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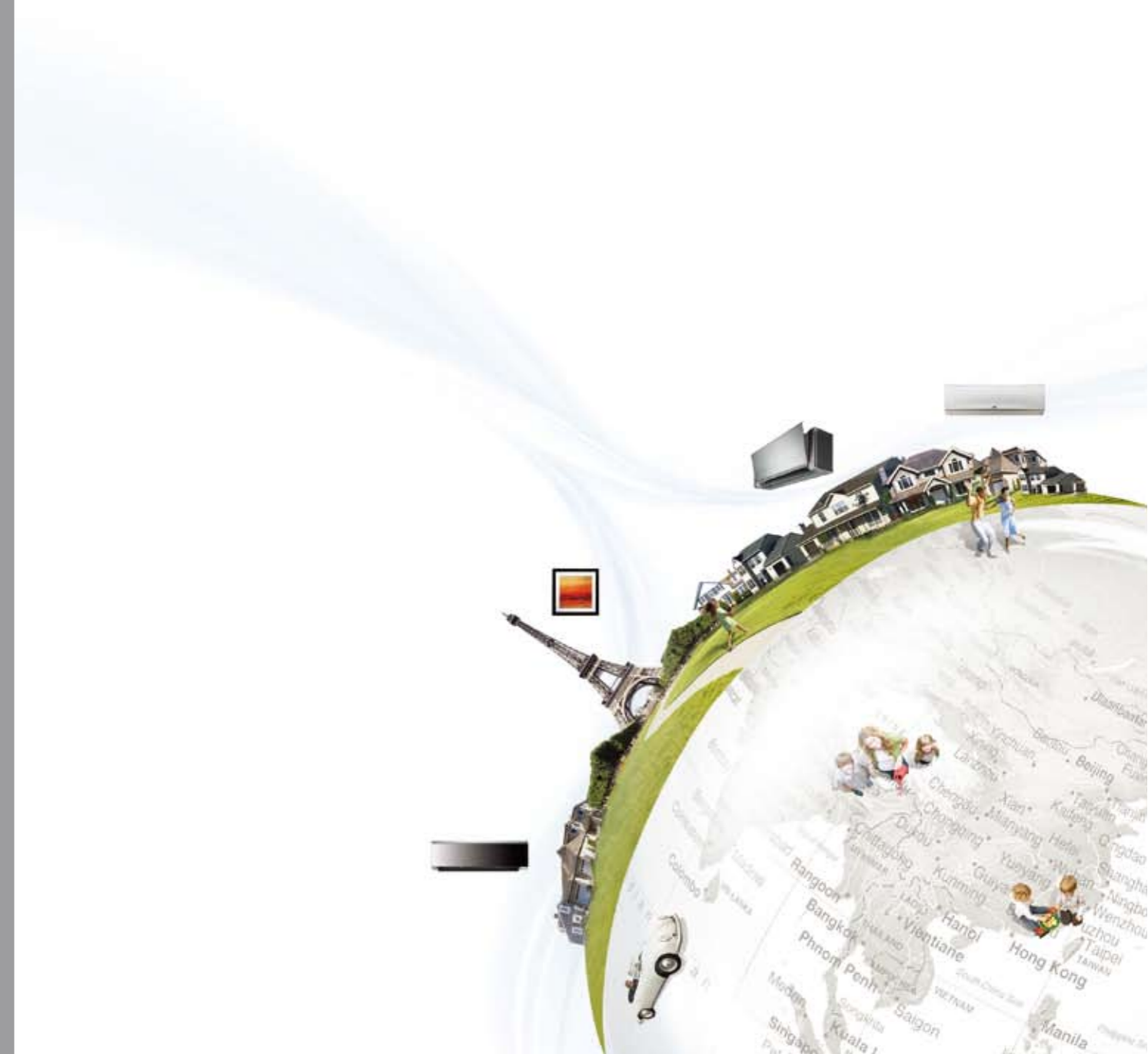
KlimaUredjaji.com



In development, LG reserves the right to change specifications without notice.
Inc. Printed in Korea January 2010

LG Residential Air Conditioners 2010

Enjoy Clean, Quiet, and Comfortable Air Conditioning with LG. It's all about comfort in the home, and offering you the perfect harmony of stylish design and smart technology that fits your life.



Comfort Everyone in a Greener Way

Pursuing a more comfortable life in today's complicated society has become second nature. However, we cannot afford to compromise the health of the environment for our own personal comfort. In order to achieve a balance between these two needs, LG provides products and solutions for those who seek comfortable lives in a greener way; comfort and eco-friendliness are our key values.


We at LG create optimal living and working conditions by enabling our customers to control their environment: including temperature, humidity and air quality to make them more comfortable. LG products are safe to operate and easy to manage and we provide our business partners with reliable and cost-effective solutions. Customer satisfaction motivates us to work closely and productively with our partners and we also offer a comprehensive after-sales and one-stop service system.

LG is committed to protecting our environment by enhancing the energy efficiency of our products and our business operations by adhering to eco-friendly principles. LG has been significantly investing in R&D and pursuing continuous innovation to enhance product energy efficiency. LG uses eco-friendly refrigerants in its air conditioners, which help save the ozone layer and all LG's products are produced under an 'Eco-Design' system, which ensures environmentally-friendly processes from production to disposal.

LG is fully committed to making the lives of our customers more comfortable in an environmentally sustainable way and we strive to ensure our business partners benefit from partnering with us. Our commitment and innovation enable us to uphold our key values - Green and Comfort. With commitment and innovation, we comfort everyone - our business partners and customers - in a greener way.



'Eco-Design, Energy Efficient,
Reduce CO2 Emissions'

Energy		Air-conditioner
Manufacturer		
Outside unit		
Inside unit		
More efficient		
A		
B		
C		
D		
E		
F		
G		
Less efficient		
Annual energy consumption, kWh in cooling mode		
<small>(Actual consumption will depend on how the appliance is used and climate)</small>		
Cooling output	kW	
Energy efficiency ratio		
<small>Full load (the higher the better)</small>		
Type		
Cooling only	—	
Cooling + heating	—	
Air cooled	—	
Water cooled	—	
Heat output	kW	
heating performance		
A: higher G: lower		
Noise		
<small>(dB(A) re 1 pW)</small>		
Further information is contained in product brochures		
Air-conditioner Energy Label Directive 2002/31/EC		

Energy Efficiency Class of The Unit In Cooling Mode :

- A** EER > 3,20
- B** 3,20 ≥ EER > 3,00
- C** 3,00 ≥ EER > 2,80
- D** 2,80 ≥ EER > 2,60
- E** 2,60 ≥ EER > 2,40
- F** 2,40 ≥ EER > 2,20
- G** 2,20 ≥ EER

Energy Efficiency Class of The Unit In Heating Mode :

- A** COP > 3,60
- B** 3,60 ≥ COP > 3,40
- C** 3,40 ≥ COP > 3,20
- D** 3,20 ≥ COP > 2,80
- E** 2,80 ≥ COP > 2,60
- F** 2,60 ≥ COP > 2,40
- G** 2,40 ≥ COP

Design Award



International
Forum
Design





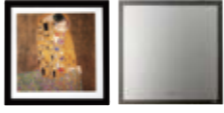






reddot design award



Good
Design
Mark

2010 Model Line-up

	Maestro	LIBERO	HERO	ART COOL	ART COOL Gallery	Inverter	Inverter	On/off	On/off	
										
	S09AQ 9K S12AQ 12K	CS09AQ 9K CS12AQ 12K CS18AQ 18K CS24AQ 24K	S09AF 9K S12AF 12K CS09AF 9K CS12AF 12K	CC09AW* 9K CC12AW* 12K CC18AW* 18K CC24AW* 24K	A09AW* 9K A12AW* 12K	S18AW 18K S24AW 24K S30AW 30K S36AW 36K	S09AT 9K S12AT 12K S18AT 18K S24AT 24K	S09AHP 9K S12AHP 12K S18AHP 18K S24AHP 24K	K09AH 9K K12AH 12K K18AH 18K K24AH 24K	
ECO Sensor	30% additional saving									
Energy Saving	9,000 Btu/h	Cooling A / Heating A (4.6) (4.6)	Cooling A/Heating A (4.6) (4.6)	Cooling A/Heating A (4.0) (4.1)	Cooling A/Heating A (4.1) (4.3)	Cooling A/Heating A		Cooling A/Heating A	Cooling A/Heating B	Cooling A/Heating B
	12,000 Btu/h	Cooling A / Heating A (4.0) (4.2)	Cooling A/Heating A (4.0) (4.2)	Cooling A/Heating A (3.3) (3.7)	Cooling A/Heating A (3.4) (3.7)	Cooling A/Heating A		Cooling A/Heating A	Cooling A/Heating B	Cooling A/Heating B
	18,000 Btu/h		Cooling A/Heating A (3.5) (3.8)		Cooling A/Heating A (3.3) (3.7)		Cooling A/Heating A	Cooling A/Heating A	Cooling C/Heating D	Cooling C/Heating D
	24,000 Btu/h		Cooling A / Heating A (3.2) (3.6)		Cooling C/Heating D (2.9) (3.1)		Cooling C/Heating D	Cooling C/Heating D	Cooling D/Heating E	Cooling D/Heating E
	30,000 Btu/h						Cooling B/Heating C			
	36,000 Btu/h						Cooling B/Heating C			
Air Flow	Direction control	Optimized 2 way air flow for cooling & Heating								
		Vertical 6 step/Horizontal 5 step	Auto swing/stop	3D air flow	Auto swing/stop					
Filter Clean	Allergy Free Filter	BAF Certification								
	Plasma Filter									
	Triple Filter									
Indoor Noise Level <small>*Only 9k,12k</small>	World Lowest noise level 19dB		20dB				20dB			
Humidification	Moisture Cooling									
Installation & SVC	Quick & Easy Installation (with supporter)									
	Smart phone Solution for Operation monitoring & Trouble shooting									



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

DC Inverter Technology

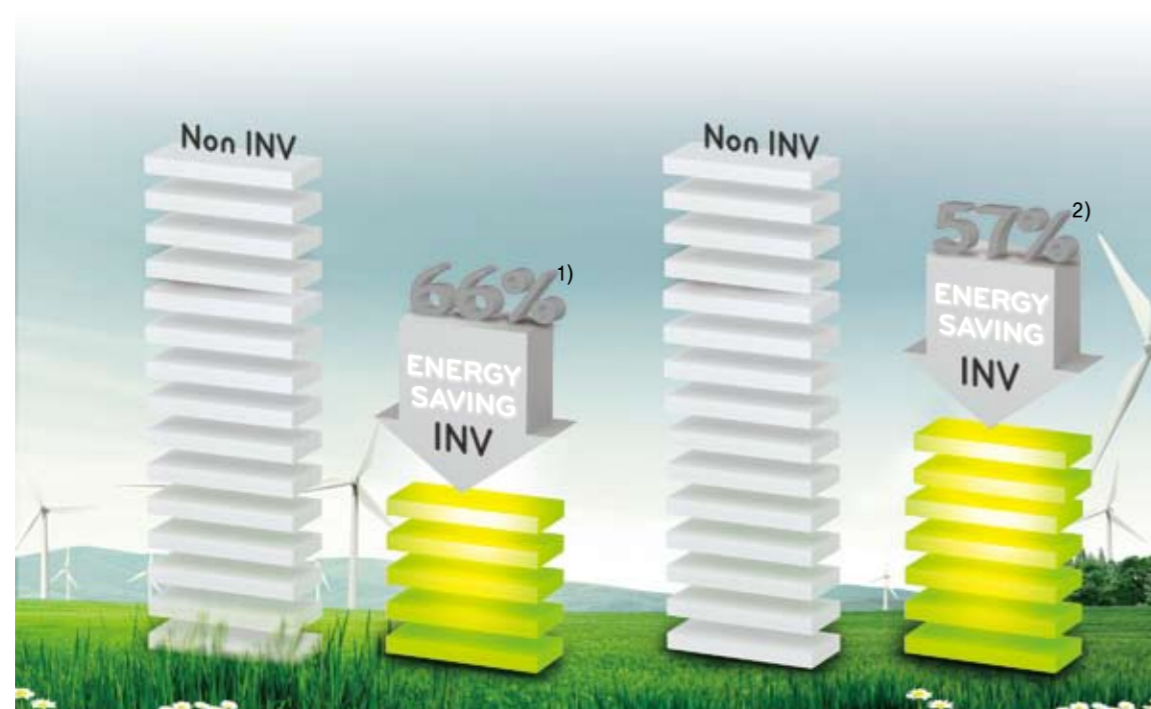
You may have heard the excitement about Inverter technology, LG Inverters are the pinnacle of energy efficiency due to the innovative operation. Rather than using a constant speed compressor, the LG Inverter system uses a variable speed compressor, which means the Cooling or Heating capacity of the Air Conditioning can be varied to suit Indoor conditions. This makes the LG Inverter Units more economical & efficient to operate, produce less noise than standard counterparts and contain most superior features on the market. All LG Inverter units have 6 major benefits including premium features like



More Energy Saving

Save energy by up to 66% with LG's DC Inverter Technology

As a way to fight global warming, heat pump products are recently receiving a lot of attention for its energy-saving effect. In particular, inverter heat pump products have incomparably higher energy efficiency than constant-speed, non-inverter units. As a result, LG DC Inverter products can help you save up to 57% of the energy in cooling and 66% in heating operation. By using an energy-efficient inverter product, you can do your part in reducing CO2 emission.



During Heating

During Cooling

Inverter model : S12AQ & CS12AQ / Non Inverter model : S12AHP

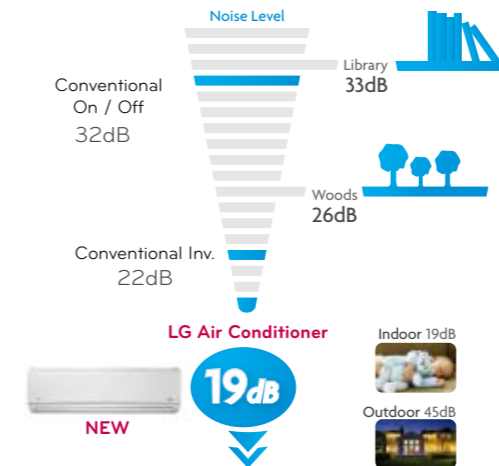
1) Comparison of cumulative electricity consumption during heating to reach setting temperature (LG in-house comparison) Test conditions - Outdoor temperature : 4°C / Setting temperature : 23°C

2) Comparison of cumulative electricity consumption during 2 month of cooling (LG in-house comparison) Test conditions - Setting temperature : 27°C



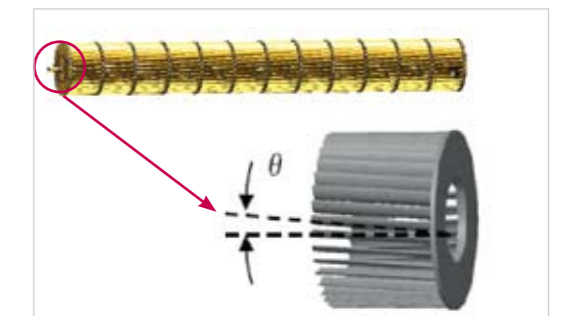
More Silent

The Inverter technology, the BLDC Motor technology, and LG's unique new Skew Fan technology have achieved the world's lowest noise level of 19dB. Thus, the Sleep mode will allow pleasant sleeping.



Skew Fan, LG's new technology

LG Air Conditioner has Skew Fan, a patent-pending feature that was developed by LG Electronics. With tilted blades, Skew Fan greatly reduced interference with the heat exchanger and achieved extremely quiet cooling.



More Strong

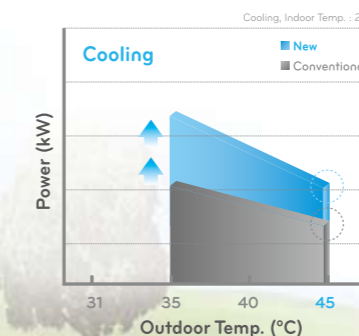
LG's New DC Inverter has further enhanced the basic cooling and heating performance, eliminating your worries over the sizzling summer weather and the freezing winter weather. The cooling performance has improved by 15%, and the heating performance has been enhanced by 30%.

Enhanced maximum cooling and heating performance

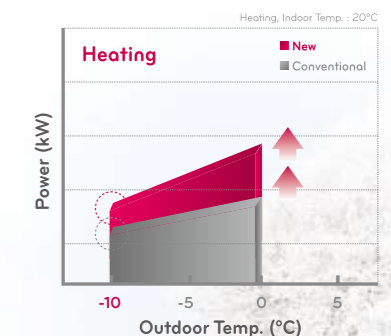
•Despite the outside bad conditions in summer, the air conditioner with enhanced performance can secure cooling temperatures.

•Even at the outside temperature of -10°C, the air conditioner can secure heating capabilities.

15% improved (Conventional contrast)



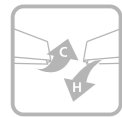
30% improved (Conventional contrast)





If you want customised climate control and airflow....

Optimised Airflow

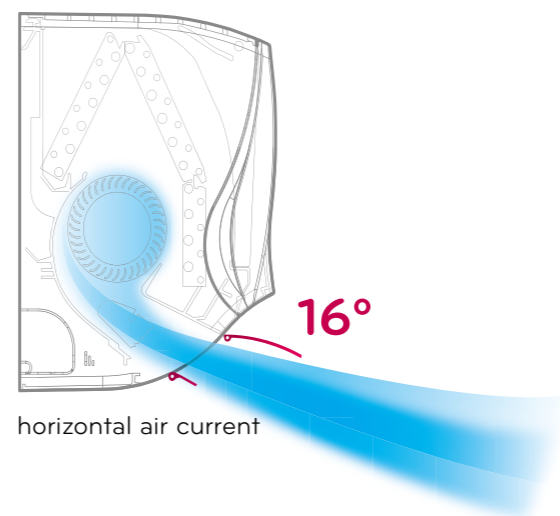


Optimized two way airflow for cooling and heating

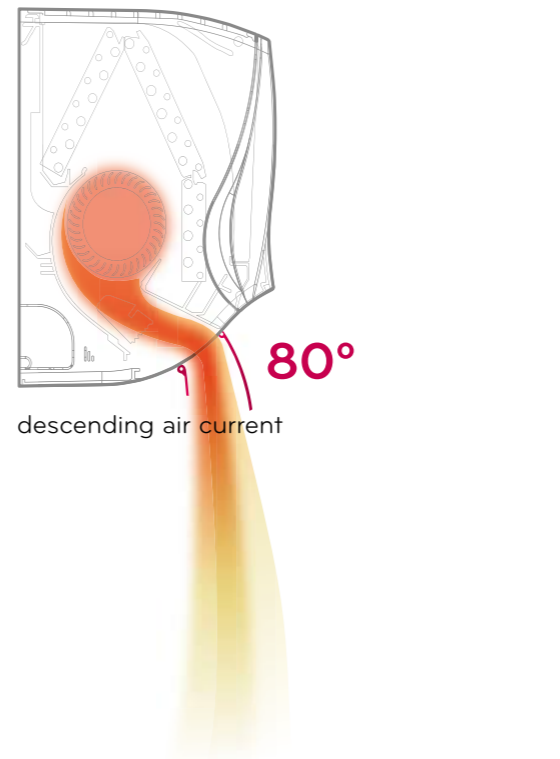
For cooling, the vane is adjusted upwards to let the cold air travel up and air condition a wider area. As for heating, the vane sends the heated air downwards to heat the space from the floor for a pleasant and balanced room temperature.



Cooling Mode

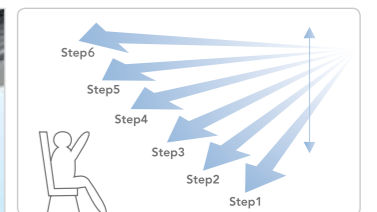


Heating Mode



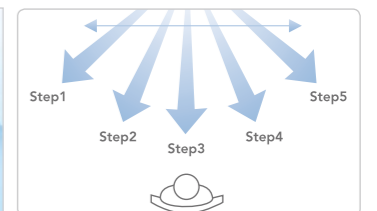
Horizontal Vane Step Control

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



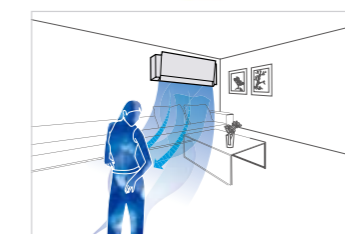
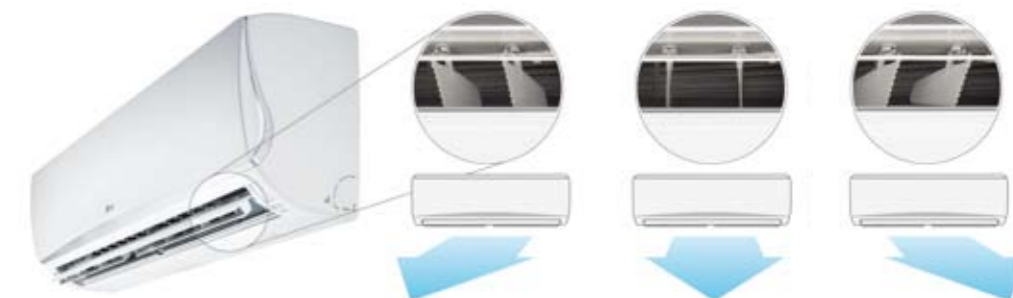
Vertical Louver Step Control (Optional)

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

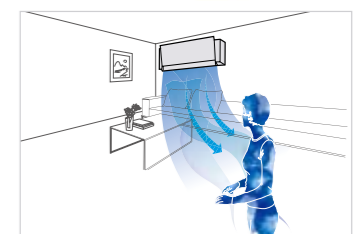


Stepping control

With vane that can be controlled by various steps, MAESTRO & LIBERO can send airflow in more precision and to a wider zone thus allowing the user to choose the location of indoor unit more freely.



Left Only



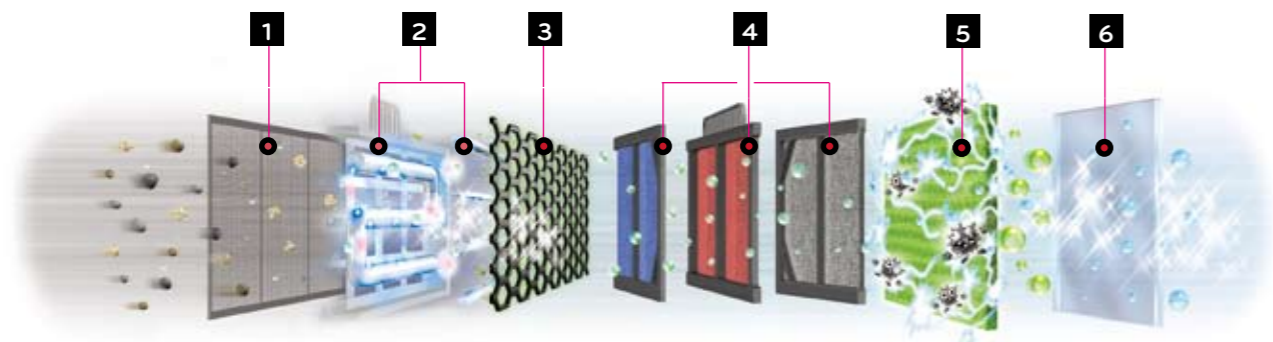
Right Only



If you care about your families health....

Air Purifying System

LG's unique Air Purifying system is equipped with 7 specialized filters in 5 separate stages to enhance its cleaning power. It reduces fine dust and mould, unpleasant odors and cigarette smoke as air passes each filter.



NEO-Plasma

- 1
- 2
- 3

Pre Filter

The antibacterial pre-filter primarily reduces large dust, mold and quilt dust.

Plasma Filter


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

Nano Carbon Filter

The Nano-size carbon filter removes fine odor particles at home for more fresh environment. Therefore, active Carbon filter will be replaced by Nano Carbon Ball filter. This product was also developed by LGE as promotion of the Household & Health Care and it is the first product using Nano technology all around the world. The state of the art Nano technology controls pore size, shape, and their distribution for deodorant effects.

What is Nano Carbon Ball?

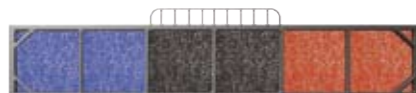
Microscopic sized (1/1000000000) filter to ensure optimal filtration of odors.




Triple Filter

- 4

The triple filter consists of three specialized filters to reduce the symptoms associated with various organic compounds including formaldehyde. It also has the ability to remove unpleasant odors creating a more comfortable environment.



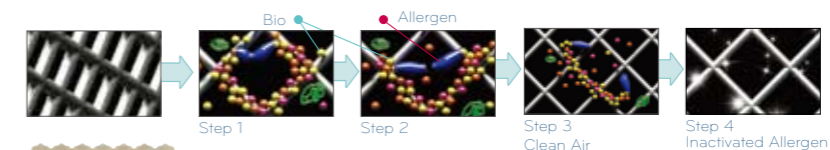
- Red filter removes stench in daily life such as smoke, fish-stink, food-smelling and foot-stink.
- Black filter removes the odor of construction ingredient such as formaldehyde.
- Blue filter removes the chemical substances such as a smell of fresh paint.



- 5

Allergy Free Filter

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



BAF Certification

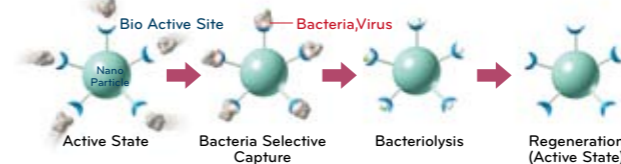
Recognised by the British Allergy Foundation and Allergy UK, the LG Air Conditioners have been proven to reduce allergens in the home, offering you healthy and comfortable climate control.



- 6

Nano Bio Fusion Filter

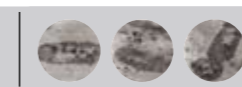
The Nano bio fusion filter allows its nano-size bio enzymes to directly penetrate through cell walls of bacteria and allergen to decompose into its cell nuclei.



Test Result Certification



Conventional
Simply inactivation of bacteria



Destruction of bacteria but allowing part of them to survive



Nano Bio Fusion Filter
The bio enzyme destroys cell walls and nuclei of bacteria and allergens, thus completely kills bacteria



If you are worried about having to take time off work for installation....

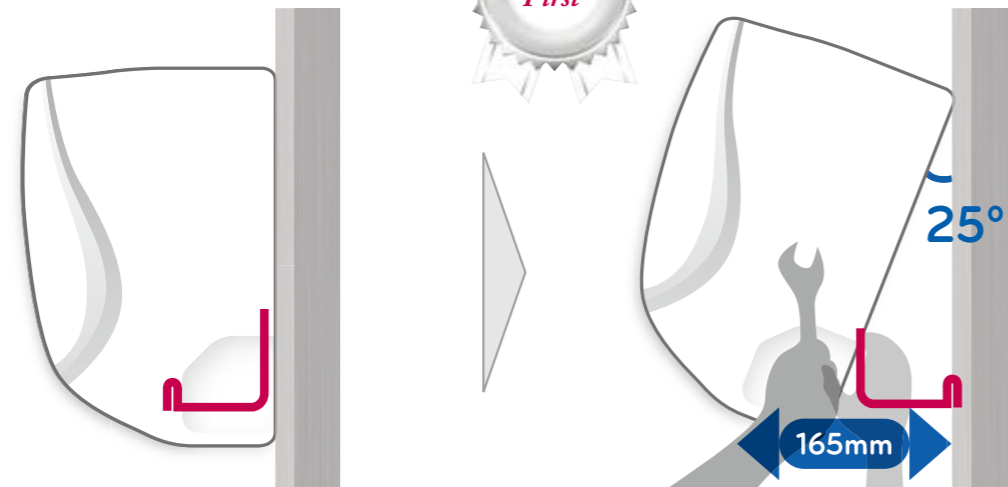
Quick & Easy Installation



Quick & Easy Installation

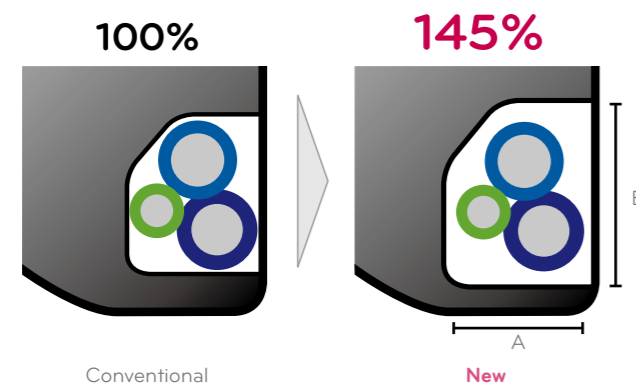
Installation support clip

Installation support clip makes installation easier



Bigger tubing space

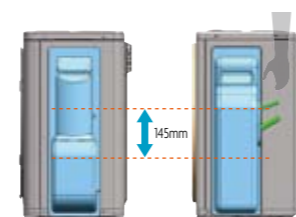
Wider installation space can make you installation much easier.



	LG	Co.A	Co.B	Co.C
A(mm)	67.7	50.0	60.0	45.0
B(mm)	72.0	80.0	70.0	70.0
%	116%	95%	100%	75%

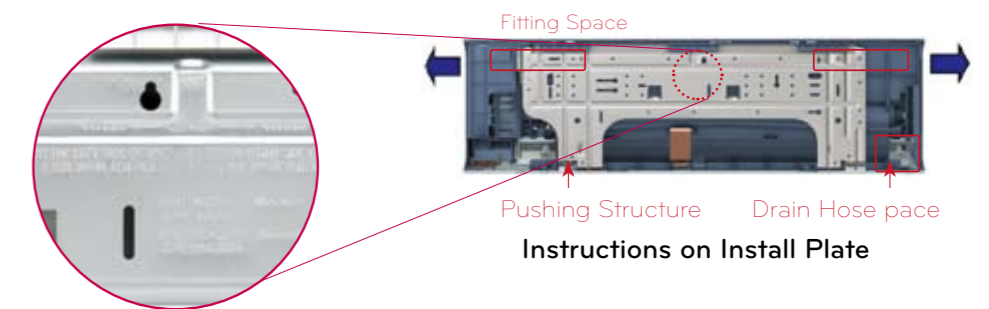
Elevated service valve

For convenient installation in places without balcony, location of service valve has been adjusted upward for workers to reach more easily.



Installation plate improvement

LG's installation plate is wider and modified to save installation time. The instruction tip engraved in the plate also enables easy installation without having to look through the manual.



Detachable bottom cover

LG's indoor unit has a detachable chassis bottom and a supporter, which makes installation possible without having to disassemble or support the unit. With LG's patented supporter, installation can be completed by just one person.



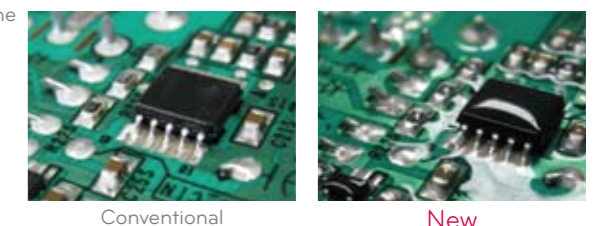
Conformal Coating Controller

High Reliability Conformal Coating

LG's controller is an silicon coating on the surface of the PCB. This ensures that the surface is more resistant to extreme environment condition.

1. Anti corrosion from salt
2. Anti malfunction from moisture, dust
3. Anti malfunction from insect

*Only Hero models



Conventional

New

If you are concern that it might be too complicated....

Convenient & Smart Control



Ez-Remote Controller

User Friendly & Modern Design and Easy use!!

Central Controller

LG units come with advanced control options, take for instance the Central Controller. Designed for the commercial application, where multiple Air Conditioning units have been installed. You can control or fault find up to 16-2048 Air Conditioning units (via 8 separate controllers) individually or all together.

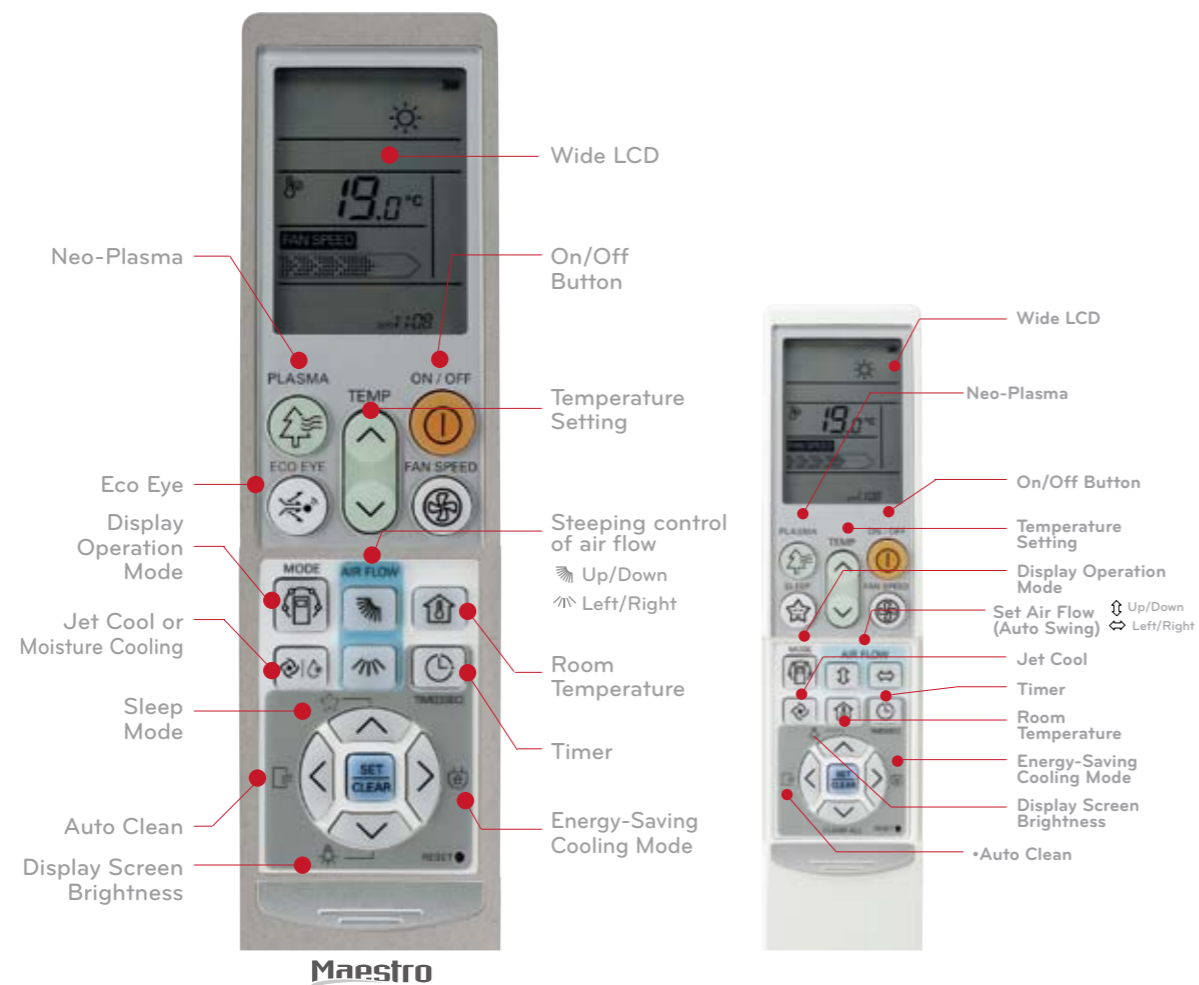
Easy Use

- Bigger size button
- Highlighted some buttons with different colors
- Easy to recognize functions with graphics

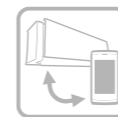


User Friendly Design

- Comfortable to grab
- Sliding type



Maestro

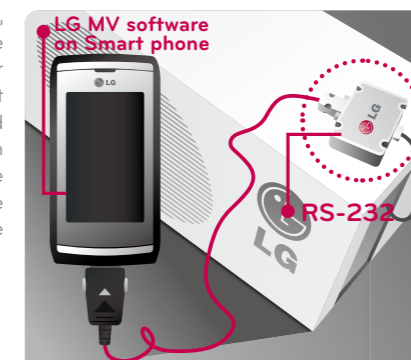


Smart phone Solution for Operation monitoring & Trouble shooting

The SmartPhone solution allows the user to accurately check the state of the inverter product, and to objectively estimate the pilot operation results. The SmartPhone enables much faster checking and allows it to be put in the pocket, compared with other notebooks which are difficult to use in the field and that requires a long booting time.

Smart phone connection

When faults have occurred, you can see the Error code during the check of indoor and outdoor units, select the Error code, and find solutions to each problem through Q&A. It is like the trouble shooting guide book embedded in the smart phone.



Wired



Bluetooth Module

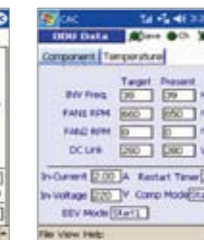
Operation Monitoring



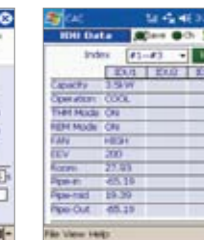
Select communication method and language



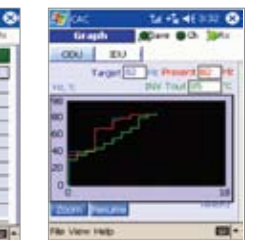
Check the installation status



Compressor operation status



Check the indoor unit status

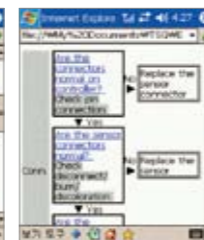


Operational status in line with the frequency

Troubleshooting on Smart phone



1. Select Error Code



2. Easy Process



3. Service Action

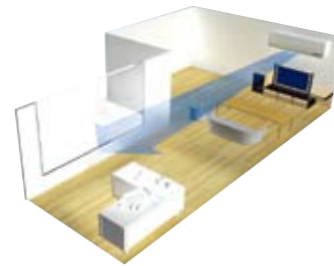
For cool and healthy summer...

For warm and safe winter...



Jet Cool™

The Jet cool function allows quick cooling. In this mode, strong, cool air is blown at high speed for 30 minutes, until the room temperature reaches 18°C.



Sleep Mode

With one touch of the Sleep mode button, it automatically programs the Air Conditioning Unit to turn off, controls the fan speed and adjusts the set temperature for a more comfortable sleep.



Healthy Dehumidification

Dehumidification mode reduces uncomfortable humidity from the room without over cooling.

Indoor Temperature Distribution Chart



Conventional
Since the surrounding temperature is measured after the air from the unit is widely distributed, an accurate assessment of the air is not possible.



LG Healthy Dehumidification
By increasing the Vane Angle, a better assessment of the actual temperature is possible to prevent over cooling.



Auto Clean

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



Conventional



LG Auto Clean



1 STEP

Dries the evaporator with gentle low noise air from the fan by removing any remaining moisture.

Pressing the Auto Clean button will activate the automatic cleaning function after the cooling operation.



2 STEP

Removes moulds through the Neo Plasma system.

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



Hot Start Function

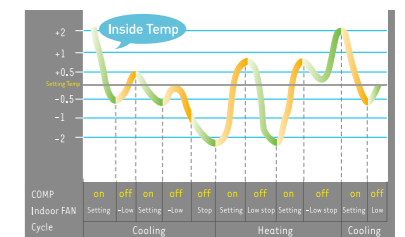
During starting of the unit in the heating mode it prevents cold air blowing from the unit. It starts the indoor fan only after indoor unit pipe temperature reaches a preset value (28°C). When indoor unit pipe temperature reaches 28°C, then for initial 1 minute the indoor fan runs at a low speed and after that at the setting speed.



Auto Changeover

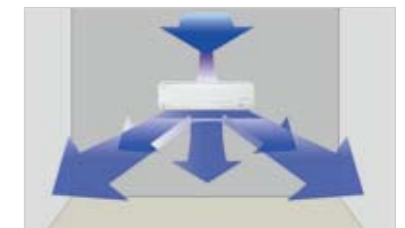
With heat pump model, cooling and heating operation is changed automatically on the base of setting temp.

- Initial Setting Temp: 18°C Memorize final setting temp.



4 Way Auto Swing

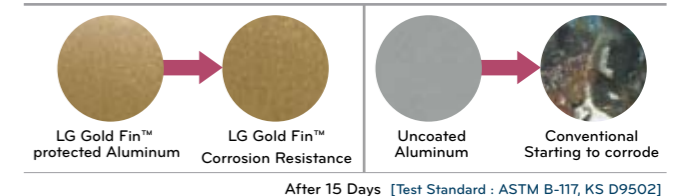
Most LG air conditioners automatically distribute the air to eliminate hot and cold patches to keep the room at a more constant temperature.



Anti Corrosion Gold Fin™

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

Salt Spray Test for 15 Days



Using an outdoor case made of galvanised steel, a metallic grill and electrostatic powder coated screws, LG outdoor units are built to last.

Test Result of Screw & Discharging Grill



preuzeto sa

Maestro *LIBERO HERO*

LG Electronics' products have led the global air conditioner market with excellent performance and innovative design. MAESTRO a brilliant new addition to LG's lineup, is a high-performance air conditioner with a high COP inverter and excellent design.



- Eco Eye
- High Efficiency
- Optimized Cooling and Heating
- Allergy Free Filter
- Moisture Cooling
- Quick & Easy Installation
- Neo Plasma +Triple Filter



A perfect harmony of stylish design and innovative technology.





S09AQ SBO
S12AQ SBO

- Eco Eye
- High Efficiency
- Optimized Cooling and Heating
- Allergy Free Filter
- Moisture Cooling
- Quick & Easy Installation
- Neo Plasma +Triple Filter



What is the reddot design award?

It is recognized for its excellent design by winning 'reddot design award' that is a design award representing Germany together with 'iF Design Award'.



2.5-3.5kW

Specifications

Model	INDOOR UNIT		S09AQ NBO		S12AQ NBO	
	OUTDOOR UNIT		S09AQU	UBO	S12AQU	UBO
Cooling Capacity	(Min/Rating/Max)	W	890 / 2,500 / 3,700		890 / 3,500 / 4,040	
		Btu/hr	3,070 / 8,530 / 12,620		3,070 / 11,900 / 13,800	
Heating Capacity	(Min/Rating/Max)	W	890 / 3,200 / 5,000		890 / 4,000 / 6,000	
		Btu/hr	3,070 / 10,920 / 17,060		3,070 / 13,600 / 20,470	
Input	Cooling	W	550		880	
	Heating	W	700		960	
Running Current	Cooling	A	2.4		4.0	
	Heating	A	3.1		4.3	
Power Supply		øV, Hz	1,220-240,50		1,220-240,50	
E.E.R	Cooling	W/W	4.55		3.98	
		Btu/hrW	15.52		13.57	
C.O.P	Heating	W/W	4.57		4.17	
ENERGY Efficiency Class	Cooling/Heating		A/A		A/A	
Noise Level (SoundPress,1m)	Indoor(H/M/L/Sleep)	dB(A)±3	38 / 33 / 23 / 19		39 / 33 / 23 / 19	
	Outdoor, Max	dB(A)±3	45		45	
Air Flow	Indoor, Max	m ³ /min(CFM)	12.0(423)		12.0(423)	
	Outdoor, Max	m ³ /min(CFM)	33(1165)		33(1165)	
Dehumidification Rate		l/h	1.1		1.3	
Refrigerant charge(R410A)		g	1000		1000	
SVC Valve	Liquid	mm(inch)	6.35(1/4)		6.35(1/4)	
	Gas	mm(inch)	9.52(3/8)		9.52(3/8)	
Dimensions (W*H*D)	Indoor	mm	895x285x195		895x285x195	
	Outdoor	mm	770x545x288		770x545x288	
Net Weight	Indoor	kg(lbs)	12(26.5)		12(26.5)	
	Outdoor	kg(lbs)	35(77.2)		35(77.2)	

Note: Specifications, design and feature are subject to change without prior notice.

The optimized airflow will reach you wherever you may be. Anti-allergy filters will take better care of your health. The moisture cooling function will moisten your space while the air conditioner is operating. Also, the sophisticated design is recognized by you and the world.



Smart Saving with Eco Eye

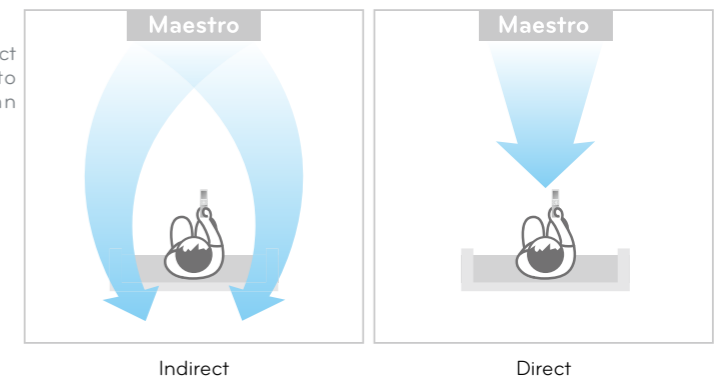
During starting of the unit in the heating mode it prevents cold air blowing from the unit. It starts the indoor fan only after indoor unit pipe temperature reaches a preset value (28°C). When indoor unit pipe temperature reaches 28°C, then for initial 1 minute the indoor fan runs at a low speed and after that at the setting speed.

Eco Eye

MAESTRO's new feature, 'Eco Eye' saves power consumption by sensing human motion

Customized airflow :

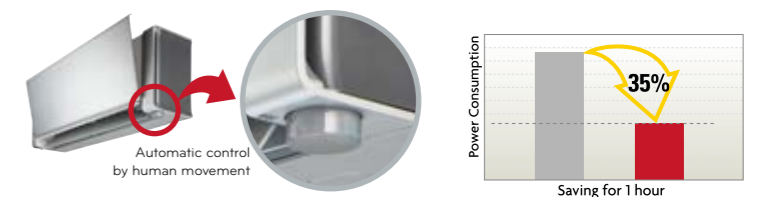
Sends out optimized direct or indirect airflow, which is set according to user's choice, by sensing human temperature and movement.



Smart-save :

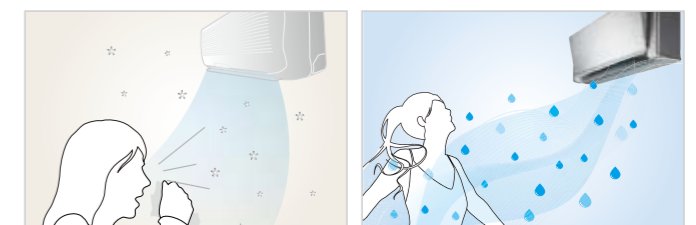
- Operates on power-save mode when there is no presence of human being in the zone.
- Saves energy by 35 percent when operated on smart-mode for 1 hour.

*LG Test Result



Moisture Cooling

Discomfort caused by dried nose and throat is one of the key reasons for not buying an air conditioner. To overcome this problem, a new operating algorithm was developed for MAESTRO to control not just temperature but also humidity. While other air conditioners remove moisture during operation, MAESTRO reaches the desired temperature while maintaining a comfortable humidity. The function is especially desirable for people with respiratory problems and those concerned with dry skin.



Conventional

Moisture Cooling



CS09AQ SBO
 CS12AQ SBO
 CS18AQ SCO
 CS24AQ SCO

- High Efficiency
- Optimized Cooling and Heating
- Allergy Free Filter
- Quick & Easy Installation
- Neo Plasma +Triple Filter
- Compatible with Inverter Multi System



CS09AQ / CS12AQ



CS18AQ / CS24AQ



LG Electronics' products have led the global air conditioner market with excellent performance and innovative design.



Powerful Air Throw

Keep cool this summer with our new larger fans that allow you to feel the air up to 12 metres away! This means that cooling is fast and powerful, allowing you to feel comfortable sooner, as the cool air reaches you. (Available models:CS18AQ/CS24AQ)



Compatible with Inverter Multi System

It comes in handy for warehouse administration and stock administration, because Libero Air conditioner can use indoor unit of inverter Multi System of LG.



Specifications

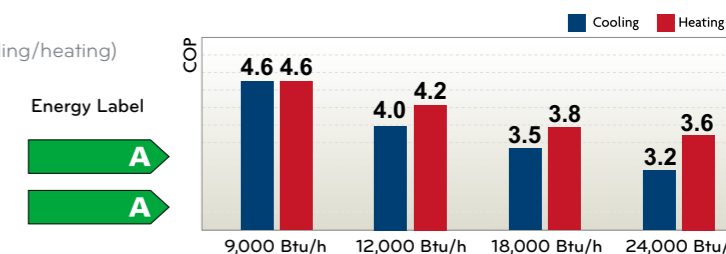
Model	INDOOR UNIT		CS09AQ		CS12AQ		CS18AQ		CS24AQ	
	OUTDOOR UNIT		NBO	S09AQ	NBO	S12AQ	NCO	S18AQ	NCO	S24AQ
Cooling Capacity	(Min/Rating/Max)	W	890/2,500/3,700		890 / 3500 / 4040		900 / 5,200 / 6,000		900 / 7,030 / 8,650	
		Btu/hr	3070/8530/12620		3070 / 11900 / 13800		3,070 / 17,743 / 20,472		3,070 / 24,000 / 29,515	
Heating Capacity	(Min/Rating/Max)	W	890/3200/5000		890 / 4000 / 6000		900 / 6,300 / 9,000		900 / 8,440 / 11,400	
		Btu/hr	3070/10920/17060		3070 / 13600 / 20470		3,070 / 21,496 / 30,709		3,070 / 28,800 / 38,898	
Input	Cooling	W	550		880		1,500		2,190	
	Heating	W	700		960		1,650		2,330	
Running Current	Cooling	A	2.4		4.0		6.6		9.8	
	Heating	A	3.1		4.3		7.3		10.4	
Power Supply		øV, Hz	1, 220-240, 50		1, 220-240, 50		1, 220-240, 50		1, 220-240, 50	
E.E.R	Cooling	W/W	4.55		3.98		3.5		3.2	
		Btu/hrW	15.52		13.57		11.8		11.0	
C.O.P	Heating	W/W	4.57		4.17		3.8		3.6	
	Cooling/Heating	A/A	A/A		A/A		A/A		A/A	
Noise Level (SoundPress,1m)	Indoor(H/M/L/Sleep)	dB(A)±3	38 / 33 / 23 / 19		39 / 33 / 23 / 19		42 / 40 / 35 / 29		45 / 40 / 35 / 29	
	Outdoor, Max	dB(A)±3	45		45		51		53	
Air Flow	Indoor, Max	m³/min(CFM)	12.0(423)		12.0(423)		19.5(689)		22(777)	
	Outdoor, Max	m³/min(CFM)	33(1165)		33(1165)		60(2,119)		60(2,119)	
Dehumidification Rate		l/h	1.1		1.3		1.9		2.6	
Refrigerant charge(R410A)		g	1,000		1,000		1,350		1,800	
SVC Valve	Liquid	mm(inch)	6.35(1/4)		6.35(1/4)		6.35(1/4)		9.52(3/8)	
	Gas	mm(inch)	9.52(3/8)		9.52(3/8)		12.70(1/2)		15.88(5/8)	
Dimensions (W*H*D)	Indoor	mm	885x285x210		885x285x210		1,030*325*250		1,030*325*250	
	Outdoor	mm	770x545x288		770x545x288		870*655*320		870*800*320	
Net Weight	Indoor	kg(lbs)	11(24.5)		11(24.5)		17(37.5)		17(37.5)	
	Outdoor	kg(lbs)	35(77.2)		35(77.2)		46(101.4)		60(132.3)	

Note: Specifications, design and feature are subject to change without prior notice.



High Efficiency

LIBERO received AA energy label (cooling/heating) for 9k to 24k respectively





Sup preuzeto sa KlimaUredjaji.com

HERO

New



S09AF SHO
S12AF SHO

- Optimized Cooling and Heating
- Allergy Free Filter
- Triple Air Filter
- Quick & Easy Installation
- Low Noise
- Auto Cleaning



2.5-3.5kW

Specifications

Model	INDOOR UNIT OUTDOOR UNIT		S09AF NHO / CS09AF NHO S09AF UHO	S12AF NHO / CS12AF NHO S12AF UHO
Cooling Capacity	(Min/Rating/Max)	W	890 / 2,500 / 3,700	900 / 3,500 / 4,040
		Btu/hr	3,040 / 8,500 / 12,600	3,070 / 11,900 / 13,800
Heating Capacity	(Min/Rating/Max)	W	890 / 3,200 / 4,100	890 / 4,010 / 5,100
		Btu/hr	3,040 / 10,900 / 14,000	3,070 / 13,700 / 17,400
Input	Cooling	W	620	1,060
	Heating	W	780	1,080
Running Current	Cooling	A	2.8	4.7
	Heating	A	3.5	4.8
Power Supply		øV, Hz	1, 220-240, 50	1, 220-240, 50
E.E.R	Cooling	W/W	4.03	3.3
		Btu/hrW	13.65	11.26
C.O.P	Heating	W/W	4.10	3.71
ENERGY Efficiency Class	Cooling/Heating		A/A	A/A
Noise Level (SoundPress,1m)	Indoor(H/M/L/Sleep)	dB(A)±3	37/33/25/20	38/33/25/20
	Outdoor, Max	dB(A)±3	47	47
Air Flow	Indoor, Max	m ³ /min(CFM)	11(388)	12(423)
	Outdoor, Max	m ³ /min(CFM)	27(953)	27(953)
Dehumidification Rate		l/h	1.1	1.3
Refrigerant charge(R410A)		g	900	900
SVC Valve	Liquid	mm(inch)	6.35(1/4)	6.35(1/4)
	Gas	mm(inch)	9.52(3/8)	9.52(3/8)
Dimensions (W*H*D)	Indoor	mm	798*290*210	798*290*210
	Outdoor	mm	717*483*230	717*483*230
Net Weight	Indoor	kg(lbs)	8.5(18.7)	8.5(18.7)
	Outdoor	kg(lbs)	28(61.7)	28(61.7)

Note: Specifications, design and feature are subject to change without prior notice.
CS09AF NHO, CS12AF NHO → Compatible with Inverter Multi System

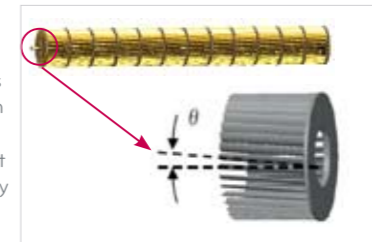
20 dB

Low Noise Level

The indoor unit has a quiet operational noise level in the sleep mode to offer you peace and quiet for the bedroom or office. For example, LG model S09AF in sleep mode is only 20dB. In addition, the outdoor units have reduced vibration and noise thanks to a super quiet fan and motor.

Skew Fan, LG's new technology

LG Air Conditioner has Skew Fan, a patent-pending feature that was developed by LG Electronics. With tilted blades, Skew Fan greatly reduced interference with the heat exchanger and achieved extremely quiet cooling.



Optimized two way airflow for cooling and heating

For cooling, the vane is adjusted upwards to let the cold air travel up and air condition a wider area. As for heating, the vane sends the heated air downwards to heat the space from the floor for a pleasant and balanced room temperature.



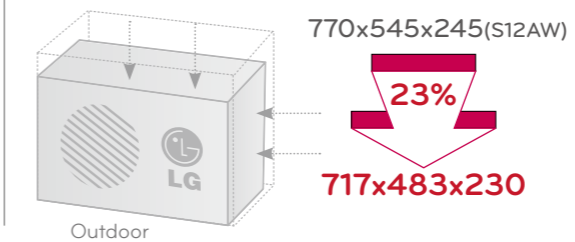
Quick & Easy Installation

Detachable bottom cover

LG's indoor unit has a detachable chassis bottom and a supporter, which makes installation possible without having to disassemble or support the unit. With LG's patented supporter, installation can be completed by just one person.



Compact outdoor unit



ART COOL

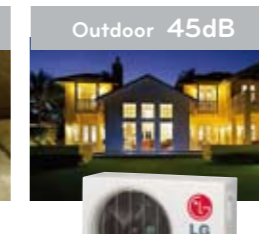
LG ART COOL will certainly beautify your space. World-recognized refined designs will catch your attention. Also, powerful cooling will fascinate you. Fill your space with ART COOL's pleasantly cool breeze and upscale designs.



20 dB

Low Noise Level

The indoor unit has a quiet operational noise level in the sleep mode to offer you peace and quiet for the bedroom or office. For example, LG model C09AWR in sleep mode is only 20dB. In addition, the outdoor units have reduced vibration and noise thanks to a super quiet fan and motor.



Changeable Colour Panel

Available in 3 colours that are easy to change. The modern design and premium finish will compliment any interior decor. This makes the LG Inverter Units more economical & efficient to operate, produce less noise than standard counterparts and contain most superior features on the market. All LG Inverter units have 6 major benefits including premium features like

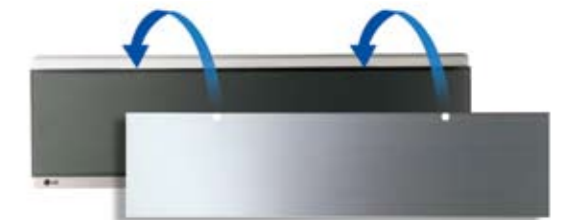


Photo Changeable

You no longer have to be told what your air conditioner should look like. With LG's revolutionary ARTCOOL Photo Changeable, you can simply change the look of your air conditioner to what you want, when you want to.





CC09AW* SE3
CC12AW* SE3

- NEO Plasma + Triple Filter
- Anti Corrosion Gold Fin
- Auto Cleaning
- Changeable Colour Panel
- Auto Changeover
- Ez Remote Controller



Inverter
ART COOL



*Mirror CC09 / 12 AWR



*Silver CC09 / 12 AWR



(R=Mirror / V=Silver)



2.6-3.5kW

CC18AW S83
CC24AW S83

- NEO Plasma + Triple Filter
- Anti Corrosion Gold Fin
- Auto Cleaning
- Changeable Colour Panel
- Auto Changeover
- Ez Remote Controller



inverter
ART COOL



*Mirror CC18 / 24 AWR



*Silver CC18 / 24 AWR



(R=Mirror / V=Silver)



5.3kW

7.0-8.0kW

Specifications

Model	INDOOR UNIT		CC09AW* NE3 CC09AWU UE3	CC12AW* NE3 CC12AWU UE3
	OUTDOOR UNIT			
Cooling Capacity	(Min/Rating/Max)	W	890 / 2,500 / 3,699	890 / 3,500 / 4,044
		Btu/hr	3,070 / 8,530 / 12,620	3,070 / 11,940 / 13,800
Heating Capacity	(Min/Rating/Max)	W	890 / 3,250 / 5,000	890 / 4,200 / 5,486
		Btu/hr	3,070 / 11,080 / 17,060	3,070 / 14,330 / 18,720
Input	Cooling	W	610	1030
	Heating	W	760	1130
Running Current	Cooling	A	2.8	4.7
	Heating	A	3.5	5.1
Power Supply		øV, Hz	1,220-240,50	1,220-240,50
E.E.R	Cooling	W/W	4.10	3.40
		Btu/hrW	13.98	11.59
C.O.P	Heating	W/W	4.28	3.72
			A/A	A/A
ENERGY Efficiency Class	Cooling/Heating		A/A	A/A
Noise Level (SoundPress,1m)	Indoor(H/M/L/Sleep)	dB(A)±3	37 / 29 / 25 / 20	38 / 29 / 25 / 20
	Outdoor, Max	dB(A)±3	45	45
Air Flow	Indoor, Max	m³/min	10.5(371)	10.5(371)
	Outdoor, Max	m³/min	27(954)	27(954)
Dehumidification Rate		l/h	1.2	1.2
Refrigerant charge(R410A)		g	1000	1000
SVC Valve	Liquid	mm(inch)	6.35(1/4)	6.35(1/4)
	Gas	mm(inch)	9.52(3/8)	9.52(3/8)
Dimensions (W*H*D)	Indoor	mm	912x282x165	912x282x165
	Outdoor	mm	770x545x245	770x545x245
Net Weight	Indoor	kg(lbs)	10(22)	10(22)
	Outdoor	kg(lbs)	32(71)	32(71)

Note: Specifications, design and feature are subject to change without prior notice.

Specifications

Model	INDOOR UNIT		CC18AW* N83 CC18AWU U83	CC24AW* N83 CC24AWU U83
	OUTDOOR UNIT			
Cooling Capacity	(Min/Rating/Max)	W	900 / 5,280 / 5,800	3,870/7,030/7,740
		Btu/hr	3,070 / 18,000 / 19,800	13,200/24,000/26,400
Heating Capacity	(Min/Rating/Max)	W	900 / 5,800 / 6,650	3,370/8,080/8,880
		Btu/hr	3,070 / 19,790 / 22,700	11,500/27,570/30,300
Input	Cooling	W	1610	2420
	Heating	W	1570	2600
Running Current	Cooling	A	7.2	11
	Heating	A	7.0	12.5
Power Supply		øV, Hz	1,220-240,50	1,220-240, 50
E.E.R	Cooling	W/W	3.28	2.90
		Btu/hrW	11.20	9.92
C.O.P	Heating	W/W	3.69	3.1
			A/A	C/D
ENERGY Efficiency Class	Cooling/Heating		A/A	C/D
Noise Level (SoundPress,1m)	Indoor(H/M/L/Sleep)	dB(A)±3	42 / 39 / 36 / 34	43 / 40 / 36 / 34
	Outdoor, Max	dB(A)±3	52	53
Air Flow	Indoor, Max	m³/min	16(565)	20.3(717)
	Outdoor, Max	m³/min	42(1483)	58(2048)
Dehumidification Rate		l/h	2.1	2.7
Refrigerant charge(R410A)		g	1350	1800
SVC Valve	Liquid	mm(inch)	6.35(1/4)	9.52(3/8)
	Gas	mm(inch)	12.7(1/2)	15.88(5/8)
Dimensions (W*H*D)	Indoor	mm	1107x299x200	1107x299x200
	Outdoor	mm	870x655x320	870x800x320
Net Weight	Indoor	kg(lbs)	15(33.1)	15(33.1)
	Outdoor	kg(lbs)	51(111.4)	60(132)

Note: Specifications, design and feature are subject to change without prior notice.



A09AW1 SF2
A12AW1 SF2

- NEO Plasma
- Anti Corrosion Gold Fin
- Auto Cleaning
- Photo Changeable
- 3-Dimensional Air Flow
- Ez Remote Controller



Inverter
ART COOL



Sample



Pictures are easily changeable at anytime with your own pictures/photos.



A09AW* SF2
A12AW* SF2

- NEO Plasma
- Anti Corrosion Gold Fin
- Auto Cleaning
- 3-Dimensional Air Flow
- Ez Remote Controller

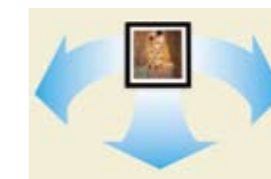
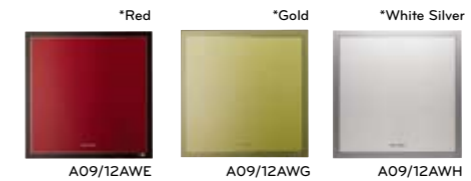


inverter
ART COOL



*Silver

A09/12AWV



3-Dimensional Air Flow
Designed like a work of art, and the new concept of 3 dimensional air flow. It gives even cooling as well as quick cooling from front and bothsides making the space evenly cool.

Specifications

Model	INDOOR UNIT OUTDOOR UNIT		A09AW1 NF2 A09AWU UF2	A12AW1 NF2 A12AWU UF2
Cooling Capacity	(Min/Rating/Max)	W	1,300 / 2,700 / 3,500	1,300 / 3,500 / 4,000
		Btu/hr	4,436 / 9,210 / 11,942	4,436 / 11,940 / 13,648
Heating Capacity	(Min/Rating/Max)	W	1,300 / 3,500 / 4,200	1,300 / 4,200 / 5,000
		Btu/hr	4,436 / 11,940 / 14,330	4,436 / 14,330 / 17,060
Input	Cooling	W	830	1,090
	Heating	W	960	1,160
Running Current	Cooling	A	3.8	4.9
	Heating	A	4.4	5.2
Power Supply		øV, Hz	1,220-240,50	1,220-240,50
E.E.R	Cooling	W/W	3.25	3.21
		Btu/hrW	11.10	10.95
C.O.P	Heating	W/W	3.65	3.62
ENERGY Efficiency Class	Cooling/Heating		A/A	A/A
Noise Level	Indoor(H/M/L/Sleep)	dB(A)±3	35/29/25/22	39/32/25/23
(SoundPress,1m)	Outdoor, Max	dB(A)±3	48	48
Air Flow	Indoor, Max	m³/min	8(283)	9.5(335)
	Outdoor, Max	m³/min	26(918)	34(1,200)
Dehumidification Rate		l/h	1.2	1.5
Refrigerant charge(R410A)		g	1,000	1,000
SVC Valve	Liquid	mm(inch)	6.35(1/4)	6.35(1/4)
	Gas	mm(inch)	9.52(3/8)	9.52(3/8)
Dimensions	Indoor	mm	600x600x146	600x600x146
	Outdoor	mm	770x545x245	770x545x245
Net Weight	Indoor	kg(lbs)	15(33)	15(33)
	Outdoor	kg(lbs)	32(71)	32(71)

Note: Specifications, design and feature are subject to change without prior notice.

Specifications

Model	INDOOR UNIT OUTDOOR UNIT		A09AW* NF2 A09AWU UF2	A12AW* NF2 A12AWU UF2
Cooling Capacity	(Min/Rating/Max)	W	1,300 / 2,700 / 3,500	1,300 / 3,500 / 4,000
		Btu/hr	4,436 / 9,210 / 11,942	4,436 / 11,940 / 13,648
Heating Capacity	(Min/Rating/Max)	W	1,300 / 3,500 / 4,200	1,300 / 4,200 / 5,000
		Btu/hr	4,436 / 11,940 / 14,330	4,436 / 14,330 / 17,060
Input	Cooling	W	830	1,090
	Heating	W	960	1,160
Running Current	Cooling	A	3.8	4.9
	Heating	A	4.4	5.2
Power Supply		øV, Hz	1,220-240,50	1,220-240,50
E.E.R	Cooling	W/W	3.25	3.21
		Btu/hrW	11.10	10.95
C.O.P	Heating	W/W	3.65	3.62
ENERGY Efficiency Class	Cooling/Heating		A/A	A/A
Noise Level	Indoor(H/M/L/Sleep)	dB(A)±3	35/29/25/22	39/32/25/23
(SoundPress,1m)	Outdoor, Max	dB(A)±3	48	48
Air Flow	Indoor, Max	m³/min	8(283)	9.5(335)
	Outdoor, Max	m³/min	26(918)	34(1,200)
Dehumidification Rate		l/h	1.2	1.5
Refrigerant charge(R410A)		g	1,000	1,000
SVC Valve	Liquid	mm(inch)	6.35(1/4)	6.35(1/4)
	Gas	mm(inch)	9.52(3/8)	9.52(3/8)
Dimensions	Indoor	mm	600x600x146	600x600x146
	Outdoor	mm	770x545x245	770x545x245
Net Weight	Indoor	kg(lbs)	15(33)	15(33)
	Outdoor	kg(lbs)	32(71)	32(71)

Note: Specifications, design and feature are subject to change without prior notice.

Wall Mounted Type

LG ART COOL will certainly beautify your space. World-recognized refined designs will catch your attention. Also, powerful cooling will fascinate you. Fill your space with ART COOL's pleasantly cool breeze and upscale designs.

inverter
Wall Mounted Type



- S18AW S53
- S24AW S53
- S30AW SD0
- S36AW SD0

- NEO Plasma + Triple Filter
- Anti Corrosion Gold Fin
- Auto Cleaning
- Auto Changeover
- Wireless Remote Controller



Specifications

Model	INDOOR UNIT		S18AW N53		S24AW N53		S30AW NDO		S36AW NDO	
	OUTDOOR UNIT		S18AW U53		S24AW U53		S30AW UDO		S36AW UDO	
Cooling Capacity	(Min/Rating/Max)	W	900 / 5,280 / 5,800		3,870 / 7,030 / 7,473		3,600 / 8,000 / 8,800		4,000 / 9,000 / 9,800	
		Btu/hr	3,070 / 18,000 / 19,800		13,200 / 24,000 / 25,500		12,283 / 27,296 / 30,206		13,684 / 30,708 / 33,438	
Heating Capacity	(Min/Rating/Max)	W	900 / 5,800 / 6,650		3,605 / 8,080 / 8,407		5,300 / 9,600 / 10,200		5,600 / 10,400 / 11,000	
		Btu/hr	3,070 / 19,790 / 22,700		12,300 / 27,570 / 29,700		18,084 / 32,775 / 34,802		19,107 / 35,485 / 37,532	
Input	Cooling	W	1,610		2,420		2,650		2,980	
	Heating	W	1,570		2,790		3,180		3,450	
Running Current	Cooling	A	7.2		11		12		13.6	
	Heating	A	7.0		12.5		14.5		16.5	
Power Supply		øV, Hz	1,220-240,50		1,220-240,50		1, 220-240, 50		1, 220-240, 50	
E.E.R	Cooling	W/W	3.28		2.90		3.02		3.02	
		Btu/hrW	11.20		9.92		10.30		10.30	
C.O.P	Heating	W/W	3.69		2.90		3.02		3.01	
	Cooling/Heating		A/A		C/D		B/C		B/C	
ENERGY Efficiency Class			A/A		C/D		B/C		B/C	
	Noise Level (SoundPress,1m)	Indoor(H/M/L/Sleep)	dB(A)±3		42 / 39 / 36 / 34		45 / 42 / 37 / 35		46/43/39	
Air Flow	Outdoor, Max	dB(A)±3	52		53		54		58	
	Indoor, Max	m³/min(CFM)	16(565)		18(636)		21(350)		25(416)	
Dehumidification Rate	Outdoor, Max	m³/min(CFM)	42(1483)		58(2,048)		58(966)		68(1133)	
		l/h	2.1		2.7		3.5		4.2	
Refrigerant charge(R410A)		g	1350		1800		1,800		2,200	
SVC Valve	Liquid	mm(inch)	6.35(1/4)		9.52(3/8)		6.35(1/4)		6.35(1/4)	
	Gas	mm(inch)	12.7(1/2)		15.88(5/8)		15.88(5/8)		15.88(5/8)	
Dimensions (W*H*D)	Indoor	mm	1090x300x178		1090x300x178		1,209x346x205		1,209x346x205	
	Outdoor	mm	870x655x320		870x800x320		870x800x320		870x1060x320	
Net Weight	Indoor	kg(lbs)	13(29)		13(29)		18(39.7)		19(41.9)	
	Outdoor	kg(lbs)	51(111.4)		60(132)		60(132.3)		75(165.3)	

Note: Specifications, design and feature are subject to change without prior notice.



S09AT SE3S
S12AT SE3S
S18AT S53S
S24AT S52S

- NEO Plasma + Triple Filter
- Anti Corrosion Gold Fin
- Auto Cleaning
- Auto Changeover
- Wireless Remote Controller



Inverter
Wall Mounted Type



2.6-3.5kW 5.3kW 7.0kW

S09AHP S42
S12AHP SE2
S18AHP S52
S24AHP S52

- NEO Plasma
- Anti Corrosion Gold Fin
- Auto Cleaning
- Auto Changeover
- Wireless Remote Controller



vwall Mounted Type



2.6-3.5kW 5.3kW 7.0-8.0kW

Specifications

Model	INDOOR UNIT		S09AT NE3S		S12AT NE3S		S18AT N53S		S24AT N52S	
	OUTDOOR UNIT		S09AT UE35		S12AT UE35		S18AT U53S		S24AT U52S	
Cooling Capacity	(Min/Rating/Max)	W	890 / 2,500 / 3,699	890 / 3,500 / 4,044	900/5,280/5,800	3,870 / 7,030 / 7,473				
		Btu/hr	3,070 / 8,530 / 12,620	3,070 / 11,940 / 13,800	3,070/18,000/19,800	13,200 / 24,000 / 25,500				
Heating Capacity	(Min/Rating/Max)	W	890 / 3,250 / 5,000	890 / 4,200 / 5,486	900/5,800/6,650	3,605 / 8,080 / 8,407				
		Btu/hr	3,070 / 11,080 / 17,060	3,070 / 14,330 / 18,720	3,070/19,790/22,700	12,300 / 27,570 / 29,700				
Input	Cooling	W	610	1,030	1610	2500				
	Heating	W	760	1,130	1570	2880				
Running Current	Cooling	A	2.8	4.7	7.2	11.0				
	Heating	A	3.5	5.1	7.0	13.0				
Power Supply		øV, Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50				
E.E.R	Cooling	W/W	4.1	3.4	3.28	2.81				
		Btu/hrW	13.98	11.59	11.20	9.60				
C.O.P	Heating	W/W	4.28	3.72	3.69	2.81				
			A/A	A/A	A/A	C/D				
ENERGY Efficiency Class	Cooling/Heating		A/A	A/A	A/A	C/D				
Noise Level (SoundPress,1m)	Indoor(H/M/L/Sleep)	dB(A)±3	37/29/25/20	38/29/25/20	42 / 39 / 36 / 34	44/41/37/35				
Air Flow	Outdoor, Max	dB(A)±3	45	45	51	56				
	Indoor, Max	m³/min(CFM)	10.5(371)	10.5(371)	16(565)	18(636)				
Dehumidification Rate	Outdoor, Max	m³/min(CFM)	27(954)	27(954)	42(1483)	58(966)				
		l/h	1.2	1.2	2.1	2.7				
Refrigerant charge(R410A)		g	1000	1000	1350	1800				
SVC Valve	Liquid	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)				
	Gas	mm(inch)	9.52(3/8)	9.52(3/8)	12.7(1/2)	15.88(5/8)				
Dimensions (W*H*D)	Indoor	mm	895*282*188	895*282*188	1090*300*200	1,090*300*200				
	Outdoor	mm	770*545*245	770*545*245	870*655*320	870*655*320				
Net Weight	Indoor	kg(lbs)	8(17.6)	8(17.6)	13(29)	13(29)				
	Outdoor	kg(lbs)	32(71)	32(71)	46(101)	60(132)				

Note: Specifications, design and feature are subject to change without prior notice.

Specifications

Model	INDOOR UNIT		S09AHP N42		S12AHP NE2		S18AHP N52		S24AHP N52	
	OUTDOOR UNIT		S09AHP U42		S12AHP U42		S18AHP U52		S24AHP U52	
Cooling Capacity	(Min/Rating/Max)	W	2,785	3,519	5,337	6,392				
		Btu/hr	9,500	12,000	18,200	21,800				
Heating Capacity	(Min/Rating/Max)	W	2,873	3,753	5,718	6,832				
		Btu/hr	9,800	12,800	19,500	23,300				
Input	Cooling	W	866	1,090	1,820	2,390				
	Heating	W	841	1,100	1,950	2,450				
Running Current	Cooling	A	4.0	5.0	8.2	10.5				
	Heating	A	4.0	5.1	8.9	10.5				
Power Supply		øV, Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50				
E.E.R	Cooling	W/W	3.21	3.23	2.93	2.67				
		Btu/hrW	10.96	11.00	10.0	9.12				
C.O.P	Heating	W/W	3.42	3.41	2.93	2.79				
			A/B	A/B	C/D	D/E				
ENERGY Efficiency Class	Cooling/Heating		A/B	A/B	C/D					
Noise Level (SoundPress,1m)	Indoor(H/M/L/Sleep)	dB(A)±3	35/33/30	41/36/32	40/37/33	45/40/35				
Air Flow	Outdoor, Max	dB(A)±3	47	49	54	55				
	Indoor, Max	m³/min(CFM)	6.8(240)	9(317)	13(459)	16(566)				
Dehumidification Rate	Outdoor, Max	m³/min(CFM)	25(882)	25(882)	42(1483)	42(1483)				
		l/h	1.2	1.5	2.5	2.5				
Refrigerant charge(R410A)		g	930	930	1,270	1600				
SVC Valve	Liquid	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)				
	Gas	mm(inch)	9.52(3/8)	12.7(1/2)	12.7(1/2)	15.88(5/8)				
Dimensions (W*H*D)	Indoor	mm	840x270x155	911x282x172	1,082x297x195	1,082x297x195				
	Outdoor	mm	770x540x245	770x540x245	870x655x320	870x655x320				
Net Weight	Indoor	kg(lbs)	7(15.4)	7(15.4)	11.6(25.5)	11.6(25.5)				
	Outdoor	kg(lbs)	36(79)	25(55)	59(129)	60(132)				

Note: Specifications, design and feature are subject to change without prior notice.

Wall mounted type

K09AH S41
K12AH SE0
K18AH S51
K24AH S51

- Anti Corrosion Gold Fin
- Auto Changeover
- Wireless Remote Controller



Specifications

Model	INDOOR UNIT		K09AH N41	K12AH NE0	K18AH N51	K24AH N51
	OUTDOOR UNIT					
Cooling Capacity	(Min/Rating/Max)	W	2,785	3,519	5,337	6,392
		Btu/hr	9,500	12,000	18,200	21,800
Heating Capacity	(Min/Rating/Max)	W	2,873	3,753	5,718	6,832
		Btu/hr	9,800	12,800	19,500	23,300
Input	Cooling	W	866	1,090	1,820	2,390
		Heating	W	841	1,100	1,950
Running Current	Cooling	A	4.0	5.0	8.2	10.5
		Heating	A	4.0	5.1	8.9
Power Supply		øV, Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50
E.E.R	Cooling	W/W	3.21	3.23	2.93	2.67
		Btu/hrW	10.96	11.00	10.0	9.12
C.O.P	Heating	W/W	3.42	3.41	2.93	2.79
		ENERGY Efficiency Class	Cooling/Heating	A/B	A/B	C/D
Noise Level (SoundPress,1m)	Indoor(H/M/L/Sleep)	dB(A)±3	35/33/30	39/35/32	40/37/33	45/40/35
			Outdoor, Max	47	49	54
Air Flow	Indoor, Max	m³/min(CFM)	6.8(240)	9(317)	13(459)	16(566)
			Outdoor, Max	25(882)	25(882)	42(1483)
Dehumidification Rate		l/h	1.2	1.5	2.5	2.5
Refrigerant charge(R410A)		g	930	930	1,270	1600
SVC Valve	Liquid	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)
			Gas	9.52(3/8)	12.7(1/2)	12.7(1/2)
Dimensions (W*H*D)	Indoor	mm	840x270x180	911x282x172	1,082x297x223	1,082x297x223
			Outdoor	770x540x245	770x540x245	870x655x320
Net Weight	Indoor	kg(lbs)	7(15.4)	7(15.4)	11.6(25.5)	11.6(25.5)
			Outdoor	36(79)	25(55)	59(129)

Note: Specifications, design and feature are subject to change without prior notice.



UPGRADE YOUR LIFE WITH
LG Air Conditioners

Window Type

Window type units are not only stylish but compact with features, from the wireless remote controller, soft touch Electronic Controls and Gold Fin protection to the outdoor coil. All units are installed easily with most of models coming with Slide-out Chassis and air flow can be controlled precisely by the 4-way Air Deflection system.



- 4-Way Air Deflection
- Reversible-Open-Grille
- One-Touch Air Filter (Anti-Bacteria)



4-Way Air Deflection

It removes dust in the air as well as bacteria proliferation, making the indoor atmosphere healthy.



Auto Swing

The air circulation vents swing constantly and silently from side to side, directing cool air to every corners of the room.



Slide-Out Chassis

For easy installation and service, the slide-out chassis saves much trouble to remove the unit from the window or wall.



Reversible-Open-Grille & One-Touch Air Filter

Reversible-Open-Grille helps easily ejection of air filter from the unit regardless of installation place.



High Installation



Low Installation

High Efficiency Compressor

LG Rotary compressor has a good reputation for low noise, low vibration and high efficiency and reliability.



Window type



W07AC SG2
W09AC SG2
W12AC SC2
W18AC SM2
W22AC SN2

- 4-Way Air Deflection
- Reversible-Open-Grille
- One-Touch Air Filter (Anti-Bacteria)



Wall Mounted Type



W09AH SC2
W12AH SC2

- 4-Way Air Deflection
- Reversible-Open-Grille
- One-Touch Air Filter (Anti-Bacteria)



Specifications

Model		W07AC SG2	W07AC SG2	W07AC SG2	W07AC SG2	W07AC SG2
Cooling capacity	W	2,050	2,640	3,520	5,280	6150
	Btu/hr	7,000	9,000	12,000	18,000	21,000
Heating capacity	W					
	Btu/hr					
Input	Cooling	780	1,080	1,340	2,250	2,620
	Heating					
Running Current	Cooling	3.4	4.6	6.0	10.1	12.3
	Heating					
Power Supply	s,V, Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50
E.E.R	Cooling	2.63	2.44	2.63	2.35	2.35
	Btu/hr W	8.97	8.30	8.96	8.00	8.00
COP	Heating					
	W/W					
ENERGY Efficiency Class	Cooling/Heating	C	D	C	E	E
	Btu/hr W					
Noise (In/Out)	Indoor,Max	46	47	49	51	55
	dB(A)±3					
Air Circulation	Outdoor,Max	52	53	55	58	60
	dB(A)±3					
Dehumidification Rate	Indoor,Max	5.8(205)	6.5(230)	7.9(279)	11.8(417)	12.3(434)
	m ³ /min(CFM)					
Refrigerant charge(R410A)	Outdoor,Max	11.8(417)	12(424)	15(530)	21(742)	23(812)
	m ³ /min(CFM)					
Dimensions (WxHxD)	l /h	0.6	0.7	1.3	2.0	2.5
	g	350	500	450	780	780
Net Weight	mm	469x353x525	469x353x525	600x380x567	660x428x675	660x428x770
	kg/lbs	31.0	32.0	41.0	59.0	69.0
Stuffing Q'ty	With S/Parts	198/415	198/415	133/297	84/190	84/174
	20ft/40ft	200/419	200/419	135/300	84/192	84/176






Note: Specifications, design and feature are subject to change without prior notice.

Specifications

Model		W09AH SC2	W12AH SC2
Cooling capacity	W	2,640	3,370
	Btu/hr	9,000	11,500
Heating capacity	W	2,350	3,080
	Btu/hr	8,000	10,500
Input	Cooling	1,010	1,420
	Heating	900	1,180
Running Current	Cooling	4.6	6.4
	Heating	4.1	5.3
Power Supply	s,V, Hz	1,220-240,50	1,220-240,50
E.E.R	Cooling	2.61	2.40
	Btu/hr W	8.91	8.10
COP	Heating	2.61	2.61
	W/W	8.89	8.90
ENERGY Efficiency Class	Cooling/Heating	C/D	E/D
	Btu/hr W		
Noise (In/Out)	Indoor,Max	48	49
	dB(A)±3		
Air Circulation	Outdoor,Max	54	55
	dB(A)±3		
Dehumidification Rate	Indoor,Max	6.5(230)	7.9(279)
	m ³ /min(CFM)		
Refrigerant charge(R410A)	Outdoor,Max	12(424)	15(530)
	m ³ /min(CFM)		
Dimensions (WxHxD)	l /h	0.7	1.3
	g	520	750
Net Weight	mm	600x380x567	600x380x567
	kg/lbs	39.0	41.0
Stuffing Q'ty	With S/Parts	133/297	133/297
	20ft/40ft	135/300	135/300

Note: Specifications, design and feature are subject to change without prior notice.





Air Quality Control

-  NEO Plasma Air Pur
-  Triple Air Filter
-  Auto Cleaning
-  Smart Clean
-  One-Touch Air Filter (Anti-Bacteria)



Airflow Control

-  Jet Cool
-  4-Way Auto Swing
-  3-Dimensional Air Flow
-  Vertical Auto Swing
-  4-Way Air Deflection



Comfort Control

-  Low Noise
-  Auto Changeover
-  Healthy Dehumidification
-  Hot Start (Heat pump Only)




Reliability Control

-  Anti Corrosion Gold Fin
-  Auto Restart







Timers

-  Sleep Mode Auto Operation
-  24-Hour ON/OFF Setting Timer

Convenient Function

-  Wireless Remote Controller
-  Reversible-Open-Grille
-  Slide-Out Chassis

Special Function

-  Smart Saving With Eco Eye
-  Optimized Cooling and Heating
-  Allergy Free Filter
-  Moisture Cooling
-  Quick & Easy Installation
-  Compatible with Inverter Multi System
-  Smart phone Solution for Operation monitoring & Trouble shooting

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