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**7**  **Global No.1**

**Life's Good**  **LG**



# LG ROOM AIR CONDITIONERS 2007

Enjoy Clean, Quiet and Comfortable Air Conditioning with LG



LG Room Air Conditioners

[www.lge.com](http://www.lge.com)

# LG ART COOL Air Conditioners

are stylish, modern, sophisticated and high-class.

It will certainly beautiful your space...



## ART COOL

7 **Global No.1** LG Electronics,  
The World's Best Seller,  
Seven Years in a Row

"The outstanding quality of LG air conditioners is recognized by people all over the world." According to an article by Japan's famous freezing and air conditioning magazine JARN (Japan Air Conditioning, Heating & Refrigeration News), LG Electronics sold its 4.9 million air conditioners in 2000, taking the world's first spot in sales. When the company has posted 10 million units in 2004 and 2005, the first of its kind, it has become the top seller of air conditioners in the world for seven consecutive years. This landmark achievement has been made possible by our continuous R&D activities, expansion of production lines, and 6-sigma campaigns (6-sigma quality control system), among others. LG Electronics is committed to maintaining its market leadership in air conditioners through its advanced technologies and R&D efforts.



Room Air Conditioner

# LG Air Conditioners are environment-friendly and future-oriented



To reduce freon gas, a prime ozone destroyer, they adopt alternative refrigerant R-410a, and NEO-Plasma air-purifying system for powerful sterilization for health-conscious customers. Also, ART COOL series with outstanding designs have received International Forum Design Award, Reddot Design Award and G Mark. They have improved air flow innovatively to realize world's lowest noise, and provide a more pleasant and convenient indoor environment.

# Environmental concern 2007

As the concern for environment increases day by day, EC Directive made it a regulation to put an indication on all air conditioning products. With the information regarding energy-saving, customers will easily understand products considering the environment. Customers will have to purchase the products considering the energy label to meet their needs. Energy label shows the energy consumption of the unit classified with 7 different colors.

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>(Water consumption will depend on how the option is used and chosen)</small>		
Cooling output	kW	
Energy efficiency ratio	Full load (the higher the better!)	
Type	Cooling only	—
	Cooling + heating	—
	Air cooled	—
	Water cooled	—
Heat output	kW	
heating performance	A: higher	G: lower
Noise	dB(A) re 1 pW	
<small>Further information is contained in product brochures</small>		
<small>Air-conditioner Energy Label Directive 2002/1/EC</small>		

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



Room Air Conditioner

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## MIRROR & PANEL

Good Design & Stylish



## WALL MOUNTED INVERTER STYLE

Energy-saving, Comfortable & Easy



## ART COOL GALLERY STYLE

Energy-saving, Stylish  
Slim Design & Less noise



## ART COOL MIRROR INVERTER

Energy-saving, Stylish  
& Less noise



## WALL MOUNTED STYLE

Comfortable & Easy



### Design Award

IF Design Award



International Forum Design

Reddot Design Award



reddot design award

Good Design Award



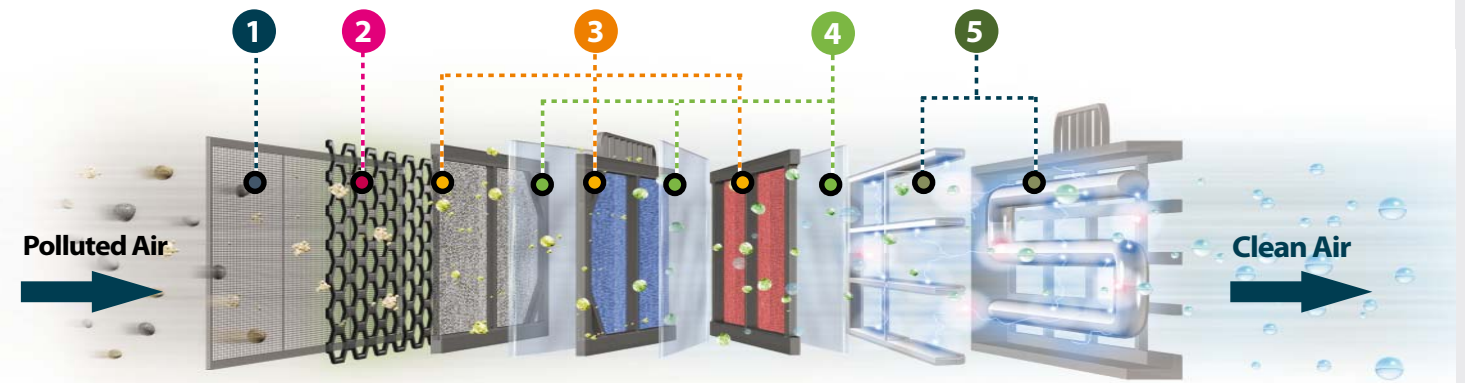
# ART COOL TYPE



This can be easily installed in a small space, and has exceptional cooling capacity. Designed for low-noise operation, it ensures a pleasant air conditioned environment. It also has Jet Cool for high level cooling and clean air supply through its NEO- Plasma air purifying system.

## NEO-PLASMA AIR PURIFYING SYSTEM

LG's unique NEO-Plasma 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.



### 1. Pre Filter

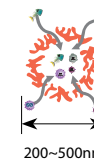
The antibacterial pre-filter primarily reduces large dust, mould and quilt dust.

### 2. Nano Carbon Filter

Nano-size carbon filters removes fine odorous particles from the household air resulting in a more pleasant environment.

#### What is Nano Carbon Ball?

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



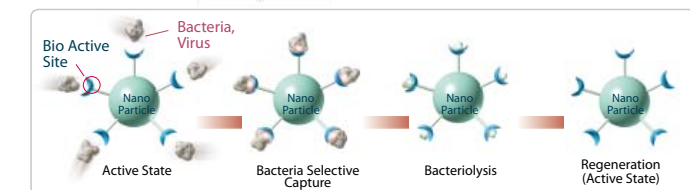
### 3. Triple Filter

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 reduce unpleasant odors creating a more comfortable environment.



### 4. Nano Bio Fusion Filter

Nano bio fusion filters allow their nano-size bio enzymes to directly penetrate through cell walls of some bacteria and allergen to decompose its cell nuclei.



#### Distinctions from Conventional Filters

Conventional	Nano Bio Fusion Filter
Simply inactivate bacteria	The bio enzyme destroys cell walls and nuclei of some bacteria and allergens.

### 5. Plasma Filter

The PLASMA Air Purifying System developed uniquely by LG not only reduces microscopic contaminants and dust, but also reduces house mites, pollen, and pet fur to reduce allergy and asthma symptoms.

# Inverter DC INVERTER

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.



## INVERTER TECHNOLOGY

### Economical 1

High energy efficiency ensures a much more economical system

### Powerful 2

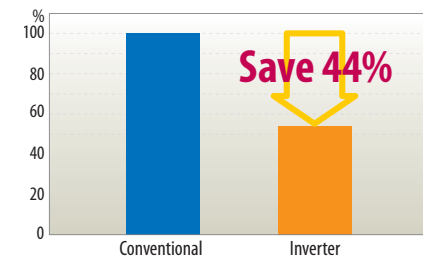
Ensures rapid cooling in summer and rapid heating in winter

### Comfortable 3

Attains and maintains set temperature fast with minimal noise

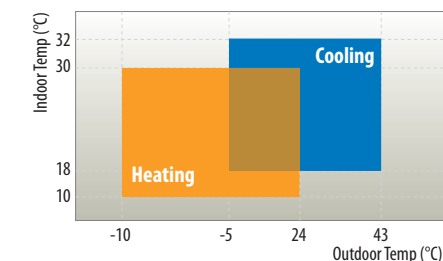
#### Energy Saving

Unlike ordinary conventional air conditioners, inverter air conditioners can control the speed of compressors to adjust cooling and heating. When indoor temperatures reach your desired levels, inverter air conditioners can operate their compressors at low speeds and maintain desired temperatures, thus saving you electricity cost by about 44% compared to conventional.



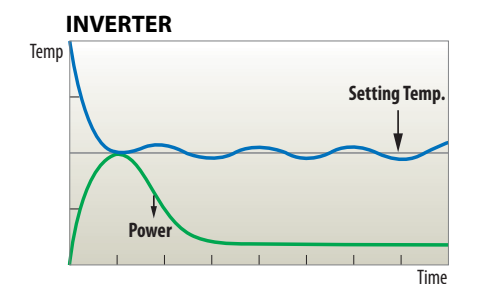
#### Powerful Heating Capacity

With a wide operating range in both heating and cooling modes, inverter air conditioners will cool or heat your room even in extreme outdoor temperature conditions. Heating can be sustained even when the outdoor temperature is -10°C by Inverter technology.



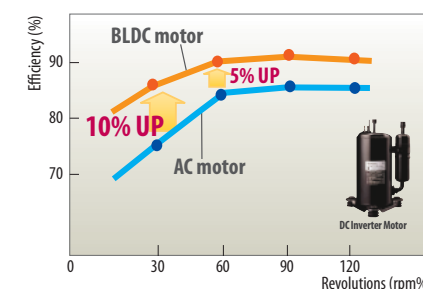
#### Pleasant Feeling

When the air conditioner is initially activated to either heat or cool, the compressor will operate at maximum speed to reach the desired temperature quickly. Once the desired temperature is achieved, unlike conventional air conditioners that turn the compressor on and off, LG inverter units adjust and constantly vary the compressor speed to maintain the desired temperature with minimal fluctuation to ensure that your comfort is not compromised.



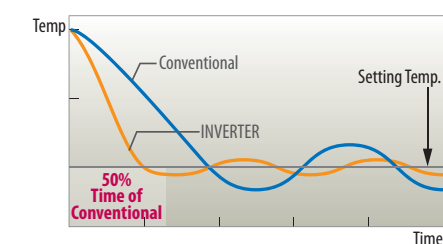
#### DC Inverter Compressor

The LG inverter air conditioner uses a DC Inverter compressor due to its optimized refrigeration effect, low noise and high efficiency. DC compressors are much more efficient especially at low loads compared with conventional constant speed AC comps.



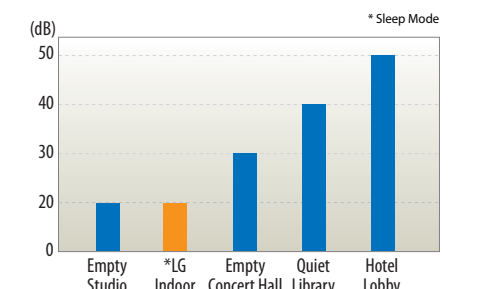
#### Quick Cooling & Heating

Inverter air conditioners can operate their compressors faster to give them more powerful performance. This results in being able to attain the desired temperature much faster in both heating and cooling modes than conventional air conditioners.



#### Quiet Operation

Inverter air conditioners are optimally designed to operate with the minimal noise with the use of a DC compressor.



# Inverter ART COOL GALLERY

LG is proud to introduce the ART COOL GALLERY series. It boasts an unprecedented feature which allows you to use the front panel as a picture frame. Along with its simple but sleek design, ART COOL uses state-of-the-art technology like..., assuring customer satisfaction.



A09AW1/A12AW1



\* Sample

### Photo Changeable

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



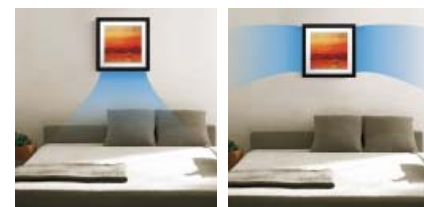
### 3 - Dimensional Air Flow

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.



### Digital Air Flow Control

The air flow can be controlled to ensure that maximum comfort and convenience is realized. You can even have the option of turning off the bottom louver to ensure your utmost comfort.



Jet Cool  
Speedy & Powerful

Sleep Mode  
Indirectly & Softly



## A09AW1 NFO / A12AW1 NFO



- Energy-saving • Changeable photo panel
- NEO-Plasma Air Purifying System • Anti Corrosion Gold Fin • Auto Cleaning
- Auto Changeover • Jet Cool/Jet Heat • Natural Wind By CHAOS Swing
- 3-Dimensional Air Flow • Wireless Remote Controller (Luminous)
- Sleep Mode Auto Operation • Quiet Operation • Healthy Dehumidification
- Auto Restart • One-Touch Air Filter (Anti-Bacteria)
- 24-Hour ON/OFF Setting Timer • Hot Start



Klimt, Gustav(1862-1918)  
The Kiss-Der Kuss

## ART COOL GALLERY



### Specification

Model	INDOOR UNIT		A09AW1 NFO		A12AW1 NFO	
	OUTDOOR UNIT		A09AWU UFO		A12AWU UFO	
Cooling Capacity		W	2,700		3,500	
Heating Capacity		W	3,500		4,200	
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		ø, V, Hz	1,220-240,50		1,220-240,50	
E.E.R	Cooling	W/W	3.25		3.21	
	Heating	W/W	3.65		3.62	
C.O.P		W/W	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	42/36/23		42/36/23	
	Outdoor, Max	dB(A)±3	48		48	
Air Flow	Indoor, Max	m <sup>3</sup> /min (CFM)	8 (283)		10.5 (371)	
	Outdoor, Max	m <sup>3</sup> /min (CFM)	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)	
Connections	Gas	mm (inch)	9.52 (3/8)		9.52 (3/8)	
Dimensions (W*H*D)	Indoor	mm	600x600x146		600x600x146	
	Outdoor	mm	770x540x245		770x540x245	
Net Weight	Indoor	kg (lbs)	14 (31)		14 (31)	
	Outdoor	kg (lbs)	34 (75)		34 (75)	

Note: Due to our policy of innovation some specifications may be changed without notification.



2.6~3.5kW



# Inverter 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.



## ART COOL\_MIRROR INVERTER

INVERTER



### C12AW\* NEO / C18AW\* N33



- Energy-saving • NEO-Plasma Air Purifying System
- Anti Corrosion Gold Fin • Auto Cleaning
- Auto Changeover • Jet Cool/Jet Heat • Natural Wind By CHAOS Swing
- 4-Way Auto Swing • Auto Restart • Wireless Remote Controller (Luminous)
- Sleep Mode Auto Operation • Quiet Operation • Healthy Dehumidification
- One-Touch Air Filter (Anti-Bacteria) • 24-Hour ON/OFF Setting Timer • Hot Start



### ART COOL MIRROR



#### Specification

Model	INDOOR UNIT		C12AW* NEO C12AWU UE0		C18AW* N33 C18AWU U33	
	OUTDOOR UNIT					
Cooling Capacity		W	3,510		5,270	
Heating Capacity		W	4,570		6,070	
Input	Cooling	W	1090		1630	
	Heating	W	1260		1890	
Running Current	Cooling	A	4.8		7.5	
	Heating	A	5.7		8.5	
Power Supply		ø,V, Hz	1,220-240,50		1,220-240,50	
E.E.R	Cooling	W/W	3.22		3.23	
C.O.P	Heating	W/W	3.63		3.21	
ENERGY Efficiency Class		Cooling/Heating	A/A		A/C	
Noise Level (SoundPress,1m)	Indoor (H/M/L/Sleep)	dB(A)±3	37/27/22/20		40/37/34	
	Outdoor, Max	dB(A)±3	45		56	
Air Flow	Indoor, Max	m <sup>3</sup> /min (CFM)	9.5 (335)		14.15 (500)	
	Outdoor, Max	m <sup>3</sup> /min (CFM)	29 (1,024)		42 (1483)	
Dehumidification Rate		l/h	1.3		2.4	
Refrigerant charge (R410a)		g	1000		1200	
SVC Valve	Liquid	mm (inch)	6.35 (1/4)		6.35 (1/4)	
Connections	Gas	mm (inch)	9.52 (3/8)		12.7 (1/2)	
Dimensions (W*H*D)	Indoor	mm	912x282x165		1170x315x173	
	Outdoor	mm	770x545x245		870x655x320	
Net Weight	Indoor	kg (lbs)	10 (22)		13 (29)	
	Outdoor	kg (lbs)	32 (71)		64 (141)	

Note: Due to our policy of innovation some specifications may be changed without notification.



# ART COOL

If you are looking for an Air Conditioner that is different from the rest, take the ART COOL Air conditioner. At last you can have an Air Conditioner that looks stylish, innovative and attractive. Every trimming has been added to the refined ART COOL series, including the NEO-Plasma Air Purifying System, Gold Fin, and new features like Auto Clean. Suited for smaller rooms like bedrooms & offices the ART COOL Mirror is a welcome change to the conventional styling Air Conditioner.



International  
Forum  
Design



red dot  
design award



### ART COOL\_Mirror Type

A little interior accent for the modern you. The romantic pastel colors, subdued luster, modern texture and the super slim design of LG ART COOL Mirror are the answers to your unique mood and personality.



### ART COOL\_Panel Type

LG's unique frame-style of ART COOL Panel type. Its super-slim and sensory design satisfies your sense.

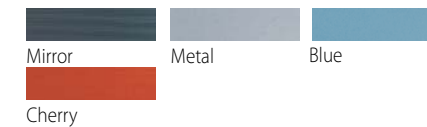
## Modern & Luxurious Design

Its premium designs match well with any part of the house.



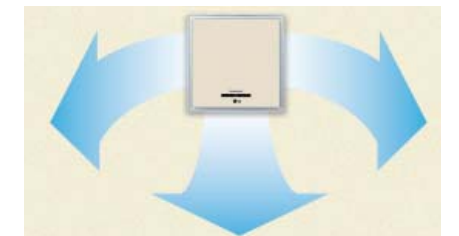
## Changeable Colour Panel

Available in a wide range of four colors that are easy to change, the premium designs and classy finish will compliment any interior décor.



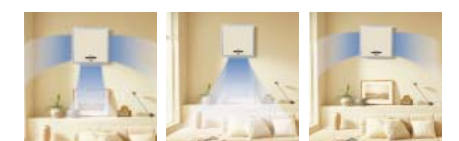
## 3 - Dimensional Air Flow

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 both sides making the space evenly cool.



## Digital Air Flow Control

The air flow can be controlled to ensure that maximum comfort and convenience is realized. You can even have the option of turning off the bottom louver to ensure your utmost comfort.



Normal Fast & Even Widely Jet Cool Speedy & Powerful Sleep Mode Indirectly & Softly

## Ultra Thin

Technology mixed with sense of art result in the super slim design which is 129mm depth.

*The slimmest  
in the world!*



# ART COOL MIRROR

HEAT PUMP



## C09AH\* NU4 / C12AH\* NU4 C18AH\* N33

- NEO-Plasma Air Purifying System • Anti Corrosion Gold Fin • Auto Cleaning
- Auto Changeover • Jet Cool/Jet Heat • Natural Wind By CHAOS Swing
- Changeable Colour Panel • 4-Way Auto Swing • Auto Restart
- Wireless Remote Controller (Luminous) • Sleep Mode Auto Operation
- Quiet Operation • Healthy Dehumidification • One-Touch Air Filter (Anti-Bacteria)
- 24-Hour ON/OFF Setting Timer • Hot Start



\*C18AH : are using different panels.

# ART COOL MIRROR

## Specification

Model	INDOOR UNIT		C09AH* NU4		C12AH* NU4		C18AH* N33	
	OUTDOOR UNIT		C09AHU UU4	C12AHU UU4	C12AHU UU4	C18AHU U33		
Cooling Capacity	W		2,700	3,520	5,280			
Heating Capacity	W		2,810	3,720	5,550			
Input	Cooling	W	890	1,140	1,750			
	Heating	W	840	1,150	1,730			
Running Current	Cooling	A	4.0	5.1	8.0			
	Heating	A	3.7	5.2	8.0			
Power Supply	ø,V, Hz		1,220-240,50	1,220-240,50	1,220-240,50			
E.E.R	Cooling	W/W	3.03	3.09	3.02			
C.O.P	Heating	W/W	3.35	3.23	3.21			
ENERGY Efficiency Class	Cooling/Heating		B/C	B/C	B/C			
Noise Level	Indoor (H/M/L/Sleep)	dB(A)±3	32/28/26	36/34/32	40/38/36			
	Outdoor, Max	dB(A)±3	46	46	53			
Air Flow	Indoor, Max	m <sup>3</sup> /min (CFM)	8 (283)	9.5 (335)	13 (459)			
	Outdoor, Max	m <sup>3</sup> /min (CFM)	26 (918)	26 (918)	42 (1483)			
Dehumidification Rate	l/h		1.2	1.5	2.0			
Refrigerant charge (R410a)	g		760	880	1,210			
SVC Valve	Liquid	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)			
Connections	Gas	mm (inch)	9.52 (3/4)	12.7 (1/2)	12.7 (1/2)			
Dimensions	Indoor	mm	1030*290*153	1030x290x153	1170x315x173			
	Outdoor	mm	575x525x260	770x540x245	870x655x320			
Net Weight	Indoor	kg (lbs)	9.5 (21)	9.5 (21)	13 (29)			
	Outdoor	kg (lbs)	23 (51)	31 (69)	64 (141)			

Note: Due to our policy of innovation some specifications may be changed without notification.  
Note: \* indicates color of panel (M: Metal, R: Mirror, B: Blue, C: Cherry)



# ART COOL PANEL

HEAT PUMP



## A09AH\* NP4 / A12AH\* NP4

- NEO-Plasma Air Purifying System • Anti Corrosion Gold Fin • Auto Cleaning
- Auto Changeover • Jet Cool/Jet Heat • Natural Wind By CHAOS Swing
- 3-Dimensional Air Flow • Wireless Remote Controller (Luminous)
- Sleep Mode Auto Operation • Quiet Operation • Healthy Dehumidification
- Auto Restart • One-Touch Air Filter (Anti-Bacteria)
- 24-Hour ON/OFF Setting Timer • Hot Start



# ART COOL PANEL

## Specification

Model	INDOOR UNIT		A09AH* NP4		A12AH* NP4	
	OUTDOOR UNIT		A09AHU UP4	A12AHU UP4		
Cooling Capacity	W		2,640	3,460		
Heating Capacity	W		2,640	3,580		
Input	Cooling	W	860	1,150		
	Heating	W	910	1,200		
Running Current	Cooling	A	3.9	5.1		
	Heating	A	4.1	5.3		
Power Supply	ø,V, Hz		1,220-240,50	1,220-240,50		
E.E.R	Cooling	W/W	3.07	3.21		
C.O.P	Heating	W/W	2.90	3.01		
ENERGY Efficiency Class	Cooling/Heating		B/D	B/D		
Noise Level	Indoor (H/M/L/Sleep)	dB(A)±3	35/30/26	42/34/28		
	Outdoor, Max	dB(A)±3	46	46		
Air Flow	Indoor, Max	m <sup>3</sup> /min (CFM)	7.5 (265)	9 (318)		
	Outdoor, Max	m <sup>3</sup> /min (CFM)	26 (918)	26 (918)		
Dehumidification Rate	l/h		1.2	1.5		
Refrigerant charge (R410a)	g		870	880		
SVC Valve	Liquid	mm (inch)	6.35 (1/4)	6.35 (1/4)		
Connections	Gas	mm (inch)	9.52 (3/8)	9.52 (3/8)		
Dimensions	Indoor	mm	570x568x129	570x568x129		
	Outdoor	mm	770x540x245	770x540x245		
Net Weight	Indoor	kg (lbs)	12 (26)	12 (26)		
	Outdoor	kg (lbs)	31 (68)	31 (68)		

Note: Due to our policy of innovation some specifications may be changed without notification.  
Note: \* indicates color of panel (M: Metal, R: Mirror, B: Blue)



# WALL MOUNTED TYPE

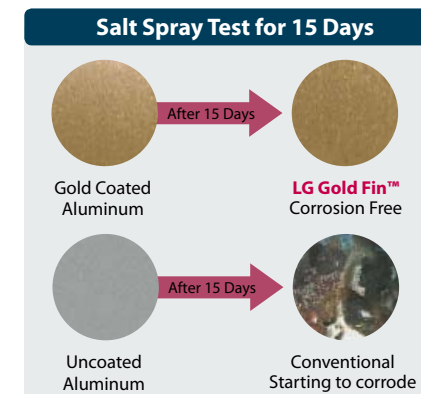
The most comfortable airflow for the human body can be found in nature. After countless analysis, LG has applied the scientific Chaos theory to its Air Conditioning range, which effectively produces a natural, fresh breeze. The Chaos theory is a technology that recreates the flow of natural air by controlling the angle speed of the movement of the air vane. Chaos Swing technology also minimizes the temperature difference between high and low places in the room, creating a more comfortable and cooler environment.



# WALL MOUNTED TYPE

## 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.



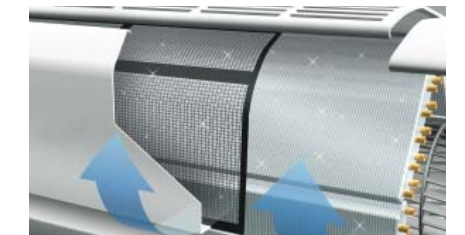
## Auto Clean

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.

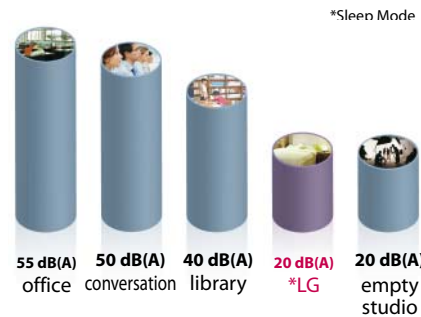
Only the fan will operate to dry the inner part of the air conditioner in just 30 minutes.



## COMFORTABLE AIR FLOW

### Quiet Operation

The indoor unit has a quiet operational noise of 20 dB(A) in the sleep mode to offer you peace and quiet for the bedroom or office. In addition, the outdoor units have significantly reduced vibration and noise thanks to a super quiet fan and motor and an innovative anti noise mechanism.



#### 1. Less noise with a three-layer, anti-noise mechanism

The anti noise mechanism blocks the noise from the fan and motor.

#### 2. No-grille front panel

The full face panel reduces noise from the evaporator.

#### 3. Conveniently attaches to the wall

The double-tubing cover addresses space problems between the wall and the air conditioner.

### Easy Quick Clean System

LG Split Systems are designed with simple cleaning in mind. The grille is completely detachable and access is made simple with the upward opening cover panel.

#### 1 STEP Ez-Detachable Grille



All that needs to be cleaned can be removed. Now, it is much easier to clean your air conditioner.

#### 2 STEP Ez-Cleaning Filter



Filters must be kept clean at all times to ensure optimum operation but previously were difficult to open and clean. The LG Ez-Cleaning Filter is designed for easy handling and cleaning.

#### 3 STEP Auto Clean Operation



Moisture in the evaporator can increase the presence of germs and fungi. The Auto Clean Operation can reduce moisture for a fresh, soft, and dry condition.

### 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.

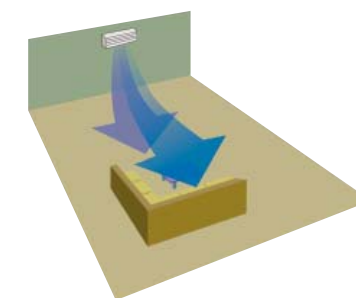


#### LG Healthy Dehumidification

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

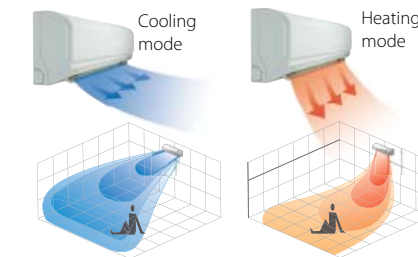
### Jet Cool™

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.



### Optimized Cooling & Heating Air Flow

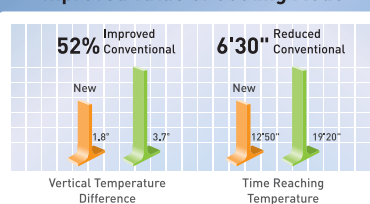
The air vanes will be adjusted according to the mode of operation. In heating mode air will be distributed at a lower angle due to hot air rising.



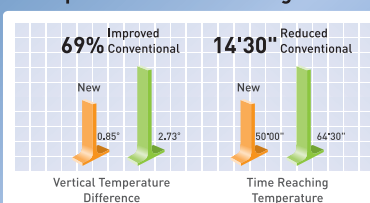
### Even & Fast Air flow

LG Electronics' air conditioner improves the difference between high and low indoor temperatures. It allows you to reach your desired temperatures even faster

#### Improved value of Cooling Mode



#### Improved value of Heating Mode



### Chaos Swing

The most comfortable airflow for the human body can be found in nature. After analysis, LG has applied the scientific Chaos theory to its air conditioners to effectively reproduce a natural breeze.

The Chaos technology recreates the flow of natural air by controlling the angle speed and movement of the air vane. It also minimizes the temperature difference between high and low areas in the room, creating a more comfortably conditioned environment.



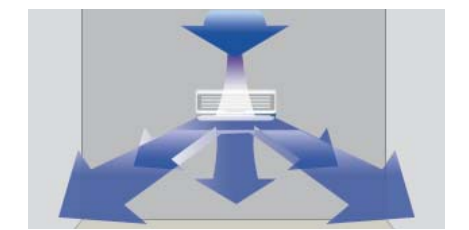
It swings at an angle twice wider than that of the existing Chaos swing, thus minimizing the difference in indoor temperatures and allowing air in every corner of the room.



The angle is twice wider.

### 4 Way Auto Swing

Most LG air conditioners automatically distribute the air 4-ways to eliminate hot and cold patches to keep the room at a more constant temperature.



**INVERTER**



**S09AW NEO / S12AW NEO  
S18AW N50**



- NEO-Plasma Air Purifying System • Anti Corrosion Gold Fin • Auto Cleaning
- Auto Changeover • Jet Cool/Jet Heat • Natural Wind By CHAOS Swing
- Auto Restart • Wireless Remote Controller (Luminous) • Sleep Mode Auto Operation
- Quiet Operation • Healthy Dehumidification • One-Touch Air Filter (Anti-Bacteria)
- 24-Hour ON/OFF Setting Timer • Hot Start



**S12AM N41G**



- NEO-Plasma Air Purifying System • Anti Corrosion Gold Fin • Auto Cleaning
- Auto Changeover • Jet Cool/Jet Heat • Natural Wind By CHAOS Swing
- 4-Way Auto Swing • Auto Restart • Wireless Remote Controller (Luminous)
- Sleep Mode Auto Operation • Quiet Operation • Healthy Dehumidification
- One-Touch Air Filter (Anti-Bacteria) • 24-Hour ON/OFF Setting Timer • Hot Start



**WALL MOUNTED**



**WALL MOUNTED**



**Specification**

Model	INDOOR UNIT		S09AW NEO		S12AW NEO		S18AW N50	
	OUTDOOR UNIT		S09AW UE0	S12AW UE0	S12AW UE0	S18AW UE0	S18AW UE0	S18AW UE0
Cooling Capacity	W		2,630	3,510	3,510	5,280		
Heating Capacity	W		3,600	4,570	4,570	6,070		
Input	Cooling	W	650	1090	1090	1600		
	Heating	W	870	1260	1260	1680		
Running Current	Cooling	A	3.0	4.8	4.8	7.5		
	Heating	A	4.0	5.7	5.7	8.5		
Power Supply	ø,V, Hz		1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50		
E.E.R	Cooling	W/W	4.05	3.23	3.23	3.30		
C.O.P	Heating	W/W	4.14	3.63	3.63	3.61		
ENERGY Efficiency Class	Cooling/Heating		A/A	A/A	A/A	A/A		
Noise Level (SoundPress,1m)	Indoor (H/M/L/Sleep)	dB(A)±3	31/27/22/20	37/27/22/20	37/27/22/20	42/39/36		
	Outdoor, Max	dB(A)±3	45	45	45	55		
Air Flow	Indoor, Max	m <sup>3</sup> /min (CFM)	8.5 (300)	9.5 (335)	9.5 (335)	13 (459)		
	Outdoor, Max	m <sup>3</sup> /min (CFM)	29 (1024)	29 (1024)	29 (1024)	42 (1483)		
Dehumidification Rate	l/h		0.6	1.3	1.3	2.1		
Refrigerant charge (R410a)	g		1000	1000	1000	1200		
SVC Valve	Liquid	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)		
Connections	Gas	mm (inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)		
Dimensions (W*H*D)	Indoor	mm	895x282x165	895x282x165	895x282x165	1090x300x178		
	Outdoor	mm	770x545x245	770x545x245	770x545x245	870x655x320		
Net Weight	Indoor	kg (lbs)	8 (17.6)	8 (17.6)	8 (17.6)	13 (29)		
	Outdoor	kg (lbs)	32 (71)	32 (71)	32 (71)	64 (141)		

Note: Due to our policy of innovation some specifications may be changed without notification.

**Specification**

Model	INDOOR UNIT		S12AM N41G	
	OUTDOOR UNIT		S12AM U41G	S12AM U41G
Cooling Capacity	W		3,520	
Heating Capacity	W		4,000	
Input	Cooling	W	1090	
	Heating	W	1,170	
Running Current	Cooling	A	5.0	
	Heating	A	5.3	
Power Supply	ø,V, Hz		1,220-240,50	
E.E.R	Cooling	W/W	3.23	
C.O.P	Heating	W/W	3.42	
ENERGY Efficiency Class	Cooling/Heating		A/B	
Noise Level (SoundPress,1m)	Indoor (H/M/L/Sleep)	dB(A)±3	38/30/25/22	
	Outdoor, Max	dB(A)±3	45	
Air Flow	Indoor, Max	m <sup>3</sup> /min (CFM)	10.8 (381)	
	Outdoor, Max	m <sup>3</sup> /min (CFM)	26 (918)	
Dehumidification Rate	l/h		1.5	
Refrigerant charge (R410a)	g		940	
SVC Valve	Liquid	mm (inch)	6.35 (1/4)	
Connections	Gas	mm (inch)	9.52 (3/8)	
Dimensions (W*H*D)	Indoor	mm	840x270x153	
	Outdoor	mm	770x545x245	
Net Weight	Indoor	kg (lbs)	9 (20)	
	Outdoor	kg (lbs)	38 (83.8)	

Note: Due to our policy of innovation some specifications may be changed without notification.





## ES-H0964DM0 / ES-H1264DM0 / ES-H1865DM0 ES-H2465DM0

- NEO-Plasma Air Purifying System • Anti Corrosion Gold Fin
- Natural Wind By CHAOS Swing • Wireless Remote Controller
- Sleep Mode Auto Operation • Healthy Dehumidification
- 24Hour ON/OFF Setting Timer • Self Diagnosis • 4-way Auto Swing
- Deodorizer • Hot Start



## ES-H1264EB1 / ES-H1865EB1

- Anti Corrosion Gold Fin • Natural Wind By CHAOS Swing
- Wireless Remote Controller • Sleep Mode Auto Operation
- Healthy Dehumidification • 24Hour ON/OFF Setting Timer
- Self Diagnosis • 4-way Auto Swing • Deodorizer • Hot Start



## PLASMA



ES-H0964DM0 / ES-H1264DM0 / ES-H1865DM0 / ES-H2465DM0

## FOUR SEASONS - 2007 New model

Improved heating capacity!



ES-H1264EB1 / ES-H1865EB1

### Specification

Model	INDOOR UNIT OUTDOOR UNIT		ES-H0964DM0	ES-H1264DM0	ES-H1865DM0	ES-H2465DM0
Cooling Capacity		W	2,760	3,520	5,340	7,000
Heating Capacity		W	2,810	3,670	5,570	7,500
Input	Cooling	W	880	1150	1760	2550
	Heating	W	850	1180	1760	2380
Running Current	Cooling	A	3.9	5.2	7.9	11.3
	Heating	A	3.8	5.3	7.9	10.8
Power Supply		ø,V, Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50
E.E.R	Cooling	W/W	3.13	3.06	3.03	2.74
C.O.P	Heating	W/W	3.31	3.11	3.16	3.15
ENERGY Efficiency Class		Cooling/Heating	B/C	B/D	B/D	D/D
Noise Level (SoundPress,1m)	Indoor	dB(A)±3	26	32	34	37
	Outdoor	dB(A)±3	46	47	54	55
Air Flow	Indoor, Max	m <sup>3</sup> /h	400	510	800	870
	Outdoor, Max	m <sup>3</sup> /h	1500	1500	2520	2520
Dehumidification Rate		l/h	1.0	1.5	2.5	3.2
Refrigerant charge (R410a)		g	650	940	980	1530
SVC Valve connections	Liquid Gas	mm (inch) mm (inch)	6.35 (1/4) 9.52 (3/8)	6.35 (1/4) 9.52 (3/8)	6.35 (1/4) 12.7 (1/2)	9.52 (3/8) 15.88 (5/8)
Dimensions (W*H*D)	Indoor	mm	840x270x153	840x270x153	1090x300x178	1090x300x178
	Outdoor	mm	575x540x262	770x540x245	870x655x320	870x655x320
Net Weight	Indoor	kg	7.4	7.4	11.6	11.6
	Outdoor	kg	29	36	59	62

Note: Due to our policy of innovation some specifications may be changed without notification.

### Specification

Model	INDOOR UNIT OUTDOOR UNIT		ES-H1264EB1	ES-H1865EB1
Cooling Capacity		W	3,519	5,279
Heating Capacity		W	3,812	5,865
Input	Cooling	W	1150	1780
	Heating	W	1170	1830
Running Current	Cooling	A	5.2	n/a
	Heating	A	5.3	n/a
Power Supply		ø,V, Hz	1,220-240,50	1,220-240,50
E.E.R	Cooling	W/W	3.43	3.41
C.O.P	Heating	W/W	3.26	3.21
ENERGY Efficiency Class		Cooling/Heating	A/C	A/C
Noise Level (SoundPress,1m)	Indoor	dB(A)±3	32	34
	Outdoor	dB(A)±3	47	54
Air Flow	Indoor, Max	m <sup>3</sup> /h	520	720
	Outdoor, Max	m <sup>3</sup> /h	1500	2520
Dehumidification Rate		l/h	1.5	2.5
Refrigerant charge (R410a)		g	940	980
SVC Valve connections	Liquid Gas	mm (inch) mm (inch)	6.35 (1/4) 9.52 (3/8)	6.35 (1/4) 12.7 (1/2)
Dimensions (W*H*D)	Indoor	mm	840x270x155	1082x297x195
	Outdoor	mm	770x540x245	870x655x320
Net Weight	Indoor	kg	7.4	11.6
	Outdoor	kg	38	59

Note: Due to our policy of innovation some specifications may be changed without notification.



## ES-H0964DA0 / ES-H1264DA0 / ES-H1865DA0 ES-H2465DA0

- Anti Corrosion Gold Fin • Natural Wind By CHAOS Swing
- Wireless Remote Controller • Sleep Mode Auto Operation
- Healthy Dehumidification • 2-way Auto Swing • 24Hour ON/OFF Setting Timer
- Self Diagnosis • Deodorizer • Hot Start



## ES-H096JLA0 / ES-H126LLA0 / ES-H186KLA0 ES-H246KLA0

- Anti Corrosion Gold Fin • Natural Wind By CHAOS Swing
- Wireless Remote Controller • Sleep Mode Auto Operation
- Healthy Dehumidification • 2-way Auto Swing • 24Hour ON/OFF Setting Timer
- Self Diagnosis • Hot Start



## BIO



ES-H0964DA0 / ES-H1264DA0 / ES-H1865DA0 / ES-H2465DA0

### Specification

Model	INDOOR UNIT OUTDOOR UNIT	ES-H0964DA0	ES-H1264DA0	ES-H1865DA0	ES-H2465DA0	
Cooling Capacity	W	2,640	3,520	5,280	7,040	
Heating Capacity	W	2,730	3,670	5,570	7,040	
Input	Cooling	910	1170	1800	2700	
	Heating	870	1190	1780	2610	
Running Current	Cooling	A	5.3	8.1	12.6	
	Heating	A	3.8	4.9	8.1	12.2
Power Supply	ø,V, Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	
E.E.R	Cooling	W/W	2.90	3.00	2.93	2.61
C.O.P	Heating	W/W	3.20	3.36	3.12	2.7
ENERGY Efficiency Class	Cooling/Heating	C/C	B/B	C/D	D/E	
Noise Level (SoundPress,1m)	Indoor	dB(A)±3	31	31	35	39
	Outdoor	dB(A)±3	46	47	54	55
Air Flow	Indoor, Max	m <sup>3</sup> /h	400	520	720	940
	Outdoor, Max	m <sup>3</sup> /h	1500	1500	2520	2520
Dehumidification Rate	l/h	1.0	1.5	2.5	2.7	
Refrigerant charge (R410a)	g	650	940	980	1530	
SVC Valve connections	Liquid Gas	mm (inch)	6.35 (1/4) 9.52 (3/8)	6.35 (1/4) 9.52 (3/8)	6.35 (1/4) 12.7 (1/2)	9.52 (3/8) 15.88 (5/8)
Dimensions (W*H*D)	Indoor	mm	802x262x165	888x287x170	1080x314x182	1080x314x184
Net Weight	Indoor	kg	575x540x262	770x540x245	870x655x320	870x655x320
	Outdoor	kg	6.2	8.7	12.0	12.0
	Outdoor	kg	28	35	50.5	62

Note: Due to our policy of innovation some specifications may be changed without notification.

## ECO



ES-H096JLA0 / ES-H126LLA0 / ES-H186KLA0 / ES-H246KLA0

### Specification

Model	INDOOR UNIT OUTDOOR UNIT	ES-H096JLA0	ES-H126LLA0	ES-H186KLA0	ES-H246KLA0	
Cooling Capacity	W	2,640	3,520	5,280	7,040	
Heating Capacity	W	2,730	3,670	5,570	7,040	
Input	Cooling	910	1170	1800	2700	
	Heating	870	1190	1780	2610	
Running Current	Cooling	A	5.3	8.1	12.6	
	Heating	A	3.8	4.9	8.1	12.2
Power Supply	ø,V, Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50	
E.E.R	Cooling	W/W	2.90	3.00	2.93	2.61
C.O.P	Heating	W/W	3.20	3.36	3.12	2.7
ENERGY Efficiency Class	Cooling/Heating	C/C	B/B	C/D	D/E	
Noise Level (SoundPress,1m)	Indoor	dB(A)±3	31	31	35	39
	Outdoor	dB(A)±3	46	47	54	55
Air Flow	Indoor, Max	m <sup>3</sup> /h	400	520	720	940
	Outdoor, Max	m <sup>3</sup> /h	1500	1500	2520	2520
Dehumidification Rate	l/h	1.0	1.5	2.5	2.7	
Refrigerant charge (R410a)	g	650	940	980	1530	
SVC Valve connections	Liquid Gas	mm (inch)	6.35 (1/4) 9.52 (3/8)	6.35 (1/4) 9.52 (3/8)	6.35 (1/4) 12.7 (1/2)	9.52 (3/8) 15.88 (5/8)
Dimensions (W*H*D)	Indoor	mm	802x262x165	888x287x170	1080x314x182	1080x314x184
Net Weight	Indoor	kg	575x540x262	770x540x245	870x655x320	870x655x320
	Outdoor	kg	6.2	8.7	12.0	12.0
	Outdoor	kg	28	35	50.5	62

Note: Due to our policy of innovation some specifications may be changed without notification.