



COOL



LG ARTCOOL

INVERTER COMPRESSOR
10 YEAR WARRANTY
70% Energy Saving
40% Faster Cooling
10 Year Inverter Compressor Warranty



- Active Energy Control
- Comfort Air
- Plasmaster Ionizer
- Dual Protection Filter
- Low Noise 19dB
- SmartThinQ™
- Auto Cleaning
- Power Cooling
- SIMs
- 10-Year Inverter Compressor Warranty
- Smart Diagnosis
- Quick & Easy Installation
- Gold Fin™
- Energy Display

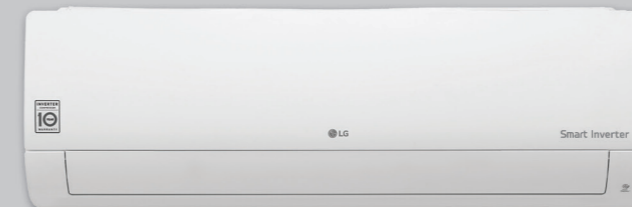
Models	TYPE	ARTCOOL				
		A096JH	A126JH	A186KH	A246KH	
Cooling Capacity (Min - Rated - Max)	kW	1.03 - 2.64 - 3.81	1.03 - 3.52 - 3.81	1.08 - 5.45 - 5.54	1.26 - 6.45 - 7.18	
Heating Capacity (Min - Rated - Max)	kW	1.03 - 2.84 - 3.99	1.03 - 3.52 - 3.99	1.08 - 5.57 - 6.24	1.26 - 6.45 - 7.32	
EER	W/W	3.40	3.21	3.24	3.21	
COP	W/W	3.80	3.61	3.66	3.41	
Power Input	Cooling	W	776	1095	1680	2010
	Heating	W	747	975	1520	1890
Operation Range	Cooling (Outdoor)	°C	18 ~ 48	18 ~ 48	18 ~ 48	18 ~ 48
	Heating (Outdoor)	°C	-5 ~ 24	-5 ~ 24	-5 ~ 24	-5 ~ 24
Sound Pressure Level	Cooling, Max / H / M / L / SL	dB(A)+1	41/35/27/19	41/35/27/19	44/42/37/31	55/47/42/37/31
Pipe Sizes	Liquid	Inch	1/4	1/4	1/4	1/4
	Gas	Inch	3/8	3/8	1/2	5/8
Piping Length	Min / Standard / Max	m	3.6 / 5.0 / 15	3.6 / 5.0 / 15	3.6 / 5.0 / 20	3.6 / 5.0 / 20
Max. Elevation Difference		m	7	7	10	10
Dimensions (WxHxD)	Indoor	mm	837*308*192	837*308*192	998*345*212	998*345*212
	Outdoor	mm	717*483*230	717*483*230	770*545*288	870*655*320

LG DUAL



Smart Inverter

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Dimensions (WxHxD)	Indoor	mm	837*189*302	837*189*302	998*210*330	998*210*330
	Outdoor	mm	717*483*230	717*483*230	770*545*288	870*655*320



Smart Inverter

LG ARTCOOL

Low Noise Ultra Quiet 19dB

LG's unique technology of skew fan and BLDC motor eliminates unnecessary noise and allows smooth operation at the lowest sound level.

Pain Point
Air conditioners can sometimes disrupt living environments if they are too noisy, especially during the night when their sound is more easily heard.

Benefit

22dB Conventional Inverter, 26dB Forest, 32dB Conventional On/Off, 36dB Library

19dB *9k, 12k only

Active Energy Control 4-Step

LG's Active Energy Control adjusts the energy consumption level and cooling capacity by controlling maximum frequency of the compressor motor.

How It Works

Normal. 100% energy usage Crowded and very active. Step 1. 80% energy usage Some people and low-activity levels. Step 2. 60% energy usage Few people and low-activity levels. Step 3. 40% energy usage Few people without activity.

Smart Diagnosis

Smart Diagnosis - available through the LG Smart ThinQ app - allows users to conveniently check air conditioner related problems (troubleshooting) directly from a smartphone.

- Easily check operational status of a product without a display or one that provides limited information
- Save energy by monitoring key operational information and power consumption
- Easy-to-understand error messages make reaching a solution and corresponding with the service center simple and convenient
- Users will be giving the necessary information to the SVC center, allowing the SVC technician to prepare the corresponding parts before the visit, avoiding for multiple visits to solve the SVC issues and fix the problem on the first visit.

10-Year Inverter Compressor Warranty

The compressor is to the Air Conditioner the same as the engine is to the vehicle. With the 10-year warranty on the compressor, users can enjoy the benefits of LG air conditioner for a longer period of time.

Reliable Air Conditioner
Product safety is emphasized by offering a 10-year warranty on the compressor to reassure customers about their worries on product defects.

Certificate
TUV Rheinland, Long Term Accelerated-reliability Test & High Marginal Test

*Long Term Accelerated-Reliability test
LG's unique testing method with reinforced operating condition for a product life assurance to test and determine the product life cycle in a short period of time by accelerating the life cycle.

*High Marginal Test
Test method to secure durability in various adverse conditions that may occur in the field by performing comp reliability test against higher pressure and temperature than the designed range of pressure and temperature which the comp operates in.

*Verification obtained from TUV Rheinland for 10-year product life cycle

Non-Stop Cooling with Same Minimum Cost of Electricity

Dual Inverter COMPRESSOR

Why don't you use your AC all night? Worried about Electricity?

In the summer, many people are still suffering from hot weather. Although a lot of people have Air conditioner in their homes, people are afraid to use the Air Conditioner due to the high electricity consumption of the Air Conditioner. Even in the hot summer, people only tempt to use the Air Conditioner for a very short period of time due to this concern. Now, LG is introducing a highly efficient Air Conditioner that can solve all your concerns. You no longer need to be afraid to use your Air Conditioner. Now you can use your Air Conditioner as long as you want, without the concern of your electricity bills. Our revolutionary inverter technology offers powerful yet silent performance while also greatly lowering energy consumption by as much as 70%. LG has taken energy efficiency to a whole new level with its inverter technology.

70% Energy Saving

LG Dual Inverter Compressor has been certified for 70% more energy saving. With 70% more energy saving, comparing with the conventional On/Off models, you will be able to enjoy Non-Stop cooling with LG Dual Inverter.

40% Fast Cooling

Super quick cooling is different from existing Jet cool technology. It enable the fastest cooling through control cooling temperature by compressor.

Energy Saving & Cost Saving

Saves 70% More Energy

Up to 70% Saving

Cools 40% Quicker

40% Quick

* Specification, design and feature are subject to change without prior notice
* 60% E/SAVING + 30% Faster cooling performance available for 9k & 12k
* 70% E/SAVING + 40% Faster cooling performance available for 18k & 24k

Varied-Speed Dual Rotary

A compressor motor with a wider rotational frequency saves more energy and has a higher speed cooling range than conventional compressor.

Power-Saving Operating Range

High-Speed Cooling Range

- 25% bigger indoor fan**
A 25% larger skew fan expels more powerful blasts of air.
- Wider outlet (9% larger fan size)**
A larger, optimally designed cooling outlet expels air farther and cools spaces faster.

Plasmaster Ionizer PLUS

Sterilizes Up to 99.9% Bacteria & Deodorizes

Sterilization and Deodorization (Utilizes Over 3 Million Ions)
Plasmaster Ionizer+ reduces harmful microscopic particles by infusing the air passing through the air conditioner with over 3 millions ions.

STEP 1	STEP 2	STEP 3	STEP 4	STEP 5
Ion Cluster Generation	Surrounding of Harmful Substances	OH Radical Production	Chemical Reaction	Complete Sterilization
Ions are released into air	H-and O- bound to harmful particles	OH radicles inactivate harmful substances	OH radicles bond with H particles in the air	H ₂ O molecules are produced

Energy Display

LG's Energy Display panel monitors the amount of energy levels used. Save on energy consumption while enjoying the cool by checking your energy level on the panel.

Pain Point
It can be difficult to determine the appropriate level of air conditioner use, while users need to proactively make energy savings.

How it Works
With the push of a button on the remote control, indoor unit's LCD display shows the current and total energy use, helping users to stay informed and allowing them to reduce energy consumption.

Magic Display Mode Push button for 3 sec.

* ARTCOOL only

SmartThinQ™

Smart ThinQ will allow you to access your Air Conditioner where ever you are. This will allow you to turn on your AC before coming home, and your house will be ready at the perfect temperature by the time you arrive.

How it Works

Wi-Fi Connectivity
Access your air conditioner at anytime and from anywhere with a Wi-Fi equipped device and LG's exclusive home appliances control app

Usage status monitoring & Analysis reports
Smart ThinQ will provide you with a full report of your daily, weekly usage showing the analysis of your AC usage and the power consumption accordingly.

Group Control
Make a group of multiple units in Smart ThinQ, and you will be able to control all the units with just one touch in the application. The group will be controlled simultaneously as if they were one unit.

Installation
Search "Smart ThinQ" on Google market or App store then download the app.

Wi-Fi Connection
Please select a router that you want to connect to. Enter the password and then touch the "Connect" button.

Press two buttons for 3seconds simultaneously. (Check the buzzer sound)

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* All Models can use 10 yr Comp Warranty, Low Noise, Active Energy Control