Controller (A)		-	-	option	option	option
Function Controller & Scheduler (B)		-	-	option	option	option
PI485 (**A&B Should be connected with PI485)		-	-	option	option	option

Note : • Due to our policy of innovation some specifications may be changed without notification.

- Cooling Capacities are based on an indoor air temp 27°C DB 19°C WB and outdoor air temp. 35°C DB and 24°C WB in accordance with AS/NZS3823.1.1.
- Actual cooling & heating capacity will vary as ambient temperature varies. Please consult your LG sales representative for performance data outside of AS/NZS3823.1.1. standard conditions.
- Information contained in this brochure is a guide only and LG strongly recommends that you ask for advice from specialist installers and retailers, who can assist with measuring rooms and testing. Specialists can tell you the best size and type of air conditioner suited for your needs.
- Sound level are determined in an anechoic chamber at a distance of 1m, in accordance to KSC9306.
- Actual installed noise levels will vary depending on the installed location.
- AEER=Annual Energy Efficiency Ratio for cooling.
- ACOP=Annual Coefficient of Performance for heating.
- In accordance with AS/NZS 3823.2
- Sound power level specification is measured at reverberant room according to ISO 3741



UL2
R09AWN-UB11
R12AWN-UB11



UE
R18AWN-UC11



UE1
R22AWN-UC11
R24AWN-UC11
R28AWN-UC11

ART COOL *Stylish*
REVERSE CYCLE



* Specifications

Model		R09AWN-11	R12AWN-11	R18AWN-11	R24AWN-11	R28AWN-11
Cooling Capacity (Min/Rating/Max)	kW	0.89/2.50/3.70	0.89/3.50/4.04	0.90/5.20/6.00	0.90/7.40/8.65	0.90/8.00/9.20
Heating Capacity (Min/Rating/Max)	kW	0.89/3.21/5.00	0.89/4.00/6.00	0.90/6.30/9.00	0.90/8.60/11.40	0.90/9.60/12.00
Voltage/Frequency/Phase	V/Hz/ø	220-240.50/1	220-240.50/1	220-240.50/1	220-240.50/1	220-240.50/1
Power Input	Cooling/Heating	W	560/730	900/980	1500/1650	2350/2450
Running Current	Cooling/Heating	A	2.7 / 3.3	4.1 / 4.4	6.6 / 7.3	10.4/10.9
Starting Current	Cooling/Heating	A	2.7 / 3.3	4.1 / 4.4	6.6 / 7.3	10.4/10.9
AEER rated (part load)	W/W	4.47	3.89	3.46	3.16 (3.64)	3.10 (4.28)
ACOP rated (part load)	W/W	4.40	4.10	3.85	3.63 (4.46)	3.46 (4.40)
Star Rating	Cooling/Heating	4.0/4.0	3.0/3.5	2.0/3.0	1.5/2.5	1.5/2.0
Air Flow Rate	Indoor,Max.	l/s	200.0	200.0	325.0	366.7
Moisture Removal	l/h (pts/h)	1.7 (3.6)	1.7 (3.6)	1.9 (4.0)	2.6 (5.4)	2.8 (5.9)
Noise Level (SPL)	Indoor(high/low) / Outdoor(High) (SPL)	dB(A)±3	38/23 / 45	39/23 / 45	42/35 / 51	47/35 / 52
	Sleep	dB(A)±3	19	19	29	29
Refrigerant (R410A) Charge(7.5m)	g (oz)	1000 (35.3)	1000 (35.3)	1350 (47.62)	1800 (63.49)	1800 (63.49)
Max Pipe Run	(m)	20	20	20	30	30
Connecting Cable	P*mm ²	4*1.0	4*1.0	4*1.5	4*2.5	4*2.5
Additional Refrigerant	(g/meter)	20	20	20	35	35
Plug Size		10 amp	10 amp	15 amp	20 amp	20 amp
Operating range (outdoor)	Cooling	°C	-10 ~ 48	-10 ~ 48	-10 ~ 48	-10 ~ 48
	Heating	°C	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24
Net Dimension	Indoor (W*H*D)	mm	885*285*210	885*285*210	1030*325*250	1030*325*250
	Outdoor(W*H*D)	mm	770*545*288	770*545*288	870*655*320	870*800*320
Net Weight	Indoor/Outdoor	(kg)	10/35	10/35	17/46	17/60
	Liquid	mm (in)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)
Service Valve(ø)	Gas	mm (in)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)
	Outdoor sound power level (SWL)	dB(A)	58	58	65	66
Feature						
Plasma Air Purifying System		•	•	•	•	•
Deodorizing filter + Allergy reduction filter		•	•	•	•	•
Powerful Air Throw		-	-	•	•	•
Auto Cleaning		•	•	•	•	•
Durable Coating		•	•	•	•	•
Auto Changeover		•	•	•	•	•
Jet Cool / Jet Heat		•	•	•	•	•
Natural Wind By CHAOS Swing		•	•	•	•	•
4-Way Auto Swing		•	•	•	•	•
Wireless Remote Controller (Luminous)		•	•	•	•	•
Sleep Mode		•	•	•	•	•
Dehumidification Mode		•	•	•	•	•
Auto Restart		•	•	•	•	•
24-Hour ON / OFF Setting Timer		•	•	•	•	•
Low ambient operation		•	•	•	•	•
Hot Start		•	•	•	•	•
Colour Panel (Blue / Silver)		option	option	option	option	option
Wired Remote Controller		option	option	option	option	option
Dry Contact		option	option	option	option	option
Simple Central Controller (A)		-	-	option	option	option
Function Controller & Scheduler (B)		-	-	option	option	option
PI485 (**A&B Should be connected with PI485)		-	-	option	option	option

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In accordance with AS/NZS 3823.2
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UL2
R09AWN-UB11
R12AWN-UB11



UE



UE1
R24AWN-UC11
R28AWN-UC11

ART COOL *Econo*



4 Steps Filtering system

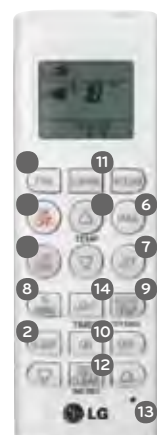
LG's unique Air Purifying System has been designed to generate fresher and cleaner air. Made up of 6 filters which purify the air in 4 stages, where each stage of the filtration acts to reduce odours and fine dust particles from the environment .



Stylish & Easy to use Remote control

You can operate the air conditioner more conveniently with the remote control.

- 1 Fan
- 2 Sleep mode auto
- 3 Temperature adjustment
- 4 On/Off
- 5 Indoor fan speed
- 6 Operation mode selection
- 7 Jet cooling/heating
- 8 Air flow direction
- 9 Temperature display
(press to display current room temperature)
- 10 Timer
- 11 Navigation and functions
- 12 Set/clear
- 13 Reset
- 14 Backlit Display



ART COOL *ECONO*
 REVERSE CYCLE


* Specifications

Model		E09AWN-11	E12AWN-11	E18AWN-11	E22AWN-11	E24AWN-11	E28AWN-11
Cooling Capacity (Min/Rating/Max)	kW	0.89/2.50/3.70	0.89/3.50/4.04	0.90/5.20/6.00	0.90/6.50/8.65	0.90/7.40/8.65	0.90/8.00/9.20
Heating Capacity (Min/Rating/Max)	kW	0.89/3.21/5.00	0.89/4.00/6.00	0.90/6.30/9.00	0.90/7.10/11.40	0.90/8.60/11.40	0.90/9.60/12.00
Voltage/Frequency/Phase	V/Hz/ø	220-240.50/1	220-240.50/1	220-240.50/1	220-240.50/1	220-240.50/1	220-240.50/1
Power Input	Cooling/Heating	W	560/730	900/980	1500/1650	1920/1820	2350/2450
Running Current	Cooling/Heating	A	2.7 / 3.3	4.1 / 4.4	6.6 / 7.3	8.5/8.1	10.4/10.9
Starting Current	Cooling/Heating	A	2.7 / 3.3	4.1 / 4.4	6.6 / 7.3	8.5/8.1	10.4/10.9
AEER rated (part load)	W/W	4.47	3.89	3.46	3.46	3.16 (3.64)	3.10 (4.28)
ACOP rated (part load)	W/W	4.40	4.10	3.85	4.09	3.63 (4.46)	3.46 (4.40)
Star Rating	Cooling/Heating	4.0/4.0	3.0/3.5	2.0 / 3.0	2.0/3.5	1.5/2.5	1.5/2.0
Air Flow Rate	Indoor/Max.	l/s	200.0	200.0	325.0	366.7	383.3
Moisture Removal	l/h (pts/h)	1.7(3.6)	1.7(3.6)	1.9(4.0)	2.6(5.4)	2.6(5.4)	2.8(5.9)
Noise Level (SPL)	Indoor(high/low) / Outdoor(High) (SPL)	dB(A)±3	38/23 / 45	39/23 / 45	42/35 / 51	45/35 / 52	47/35 / 52
	Sleep	dB(A)±3	19	19	29	29	29
Refrigerant (R410A) Charge(7.5m)	g (oz)	1000(35.3)	1000(35.3)	1350(47.62)	1800(63.49)	1800(63.49)	1800(63.49)
Max Pipe Run	(m)	20	20	20	30	30	30
Connecting Cable	P*mm ²	4*1.0	4*1.0	4*1.5	4*2.5	4*2.5	4*2.5
Additional Refrigerant	(g/meter)	20	20	20	35	35	35
Plug Size		10 amp	10 amp	15 amp	20 amp	20 amp	20 amp
Operating range (outdoor)	Cooling	°C	-10 ~ 48	-10 ~ 48	-10 ~ 48	-10 ~ 48	-10 ~ 48
	Heating	°C	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24
Net Dimension	Indoor (W*H*D)	mm	885*285*210	885*285*210	1030*325*250	1030*325*250	1030*325*250
	Outdoor(W*H*D)	mm	770*545*288	770*545*288	870*655*320	870*800*320	870*800*320
Net Weight	Indoor/Outdoor	(kg)	10/35	10/35	17/46	17/60	17/60
	Liquid	mm (in)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52(3/8)	9.52(3/8)
Service Valve(ø)	Gas	mm (in)	9.52 (3/8)	9.52 (3/8)	12.7(1/2)	15.88(5/8)	15.88(5/8)
	Outdoor sound power level (SWL)	dB(A)	58	58	65	66	66
Feature							
Plasma Air Purifying System		-	-	-	-	-	-
Deodorizing filter + Allergy reduction filter		•	•	•	•	•	•
Powerful Air Throw		-	-	-	-	-	-
Auto Cleaning		•	•	•	•	•	•
Durable Coating		•	•	•	•	•	•
Auto Changeover		•	•	•	•	•	•
Jet Cool		•	•	•	•	•	•
Natural Wind By CHAOS Swing		•	•	•	•	•	•
2-Way Auto Swing		•	•	•	•	•	•
Wireless Remote Controller (Luminous)		•	•	•	•	•	•
Sleep Mode		•	•	•	•	•	•
Dehumidification Mode		•	•	•	•	•	•
Auto Restart		•	•	•	•	•	•
24-Hour ON / OFF Setting Timer		•	•	•	•	•	•
Low ambient operation		•	•	•	•	•	•
Hot Start		•	•	•	•	•	•
Colour Panel (Blue / Silver)		-	-	-	-	-	-
Wired Remote Controller		option	option	option	option	option	option
Dry Contact		option	option	option	option	option	option
Simple Central Controller (A)		-	-	option	option	option	option
Function Controller & Scheduler (B)		-	-	option	option	option	option
PI485 (**A&B Should be connected with PI485)		-	-	option	option	option	option

Note : • Due to our policy of innovation some specifications may be changed without notification.

- Cooling Capacities are based on an indoor air temp 27°C DB 19°C WB and outdoor air temp. 35°C DB and 24°C WB in accordance with AS/NZS3823.1.1.
- Actual cooling & heating capacity will vary as ambient temperature varies. Please consult your LG sales representative for performance data outside of AS/NZS3823.1.1. standard conditions.
- Information contained in this brochure is a guide only and LG strongly recommends that you ask for advice from specialist installers and retailers, who can assist with measuring rooms and testing. Specialists can tell you the best size and type of air conditioner suited for your needs.
- Sound level are determined in an anechoic chamber at a distance of 1m, in accordance to KSC9306.
- Actual installed noise levels will vary depending on the installed location.
- AEER=Annual Energy Efficiency Ratio for cooling.
- ACOP=Annual Coefficient of Performance for heating.
- In accordance with AS/NZS 3823.2
- Sound power level specification is measured at reverberant room according to ISO 3741


UL2
 R09AWN-UB11
 R12AWN-UB11

UE
 R18AWN-UC11

UE1
 R22AWN-UC11
 R24AWN-UC11
 R28AWN-UC11

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Not only are LG ARTCOOL models Stylish but they feature Smart Technology,
giving you comfortable temperatures all year round.