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Warranty Brief

- All LG Electronics Air Conditioning Units are covered by a 5-Year Parts and Labor Warranty when used in Residential Applications. Commercial Applications attract a 2-Year Parts and Labor Warranty.*

- Air Conditioning units carry an on-site warranty.*

*Further conditions apply, see the Warranty Card for further information.

Due to LG's policy of continuous improvement and innovation, some specifications may change without notice. Please check with your retailer / AC specialist prior to purchase.

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LG Electronics Changwon Facility Achieved ISO9001 Certification Under Series 9000 of International Standard Organization(ISO) Based on Quality Systems For Design & Manufacture of Air Conditioners, Hermetic Refrigeration Compressors.



Disclaimer

The descriptions and specifications in this brochure are relevant as at the date of publication.

In the interest of product development, LG Electronics reserves the right to carry out alterations and improvements to products and specifications. Future releases of products, accessories and parts for them may differ from, and may not be compatible with current versions. As it may be difficult to determine the exact nature of a product from its depiction in this brochure, LG Electronics strongly recommends that you confirm with your retailer that the product shown or described in this brochure meets your requirements before you purchase the product.

AUS-RAC081

LG Air Conditioners

Enjoy Clean, Quiet, and Comfortable Air Conditioning with LG





Enjoy Clean, Quiet, and Comfortable
Air Conditioning with LG



LG is committed to bring our customers comfort and have produced **a large range of air conditioners** that do just that. It's all about comfort in the home, and offering you the perfect harmony of stylish design and **smart technology** that fits your life.

Whether it is just a small unit for the bedroom, a larger unit to help keep you cool in your lounge room, or a system to cool the entire house such as Ducted or Multi-Split systems, LG has designed **stylish, smart, reliable** and functional air conditioners designed to help make **Life good.**

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LG AIR CONDITIONERS
2008 / 2009

ART COOL

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Why buy LG Air Conditioners?

1 Quiet Operation

LG's new range of air conditioning split systems feature an unrestricted air flow which helps make the indoor units much quieter, at only 20dB (A) whilst in sleep mode. This is a great feature which allows you peace of mind and a comfortable indoor environment with minimal distractions, especially whilst you or your family are sleeping.

(Available on models S09AWN-4, S12AWN-4, C09AWR-2 and C12AWR-2 only)

* Measured in accordance with Korean Standard KSC9306 indoor unit sound levels are determined in an anechoic chamber at a distance of 1 metre from the front of the unit by sound pressure.



2 Superior Design



Each LG Air conditioner has been designed with the latest technologies to ensure optimum comfort. Advancements in inverter technology have helped our air conditioners to become more efficient. LG's Plasma Air Purifying system helps to remove dust, allergens and odours from your home environment.

But Air Conditioners are not all about technology, and design and style are just as important as a piece of furniture. We understand that an Air Conditioner needs to suit your home and we have revolutionised the appearance of the Air Conditioner with the launch of the ARTCOOL range, which has won a number of prestigious international design awards.



3 Wide Range

Over many years of development, the range of LG Air Conditioners has continued to grow, and we now have a range to suit almost all tastes, needs and budgets!

We have taken all that we have learnt in the residential products and applied it to our commercial products. So not only do we provide air conditioned comfort in homes, but we also have air conditioning systems to suit office blocks and other commercial structures. From small air conditioners for apartments to large systems for buildings, LG has an air conditioner for everyone.



Inverter Technology

The advancement of the inverter technology creates more quiet, economical and powerful air conditioning systems.

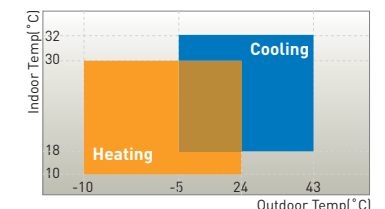
What is Inverter Technology?

Inverter technology refers to the compressor within the outdoor unit of the air conditioner. The two most common types of compressors are the fixed speed compressor and the inverter compressor. The fixed speed will run at 100% of its capacity and will stop and start automatically in order to maintain the desired temperature.

An inverter compressor will vary its capacity in order to maintain a consistent temperature.

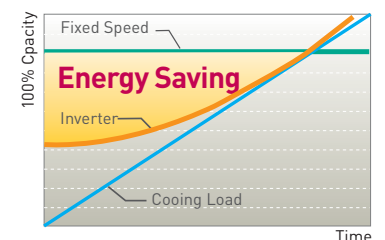
More Powerful

With a wider range of temperature modes for heating and cooling, the inverter is able to operate in even the most extreme outdoor temperatures. An inverter compressor can also operate faster than conventional air conditioners thus allowing the air conditioner to reach the set temperature faster and bringing you comfort sooner.



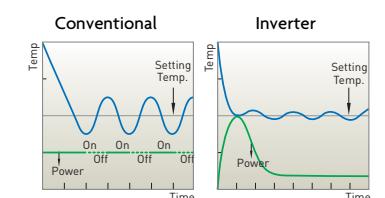
More Economical

An inverter's capacity will fluctuate in order to match the air conditioning requirements, so an inverter can be more energy efficient than a fixed speed compressor, as it does not stop and start its motor continually.



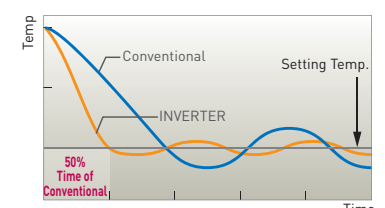
More Comfortable

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's 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.



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.



Wall Mounted Split

LG Air conditioners are not only made to heat and cool, but our wall mounted splits are renowned for their innovative designs, which compliment any home interior.



Model Line-up

Wall Mounted Split Type		Plug(Amp)	Model Name	Capacity(kW)			Refrigerant
Inverter	ART COOL			Min	Rating	Max	
		Ⓢ10A	C09AWR-2	Cooling: 0.90	2.63	3.70	R-410A
				Heating: 0.90	3.64	5.00	
		Ⓢ10A	C12AWR-2	Cooling: 0.90	3.50	4.04	
				Heating: 0.90	4.65	5.48	
		Ⓢ15A	C18AWR-2	Cooling: 1.76	5.28	5.80	R-410A
				Heating: 1.41	6.07	6.65	
		Ⓢ20A	C24AWR-2	Cooling: 3.87	7.03	7.47	
				Heating: 3.61	8.44	8.88	
		Ⓢ10A	A12AW2	Cooling: 1.30	3.50	4.00	R-410A
				Heating: 1.30	4.20	5.00	
		Ⓢ10A	S09AWN-4	Cooling: 0.90	2.50	3.46	
				Heating: 0.90	3.10	3.87	
		Ⓢ10A	S12AWN-4	Cooling: 0.90	3.36	4.04	
				Heating: 0.90	3.89	4.86	
		Ⓢ15A	S18AWN-4	Cooling: 1.76	5.13	5.80	
				Heating: 1.41	6.07	6.65	
FIXED SPEED		Ⓢ20A	S24AWN-4	Cooling: 3.87	7.03	7.47	R-410A
				Heating: 3.61	8.27	8.88	
			S30AWN	Cooling: 3.60	8.00	8.80	
			S36AWN	Heating: 5.30	9.60	10.20	R-410A
				Cooling: 4.00	9.00	9.80	
				Heating: 5.60	10.40	11.00	
		Ⓢ10A	S09AHP-4	Cooling: 2.80			R-410A
				Heating: 2.96			
		Ⓢ10A	S12AHP-4	Cooling: 3.45			
				Heating: 3.52			R-410A
		Ⓢ15A	S18AHP-4	Cooling: 5.28			
				Heating: 5.50			
COOLING			S09TCA	Cooling: 2.60			R22
			S12TCA	Cooling: 3.40			

Outdoor Unit




2.7-4.0kW


5.3kW


7.0-8.0kW


9.0 kW

FIXED SPEED


2.8-3.7kW


5.4kW

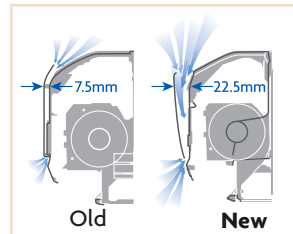

7.0-8.5kW

20dB(A)* Low Indoor Noise Level

The indoor unit has a quiet operational noise level in the sleep mode to offer you peace and quiet for the bedroom or office.

For example, selected LG indoor units sleep mode are only 20dB(A)*. In addition, the outdoor whilst in units have reduced vibration and noise thanks to a super quiet fan and motor.

(Available on models S09AWN-4, S12AWN-4, C09AWR-2 and C12AWR-2 only)



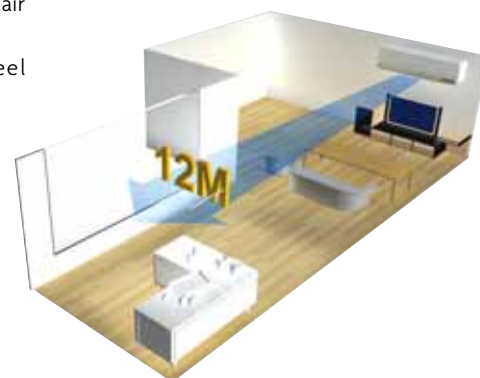
* Measured in accordance with Korean Standard KSC9306 indoor unit sound levels are determined in an anechoic chamber at a distance of 1 metre from the front of the unit by sound pressure.

12m Powerful Air Throw

Keep cool this summer with our new larger fans that allow you to feel the air up to 12 metres away!

This means that cooling is fast and powerful, allowing you to feel comfortable sooner, as the cool air reaches you.

(Available on models: S18AWN-4 & S24AWN-4 only)

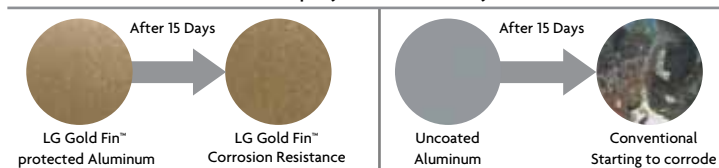


Durable Coating

Gold fin™ is an anti corrosive coating on the surface of the heat exchanger in the outdoor unit.

The coating is designed to protect air conditioners from pollution and corrosive conditions and assists in the durability and longevity of the unit. This technology is an ideal solution for Australian outdoor conditions.

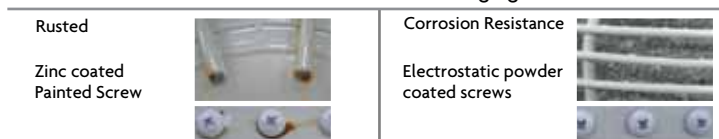
Salt Spray Test for 15 Days



[Test Standard : ASTM B-117, KS D9502]

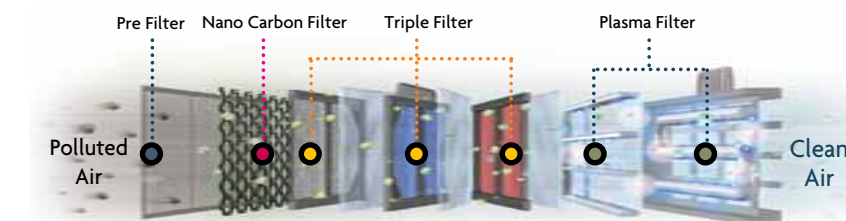
Using an outdoor case made of galvanised steel, a metallic grill and electrostatic powder coated screws, LG outdoor units are built to last.

Test Result of Screw & Discharging Grill



Plasma Air Purifying System

LG's unique Plasma Air Purifying System has been designed to generate fresher and cleaner air. The System is made up of 6 filters which purify the air in 4 stages. Each stage of the filtration acts to reduce allergens, odours and fine dust particles from the environment.



When your air conditioner is not in operation, that is heating or cooling, with the simple press of the plasma button on your controller, your air conditioner becomes an Air Purifier.



Auto Clean

One of the main causes of odour emitting from an air conditioner is the mould and bacteria that breeds on the heat exchanger. LG's Auto Clean function dries the moisture on the heat exchanger, reducing the possibility of mould and bacteria breeding inside the air conditioner.

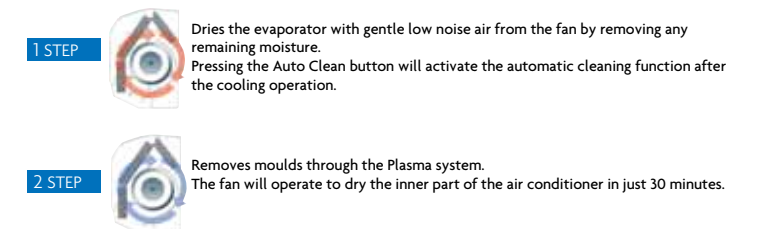
Auto Clean only takes 30 minutes to complete and will automatically run when you turn your air conditioner off.



Conventional



LG Auto Clean



Innovative Design ART COOL

Design award

LG air conditioners have been awarded the reddot design award and IF design award for its unique artistic design.

ARTCOOL Gallery

LG continues to take design and innovation to new levels with the introduction of the new ARTCOOL Gallery Air conditioner. You can insert a family picture, children's drawing or any type of printed image under the transparent front panel. The image can be changed at any time by simply opening the panel.



Mirror Type



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



Stylish & Easy to use Remote control

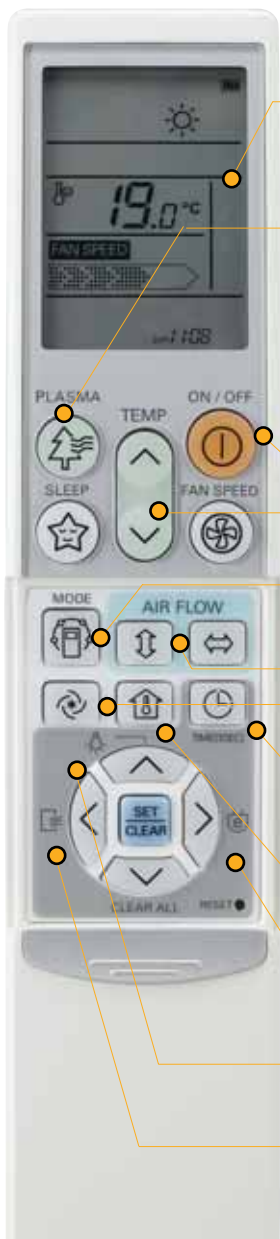
User Friendly Design

- Comfortable to hold
- Sliding type



Easy to Use

- Larger button size
- Easy to recognise functions with graphics
- Some button are highlighted with different colours



- Wide LCD
- Plasma
When your air conditioner is not in operation simply press the plasma button and it becomes an air purifier
- On/Off Button
- Temperature Setting
- Display Operation Mode
- Set Air Flow (Auto Swing) Up/Down Left/Right
- Jet Cool / Jet Heat
- Timer
- Room Temperature
Press to display current room temperature
- Energy-Saving Cooling Mode
- Display Screen Brightness
- Auto Clean

(Available on ARTCOOL Mirror Models only C09AWR-2, C12AWR-2, C18AWR-2 and C24AWR-2 only)

ART COOL



Reverse Cycle					
Model	Capacity(kW) Cooling / Heating	EER/COP(W/W) Cooling / Heating	Sound Pressure(dB(A)ff1/3) Indoor(H/L/Sleep) Outdoor(H)	Dimension(mm)	
C09AWR-2	Min : 0.90/0.90 Rating : 2.63/3.64 Max : 3.70/5.00	3.81/4.00	31/23/20 46	912x282x165	
C12AWR-2	Min : 0.90/0.90 Rating : 3.50/4.65 Max : 4.04/5.48	3.10/3.37	37/23/20 46	912x282x165	
C18AWR-2	Min : 1.76/1.41 Rating : 5.28/6.07 Max : 5.80/6.65	3.20/3.23	41/35/33 54	1,107x299x200	
C24AWR-2	Min : 3.87/3.61 Rating : 7.03/8.44 Max : 7.47/8.88	2.87/2.91	43/35/31 56	1,107x299x200	



- Low Indoor Noise Level • Durable Coating • Dual Plasma Air Purifying System
- Auto Cleaning • Ez Remocon (New) • 4-Way Auto Swing • Auto Changeover • Jet Cool™/Jet Heat
- Natural Wind By CHAOS Swing™ • Interchangeable Colour Panel • Hot Start
- Sleep Mode Auto Operation • Hot Start • Quiet Operation • Auto Restart
- Dehumidification Mode • 24-Hour ON/OFF Setting Timer

Interchangeable Colour Panels

Available in 3 colours that are easy to change.
The modern design and premium finish will compliment any interior decor.



ART COOL Photochangeable



* Whilst in sleep mode, measured in accordance with Korean Standard KSC9306 indoor unit sound levels are determined in an anechoic chamber at a distance of 1 meter from the front of the unit by sound pressure.

Reverse Cycle					
Model	Capacity(kW) Cooling / Heating	EER/COP(W/W) Cooling / Heating	Sound Pressure(dB(A)ff1/3) Indoor(H/L/Sleep) Outdoor(H)	Dimension(mm)	
A12AW2	Min : 1.30/1.30 Rating : 3.50/4.20 Max : 4.00/5.00	3.18/3.53	42/25 48	600x600x145	



- Low Indoor Noise Level • Durable Coating • Plasma Air Purifying System • Auto Cleaning
- Wireless Remote Controller(Luminous) • Auto Changeover • Jet Cool™/Jet Heat
- Natural Wind By CHAOS Swing™ • 3-Dimensional Air Flow • Sleep Mode Auto Operation
- Quiet Operation • Dehumidification Mode • Auto Restart • 24-Hour ON/OFF Setting Timer
- Hot Start



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

Wall Mounted Split

LG AIR CONDITIONERS

Inverter



* Whilst in sleep mode, measured in accordance with Korean Standard KSC9306 indoor unit sound levels are determined in an anechoic chamber at a distance of 1 meter from the front of the unit by sound pressure.

Reverse Cycle				
Model	Capacity(kW) Cooling / Heating	EER/COP(W/W) Cooling / Heating	Sound Pressure(dB(A)ff13) Indoor(H/L/Sleep) Outdoor(H)	Dimension(mm)
S09AWN-4	Min : 0.90/0.90	3.09/3.23	31/21/20 47	840x270x189
	Rating : 2.50/3.10			
	Max : 3.46/3.87			
S12AWN-4	Min : 0.90/0.90	3.14/3.39	38/22/20 47	840x270x189
	Rating : 3.36/3.89			
	Max : 4.04/4.86			



- Low Indoor Noise Level • Durable Coating • Plasma Air Purifying System • Auto Cleaning
- Wireless Remote Controller(Luminous) • Auto Changeover • Jet Cool™ • 4-way Auto Swing
- Natural Wind By CHAOS Swing™ • Sleep Mode Auto Operation • Quiet Operation
- Dehumidification Mode • Auto Restart • 24-Hour ON/OFF Setting Timer • Hot Start

Fixed



Reverse Cycle				
Model	Capacity(kW) Cooling / Heating	EER/COP(W/W) Cooling / Heating	Sound Pressure(dB(A)ff13) Indoor(H/L) Outdoor(H)	Dimension(mm)
S09AHP-4	2.80/2.96	3.15/3.08	36/24 45	840x270x176
S12AHP-4	3.45/3.52	3.14/3.35	36/25 45	895x282x191



- Durable Coating • Plasma Air Purifying System • Auto Cleaning • Auto Changeover
- Jet Cool™ • Natural Wind By CHAOS Swing™ • Wireless Remote Controller(Luminous)
- Sleep Mode Auto Operation • Quiet Operation • Dehumidification Mode • Auto Restart
- 24-Hour ON/OFF Setting Timer • Hot Start • 4way Auto Swing



Reverse Cycle				
Model	Capacity(kW) Cooling / Heating	EER/COP(W/W) Cooling / Heating	Sound Pressure(dB(A)ff13) Indoor(H/L/Sleep) Outdoor(H)	Dimension(mm)
S18AWN-4	Min : 1.76/1.41	3.13/3.41	41/31/29 54	1,090x300x200
	Rating : 5.13/6.07			
	Max : 5.80/6.65			
S24AWN-4	Min : 3.87/3.61	2.78/2.76	43/31/ 55	1,090x300x200
	Rating : 7.03/8.44			
	Max : 7.47/8.27			



- Powerful Air Throw(12m) • Durable Coating • Dual Plasma Air Purifying System • Auto Cleaning
- 4-way Auto Swing • Auto Changeover • Jet Cool™ • Natural Wind By CHAOS Swing™
- Wireless Remote Controller(Luminous) • Sleep Mode Auto Operation • Quiet Operation
- Dehumidification Mode • Auto Restart • 24-Hour ON/OFF Setting Timer • Hot Start



Reverse Cycle				
Model	Capacity(kW) Cooling / Heating	EER/COP(W/W) Cooling / Heating	Sound Pressure(dB(A)ff13) Indoor(H/L) Outdoor(H)	Dimension(mm)
S18AHP-4	5.28/5.50	2.84/2.97	43/37 54	1,090x300x178



- Durable Coating • Dual Plasma Air Purifying System • Auto Cleaning • Auto Changeover
- Jet Cool™ • Natural Wind By CHAOS Swing™ • Wireless Remote Controller(Luminous)
- Sleep Mode Auto Operation • Quiet Operation • Dehumidification Mode • Auto Restart
- 24-Hour ON/OFF Setting Timer • Hot Start • 4way Auto Swing



Reverse Cycle				
Model	Capacity(kW) Cooling / Heating	EER/COP(W/W) Cooling / Heating	Sound Pressure(dB(A)ff13) Indoor(H/L) Outdoor(H)	Dimension(mm)
S30AWN	Min : 3.60/5.30	2.97/2.95	46/39 54	1,209x 346x205
	Rating : 8.00/9.60			
	Max : 8.80/10.20			
S36AWN	Min : 4.00/5.60	3.01/2.94	47/41 58	1,209x346x205
	Rating : 9.00/10.40			
	Max : 9.80/11.00			



- Durable Coating • Dual Plasma Air Purifying System • Auto Cleaning • 4-way Auto Swing
- Wireless Remote Controller(Luminous) • Auto Changeover • Jet Cool™ • Hot Start
- Natural Wind By CHAOS Swing™ • Sleep Mode Auto Operation • Quiet Operation
- Dehumidification Mode • Auto Restart • 24-Hour ON/OFF Setting Timer



Cooling Only				
Model	Capacity(kW) Cooling	EER(W) Cooling	Sound Pressure(dB(A)ff13) Indoor(H/L) Outdoor(H)	Dimension(mm)
S09TCA*	2.60	3.06	36/27 51	840x270x161
S12TCA*	3.40	3.06	39/30 53	895x282x166

*Limited Stock Available (Please contact your local LG office) _ S09TCA / S12TCA Only








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

Inverter Multi Systems

LG's Inverter Multi Split systems are an advanced air conditioning system of superior quality that has the ability to operate at different temperatures and fan speeds in individual rooms. The multi split system can be made up of large indoor units for living areas and small indoor units for bedrooms, all operated from the one common outdoor unit. LG has a wide range of indoor units available including the stylish ArtCool units, conventional split units as well as cassettes and ducted units.



Model Line-up

	Outdoor Unit	Package Model*	Combination					Refrigerant
			Outdoor	Indoor1	Indoor2	Indoor3	Indoor4	
		PFM193	FM19AH 5.3kW	MS09AH 2.6kW	MS09AH 2.6kW	MS07AH 2.0kW		
		PFM192	FM19AH 5.3kW	MS07AH 2.0kW			MS18AH 5.3kW	
		PFM253	FM25SH 7.0kW	MS09AH 2.6kW	MS09AH 2.6kW	MS18AH 3.5kW		
		PFM252	FM25SH 7.0kW	MS09AH 2.6kW			MS24AH 6.7kW	
		PFM303	FM30SH 8.8kW	MS09AH 2.6kW	MS09AH 2.6kW		MS18AH 5.3kW	
		PFM302	FM30SH 8.8kW	MS09AH 2.6kW			MS24AH 6.7kW	

* The above packages are recommended product combinations for Multi Split systems, and are subject to user requirements. Should the above recommendations not be suitable, users can select any combination of the outdoor/indoor units listed to suit their requirements.

** Please note that the actual individual total indoor capacity will be dependent on the capacity of the outdoor unit as well as the number of working indoor units, as not all indoor units are necessarily in use at the same time. For further assistance and information please contact your local LG sales representative.

Indoor unit

Capacity (kW)	2.1	2.6	3.5	5.3	6.7
Wall Mounted 	MS07AH	MS09AH	MS12AH	MS18AH	MS24AH
ART COOL Mirror 	MC07AH N80	MC09AH N80	MC12AH N80	MC18AH N80	MC24AH N80
ART COOL Photochangeable 		MA09AH N80	MA12AH N80		
1-Way Cassette Type 		MT09AH *(PT-HCC)	MT11AH *(PT-HCC)		
4-Way Cassette Type 			MT12AH *(PT-HEC1)	MT18AH *(PT-HEC1)	MT24AH *(PT-HFC)

* Cassette panels
* Cassette panels are accessory to be sold separately.

Wide range of unit combinations

Various different types of indoor units to compliment the different capacities of outdoor units.

Energy saving

LG inverter technology saves more energy in comparison to non inverter models

Powerful operation



Reference



LG Air conditioners suitable for multi system



ART COOL



ART COOL Photochangeable



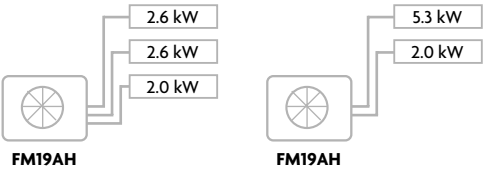
Wall Mounted Type



1-way Ceiling Cassette Type



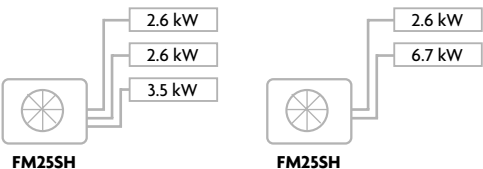
4-way Ceiling Cassette Type



Reverse Cycle			
Model	Outdoor Capacity(kW)	Indoor Combination(kW)	Indoor Quantity
FM19AH	5.3	2.6+2.6+2.0	3
FM19AH	5.3	2.0+5.3	2



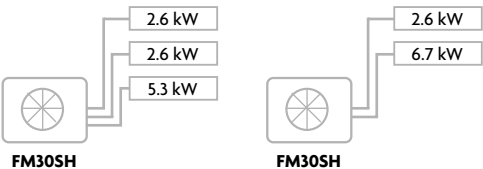
- Durable Coating • Plasma Air Purifying System • Auto Cleaning • Auto Restart
- Sleep Mode Auto Operation • Quiet Operation • Dehumidification Mode



Reverse Cycle			
Model	Outdoor Capacity(kW)	Indoor Combination(kW)	Indoor Quantity
FM25SH	7.0	2.6+2.6+3.5	3
FM25SH	7.0	2.6+6.7	2



- Durable Coating • Plasma Air Purifying System • Auto Cleaning • Auto Restart
- Sleep Mode Auto Operation • Quiet Operation • Dehumidification Mode



Reverse Cycle			
Model	Outdoor Capacity(kW)	Indoor Combination(kW)	Indoor Quantity
FM30SH	8.8	2.6+2.6+5.3	3
FM30SH	8.8	2.6+6.7	2



- Durable Coating • Plasma Air Purifying System • Auto Cleaning • Sleep Mode Auto Operation
- Quiet Operation • Dehumidification Mode • Auto Restart

Window Wall

Easy to install, LG window wall systems offer powerful performance with innovative features including 4-way air deflection and auto swing.



4-Way Air Deflection
The adjustable front louvers let you direct airflow both horizontally and vertically.



Auto Swing
The air circulation vents swing constantly and silently from side to side, directing cool air to every corner of the room.
(Available on models 3.48 kW and over only)



Slide-out Chassis
For easy installation and service, the slide-out chassis eliminates the need to remove the unit from the window or wall.

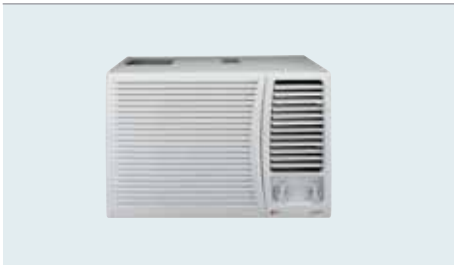


Grooved Copper Tubing
Exposing more of the inner tube surface to the refrigerant maximises the efficiency when cooling and/or heating.

Model Line-up

Window Wall Type	Plug(Amp)	Model Name	Capacity(kW)	Refrigerant
		● W05TCA	Cooling: 1.73 kW	
		● W07TCA	Cooling: 2.10 kW	
		● W09TCM	Cooling: 2.56 kW	
		● W09THM	Cooling: 2.64 kW Heating: 2.43 kW	
		● W12TCM	Cooling: 3.48 kW	
		● W12THM	Cooling: 3.37 kW Heating: 3.13 kW	
		● W18TCM	Cooling: 4.70 kW	
		● W18THM	Cooling: 4.50 kW Heating: 4.20 kW	

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



Cooling Only					
Model	Capacity(kW) Cooling	EER(W/W) Cooling	Sound Pressure(dB(A)ff13) Indoor(H/L) Outdoor(H)	Dimension(mm)	
■ W05TCA	1.73	3.09	45/43 50	470x353x525	
■ W07TCA	2.10	2.90	46/44 52	470x353x525	



- Anti Corrosion Gold Fin™ • 4-Way Air Deflection • Auto Restart
- One-Touch Air Filter (Anti-Bacteria) • Slide-Out Chassis



Reverse Cycle Cooling Only					
Model	Capacity(kW) Cooling / Heating	EER/COP(W/W) Cooling / Heating	Sound Pressure(dB(A)ff13) Indoor(H/L) Outdoor(H)	Dimension(mm)	
■ W09TCM	2.56/-	2.91/-	47/43 55	600x380x555	
■ W09THM	2.64/2.43	2.90/2.93	47/43 55	600x380x555	
■ W12TCM	3.48/-	2.92/-	51/48 58	600x380x555	
■ W12THM	3.37/3.13	2.83/3.01	52/49 59	600x380x555	
■ W18TCM	4.70/-	2.96/-	51/48 58	660x428x771	
■ W18THM	4.50/4.20	2.90/3.18	52/49 59	660x428x771	



- Anti Corrosion Gold Fin™ • 4-Way Air Deflection • One-Touch Air Filter (Anti-Bacteria)
- Slide-Out Chassis • Auto Swing (Over 3.48kW only) • Auto Restart
- 12-Hour ON/OFF Setting Timer • Wireless Remote Controller

Inverter In-Ceiling Cassette

Offering flexible installation options, LG ceiling cassettes have been designed for both residential and commercial applications. Ideal for various applications including the lounge, family room, restaurants, hotels, offices and meeting rooms.



Model Line-up

	In-Ceiling Cassette Type	Packge Model	Model Name	Capacity(kW)			Refrigerant
				Min	Rating	Max	
<div>DC Inverter</div> <div>Inverter</div>		UT24P	Indoor_UT24W	Cooling: 2.80	7.00	7.70	
			Outdoor_UU24WD Panel_PT-UMC	Heating: 3.16	7.90	8.69	
		UT30P	Indoor_UT30W	Cooling: 3.16	7.90	8.69	
			Outdoor_UU30WD Panel_PT-UMC	Heating: 3.84	9.60	10.56	
		UT36P	Indoor_UT36W	Cooling: 4.00	10.00	11.00	
			Outdoor_UU36WD Panel_PT-UMC	Heating: 4.40	11.00	12.10	
		UT42P	Indoor_UT42W	Cooling: 5.04	12.6	13.86	
			Outdoor_UU42WD Panel_PT-UMC	Heating: 5.6	14.0	15.4	
		UT48P	Indoor_UT48W	Cooling: 5.58	13.94	15.33	
			Outdoor_UU48WD Panel_PT-UMC	Heating: 6.16	15.40	16.94	



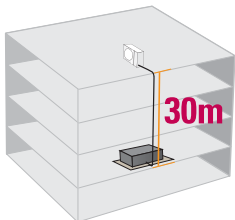
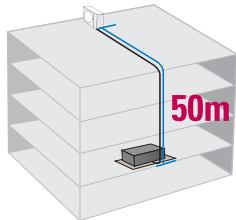
Durable Coating

LG Air Conditioners feature anti corrosive coating on the surface of the heat exchanger in the outdoor unit. The coating is designed to protect air conditioners from pollution and corrosive conditions and assists in the durability and longevity of the unit. It is the perfect solution for Australian outdoor conditions.



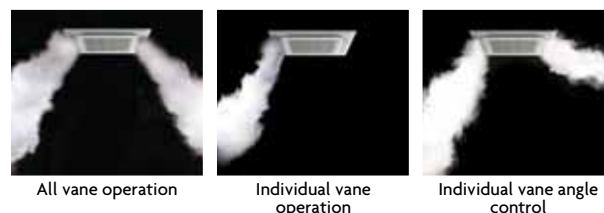
Long Distance, High Elevation Piping

LG air conditioners (cassette models) can be installed for long distances (up to 50m) and high elevation applications (up to 30m).



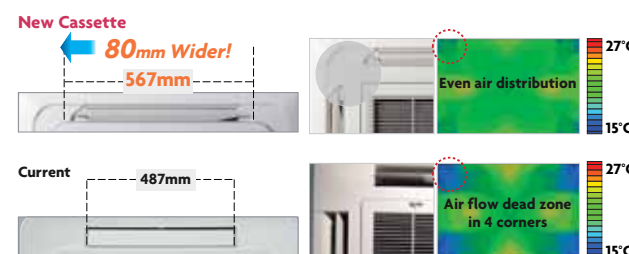
4 Vane Independent Operation

Vane angle control satisfies both users who like direct wind or indirect wind and it also reduces cold air drafts.



Wide Jet Air Flow

Improved wide vanes reduce dead bands and provide better air and temperature distribution.



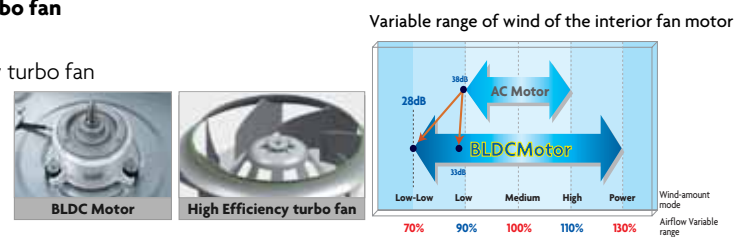
Independent Automatic Vane Control

One motor per vane is adopted to control each of the four vanes independently, freely controlling air currents according to requirements.



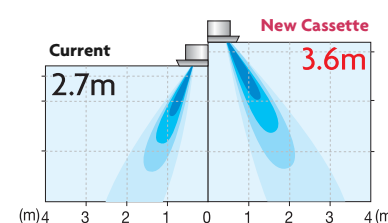
Improved Low Noise

- **BLDC motor, Low indoor noise with high efficiency turbo fan**
- Improved outlet & airflow design
- Removal of unnecessary noise through the high efficiency turbo fan
- Resonance noise removal by anti vibration design & BLDC motor



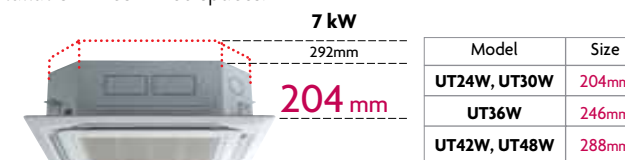
High Ceiling Operation

Depending on the height of the installation, LG air conditioners allow you to vary the speed of the indoor fan motor. When installation is low, the RPM can be reduced but it can be increased when the installation is high to ensure optimum comfort levels. The speed can be adjusted via the slide switch on the back of the LCD wired remote.



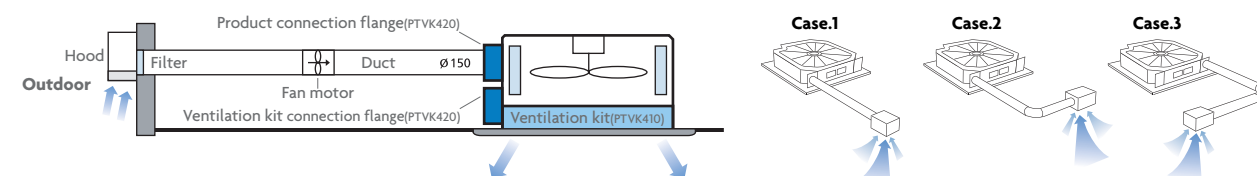
Slim & Compact size

The indoor unit with its slim and compact size enables successful installation in confined spaces.



Fresh air intake kit (Option)

Using this kit, a duct can be fitted to increase the intake of outdoor air



* Fresh air intake kits will be available at the end of 2008. Please contact an LG sales representative for more details.

Easy to Install & Service

4 Corners Detachable Panels

The attachable/detachable corner design makes it easy to adjust the hanger during installation and to check for possible leakage in the drain connection pipe.



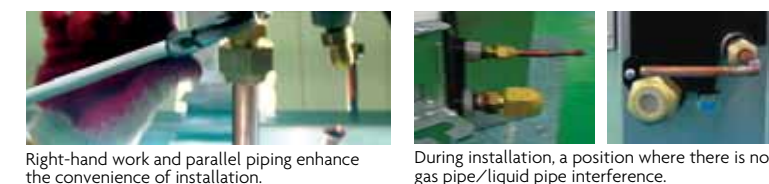
One Touch Panel Fitting Method

The simple push-up panel design easily connects the panel with the body, enabling the installer to use hands freely.



Simple Connecting Piping Position and Direction

Parallel refrigerant piping and absence of gas pipe / liquid pipe interference makes the pipe connections easier.



Reduced size and footprint of outdoor unit will provide a better solution for small offices and shops.

1 Inner SVC valve

- 4 Way piping is possible (Front, Rear, Right, Down)
- Excellent exterior

2 Convenient Lifting Handle

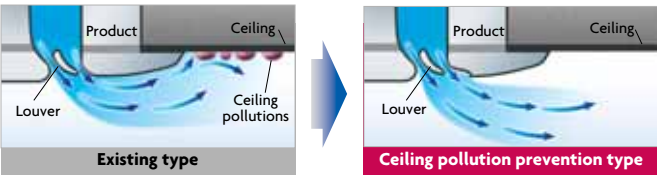
Fitted hand grips for easy lifting and installation.

3 Compact Design & Ez SVC

- Remove 3 screws for SVC access
- Front panel removal system

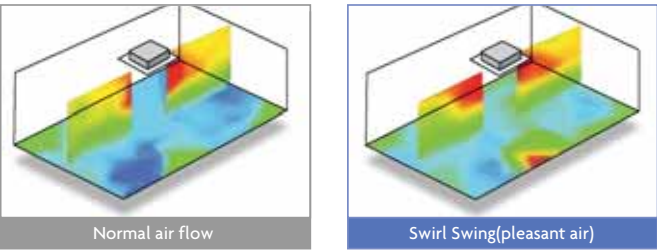
Design to Reduce Ceiling Stains

The new outlet design can reduce ceiling contamination from air currents flowing along the ceiling.



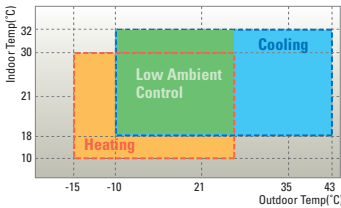
Swirl Swing

Swirl swing distributes air evenly throughout the room to ensure a more comfortable conditioned environment by adjusting the movement of the louvers.



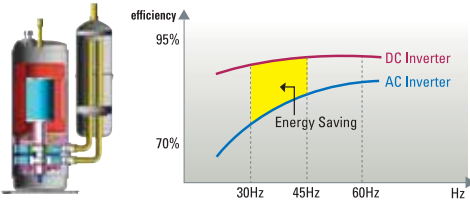
Wide Operating Range

When cooling rooms in the event of low outdoor temperatures, the BLDC inverter compressor and outdoor BLDC fan motor are used to adjust the air flow and volume, with a view to ensuring efficient operation by allowing the air conditioner to keep operating at -10°C without turning it off.



Powerful BLDC Compressor

The LG inverter air conditioner comes with a BLDC compressor that uses a strong neodymium magnet. The compressor has improved efficiency compared with AC inverter. Notably, during partial-load operation (30-45 Hz), the efficiency of the compressor increases, as compared to the existing AC motors. Subcooling effects of the bigger condenser will further increase the product's energy consumption efficiency.



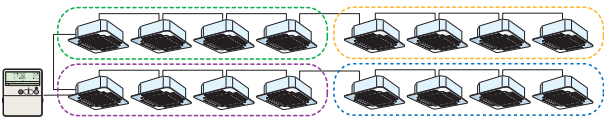
Weekly Programing

You can set on/off programing options on your air conditioning system for a period of one week.

- 24-Hour ON/ OFF Timer in 1 hour intervals
- TEST RUN Mode
- Self-Diagnosis function
- 3-Step Fan Speed selection
- Operation Indication
- Room Temperature Display
- Only 20mm thick

Group Control

The optional Group Control can link and control up to 16 indoor units from one control device.



New Wired Remote Controller

The wired remote controller with a large wide LCD screen featuring large font letters and a 4-direction key control enables the user more convenient control of operational conditions of the indoor unit. 2 remote control in 1 indoor unit. Order 1 more wired remote control (PQRCUSA0)

- Easy to read large font
- Large wide LCD
- Easy installation

Package Model	Capacity(kW)		EER/COP(W/W)		Sound Pressure(dB(A)ftl)		Dimension(mm) Indoor Unit / Decoration Panel
	Cooling / Heating		Cooling / Heating		Indoor(l/L) / Outdoor(l/L)		
■ UT24P Indoor: UT24W Outdoor: UU24WD Front Panel: PT-UMC	Min : 2.80/3.16 Rating : 7.00/7.90 Max : 7.70/8.69		3.20/3.29		39/34 52/46		840x204x840 / 950x25x950
■ UT30P Indoor: UT30W Outdoor: UU30WD Front Panel: PT-UMC	Min : 3.16/3.84 Rating : 7.90/9.60 Max : 8.69/10.56		2.88/3.07		43/37 52/46		840x204x840 / 950x25x950
■ UT36P Indoor: UT36W Outdoor: UU36WD Front Panel: PT-UMC	Min : 4.00/4.40 Rating : 10.00/11.00 Max : 11.00/12.10		2.99/3.15		43/37 56/52		840x246x840 / 950x25x950
■ UT42P Indoor: UT42W Outdoor: UU42WD Front Panel: PT-UMC	Min : 5.04/5.60 Rating : 12.60/14.00 Max : 13.86/15.40		3.19/3.47		46/40 57/54		840x288x840 / 950x25x950
■ UT48P Indoor: UT48W Outdoor: UU48WD Front Panel: PT-UMC	Min : 5.58/6.16 Rating : 13.94/15.40 Max : 15.33/16.94		2.91/3.28		49/43 57/54		840x288x840 / 950x25x950



- Durable Coating
- Central Controller(Accessory)
- Long & High Elevation Piping
- High Head Drain Pump
- Low Standby Power
- Auto Restart
- Weekly Program
- Group Control
- Child Lock Function
- Two Thermistor Control
- Auto Changeover

Indoor Unit



Front Panel






Outdoor Unit



Specifications

Inverter Wall Mounted Split

ART COOL



Model	Set		C09AWR-2	C12AWR-2	C18AWR-2	C24AWR-2	A12AW2
	Indoor		C09AWR-NE2	C12AWR-NE2	C18AWR-N82	C24AWR-N82	A12AW2-NF6
	Outdoor		C09AWU-UE2	C12AWU-UE2	C18AWU-U82	C24AWU-U82	A12AWU-UF6
Cooling Capacity (Min/Rating/Max)		kW	0.90 / 2.63 / 3.70	0.90 / 3.50 / 4.04	1.76 / 5.28 / 5.80	3.87 / 7.03 / 7.47	1.30 / 3.50 / 4.00
Heating Capacity (Min/Rating/Max)		kW	0.90 / 3.64 / 5.00	0.90 / 4.65 / 5.48	1.41 / 6.07 / 6.65	3.61 / 8.44 / 8.88	1.30 / 4.20 / 5.00
Voltage/Frequency/Phase		(V/Hz/ø)	220-240.50/1	220-240.50/1	220-240.50/1	220-240.50/1	220-240.50/1
Power Input.	Cool/Heat	(W)	690/910	1,130/1,380	1,650/1,880	2,450 / 2,900	1,100/1,190
Running Current.	Cool/Heat	(A)	3.20 /4.15	5.00 /6.10	7.30 / 8.30	11 / 13	4.9/5.4
Starting Current	Cool/Heat	(A)	3.20 /4.15	5.00 /6.10	7.30 /8.30	11/13	4.9/5.4
EER	Cooling	(W/W)	3.81	3.10	3.20	2.87	3.18
COP	Heating	(W/W)	4.00	3.37	3.23	2.91	3.53
Star Rating	Cooling/Heating		6.0 /6.0	4.5 / 5.0	5.0 / 4.5	3.5 /3.0	4.5/5.0
Air Flow Rate	Indoor, Max.	(l/sec)	142	159	216	338	175
Moisture Removal		l/h(pts/h)	1.5(3.2)	1.5(3.2)	2.1(4.4)	2.7(5.7)	1.5(3.2)
Noise Level	Indoor(H/L) Outdoor(H)	dB(A)±3	31/23 46	37/23 46	41/35 54	43/35 56	42/25 48
	Sleep	dB(A)±3	20	20	31	31	-
Sound Power	Outdoor	dB(A)	62	62	68	68	60
Refrigerant(R410A) Charge (7.5m)		g(oz)	1,000(35)	1,000(35)	1,200(42.3)	1,800(63)	1,000(35.3)
Max Pipe Run		(m)	15	15	15	30	15
Connecting Cable		P*mm²	4*1.0	4*1.0	4*1.5	4*2.5	4*1.0
Additional Refrigerant		(g/meter)	20	20	20	30	20
Plug Size			10 amp	10 amp	15 amp	20 amp	10 amp
Net Dimensions	Indoor WxHxD	(mm)	912x282x165	912x282x165	1,107x299X200	1,107x299x200	600x600x145
	Outdoor WxHxD	(mm)	770x540x245	770x540x245	870x655x320	870x800x320	770x540x245
Net Weight	Indoor/Outdoor	(Kg)	10.5/38	10.5/38	14.1/46	14.1/60	14/34
Service Valve(ø)	Liquid	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)	6.35(1/4)
	Gas	mm(inch)	9.52(3/8)	9.52(3/8)	12.7(1/2)	15.88(5/8)	9.52(3/8)
Feature							
Plasma Air Purifying System			• (Dual)	• (Dual)	• (Dual)	• (Dual)	•
Durable Coating			•	•	•	•	•
Auto Cleaning			•	•	•	•	•
Auto Changeover			•	•	•	•	•
Jet Cool™/Jet Heat			•	•	•	•	•
Natural Wind By CHAOS Swing™			•	•	•	•	•
Changeable Colour Panel			•	•	•	•	-
4-Way Auto Swing			•	•	•	•	•
New Wireless Remote Controller (Ez-Remocon)			•	•	•	•	-
Sleep Mode Auto Operation			•	•	•	•	•
Quiet Operation			•	•	•	•	•
Dehumidification Mode			•	•	•	•	•
Auto Restart			•	•	•	•	•
24-Hour ON/OFF Setting Timer			•	•	•	•	•
Hot Start			•	•	•	•	•

Note :

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- Cooling Capacities are based on an indoor air temp 27°C DB 19°C WB and outdoor air temp. 35°C DB and 24°C WB in accordance with AS3823.1.2.
- Actual cooling & heating capacity will vary as ambient temperature decreases. Please consult your LG sales representative for performance data outside of AS3823.1.2. standard conditions.
- Sound level are determined in an anechoic chamber at a distance of 1 m. Actual installed noise levels will vary depending on the installed location.
- Information contained in this brochure is a guide only and LG strongly recommends that you ask for advice from specialist installers and retailers, who can assist with measuring rooms and testing. Specialists can tell you the best size and type of air conditioner suited for your needs

Outdoor Unit



Interchangeable Colour Panels
(all models applied to)

Type	Model	Mirror		
		Mirror	Silver	Blue
Mirror	C09AWR-2 C12AWR-2	PSAPECR10	PSAPECV10	PSAPECB10
	C18AWR-2 C24AWR-2	PSAP8CR10	PSAP8CV10	PSAP8CB10

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



Inverter Wall Mounted Split





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Outdoor Unit



Specifications

Wall Mounted Split						
						
Model	Set	S09AHP4	S12AHP4	S18AHP4	S09TCA	S12TCA
	Indoor	S09AHP-N48	S12AHP-NE8	S18AHP-N58	S09TCAN4D60	S12TCANTD60
	Outdoor	S09AHP-U48	S12AHP-UE8	S18AHP-U58	S09TCAULD60	S12TCAUMD60
Cooling Capacity	kW	2.80	3.45	5.28	2.60	3.40
Heating Capacity	kW	2.96	3.52	5.50	-	-
Voltage/Frequency/Phase	(V/Hz/ø)	220-240.50/1	220-240.50/1	220-240.50/1	220-240.50/1	220-240.50/1
Power Input	Cool/Heat (W)	890/960	1,100/1,050	1,860/1,850	850/-	1,110/-
Running Current	Cool/Heat (A)	4.1/4.2	4.9/4.9	8.5/8.7	3.8/-	5.0/-
Starting Current	Cool/Heat (A)	18.0/18.0	24.0/24.0	34.0/34.0	10.0/-	13.0/-
EER	Cooling (W/W)	3.15	3.14	2.84	3.06	3.06
COP	Heating (W/W)	3.08	3.35	2.97	-	-
Star Rating	Cooling/Heating	5.0/3.5	4.5/4.5	3.5/3.5	3.5/-	3.5/-
Air Flow Rate	Indoor, Max. (l/sec)	123	167	223	112	133
Moisture Removal	l/h(pts/h)	1.2(2.55)	1.5(3.19)	2.2(4.65)	1.00(2.1)	1.50(3.2)
Noise Level	Indoor(H/L) Outdoor(H) dB(A)±3	36/24 45	38/25 45	42/34 54	36/27 51	39/30 53
Sound Power	Outdoor dB(A)	58	60	68	-	-
Refrigerant(R410A) Charge (7.5m)	g(oz)	970(34.2)	1,250(44.1)	1,250(44.1)	1,180	1,150
Max Pipe Run	(m)	15	15	15	15	15
Connecting Cable	P*mm ²	3*1.0 + 2*0.75	3*1.0 + 2*0.75	3*1.5 + 2*0.75	3*0.75	3*1.0
Additional Refrigerant	(g/meter)	20	20	20	50	50
Plug Size		10 amp	10 amp	15 amp	10 amp	15 amp
Net Dimensions	Indoor WxHxD (mm)	840x270x176	895x282x191	1,090x314x196	840x270x161	895x282x166
	Outdoor WxHxD (mm)	717x481x228	717x481x228	840x577x276	770x245x540	840x276x577
Net Weight	Indoor/Outdoor (Kg)	7.5/24	10.5/24	12/50	7 / 33.5	8/47.0
Service Valve(ø)	Liquid mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gasm(m(inch)	9.52(3/8)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)
Feature						
Plasma Air Purifying System		•	•	• (Dual)	-	-
Durable Coating		•	•	•	-	-
Auto Cleaning		•	•	•	-	-
Auto Changeover		•	•	•	-	-
Jet Cool™/Jet Heat		•	•	•	•/-	•/-
Natural Wind By CHAOS Swing™		•	•	•	•	•
4-Way Auto Swing		•	•	•	-	-
Wireless Remote Controller(Luminous)		•	•	•	-	-
Sleep Mode Auto Operation		•	•	•	•	•
Quiet Operation		•	•	•	•	•
Dehumidification Mode		•	•	•	•	•
Auto Restart		•	•	•	•	•
24-Hour ON/OFF Setting Timer		•	•	•	-	-
Hot Start		•	•	•	-	-

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Outdoor Unit








2.8-3.7kW

2.7-4.0kW

5.3kW

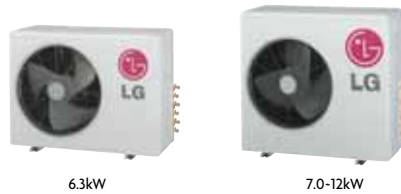
7.0-8.0kW

Inverter Multi Split																
																
Indoor_ Wall Mounted Split			MS07AH		MS09AH		MS12AH		MS18AH		MS24AH					
Cooling Capacity			kW		2.05		2.64		3.52		5.28		6.74			
Heating Capacity			kW		2.34		2.93		3.87		5.80		7.47			
Air Flow Rate			H CMM(l/s)		5.6 (93)		7.0 (117)		9.5 (158)		12 (200)		14 (233)			
Noise Level (Sound Press,1m)			H/M/L dBA		29 / 25 / 20		33 / 29 / 22		36 / 32 / 29		37 / 34 / 31		41 / 39 / 34			
Dimensions			WxHxD mm		758x260x160		758x260x160		758x260x160		1,090x300x180		1,090x300x180			
Net Weight			kg		7		7		7		13		13			
Piping Connection			Liquid / Gas inch(mm)		1/4 (6.35) / 3/8 (9.52)		1/4 (6.35) / 3/8 (9.52)		1/4 (6.35) / 3/8 (9.52)		1/4 (6.35) / 1/2 (12.7)		1/4 (6.35) / 1/2 (12.7)			
			Drain hose (IDø) inch(mm)		20		20		20		20		20			
																
Indoor_ Wall Mounted Split(ARTCOOL)			MC07AH NEO		MC09AH NEO		MC12AH NEO		MC18AH N80		MC24AH N80		MA09AH NFO		MA12AH NFO	
Cooling Capacity			kW		2.05		2.64		3.52		5.28		6.74		13.52	
Heating Capacity			kW		2.34		2.93		3.87		5.80		7.47		3.87	
Air Flow Rate			H CMM(l/s)		7 (117)		8 (133)		10 (167)		12.6 (210)		15 (250)		8.9 (148)	
Noise Level (Sound Press,1m)			H/M/L dBA		30 / 25 / 21		31 / 26 / 22		35 / 28 / 24		39 / 37 / 35		43 / 41 / 38		38 / 32 / 27	
Dimensions			WxHxD mm		915x282x165		915x282x165		915x282x165		1,107x299x200		1,170x315x173		600x600x146	
Net Weight			kg		8.1		9.5		9.5		14.1		14.1		15	
Piping Connection			Liquid /Gas inch(mm)		1/4 (6.35) / 3/8 (9.52)		1/4 (6.35) / 3/8 (9.52)		1/4 (6.35) / 3/8 (9.52)		1/4 (6.35) / 1/2 (12.7)		1/4 (6.35) / 1/2 (12.7)		1/4 (6.35) / 3/8 (9.52)	
																
Indoor_ In Ceiling Cassette			MT09AH		MT11AH		MT12AH		MT18AH		MT24AH					
Cooling Capacity			kW		2.64		3.52		3.52		5.28		7.03			
Heating Capacity			kW		2.93		3.87		3.87		5.80		7.74			
Air Flow Rate			H/M/L CMM(l/s)		8.5 / 7.5 / 6.5 (142/125/108)		9.5 / 8 / 7 (158/133/117)		9.5 / 7 / 6.5 (158/133/108)		13/12/11 (217/200/183)		15/14/13 (250/233/217)			
Noise Level(Sound Press,1m)			H/M/L dBA		35 / 32 / 28		37 / 33 / 29		38 / 35 / 32		41/39/37		43/41/39			
Dehumidification Rate					1.1		1.3		1.2		2.4		3.0			
Dimensions (WxHxD)			Indoor Unit mm		860x180x390		860x180x390		570x265x570		570x265x570		744x292x744			
			Decorative Panel mm		1,050x30x480		1,050x30x480		670x30x670		670x30x670		850x30x850			
Net Weight			Body kg		22		22		19		19		24			
			Panel kg		4		4		3		3		3			
Piping Connection			Liquid / Gas inch(mm)		1/4 (6.35) / 3/8 (9.52)		1/4 (6.35) / 3/8 (9.52)		1/4 (6.35) / 3/8 (9.52)		1/4 (6.35) / 1/2 (12.7)		1/4 (6.35) / 1/2 (12.7)			
			Drain hose (IDø) inch(mm)		[25]		[25]		[25]		[25]		[25]			
Facial Panel					PT-HCC		PT-HCC		PT-HECI		PT-HECI		PT-HFC			

Notes: • Capacities are based on the following conditions: Cooling: - Indoor Temperature 27°C DB /19°C WB - Outdoor Temperature 35°C DB /24°C WB
Heating: - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.




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- At least two indoor units should be connected. *Heating capacity decreases as ambient temperatures decrease. Please consult your LG Commercial Salesperson.
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Outdoor Unit





6.3kW

7.0-12kW

Window Wall					
Model		W05TCA	W07TCA	W09TCM	W09THM
Cooling Capacity	kW	1.73	2.10	2.56	2.64
Heating Capacity	kW	-	-	-	2.43
Voltage,Frequency,Phase	(V,Hz/ø)	220-240.50/1	220-240.50/1	220-240.50/1	220-240.50/1
Power Input	Cooling / Heating (W)	560/-	720/-	880/-	910/830
Running Current	Cooling / Heating (A)	2.4/-	3.3/-	3.9/-	4.1/3.8
Starting Current	Cooling / Heating (A)	9.0/-	12.0/-	15.0/-	15.0/15.0
E.E.R	(W/W)	3.09/-	2.90/-	2.91/-	2.90/2.93
Star Rating	Cooling/Heating	4.5/-	4.0/-	4.0/-	4.0/3.5
Air Flow Rate	Indoor /Outdoor ,Max (l/sec)	73/160	103/192	142/250	142/250
Moisture Removal	(l/h)	0.8	0.8	0.8	0.8
Noise level	In (H/L) Out (H) dB(A)±3	45/43 50	46/44 52	47/43 55	47/43 55
Sound Power	Outdoor dB(A)	56	58	60	60
Plug Size		10Amp	10Amp	10Amp	10Amp
Net Dimensions(WxHxD)	(mm)	470x353x525	470x353x525	600x380x555	600x380x555
Net Weight	(Kgs)	30	30	36	37
Feature					
Anti Corrosion Gold Fin™		•	•	•	•
One-Touch Air Filter (Anti-Bacteria)		•	•	•	•
4-Way Air Deflection		•	•	•	•
Slide-Out Chassis		•	•	•	•
12-Hour ON/OFF Setting Timer		-	-	•	•
Wireless Remote Controller		-	-	•	•
Auto Restart		•	•	•	•


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- Cooling Capacities are based on an indoor air temp 27°C DB 19°C WB and outdoor air temp. 35°C DB and 24°C WB in accordance with AS3823.1.2.
- Actual cooling & heating capacity will vary as ambient temperature decreases. Please consult your LG sales representative for preference data outside of AS3823.1.2. standard conditions.
- Sound level are determined in an anechoic chamber at a distance of 1 m. Actual installed noise levels will vary depending on the installed location.
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Window Wall					
Model		W12TCM	W12THM	W18TCM	W18THM
Cooling Capacity	kW	3.48	3.37	4.70	4.50
Heating Capacity	kW	-	3.13	-	4.20
Voltage,Frequency,Phase	(V,Hz/ø)	220-240.50/1	220-240.50/1	220-240.50/1	220-240.50/1
Power Input.	Cooling / Heating (W)	1,190/-	1,190/1,040	1,590/-	1,550/1,320
Running Current	Cooling / Heating (A)	5.4/-	5.1/4.8	7.1/-	6.9/5.9
Starting Current	Cooling / Heating (A)	24.0/-	24.0/24.0	30.0/-	30.0/30.0
E.E.R	(W/W)	2.92/-	2.83/3.01	2.96/-	2.90/3.18
Star Rating	Cooling/Heating	4.0/-	3.5/3.0	4.0	4.5/4.5
Air Flow Rate	Indoor /Outdoor ,Max (l/sec)	167/300	167/300	212/383	212/383
Moisture Removal	(l/h)	1.2	1.2	1.9	1.9
Noise level	In (H/L) Out (H) dB(A)±3	51/48 58	52/49 59	51/48 58	52/49 59
Sound Power	Outdoor dB(A)	62	62	66	66
Plug Size		10Amp	10Amp	10Amp	10Amp
Net Dimensions(WxHxD)	(mm)	600x380x555	600x380x555	660x428x771	660x428x771
Net Weight	(Kgs)	45	46	56	53
Feature					
Anti Corrosion Gold Fin™		•	•	•	•
One-Touch Air Filter (Anti-Bacteria)		•	•	•	•
4-Way Air Deflection		•	•	•	•
Slide-Out Chassis		•	•	•	•
Auto Swing		•	•	•	•
12-Hour ON/OFF Setting Timer		•	•	•	•
Wireless Remote Controller		•	•	•	•
Auto Restart		•	•	•	•

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Inverter In-Ceiling Cassette							
Package Model			UT24P	UT30P	UT36P	UT42P	UT48P
Indoor			UT24W	UT30W	UT36W	UT42W	UT48W
Front Panel			PT-UMC	PT-UMC	PT-UMC	PT-UMC	PT-UMC
Nominal Capacity	Cooling	kw	2.8 - 7.0 - 7.7	3.16 - 7.9 - 8.69	4.0 - 10.0 - 11.0	5.04 - 12.6 - 13.86	5.58 - 13.94 - 15.33
	Heating	kw	3.16 - 7.9 - 8.69	3.84 - 9.6 - 10.56	4.4 - 11.0 - 12.1	5.6 - 14.0 - 15.4	6.16 - 15.4 - 16.94
Nominal Input (Rating)	Cooling /Heating	kw	2.19/2.40	2.74/3.13	3.34/3.49	3.95/4.03	4.79/4.69
Running Current		A	0.6	0.6	0.6	0.72	0.72
Star Rating	Cooling /Heating		4.5/4.0	3.5/3.5	4.0/3.5	4.5/4.5	4.0/4.0
Power Supply		Ø/V/Hz	1 / 220 -240 / 50	1 / 220 -240 / 50	1 / 220 -240 / 50	1 / 220 -240 / 50	1 / 220 -240 / 50
EER		kw/kw	3.20	2.88	2.99	3.19	2.91
COP		kw/kw	3.29	3.07	3.15	3.47	3.28
Air Flow Rate (H/M/L)	CMM		17/15/13	19 / 17 / 15	24 / 22 / 19	30 / 28 / 26	34 / 32 / 30
	(l/s)		283/250/217	317 / 283 / 250	400 / 367 / 317	500 / 467 / 433	567 / 533 / 500
Noise Level	(H/M/L)	dB(A)±3	39/37/34	43/40/37	43/40/37	46/44/40	49/47/43
Sound Power	(H/M/L)	dB(A)±3	51/49/46	55/52/49	55/52/49	58/56/52	61/59/55
Dehumidification Rate		l/h	2.1	2.5	2.7	3.6	4.4
Dimensions (WxHxD)	Body	mm	840x204x840	840x204x840	840x246x840	840x288x840	840x288x840
	Decorative Panel	mm	950x25x950	950x25x950	950x25x950	950x25x950	950x25x950
Weight	Body/Decorative Panel	kg	21/5	21/5	23.5/5	26/5	26/5
Piping Connections	Liquid/Gas	mm(inch)	9.52 (3/8) /15.88 (5/8)	9.52 (3/8) /15.88 (5/8)	9.52 (3/8) /15.88(5/8)	9.52 (3/8) /15.88(5/8)	9.52 (3/8) /15.88(5/8)
Features							
Durable Coating			•	•	•	•	•
New Wired Remote Controller			•	•	•	•	•
Weekly Program			•	•	•	•	•
Fresh Air Intake			•	•	•	•	•
Fresh Air Fan Interlock			•	•	•	•	•
High Head Drain Pump			•	•	•	•	•
Auto Restart			•	•	•	•	•
Child Lock Function			•	•	•	•	•
Two Thermistor Control			•	•	•	•	•
Long & High Elevation Piping			•	•	•	•	•
Group Control			•	•	•	•	•
Auto Changeover			•	•	•	•	•
Low Standby Power			•	•	•	•	•
Central Controller(Optional)			•	•	•	•	•

* Auto changeover is not operable when using the fresh air interlock feature.

Outdoor		UU24WD	UU30WD	UU36WD	UU42WD	UU48WD
Compressor	Type	Rotary	Rotary	Rotary	Rotary	Rotary
Refrigerant Charge	Charge g(oz)	2000(70.6)	2000(70.6)	2500(88.2)	3600(127)	3600(127)
	Type	R410A	R410A	R410A	R410A	R410A
Fan	Discharge Side/Top	Side	Side	Side	Side	Side
Noise Level (H/L)	Sound Press,1m dB(A)±3	52/46	52/46	56/52	57/54	57/54
Sound Power (H/L)	dB(A)±3	65/58	66/58	70/64	72/66	74/66
Dimensions	WxHxD mm	870x808x320	870x1060x320	870x1060x320	950x1380x330	950x1380x330
Net Weight	Outdoor kg	60	60	75	107	107
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)
	Gas mm(inch)	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	3 x 2.5	3 x 2.5	3 x 2.5	3 x 5.0	3 x 5.0
Interunit Cable(Includes earth)	No.*mm²	4 x 0.75	4 x 0.75	4 x 0.75	4 x 1.0	4 x 1.0
Max. Piping Length/Elevation	m	50/30	50/30	50/30	75/30	75/30
Power Supply	ø,V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Running Current	Cooling/Heating A	9.7/10.6	12.0/13.8	14.5/14.3	17.6/17.7	20.9/20.5
Air Flow Rate	CMM(l/s)	58(967)	58(967)	32(533) x 2	55(917) x 2	55(917) x 2
Additional Refrigerant Charge (Over 7.5m)	g/m	35	35	50	40	40
Operation Range	Cooling/Heating °C	-10--+43/-15--+24	-10--+43/-15--+24	-10--+43/-15--+24	-10--+43/-15--+24	-10--+43/-15--+24

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Outdoor Unit

