



# LG ARTCOOL Mirror



## High performance R32 wall-mounted unit



R32 refrigerant has a global Warming Potential (GWP) of only 675, and has been shown to have a remarkably reduced environmental impact compared to other refrigerants such as R410A. Its high efficiency is proven as just a smaller amount of R32 is required (15% less gas charge compared to R410A) with better heating performance at lower ambient temperatures whilst also using less refrigerant per kilowatt of capacity delivered.

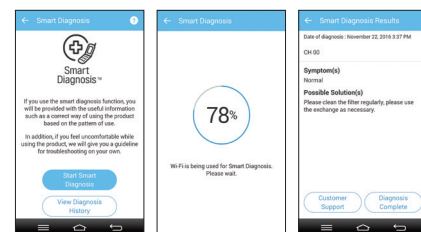
R32 high refrigerant compression rate contributes to higher system capacity than products using R410A.



## Smart diagnostics and embedded wi fi

Whenever, wherever and no matter how many air conditioners you have, you can easily access and control your air conditioners by using smart internet devices such as Android or iOS based mobile phones. Smart Diagnosis allows users to conveniently check set up, installation, troubleshooting and other information directly from a smartphone.

By using "LG Smart ThinQ" App and clicking "Start Smart Diagnosis", monitor and check diagnosis results conveniently via Wi-Fi.



## Powerful Cooling / Heating Airflow

LG's unique technology with larger skew fan and the outdoor unit's big airflow wings creates high efficiency cooling and heating and 9m long power airflow.

### Easy to Open

Easy horizontal sliding filter when cleaning your air conditioners in 1 step.

### Easy to Clean

The filter is designed for easy handling and quick cleaning, which lengthens its lifespan.



## ARTCOOL MIRROR



LG participates in the ECP programme for EUROVENT AC program. Check ongoing validity of certification: [www.eurovent-certification.com](http://www.eurovent-certification.com)



Embedded Wi-Fi



Smart Diagnosis



Active Energy Control



Energy Display



Dual Protection Filter



Auto Cleaning



Plasmaster Ionizer<sup>PLUS</sup>



Jet Cool



2 Way Swing



Fast Heating



Gold Fin™



Comfort Air



Low Noise 19dB (9k, 12k)



Silence Mode



Quick & Easy Installation

The LG ARTCOOL Mirror wall mounted air conditioning unit exudes sophistication and luxury, seamlessly complementing any interior decor. The unit offers a range of benefits including the inclusion of a **dual protection filter** to protect from odours and harmful substances.

They also feature **Auto Cleaning** – cleaning the filter with regular airflow and removing harmful particles, preventing bacteria, mould and odours that can otherwise accumulate in an indoor unit. The **larger Skew fan**, incorporated enables the cool air flow to reach all extremities of a room, the Standard Plus **4-way swing louvres** keep the space cool and comfortable.

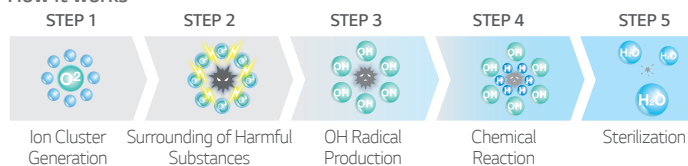
The **Fast Cooling** feature provides an optimised high-speed airflow which can cool rooms faster while still delivering air evenly in every direction. The **'Jet Cool'** mode reduces temperatures of outflowing air to just 18 degrees C for 30 minutes with just one click. By reducing the second vortex, which decreases airflow from the air outlet, and enlarging the fan size, the amount of airflow is increased by 13 CMM.

The LG wall mounted units operate at 19dB low noise level – quieter than a library - yet still providing healthy soft air flow in the property.



The deluxe LG wall mount unit features a **Plasmaster** ionizer plus filter for healthier indoor air quality #IAQ.

## How it works



### Technical Information

- A system is one indoor unit with one connecting outdoor unit.

UNIT				9K	12K	18K
INDOOR				AM09BP.NSJ	AM12BP.NSJ	AM18BP.NSK
Capacity	Cooling	Min/Rated/Max	kW	0.89/2.50/3.70	0.89/3.50/4.04	0.90/5.00/5.52
	Heating +7°C	Min/Rated/Max	kW	0.89/3.20/4.10	0.89/3.80/5.10	0.90/5.80/6.43
	Heating -7°C	Rated	W	3000	3600	3800
Power Input	Cooling	Rated	W	670	1080	1587
	Heating +7°C	Rated	W	840	1000	1611
EER			W/W	3.73	3.24	3.15
S.E.E.R. (Seasonal Energy Efficiency Ratio)				6.5	6.4	6.5
Energy Label	Cooling	(A++ to E Scale)		A++	A++	A++
	Heating	(A++ to E Scale)		A+	A+	A+
Annual Energy Consumption	Cooling		kWh	134	191	269
	Heating		kWh	840	875	1365
Sound Pressure	Cooling	Sleep	dB(A)	19	19	31
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Dimension			mm	837*308*192	837*308*192	998*345*212
Net Weight			kg	9.9	9.9	13.2
OUTDOOR				AC09BQ.UA3	AC12BP.UA3	AC18BPUL2
Sound Pressure	Cooling	High	dB(A)	49	49	53
	Heating	High	dB(A)	51	51	55
Net Weight			kg	34.1	34.1	34.4
Dimension			mm	770*545*288	770*545*288	770*545*288

\* This product contains Fluorinated greenhouse gases (R32). R32 is under the category A2L mildly flammable refrigerants and as such are NOT SUITABLE for retrofit applications. SEER, the higher the number, the more efficiently a product will produce cooling/heating, while conserving energy.