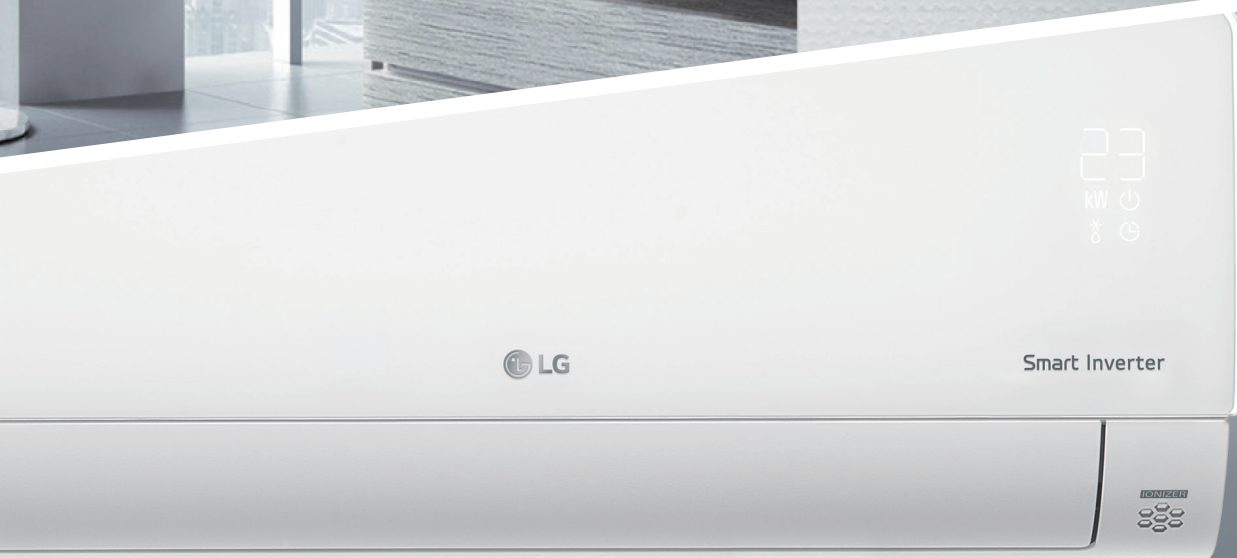


2016
RESIDENTIAL
AIR CONDITIONERS



2016 **NEW**
DELUXE
Smart Inverter



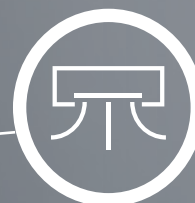
Energy Efficiency

LG's advanced inverter technology and innovative energy saving technology provides powerful performance while minimizing energy consumption.



Durability

A full 10 years warranty of Inverter compressor reflects the confidence that LG has in the reliability of its top-of-the-line residential air conditioners.



Fast Cooling and Heating

Experience powerful and high-speed cooling with incomparable LG air conditioner.



Comfort

LG air conditioners adjust vane angle to provide optimized Airflow for indirect cooling and heating while operating at the world's lowest noise level.



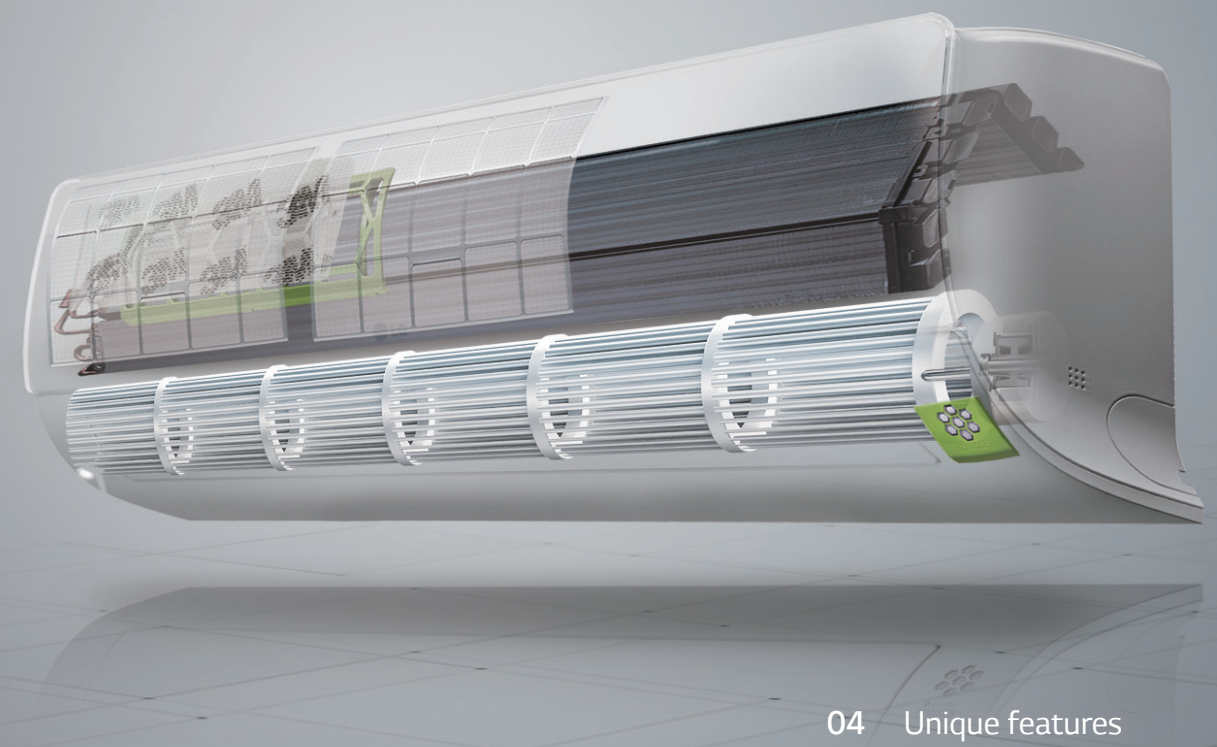
Perfect Health Care

Innovative filters protect the user from harmful substances including odors, bacteria, viruses and allergens.



Smart

Control your air conditioner from anywhere and check operating information and error code with your smart phone.



- 04 Unique features
- 18 Line-up
- 20 Energy Efficiency
- 28 Fast Cooling & Heating
- 36 Extreme Durability
- 42 Perfect Healthcare
- 52 Comfort
- 62 Smart
- 72 Specifications
- 92 Accessories
- 94 Brand History

UNIQUE FEATURES

Energy Saving

The advanced inverter technology and the energy display with the display panel on indoor unit provides the world's highest level of energy efficiency.

Power Cooling

No matter how hot it is outside, LG air conditioners distribute cool air fast, reaching every corner of the room with the powerful cooling performance to cool even large rooms faster.

Perfect Health Care

Various filtration protects users from harmful substances such as odors, bacteria, allergens, viruses, and micro-dust.

Smart

Whenever and wherever, access and control the air conditioner by LG's Smart technologies.

Comfort

LG air conditioners provide the most comfortable environment with operating at the world's lowest noise level and perfect vane adjusting.

Quick & Easy Installation

Installation has never been easier as with the delicately designed installation elements of LG air conditioners



Prestige

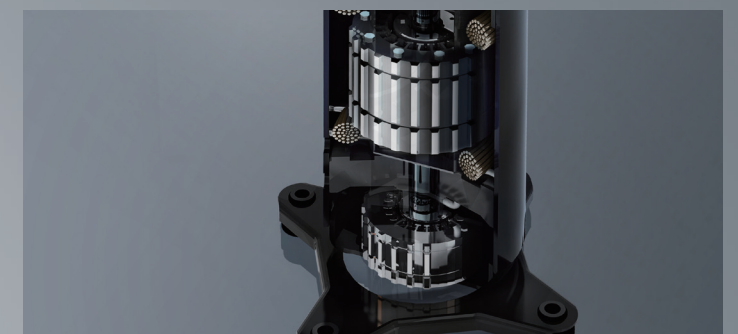
Smart Inverter

LG Prestige offers one of the most complete air conditioning solutions with supreme energy efficiency and complete silence.



Supreme Energy Efficiency

With world class energy efficiency, enjoy comfortable surroundings while saving energy.



Complete Silence 17dB

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



Plasmaster Ionizer Plus

The powerful plasma ionizer protects you from odors and harmful substances in the air with over 3 million ions to sterilize the air passing through the air conditioner.



ARTCOOL Stylist Smart Inverter

The design of LG air conditioners is stylish in a way that is incomparable to others. Style your space.



Unique Design

Simple and elegant design of the Artcool Stylist will blend in any interior from modern to classic.



3 way Soft Airflow

Provides softer and more natural airflow with 3-directional flow patterns.



LED Lighting

Even if you have one space and one wind, Artcool Stylist enables to express your emotion in your space.



ARTCOOL Slim

Smart Inverter

In addition to modern lines and classic style, LG ARTCOOL Slim offers the most outstanding air conditioning solution in an unrivaled package.



Slim and Stylish Design

Slim, sleek and refined design and fine tuned details create a timeless classic.



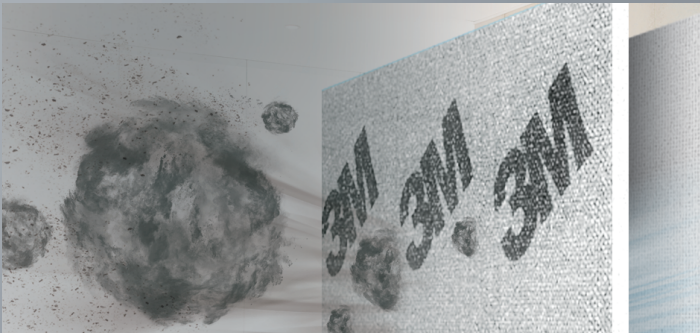
Take Control, Save More

LG's revolutionary Inverter technology and Active Energy Control maximize frequency of the compressor motor and control cooling capacity. This results in high efficiency rate while greatly minimizing energy consumption.



Perfect Healthcare

The powerful plasma ionizer protects you from odors and harmful substances in the air with over 3 million ions to sterilize the air passing through the air conditioner.



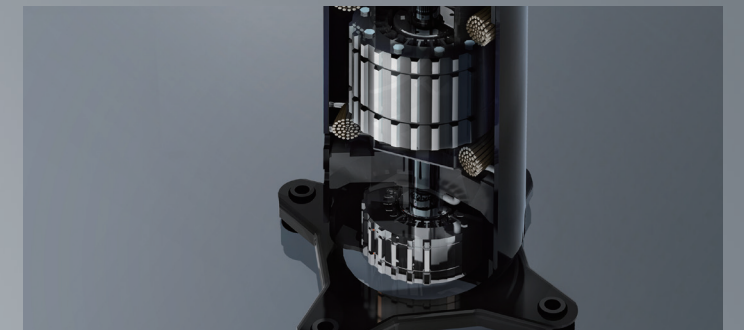
2016 **NEW** Deluxe Smart Inverter

Advanced technology LG brand once again leads the RAC field, with the strengthened fundamental elements of air conditioner solutions.



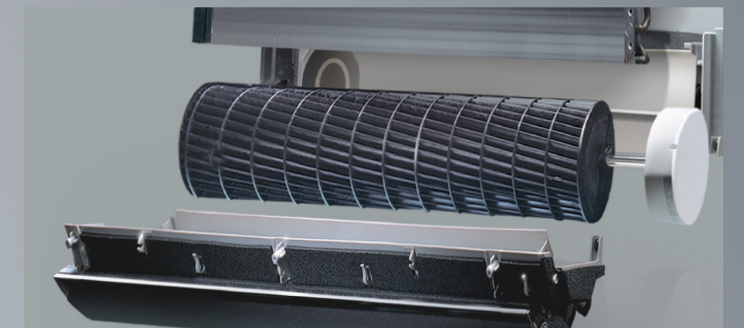
Supreme Energy Efficiency

LG RAC improved its compressor and heating capacity with the high density heat exchanger and the boost AC direct drive.



High Performance Airflow

LG's unique high pressure blade fan and outdoor unit's high efficiency big wings, creates high efficiency cooling and heating air solution and 9m long power airflow.



Customized Design for Maximum Comfort

LG air conditioner's slim and simple design guarantees easy installation and convenient cleaning.



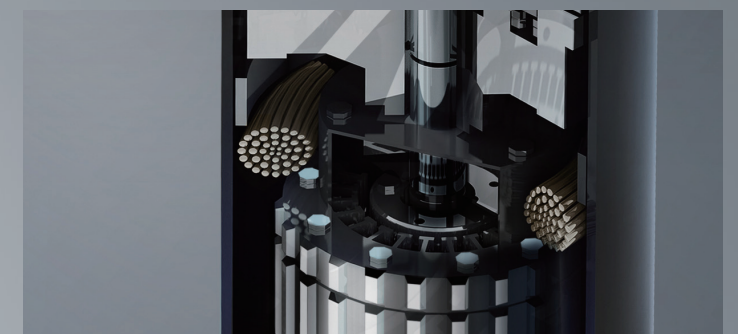
2016 **NEW** Standard Plus Smart Inverter

New Standard Plus is a compact size unit with powerful cooling performance and in minimal design with great convenience.



High Energy Efficiency

With A++ of cooling and A+ of heating efficiency, now enjoy comfortable surroundings while saving energy.



Comfort Air

The comfort vane option conveniently sets the louvers to a preset position that deflects the supply air away from blowing directly onto room occupants.



Perfect Convenience

The LG's revolutionary air conditioners provide maximum comfort for consumers.



Standard Smart Inverter

Standard possess the most essential elements of general RAC but with LG's more advanced technology.



Comfort Air

The comfort vane option conveniently sets the louvers to a preset position that deflects the supply air away from blowing directly onto room occupants.



Get Cool Quickly

"Jet cool" makes your air conditioner cool in a short period time.



Defence Dust & Bacteria
























































The Dual Protection Filter collects dust and bacteria from various other sources.



LINE UP

Smart Inverter

<

Perfect Helthcare			Comfort			Smart																				
<div><div></div><div>Plasmaster Ionizer Plus</div></div>			<div><div></div><div>Dual Protection Filter</div></div>			<div><div></div><div>Plasmaster Auto Cleaning</div></div>			<div><div></div><div>Low Noise 17dB</div></div>			<div><div></div><div>Silent Mode 3dB</div></div>			<div><div></div><div>Quick & Easy Installation</div></div>			<div><div></div><div>(Optional) Wi-Fi Ready</div></div>								
			<div><div></div><div>Dual Protection Filter</div></div>			<div><div></div><div>Auto Cleaning</div></div>			<div><div></div><div>Low Noise 19dB</div></div>			<div><div></div><div>Silent Mode 3dB</div></div>			<div><div></div><div>Quick & Easy Installation</div></div>			<div><div></div><div>(Optional) Wi-Fi Ready</div></div>								
<div><div></div><div>Plasmaster Ionizer Plus</div></div>			<div><div></div><div>MICRO Powered by 3rd Tech Dust Filter</div></div>			<div><div></div><div>Dual Protection Filter</div></div>			<div><div></div><div>Auto Cleaning</div></div>			<div><div></div><div>Low Noise 19dB</div></div>			<div><div></div><div>Silent Mode 3dB</div></div>			<div><div></div><div>Quick & Easy Installation</div></div>			<div><div></div><div>(Optional) Wi-Fi Ready</div></div>					
<div><div></div><div>Plasmaster Ionizer Plus</div></div>			<div><div></div><div>MICRO Powered by 3rd Tech Dust Filter</div></div>			<div><div></div><div>Dual Protection Filter</div></div>			<div><div></div><div>Auto Cleaning</div></div>						<div><div></div><div>Silent Mode 3dB</div></div>			<div><div></div><div>Quick & Easy Installation</div></div>			<div><div></div><div>(Optional) Wi-Fi Ready</div></div>					
<div><div></div><div>Plasmaster Ionizer Plus</div></div>			<div><div></div><div>Dual Protection Filter</div></div>			<div><div></div><div>Auto Cleaning</div></div>			<div><div></div><div>Comfort Air</div></div>			<div><div></div><div>Low Noise 19dB</div></div>			<div><div></div><div>Silent Mode 3dB</div></div>			<div><div></div><div>Quick & Easy Installation</div></div>			<div><div></div><div>(Optional) Wi-Fi Ready</div></div>			<div><div></div><div>Smart Diagnosis</div></div>		
			<div><div></div><div>Dual Protection Filter</div></div>			<div><div></div><div>Auto Cleaning</div></div>			<div><div></div><div>Comfort Air</div></div>			<div><div></div><div>Low Noise 19dB</div></div>			<div><div></div><div>Silent Mode 3dB</div></div>			<div><div></div><div>Quick & Easy Installation</div></div>			<div><div></div><div>(Optional) Wi-Fi Ready</div></div>			<div><div></div><div>Smart Diagnosis</div></div>		
			<div><div></div><div>Dual Protection Filter</div></div>			<div><div></div><div>Auto Cleaning</div></div>			<div><div></div><div>Comfort Air</div></div>						<div><div></div><div>Quick & Easy Installation</div></div>			<div><div></div><div>(Optional) Wi-Fi Ready</div></div>								
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Energy Efficiency

LG's highly efficient advanced inverter technology provides powerful performance while minimizing energy consumption to create the world's most energy efficient air conditioning system.



Supreme Energy Efficiency

LG's revolutionary Smart Inverter Technology, boasts powerful yet silent performance while minimizing energy consumption.



Active Energy Control

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

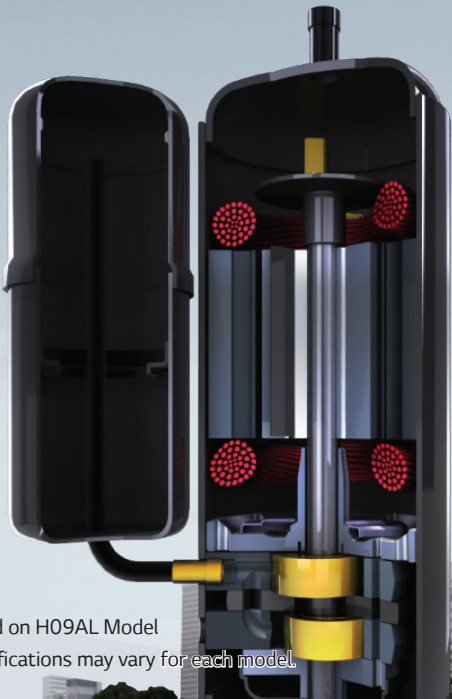


Energy Display

LG's Energy Display panel monitors the energy consumption levels. It is now able to save energy while enjoying the coolness.

Supreme Energy Efficiency

LG's revolutionary Inverter technology boasts powerful yet quiet performance while minimising energy consumption. With world class energy efficiency, enjoy comfortable surroundings whilst saving energy.

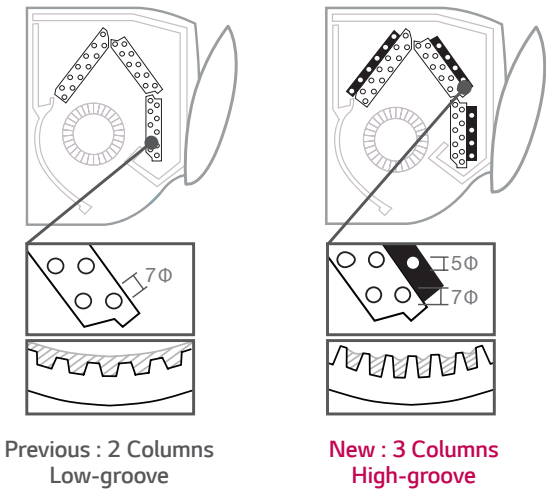


* Based on H09AL Model
* Specifications may vary for each model.

3 Column Hybrid Heat Exchanger

Improved energy efficiency by application of the 3 column hybrid heat exchanger and High-groove Tube.

- The efficiency of the heat exchanger has been greatly improved by integrating an additional column to the hybrid heat exchanger to increase the surface area.
- The loss of heat has been reduced by using tubes of varying diameters.
- The Inner area of the tube has been risen 40% by using High-groove.

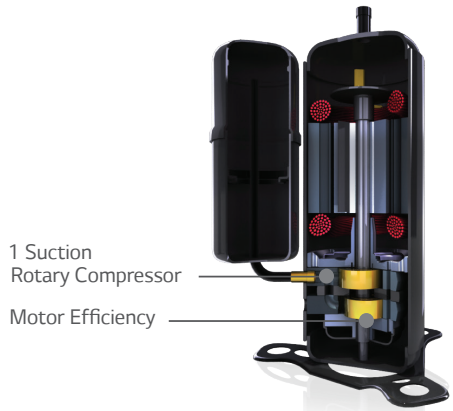


* Based on H09AL Model

High Efficient Compressor and Reversing Valve

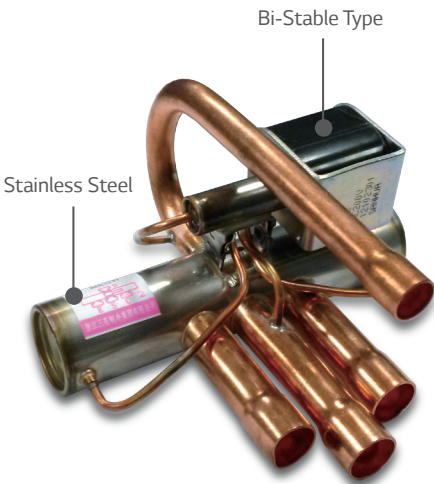
Rotary Compressor and Motor Efficiency

The number of suction connections has been reduced from two to one to increase the efficiency of refrigerant compression during low speed conditions. The DC motor in LG air conditioners is unsurpassed in the world's best efficiencies.



Bi-Stable Reversing Valve

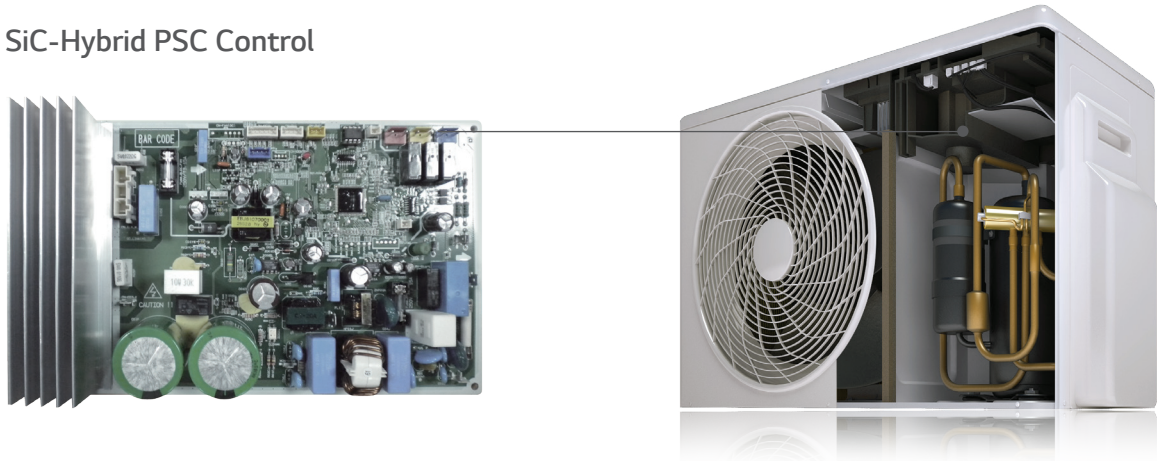
The Input power of 4-way valve has been reduced to 0W by using Bi-Stable type.

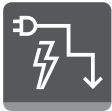


Improved Inverter Drive Efficiency

Optimized the time of current flow by controlling the number of converter switching according to energy consumption status. Moreover, realized higher performance and advanced energy efficiency than conventional Inverter air conditioner by reducing power loss with an advanced material component called SiC.

SiC-Hybrid PSC Control





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.



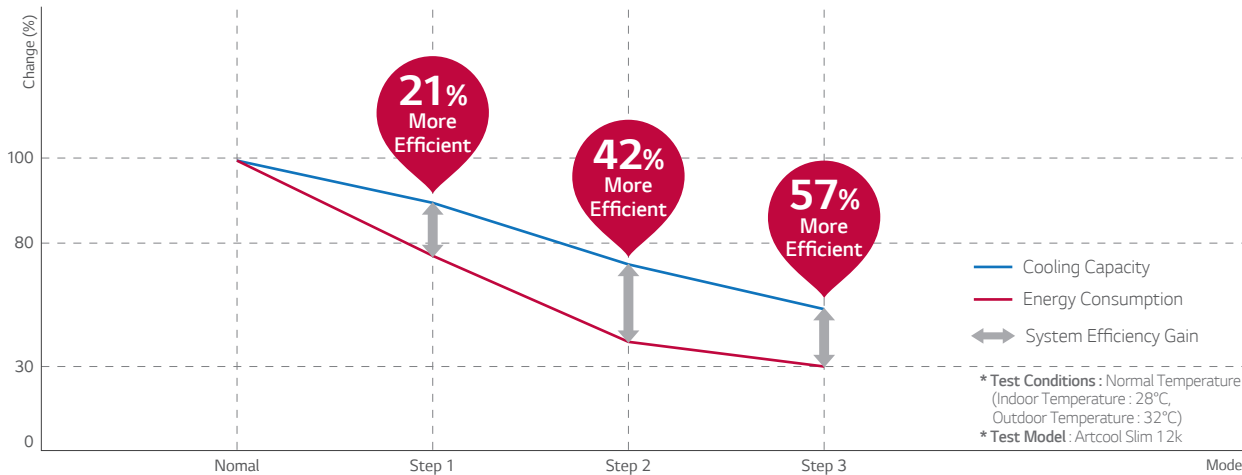
4-Step Energy Control



* Specifications may vary for each model.
* Depending on the experimental conditions

Concept & Benefit

Cooling a home can be come at a high cost particularly during the hot summer months. Avoid those costs and save energy by taking advantage of LG's 4-Step Energy Control System.



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

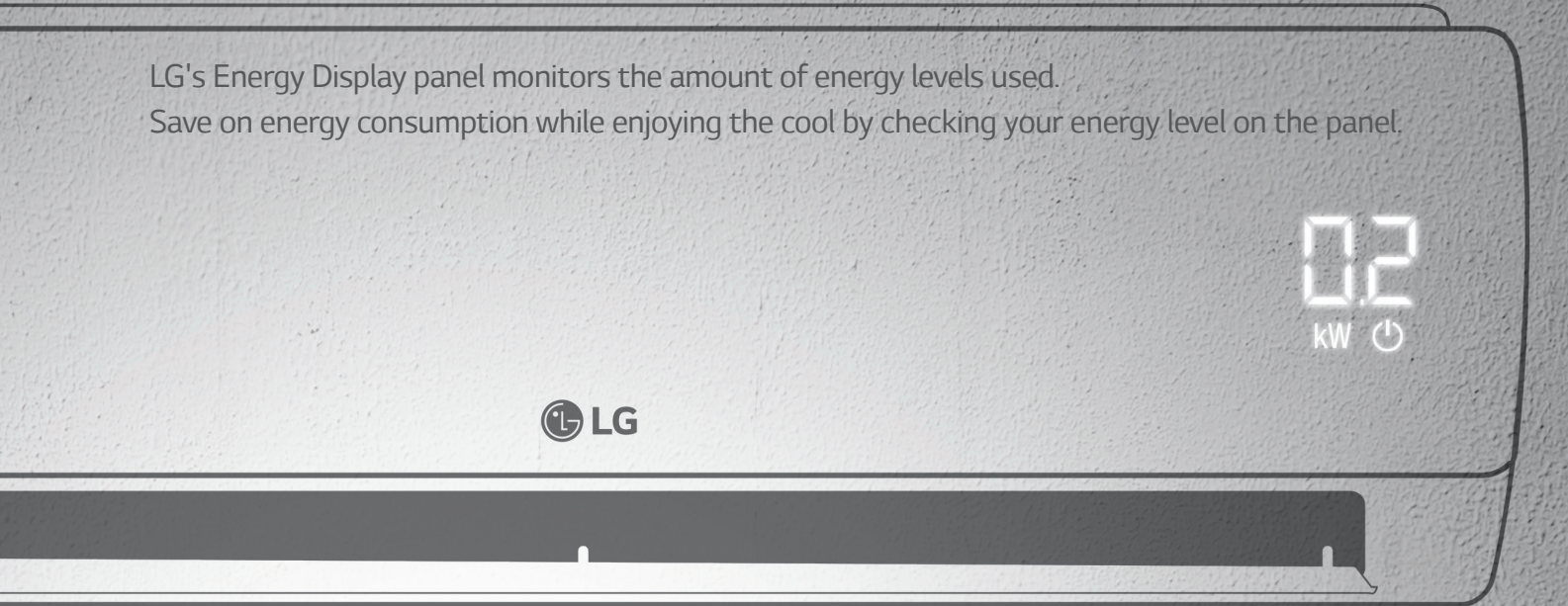
Few people without activity.





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.



Monitors Energy Consumption

* Specifications may vary for each model.

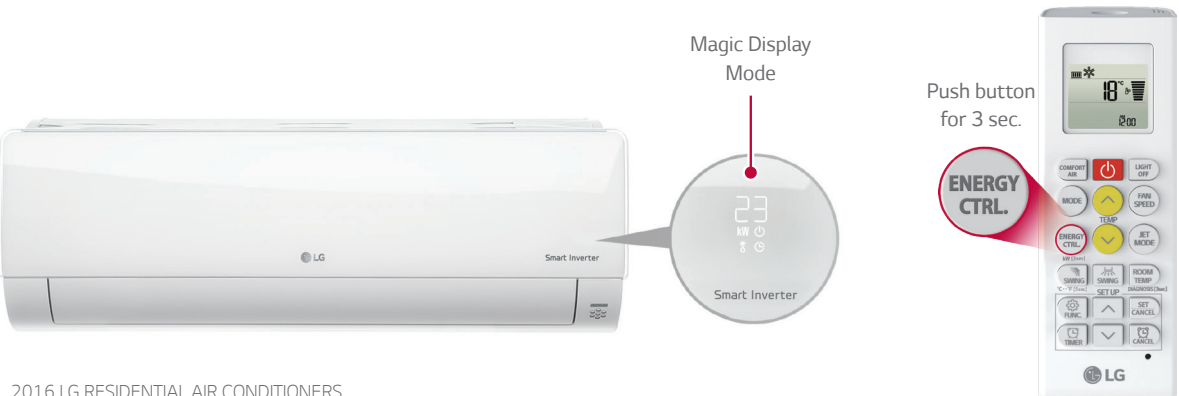
Pain Point

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

How it Works

Magic Display & Remote Control

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.



Benefit

Nomal Mode

Current Setting Temp



Electric Power

Displays Current Energy Use



Additional Benefit

Fan Speed

Display	Speed
F5	High
F4	Medium-High
F3	Medium
F2	Medium-Low
F1	Low

Sleep Mode



For example, setting 1hr

Fast Cooling & Heating

No matter how hot it is outside, LG air conditioners distribute cool air fast, reaching every corner of the room with the powerful cooling performance to cool even large rooms faster.

Fast Cooling

The cool airflow reaches all the corners of the room, keeping the space cool and comfortable.

4 Way Swing

Cool air reaches out to all directions and each corner of the room regardless of where the air conditioner is installed.

Jet Cool

LG air conditioners provide optimized high-speed airflow, which can cool rooms faster while delivering cool air evenly in every direction.

Power Heating

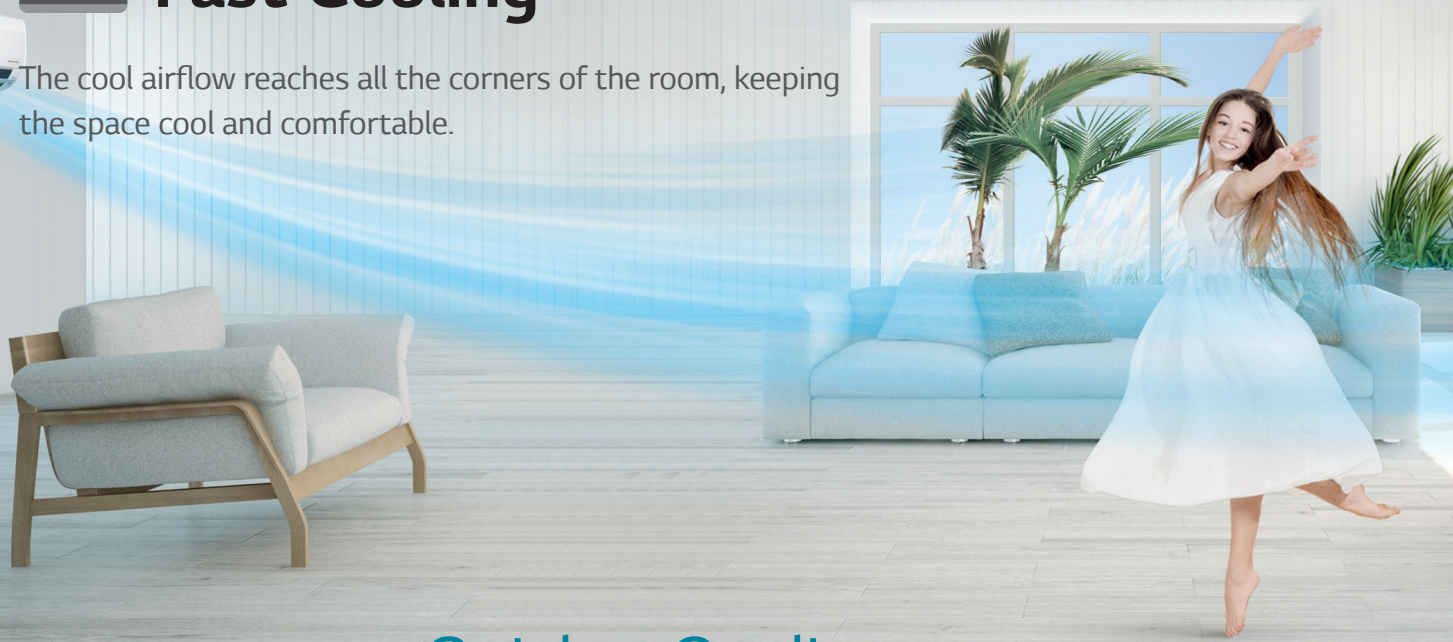
LG Residential Air Conditioners satisfy your heating needs while consuming less energy, by heating a wider space in a shorter period of time to create a warm and comfortable living environment.





Fast Cooling

The cool airflow reaches all the corners of the room, keeping the space cool and comfortable.

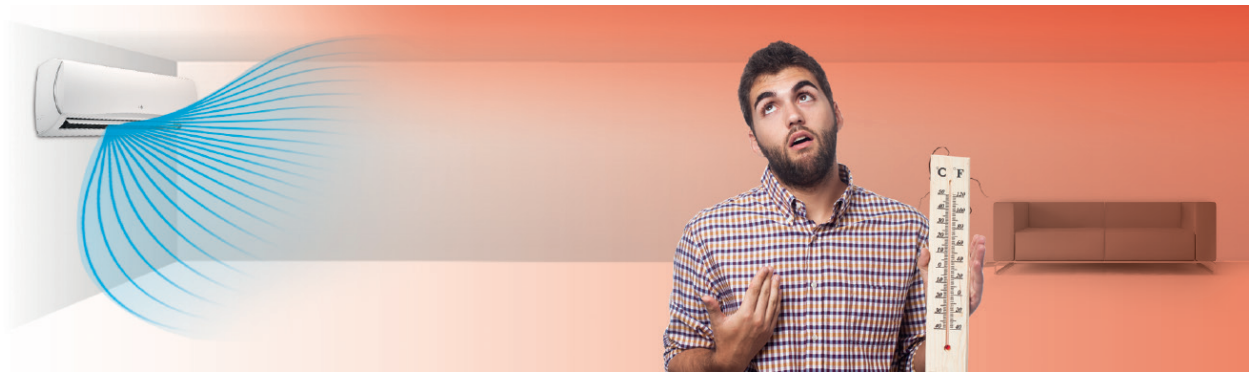


Quicker Cooling
2 Times Faster

* Specifications may vary for each model.
* Depending on the experimental conditions.

Pain Point

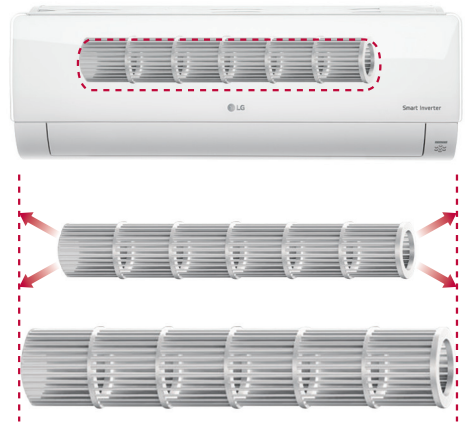
Most conventional air conditioners can take a long time to cool a room, leaving you hot and sweaty.



How It Works

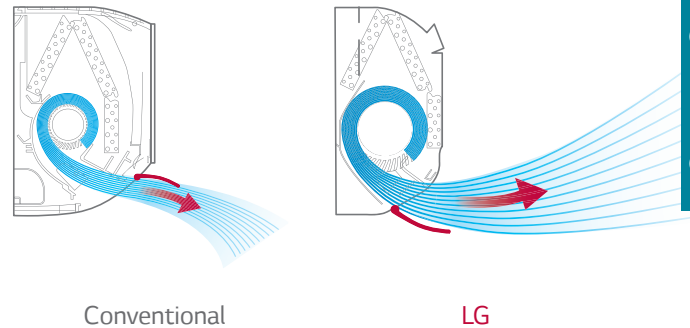
Bigger Skew Fan

A 25% larger skew fan expels more powerful blasts of air.



Cooling Outlet

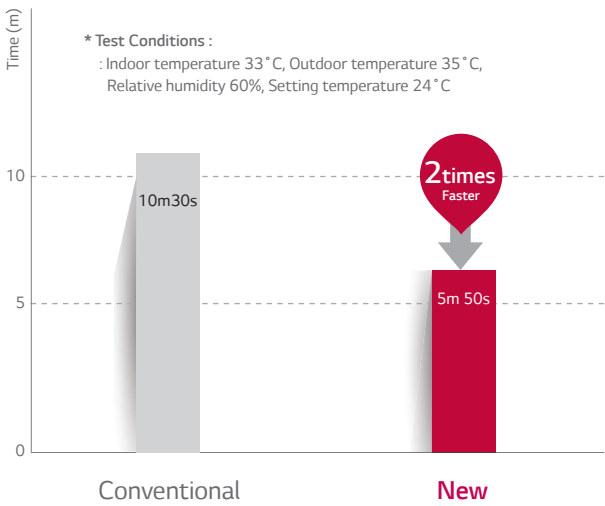
A larger, optimally designed cooling outlet expels air farther and cools spaces faster.



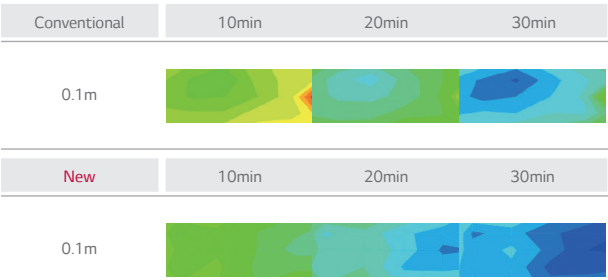
Fast Cooling & Heating

Test Result

Test Result



Changes in Temperature Over 30 Minutes



* Test Conditions : Outdoor temperature : 35°C / Indoor temperature : 33°C
/ Humidity: 60% / Remote control: 24°C High



4 Way Swing

Cool air reaches out to all directions and each corner of the room regardless of where the air conditioner is installed



* Specifications may vary for each model.

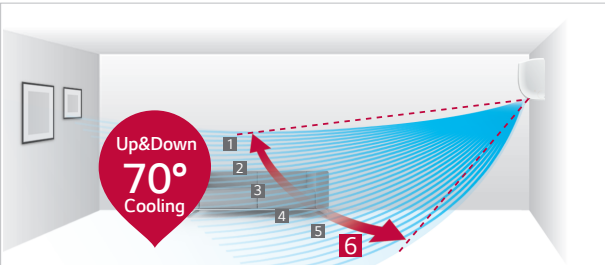
Pain Point

Air conditioners with vanes that only move up and down are unable to suitably cool all areas of a room.

How It Works

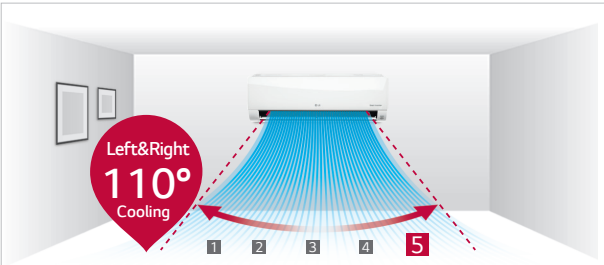
6-Step Vane, Control up to 70°

The vertical vane, which moves up and down, has 6 different settings including full-auto swing.



5-Step Louver, Control up to 55°

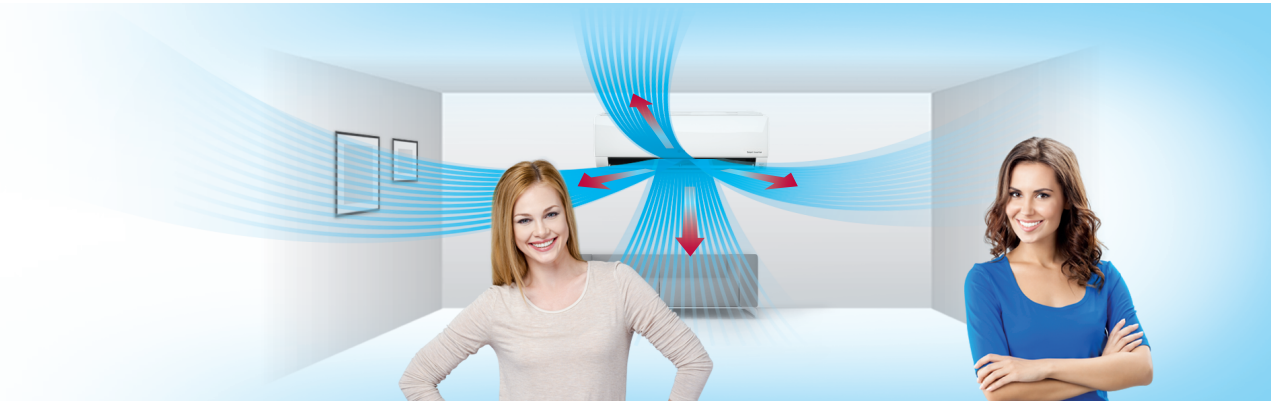
The louver, which sways left and right, has 5 different settings including full auto-swing.



Benefit

4 Way Swing

4 Way Swing disperses cool air quickly and effectively in multiple directions to each corner of a room.



Jet Cool

LG air conditioners provide optimized high-speed airflow, which can cool rooms faster while delivering cool air evenly in every direction.



* Specifications may vary for each model.
* Depending on the experimental conditions

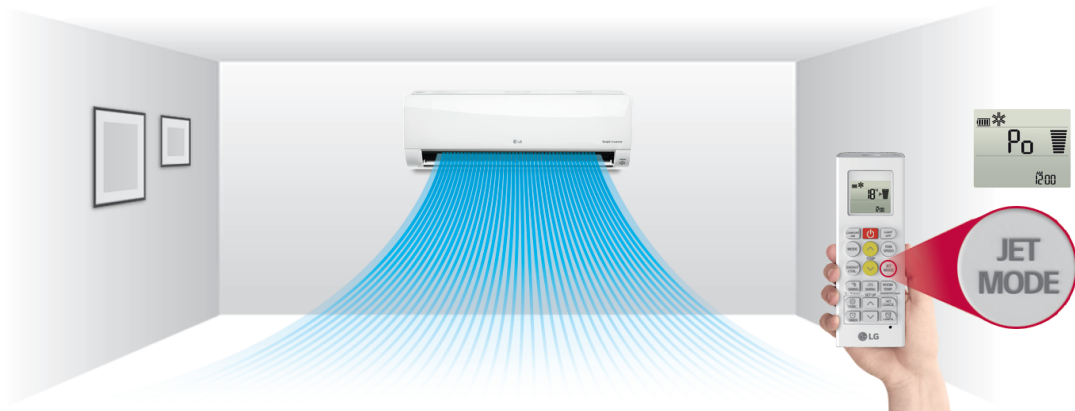
Pain Point

Most air conditioners require you to push a button several times to set the temperature to 18°C, an inconvenience when you need fast cooling power.

How It Works

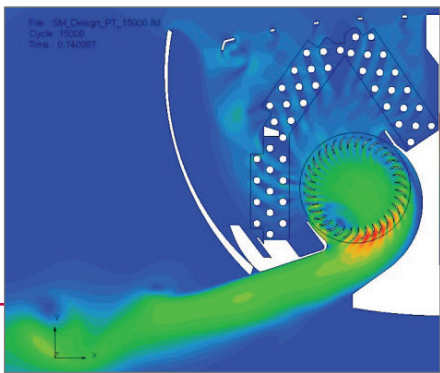
One Click “Jet Mode”

Reduces the temperature of outflowing air to 18°C for 30 minutes with just one click.



More Powerful Performance

By reducing the second vortex, which decreases airflow within the air outlet, and enlarging the fan size, the amount of airflow is increased to 15.5 CMM.





Fast Heating

LG Residential Air Conditioners satisfy your heating needs while consuming less energy, by heating a wider space in a shorter period of time to create a warm and comfortable living environment.

Quick Heating for Large Spaces



* Specifications may vary for each model.
* Depending on the experimental conditions.

Pain Point

Slowly heating a room uses a lot of energy and can be a big inconvenience, especially if you want to feel warmer fast.



How It Works

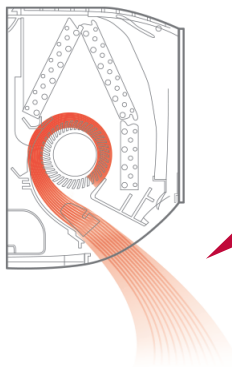
4 way Auto Swing (Easy Airflow Control)

4 Way Auto Swing adjusts airflow based on the surrounding environment, allowing for optimal distribution of warm air to living areas and enabling quick heating.



Vertical Airflow

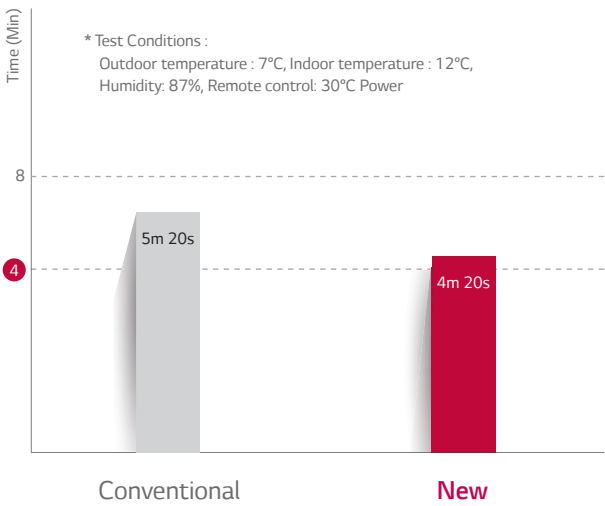
When heating, the vane sends heated air downwards to maintain a pleasant and balanced room temperature.



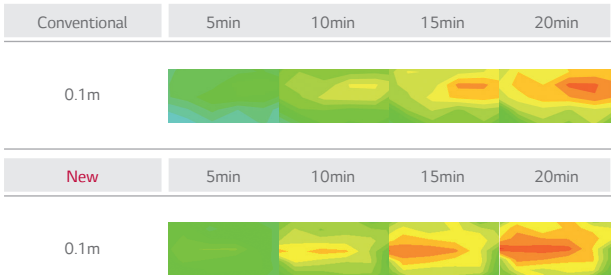
70° Vertical Airflow

Benefit & Test Result

22% Quick Heating



Changes in Temperature Over 20 Minutes



* Test Conditions : Outdoor temperature : 7°C / Indoor temperature : 12°C
/ Humidity: 87% / Remote control: 30°C Power

Extreme Durability

The combination of LG's compressor and the gold fin in the exterior unit contributes in the improved durability of LG air conditioner.



10year comp warranty

10 years warranty of Inverter compressor reflects the confidence that LG has in the reliability of its top-of-the-line residential air conditioners.



Gold Fin™

Cool air reaches out to all directions and each corner of the room regardless of where the air conditioner is installed.



10-Year Inverter Compressor Warranty

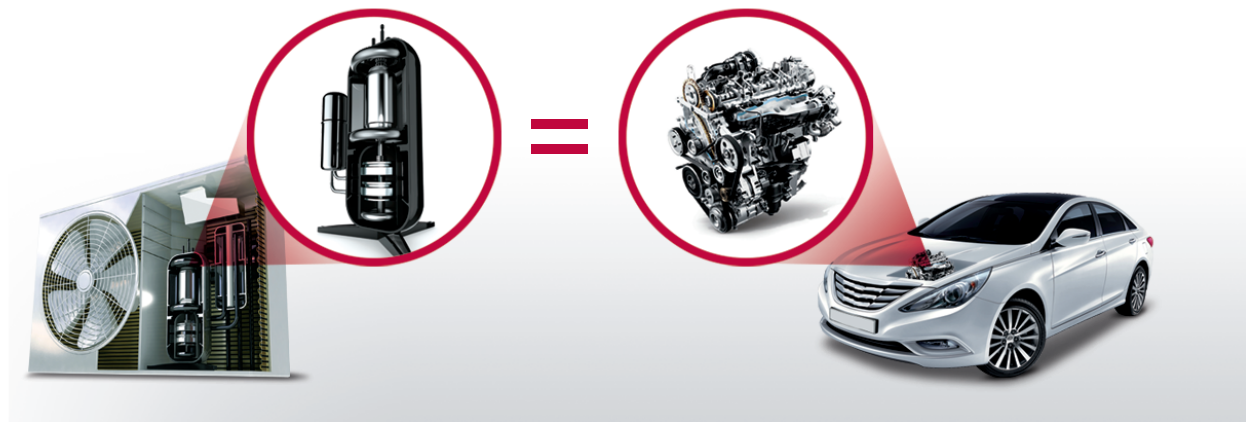
LG, with confidence in product quality, presents better lives for customers by providing 10 years warranty for Inverter Compressor of Air conditioners.



* Specifications may vary for each model.

What is the 10 Year Warranty?

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

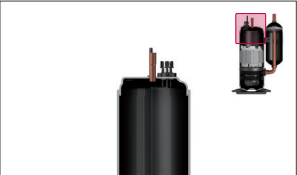


How It Works

Innovation in Compressor Structure

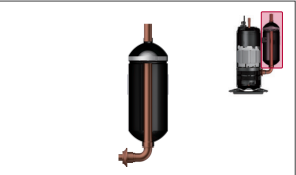
Parts of the compressor have been improved to allow for a longer life span.

Flow Optimization



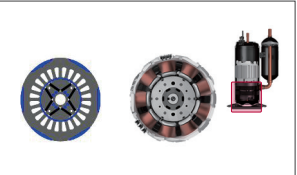
Reduced oil inflow by increasing the length of oil discharge pipe, which leaves enough oil inside the compressor to prevent compressor abrasion.

Suction Optimization



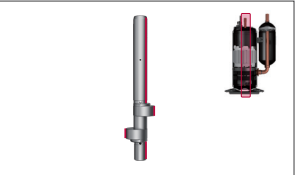
Improved oil scum and oil film thickness by reducing suction loss and improving oil collection through the optimization of suction path.

Concentric Motor



Oil path area is improved by over 50% by increasing the extra stator cavity. Due to this, caloric value of motor is reduced, improving the cooling function of stator coil.

Surface Coating



Surface coating of outstanding abrasion resistance property on vane and crank shaft.

Benefit & Certificate

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

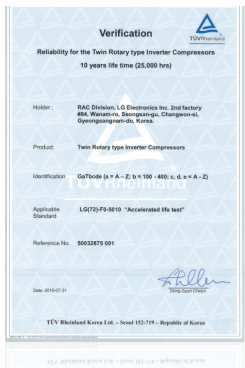
TUV Rheinland, Long Term Accelerated-reliability Test & High Marginal Test

- * 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



Single Rotary Type

Twin Rotary Type





Gold Fin™

The Gold Fin™ coating protects the surface of the heat exchanger from unnecessary wear and corrosion.

Patented Anticorrosion Coating

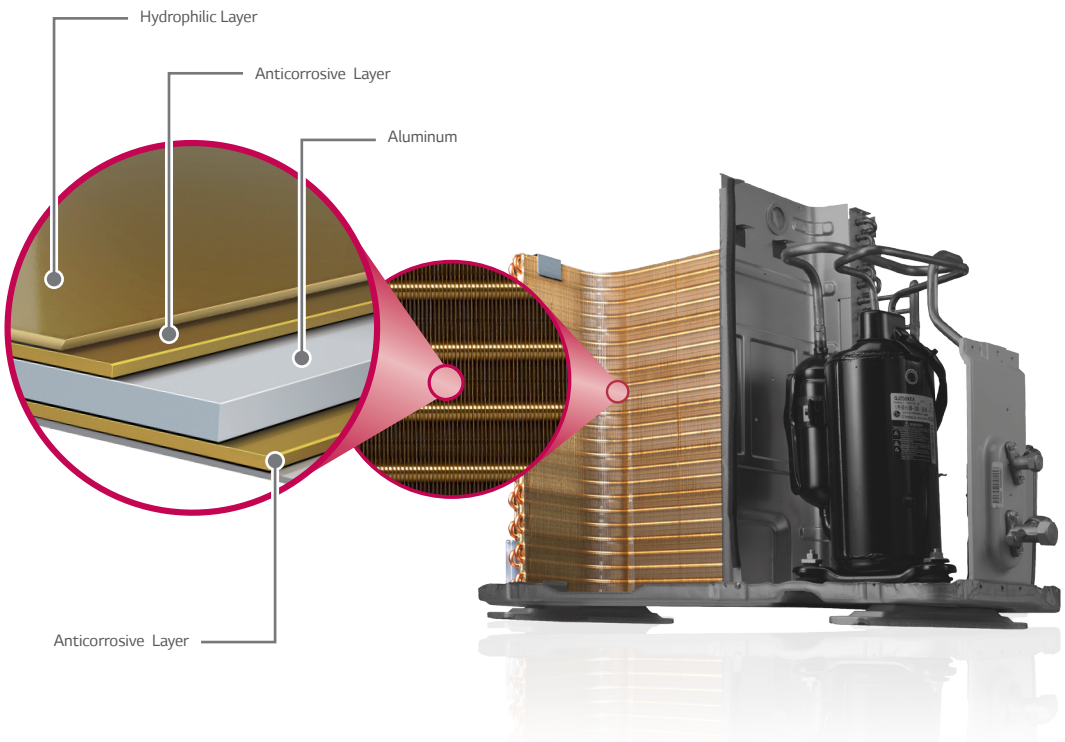


* Specifications may vary for each model.
* Depending on the experimental conditions.

How It Works

Crosscut View of Heat Exchanger

The gold-colored special coating on the fin of the heat exchanger prevents corrosion, extending the life of the unit.



Extreme Durability

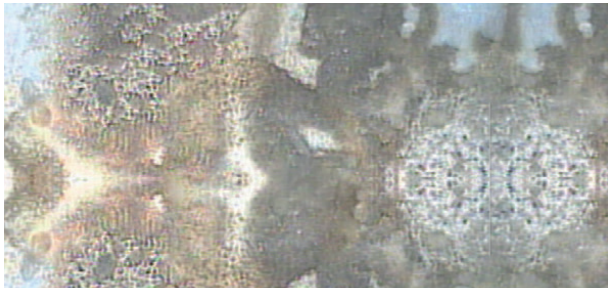
Pain Point

Sand and dirt can blow into and damage an air conditioner, causing it to breakdown and decreasing the life of the product.

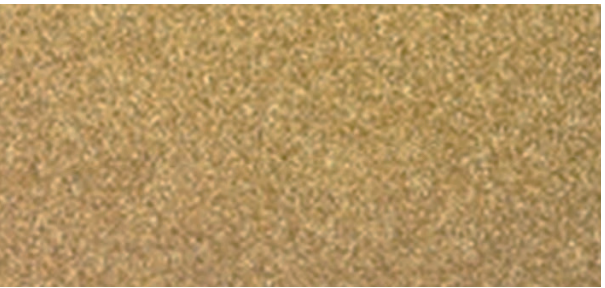


Test Result

Conventional Fin



Gold Fin™



* Test result 360 hrs. after being exposed to sodium chloride

Perfect Healthcare

Various filtration systems, Dust protection, and 3M filter, purify the polluted air, Plasmaster Ionizer Plus reduces the odors and refreshes the room air to be clean and healthy air. When the air conditioner stops, it automatically dries off itself and keeps in clean and fresh.



LG's Plasmaster Ionizer Plus produces sterilizes over in the air and also surrounding surfaces for a safer, cleaner environment.



The interior of the air conditioner is maintained clean by drying off the heat exchanger, then sterilizing the interior once more.



Micro Dust Filter Powered by 3M Tech is high air flow filter with low noise, collects harmful microscopic substance including pollen and fine dust.



The Dual Protection filter attracts and collects micro-dust and bacteria.



Plasmaster™ Ionizer^{PLUS}

The powerful plasma ionizer protects you from odors and harmful substances in the air with over 3 million ions to sterilize not only the air passing through the air conditioner, but also surrounding surfaces for a safer, cleaner environment.



Sterilizes Up to 99.9% Bacteria & Deodorizes

* Specifications may vary for each model.
* Depending on the experimental conditions.

Pain Point

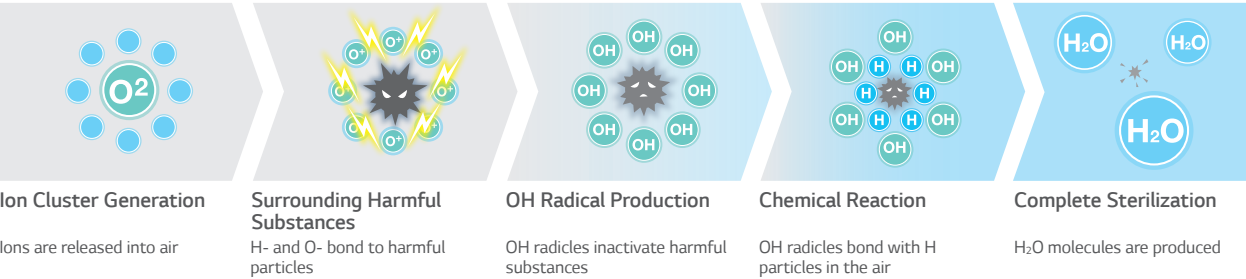
Homes often contain countless harmful microscopic airborne particles that can adversely affect your health.



How It Works

Sterilization and Deodorization (Utilizes Over 3 Million Ions)

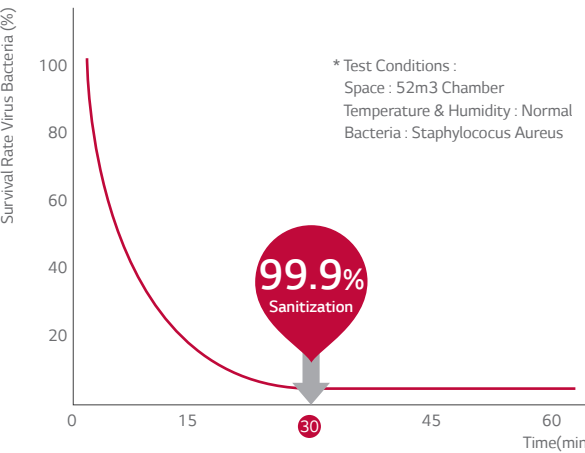
Plasmaster Ionizer+ reduces harmful microscopic particles by infusing the air passing through the air conditioner with over 3 millions ions.



Test Result

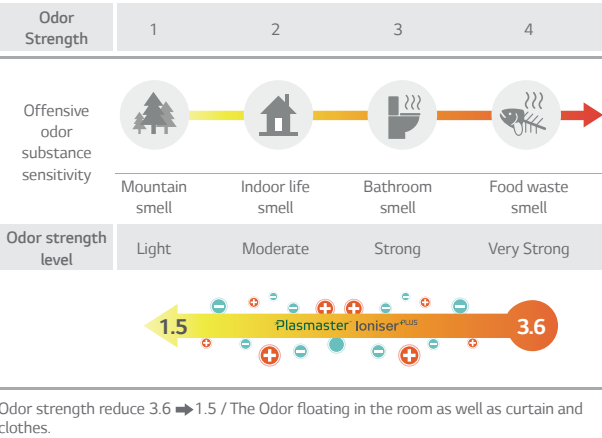
Sterilization Performance Evaluations

Sterilize Bacteria (E.coli colon bacillus) over 99.9% in 30 min.



2.1 odor strength decrease in 60 minutes

An odor of strength 2 or less indicates that there is odor but no sense of displeasure (degree of odor permissible).



Certificate

Certificate

Intertek Laboratory, Verification Certifying of Antibacterial Function of Plasmaster Ionizer+ / Ionizer





MiCRO Dust Filter

Powered by 3M Tech

The Micro-Dust Filter, a high-airflow, low-noise filter, employs a strong electrostatic charge on its surface to attract and trap harmful microscopic substances including pollen and fine dust, which are known to cause respiratory diseases.



What is the MiCRO Dust Filter?

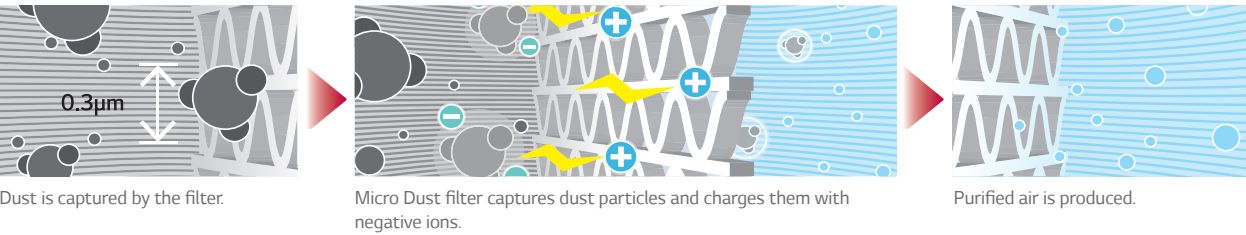
The Micro Dust Filter captures and eliminates harmful micro-particles, including bacteria and dust, in order to deliver fresh, clean air.



How It Works

0.3µm Micro Dust Filtering

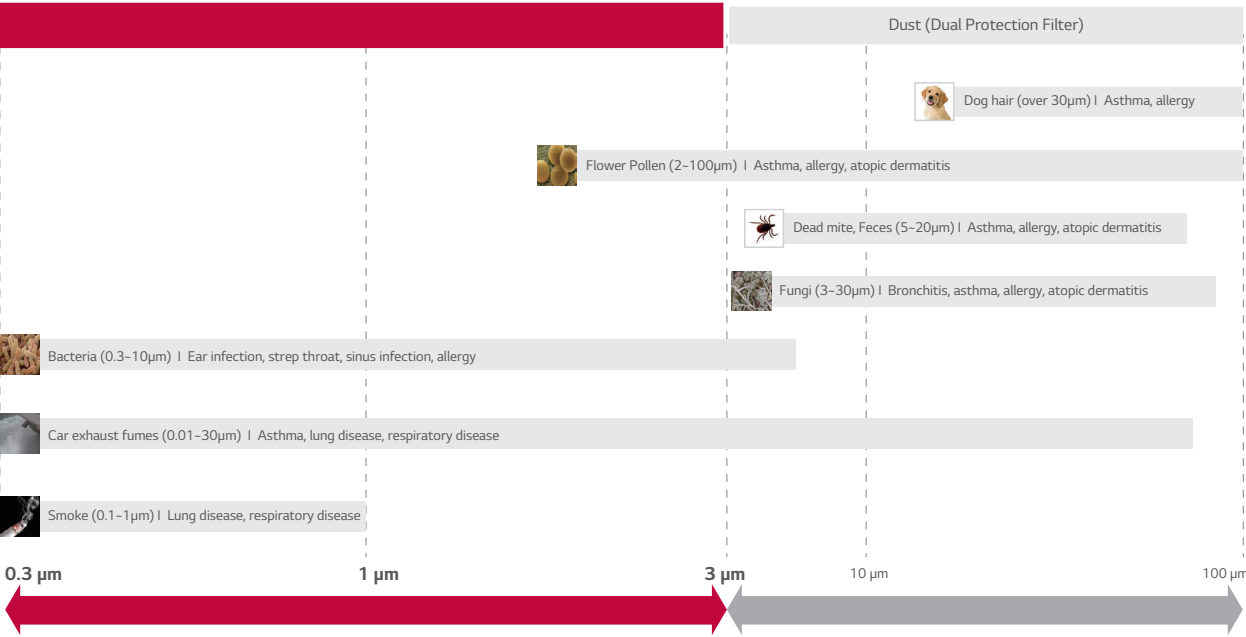
A Micro-Structured Surface Filter is better at capturing small dust particles without limiting outflowing air. An Electrostatic Surface Filter is better at collecting dust.



Benefit

Eliminates Allergens and Disease-Causing Particles

Cleans and makes air fresh by removing microscopic particles as small as 0.3µm in size.





Dual Protection Filter

The Dual Protection Filter collect dust and bacteria.



Filters
Dust and Bacteria

* Specifications may vary for each model.
* Depending on the experimental conditions.

What is the Dual Protection Filter?

The Dual Protection Filter, designed to capture dust particles over 10µm in size, is the first line of defense against finer particles and bacteria.



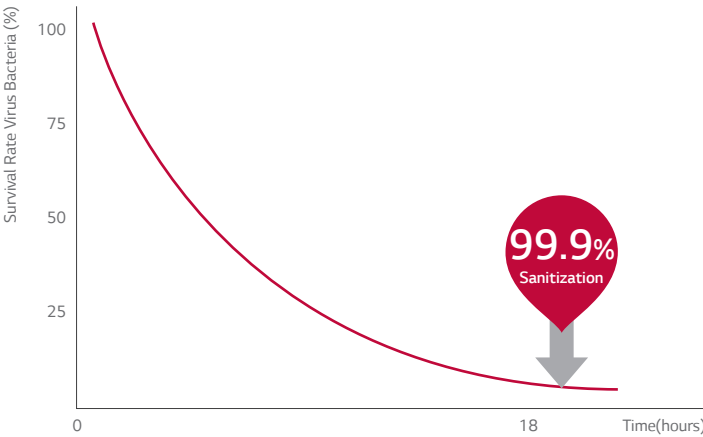
Dust over 10µm

Bacteria

Test Result & Certificate

Bacteria Removal Test

Dual Protection Filter eliminates up to 99.9% of bacteria from the air in 18 hours.



Certificate

Fiti, Verification Certifying of reduction in bacteria



Additional Benefit

Easy to Open

The simple full surface cover is detachable to make cleaning the air-conditioner much easier.



Easy to Clean

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



Perfect Health Care



Auto Cleaning

The interior of the air conditioner is maintained clean by drying off the heat exchanger, then sterilizing the interior once more.

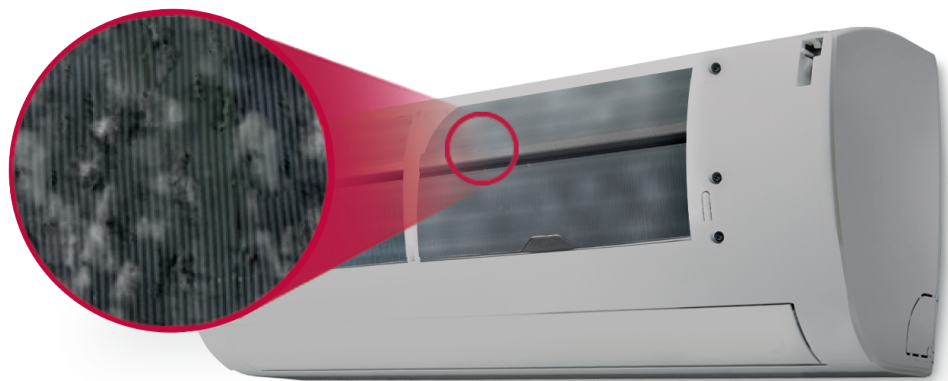


Internal Sterilization

*Specifications may vary for each model.

Pain Point

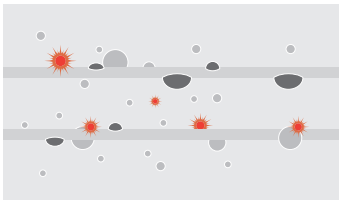
The main cause of odor within air conditioners is mold and bacteria growing on the heat exchanger. These germs can spread when the heat exchanger is wet.



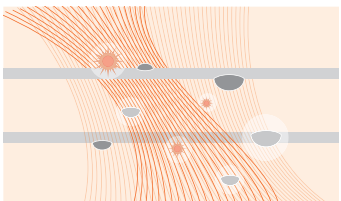
How It Works

Cleans Filter with Regular Airflow

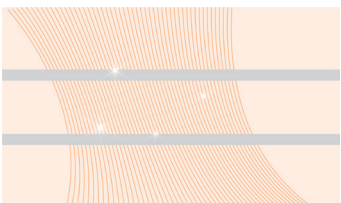
The comprehensive auto cleaning function prevents the formation of bacteria and mold on the heat exchanger, providing a more pleasant and comfortable environment.



By eliminating the humidity and bacteria left in the air conditioner, the auto cleaning function removes all substances that might be harmful to human body.



The indoor environment remains odorless with the advanced deodorizing function.



By preventing the polluting of the heat exchanger by various germs and bacteria, the cooling performance and longevity of the air conditioner remains unchanged even after 10 years of usage.

Benefit

Removes Harmful Particles

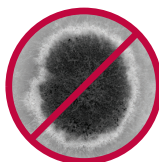
Auto Cleaning provides clean air by eliminating bacteria, mold and odors that can otherwise accumulate in an indoor unit.



Bacteria Elimination



Odor Elimination



Mold Elimination

Comfort

LG air conditioners provide the most comfortable environment by operating at the world's lowest noise level with easy and efficient installation.



Comfort Air

Two different vane angles manage perfect temperature and comfort air volume by how many click the button.



Low Noise 19dB

LG's technology eliminates unnecessary noise and allows for smooth operation at the lowest sound level.



Silent Mode 3dB

In silent mode, the overall sound level of the outdoor unit is lowered by up to 3dBA.



Quick & Easy Installation

LG air conditioner is designed for easy installation





Comfort Air

LG provides soft and comfortable air to your living space.
An automatic vane angle adjustment sets perfect vane angle and air volume.

Healthier, More Pleasant Air

* Specifications may vary for each model.

Concept

Having the air conditioner turned on while asleep can lower body temperature or cause discomfort, especially if the outflowing air is blowing directly onto a room’s occupants. Comfort Air adjusts vane angle to prevent this, providing ultimate sleeping comfort.

Benefit

Convenient Control

Enjoy utmost comfort in just one click.

Cool and Healthy Air

Prevents sudden drops in body temperature.



How It Works

Control Panel



Remote Control

Comfort Vane

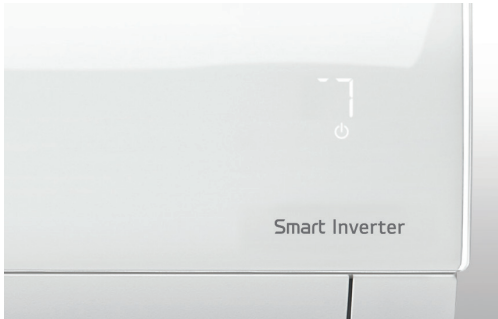
This option conveniently sets an AC's louvers to a preset position so that outflowing air is directed away from a room’s occupants.

Scene 1: Inclines to a maximum 70° angle.



- Sets vane angle to highest position.
- Cooling & heating without uncomfortable airflow.
- Optimized for gentle airflow cooling.

Indoor Unit Display

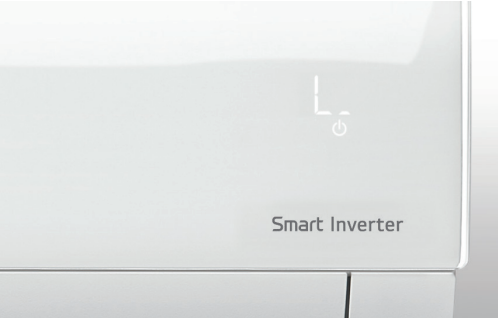


Scene 1

Scene 2: Declines to a maximum 0° angle.



- Sets vane angle to lowest position.
- Cooling & heating without uncomfortable airflow.
- Optimized for gentle airflow heating.



Scene 2



Low Noise

LG Air Conditioners operate at 19dB low noise level, moreover provide healthy soft air by just 1 touch.



* Specifications may vary for each model.

Pain Point

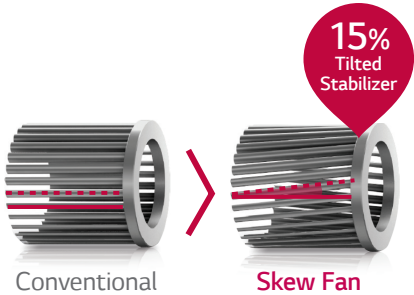
Air conditioners can sometimes disrupt living environments if they are too noisy, especially during the night when their sound is more easily heard.



How It Works

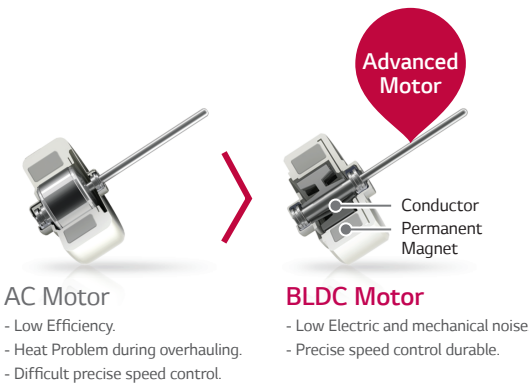
LG's Unique Skew Fan

By minimizing the surface pressure of the fan blade when in contact with the air peak noise are reduced to a level that is among the lowest in the world.



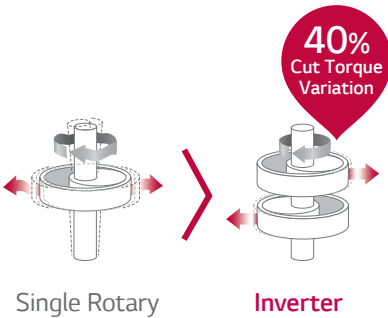
BLDC Fan Motor

With strong torque and powerful ND magnetism as well as precise speed control of 13 different steps for smooth operation, the BLDC motor provides substantial air volume and high static pressure, while keeping electrical and mechanical noise lower, and making high-speed operation available.

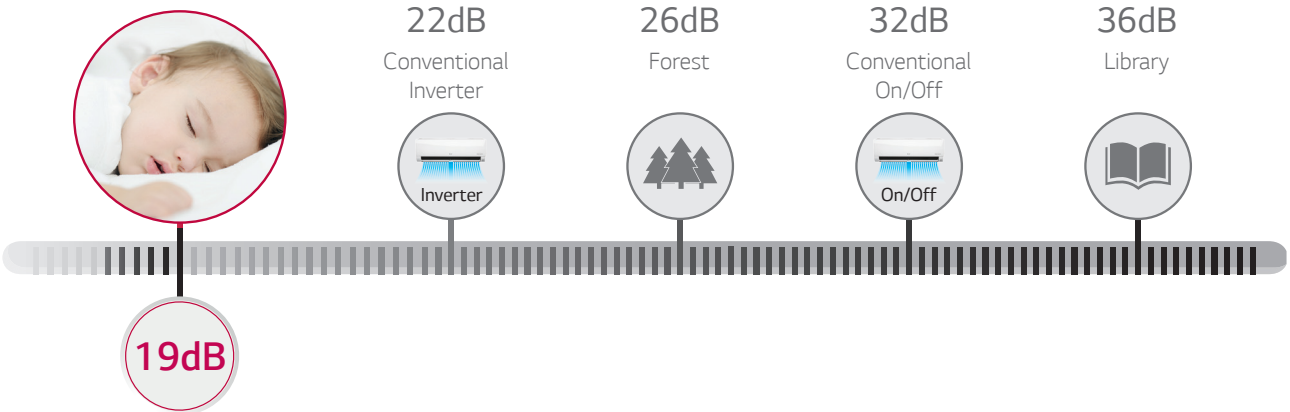


ALVC (Active Low Vibration Control)

A speed-error component estimates the load to compensate for imbalances, which are the primary causes of vibration and noise, enabling the rotation of the motor without vibration at low Hz levels.



Benefit





Silent Mode

Silent mode insures a quieter, more peaceful experience for the user by reducing peak noise levels when you're ready to rest.



Reduces Noise by
3dB

* Specifications may vary for each model.
* Depending on the experimental conditions.

Pain Point

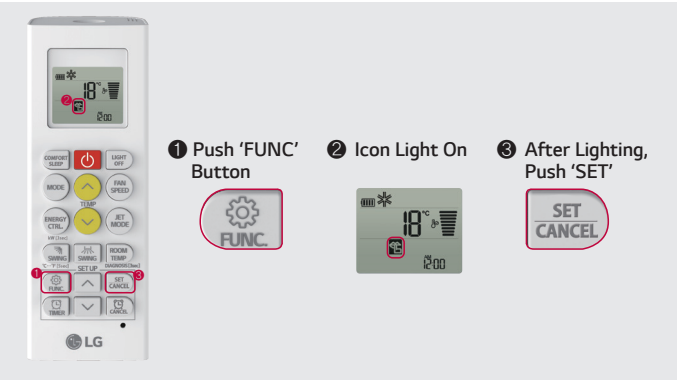
Excessive noise from an air conditioner's outdoor unit can disturb and prevent your need for a restful sleep.



How It Works

In Silent Mode, the overall sound level of the outdoor unit drops by up to 3dB and the sound level of the indoor unit also decreases.

Press the Silent Button

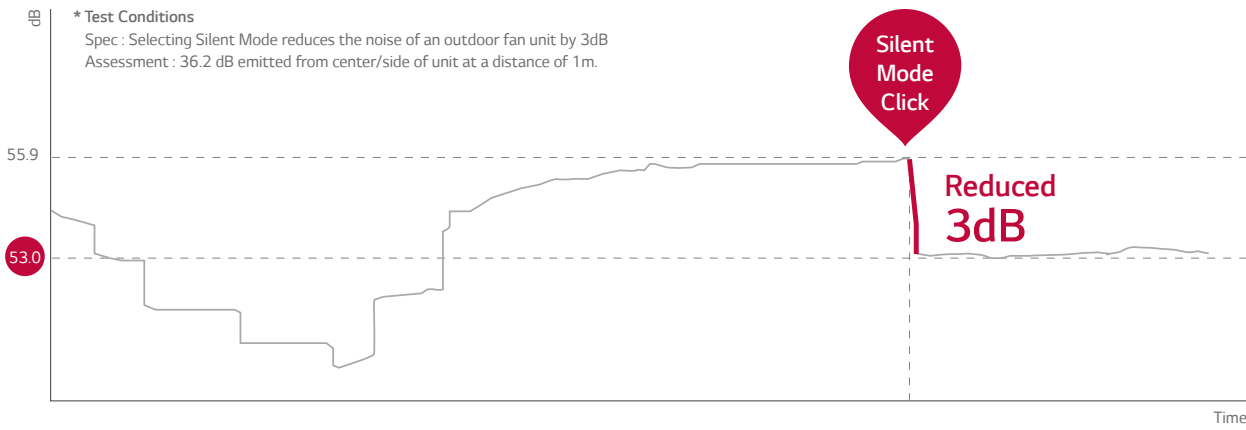


Controls the Outdoor Compressor



Test Result

Noise Comparison Graph



Comfort



Quick & Easy Installation



LG air conditioner is designed for an easy and efficient installation, making possible to install several units in a short period of time

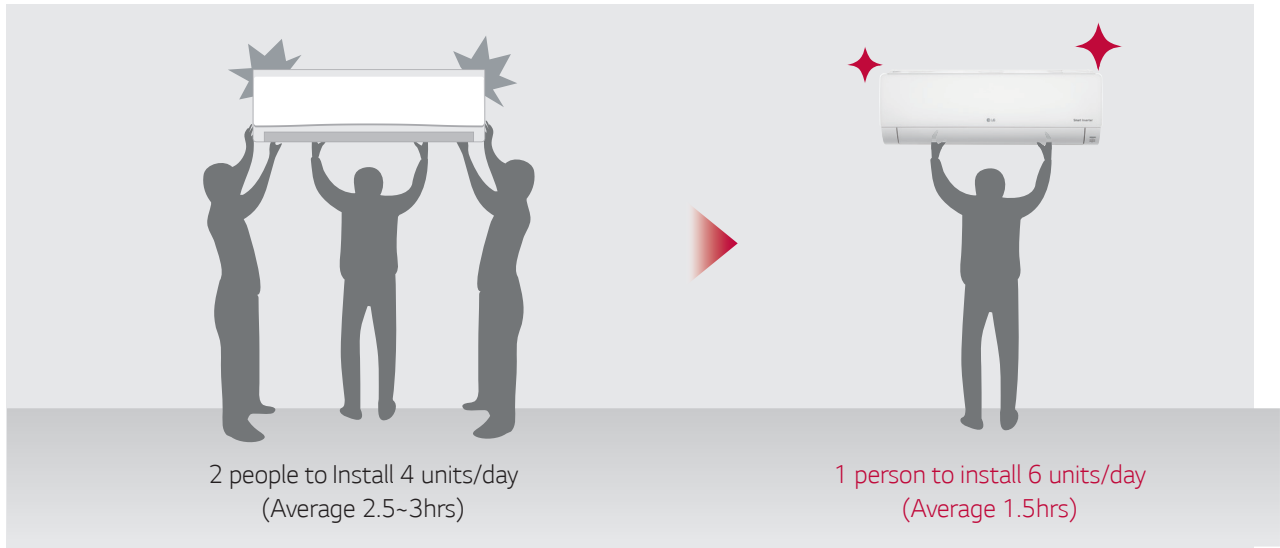


Easy to Install

* Specifications may vary for each model.

Concept

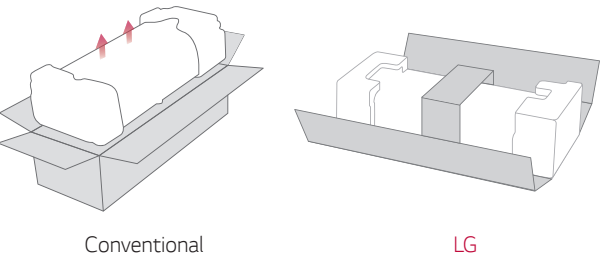
By reducing the manpower and time required for installation, it is now possible to install more units in less time.



Search "LG Quick & Easy Installation" on Youtube.

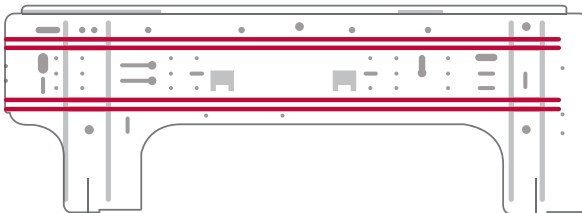
How It Works

One Simple Packing Box



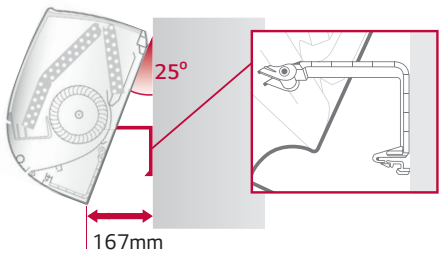
Installation Plate Improvement

LG's installation plate is larger and customized to reduce installation time.



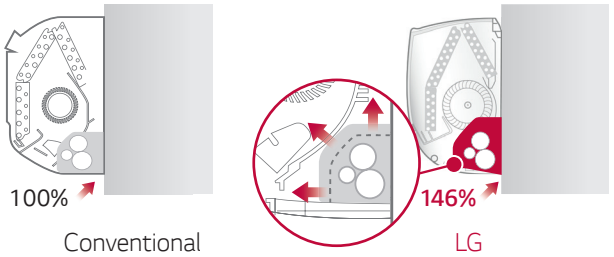
Installation Support Clip

A support clip creates adequate space between the wall and the unit for easier installation.



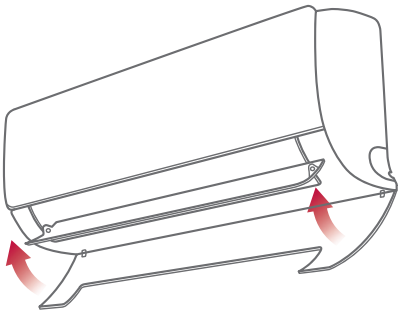
Wider Tubing Space

The space provided for tubing facilitates the whole installation process and hides the unorganized parts, making it appear clean and tidy.



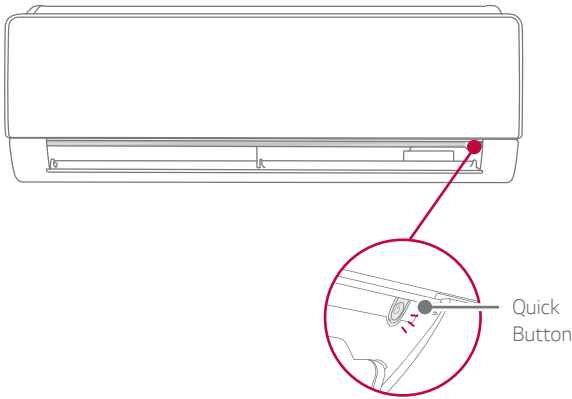
Detachable Bottom Cover

The air conditioner's bottom cover is detachable for easier installation and access.



Quick button for running test

The test button is conveniently located and easy to find.



Smart

Whenever and wherever, access and control the air conditioner by LG's Smart technologies.

Optional



Wi-Fi
Ready

Control your air conditioners via using the smart internet devices as Android or iOS based smartphones. This advanced technology provides you the best convenience.



SIMs

By connecting SIMs chip, you can check the status of your air conditioner and diagnose problems.



Smart
Diagnosis

Smart Diagnosis allows you to check setup, installation, troubleshooting and other information conveniently by your smartphone.



Low Refrigerant
Detection

Early notification of low refrigerant level with LG technology.





Wi-Fi Ready

Control your air conditioners via using the smart internet devices as Android or iOS based smartphones. This advanced technology provides you the best convenience.

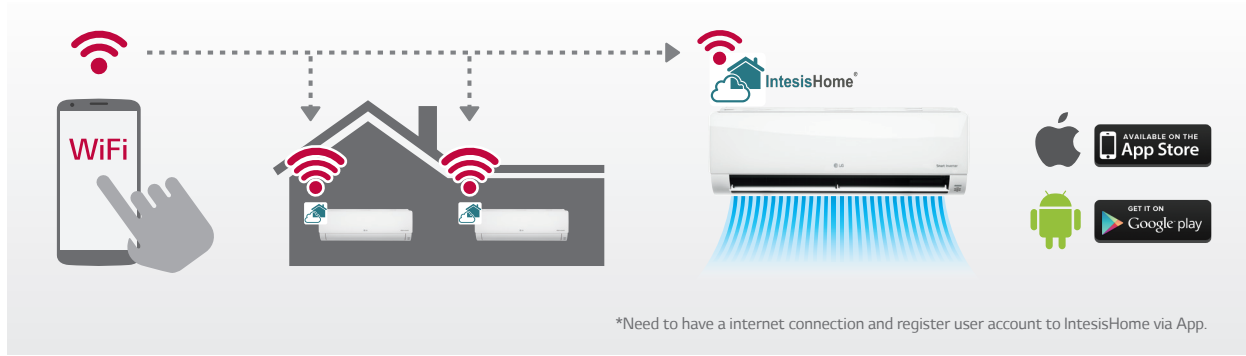


* Specifications may vary for each model.

AC Control from Anywhere

What is the Wi-Fi Ready?

Easily access and control an air conditioner's functions from anywhere.

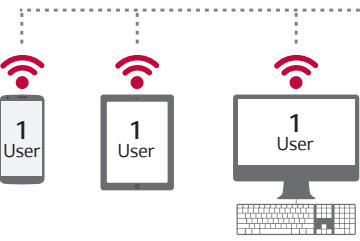


How It Works

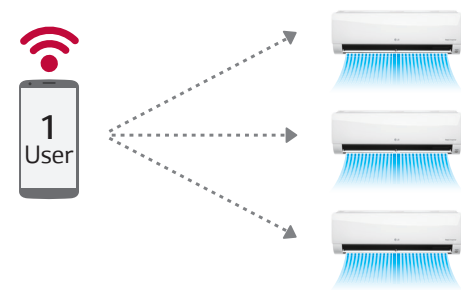
Wi-Fi Connectivity

access your air conditioner anytime and from anywhere with a Wi-Fi equipped device and LG's exclusive air conditioning control app.

Multiple Users



Multi-Control



Benefit

Improved Convenience for the user





SIMs

By connecting SIMs chip, you can check the status of your air conditioner and diagnose problems from your smartphone.

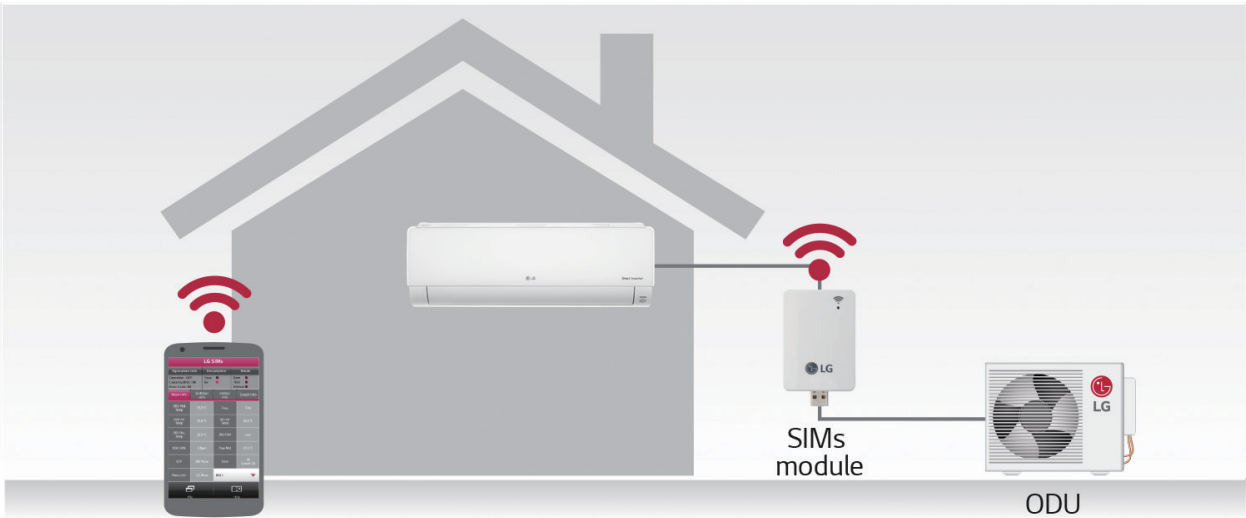


AC Status Check via Smartphone

* Specifications may vary for each model.

What is the LG SIMs?

Monitor the status of your air conditioner and diagnose problems by connecting it to a smartphone via a SIMs chip.




* SIMs: Smart Inverter Management System

How It Works


SIMS App

- 1. Use a SIMs chip to connect a smartphone to an air conditioner.
- 2. Monitor and diagnose problems in real time using the SIMs app.

Conveniently connect to ODU with USB port.



SIMs module



Outdoor Unit

Smartphone Requirements

- * iOS: 6.1 or later
- * Android: 2.3 or later



Benefit & Certificate

Easy Monitoring

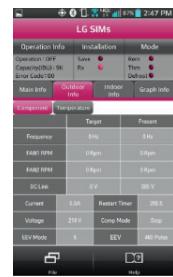
Diagnose problems anytime, anywhere with a SIMs chip.

Easy Diagnosis & Quick Response

Easily monitor IDU/ODU and diagnose problems. Save and review diagnostic data.

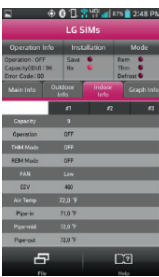
Main

- Current outdoor temperature
- Indoor temperature
- Inverter Comp frequency
- Operating opening
- Error code / Frequency limits
- Indoor, Outdoor fan speed



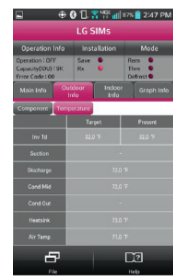
Indoor Unit

- Indoor Unit Capacity / Operation Mode
- THM mode / REM mode
- FAN operating condition / EEV opening
- Room Temperature / Suction Temperature
- Intermediate Temperature
- Exit Temperature




Outdoor Unit

- Frequency / Fan RPM
- DC Link / Input Current
- Input Voltage
- EEV operation mode
- Restart timer
- Compressor mode / EEV opening



Chart

- Room Temperature
- Heat exchanger pipe temperature
- Compressor discharge temperature
- Frequency / Outdoor temperature
- Compressor suction temperature
- Electric current / Voltage



Certificate





Smart Diagnosis

Smart Diagnosis allows you to check setup, installation, troubleshooting and other information conveniently from your smartphone.



AC Diagnosis via Smartphone

* Specifications may vary for each model.

What is the Smart Diagnosis?

Smart Diagnosis allows users to conveniently check setup, installation, troubleshooting and other information directly from a smartphone.

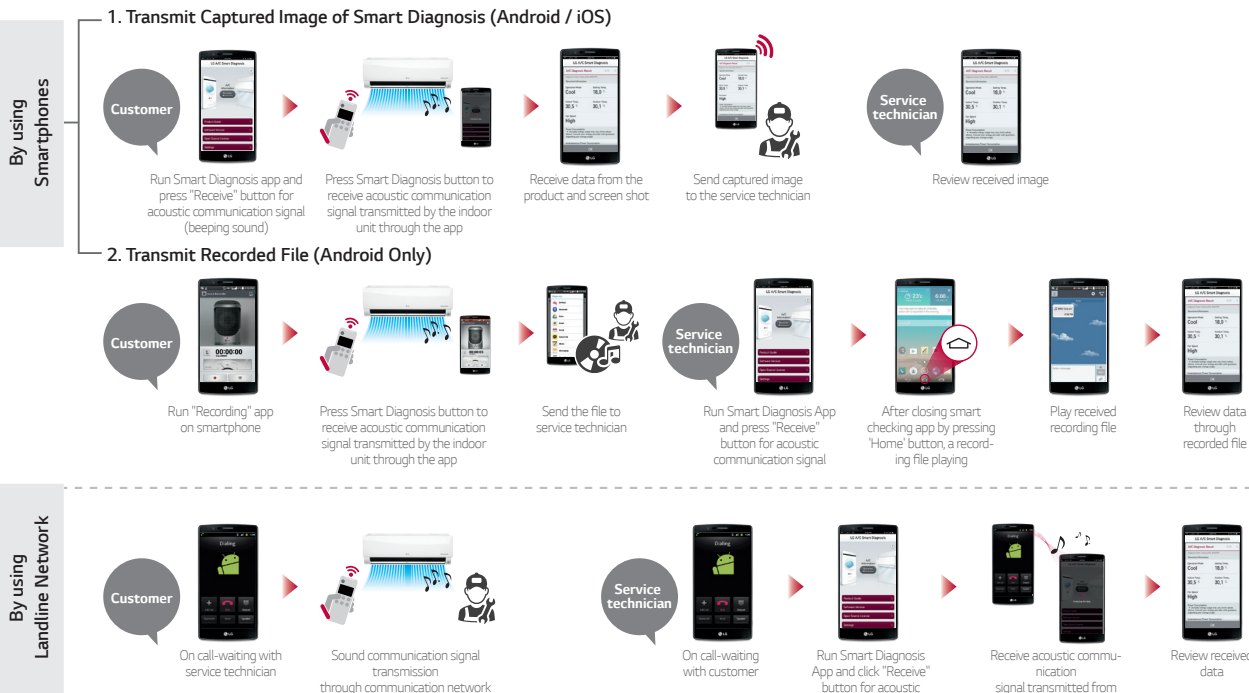
- * Builds upon widespread smartphone use and offers greater USP diversification
- * Perfect for consumers who are unable to view information about their air conditioner via a display or remote control.
- * Improves upon current NFC diagnostic functions, which are limited by transmission distances



How It Works

Using Smart Diagnosis

Pushing the Smart Diagnosis button (Pushing **ROOM TEMP** button for 5 seconds) on the remote



Benefit

Consumer Mode

- 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
- Using the Maintenance Guide helps to improve device performance and expand product life

Service Mode

- Understand the product better by easily confirming operational status and information
- Intuitively diagnose problems by comparing current and past usage data
- Maintain installation capabilities and reduce installation errors by quickly confirming device operational status





Low Refrigerant Detection

Early notification of low refrigerant protects your air conditioner from a risk of damage.



Low Refrigerant Level Notification

* Specifications may vary for each model.
* Depending on the experimental conditions.



Pain Point

An air conditioner low on refrigerant cools poorly, leaving rooms hot and uncomfortable. Not detecting the problem early enough can cause severe damage to the unit.



How It Works

Early Detection of Low Refrigerant Levels

Limits motor rotation except when the air conditioner is overloaded

- 1) Detection using the difference between air temperature and pipe temperature
- 2) Detection using the difference discharge temperature against the target discharge temperature
- 3) Detection using power consumption

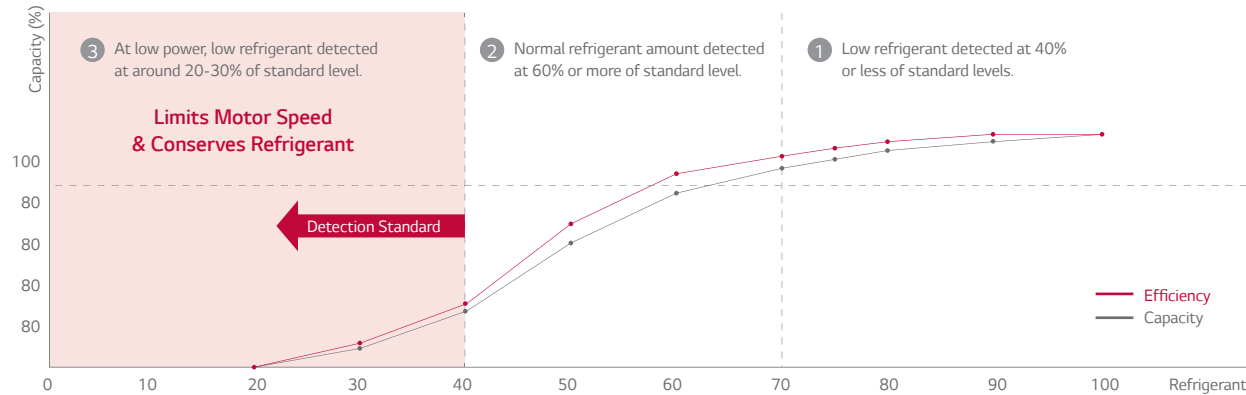


3 Signs of Low Refrigerant Levels

If the following three conditions occur for 15 minutes or longer, it is necessary to check your AC's refrigerant level.

- 1) AC stops working
- 2) Heat doesn't work
- 3) Amount of refrigerant can't be measured

Refrigerant Levels and Discharged Temperature



Benefit

Longer Lifespan for Air Conditioner



Inside Insulator Melting



Oil Fire



Rotor Burnout

Notifies You of Low Refrigerant Levels

When Low Refrigerant Level is detected, alternately shows CH and 36 on the display.



* Some models show CH and 38 alternately on the display.

Prestige
Smart Inverter

9K
H09AL
12K
H12AL



24p

Active Energy Control

32p

4 Way Swing

33p

Jet Cool

34p

Fast Heating

44p

Plasmaster Ionizer^{PLUS}

48p

Dual Protection Filter

50p

Plasmaster Auto Cleaning

56p

Low Noise 17dB

58p

Silence Mode 3dB

60p

Quick & Easy Installation

64p

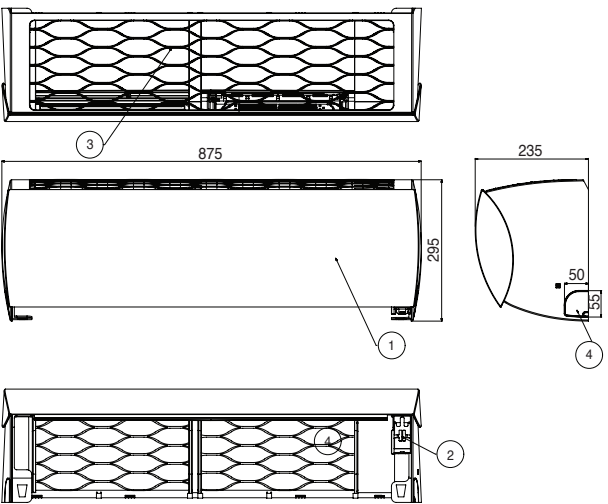
Optional

Wi-Fi Ready

Unit				9K	12K
Model Indoor Unit				ASNW096MMS6	ASNW126MMS6
Model Outdoor Unit				ASUW096MMS6	ASUW126MMS6
Indoor Unit					
Capacity	Cooling	Min/Rated/Max	W	300/2500/3800	300/3500/4040
	Heating	Min/Rated/Max	W	300/3200/6600	300/4000/6800
	Heating -7°C	Rated	W	4300	4600
Power Input	Cooling	Rated	W	490	830
	Heating +7°C	Rated	W	570	770
			W/W	5.10	4.22
EER				9.3	9.2
S.E.E.R.				2.5	3.5
P design C			kW	5.61	5.19
COP			W/W	5.3	5.3
S.C.O.P.				3.2	3.8
P design H			kW		
Energy Label	Cooling			A+++	A+++
	Heating			A+++	A+++
Annual Energy Consumption	Cooling		kWh	95	132
	Heating		kWh	855	985
Sound Pressure	Cooling	S/L/M/H	dBA	17/25/33/39	17/25/33/39
	Heating		dBA	25/33/39	25/33/39
Sound Power	Cooling	High	dBA	58	58
Air Flow Rate	Cooling	S/L/M/H	m³/min	5.0 / 8.5 / 11.5 / 14.5	5.0 / 8.5 / 11.5 / 14.5
		Max (Power)	m³/min	15.5	15.5
	Heating	L/M/H	m³/min	9.5/12.5/16.5	9.5/12.5/16.5
Dehumidification Rate			l/h	1.5	1.7
Running Current	Cooling	Rated/Max	A	2.5/6.0	3.9/6.0
	Heating	Rated/Max	A	2.9/7.0	3.7/7.0
Starting Current	Cooling	Rated	A	2.5	3.9
	Heating	Rated	A	2.9	3.7
Power Supply		Ø / V / Hz		1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		A		15	15
Power Supply Cable		N x mm²		3*1.0	3*1.0
Power & Transmission Cable		N x mm²		4*1.0 (Including Earth)	4*1.0(Including Earth)
Dimension		mm		875*295*235	875*295*235
Net Weight		kg		11.5	11.5
Fan Motor Output		W		30	30
Outdoor Unit					
Operation Range	Cooling	Min~Max	°CDB	-10~48	-10~48
	Heating	Min~Max	°CDB	-15~24	-15~24
Sound Pressure	Cooling	High	dBA	48	48
	Heating	High	dBA	48	48
Sound Power	Cooling	High	dBA	65	65
Air Flow Rate	Length (Odu/Idu)	Min	m	3	3
		Max	m	20	20
		Max	m	10	10
Piping Connection	Liquid	OD(Outside)	mm	6.35	6.35
		OD(Outside)	inch	(1/4)	(1/4)
	Gas	OD(Outside)	mm	9.52	9.52
		OD(Outside)	inch	(3/8)	(3/8)
	Drain	OD(Outside)	mm	21.5	21.5
		OD(Outside)	inch	0.85	0.85
Refrigerant	Type			R410A	R410A
	Charge at 5.0m	g		1,150	1,150
	Additional charge	g/m		20	20
Fan Motor Output		W		85	85
Compressor Type				Twin Rotary	Twin Rotary
Net Weight		kg		42	42
Dimension		mm		870*655*320	870*655*320

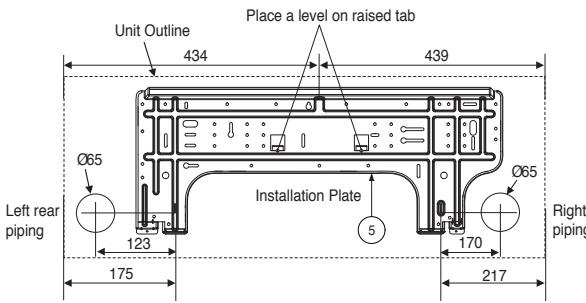
* S : Sleep / L : Low / M : Medium / H : High
** Specification, design and feature are subject to change without prior notice.

ASNW096MMS6 / ASNW126MMS6

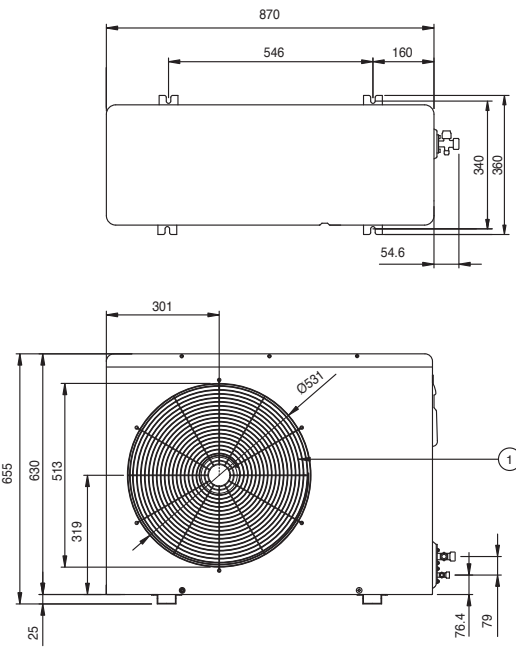


(Unit: mm)

Item No.	Part Name	Remark
1	Front Panel	
2	Display & Signal Receiver	
3	Air Suction Grille	
4	Knockout Hole	For pipe and cable
5	Installation Plate	

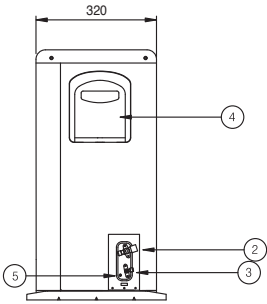


ASUW096MMS6 / ASUW126MMS6



(Unit: mm)

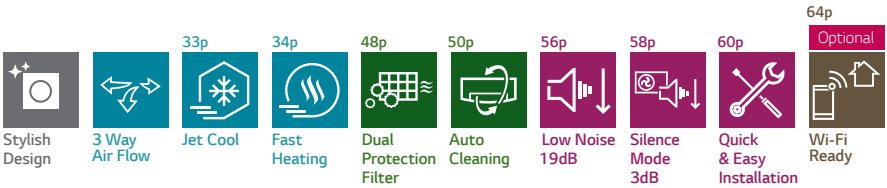
Item No.	Part Name
1	Air Discharge Grille
2	Gas Pipe Connection Port
3	Liquid Pipe Connection Port
4	Control Box
5	Earth Screw



* This product contains Fluorinated greenhouse gases (R410A).

ARTCOOL Stylist
Smart Inverter

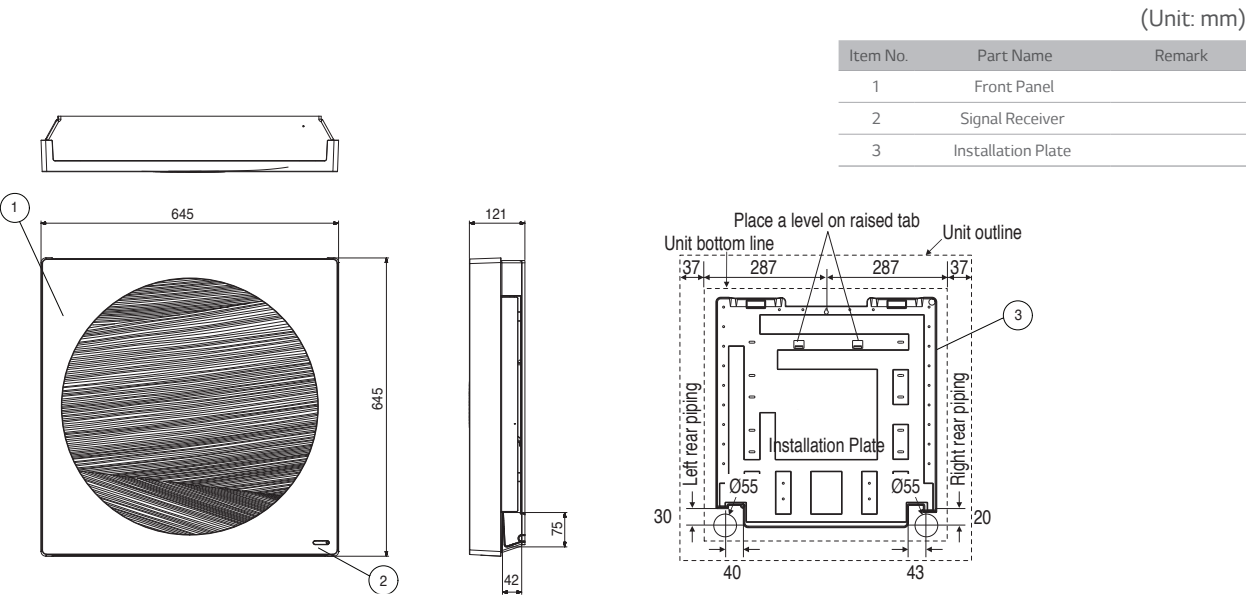
9K
G09WL
12K
G12WL



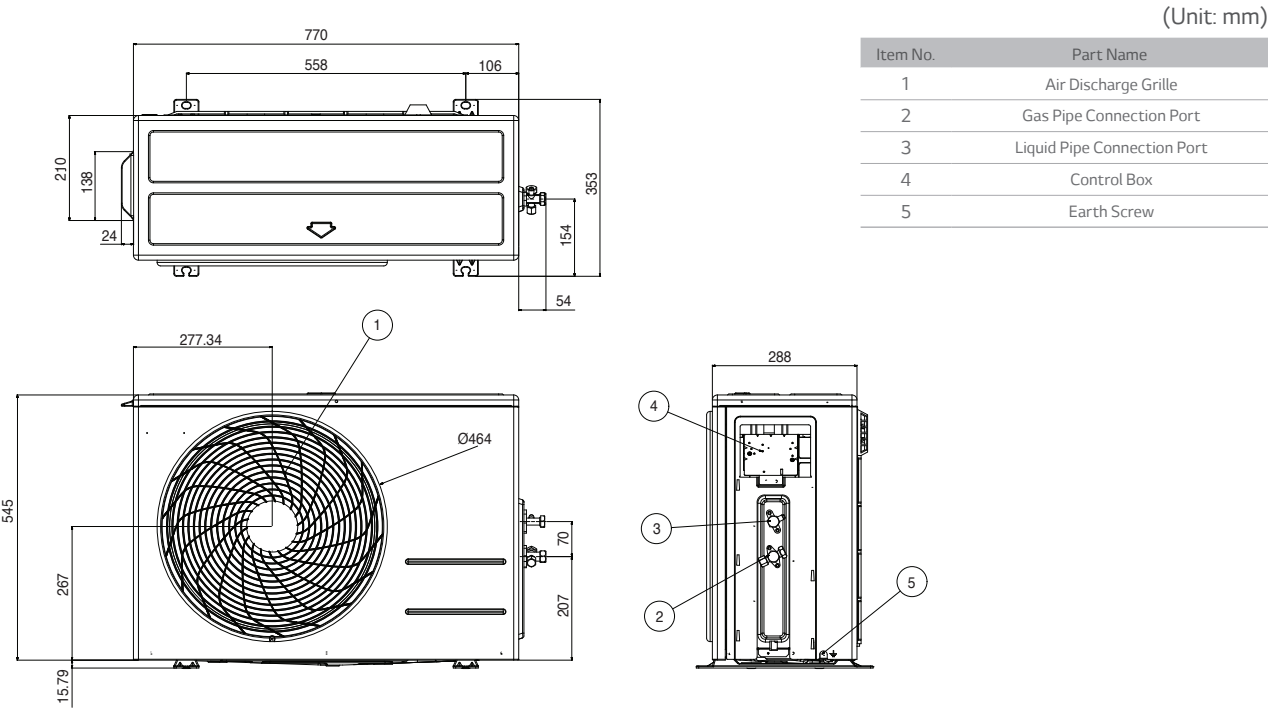
Unit				9K	12K
Model Indoor Unit				ASNW0963WB0	ASNW1263WB0
Model Outdoor Unit				ASUW0963WB0	ASUW1263WB0
Indoor Unit					
Capacity	Cooling	Min/Rated/Max	W	1300/2500/3500	1300/3500/4000
	Heating	Min/Rated/Max	W	1300/3000/4200	1300/3500/5000
Power Input	Heating -7°C	Rated	W	3200	3700
	Cooling	Rated	W	690	1090
EER	Heating +7°C	Rated	W	830	970
			W/W	3.61	3.21
S.E.E.R.				5.70	5.60
P design C			kW	2.50	3.50
COP			W/W	3.61	3.61
S.C.Q.P.				3.80	3.80
P design H			kW	2.70	3.30
S.E.E.R.				5.7	5.6
S.C.Q.P.				3.8	3.8
Energy Label	Cooling			A+	A+
	Heating			A	A
Annual Energy Consumption	Cooling		kWh	170	220
	Heating		kWh	1100	1224
Power Supply			Ø / V / Hz	1/220-240/50	1/220-240/50
Sound Pressure	Cooling	S/L/M/H	dBA	19/29/34/39	19/29/34/39
	Heating	S/L/M/H	dBA	32/35/39	32/35/39
Sound Power			High	60	60
Air Flow Rate			Max (Power)	9.7	10.5
Air Flow Rate	Cooling	S/L/M/H	m³/min	4.5/6.0/7.0/8.0	4.5/6.0/7.0/8.0
	Heating	L/M/H	m³/min	6.6/7.5/8.5	6.6/7.5/8.5
Dehumidification Rate			l/h	1.2	1.5
Running Current	Cooling	Rated/Max	A	4/6.0	5/6.0
	Heating	Rated/Max	A	4/7.0	4.5/7.0
Starting Current	Cooling	Rated	A	4	5
	Heating	Rated	A	4	4.5
Circuit Breaker			A	15	15
Power Supply Cable			N x mm²	3*1.0	3*1.0
Power & Transmission Cable			N x mm²	4*1.0(Including Earth)	4*1.0(Including Earth)
Dimension			mm	645*645*121	645*645*121
Net Weight			kg	18	18
Fan Motor Output			W	32.7	32.7
Outdoor Unit					
Operation Range	Cooling	Min~Max	°CDB	-10~48	-10~48
	Heating	Min~Max	°CDB	-15~24	-15~24
Sound Pressure	Cooling	High	dBA	45	45
	Heating	High	dBA	45	45
Sound Power	Cooling	High	dBA	65	65
	Cooling	High	m³/min	33	33
Piping	Length (Odu/Idu)	Min	m	-	-
		Max	m	15	15
Piping Connection	Elevation (Odu/Idu)	Max	m	10	10
	Liquid	OD(Outside)	mm	6.35	6.35
		OD(Outside)	inch	1/4	1/4
	Gas	OD(Outside)	mm	9.52	9.52
		OD(Outside)	inch	3/8	3/8
	Drain	OD(Outside)	mm	21.5	21.5
		OD(Outside)	inch	0.85	0.85
Refrigerant	Type			R410A	R410A
	Charge at 7.5m		g	1000	1000
Fan Motor Output	Additional charge		g/m	20	20
			W	43	43
Compressor Type				Rotary	Rotary
Net Weight			kg	34	34
Dimension			mm	770*545*288	770*545*288

* S : Sleep / L : Low / M : Medium / H : High
** Specification, design and feature are subject to change without prior notice.

ASNW0963WB0 / ASNW1263WB0



ASUW0963WB0 / ASUW1263WB0



* This product contains Fluorinated greenhouse gases (R410A).

ARTCOOL Slim
Smart Inverter

9K
A09LL
12K
A12LL



24p

Active Energy Control

26p

Energy Display

32p

4 Way Swing

33p

Jet Cool

34p

Fast Heating

44p

Plasmaster Ionizer^{PLUS}

46p

MICROTM Powered by 3M Tech Dust Filter

48p

Dual Protection Filter

50p

Auto Cleaning

56p

Low Noise 19dB

58p

Silence Mode

60p

Quick & Easy Installation

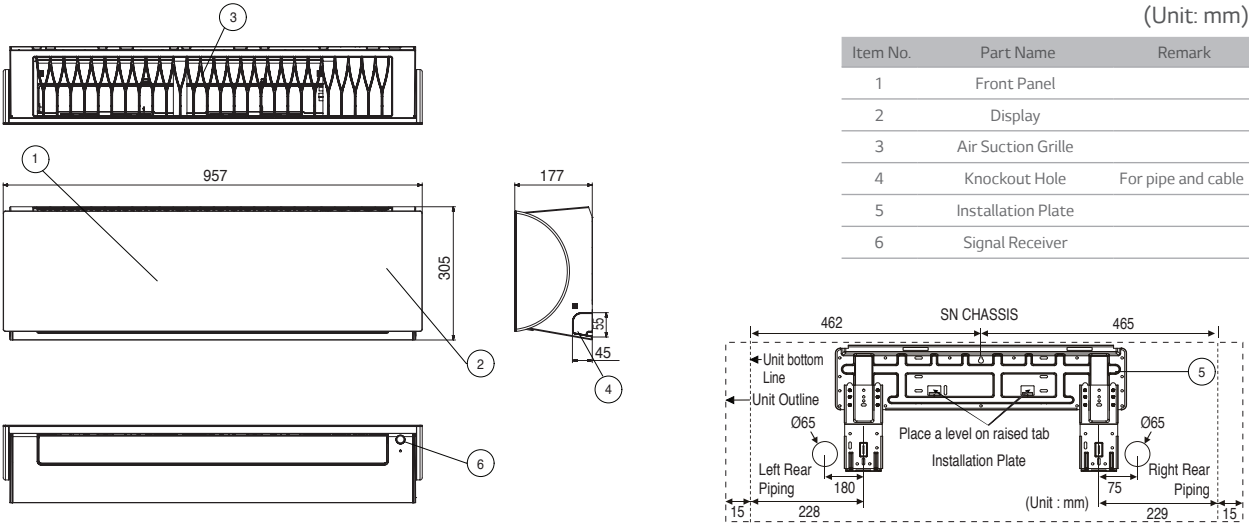
64p

Optional Wi-Fi Ready

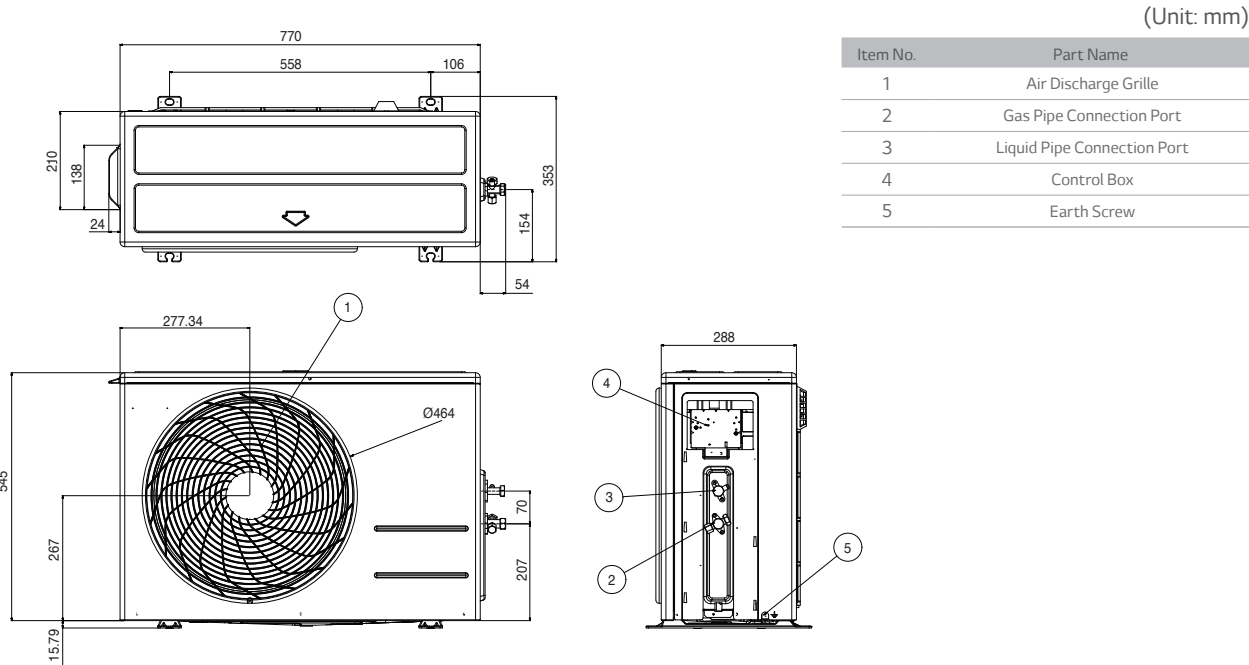
Unit				9K	12K
Model Indoor Unit				ASNW096NRR0	ASNW126NRR0
Model Outdoor Unit				ASUW096NRR0	ASUW126NRR0
Indoor Unit					
Capacity	Cooling	Min/Rated/Max	W	890/2500/3700	890/3500/4040
	Heating	Min/Rated/Max	W	890/3200/5000	890/4000/6000
	Heating -7°C	Rated	W	3200	3800
Power Input	Cooling	Rated	W	580	940
	Heating +7°C	Rated	W	780	1000
EER			W/W	4.3	3.72
S.E.E.R.				6.7	6.4
P design C			kW	2.5	3.5
COP			W/W	4.1	4.0
S.C.O.P.				4.0	4.0
P design H			kW	2.7	3.5
Energy Label	Cooling			A++	A++
	Heating			A+	A+
Annual Energy Consumption	Cooling		kWh	142	190
	Heating		kWh	1120	1350
Sound Pressure	Cooling	S/L/M/H	dBA	19/24/33/39	19/24/33/39
	Heating	L/M/H	dBA	24/33/39	24/33/39
Sound Power	Cooling	High	dBA	60	60
Air Flow Rate	Cooling	S/L/M/H	m³/min	3.5/5.5/7/8	3.5/5.5/7/8
		Max (Power)	m³/min	14	14
	Heating	L/M/H	m³/min	6/7.5/8.5	6/7.5/8.5
Dehumidification Rate			l/h	1.1	1.3
Running Current	Cooling	Rated/Max	A	3.5/6.0	4.1/6.0
	Heating	Rated/Max	A	4/7.0	4.4/7.0
Starting Current	Cooling	Rated	A	3.5	4.1
	Heating	Rated	A	4	4.4
Power Supply		Ø / V / Hz		1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		A		15	15
Power Supply Cable		N x mm²		3*1.0	3*1.0
Power & Transmission Cable		N x mm²		4*1.0 (Including Earth)	4*1.0(Including Earth)
Dimension		mm		957*305*177	957*305*177
Net Weight		kg		11.5	11.5
Fan Motor Output		W		30	30
Outdoor Unit					
Operation Range	Cooling	Min~Max	°CDB	-10~48	-10~48
	Heating	Min~Max	°CDB	-15~24	-15~24
Sound Pressure	Cooling	High	dBA	45	45
	Heating	High	dBA	45	45
Sound Power	Cooling	High	dBA	65	65
Air Flow Rate	Cooling	High	m³/min	33	33
	Piping	Length (Odu/Idu)	m	2	2
Piping Connection	Liquid	Max	m	20	20
		Elevation (Odu/Idu)	m	10	10
		OD(Outside)	mm	6.35	6.35
	Gas	OD(Outside)	inch	(1/4)	(1/4)
		OD(Outside)	mm	9.52	9.52
		OD(Outside)	inch	(3/8)	(3/8)
Refrigerant	Drain	OD(Outside)	mm	21.5	21.5
		OD(Outside)	inch	0.85	0.85
	Type			R410A	R410A
Fan Motor Output	Charge at 7.5m	g		1,000	1,000
	Additional charge	g/m		20	20
Compressor Type				1P Rotary	1P Rotary
Net Weight		kg		34	34
Dimension		mm		770*545*288	770*545*288

* S : Sleep / L : Low / M : Medium / H : High
** Specification, design and feature are subject to change without prior notice.

ASNW096NRR0 / ASNW126NRR0



ASUW096NRR0 / ASUW126NRR0



* This product contains Fluorinated greenhouse gases (R410A).

ARTCOOL Mirror
Smart Inverter

18K
A18RL



24p

Active Energy Control

32p

4 Way Swing

33p

Jet Cool

34p

Fast Heating

44p

Plasmaster Ionizer PLUS

46p

MiCRO Dust Filter
Powered by 3M Tech

48p

Dual Protection Filter

50p

Auto Cleaning

58p

Silence Mode 3dB

60p

Quick & Easy Installation

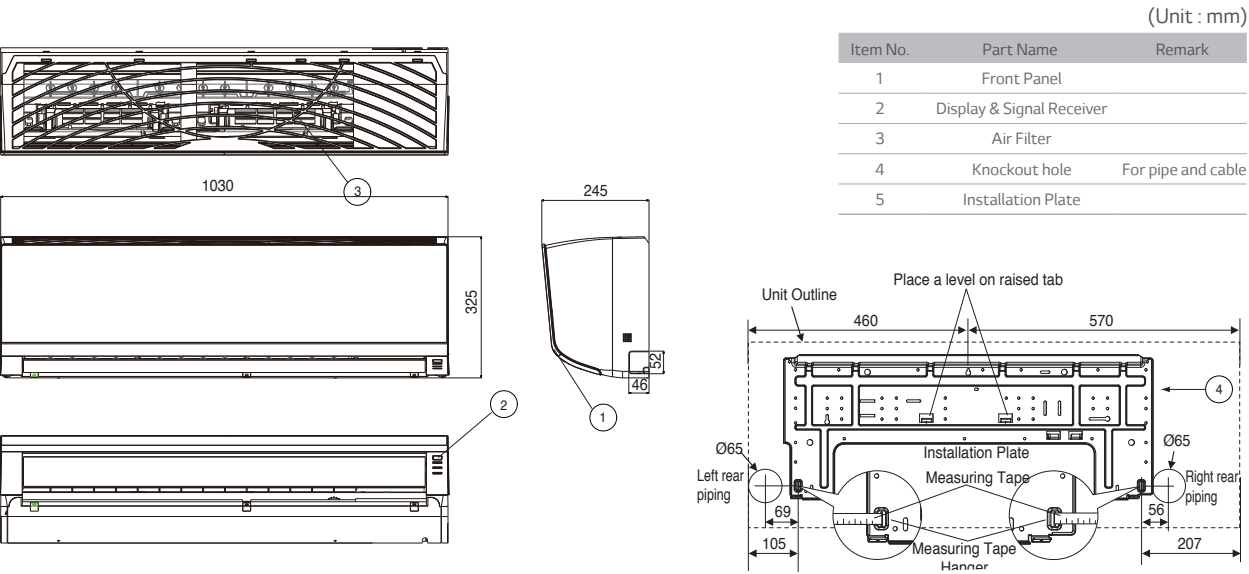
64p
Optional

Wi-Fi Ready

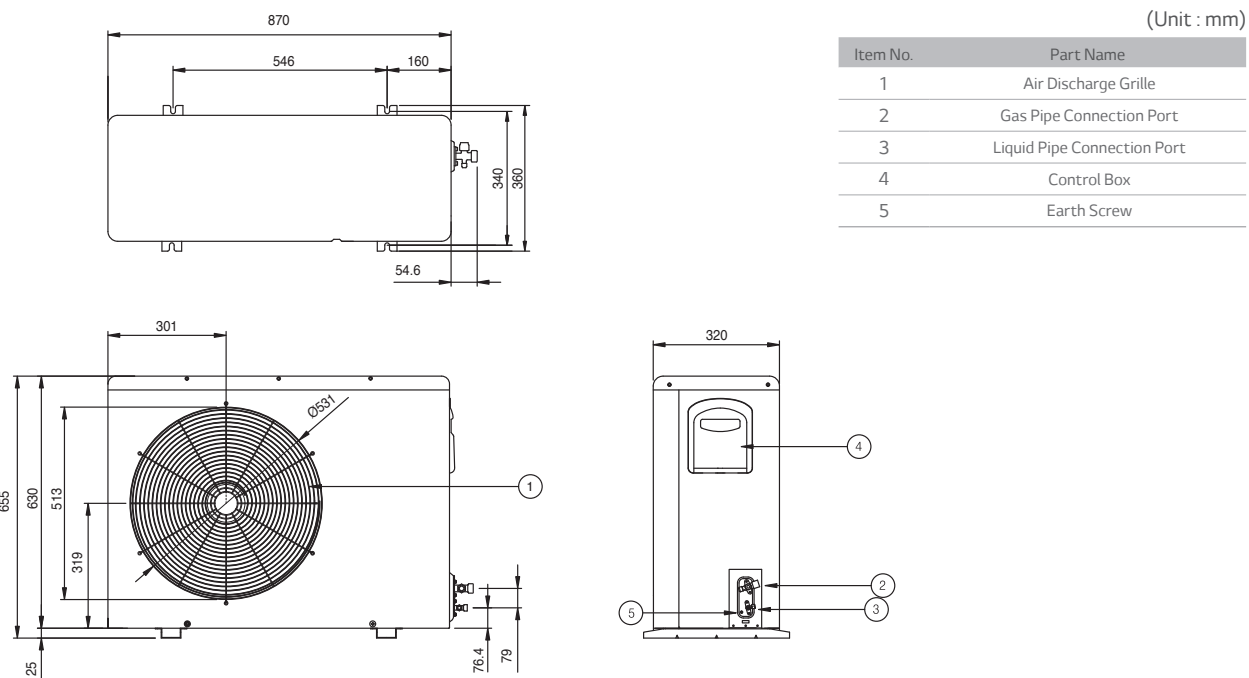
Unit				18K
Model Indoor Unit				ASNW186CRR4
Model Outdoor Unit				ASUW186CRR4
Indoor Unit				
Capacity	Cooling	Min/Rated/Max	W	900/5200/6000
	Heating	Min/Rated/Max	W	900/6300/9000
	Heating -7°C	Rated	W	5400
Power Input	Cooling	Rated	W	1,500
	Heating +7°C	Rated	W	1,650
EER			W/W	3.47
S.E.E.R.				6.1
P design C			kW	5.2
COP			W/W	3.82
S.C.O.P.				3.8
P design H			kW	5.2
Energy Label	Cooling			A++
	Heating			A
Annual Energy Consumption	Cooling		kWh	299
	Heating		kWh	1916
Sound Pressure	Cooling	S/L/M/H	dBA	29/35/40/42
	Heating	L/M/H	dBA	35/40/42
Sound Power	Cooling	High	dBA	60
Air Flow Rate	Cooling	S/L/M/H	m³/min	8.5/10.5/12.5/14.5
		Max (Power)	m³/min	19
	Heating	L/M/H	m³/min	10.5/12.5/14.5
Dehumidification Rate			l/h	2
Running Current	Cooling	Rated/Max	A	6.6/7.8
	Heating	Rated/Max	A	7.3/9.4
Starting Current	Cooling	Rated	A	6.6
	Heating	Rated	A	7.3
Power Supply		Ø / V /Hz		1 / 220-240 / 50
Circuit Breaker		A		20
Power Supply Cable		N x mm²		3 x 1.5
Power & Transmission Cable		N x mm²		4 x 1.0 (Including Earth)
Dimension		mm		1030*325*245
Net Weight		kg		15.5
Fan Motor Output		W		30
Outdoor Unit				
Operation Range	Cooling	Min~Max	°CDB	-10~48
	Heating	Min~Max	°CDB	-15~24
Sound Pressure	Cooling	High	dBA	54
	Heating	High	dBA	54
Sound Power	Cooling	High	dBA	65
Air Flow Rate	Cooling	High	m³/min	50
Piping	Length (Odu/Idu)	Min	m	-
		Max	m	20
	Elevation (Odu/Idu)	Max	m	10
Piping Connection	Liquid	OD(Outside)	mm	6.35
		OD(Outside)	inch	(1/4)
	Gas	OD(Outside)	mm	12.7
		OD(Outside)	inch	(1/2)
	Drain	OD(Outside)	mm	21.5
		OD(Outside)	inch	0.85
Refrigerant	Type			R410A
	Charge at 7.5m	g		1350
	Additional charge	g/m		20
Fan Motor Output		W		85
Compressor Type				Twin Rotary
Net Weight		kg		44
Dimension		mm		870*655*320

* S : Sleep / L : Low / M : Medium / H : High
** Specification, design and feature are subject to change without prior notice.

ASNW186CRR4



ASUW186CRR4



* This product contains Fluorinated greenhouse gases (R410A).

New Deluxe
Smart Inverter

9K
D09RN
12K
D12RN



24p

Active Energy Control

26p

Energy Display

32p

4 Way Swing

33p

Jet Cool

34p

Fast Heating

44p

Plasmaster Ionizer^{PLUS}

48p

Dual Protection Filter

50p

Auto Cleaning

54p

Comfort Air

56p

Low Noise 19dB

58p

Silence Mode 3dB

60p

Quick & Easy Installation

Optional

Wi-Fi Ready

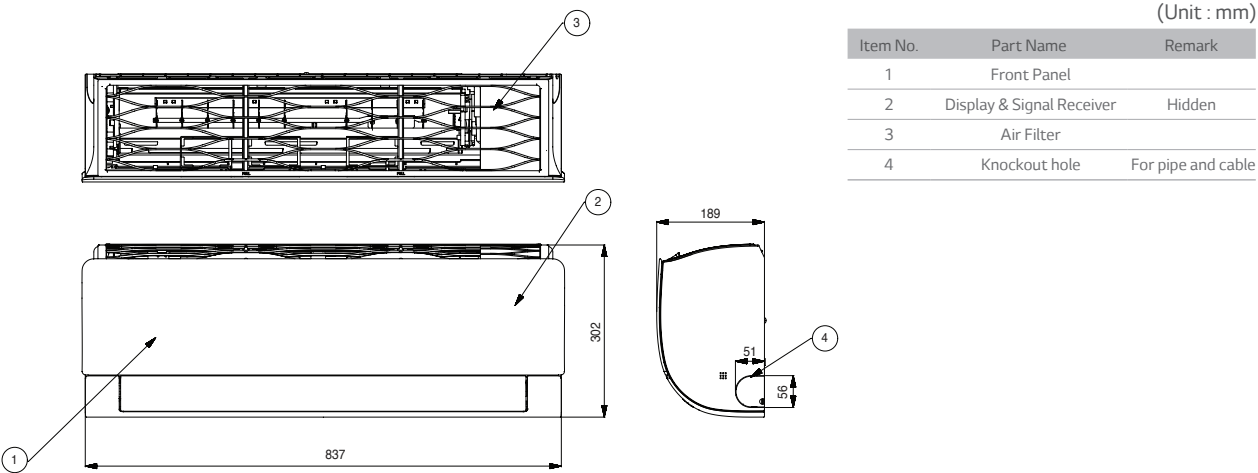
68p

Smart Diagnosis

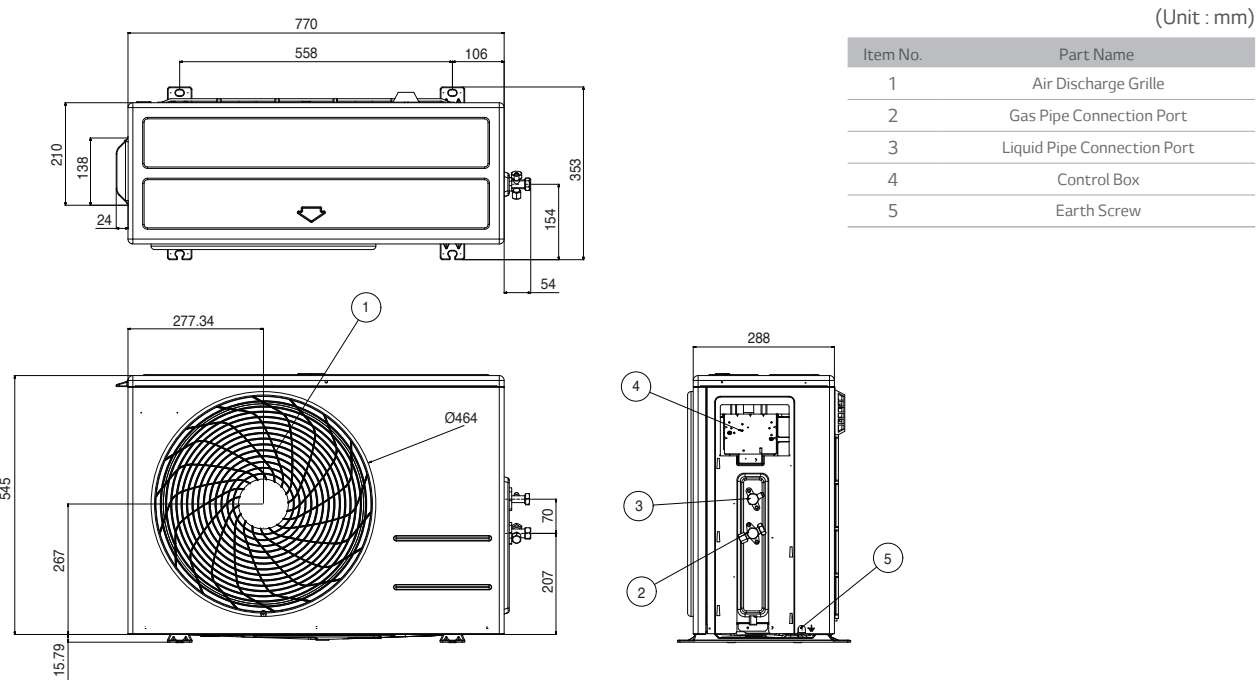
Unit				9K	12K
Model Indoor Unit				ASNW096J1R1	ASNW126J1R1
Model Outdoor Unit				ASUW096J1R1	ASUW126J1R1
Indoor Unit					
Capacity	Cooling	Min/Rated/Max	W	890/2500/3700	890/3500/4040
	Heating +7°C	Min/Rated/Max	W	890/3200/5000	890/4000/6000
	Heating -7°C	Rated	W	3200	3800
Power Input	Cooling	Rated	W	556	898
	Heating +7°C	Rated	W	712	975
EER			W/W	4.5	3.9
S.E.E.R.				7.7	7.6
P design C			kW	2.5	3.5
COP			W/W	4.5	4.1
S.C.O.P.				4.6	4.6
P design H			kW	2.8	2.9
Energy Label	Cooling			A++	A++
	Heating			A++	A++
Annual Energy Consumption	Cooling		kWh	114	162
	Heating		kWh	853	883
Sound Pressure	Cooling	S/L/M/H	dBA	19/24/35/40	19/24/35/40
	Heating	L/M/H	dBA	24/35/40	24/35/40
Sound Power	Cooling	High	dBA	59	59
Air Flow Rate	Cooling	S/L/M/H	m³/min	3.5/5.5/9.0/11.0	3.5/5.5/9.0/11.0
		Max (Power)	m³/min	13.0	13.0
	Heating	L/M/H	m³/min	6.5/9.0/11.0	6.5/9.0/11.0
Dehumidification Rate			l/h	1.1	1.3
Running Current	Cooling	Rated/Max	A	2.5/6.0	4.0/6.0
	Heating	Rated/Max	A	3.2/7.0	4.3/7.0
Starting Current	Cooling	Rated	A	2.5	4.0
	Heating	Rated	A	3.2	4.3
Power Supply		Ø / V / Hz		1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		A		15	15
Power Supply Cable		N x mm²		3*1.0	3*1.0
Power & Transmission Cable		N x mm²		4*1.0 (Including Earth)	4*1.0 (Including Earth)
Dimension			mm	837*302*189	837*302*189
Net Weight			kg	8.5	8.5
Fan Motor Output			W	30	30
Outdoor Unit					
Operation Range	Cooling	Min~Max	°CDB	-15~48	-15~48
	Heating	Min~Max	°CDB	-15~24	-15~24
Sound Pressure	Cooling	High	dBA	47	47
	Heating	High	dBA	48	48
Sound Power	Cooling	High	dBA	65	65
Air Flow Rate	Length (Odu/Idu)	High	m³/min	35	35
		Min	m	3	3
Piping	Elevation (Odu/Idu)	Max	m	20	20
		Max	m	10	10
Piping Connection	Liquid	OD(Outside)	mm	6.35	6.35
		OD(Outside)	inch	(1/4)	(1/4)
	Gas	OD(Outside)	mm	9.52	9.52
		OD(Outside)	inch	(3/8)	(3/8)
	Drain	OD(Outside)	mm	21.5	21.5
		OD(Outside)	inch	0.85	0.85
Refrigerant	Type			R410A	R410A
	Charge at 7.5m		g	1,000	1,000
	Additional charge		g/m	20	20
Fan Motor Output			W	43	43
Compressor Type				1P Rotary	1P Rotary
Net Weight			kg	31	31
Dimension			mm	770*545*288	770*545*288

* S : Sleep / L : Low / M : Medium / H : High
** Specification, design and feature are subject to change without prior notice.

ASNW096J1R1 / ASNW126J1R1



ASUW096J1R1 / ASUW126J1R1



* This product contains Fluorinated greenhouse gases (R410A).

New Deluxe
Smart Inverter

18K
D18RN
24K
D24RN



24p

Active Energy Control

26p

Energy Display

32p

4 Way Swing

33p

Jet Cool

34p

Fast Heating

44p

Plasmaster Ionizer^{PLUS}

48p

Dual Protection Filter

50p

Auto Cleaning

54p

Comfort Air

58p

Silence Mode 3dB

60p

Quick & Easy Installation

Optional

Wi-Fi Ready

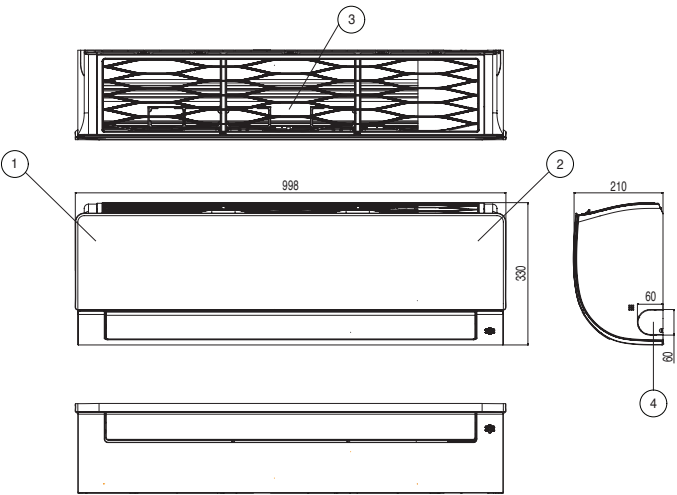
68p

Smart Diagnosis

Unit				18K	24K
Model Indoor Unit				ASNW186K1R1	ASNW246K1R1
Model Outdoor Unit				ASUW186K1R1	ASUW246K1R1
Indoor Unit					
Capacity	Cooling	Min/Rated/Max	W	900/5000/5525	900/6600/7420
	Heating +7°C	Min/Rated/Max	W	900/5800/6438	900/7500/8640
	Heating -7°C	Rated	W	3800	4850
Power Input	Cooling	Rated	W	1,562	2,275
	Heating +7°C	Rated	W	1,611	2,238
EER			W/W	3.2	2.9
S.E.E.R.				7.0	6.5
P design C			kW	5.0	6.6
COP			W/W	3.60	3.35
S.C.O.P.				4.2	4.0
P design H			kW	4.1	5.0
Energy Label	Cooling			A++	A++
	Heating			A+	A+
Annual Energy Consumption	Cooling		kWh	250	356
	Heating		kWh	1367	1770
Sound Pressure	Cooling	S/L/M/H	dBA	31/34/39/44	31/34/42/47
	Heating	L/M/H	dBA	34/39/44	34/42/47
Sound Power	Cooling	High	dBA	60	65
Air Flow Rate	Cooling	S/L/M/H	m³/min	8.0 /10.5 /13.0 /14.5	8.0 /10.5 /13.1 /16.1
		Max (Power)	m³/min	18.0	20.0
	Heating	L/M/H	m³/min	11.0 /13.5 /16.0	11.0 /15.0 /18.5
Dehumidification Rate			l/h	1.8	2.5
Running Current	Cooling	Rated/Max	A	6.9/9	10.1/14.0
	Heating	Rated/Max	A	7.1/9.5	10.4/14.0
Starting Current	Cooling	Rated	A	6.9	10.1
	Heating	Rated	A	7.1	10.4
Power Supply			Ø / V /Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	20	25
Power Supply Cable			N x mm²	3 x 1.5	3 x 2.5
Power & Transmission Cable			N x mm²	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	998*330*210	998*330*210
Net Weight			kg	12.5	12.5
Fan Motor Output			W	60	60
Outdoor Unit					
Operation Range	Cooling	Min~Max	°CDB	-15~48	-15~48
	Heating	Min~Max	°CDB	-10~24	-10~24
Sound Pressure	Cooling	High	dBA	53	56
	Heating	High	dBA	55	57
Sound Power	Cooling	High	dBA	65	70
Air Flow Rate		High	m³/min	35	50
Piping	Length (Odu/Idu)	Min	m	-	-
		Max	m	20	30
	Elevation (Odu/Idu)	Max	m	10	15
Piping Connection	Liquid	OD(Outside)	mm	6.35	6.35
		OD(Outside)	inch	(1/4)	(1/4)
	Gas	OD(Outside)	mm	12.7	15.88
		OD(Outside)	inch	(1/2)	(5/8)
	Drain	OD(Outside)	mm	21.5	21.5
		OD(Outside)	inch	0.85	0.85
Refrigerant	Type			R410A	R410A
Charge at 7.5m			g	1250	1350
	Additional charge		g/m	20	30
Fan Motor Output			W	43	85
Compressor Type				Twin Rotary	Twin Rotary
Net Weight			kg	35.5	46.1
Dimension			mm	770*545*288	870*655*320

* S : Sleep / L : Low / M : Medium / H : High
** Specification, design and feature are subject to change without prior notice.

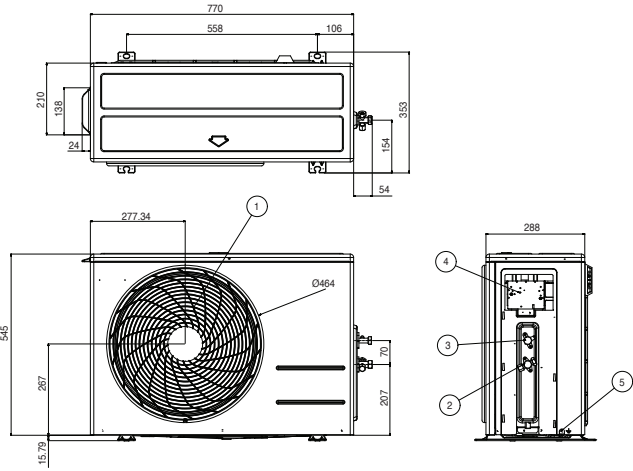
ASNW186K1R1 / ASNW246K1R1



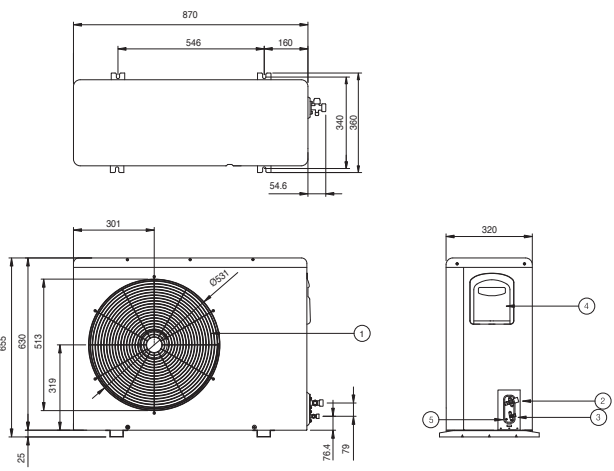
(Unit : mm)

Item No.	Part Name	Remark
1	Front Panel	
2	Display & Signal Receiver	Hidden
3	Air Filter	
4	Knockout hole	For pipe and cable

ASUW186K1R1



ASUW246K1R1



(Unit : mm)

Item No.	Part Name
1	Air Discharge Grille
2	Gas Pipe Connection Port
3	Liquid Pipe Connection Port
4	Control Box
5	Earth Screw

* This product contains Fluorinated greenhouse gases (R410A).

New Standard Plus
Smart Inverter

9K
P09EN
12K
P12EN



24p

Active Energy Control

26p

Energy Display

2 Way Swing

2 Way Swing

33p

Jet Cool

34p

Fast Heating

48p

Dual Protection Filter

50p

Auto Cleaning

54p

Comfort Air

56p

Low Noise 19dB

58p

Silence Mode 3dB

60p

Quick & Easy Installation

Optional

Wi-Fi Ready

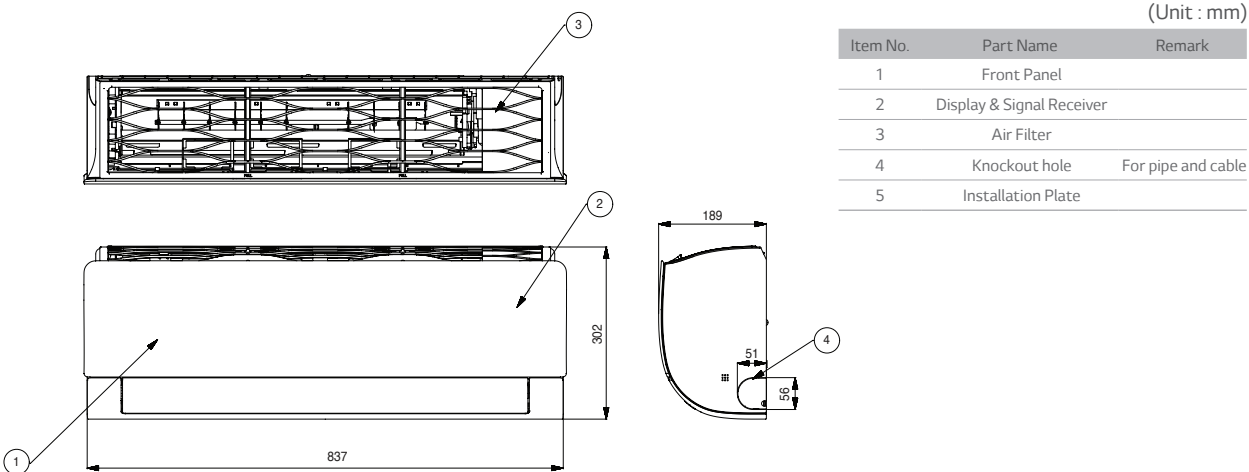
68p

Smart Diagnosis

Unit				9K	12K
Model Indoor Unit				USUW096J3A0	USUW126J3A0
Model Outdoor Unit				USNW096J3A0	USNW126J3A0
Indoor Unit					
Capacity	Cooling	Min/Rated/Max	W	890/2500/3700	890/3500/4040
	Heating +7°C	Min/Rated/Max	W	890/3200/4100	890/3800/5100
	Heating -7°C	Rated	W	3000	3600
Power Input	Cooling	Rated	W	670	1080
	Heating +7°C	Rated	W	840	1000
EER			W/W	3.73	3.24
S.E.E.R.				6.5	6.4
P design C			kW	2.5	3.5
COP			W/W	3.81	3.80
S.C.O.P.				4.0	4.0
P design H			kW	2.4	2.5
Energy Label	Cooling			A++	A++
	Heating			A+	A+
Annual Energy Consumption	Cooling		kWh	134	191
	Heating		kWh	840	875
Sound Pressure	Cooling	S/L/M/H	dBA	19/27/35/41	19/27/35/41
	Heating	L/M/H	dBA	27/35/41	27/35/41
Sound Power	Cooling	High	dBA	59	59
Air Flow Rate	Cooling	S/L/M/H	m³/min	3.0 / 4.2 / 7.5 / 10.0	3.0 / 4.2 / 7.5 / 10.0
		Max (Power)	m³/min	11.5	12.5
	Heating	L/M/H	m³/min	5.6 / 7.2 / 10.0	5.6 / 7.2 / 10.0
Dehumidification Rate			l/h	1.1	1.3
Running Current	Cooling	Rated/Max	A	3.0 / 6.0	4.7 / 6.0
	Heating	Rated/Max	A	3.7 / 7.0	4.5 / 7.0
Starting Current	Cooling	Rated	A	3.0	4.7
	Heating	Rated	A	3.7	4.5
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15
Power Supply Cable			N x mm²	3*1.0	3*1.0
Power & Transmission Cable			N x mm²	4*1.0 (Including Earth)	4*1.0 (Including Earth)
Dimension			mm	837*302*189	837*302*189
Net Weight			kg	8.5	8.5
Fan Motor Output			W	30	30
Outdoor Unit					
Operation Range	Cooling	Min~Max	°CDB	-10~48	-10~48
	Heating	Min~Max	°CDB	-10~24	-10~24
Sound Pressure	Cooling	High	dBA	49	49
	Heating	High	dBA	50	50
Sound Power	Cooling	High	dBA	65	65
Air Flow Rate		High	m³/min	27	27
Piping	Length (Odu/Idu)	Min	m	3	3
		Max	m	15	15
	Elevation (Odu/Idu)	Max	m	7	7
Piping Connection	Liquid	OD(Outside)	mm	6.35	6.35
		OD(Outside)	inch	(1/4)	(1/4)
	Gas	OD(Outside)	mm	9.52	9.52
		OD(Outside)	inch	(3/8)	(3/8)
	Drain	OD(Outside)	mm	21.5	21.5
		OD(Outside)	inch	0.85	0.85
Refrigerant	Type			R410A	R410A
	Charge at 7.5m		g	950	950
	Additional charge		g/m	20	20
Fan Motor Output			W	43	43
Compressor Type				1P Rotary	1P Rotary
Net Weight			kg	29	29
Dimension			mm	717*483*230	717*483*230

* S : Sleep / L : Low / M : Medium / H : High
** Specification, design and feature are subject to change without prior notice.

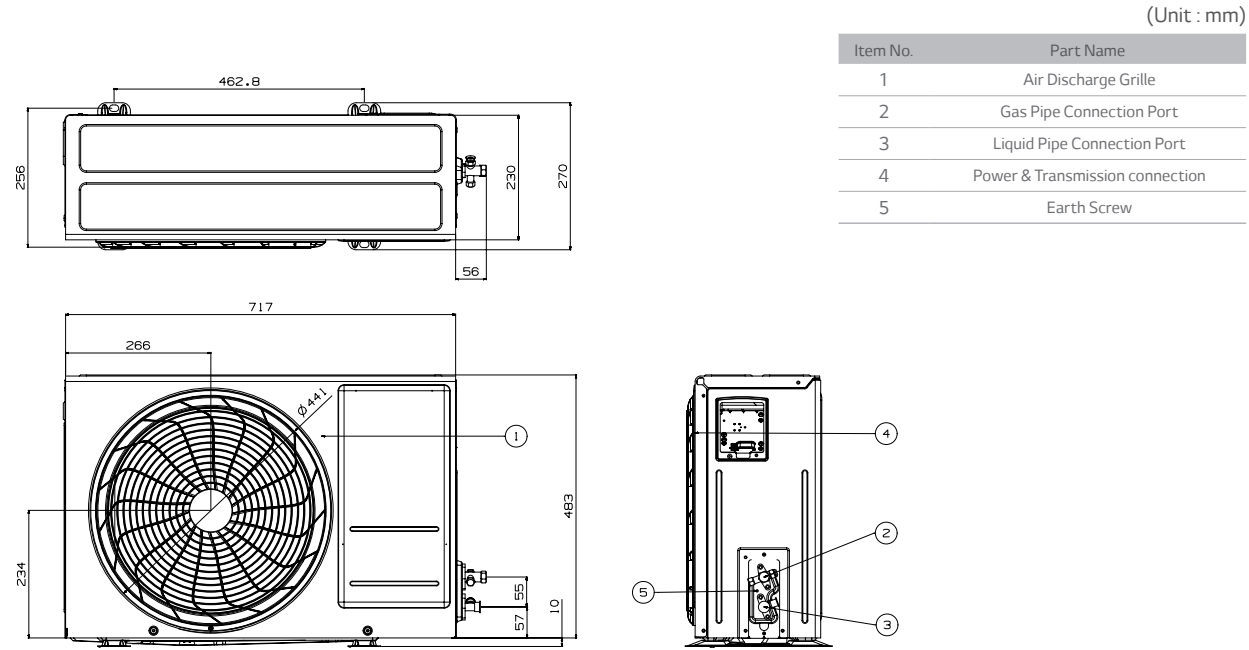
USNW096J3A0 / USNW126J3A0



(Unit : mm)

Item No.	Part Name	Remark
1	Front Panel	
2	Display & Signal Receiver	
3	Air Filter	
4	Knockout hole	For pipe and cable
5	Installation Plate	

USUW096J3A0 / USUW126J3A0



(Unit : mm)

Item No.	Part Name
1	Air Discharge Grille
2	Gas Pipe Connection Port
3	Liquid Pipe Connection Port
4	Power & Transmission connection
5	Earth Screw

* This product contains Fluorinated greenhouse gases (R410A).

New Standard Plus
Smart Inverter

18K
P18EN
24K
P24EN



24p

Active Energy Control

26p

Energy Display

2 Way Swing

2 Way Swing

33p

Jet Cool

34p

Fast Heating

48p

Dual Protection Filter

50p

Auto Cleaning

54p

Comfort Air

58p

Silence Mode 3dB

60p

Quick & Easy Installation

Optional

Wi-Fi Ready

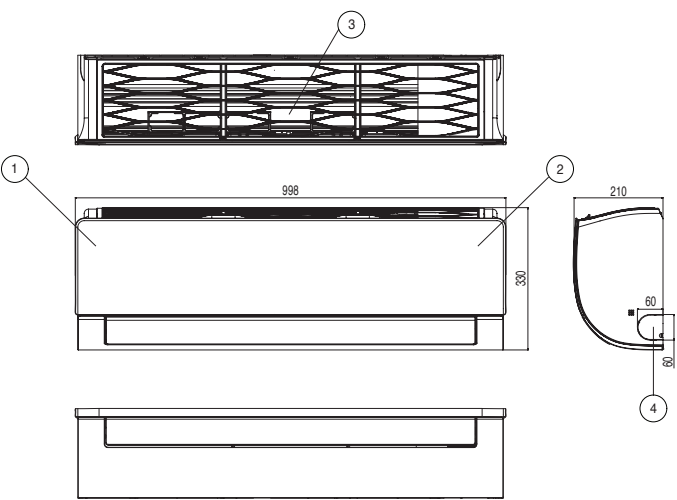
68p

Smart Diagnosis

Unit				18K	24K
Model Indoor Unit				USUW186K3A0	USUW246K3A0
Model Outdoor Unit				USNW186K3A0	USNW246K3A0
Indoor Unit					
Capacity	Cooling	Min/Rated/Max	W	900/5000/5525	900/6600/7420
	Heating +7°C	Min/Rated/Max	W	900/5800/6438	900/7500/8640
	Heating -7°C	Rated	W	3800	4850
Power Input	Cooling	Rated	W	1587	2275
	Heating +7°C	Rated	W	1611	2308
EER			W/W	3.15	2.90
S.E.E.R.				6.5	6.2
P design C			kW	5.0	6.6
COP			W/W	3.60	3.25
S.C.O.P.				4.0	3.9
P design H			kW	3.9	5.0
Energy Label	Cooling			A++	A++
	Heating			A+	A
Annual Energy Consumption	Cooling		kWh	269	372
	Heating		kWh	1365	1794
Sound Pressure	Cooling	S/L/M/H	dBA	31/34/39/44	31/34/42/47
	Heating	L/M/H	dBA	34/39/44	34/42/47
Sound Power	Cooling	High	dBA	60	65
Air Flow Rate	Cooling	S/L/M/H	m³/min	8.0 /10.5 /13.0	8.0 /10.5 /13.1
				14.5	16.1
	Heating	Max (Power)	m³/min	18.0	20.0
		L/M/H	m³/min	11.0 /13.5 /16.0	11.0 /15.0 /18.5
Dehumidification Rate			l/h	1.8	2.5
Running Current	Cooling	Rated/Max	A	6.9/9.0	10.1/14.0
	Heating	Rated/Max	A	7.1 /9.5	10.4 /14.0
Starting Current	Cooling	Rated	A	6.9	10.1
	Heating	Rated	A	7.1	10.4
Power Supply		Ø / V /Hz		1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	20	25
Power Supply Cable		N x mm²		3 x 1.5	3 x 2.5
Power & Transmission Cable		N x mm²		4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension		mm		998*330*210	998*330*210
Net Weight		kg		11.6	12.5
Fan Motor Output		W		30	60
Outdoor Unit					
Operation Range	Cooling	Min~Max	°CDB	-15~48	-15~48
	Heating	Min~Max	°CDB	-10~24	-10~24
Sound Pressure	Cooling	High	dBA	53	56
	Heating	High	dBA	55	57
Sound Power	Cooling	High	dBA	65	70
Air Flow Rate	Length (Odu/Idu)	High	m³/min	35	50
		Min	m	3	3
Piping	Elevation (Odu/Idu)	Max	m	20	30
		Max	m	10	15
Piping Connection	Liquid	OD(Outside)	mm	6.35	6.35
		OD(Outside)	inch	(1/4)	(1/4)
	Gas	OD(Outside)	mm	12.7	15.88
		OD(Outside)	inch	(1/2)	(5/8)
	Drain	OD(Outside)	mm	21.5	21.5
		OD(Outside)	inch	0.85	0.85
Refrigerant	Type			R410A	R410A
	Charge at 7.5m		g	1200	1350
	Additional charge		g/m	20	30
Fan Motor Output			W	43	85
Compressor Type				Twin Rotary	Twin Rotary
Net Weight			kg	36.7	46
Dimension			mm	770*545*288	870*655*320

* S : Sleep / L : Low / M : Medium / H : High
** Specification, design and feature are subject to change without prior notice.

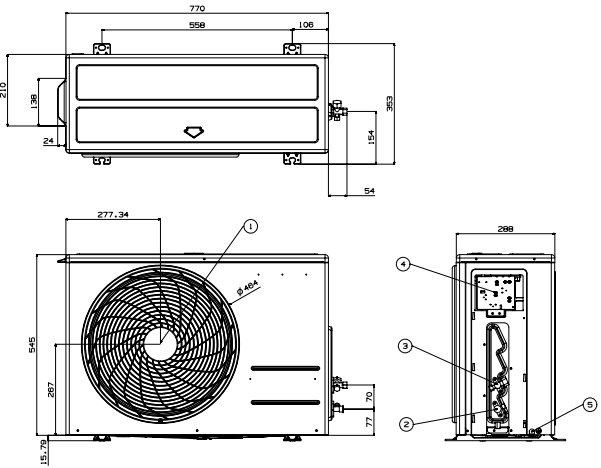
USNW186K3A0 / USNW246K3A0



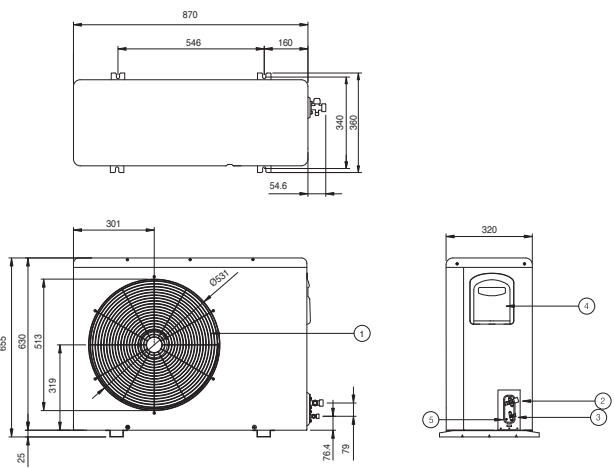
(Unit : mm)

Item No.	Part Name	Remark
1	Front Panel	
2	Display & Signal Receiver	
3	Air Suction Filter	
4	Installation Plate	

USUW186K3A0



USUW246K3A0



(Unit: mm)

Item No.	Part Name
1	Air Discharge Grille
2	Gas Pipe Connection Port
3	Liquid Pipe Connection Port
4	Control Box
5	Earth Screw

Standard
Smart Inverter

9K
E09EM
12K
E12EM



33p

Jet Cool

34p

2 Way Swing

34p

Fast Heating

48p

Dual Protection Filter

50p

Auto Cleaning

54p

Comfort Air

60p

Quick & Easy Installation

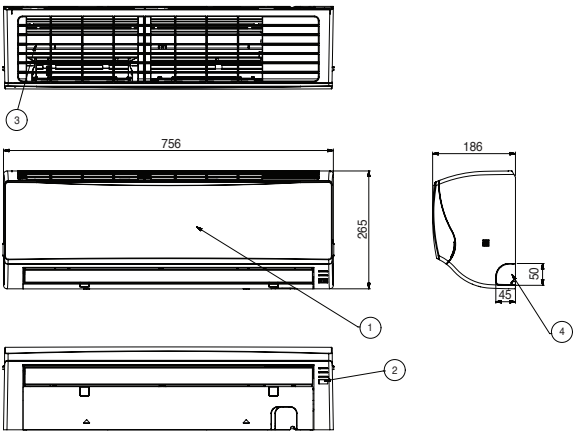
64p
Optional

Wi-Fi Ready

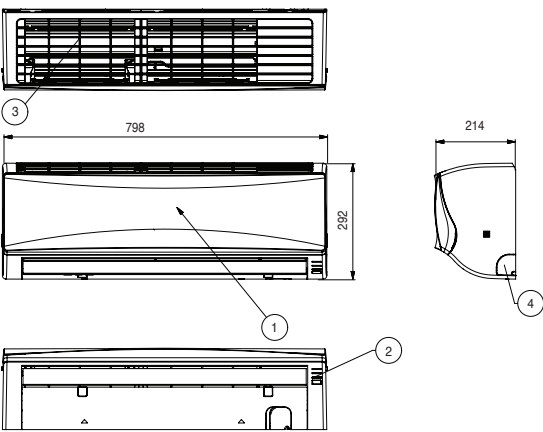
Unit				9K	12K
Model Indoor Unit				USNW096W4A1	USNW126H4A1
Model Outdoor Unit				USUW096W4A1	USUW126H4A1
Indoor Unit					
Capacity	Cooling	Min/Rated/Max	W	890/2500/3700	900/3500/4040
	Heating +7°C	Min/Rated/Max	W	890/3200/4100	890/3800/5100
	Heating -7°C	Rated	W	3000	3600
Power Input	Cooling	Rated	W	730	1,120
	Heating +7°C	Rated	W	950	1,040
	Heating -7°C	Rated	W	3,42	3,13
EER				5.7	5.8
S.E.E.R.				2.5	3.5
P design C			kW	3.37	3.65
COP				3.8	3.8
S.C.O.P.				2.3	3.2
P design H			kW	A+	A+
Energy Label	Cooling			A	A
	Heating			154	211
Annual Energy Consumption	Cooling		kWh	847	1400
	Heating		kWh	20/25/33/39	20/25/33/39
Sound Pressure	Cooling	S/L/M/H	dB(A)	28/33/39	28/33/39
	Heating	L/M/H	dB(A)	58	58
Sound Power	Cooling	High	dB(A)	3.0 / 4.5 / 6.0 / 7.5	3.5 / 5.5 / 8.0 / 10.0
	Heating	L/M/H	m³/min	9.0	12.0
Air Flow Rate	Cooling	S/L/M/H	m³/min	5.0 / 6.0 / 8.0	6.5 / 8.0 / 10.0
	Heating	L/M/H	m³/min	0.83	1.3
Dehumidification Rate			l/h	3.2 / 6.5	4.9 / 6.5
Running Current	Cooling	Rated/Max	A	4.2 / 6.0	4.6 / 6.0
	Heating	Rated/Max	A	3.2	4.9
Starting Current	Cooling	Rated	A	4.2	4.6
	Heating	Rated	A	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply			Ø / V / Hz	15	15
Circuit Breaker			A	3 x 1.0	3 x 1.0
Power Supply Cable			N x mm²	4 x 0.75 (Including Earth)	4 x 0.75 (Including Earth)
Power & Transmission Cable			N x mm²	756*265*184	798*292*214
Dimension			mm	7.4	8.5
Net Weight			kg	30	30
Fan Motor Output			W		
Outdoor Unit					
Operation Range	Cooling	Min~Max	°CDB	-10~48	-10~48
	Heating	Min~Max	°CDB	-10~24	-10~24
Sound Pressure	Cooling	High	dB(A)	49	49
	Heating	High	dB(A)	49	49
Sound Power	Cooling	High	dB(A)	65	65
	Heating	High	dB(A)	27	27
Air Flow Rate	Length (Odu/Idu)	Min	m	3	3
	Max	m		15	15
Piping	Elevation (Odu/Idu)	Max	m	7	7
	Max	m		6.35	6.35
Piping Connection	Liquid	OD(Outside)	mm	(1/4)	(1/4)
		OD(Outside)	inch	9.52	9.52
	Gas	OD(Outside)	mm	(3/8)	(3/8)
		OD(Outside)	inch	21.5	21.5
	Drain	OD(Outside)	mm	0.85	0.85
		OD(Outside)	inch	R410A	R410A
Refrigerant	Type			920	970
	Charge at 5.0m		g	20	20
Fan Motor Output	Additional charge		g/m	43	43
	Compressor Type		W	Rotary	Rotary
Net Weight			kg	28	28
Dimension			mm	717*483*230	717*483*230

* S : Sleep / L : Low / M : Medium / H : High
** Specification, design and feature are subject to change without prior notice.

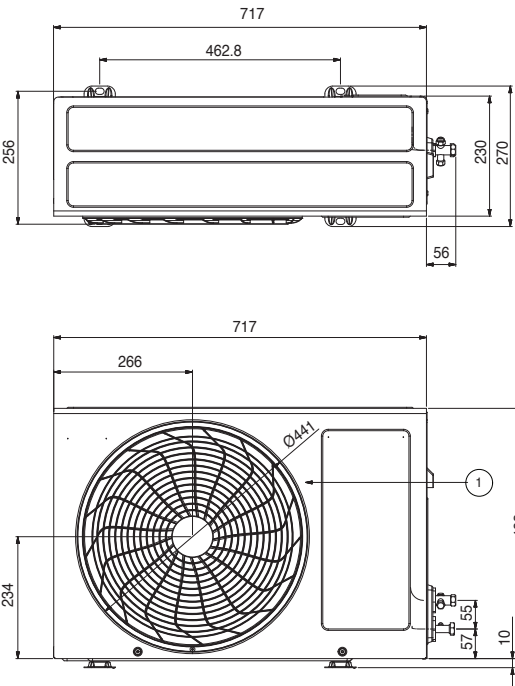
USNW096W4A1



USNW126H4A1

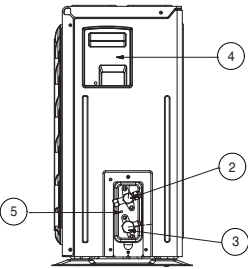


USUW096W4A1 / USUW126H4A1



(Unit : mm)

Item No.	Part Name
1	Air Discharge Grille
2	Gas Pipe Connection Port
3	Liquid Pipe Connection Port
4	Power & Transmission connection
5	Earth Screw



* This product contains Fluorinated greenhouse gases (R410A).

Standard
Smart Inverter

18K
E18EM



33p

Jet Cool

2 Way Swing

2 Way Swing

34p

Fast Heating

48p

Dual Protection Filter

50p

Auto Cleaning

54p

Comfort Air

60p

Quick & Easy Installation

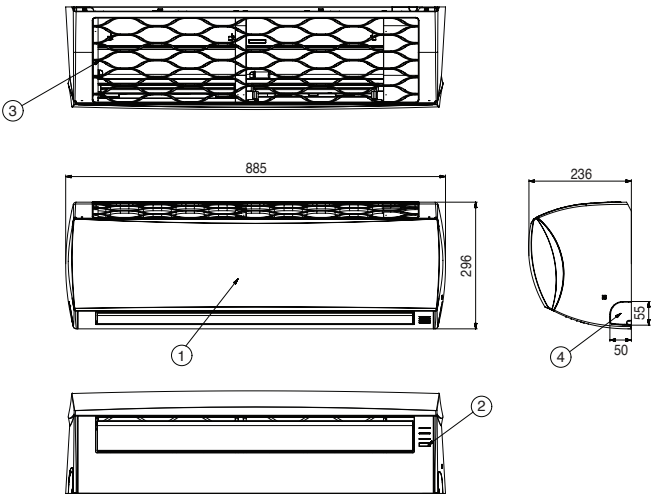
64p
Optional

Wi-Fi Ready

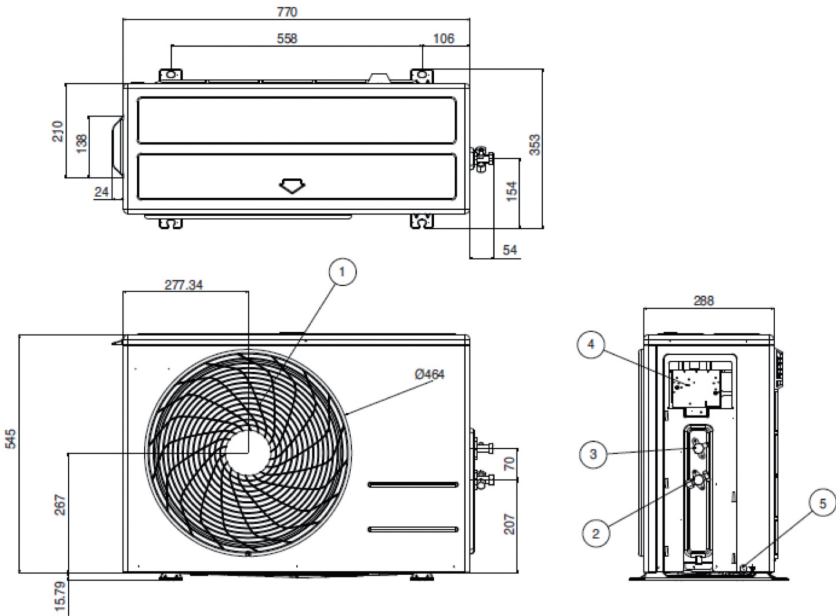
Unit				18K
Model Indoor Unit				USNW186M4A1
Model Outdoor Unit				USUW186M4A1
Indoor Unit				
Capacity	Cooling	Min/Rated/Max	W	900/5000/5400
	Heating +7°C	Min/Rated/Max	W	900/5400/6100
	Heating -7°C	Rated	W	3800
Power Input	Cooling	Rated	W	1720
	Heating +7°C	Rated	W	1540
EER				2.91
S.E.E.R.				5.3
P design C			kW	5.0
COP				3.51
S.C.O.P.				3.8
P design H			kW	3.8
Energy Label	Cooling		A	
	Heating		A	
Annual Energy Consumption	Cooling		kWh	330
	Heating		kWh	1400
Sound Pressure	Cooling	S/L/M/H	dBA	29/35/40/42
	Heating	L/M/H	dBA	35/40/42
Sound Power	Cooling	High	dBA	60
Air Flow Rate	Cooling	S/L/M/H	m³/min	7.5/9.0/10.5/12.0
		Max (Power)	m³/min	17.4
	Heating	L/M/H	m³/min	8.0/10.0/13.0
Dehumidification Rate			l/h	1.8
Running Current	Cooling	Rated/Max	A	7.8/9.0
	Heating	Rated/Max	A	7.0/9.5
Starting Current	Cooling	Rated	A	7.8
	Heating	Rated	A	7.0
Power Supply		Ø/V/Hz		1/220-240 / 50
Circuit Breaker		A		20
Power Supply Cable		N x mm²		3*1.5
Power & Transmission Cable		N x mm²		4*0.75 (Including Earth)
Dimension		mm		885 * 296 * 236
Net Weight		kg		9.5
Fan Motor Output		W		30
Outdoor Unit				
Operation Range	Cooling	Min~Max	°CDB	-10~48
	Heating	Min~Max	°CDB	-10~24
Sound Pressure	Cooling	High	dBA	52
	Heating	High	dBA	54
Sound Power	Cooling	High	dBA	65
Air Flow Rate		High	m³/min	32
Piping	Length (Odu/Idu)	Min	m	-
		Max	m	20
	Elevation (Odu/Idu)	Max	m	10
Piping Connection	Liquid	OD(Outside)	mm	6.35
		OD(Outside)	inch	(1/4)
	Gas	OD(Outside)	mm	12.7
		OD(Outside)	inch	(1/2)
	Drain	OD(Outside)	mm	21.5
		OD(Outside)	inch	0.85
Refrigerant	Type			R410A
	Charge at 5.0m		g	1,060
	Additional charge		g/m	20
Fan Motor Output			W	43
Compressor Type				Rotary
Net Weight			kg	34
Dimension			mm	770*545*288

* S : Sleep / L : Low / M : Medium / H : High
** Specification, design and feature are subject to change without prior notice.

USNW186M4A1



USUW186M4A1



* This product contains Fluorinated greenhouse gases (R410A).

Accessories

Combination Table

Accessory Combination	BTU	Artcool Stylist	Prestige	Artcool	New Deluxe	New Standard Plus	Standard
Wired Remote	9k	0	0	0	0	X	X
	12k	0	0	0	0	X	X
	18k	-	-	0	0	X	X
	24k	-	-	-	0	X	-
PI485	9k	X	X	X	0	X	X
	12k	X	X	X	0	X	X
	18k	-	-	0	0	X	X
	24k	-	-	-	0	X	-
Dry Contact	9k	0	0	0	0	X	X
	12k	0	0	0	0	X	X
	18k	-	-	0	0	X	X
	24k	-	-	-	0	X	-
Wi-Fi Ready	9k	0	0	0	0	0	0
	12k	0	0	0	0	0	0
	18k	-	-	0	0	0	0
	24k	-	-	-	0	0	-

Wi-Fi Controller



- Easy to install : Wall or desktop mounted
- On / Off status and mode indicated by LED light
- Power supply includes EU-UK-US-AU heads
- Automatic firmware Updates*
- IntesisHome cloud app is available for android phone or iOS phone
- Need to have an internet connection and register user account in IntesisHome cloud to use Wi-Fi controller.

Model Name		LG-IR-WF-1
Operation Mode	On/Off Temp up/down Mode (Cool/Heat/Dry/Auto) Fan Speed Auto Swing*	
Enclosure	ABS (V-O, 5VB). 2,1 mm thickness PC (V-2). 1mm thickness	
Dimensions / Weight	81 × 78 × 28 mm / 76 g	
Power supply	5VDC 0,2 A NEC Class 2 or Limited Power Source (LPS) and SELV rated Power supply	
Operating Temperature	From 0°C to 40°C	
Operating humidity / Stock humidity	< 93% HR, no condensation	

* Internet access is necessary. ** Specifications may vary for each model.

Standard Wired Remote Controller



PQRCVSLO

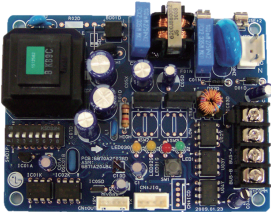
▲ Applicable for only MULTI V II, III series



PQRCVSLOQW

Model	PQRCVSLO / PQRCVSLOQW
Operation Mode	On_Off / Fan Speed / Mode / Temp.
On / Off LED	0
Room Temp.	0
Fan / Plasma / Heater	0
Vane Control / Auto Swing / Fan Auto	0
Reservation	Weekly / Simple
Timer Function	0
Child Lock	0
Electric Failure Compensation	Max 3 Hours
Wireless Remote Controller Receiver	0
Main / Sub Setting of Indoor Unit (For Override Function)	▲
2 Controllers to 1 indoor units	▲
Group and Central Control at the Same Time	▲
Size (mm)	120 x 120 x 15
Backlight Unit	▲

PI 485



PMNFP14A1

Power : Single phase AC 220V 50/60Hz

Max. no of the indoor units that can be connected: 64 UNITS

Model applied : MULTI V, MULTI, Single A

※ MULTI V II Series do not require any other PI 480 because PI 485 is inserted in their outdoor unit PCB.

Dry Contact

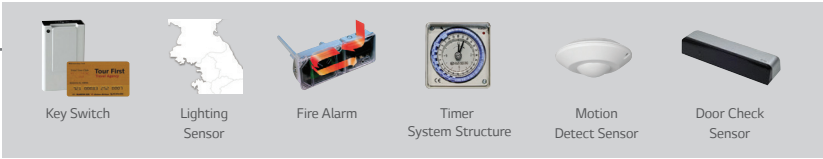


PDRYCB000 PDRYCB100 PDRYCB400

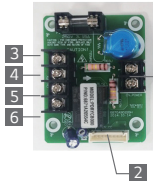
※ Refer to each mode PDB for applicable models.



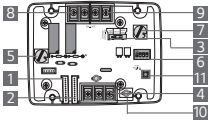
Dry contact
(Contact point linked with Outer part)



Part Description



1. CN-POWER : AC 220V / 24V
2. CN-CC : MAINPCB connector
3. CN-DRY(L) : DRY CONTROLLER connector
4. CN-DRY(SIG) : DRY CONTROLLER connector
5. CN-DRY(ERROR CHECK) : ERROR check display connector
6. CN-DRY(OPER STATE) : Operation display connector



1. CN_INDOOR2 : Connector for Main <-> Dry Contact
3. CHANGE_OVER_SW : Switch for selecting junction
4. CN_CONTROL : Connector for input junction signal
5. CONTROL_MODE_SW : Switch for selecting control mode
6. SETTING_SW : Switch for selecting Dry Contact setting function
7. TEMP_SETTING : Switch for setting desired temperature
8. CN_OUT(O1,O2) : Terminal Block for displaying main operation
9. CN_OUT(E3,E4) : Terminal Block for displaying main error
10. DISPLAY_LED : LED for displaying status of Dry Contact
11. RESET_SW : Reset Switch

Remote Controller



AKB74955603

Prestige

Artcool

New Deluxe

New Standard Plus



AKB74955602

Standard

Button	Display Screen	Description
	-	To turn On / Off the air conditioner.
	88°	To adjust the desired room temperature in cooling, heating or auto changeover mode.
COMFORT AIR		To adjust the air flow to deflect wind.
LIGHT OFF	-	To set the brightness of the display on the indoor unit.
MODE		To select the cooling mode.
		To select the heating mode.
		To select the dehumidification mode.
		To select the fan mode.
FAN SPEED		To select the auto changeover / auto operation mode.
		To adjust the fan speed.
ENERGY CTRL.		To bring the effect of the power saving.
JET MODE	Po	To change room temperature quickly.
		To adjust the air flow direction vertically or horizontally.
ROOM TEMP		To display the room temperature.
°C ↔ °F[5sec]		To change unit between °C and °F.
SET/ CANCEL	-	To set / cancel the functions and timer.
	-	To adjust time.
	-	To turn on / off air conditioner automatically.
	-	To cancel the timer settings.



AKB73996601

Stylist

Outcircle		
	On / Off button	Turns A/C or display screen on / off
	Temperature adjustment button	Adjusts the room temperature when ACO, cooling and heating.
	Indoor fan speed button	Adjusts the fan speed
Screen		
	Icon for moving a menu	Taps or to move a menu to the left or right.
	Set temperature display	Displays the room temperature when you tap the "Set Temp".
	Fan speed display	If additional functions are set, the fan speed and additional function(s) will display alternately.
	Icon for turning on/off the lighting of the indoor unit.	
	Operation mode display	Cooling / Auto Changeover / Dehumidifying / Heating / Air Circulation
	Battery status display	Displays the amount of battery left

LG Air-conditioning Introduction

The LG Electronics Air Conditioning and Energy Solution Business Unit is a total heating, ventilation and air conditioning (HVAC) and energy solution company, providing a full lineup of products including Residential Air Conditioning (RAC), System Air Conditioning (SAC), chiller, Building Management Systems (BMS) around the world.



Residential
Air Conditioner



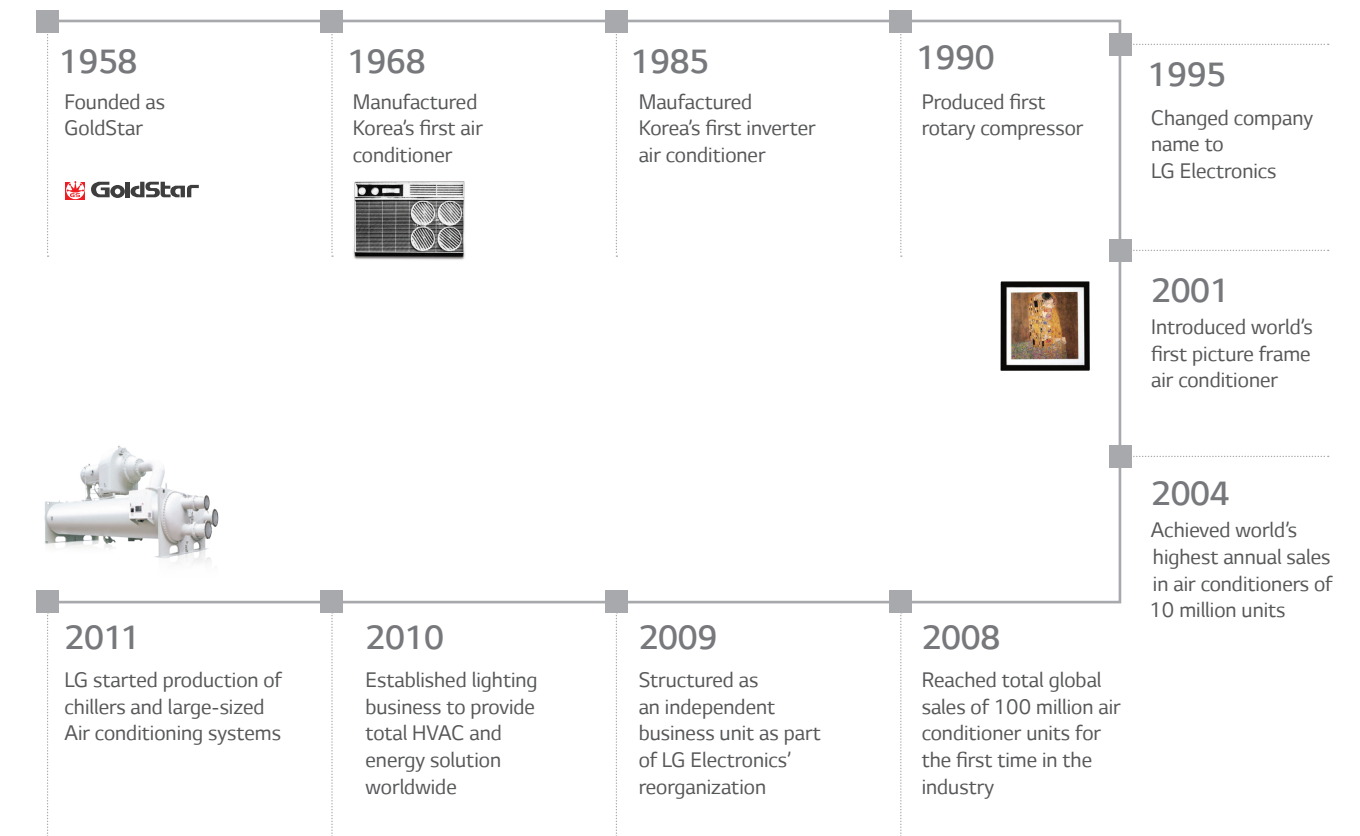
Chiller



System
Air Conditioner

Company Milestone

LG's consistent efforts in innovation have made LG Air Conditioning and Energy Solution a true global leader in HVAC businesses.



Research & Development

LG Research & Development Center

Research center is focused on procuring technology unique to LG, as well as strengthening core competitiveness applicable in all areas of business and developing the engine for future growth.

R&D Center - Korea



Corporate Research Lab



AC R&D Center



Company Research Lab



Design Research Center



Research Areas

- SR Motor & Controller
- Linear Compressor
- Multi-Split Wall Mounted Type
- Internet Central Controller
- Plasma Heat Exchanger
- Heat Recovery Ventilators

Testing Facilities

- R & D Labs
- High Elevation Testing
- Environment Test Labs
- Psychometric Testing Labs
- Quality Testing Labs

LG Air Conditioning Academy

The Academy and its advanced programs provide reliable and trustworthy support to guarantee ultimate comfort.

AC Academy Hub

• Korea



• Russia



• Mexico



• Spain



• Panama



• UAE



Quality Control

Mass production



IQC

- Part Life Test (ELT)
- 6sigma Distribution Control
- Vendor Quality Improvement
- Consulting



LQC

- Basic Performance Inspection
- Safety Inspection
- Movement/Structure/
- Appearance Inspection



OQC

- Structure / Appearance inspection
- Early Life Test (ELT)
- Smog Test (Refrigerant leakage)

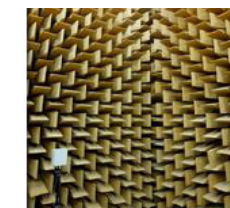
Development

- Performance Test (Cool/Heat)
- EER Test
- Abnormal Noise Test
- Reliability Test
- Safety Test
- Air current Distribution Test
- Temp./Humidity Performance Test

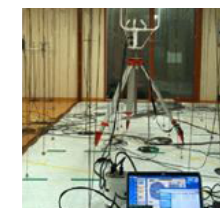
- Difference of altitude Test
- E.M.I (Electromagnetic Interference)
- E.M.S (Electromagnetic Susceptibility)
- EMC (Electromagnetic Compatibility)



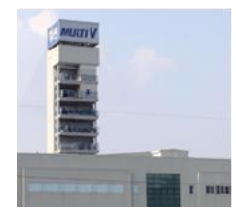
Quality Assurance Lab



Noise Testing Chamber



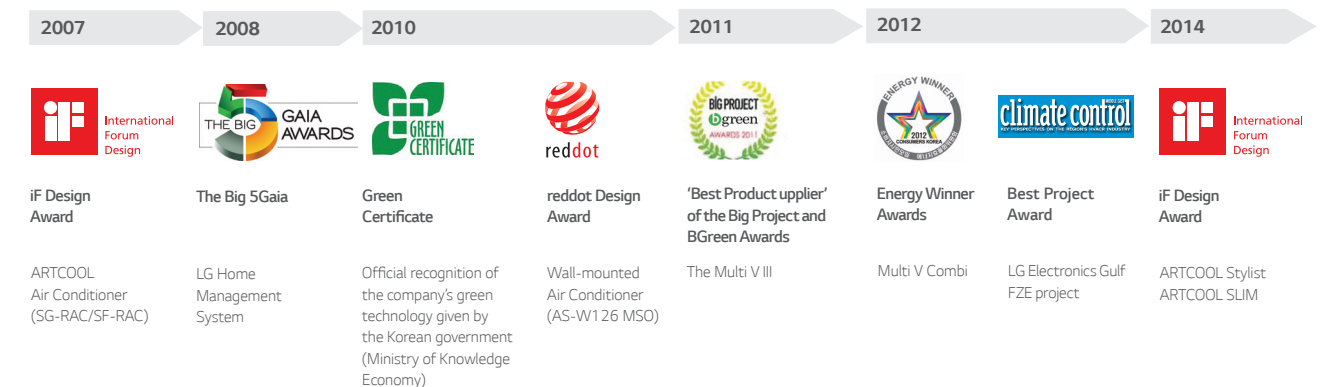
Environmental Testing Chamber



Long Piping and Elevation Testing

Award

LG air conditioners have been recognized in both outstanding performance and stylish design by diverse world renowned organizations in the form of having received many different prestigious awards.





www.lgeaircon.com

For continual product development, LG reserves the right to change specifications or designs without notice.
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