















Mid-Wall / ARTCOOL Type	
	BAF Allergy Filter
	NEO-Plasma Plus Air Purifying
	Gold Fin™Anti Corrosion
	Auto Clean
	Auto Changeover (Heat Pump Only)
	Jet Cool™
Window Type	
	Gold Fin™Anti Corrosion
	One-Touch Air Filter
	4-Way Air Deflection
	Wireless Remote Controller
Ceiling Cassette Type	
	PLASMA Air Purifying System (Optional)
	Gold Fin™Anti Corrosion
	Group Control
	Long Distance, High Elevation
Floor Standing Type	
	Gold Fin™Anti Corrosion
	7-Hour OFF Setting Timer
	Child Lock Function
	Wireless Remote Controller
Underceiling Type	
	Gold Fin™Anti Corrosion
	Natural Wind By CHAOS Swing
	24-Hour OFF Setting Timer
	Wireless Remote Controller



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AF-RA091



LG

Life's Good





LG AIR CONDITIONING 2009

We always pursue highly advanced technologies to improve the quality of your life.  
 Enjoy a clean, quiet & comfortable life with LG Air Conditioners.



LG Electronics,  
The World's Best Seller

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Ceiling Cassette Type

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Floor Standing Type

















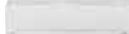
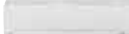
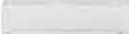
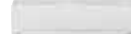






























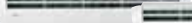
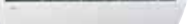


56




Underceiling Type

Models Line-up

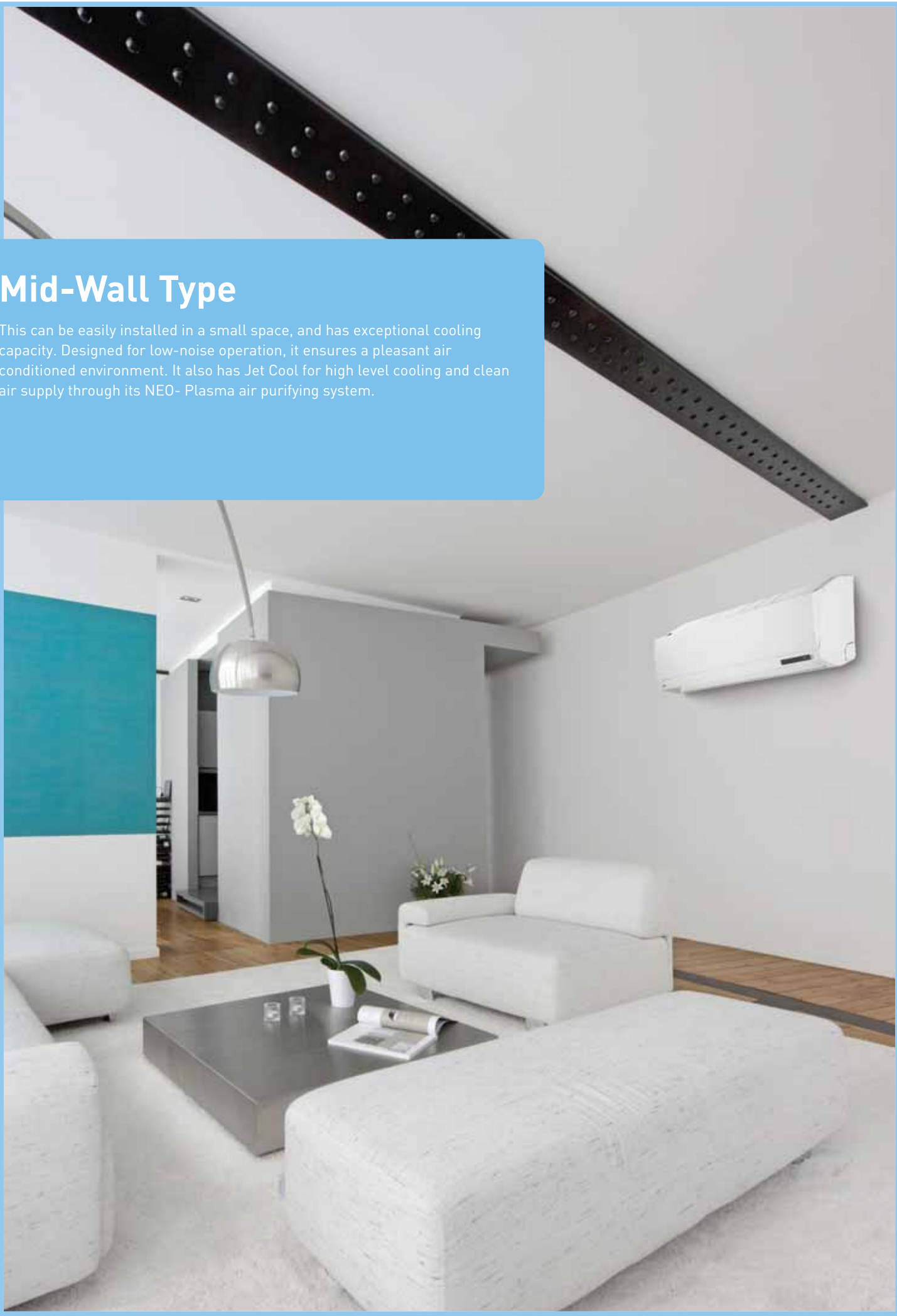
The World's Number 1 Choice in Air Conditioners!

Btu/h		7,000	9,000	12,000	18,000	22,000	24,000	26,000	30,000	36,000	42,000	48,000	60,000	72,000	80,000	100,000	150,000
Mid-Wall Type	ART COOL																
																	
	Inverter																
																	
	PLASMA GOLD <i>Plus</i>																
	gold																
Window Type																	
Ceiling Cassette Type									 	 	 	 					
Floor Standing Type																	
Underceiling Type										 	 	 	 				
																	

Btu/h		9,000	12,000	18,000	24,000	30,000	36,000	42,000	48,000	60,000	72,000	100,000
Hide-Away Type	Inverter											 
												

Single Packaged Type			Ducted Split Type									
												
3~5tons	6~7.5tons	10~30tons	3~5tons	7.5~10tons	12.5~20tons							

\* The exact appearance of products may vary from the images shown here.



# Mid-Wall Type

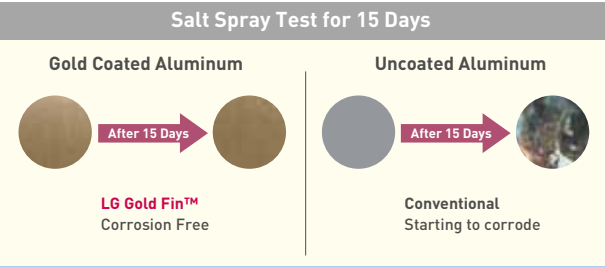
This can be easily installed in a small space, and has exceptional cooling capacity. Designed for low-noise operation, it ensures a pleasant air conditioned environment. It also has Jet Cool for high level cooling and clean air supply through its NEO- Plasma air purifying system.

## Mid-Wall Type

LG AIR CONDITIONERS 2009

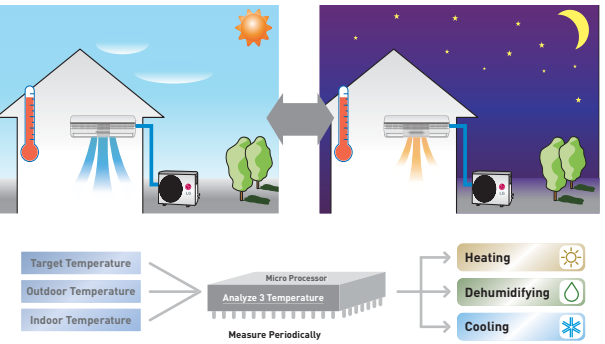
### Gold Fin™ Anti Corrosion

LG's Outdoor Heat Exchanger is coated with a gold-colored anti-corrosion epoxy treatment on the aluminum coil, to prevent corrosion. This maintains excellent heat transfer properties of the coil for an extended time, whereas non-Gold Fin™ coils progressively lose efficiency due to surface corrosion. Gold Fin™ fin is perfect for areas with high pollution or locations exposed to saltwater spray from the sea.



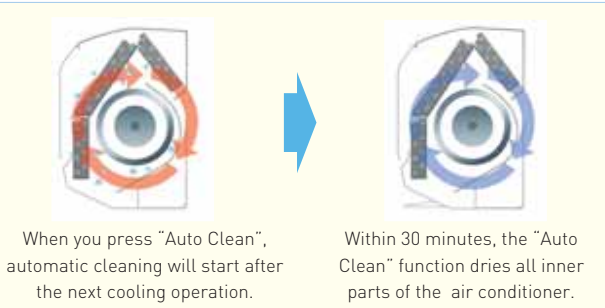
### Auto Changeover

Need not control on each time it big diurnal range areas.



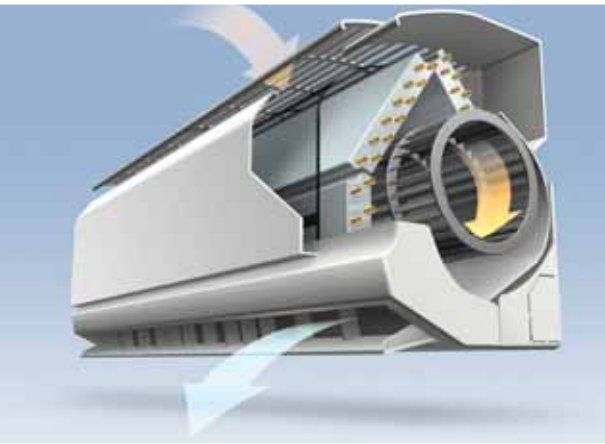
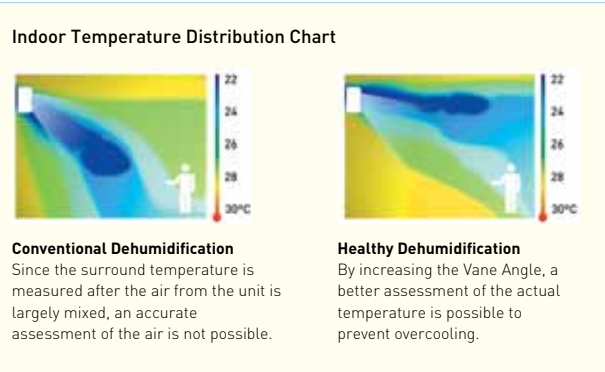
### Auto Clean

The main cause of unpleasant odors given off by air conditioners is mold growing in the heat exchanger. Whenever the unit is not operating, mold and bacteria will proliferate on the wet heat exchanger coils and fins. Our automatic cleaning feature dries the wet heat exchanger elements to prevent mold and bacteria from invading your air conditioner, eliminating unpleasant odors and saving you frequent cleaning efforts.



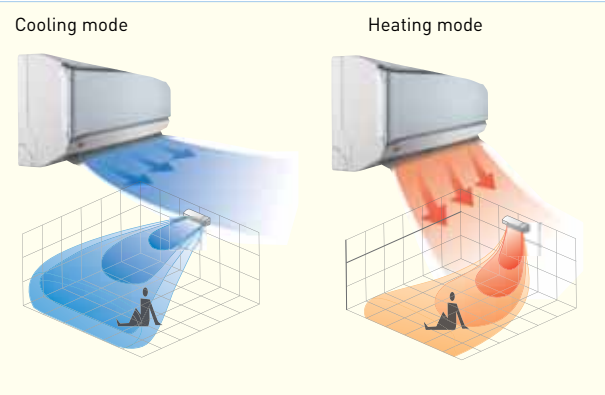
### Healthy Dehumidification

By using a newly designed compressor, humidity is eliminated to create a comfortable atmosphere without overcooling the room.



### 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.



# NEO-Plasma Plus Air Purifying System

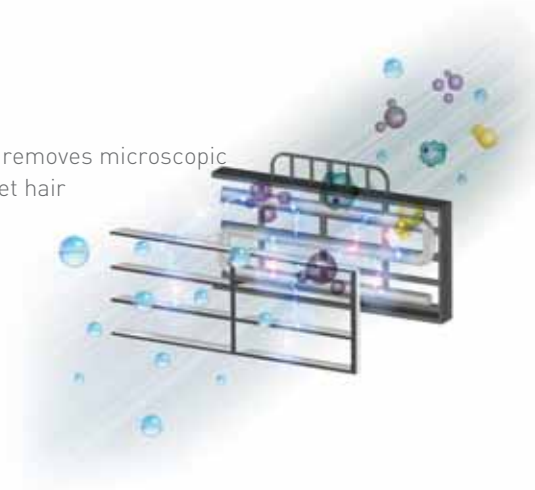


Need not control on each times in big diurnal range areas. The unique LG Electronics NEO-Plasma Air Purifying System, featuring a 12-level bio-enzyme filter, provides greatly enhanced sterilization performance. While air passes through each filter, the system effectively removes fine dust and mold particles, unpleasant odors, food smell and tobacco smoke, and completely eliminates bacteria.

It's stronger & better!  
LG's upgraded filtering system creates  
healthy and comfortable environment.

## Plasma Filter

The PLASMA Air Purifying System developed uniquely by LG not only removes microscopic contaminant and dust but it also removes house mites, pollen, and pet hair to prevent allergic diseases like asthma.

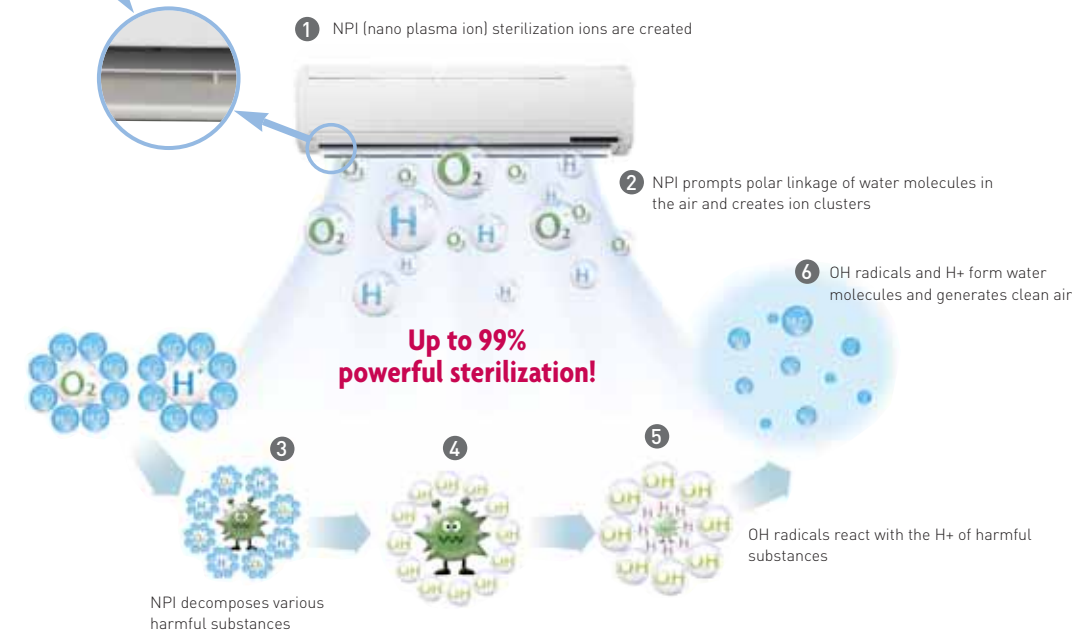


## Ionizer (Ion Generator)

**Health** utilizes ions to remove hazardous substances. Ionizer, an ion generator, is installed in the air outlet of the indoor unit. The device emits harmless active hydrogen and oxygen ions, which catches hazardous substances floating in the air such as molds, germs, and allergen. With **Health** Virus Safe system, clean air is circulated into every corner of the house.



Ion Generator



## What are the 3 Steps of Virus Save?

### Step1. Plasma Filter

*Sterilizes in-take air and creates clean and pure indoor environment.*

Plasma filter maintains clean and pure indoor environment by completely burning the remaining dust, germs, and odorous particles with the discharge of 4,800V high voltage plasma.

### Step2. Ionizer

*It discharges plus and minus ions to keep you more pleasant.*

Ionizer is an air purification system that creates pleasant living environment by providing fresh and sterilized air to every corner of the house.

### Step3. Auto Clean

*It keeps air conditioner dry, protecting against germs and molds.*

Now, there is no need to worry about unpleasant air conditioner smell. Auto Clean Function completely dries any moisture remaining inside the air conditioner and prevents breeding of molds and germs

# BAF Allergy Filter

## What is Allergy UK?

Allergy UK is a national medical charity established to represent the views and needs of people with allergy, food intolerance and chemical sensitivity. [Allergy UK is the operational name of the British Allergy Foundation (BAF), a charitable company limited by guarantee and registered in England and Wales]

\* Source: <http://www.allergyuk.org>



## What is the Seal of Approval?

The Seal of Approval is for products which restrict / reduce / remove allergens from the environment of the allergy sufferer (some products such as vacuum cleaners and air purifiers may contain a fragrance element and if you are concerned about this you should check before purchase). The Seal is also for products which have significantly reduced allergen content.

\* Source: <http://www.allergyuk.org>



## BAF Certification

Recognized by Allergy UK, LG's leading technology will keep your home healthy and comfortable.

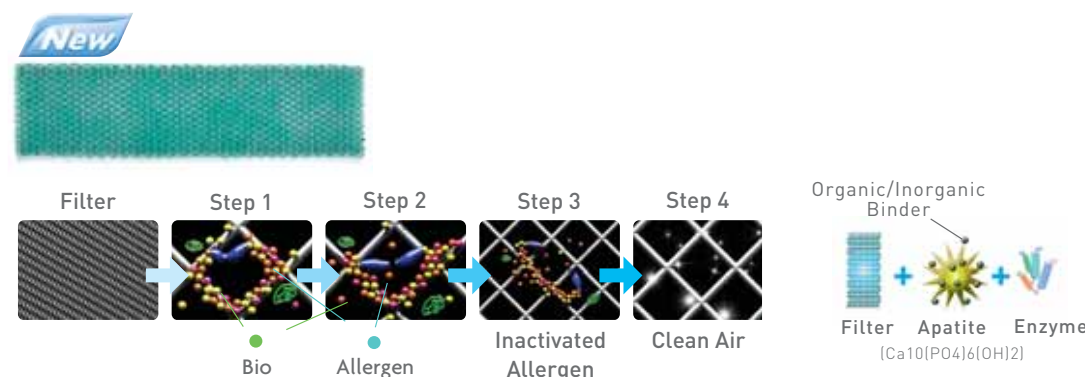
**Health** is certified by Allergy UK for your better living environment.



Test Result Certification

## Stop Sneezing! No More Allergy! Anti-Allergy filter

Various allergens such as acarid, dust, and pet hair exist in the air. **Health**'s BAF-certified allergy care filter decomposes allergen proteins and provides clean air. Enzymes that are attached to the filter by organic and inorganic binder break down allergen's protein to deactivating the allergen.

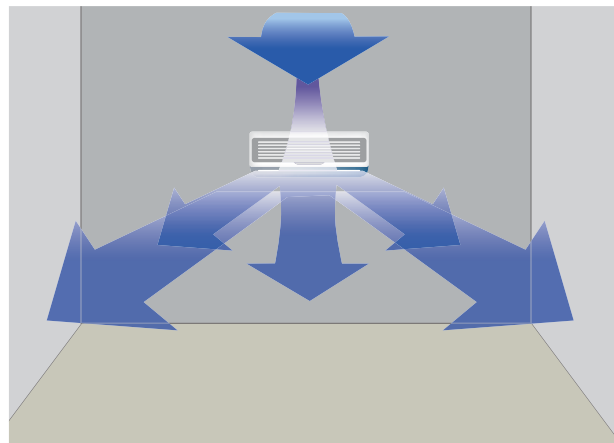


## Mid-Wall Type

LG AIR CONDITIONERS 2009

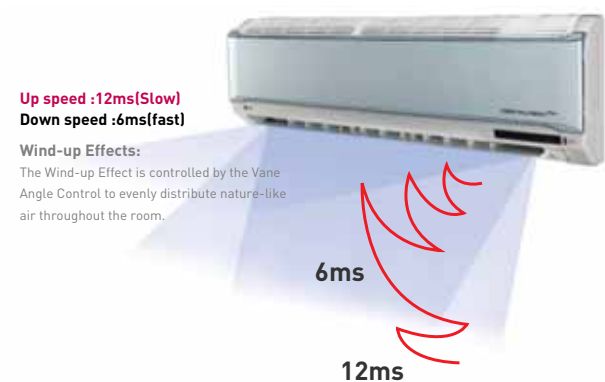
### 4 Way Auto Swing

LG Air Conditioning units now automatically distribute the air in 4 different directions. This effectively eliminates hot and cold patches, maintaining a uniform room temperature.



### New CHAOS Swing

The most pleasant breeze for the human body can be found in nature. Considerable research and testing resulted in the application of the CHAOS theory to LG Air Conditioners. CHAOS technology produces a more natural air flow by adjusting the angle and speed of the vane movement. CHAOS Swing technology also minimizes temperature differences within the room, creating a more comfortable and cooler environment.



### Hot Start Function

The Hot Start Function prevents cold air blowing from the unit during start-up in heating mode. The indoor fan starts operating only after the heat exchanger coils reach a preset temperature (28°C). When the coils reach a temperature of 28°C, the fan will blow at a low speed for 1 minute before operating at the preset speed.

### Easy Clean

#### • Ez-Detachable Grille



With easy access to any part of the unit, cleaning is done quickly and conveniently.



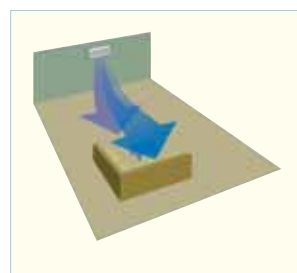
#### • Ez-Detachable Grille



Filters need to be cleaned frequently and are usually difficult to disassemble. That is why the LG Easy-to-Clean Grill is specially designed for easy removal and cleaning.

### 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 .



Mid-Wall Type

10  
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Mid-Wall Type \_ PLASMA

Cooling Only Heating & Cooling

LS-C1264SU0LS-H0964SU4LS-H1264SU0



Features

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

Specification

Model			LS-H0964SU4	LS-C1264SU0	LS-H1264SU0
Capacity					
Cooling	Btu/hr		9,000	12,000	12,000
Heating	Btu/hr		9,900	-	13,200
Electrical Data					
Power Input	Cooling/Heating	W	950/940	1,300 / -	1,300 / 1,250
Running Current	Cooling/Heating	A	4.2/4.0	5.8 / -	6 / 5.8
EER	Cooling	Btu/hr.W	9.50	9.2 (2.7)	9.20
COP	Heating	W	3.0	-	3.1
Power Supply		e,V,Hz	1,220-240,50	1,220-240,50	1,220-240,50
Air Circulation	Indoor, Max	m³/min	6.5 (229)	8.6 (303)	8.5 (300)
	Outdoor, Max	m³/min	23 (812)	23 (812)	23 (812)
Moisture Removal		l/h.	1.2 (2.55)	-	-
Noise Level (Sound pressure, 1m)	Indoor(H/M/L)	dB(A)±3	32 / 29 / 24	40 / 35 / 30	37 / 33 / 30
	Outdoor, Max	dB(A)±3	47	49	47
Installation & Stuffing					
Dimensions (WxHxD)	Indoor	mm	840 x 270 x 153	840 x 270 x 153	840 x 270 x 153
	outdoor	mm	717 x 481 x 228	717 x 481 x 228	717 x 481 x 228
Net Weight	Indoor/Outdoor	kg	7 / 25	7 / 25	7 / 25
Stuffing Quantity	Without S/Parts	20ft/40ft	130 / 280	130 / 280	130 / 280

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



9,000~12,000 Btu/h

Mid-Wall Type \_ PLASMA

Cooling Only Heating & Cooling

LS-C1865SU0LS-H1865SU0LS-C2665SU0LS-H2665SU0



Features

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

Specification

Model			LS-C1865SU0	LS-H1865SU0	LS-C2665SU0	LS-H2665SU0
Capacity						
Cooling	Btu/hr		18,500	18,500	26,000	26,000
Heating	Btu/hr		-	19,800	-	28,400
Electrical Data						
Power Input	Cooling/Heating	W	1,950 / -	1,998 / 1,840	2,700 / -	2,700 / 2,770
Running Current	Cooling/Heating	A	8.5 / -	9.2 / 8.4	12.6 / -	12.6 / 12.6
EER	Cooling	Btu/hr.W	9.5 (2.77)	9.3 (2.27)	9.63 (2.82)	9.6 (2.8)
COP	Heating	W	-	3.2	-	2.8
Power Supply		e,V,Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50
Air Circulation	Indoor, Max	m³/min	14 (495)	14 (495)	16 (566)	16 (566)
	Outdoor, Max	m³/min	42 (1,483)	42 (1,483)	42 (1,483)	42 (1,483)
Moisture Removal		l/h.	-	2.1 (4.46)	-	-
Noise Level (Sound pressure, 1m)	Indoor(H/M/L)	dB(A)±3	40 / 37 / 33	40 / 37 / 33	44 / 40 / 35	44 / 40 / 35
	Outdoor, Max	dB(A)±3	56	56	56	56
Installation & Stuffing						
Dimensions (WxHxD)	Indoor	mm	1,090 x 300 x 178	1,090 x 300 x 178	1,090 x 300 x 178	1,090 x 300 x 178
	outdoor	mm	840 x 577 x 276	840 x 577 x 276	840 x 577 x 276	840 x 577 x 276
Net Weight	Indoor/Outdoor	kg	13.5 / 50	13.5 / 50	13.5 / 50	13.5 / 50
Stuffing Quantity	Without S/Parts	20ft/40ft	77 / 164	77 / 164	77 / 164	77 / 164

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



18,000~24,000 Btu/h

Mid-Wall Type

12

13

Mid-Wall Type \_ PLASMA

Cooling Only Heating & Cooling

LS-C306DM3LS-H306DM3



Features

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

Specification

Model			LS-C306DM3	LS-H306DM3
Capacity				
Cooling	Btu/hr		30,000	30,000
Heating	Btu/hr		-	32,000
Electrical Data				
Power Input	Cooling/Heating	W	3,150 / -	3,150 / 3,440
Running Current	Cooling/Heating	A	14.0 / -	14.5 / 15.5
EER	Cooling	Btu/hr.W	9.52	10.16
COP	Heating	W	-	COP
Power Supply		e.V,Hz	1,220~240.50	1,220~240.50
Air Circulation	Indoor, Max	m³/min	20	20
	Outdoor, Max	m³/min	58	58
Moisture Removal		l /h.	3.8	3.8
Noise Level (Sound pressure, 1m)	Indoor(H/M/L)	dB(A)±3	47	47
	Outdoor, Max	dB(A)±3	58	58
Installation & Stuffing				
Dimensions (WxHxD)	Indoor	mm	1,209 x 346 x 205	1,209 x 346 x 205
	outdoor	mm	870 x 800 x 320	870 x 800 x 320
Net Weight	Indoor/Outdoor	kg	18/72	18/72
Stuffing Quantity	Without S/Parts	20ft/40ft	49/108	49/108

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



30,000 Btu/h

Mid-Wall Type \_ PLASMA

Cooling Only Heating & Cooling

LS-C366DGM1LS-H366DGM1



Features

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

Specification

Model			LS-C306DM3	LS-H306DM3
Capacity				
Cooling	Btu/hr		36,000	36,000
Heating	Btu/hr		-	36,000
Electrical Data				
Power Input	Cooling/Heating	W	4,200 / -	4,200 / 3,900
Running Current	Cooling/Heating	A	19 / -	19 / 18
EER	Cooling	Btu/hr.W	8.57	8.57
COP	Heating	W	-	2.51
Power Supply		e.V,Hz	1,220~240.50	1,220~240.50
Air Circulation	Indoor, Max	m³/min	24	24
	Outdoor, Max	m³/min	60	60
Moisture Removal		l /h.	4.2	4.2
Noise Level (Sound pressure, 1m)	Indoor(H/M/L)	dB(A)±3	47	47
	Outdoor, Max	dB(A)±3	58	58
Installation & Stuffing				
Dimensions (WxHxD)	Indoor	mm	1,259 x 349 x 205	1,259 x 349 x 205
	outdoor	mm	790 x 965 x 320	790 x 965 x 320
Net Weight	Indoor/Outdoor	kg	19/80	19/80
Stuffing Quantity	Without S/Parts	20ft/40ft	40/85	40/85

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



36,000 Btu/h

Mid-Wall Type

14

15

Mid-Wall Type \_ GOLD

Cooling Only Heating & Cooling

S126GH S186GH



Features

- Gold Fin™Anti Corrosion • Jet Cool™ • Natural Wind By CHAOS Swing • Auto Restart
- Wireless Remote Controller • Quiet Operation • Sleep Mode Auto Operation • 7-Hour OFF Setting Timer
- One-Touch Air Filter(Anti-Bacteria) • Healthy Dehumidification

Specification

Model			S126GH	S186GH
Capacity				
Cooling	Btu/hr		12,000	18,500
Heating	Btu/hr		13,200	19,800
Electrical Data				
Power Input	Cooling/Heating W		1,300 / 1,250	1,998 / 1,840
Running Current	Cooling/Heating A		6 / 5.8	9.2 / 8.4
EER	Cooling Btu/hr.W		9.20	9.3 (2.27)
COP	Heating W		3.1	3.2
Power Supply	e.V,Hz		1,220-240,50	1,220-240,50
Air Circulation	Indoor, Max	m³/min	8.5 (300)	14 (495)
	Outdoor, Max	m³/min	23 (812)	42 (1,483)
Moisture Removal		l /h.	-	2.1 (4.46)
Noise Level (Sound pressure, 1m)	Indoor(H/M/L)	dB(A)±3	37 / 33 / 30	40 / 37 / 33
	Outdoor, Max	dB(A)±3	47	56
Installation & Stuffing				
Dimensions (WxHxD)	Indoor	mm	840x270x153	1,090x300x178
	outdoor	mm	717x481x228	840x577x276
Net Weight	Indoor/Outdoor	kg	7 / 25	13.5 / 50
Stuffing Quantity	Without S/Parts	20ft/40ft	130 / 280	77 / 164

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



Mid-Wall Type \_ GOLD

Cooling Only Heating & Cooling

S096GH S266GH



Features

- Gold Fin™Anti Corrosion • Jet Cool™ • Natural Wind By CHAOS Swing • Auto Restart • Wireless Remote Controller
- Quiet Operation • Sleep Mode Auto Operation • 7-Hour OFF Setting Timer • One-Touch Air Filter(Anti-Bacteria)
- Healthy Dehumidification

Specification

Model			S096GH	S266GH
Capacity				
Cooling	Btu/hr		9,000	26,000
Heating	Btu/hr		9,900	26,400
Electrical Data				
Power Input	Cooling/Heating W		950 / 945	2,700 / 2,503
Running Current	Cooling/Heating A		4.2 / 4.1	12.6 / 10.9
EER	Cooling Btu/hr.W		9.50	8.89 (2.6)
COP	Heating W		3.0	2.86
Power Supply	e.V,Hz		1,220-240,50	1,220-240,50
Air Circulation	Indoor, Max	m³/min	6.2 (229)	16 (566)
	Outdoor, Max	m³/min	23 (812)	42 (1,483)
Moisture Removal		l /h.	1.2 (2.55)	-
Noise Level (Sound pressure, 1m)	Indoor(H/M/L)	dB(A)±3	32 / 29 / 24	44 / 40 / 35
	Outdoor, Max	dB(A)±3	47	56
Installation & Stuffing				
Dimensions (WxHxD)	Indoor	mm	840x270x153	1,090x300x178
	outdoor	mm	717x481x228	840x577x276
Net Weight	Indoor/Outdoor	kg	7 / 25	13.5 / 50
Stuffing Quantity	Without S/Parts	20ft/40ft	130 / 280	77 / 164

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



Mid-Wall Type

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# ART COOL

If you are looking for an Air Conditioning Unit that is different from the rest, choose an Art Cool Air Conditioner. Finally - an Air Conditioning Unit that looks stylish, innovative and attractive. Every feature has been added to the refined Art Cool Series, including the Plasma Air Purifying System, Gold Fin, Plasma Heat Exchanger, as well as Auto Clean & Jet Cool. Suited for smaller rooms, like bedrooms & offices, the Art Cool Mirror is a welcome addition to conventionally styled air conditioners.



## ART COOL

LG AIR CONDITIONERS 2009

### Modern & Luxury Design

Our premium designs are a perfect match for any room.



### Ez-Replaceable Color Panel

The ARTCOOL Chameleon Panel enables you to change the color of your air conditioner to match your interior, the first of its kind in the world. Change the panel to match your interior design (wallpaper, furniture, etc.) or when you are ready for a new color. (Only the panel itself is interchangeable.)

### Ultra Thin

Technology mixed with a sense of art created create the super slim design with a depth of only 129mm.

*The slimmest  
in the world!*



129mm

### Digital Air Flow Control

More comfort and convenience with electronic air flow control.



**Normal**  
Quick & Wide



**Jet Cool**  
Speedy & Powerful



**Sleep Mode**  
Indirect & Smooth

### Air Flow Control

More Comfort and Convenience with controlled Air Flow

1. Under normal conditions, a 3-directional air flow cools the room fast and evenly.
2. The bottom outlet provides speedy and powerful cooling.
3. In Sleep Mode, the side outlets provide a soft and indirect flow of cool air.

### 3 Dimensional Air Flow

Designed like a work of art under the new concept of 3-dimensional air flow. The unit cools both quickly and evenly from three outlets located at the bottom and the sides.



ARTCOOL Type

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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 whatever you want, whenever you want to.



Modern & Luxurious Design

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



Sample

3-Dimensional Air Flow

Designed like a work of art, the new concept of 3 dimensional air flow provides even and quick cooling from front and both sides making the space equally 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.



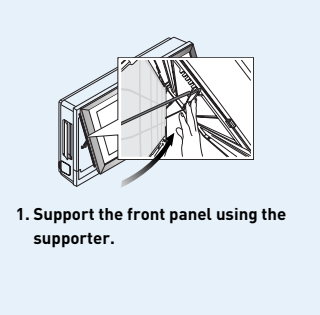
Jet Cool  
Speedy & Powerful



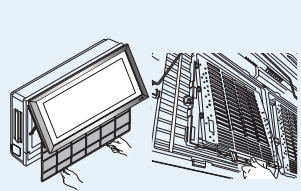
Sleep Mode  
Indirectly & Softly

Easy Clean system

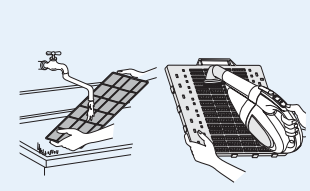
To front panel support, installing and cleaning convenience



1. Support the front panel using the supporter.



2. Take out the air filter or plasma filter.



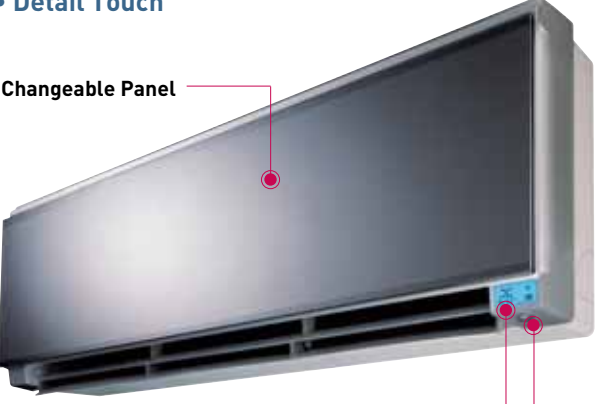
3. Clean the filter with a vacuum cleaner or warm soap water.

Design & Concept



• Detail Touch

Changeable Panel



Display on operting

Remote-receiver

Available Color

The air conditioner features luxury all-color texture-based premium feature-reinforced glass panels.



\*Mirror(R)



\*Silver(V)



\*Blue(B)



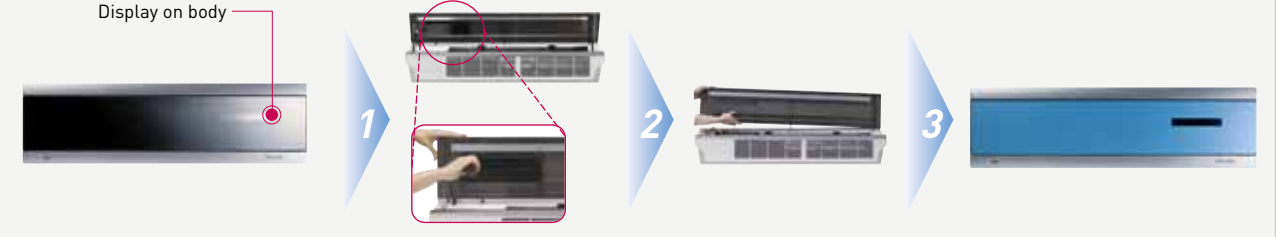
\*Dark Wood(N)



\*[M]Metal

Easy Panel Change

Old \_ Display Wiring + Panel exchange



New \_ Only Panel Exchange



ART COOL \_GALLERY

Cooling Only Heating & Cooling

LS-H096F2L0LS-H126F2L0



Courbet, Gustave (1817–1877)  
Lake Geneva at sunset



Features

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

Specification

Model			LS-H096F2L0	LS-H126F2L0
Capacity				
Cooling	Btu/hr		9,000	11,500
Heating	Btu/hr		9,500	12,500
Electrical Data				
Power Input	Cooling/Heating	W	920 / 830	1,290 / 1,220
Running Current	Cooling/Heating	A	4.1 / 3.7	6.1 / 5.7
EER	Cooling	Btu/hr.W	9.78	8.92
COP	Heating	W	3.36	3.00
Power Supply		e.V,Hz	1, 220–240, 50	1, 220–240, 50
Air Circulation	Indoor, Max	m³/min	7.5	8.5
	Outdoor, Max	m³/min	26	26
Moisture Removal		l /h.	1.2	1.4
Noise Level (Sound pressure, 1m)	Indoor(H/M/L)	dB(A)±3	36	42
	Outdoor, Max	dB(A)±3	46	46
Installation & Stuffing				
Dimensions (WxHxD)	Indoor	mm	600x600x145	600x600x145
	outdoor	mm	770x540x245	770x540x245
Net Weight	Indoor/Outdoor	kg	15/34	15/34
Stuffing Quantity	Without S/Parts	20ft/40ft	92/193	92/193

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



9,000–12,000 Btu/h

ART COOL \_GALLERY

Cooling Only Heating & Cooling

LS-H186G3L0LS-H246G3L0



Features

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

Specification

Model			LS-H186G3L0	LS-H246G3L0
Capacity				
Cooling	Btu/hr		18,000	22,000
Heating	Btu/hr		18,500	22,000
Electrical Data				
Power Input	Cooling/Heating	W	1,960 / 2,080	2,550 / 2,600
Running Current	Cooling/Heating	A	9.2 / 9.8	12.0 / 12.0
EER	Cooling	Btu/hr.W	9.18	8.63
COP	Heating	W	2.61	2.48
Power Supply		e.V,Hz	1,220–240,50	1,220–240,50
Air Circulation	Indoor, Max	m³/min	12	13
	Outdoor, Max	m³/min	42	48
Moisture Removal		l /h.	2.0	2.3
Noise Level (Sound pressure, 1m)	Indoor(H/M/L)	dB(A)±3	44	48
	Outdoor, Max	dB(A)±3	50	53
Installation & Stuffing				
Dimensions (WxHxD)	Indoor	mm	934x528x170	934x528x170
	outdoor	mm	840x575x275	870x655x320
Net Weight	Indoor/Outdoor	kg	65/132	20/63
Stuffing Quantity	Without S/Parts	20ft/40ft	66/133	58/121

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



18,000–24,000 Btu/h

ARTCOOL Type

22

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# ART COOL \_MIRROR

Cooling Only   Heating & Cooling

LS-H096ZRL5   LS-H126URM5  
LS-H096ZML5   LS-H126UMM5



### Features

- Gold Fin™ Anti Corrosion • Auto Changeover (Heat Pump Only) • Jet Cool™ • Auto Cleaning
- 4-Way Auto swing(Over 12K Btu/h) • Wireless Remote Controller • Quiet Operation • Sleep Mode Auto Operation
- Auto Operation • Auto Restart • 24-Hour ON/OFF Setting Timer • Natural Wind By CHAOS Swing
- One-Touch Air Filter(Anti-Bacteria) • Healthy Dehumidification

### Specification

Model			LS-H096ZRL5	LS-H126URM5	LS-H096ZML5	LS-H126UMM5
Capacity						
Cooling	Btu/hr		9,000	12,000	9,000	12,000
Heating	Btu/hr		9,300	12,500	9,300	12,500
Electrical Data						
Power Input	Cooling/Heating	W	920 / 850	1,250 / 1,200	920 / 850	1,250 / 1,200
Running Current	Cooling/Heating	A	4.2 / 4.0	5.7 / 5.6	4.2 / 4.0	5.7 / 5.6
EER	Cooling	Btu/hr.W	9.78	9.6	9.78	9.6
COP	Heating	W	3.21	3.05	3.21	3.05
Power Supply		e.V,Hz	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50
Air Circulation	Indoor, Max	m³/min	6.5	9.5	6.5	9.5
	Outdoor, Max	m³/min	26	26	26	26
Moisture Removal		l /h.	1.2	1.4	1.2	1.4
Noise Level (Sound pressure, 1m)	Indoor(H/M/L)	dB(A)±3	37	37	37	37
	Outdoor, Max	dB(A)±3	46	46	46	46
Installation & Stuffing						
Dimensions (WxHxD)	Indoor	mm	900x272x135	1,030x290x153	900x272x135	1,030x290x153
	outdoor	mm	770x540x245	770x540x245	770x540x245	770x540x245
Net Weight	Indoor/Outdoor	kg	8.3/31	9.5/34	8.3/31	9.5/34
Stuffing Quantity	Without S/Parts	20ft/40ft	105/216	96/205	105/216	96/205

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



9,000~12,000 Btu/h

# ART COOL \_MIRROR

Cooling Only   Heating & Cooling

LS-H1868RM0   LS-H2468RM0  
LS-H1868VM0   LS-H2468VM0



### Features

- Gold Fin™ Anti Corrosion • Auto Changeover (Heat Pump Only) • Jet Cool™ • Auto Cleaning
- 4-Way Auto swing(Over 12K Btu/h) • Wireless Remote Controller • Quiet Operation • Sleep Mode Auto Operation
- Auto Operation • Auto Restart • 24-Hour ON/OFF Setting Timer • Natural Wind By CHAOS Swing
- One-Touch Air Filter(Anti-Bacteria) • Healthy Dehumidification

### Specification

Model			LS-H1868RM0	LS-H2468RM0	LS-H1868VM0	LS-H2468VM0
Capacity						
Cooling	Btu/hr		18,500	24,000	18,500	24,000
Heating	Btu/hr		19,800	26,400	19,800	26,400
Electrical Data						
Power Input	Cooling/Heating	W	1,990 / 1,840	2,770 / 2,770	1,990 / 1,840	2,770 / 2,770
Running Current	Cooling/Heating	A	9.2 / 8.4	12.6 / 12.6	9.2 / 8.4	12.6 / 12.6
EER	Cooling	Btu/hr.W	9.30	8.66	9.30	8.66
COP	Heating	W	3.15	2.79	3.15	2.79
Power Supply		e.V,Hz	1, 220~240, 50	1, 220~240, 50	1, 220~240, 50	1, 220~240, 50
Air Circulation	Indoor, Max	m³/min	14.0	16	14.0	16
	Outdoor, Max	m³/min	42	42	42	42
Moisture Removal		l /h.	1.8	2.8	1.8	2.8
Noise Level (Sound pressure, 1m)	Indoor(H/M/L)	dB(A)±3	40	44	40	44
	Outdoor, Max	dB(A)±3	56	56	56	56
Installation & Stuffing						
Dimensions (WxHxD)	Indoor	mm	1,107x299x200	1,107x299x200	1,107x299x200	1,107x299x200
	outdoor	mm	840x575x275	840x575x275	840x575x275	840x575x275
Net Weight	Indoor/Outdoor	kg	14/46	14/50	14/46	14/50
Stuffing Quantity	Without S/Parts	20ft/40ft	72/144	72/144	72/144	72/144

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



18,000~24,000 Btu/h

ARTCOOL Type

24

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## 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. All LG Inverter units have 7 major benefits including premium features like

## 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

### Economical

High energy efficiency ensures a much more economical system

### Powerful

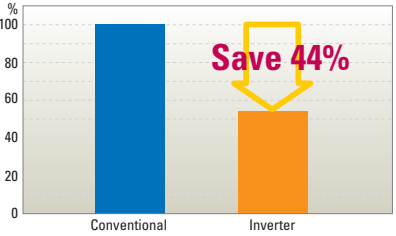
Ensures rapid cooling in summer and rapid heating in winter

### Comfortable

Attains and maintains set temperature fast with minimal noise

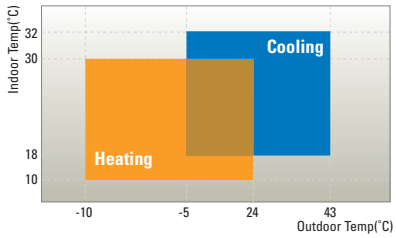
### Energy Saving

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.



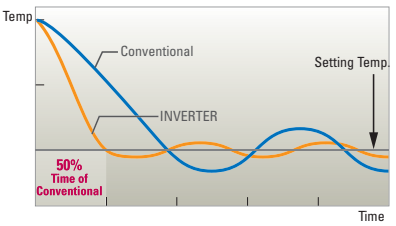
### Powerful Heating Capacity

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



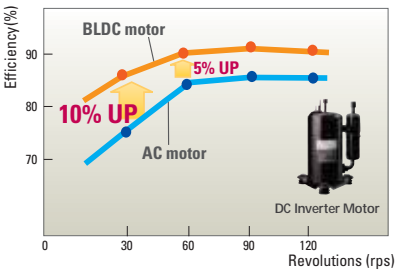
### Quick Cooling & Heating

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.

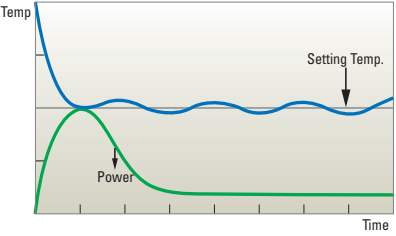


### DC Inverter Compressor

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

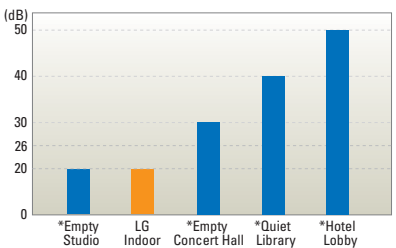


### INVERTER



### Quiet Operation

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



ART COOL\_MIRROR



Cooling OnlyHeating & Cooling

C09AWR C12AWR  
C09AWV C12AWV



Features

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

Specification

Model			C09AWR	C12AWR	C09AWV	C12AWV
Capacity						
Cooling	Btu/hr		9,000	12,000	9,000	12,000
Heating	Btu/hr		12,300	15,600	12,300	15,600
Electrical Data						
Power Input	Cooling/Heating	W	650 / 870	1,090 / 1,260	650 / 870	1,090 / 1,260
Running Current	Cooling/Heating	A	3.0 / 4.0	4.8 / 5.7	3.0 / 4.0	4.8 / 5.7
EER	Cooling	Btu/hr.W	13.85	11.01	13.85	11.01
COP	Heating	W	4.10	3.63	4.10	3.63
Power Supply		e,V,Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50
Air Circulation	Indoor, Max	m³/min	10.5	10.5	10.5	10.5
	Outdoor, Max	m³/min	27	27	27	27
Moisture Removal		l/h.	1,000	1,000	1,000	1,000
Noise Level <small>(Sound pressure, 1m)</small>	Indoor(H/M/L)	dB(A)±3	31	31	31	31
	Outdoor, Max	dB(A)±3	45	45	45	45
Installation & Stuffing						
Dimensions (WxHxD)	Indoor	mm	912 x 282 x 165	912 x 282 x 165	912 x 282 x 165	912 x 282 x 165
	outdoor	mm	770 x 545 x 245	770 x 545 x 245	770 x 545 x 245	770 x 545 x 245
Net Weight	Indoor/Outdoor	kg	10 / 32	10 / 32	10 / 32	10 / 32
Stuffing Quantity	Without S/Parts	20ft/40ft	99 / 213	99 / 213	99 / 213	99 / 213

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



9,000~12,000 Btu/h

ART COOL\_MIRROR



Cooling OnlyHeating & Cooling

C18AWR C24AWR  
C18AWV C24AWV



Features

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

Specification

Model			C18AWR	C24AWR	C18AWR	C24AWR
Capacity						
Cooling	Btu/hr		18,000	24,000	18,000	24,000
Heating	Btu/hr		20,700	28,800	20,700	28,800
Electrical Data						
Power Input	Cooling/Heating	W	1,640 / 1,770	2,450 / 2,900	1,640 / 1,770	2,450 / 2,900
Running Current	Cooling/Heating	A	7.3 / 8.3	11.0 / 13.0	7.3 / 8.3	11.0 / 13.0
EER	Cooling	Btu/hr.W	10.98	9.8	10.98	9.8
COP	Heating	W	3.43	2.91	3.43	2.91
Power Supply		e,V,Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50
Air Circulation	Indoor, Max	m³/min	16	20.3	16	20.3
	Outdoor, Max	m³/min	42	58	42	58
Moisture Removal		l/h.	1,200	1,800	1,200	1,800
Noise Level <small>(Sound pressure, 1m)</small>	Indoor(H/M/L)	dB(A)±3	42	43	42	43
	Outdoor, Max	dB(A)±3	54	55	54	55
Installation & Stuffing						
Dimensions (WxHxD)	Indoor	mm	1,170 x 299 x 200	1,170 x 299 x 200	1,170 x 299 x 200	1,170 x 299 x 200
	outdoor	mm	870 x 655 x 320	870 x 800 x 320	870 x 655 x 320	870 x 800 x 320
Net Weight	Indoor/Outdoor	kg	13.5/60	13.5/60	13.5/60	13.5/60
Stuffing Quantity	Without S/Parts	20ft/40ft	63/130	63/130	63/130	63/130

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



18,000~24,000 Btu/h

Mid-Wall Type \_ **INVERTER**



Cooling Only

Heating & Cooling

S09AM

S12AM



Features

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

Specification

Model				S09AM	S12AM
Capacity					
Cooling		Btu/hr		9,000	12,000
Heating		Btu/hr		10,800	13,650
Electrical Data					
Power Input	Cooling/Heating	W		820 / 930	1,090 / 1,170
Running Current	Cooling/Heating	A		3.8 / 4.3	5.0 / 5.3
EER	Cooling	Btu/hr.W		10.99	11.01
COP	Heating	W		3.41	3.42
Power Supply		e.V,Hz		1, 220-240,50	1, 220-240,50
Air Circulation	Indoor, Max	m³/min		9.5	10.8
	Outdoor, Max	m³/min		26	26
Moisture Removal		l /h.		1.3	1.5
Noise Level <small>(Sound pressure, 1m)</small>	Indoor(H/M/L)	dB(A)±3		32 / 28 / 25 / 22	38 / 30 / 25 / 22
	Outdoor, Max	dB(A)±3		45	45
Installation & Stuffing					
Dimensions (WxHxD)	Indoor	mm		840x270x153	840x270x153
	outdoor	mm		770x545x245	770x545x245
Net Weight	Indoor/Outdoor	kg		7.5 / 32	7.5 / 32
Stuffing Quantity	Without S/Parts	20ft/40ft		102 / 209	102 / 209

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



9,000~12,000 Btu/h

Mid-Wall Type \_ **INVERTER**



Cooling Only

Heating & Cooling

S18AW

S24AW



Features

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

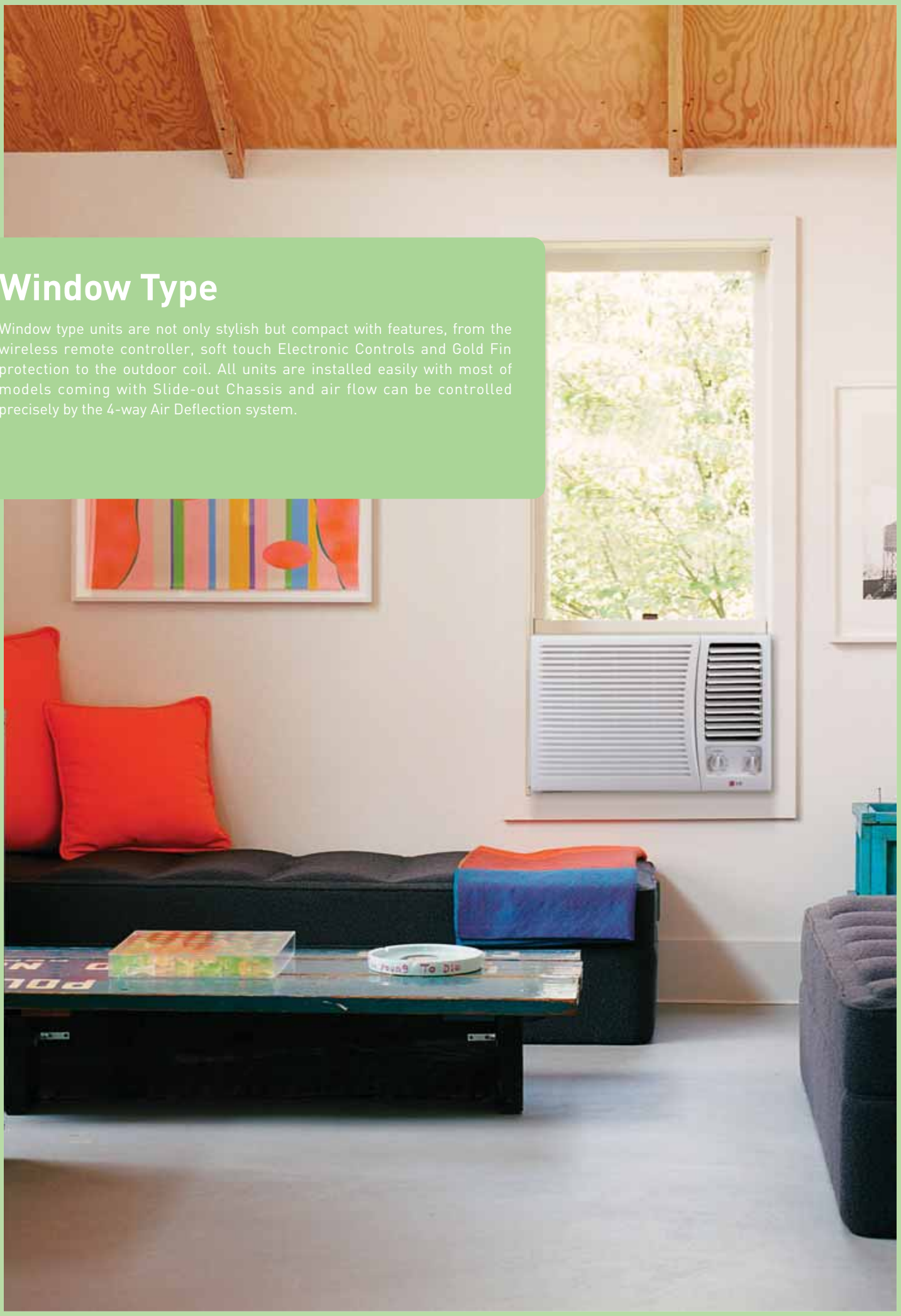
Specification

Model				S18AW	S18AW
Capacity					
Cooling		Btu/hr		18,000	24,000
Heating		Btu/hr		20,700	27,570
Electrical Data					
Power Input	Cooling/Heating	W		1,640 / 1,770	2,500 / 2,880
Running Current	Cooling/Heating	A		7.3 / 8.3	11.0 / 13.0
EER	Cooling	Btu/hr.W		10.98	9.60
COP	Heating	W		3.43	2.81
Power Supply		e.V,Hz		1, 220-240,50	1, 220-240,50
Air Circulation	Indoor, Max	m³/min		16	18
	Outdoor, Max	m³/min		42	58
Moisture Removal		l /h.		2.1	2.7
Noise Level <small>(Sound pressure, 1m)</small>	Indoor(H/M/L)	dB(A)±3		42 / 39 / 36 / 34	44 / 41 / 37 / 35
	Outdoor, Max	dB(A)±3		55	56
Installation & Stuffing					
Dimensions (WxHxD)	Indoor	mm		1,090x300x178	1,090x300x178
	outdoor	mm		870x655x320	870x800x320
Net Weight	Indoor/Outdoor	kg		13 / 46	13 / 60
Stuffing Quantity	Without S/Parts	20ft/40ft		63 / 130	63 / 130

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



18,000~24,000 Btu/h



## 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.

## Window Type

LG AIR CONDITIONERS 2009

### Gold Fin™Anti Corrosion

LG's Outdoor Heat Exchanger is coated with a gold-colored anti-corrosive epoxy treatment on the aluminum coil, to prevent corrosion. This maintains excellent heat transfer properties of the coil for an extended time, whereas non-Gold Fin, coils progressively lose efficiency due to surface corrosion. Gold Fin™, fin is perfect for areas with high pollution or locations exposed to saltwater spray from the sea.

### Auto Restart (Micom)

In case of a sudden power failure, this feature will automatically restore the A/C to its previous settings when power returns.

### 4-Way Air Deflection

Adjustable front louvers let you adjust the airflow both horizontally and vertically.



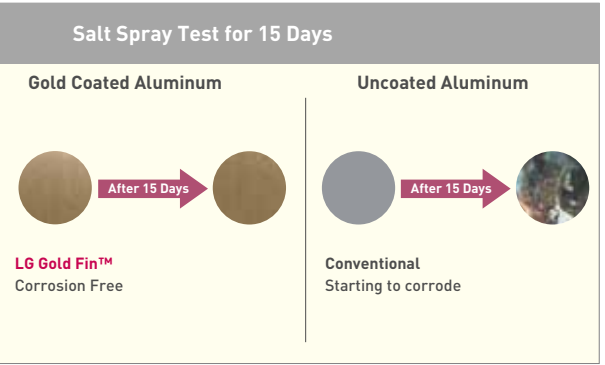
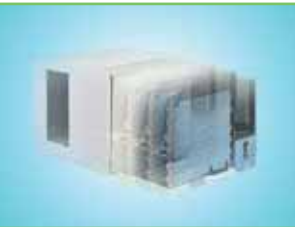
### Auto Swing

The adjustable front louvers let you control the airflow both horizontally and vertically. (Same as the "4-Way Air Deflection System")



### Slide-out Chassis

For easy installation and service, the slide-out chassis saves much of the hassle when removing the unit from the window or wall.



Window Type

Cooling OnlyHeating & Cooling

W096BCW096BH  
W126BCW126BH



Features

- Gold Fin™ Anti Corrosion • 4-Way Air Deflection
- One-Touch Air Filter • Slide-Out Chassis

Specification

Model			W096BC	W096BH	W126BC	W126BH
Capacity						
Cooling	Btu/hr		9,000	9,000	12,000	12,000
Heating	Btu/hr		-	9,000	-	12,000
Electrical Data						
Power Input	Cooling	W	945	1,000	1,200	1,350
	Heating	W	-	920	-	1,150
Running Current	Cooling	A	4.4	4.4	5.3	5.7
	Heating	A	-	4.0	-	5.0
EER	Cooling	Btu/hr.W	9.5	9.0	9.6	8.9
COP	Heating	W	-	2.87	-	3.06
Power Supply		ϕ,V,Hz	1,220~240.50	1,220~240.50	1,220~240.50	1,220~240.50
Air Circulation	Indoor, Max	m³/min	5.8	7.0	8.3	8.4
	Outdoor, Max	m³/min	11.5	12	16	16
Moisture Removal		l/h.	1.0	1.4	1.3	1.2
Noise Level <small>(Sound pressure, 1m)</small>	Indoor[H/M/L]	dB(A)±3	48	48	51	50
	Outdoor, Max	dB(A)±3	54	55	57	56
Installation & Stuffing						
Dimensions	[WxHxD]	mm	469 x 353 x 525	600 x 380 x 567	600x380x567	600x380x567
Net Weight	Indoor/Outdoor	kg	32	39	41	46
Stuffing Quantity	Without S/Parts	20ft/40ft	200/419	135/297	135/297	135/297

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

Window Type

Cooling OnlyHeating & Cooling

W186BCW186BH  
W246BCW246BH



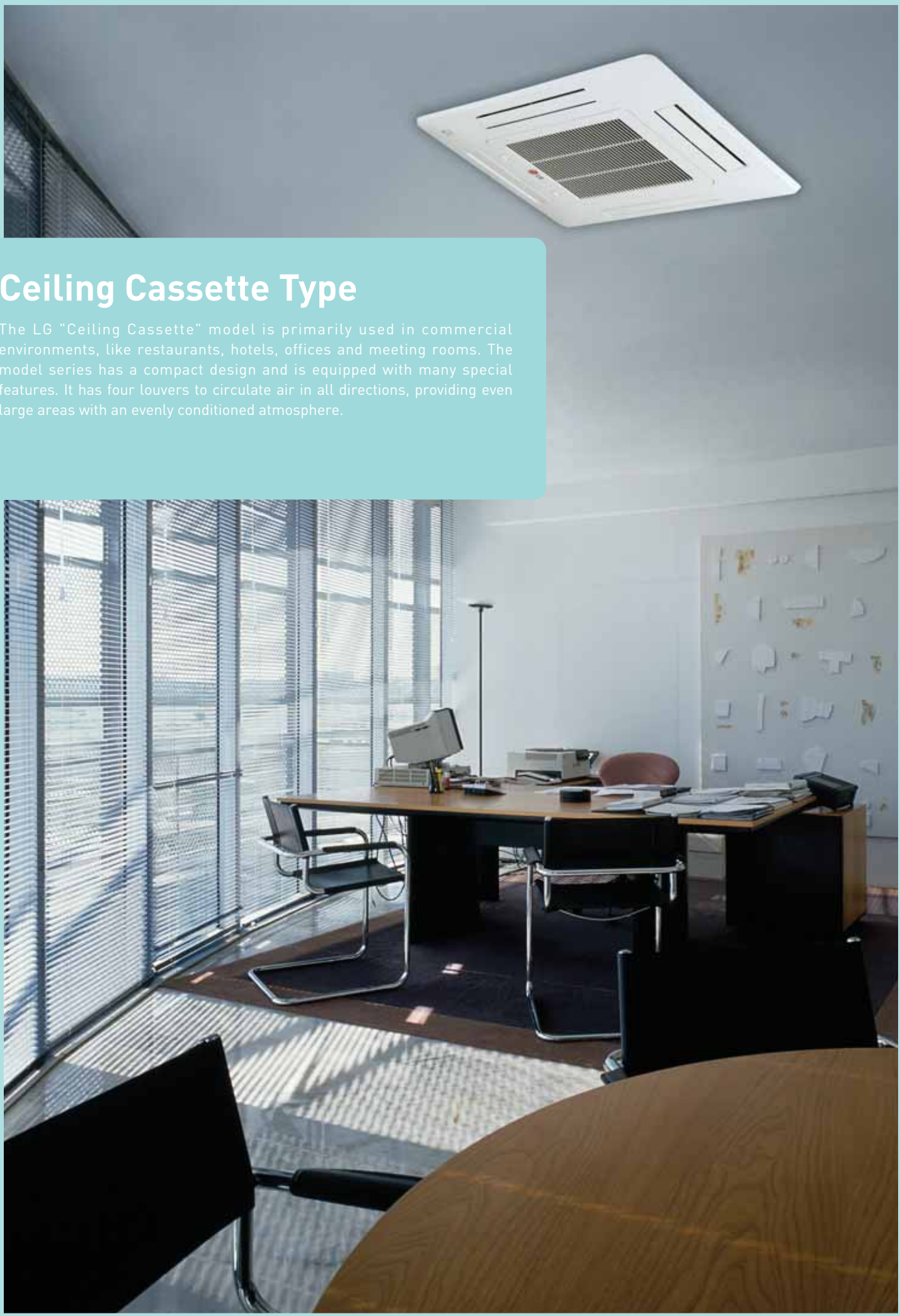
Features

- Gold Fin™ Anti Corrosion • 4-Way Air Deflection
- One-Touch Air Filter • Slide-Out Chassis

Specification

Model			W186BC	W186BH	W246BC	W246BH
Capacity						
Cooling	Btu/hr		18,000	18,000	24,000	24,000
Heating	Btu/hr		-	18,000	-	24,000
Electrical Data						
Power Input	Cooling	W	1,925	2,460	2,580	2,740
	Heating	W	-	2,300	-	2,210
Running Current	Cooling	A	9.2	12.0	12.8	12.8
	Heating	A	-	11.0	-	12.5
EER	Cooling	Btu/hr.W	9.4	7.3	9.3	8.8
COP	Heating	W	-	2.29	-	3.18
Power Supply		ϕ,V,Hz	1,220~240.50	1,220~240.50	1,220~240.50	1,220~240.50
Air Circulation	Indoor, Max	m³/min	11.8	11.2	12.5	12.5
	Outdoor, Max	m³/min	23	22	25	24
Moisture Removal		l/h.	1.9	1.8	2.2	2.1
Noise Level <small>(Sound pressure, 1m)</small>	Indoor[H/M/L]	dB(A)±3	58	58	58	58
	Outdoor, Max	dB(A)±3	66	66	66	66
Installation & Stuffing						
Dimensions	[WxHxD]	mm	660x428x770	660x428x770	660x428x770	660x428x770
Net Weight	Indoor/Outdoor	kg	53	58	58	60
Stuffing Quantity	Without S/Parts	20ft/40ft	84/176	84/176	84/176	84/176

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



## Ceiling Cassette Type

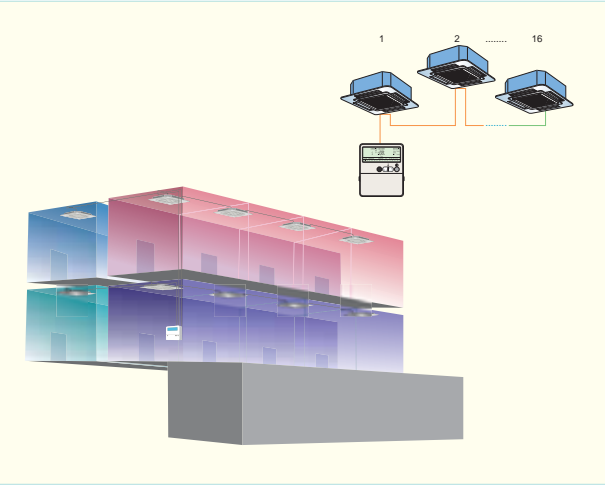
The LG "Ceiling Cassette" model is primarily used in commercial environments, like restaurants, hotels, offices and meeting rooms. The model series has a compact design and is equipped with many special features. It has four louvers to circulate air in all directions, providing even large areas with an evenly conditioned atmosphere.

## Ceiling Cassette Type

LG AIR CONDITIONERS 2009

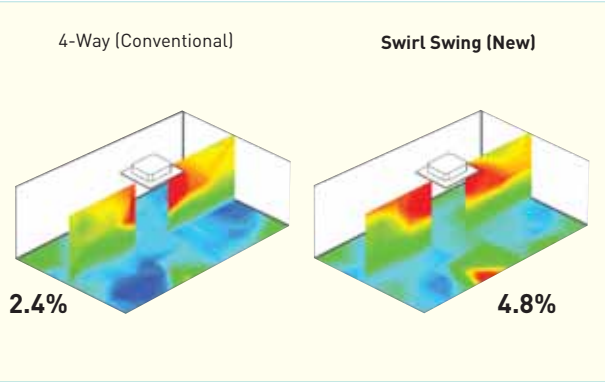
### Group Control

- 1) Basic Operation
  - Linking several units, one Group Control Unit can manage a number of indoor units.
- 2) Control Features
  - Through a data cable connected to each indoor unit, a group of units can be managed from the group controller.
  - The Group Control function is enabled by cutting an optional jump wire in the wired remote control, which prevents data collision.
  - One Group Control Unit can control up to 16 indoor units.



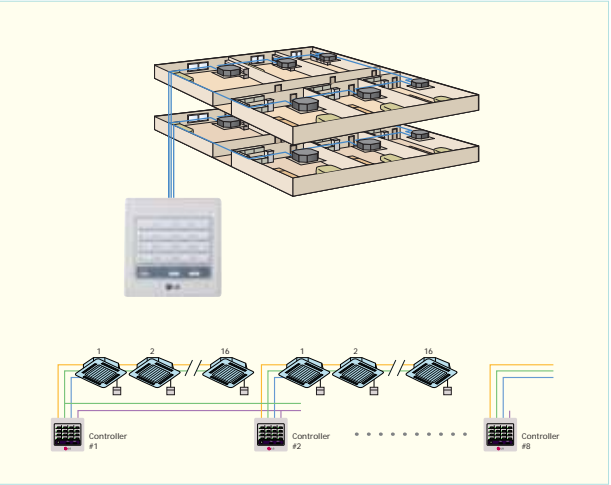
### Swirl Swing

Even heat distribution down to the floor with Swirl Swing.



### Central Controller (Accessory)

- 1) Basic Operation
  - Linking several units, one Central Control Unit can manage and turn off several units individually or as a group.
- 2) Control Features
  - Each indoor unit is connected to a Central Control Unit via a data communication cable and can be operated or turned off individually or together with a group of units with the central controller.
  - The Central Control Unit can manage up to 8 \* 16 indoor units.

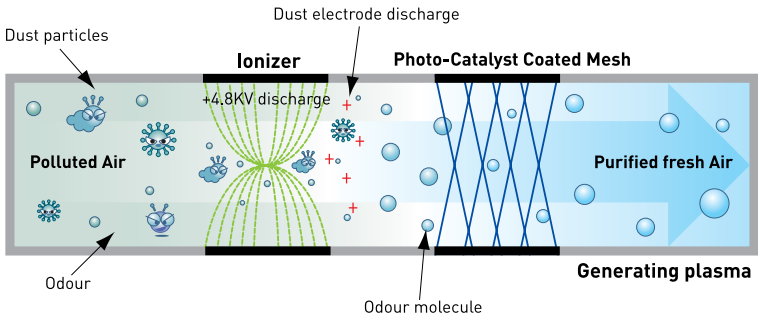
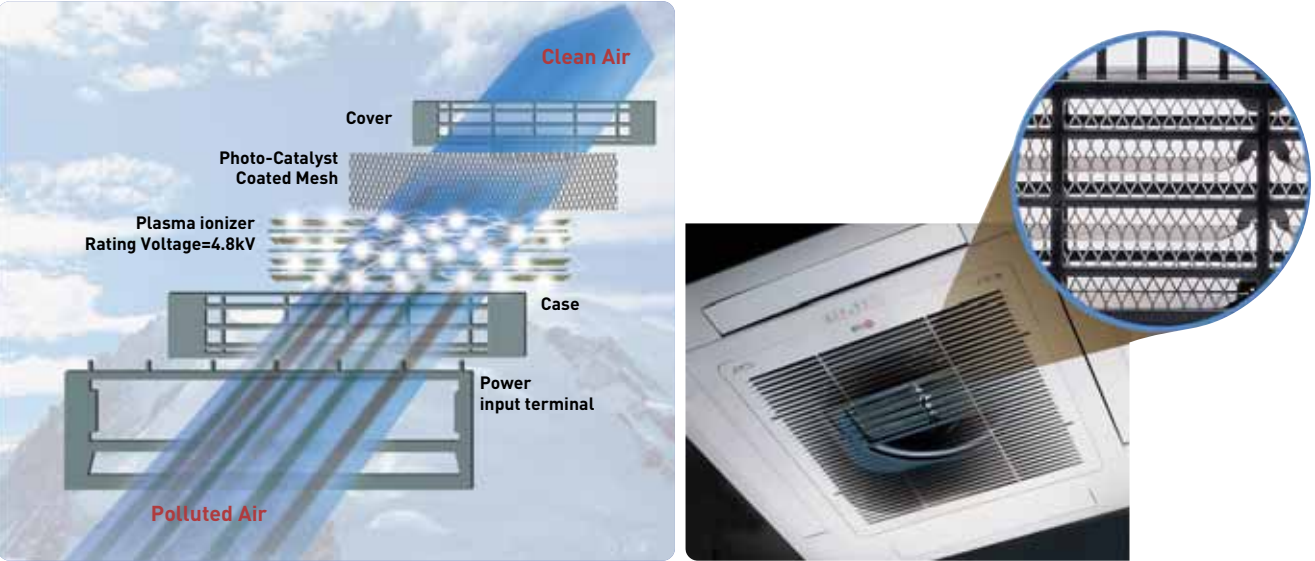


### Child Lock Function

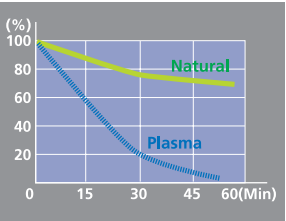
- This function prevents children or others from tampering with the control buttons on the unit. After enabling the child lock, the unit can still be controlled by the remote control.
- All buttons on the indoor display panel will be locked.
  - The unit can only be controlled by the remote control unit.

PLASMA Air Purifying System (Optional)

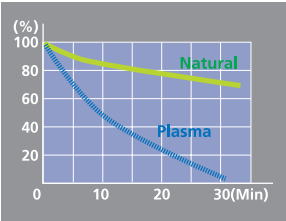
The PLASMA Air Purifying System, developed uniquely by LG, not only removes microscopic contaminants and dust, but also eliminates house mites, pollen and pet hair, to prevent allergic diseases, like asthma. With a filter that can be cleaned by simply washing it with water, and used over and over again, you can enjoy clean, fresh air without the cost of regular filter changes.



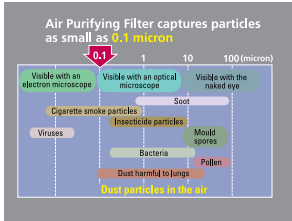
→ Eliminate Odors



→ Eliminate Dust



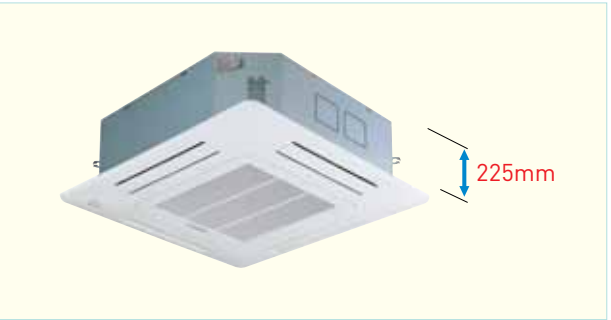
→ Prevent Allergies



Evaluated by CSIRO Australia (DBCE Doc 98/204)  
Tested by the Korea Food Research Institute, Japanese Environmental Centre and Yonsei University, College of Medicine (Allergy Research Lab.).

Super Slim Design

The interior air conditioner with the smallest and the most compact design in the world based on a three-dimensional CAD and CAE computer system has successfully reduced the space it occupies and enabled installation in various spaces (TH window frames)



Cassette Cover (Accessory)

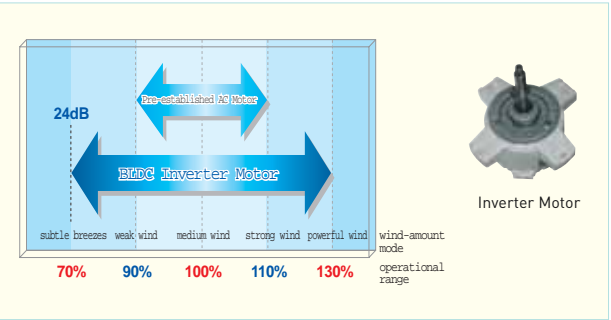
Maintains the ceiling elegance.



- Covers the side area of cassette.
- Gives elegant looks.
- Light weight.
- Suitable when false ceiling is unavailable.

BLDC Inverter Motor

The variable range of interior air has been increased up to 60~130% by using a super-light BLDC inverter. It also has increased the stability and efficiency of the product, and realized even more pleasant air conditioning with reduced noise level of 24dB when the product is running for subtle breezes.



Two Thermistor Control

The dual thermistor control regulates the difference between the indoor temperature and the temperature of the conditioned air, to ensure a uniform room temperature, by monitoring both temperatures. The sensor readings are adjusted for optimum room temperature.

Auto Restart Function

In case of a sudden power failure, this feature will automatically restore the A/C to its previous settings when power returns.

Space Control

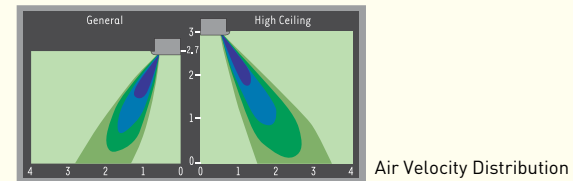
Vane angles can be adjusted by the pair, depending on the installation environment.

- Since direct drafts can be annoying, creating discomfort and reducing productivity, our vane angle control eliminates this problem.
- User-friendly control by wired remote control.
- Allows easy control of air flow in any environment.



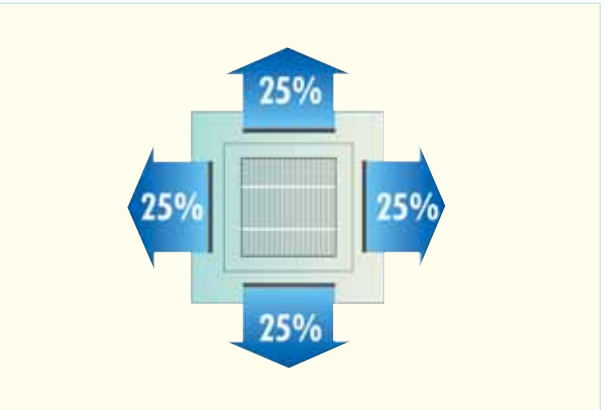
High Ceiling corresponding Operation

According to the ceiling height, the speed of the internal fan can be adjusted with a sliding switch on the back of the wired remote control unit.



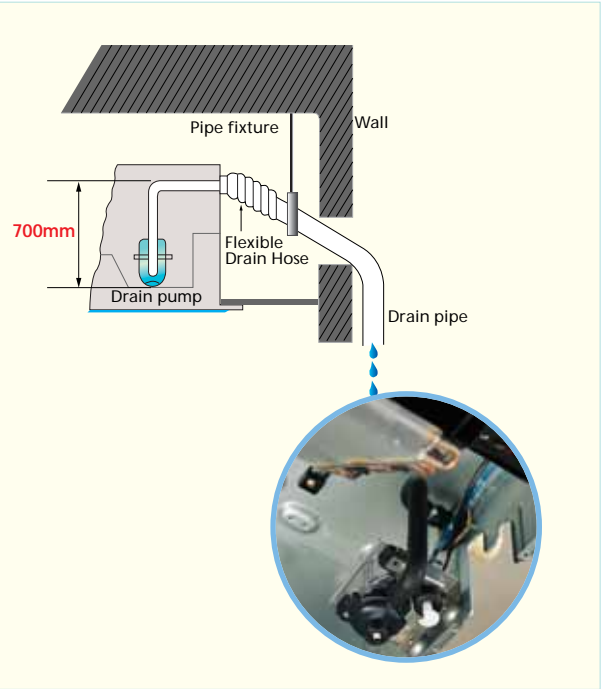
Optimal Air Distribution

- Optimal air distribution with four-way directional air flow system.
- Four-way Auto Swing.



High Head Drain Pump

The High Head Drain Pump pumps water up to 700mm high for smooth drainage.



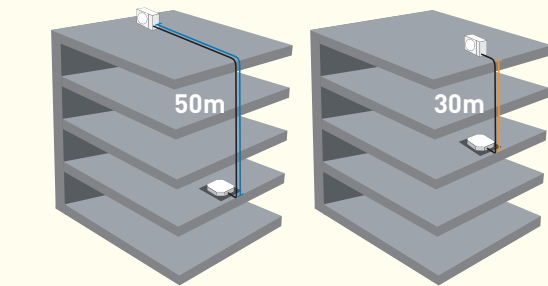
Zero Standby

- Eliminates waste of electricity in standby mode.
- Electricity is wasted when an appliance is connected to an outlet, even though the appliance is turned off.
- Development of a super power-saving SMPS (Switching Mode Power Supply)
- Minimal standby power consumption (90% reduction of standby power).
- No need to pull the main power plug when the appliance is not in use.

Long Distance Piping High Elevation

LG Air Conditioners (Cassette and Duct-type models) can be installed at long distances (max 50m) and high height differences (30m) from the outdoor unit.

Plz refer to the picture below.



Timer-controlled Operation

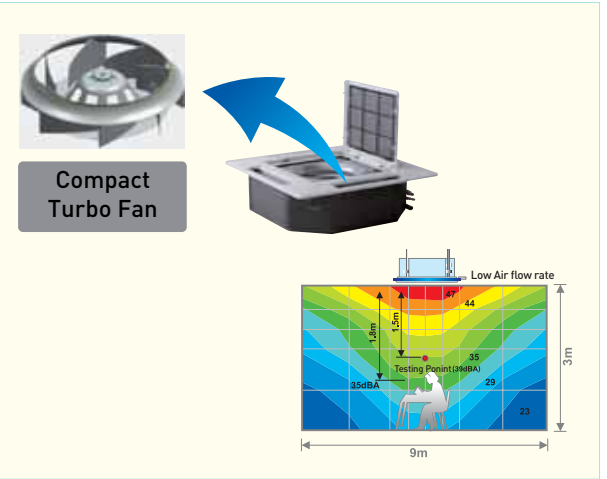
If desired, you can set operation times for up to one week in advance.

- LCD Wired Remote Controller
- 24-Hour ON/ OFF Timer with 1 hour intervals
  - TEST RUN Mode
  - Self-Diagnosis feature
  - 3-Step Fan Speed selection
  - Operation Indicator
  - Room Temperature Display
  - Only 20mm thick



Application of a High-Efficiency Compact Turbo Fan

The application of a compact turbo fan minimized the size of the interior device and increased the installation stability as well as the space beauty. It also has improved the air flow and the interior temperature distribution to the optimal conditions, forming a quiet and pleasant environment.



Ceiling Cassette Type

Cooling Only Heating & Cooling

LT-C1260BA



Features

- Gold Fin™ Anti Corrosion • High Head Drain Pump • Standby Power Zero • High-Ceiling corresponding operation
- Auto Operation • Group Control • Auto Restart • Child Lock Function • Hygienic and Easy-to-Clean Air Filter
- Weekly Program • Central Controller(Optional)

Specification

Model			LT-C1260BA
Capacity			
Cooling	Btu/hr		12,000
Heating	Btu/hr		-
Electrical Data			
Power Supply	e,V,Hz		1,220-240.50
Power Input	Cooling/Heating	W	1,200/-
Running Current	Cooling / Heating	A	5.5/-
EER	Cooling	Btu/hr.W	10.17
COP	Heating	W	2.99
Air Circulation	Indoor, Max	m³/min	10/9/8
Installation & Stuffing			
Dimensions (WxHxD)	Indoor	mm	860 x 390 x 180
	outdoor	mm	770 x 540 x 245
Net Weight	Indoor/Outdoor	kg	17/31
Stuffing Quantity	Without S/Parts	20ft/40ft	82/173

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



12,000 Btu/h

Ceiling Cassette Type

Cooling Only Heating & Cooling

LT-H186ELF1

LT-H246HLF1 LT-H286HLF1



Features

- Gold Fin™ Anti Corrosion• Long Distance, High Elevation • High Head Drain Pump • High-Ceiling corresponding operation
- Turbo Fan • Auto Operation • Standby Power Zero • Group Control • Auto Restart • Child Lock Function
- Hygienic and Easy-to-Clean Air Filter • Two Thermistor Control • Optimal Air Distribution • Weekly Program
- Central Controller(Optional)

Specification

Model			LT-H186ELF1	LT-H246HLF1	LT-H286HLF1
Capacity					
Cooling	Btu/hr		18,000	23,885	27,982
Heating	Btu/hr		18,900	23,885	30,030
Electrical Data					
Power Supply	e,V,Hz		1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Power Input	Cooling/Heating	W	1,950/1,950	2,670 / 2,450	2,900 / 2,900
Running Current	Cooling / Heating	A	10.0/10.0	12.5/11.5	13.7/13.7
EER	Cooling	Btu/hr.W	9.23	8.95	9.65
COP	Heating	W	2.84	2.86	3.03
Air Circulation	Indoor, Max	m³/min	11/10/9	17/15/13	20/17/14
Installation & Stuffing					
Dimensions (WxHxD)	Indoor	mm	570x570x269	840x840x225	840x840x225
	outdoor	mm	840x575x275	870x655x320	870x808x320
Net Weight	Indoor/Outdoor	kg	19/51	27/64	28.5/68
Stuffing Quantity	Without S/Parts	20ft/40ft	57/117	42/89	36/78

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



18,000-24,000 Btu/h



28,000 Btu/h

Ceiling Cassette Type

Cooling Only Heating & Cooling

LT-H368DLF1  
LT-H488DLF1 LT-H548DLF1



Features

- Gold Fin™ Anti Corrosion• Long Distance, High Elevation • High Head Drain Pump • High-Ceiling corresponding operation
- Turbo Fan • Auto Operation • Standby Power Zero • Group Control • Auto Restart • Child Lock Function
- Hygienic and Easy-to-Clean Air Filter • Two Thermistor Control • Optimal Air Distribution • Weekly Program
- Central Controller(Optional)

Specification

Model		LT-H368DLF1	LT-H488DLF1	LT-H548DLF1
Capacity				
Cooling	Btu/hr	35,830	47,770	54,000
Heating	Btu/hr	38,220	51,865	59,000
Electrical Data				
Power Supply	ø,V,Hz	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50
Power Input	Cooling/Heating W	4,000 / 4,000	4,900 / 5,300	5,600 / 6,600
Running Current	Cooling / Heating A	7.0 / 7.0	8.5 / 8.7	10.0 / 11.5
EER	Cooling Btu/hr.W	8.96	8.96	9.63
COP	Heating W	2.63	2.80	2.62
Air Circulation	Indoor, Max m³/min	24/21/19	31/29/27	37/35/31
Installation & Stuffing				
Dimensions (WxHxD)	Indoor mm	840x840x288	840x840x288	840x840x288
	outdoor mm	870x1,160x320	900x1,160x370	900x1,160x370
Net Weight	Indoor/Outdoor kg	31/88	31/105	31/105
Stuffing Quantity	Without S/Parts 20ft/40ft	30/63	27/55	27/55

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



36,000 Btu/h

48,000~54,000 Btu/h

Ceiling Cassette Type

Cooling Only Heating & Cooling

UT18



Features

- Plasma Air Purifying System • Anti Corrosion Gold Fin(Outdoor) • Weekly Program • Turbo Fan • High Head Drain Pump
- Auto Changeover • Low Standby Power • Auto Restart • Central Controller(Accessory) • Child Lock Function
- Easy-to-Clean Air Filter • Two Thermistor Control • Optimal Air Distribution

Indoor Unit

Model		UT18 _ PT-N0D
Nominal Capacity (Min~Rating~Max)	Cooling Btu/h	6,820~17,060~18,760
	kw	2.0~5.0~5.5
	Heating Btu/h	7,510~18,770~20,640
	kw	2.2~5.5~6.05
Nominal Input (Rating)	Cooling kw	1.56
	Heating kw	1.52
Running Current	Cooling /Heating A	0.3
Power Supply	Ø/V/Hz	1 / 220 ~240 / 50
EER	Cooling kw/kw	3.21
COP	Heating kw/kw	3.61
Operational	Cooling °C	-10 ~ 43
Temperature Range	Heating °C	-15 ~ 24
Air Flow Rate (H/M/L)	CMM	13/12/11
	CFM	459 / 422 / 388
Sound Level (H/M/L)	dB(A)±3	41 / 39 / 36
Dehumidification Rate	U/h	2.4
Dimensions (WxHxD)	Body mm(inch)	570x256x570 (22.4x10.1x22.4)
	Decorative Panel mm	700x30x700 (27.6x1.2x27.6)
Weight	Body kg(lbs)	15(33.1)
	Decorative Panel kg(lbs)	3(6.6)
Piping Connections	Liquid mm(inch)	6.35 (1/4)
	Gas mm(inch)	12.7 (1/2)

Outdoor Unit

Model		UU18W _ UED
Compressor	Type	ø - Scroll
Refrigerant Charge	Charge g(oz)	1300(45.86)
	Type	R410A
Fan	Discharge Side/Top	Side Discharge
Noise Level(H/L)	Sound Press,1m dB(A)±3	51 /45
Dimensions	WxHxD mm(inch)	870x655x320 (34.3x25.8x12.6)
Net Weight	Outdoor kg(lbs)	46(101)
Piping connection	Liquid mm(inch)	6.35 ( 1/4)
	Gas mm(inch)	12.7 (1/2 )
Power Supply Cable(Includes earth)	No.*mm2	3 x 2.5
Interunit Cable(Includes earth)	No.*mm2	4 x 0.75
Max. Piping Length/Elevation	m	40/30
Power Supply	ø,V, Hz	1,220~240,50
Running Current	Cooling/Heating A	7.1/7.1
Air Circulation	CMM(CFM)	50
Additional Refrigerant Charge (Over 7.5m)	g/m	20

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



UU18W

Ceiling Cassette Type

DC Inverter

Cooling Only Heating & Cooling

UT24 UT30



Features

- Plasma Air Purifying System • Anti Corrosion Gold Fin(Outdoor) • Weekly Program • Turbo Fan • High Head Drain Pump
- Auto Changeover • Low Standby Power • Auto Restart • Central Controller(Accessory) • Child Lock Function
- Easy-to-Clean Air Filter • Two Thermistor Control • Optimal Air Distribution

Indoor Unit

Model			UT24_ PT-NPD	UT30_ PT-NPD
Nominal Capacity (Min~Rating~Max)	Cooling	Btu/h	9,680~24,200~26,620	13,640~34,100~37,550
		kw	2.84~7.1~7.81	4.0~10.0~11.0
	Heating	Btu/h	10,920~27,300~30,300	15,000~37,500~41,250
		kw	3.2~8.0~8.8	4.4~11.0~12.1
Nominal Input (Rating)	Cooling	kw	2.15	3.12
		kw	2.34	3.23
Running Current	Cooling /Heating	A	0.6	0.6
		Ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50
EER	Cooling	kw/kw	3.30	3.21
		kw/kw	3.42	3.41
Operational	Cooling	°C	-10 ~ 43	-10 ~ 43
		°C	-15 ~ 24	-15 ~ 24
Air Flow Rate (H/M/L)	CFM	CMM	17/15/13	24 / 22 / 19
		CFM	582/519/459	847 / 759 / 671
Sound Level (H/M/L)	dB(A)±3	dB(A)±3	39/37/34	43/40/37
		dB(A)±3	2.1	2.7
Dimensions (WxHxD)	mm	mm	840x204x840 (33.1x8.0x33.1)	840x246x840(33.1x9.7x33.1)
		mm	950x25x950 (37.4x1.0x37.4)	950x25x950(37.4x1.0x37.4)
Weight	kg(lbs)	kg(lbs)	21(46.3)	23.5(51.8)
		kg(lbs)	5(11.0)	5(11.0)
Piping Connections	mm(inch)	mm(inch)	9.52 (3/8)	9.52 (3/8)
		mm(inch)	15.88 (5/8)	15.88(5/8)

Outdoor Unit

Model			UU24W _UED	UU30W _UED
Compressor	Type	gloz	Rotary	Rotary
			2000(70.6)	2000(70.6)
Refrigerant Charge	Type	gloz	R410A	R410A
			R410A	R410A
Fan	Discharge	Side/Top	Side Discharge	Side Discharge
			Side Discharge	Side Discharge
Noise Level(H/L)	Sound Press,1m	dB(A)±3	52/46	52/46
			52/46	52/46
Dimensions	WxHxD	mm(inch)	870x808x320(34.3x31.8x12.6)	870x1060x320 (34.3x41.7x12.6)
			870x808x320(34.3x31.8x12.6)	870x1060x320 (34.3x41.7x12.6)
Net Weight	Outdoor	kg(lbs)	60(132)	60(132)
			60(132)	60(132)
Piping connection	Liquid	mm(inch)	9.52 (3/8)	9.52 (3/8)
			9.52 (3/8)	9.52 (3/8)
Power Supply	Gas	mm(inch)	15.88 (5/8)	15.88 (5/8)
			15.88 (5/8)	15.88 (5/8)
Power Supply Cable(Includes earth)	No.*mm2	m	3 x 2.5	3 x 2.5
			4 x 0.75	4 x 0.75
Interunit Cable(Includes earth)	No.*mm2	m	4 x 0.75	4 x 0.75
			4 x 0.75	4 x 0.75
Max. Piping Length/Elevation	ø,V, Hz	m	50/30	50/30
			50/30	50/30
Running Current	Cooling/Heating	A	1, 220~240, 50	1, 220~240, 50
			10.0/10.7	12.0/13.0
Air Circulation	CMM(CFM)	g/m	58(2048)	58(2048)
			58(2048)	58(2048)
Additional Refrigerant Charge [Over 7.5m]	g/m	g/m	35	35
			35	35

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



Ceiling Cassette Type

3Phase DC Inverter

Cooling Only Heating & Cooling

UT36 UT42 UT48 UT60



Features

- Plasma Air Purifying System • Anti Corrosion Gold Fin(Outdoor) • Weekly Program • Turbo Fan • High Head Drain Pump
- Auto Changeover • Low Standby Power • Auto Restart • Central Controller(Accessory) • Child Lock Function
- Easy-to-Clean Air Filter • Two Thermistor Control • Optimal Air Distribution

Indoor Unit

Model			UT36_ PT-UMC	UT42_ PT-UMC	UT48_ PT-UMC	UT60_ PT-UMC
Nominal Capacity (Min~Rating~Max)	Cooling	Btu/h	13,640~34,100~37,550	17,060~42,650~46,915	18,700~46,750~51,425	20,200~50,500~55,550
		kw	4.0~10.0~11.0	5.0~12.5~13.8	5.48~13.8~15.7	5.92~14.7~16.3
	Heating	Btu/h	15,000~37,500~41,250	19,108~47,770~52,547	21,840~54,600~60,060	23,200~58,000~63,800
		kw	4.4~11.0~12.1	5.0~14.0~15.4	6.4~15.9~17.6	6.8~17.0~18.7
Nominal Input (Rating)	Cooling	kw	3.12	3.89	4.58	5.63
		kw	3.23	3.87	4.66	5.64
Running Current	Cooling /Heating	A	0.6	0.72	0.72	0.72
		Ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
EER	Cooling	kw/kw	3.21	3.21	3.01	2.61
		kw/kw	3.41	3.61	3.41	3.01
Operational	Cooling	°C	-10 ~ 43	-10 ~ 43	-10 ~ 43	-10 ~ 43
		°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Air Flow Rate (H/M/L)	CFM	CMM	24 / 22 / 19	30 / 28 / 26	34 / 32 / 30	34 / 32 / 30
		CFM	847 / 759 / 671	1059 / 989 / 919	1200 / 1130 / 1059	1200 / 1130 / 1059
Sound Level (H/M/L)	dB(A)±3	dB(A)±3	43/40/37	46/44/40	49 / 47 / 43	49 / 47 / 43
		dB(A)±3	2.7	3.6	4.4	5.5
Dimensions (WxHxD)	mm	mm	840x246x840(33.1x9.7x33.1)	840x288x840(33.1x11.3x33.1)	840x288x840(33.1x11.3x33.1)	840x288x840(33.1x11.3x33.1)
		mm	950x25x950(37.4x1.0x37.4)	950x25x950(37.4x1.0x37.4)	950x25x950(37.4x1.0x37.4)	950x25x950(37.4x1.0x37.4)
Weight	kg(lbs)	kg(lbs)	23.5(51.8)	26(57.3)	26(57.3)	26(57.3)
		kg(lbs)	5(11.0)	5(11.0)	5(11.0)	5(11.0)
Piping Connections	mm(inch)	mm(inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
		mm(inch)	15.88 (5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)

Outdoor Unit

Model			UU37W _UED	UU43W _U3D	UU49W _U3D	UU61W _U3D
Compressor	Type	gloz	Rotary	Rotary	Rotary	Rotary
			2500(98)	3600(127)	3600(127)	3600(127)
Refrigerant Charge	Type	gloz	R410A	R410A	R410A	R410A
			R410A	R410A	R410A	R410A
Fan	Discharge	Side/Top	Side Discharge	Side Discharge	Side Discharge	Side Discharge
			Side Discharge	Side Discharge	Side Discharge	Side Discharge
Noise Level(H/L)	Sound Press,1m	dB(A)±3	54/50	55/51	55/51	55/51
			54/50	55/51	55/51	55/51
Dimensions	WxHxD	mm(inch)	870*1060*320 (34.3*41.7*12.6)	950*1380*330 (37.4*54.3*13.0)	950*1380*330(37.4*54.3*13.0)	950*1380*330 (37.4*54.3*13.0)
			870*1060*320 (34.3*41.7*12.6)	950*1380*330 (37.4*54.3*13.0)	950*1380*330(37.4*54.3*13.0)	950*1380*330 (37.4*54.3*13.0)
Net Weight	Outdoor	kg(lbs)	80(176)	103(227)	103(227)	103(227)
			80(176)	103(227)	103(227)	103(227)
Piping connection	Liquid	mm(inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
			9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
Power Supply	Gas	mm(inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
			15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
Power Supply Cable(Includes earth)	No.*mm2	m	3 x 2.5	3 x 2.5	3 x 2.5	3 x 2.5
			4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75
Interunit Cable(Includes earth)	No.*mm2	m	4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75
			4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75
Max. Piping Length/Elevation	ø,V, Hz	m	50/30	75/30	75/30	75/30
			50/30	75/30	75/30	75/30
Running Current	Cooling/Heating	A	3,380~415, 50	3,380~415, 50	3,380~415, 50	3,380~415, 50
			5.3/4.3	4.09/4.28	4.98/5.23	5.91/5.79
Air Circulation	CMM(CFM)	g/m	32(1130) x 2	55(1942) x 2	55(1942) x 2	55(1942) x 2
			32(1130) x 2	55(1942) x 2	55(1942) x 2	55(1942) x 2
Additional Refrigerant Charge [Over 7.5m]	g/m	g/m	45	40	40	40
			45	40	40	40

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





## Floor Standing Type

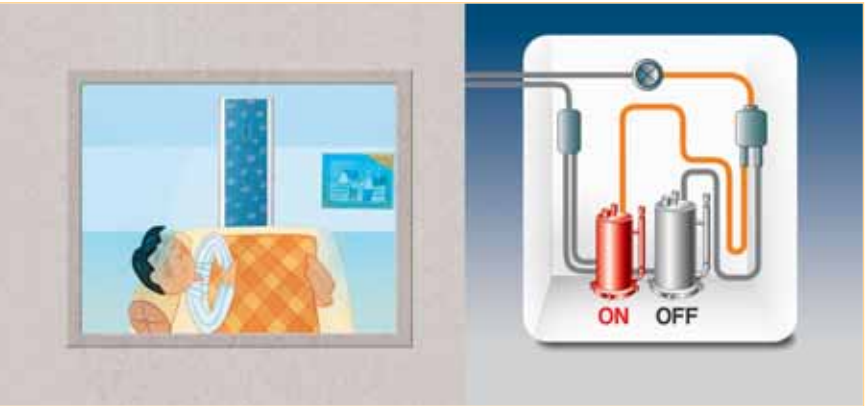
A floor-type model that blends in perfectly with the surrounding decor. LG Air Conditioners guarantee a clean and fresh environment with their outstanding cooling performance and air purification features.

## Floor Standing Type

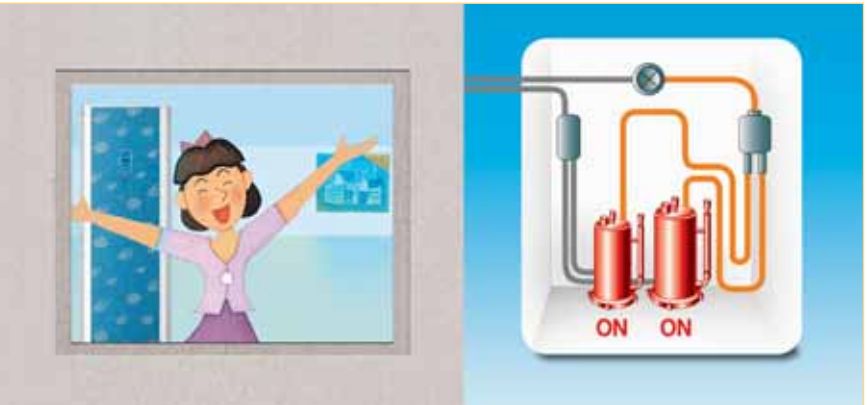
LG AIR CONDITIONERS 2009

### MPS Technology

Depending on the load of the outdoor unit, two compressors are operated during a large load, and one compressor is operated during a small load. With this compressor switching mechanism, LG air conditioners can cut electricity costs by up to 60% compared with conventional air conditioners equipped with a single compressor.



**Evening, night:**  
operate part of compressors



**Midday:**  
operating all compressors

- Comparison of two months of electricity fees compared with ordinary constant-speed types



## Floor Standing Type

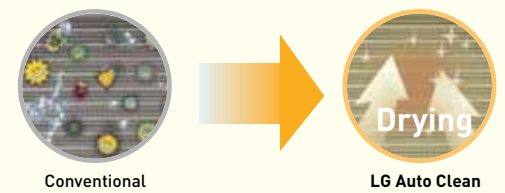
### Auto Cleaning System

If you turn off the power after using the air conditioner, this will leave humidity in the heat exchanger in the indoor unit which makes it a perfect environment to breed germs. However, LG ARTCOOL operates on the fanning mode for about one minute after it is turned off, thereby removing humidity.

#### AUTO Cleaning System

The main cause of unpleasant odors given off by air conditioners is mold growing in the heat exchanger. Whenever the unit is not operating, mold and bacteria will proliferate on the wet heat exchanger coils and fins. Our automatic cleaning feature dries the wet heat exchanger elements to prevent mold and bacteria from invading your air conditioner, eliminating unpleasant odors and saving your frequent cleaning efforts.

Invisible interior molds, stop worrying about germs!



Conventional  
Condensed water is created after the air conditioner stops, thereby breeding molds and leaving the heat exchanger to be polluted generating germs and smells.

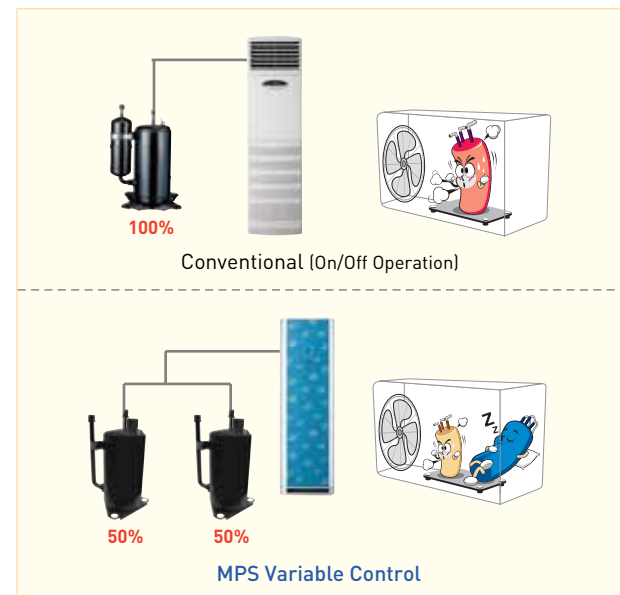
LG Auto Clean  
Fanning mode for about one minute so that it removes humidity

#### Energy Saving



The Tropical MPS (multi power system) control consists of two or more constant speed compressors, a hot gas bypass circuit and an linear expansion valve (LEV). With multiple compressors operating according to increasing cooling requirements, considerable amounts of energy can be saved. In case of a low cooling load, only one compressor will operate. When the cooling load increases, both compressors will operate and balance the load.

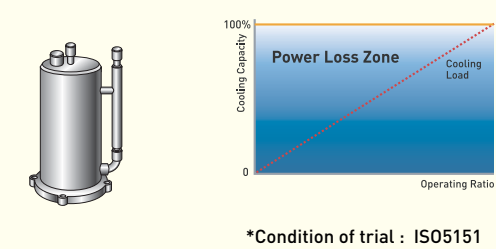
Basic Principle of Tropical MPS Variable Control



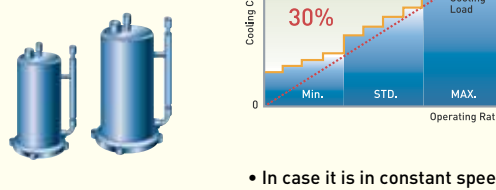
#### Power Consumption Comparison

Tropical MPS technology yields tremendous energy savings by distributing the load between two highly-efficient, constant speed compressors. Under a small load, only one compressor will operate. This technology saves up to 60% of electricity.

Conventional (On/Off Operation)



MPS **60% MAX** Energy Saving



## Floor Standing Type

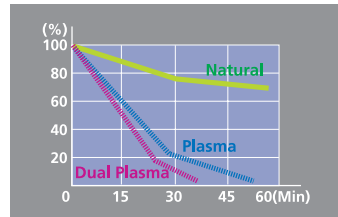
### PLASMA Air Purifying System (Optional)

The integrated PLASMA Air Purifying System removes microscopic contaminants and dust, eliminates offensive odors and prevents allergic reactions. It can also be used as an air-purifying unit only, without running the air conditioner.



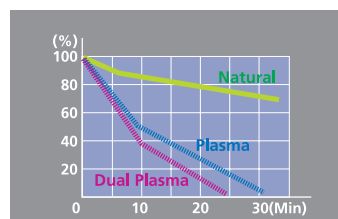
#### Dust Reduction

Respirable particles from 5 cigarettes in a sealed room removed by the LG Plasma Air Purifying System.



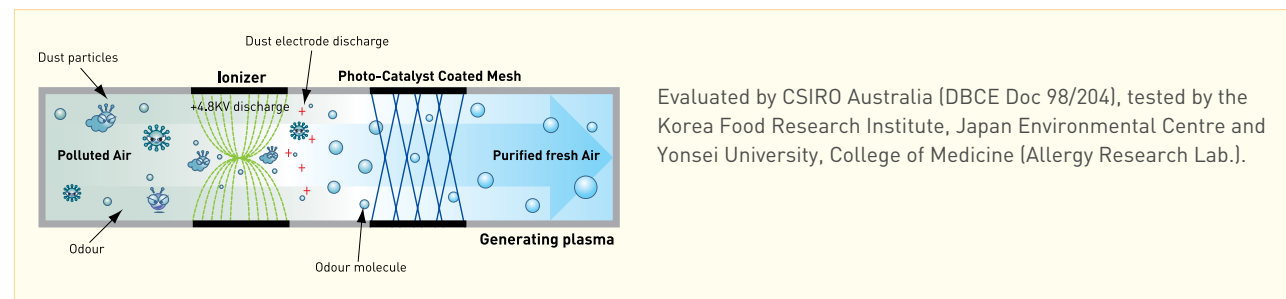
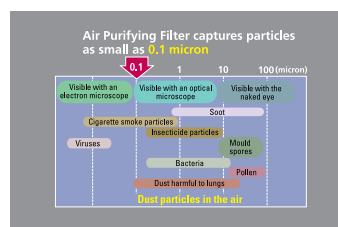
#### Deodorization

LG's Plasma Air Purifying unit effectively removes high concentrations of tobacco odors (Confirmed in sensory tests carried out in Korea and Japan.)



#### Anti-Allergy

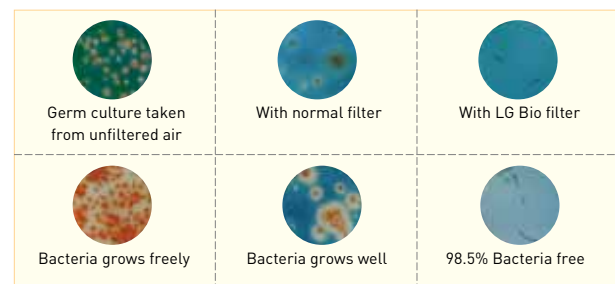
In clinical tests, the LG Plasma Air Purifying System reached a satisfaction level of 82% .



Evaluated by CSIRO Australia (DBCE Doc 98/204), tested by the Korea Food Research Institute, Japan Environmental Centre and Yonsei University, College of Medicine (Allergy Research Lab.).

#### Anti-Bacteria Filter

The anti-bacterial filter removes dust and prevents proliferation of bacteria, creating a healthy and comfortable indoor atmosphere.



#### 7-Hour On/Off Timer

This function allows you to operate a unit for one to seven hours on a timer.

#### Child Lock Function

This function prevents children or others from tampering with the control buttons on the unit. It can still be controlled by the remote control unit.

- All buttons on the indoor display panel will be locked.
- The unit can only be controlled by the remote control unit.

#### Duct Operation

Depending on the room size and shape, a duct-type model may be more economical than other types of air conditioners.

#### Neuro Fuzzy Control

According to the temperature, air volume and air velocity, the controller will automatically adjust the unit to create the most pleasant atmosphere.

Floor Standing Type

Cooling Only Heating & Cooling

TP-H488TLA1

PLASMA Air Filter System



Features

- Gold Fin™ Anti Corrosion • Soft Dry Operation Mode • One-Touch Air Filter(Anti-Bacteria) • 7-Hour OFF Setting Timer
- Auto Swing • Neuro Fuzzy Control(Optional) • Wireless Remote Controller • Child Lock Function • Jet Cool Operation
- Auto Restart

Specification

Model			TP-H488TLA1	
Capacity				
Cooling		Btu/hr	48,000	
Heating		Btu/hr	51,000	
Electrical Data				
Power Supply		ø,V,Hz	3, 380~415, 50	
Power Input	Cooling/Heating	W	4,800 / 5,000	
Running Current	Cooling / Heating	A	8.0 / 8.5	
EER	Cooling	Btu/hr.W	-	
COP	Heating	W	-	
Air Circulation	Indoor, Max	m³/min	31/28/25	
Dehumidification Rate		l/hr	6	
Installation & Stuffing				
Dimensions	Indoor /outdoor	(Width)mm	590/900	
		(Height)mm	1,850/1,160	
		(Depth)mm	440/370	
Net Weight	Indoor/Outdoor	kg	60/95	
Stuffing Quantity	Without S/Parts	20/40ft/40ft Hi	13/29	

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



48,000 Btu/h

Floor Standing Type

Cooling Only Heating & Cooling

TP-H808FLA0



Features

- Gold Fin™ Anti Corrosion • Soft Dry Operation Mode • One-Touch Air Filter(Anti-Bacteria) • 7-Hour OFF Setting Timer
- Auto Swing • Neuro Fuzzy Control(Optional) • Wireless Remote Controller • Child Lock Function • Jet Cool Operation
- Auto Restart

Specification

Model			TP-H808FLA0
Capacity			
Cooling		Btu/hr	92,000
Heating		Btu/hr	95,000
Electrical Data			
Power Supply		ø,V,Hz	3, 380~415, 50
Power Input	Cooling/Heating	W	10,000 / 10,000
Running Current	Cooling / Heating	A	19 / 19
EER	Cooling	Btu/hr.W	-
COP	Heating	W	-
Air Circulation	Indoor, Max	m³/min	60/-/55
Dehumidification Rate		l/hr	10
Installation & Stuffing			
Dimensions	Indoor /outdoor	(Width)mm	1,050/1,280
		(Height)mm	1,880/1,560
		(Depth)mm	495/690
Net Weight	Indoor/Outdoor	kg	120/250
Stuffing Quantity	Without S/Parts	20/40ft/40ft Hi	7/16

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

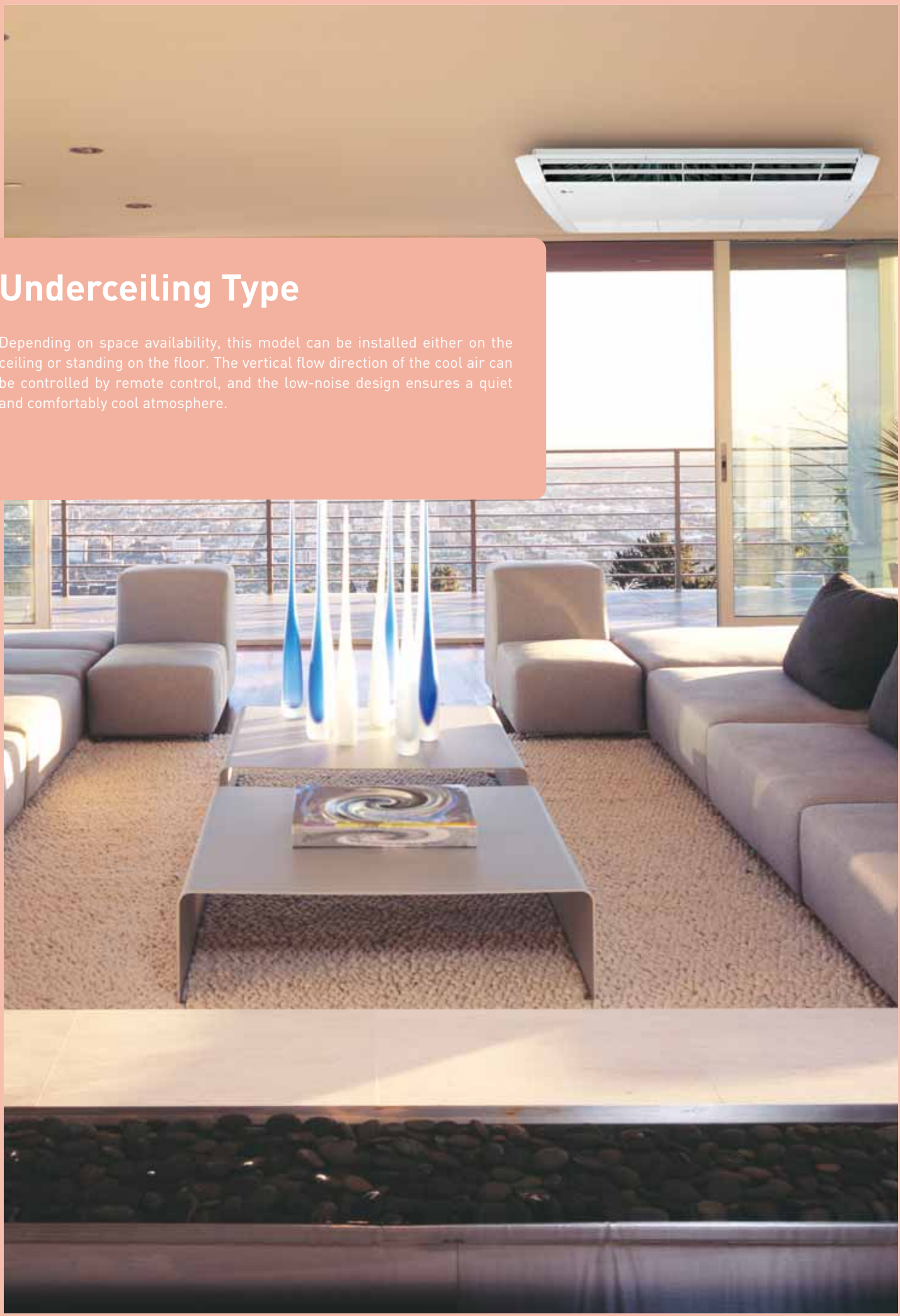


80,000 Btu/h

Floor Standing Type

52

53



## Underceiling Type

Depending on space availability, this model can be installed either on the ceiling or standing on the floor. The vertical flow direction of the cool air can be controlled by remote control, and the low-noise design ensures a quiet and comfortably cool atmosphere.

### Underceiling Type

Cooling Only   Heating & Cooling

LV-H186BLA0

LV-H246BLA1



#### Features

- Gold Fin™ Anti Corrosion • Natural Wind By CHAOS Swing • Wireless Remote Controlle
- Sleep Mode Auto Operation • Auto Operation • Auto Restart • One-Touch Air Filter(Anti-Bacteria)
- Soft Dry Operation Mode • Hot Start(Heat Pump) • 24 Hour ON/OFF Setting Timer

#### Specification

Model			LV-H186BLA0	LV-H246BLA1
Capacity				
Cooling	Btu/hr		18,000	23,885
Heating	Btu/hr		18,000	23,885
Electrical Data				
Power Supply	ø,V,Hz		1, 220~240, 50	1, 220~240, 50
Power Input	Cooling/Heating	W	1,850 / 1,850	2,650 / 2,550
Running Current	Cooling/Heating	A	9.0 / 8.5	12.3 / 11.9
EER	Cooling	Btu/hr.W	9.73	9.01
COP	Heating	W	2.85	2.74
Air Circulation	Indoor, Max	CMM	13.5	15/14/12
Installation & Stuffing				
Dimensions	Indoor	mm	1,200x615x205	1,200x615x205
(WxHxD)	outdoor	mm	840x575x275	870x655x320
Net Weight	Indoor/Outdoor	kg	29/51	29/64
Stuffing Quantity	Without S/Parts	20ft/40ft	48/102	46/96

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

Underceiling Type

54

55



18,000~24,000 Btu/h

Underceiling Type

Cooling Only Heating & Cooling

LV-H368KLB0 LV-H488LLB0  
LV-H608LLB0



Features

- Natural Wind By CHAOS Wind • Wireless Remote Controlle • Auto Operation • Sleep Mode Auto Operation
- One-Touch Air Filter(Anti-Bacteria) • Auto Restart • Soft Dry Operation Mode • 24-Hour ON/OFF Setting Timer
- Hot Start(Heat Pump) • Wired Remote Controller(Accessory)

Specification

Model			LV-H368KLB0	LV-H488LLB0	LV-H608LLB0
Capacity					
	Cooling	Btu/hr	36,000	47,000	52,000
	Heating	Btu/hr	37,000	51,700	57,000
Electrical Data					
Power Supply		ø,V,Hz	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50
Power Input	Cooling/Heating	W	3,470 / 3,350	4,790 / 4,370	5,670 / 5,180
Running Current	Cooling/Heating	A	6.3 / 6.1	8.0 / 6.1	10 / 9.5
EER	Cooling	Btu/hr.W	10.3	9.8	9.2
COP	Heating	W	3.23	3.46	3.22
Air Circulation	Indoor, Max	CMM	29/27/24	33/31/29	34/33/31
Moisture Removal		l/hr	3.5	5.8	6.2
Noise level	Indoor(H/M/L)	dB(A)±3	43/41/39	54/52/50	56/54/52
Installation & Stuffing					
Dimensions (WxHxD)	Indoor	mm	1350x220x650	1750x220x650	1750x220x650
	outdoor	mm	870x1060x320	900 X1160X370	900X1160X370
Net Weight	Indoor/Outdoor	kg	35/80	45/95	45/95
Service Valve	Liquid Side	mm	6.35(1/4)	9.52(3/8)	9.52(3/8)
	Gas Side	mm	15.88(5/8)	19.05(3/4)	19.05(3/4)

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



36,000 Btu/h

48,000~60,000 Btu/h

Underceiling Type  
3Phase DC Inverter

Cooling Only Heating & Cooling

UV36 UV42 UV48 UV60



Features

- Natural Wind By CHAOS Wind • Wireless Remote Controlle • Auto Operation • Sleep Mode Auto Operation
- One-Touch Air Filter(Anti-Bacteria) • Auto Restart • Soft Dry Operation Mode • 24-Hour ON/OFF Setting Timer
- Hot Start(Heat Pump) • Wired Remote Controller(Accessory)

Indoor Unit

Model			UV36 _ NKD	UV42 _ NLD	UV48 _ NLD	UV60 _ NLD
Nominal Capacity (Min~Rating~Max)	Cooling	Btu/h	12960 ~ 32400 ~ 35640	17060 ~ 42650 ~ 46915	18160 ~ 45400 ~ 49940	19520 ~ 48800 ~ 53680
		kw	3.8 ~ 9.5 ~ 10.5	5.0 ~ 12.5 ~ 13.8	5.32 ~ 13.3 ~ 14.6	5.72 ~ 14.4 ~ 15.7
	Heating	Btu/h	14320 ~ 35800 ~ 39380	19108 ~ 47770 ~ 52547	21840 ~ 54600 ~ 60060	23200 ~ 58000 ~ 63800
		kw	4.2 ~ 10.5 ~ 11.6	5.6 ~ 13.6 ~ 15.4	6.4 ~ 15.3 ~ 17.6	6.8 ~ 16.8 ~ 18.7
Nominal Input (Rating)	Cooling	kw	3.32	4.00	4.41	5.30
	Heating	kw	3.27	3.98	4.76	5.50
Running Current	Cooling /Heating	A	0.97	0.67*2	0.67*2	0.67*2
Power Supply		Ø/V/Hz	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50	1 / 220 ~240 / 50
EER	Cooling	kw/kw	2.86	3.12	3.01	2.71
COP	Heating	kw/kw	3.21	3.41	3.21	3.05
Operational	Cooling	°C	-10 ~ 43	-10 ~ 43	-10 ~ 43	-10 ~ 43
Temperature Range	Heating	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Air Flow Rate (H/M/L)	CFM	CMM	29 / 27 / 24	32 / 30 / 28	36 / 34 / 32	38 / 36 / 34
			1023 / 953 / 847	1136 / 1059 / 989	1271 / 1207 / 1136	1341 / 1270 / 1207
Sound Level (H/M/L)	dB(A)±3		44 / 42 / 40	48 /45 /42	54 / 52 / 50	56 / 54 / 52
			3.5	4.5	5.8	6.2
Dehumidification Rate		l/h	3.5	4.5	5.8	6.2
Dimensions (WxHxD)	Body	mm(inch)	1350x630x220(53.2x24.8x8.66)	1750x630x220(58.9x24.8x8.66)	1750x630x220(68.9x24.8x8.66)	1750x630x220(68.9x24.8x8.66)
Weight	Body	kg(lbs)	35(77.2)	45(99.2)	45(99.2)	45(99.2)
Piping Connections	Liquid	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas	mm(inch)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)

Outdoor Unit

Model			UU37W _ UED	UU43W _ U3D	UU49W _ u3D	UU61W _ U3D
Compressor	Type		Rotary	Rotary	Rotary	Rotary
Refrigerant Charge	Charge	g(oz)	2500(88)	3600(127)	3600(127)	3600(127)
	Type		R410A	R410A	R410A	R410A
Fan	Discharge	Side/Top	Side Discharge	Side Discharge	Side Discharge	Side Discharge
Noise Level(H/L)	Sound Press,1m	dB(A)±3	54/50	55/51	55/51	55/51
Dimensions	WxHxD	mm(inch)	870x1060x320 (34.3x41.7x12.6)	950x1380x330 (37.4x54.3x13.0)	950x1380x330(37.4x54.3x13.0)	950x1380x330 (37.4x54.3x13.0)
Net Weight	Outdoor	kg(lbs)	80(176)	103(227)	103(227)	103(227)
Piping connection	Liquid	mm(inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Gas	mm(inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
Power Supply Cable(Includes earth)	No. *mm2		3 x 2.5	3 x 3.5	3 x 3.5	3 x 3.5
Interunit Cable(Includes earth)	No. *mm2		4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75
Max. Piping Length/Elevation	m		50/30	75/30	75/30	75/30
Power Supply	ø,V, Hz		3, 380~415, 50	3, 380~415, 50	3, 380~415, 50	3, 380~415, 50
Running Current	Cooling/Heating	A	5.3/4.3	4.09/4.28	4.98/5.23	5.91/5.79
Air Circulation	CMM(CFM)		32(1130) X 2	55(1942) X 2	55(1942) X 2	55(1942) X 2
Additional Refrigerant Charge (Over 7.5m)	g/m		45	40	40	40

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



UU37W

UU43W / UU49W / UU61W