

LG AIR CONDITIONERS


The ultimate combination of Stylish Design and Smart Technology.

ART COOL *Stylish*


Specifications

Model		R09AWN	R12AWN	R18AWN	R24AWN	R28AWN
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	0.90/8.00/8.65
Heating Capacity (Min/Rating/Max)	W	0.89/3.21/5.00	0.89/4.00/6.00	0.90/6.30/9.00	0.90/8.60/11.40	0.90/9.00/11.40
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	2580/2610
Running Current	Cooling/Heating A	2.7 / 3.3	4.1 / 4.4	6.6 / 7.3	10.4/10.9	11.5/11.6
Starting Current	Cooling/Heating A	2.7 / 3.3	4.1 / 4.4	6.6 / 7.3	10.4/10.9	11.5/11.6
EER	W/W	4.46	3.89	3.47	3.15	3.10
COP	W/W	4.40	4.08	3.82	3.51	3.45
Star Rating	Cooling/Heating	6.0/6.0	6.0/6.0	5.5 / 6.0	4.5/5.0	4.5/4.5
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)	2.6(5.4)
Noise Level	Indoor(High/L) Outdoor(H)	dB(A)±3	38/23 45	39/23 45	42/34 51	45/34 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'	4*1.0(Including Earth)	4*1.0(Including Earth)	4*1.5(Including Earth)	4*2.5(Including Earth)	4*2.5(Including Earth)
Additional Refrigerant	(g/meter)	20	20	20	35	35
Plug Size		10 amp	10 amp	15 amp	20 amp	20 amp
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)	11/35	11/35	17/46	17/60
Service Valve(ø)	Liquid	mm (in)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)
	Gas	mm (in)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)
Feature/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

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 AS3823.1.2.
 • Actual cooling & heating capacity will vary as ambient temperature decreases. Please consult your LG sales representative for performance data outside of AS3823.1.2. 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.


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LG Air Conditioners' COOL DESIGN SOLUTION

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

If you are concerned with the noise levels of the indoor unit....

Quiet Operation


Quiet Cooling

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

*19dB : only available on models R09AWN and R12AWN

**29dB : only available on models R18AWN ,R24AWN and R28AWN

If you want Stylish design in your space.....

Stylish Design


Changeable Panels & Stylish Design

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



*Colour panels sold separately



If you wish to reduce the amount of energy your air conditioner consumes, you need inverter technology...

Energy Efficient



If you are always thinking of your families health...

Allergy reduction filter



If you want customised climate control and airflow...

Optimised Cooling & Heating



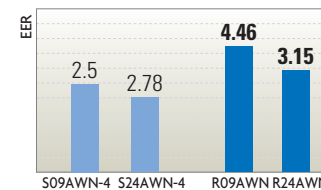
If you are worried about complicated installation...

Quicker & Easier Installation



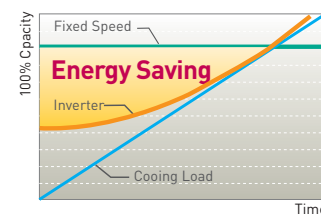
High Efficiency

LG's new range of air-conditioners are more efficient than previous models



More 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.



More Powerful

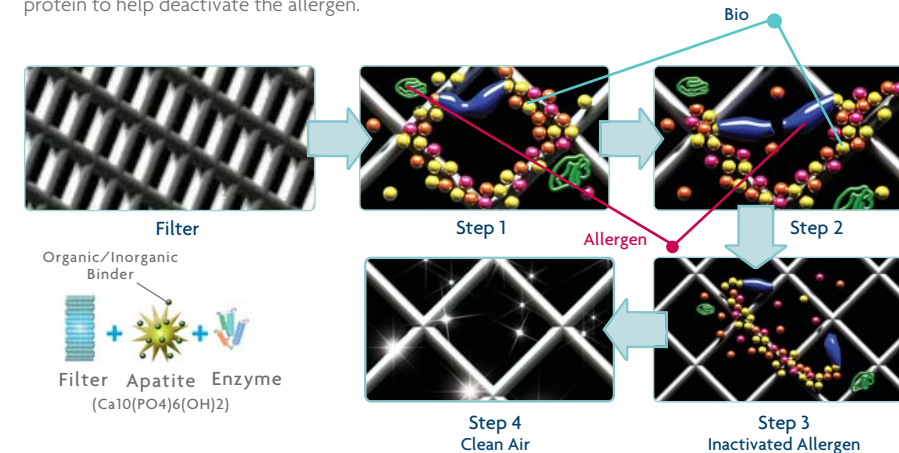
With a wider range of temperature modes for heating and cooling, the inverter is able to operate in even the most extreme outdoor temperatures. An inverter compressor can also operate faster than conventional air conditioners thus allowing the air conditioner to reach the set temperature faster and bring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

More 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 conventional 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 to ensure that your comfort is not compromised.

Allergy Reduction filter

The Allergy reduction filter comprises of an enzyme that helps break down allergens when the air passes through the filter. The allergens cling to the filter and the enzyme breaks down the allergens protein to help deactivate the allergen.



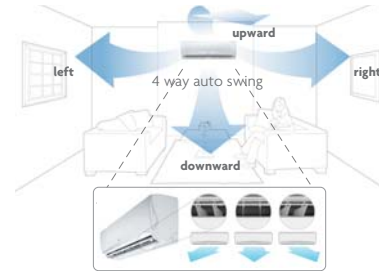
BAF Certification

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.



Optimised two 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.



Powerful Air Throw

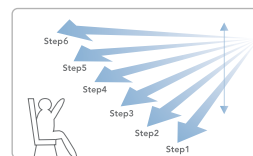
Keep cool this summer with our new larger fans that allow you to feel the air up to 12 metres away! This means that cooling is fast and powerful, allowing you to feel comfortable sooner, as the cool air reaches you. (Available on models: R18AWN / R24AWN / R28AWN)



Step Control

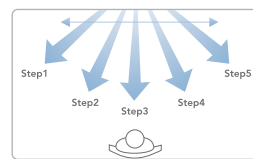
Horizontal Vane Step Control

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.



Vertical Louver Step Control (Optional)

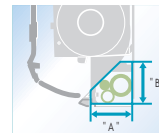
Direction of vertical louver can be adjusted from step 1 to step 5, left & right, and full auto swing. This function also allows the air conditioner to cool specific areas in short periods of time



Sufficient piping space

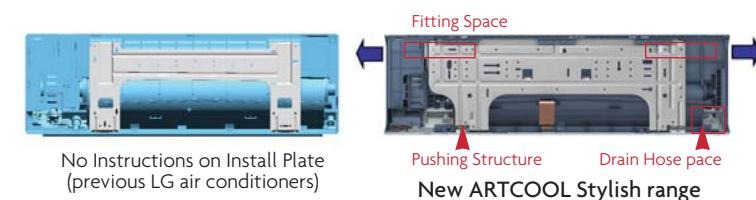
LG ARTCOOL Stylish models feature wide piping space which makes them easier to install than previous LG models

	New model	Previous model	
	R09AWN	C09AWR-2	S09AWN-4
A(mm)	67.7	53.0	51.0
B(mm)	72.0	62.0	64.0
%	149%	101%	100%



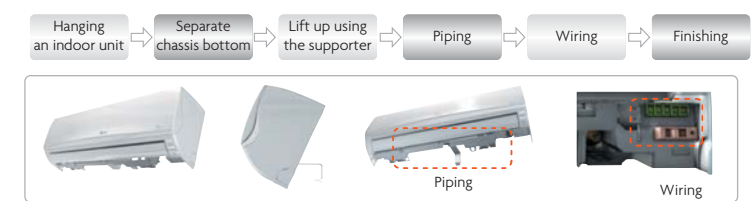
Installation plate improvement

LG ARTCOOL Stylish new installation plate is wider and modified to help save installation time.



Detachable bottom cover

LG ARTCOOL Stylish indoor units have a detachable chassis bottom and supporter, which makes installation possible without having to disassemble or support the unit.



* Air conditioners can only be installed by a licensed air conditioner installer