

7 Global No.1
2000 2001 2002 2006 2011 2014 2015

Life's Good LG

Ducted Split System 2007/2008

Enjoy Clean, Quiet, and Comfortable Air Conditioning with LG



Why buy LG Air Conditioners?

1 Global No.1 Air conditioning Manufacturer

Enjoy peace of mind when you buy an LG air conditioner, knowing that you have bought a product from the global No.1 air conditioner manufacturer. We have achieved this position by investing substantial efforts into Research and Development with six international R&D centers to ensure the most



innovative, quality products are brought to market .

LG air conditioners are also ISO9001 and ISO14001

compliant which means the products undergo rigorous

compliance processes so you can be sure you are buying the best possible quality. At LG we understand the part air conditioning plays in bringing comfort to the home and as such we strive to create exceptional products that exceed our customer's expectations.



LG Electronics Maintains Global No. 1 Position

– Its Paradigm Shifting Strategy Unveiled –

LG Electronics (LGE), one of the top air conditioner makers, disclosed recently that the company has sold more than 19 million units worldwide for three consecutive years and has achieved the No.1 position for seven consecutive years.

Fuji-Ketair, a well-known market research company in Japan, recently reported that LGE has recorded a total sales volume of 12 million units in 2006. LGE has made this outstanding achievement in the unfavorable environment of continuing high oil prices, increasing raw material prices, slow growth in Europe and China, and severe competition from rapidly growing

2 Intelligent Design

Each LG air conditioner has been designed with the latest technologies to ensure optimum comfort. Advancements in inverter technology mean our air conditioners are energy efficient & reliable & easy to install.



But air conditioners aren't just about technology. The air conditioner is a fixture in the home and its appearance is just as important as a piece of furniture. That's why our new Ducted System line up incorporates functionality with design. The Deluxe Wired Remote Controller comes in a sleek, modern design to suit the walls of even the most stylish homes and it has a backlight touchscreen panel for user friendly operation.

3 Air Conditioning for Everyone

Over many years of development, the range of LG air conditioners has continued to grow. We have taken all we've learnt in the residential market and applied it to the commercial market. So not only do we provide air conditioned comfort in the home, we also produce air conditioning systems to suit office blocks and other commercial structures. From portable air conditioners to large VRF systems, LG has an Air Conditioner For Everyone.

Enjoy the Art of Control

Deluxe Wall Controller

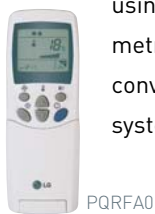
LG's Deluxe Backlight wired Remote Controller is designed to suit high end interior decoration. The touchscreen enables users to control their air conditioner with the utmost style and comfort. It even has a backlight so you can see the controller in the dark.

- 1 LCD backlight screen
- 2 Easy touch screen panel
- 3 Modern & luxurious design



RF (Radio Frequency) Remote Controller

The RF Remote Controller provides complete freedom to operate the Ducted System from various locations. By using radio frequency, LG has eliminated the need for wires and has enabled communication up to 20 metres away from the indoor unit, even through walls and floors. The controller allows you to conveniently turn on/off the unit and adjust temperature and fan speed. It can easily be added to the system during installation and works in conjunction with the wire and infra-red controllers.



Standard Wall Control

The operator can set an On/Off reservation of the air conditioner 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



Why Buy LG Air Conditioners?

Inverter Technology

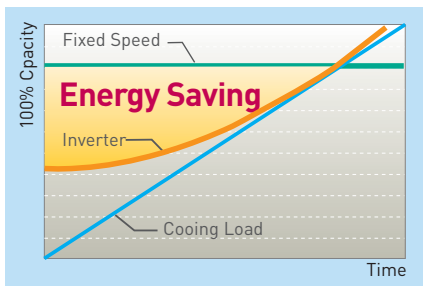
With the advancement of inverter technology comes more quiet, economical and powerful air conditioning systems.

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 to maintain the desired temperature. An inverter compressor will adjust its capacity to maintain a consistent temperature.

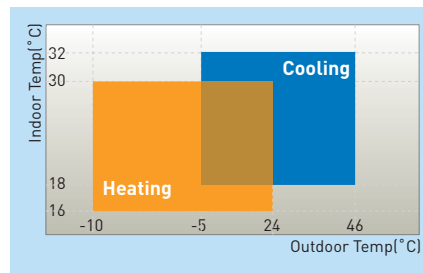
More Economical

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.



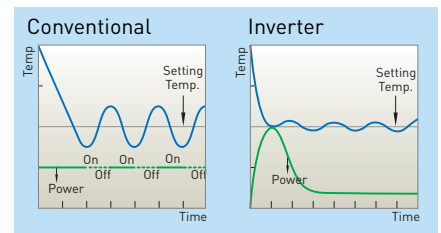
More Powerful

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 brings you comfort sooner.



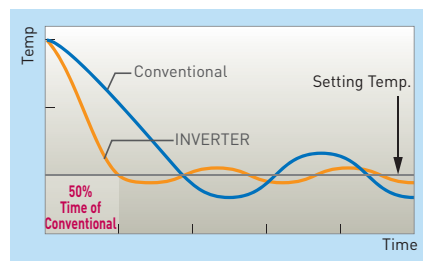
More Comfortable

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 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.



Additional Features

Anti Corrosion Gold Fin™

LG's 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. Gold Fin™ technology is a perfect solution for Australian outdoor conditions.



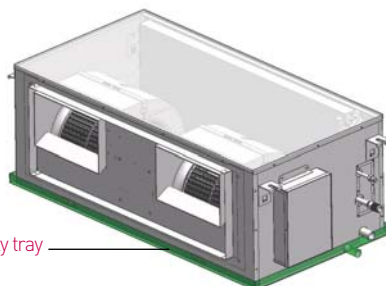
Salt Spray Test for 15 Days



(Test Standard: ASTM B-117, KS D9502)

Evaporate safety tray *

To prevent any potential damage caused by moisture, LG air conditioners have a built in auxiliary Safety Tray.



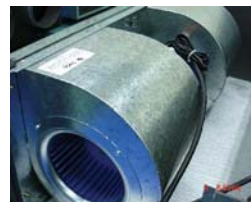
Integrated external safety tray

Wide Operation Temperature

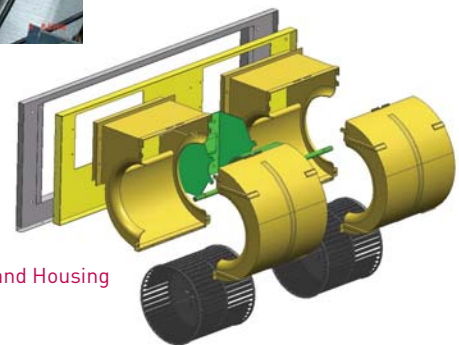
With enhanced technology, LG develops inverter products that can operate in a wide temperature range—the air conditioners can cool effectively with the outdoor temperature of 46°C and heat your room even when it is -10°C outside whereas normal fixed speed products will heat down to -5°C.

Quiet Operation & Easy Servicing

A lightweight plastic blower and housing makes air conditioning operation quiet and backup servicing more convenient. The new fan housing can be easily dismantled for convenient servicing and maintenance. The fan motor can be removed without the need to remove the complete fan direct assembly.



conventional



LG Fan and Housing

Central Controller (optional)

LG air conditioning units come with advanced control options including the Central Controller. Designed for commercial applications with multiple air conditioning units, Central Controller can control up to 256 air conditioning units.



Ducted Split System

10.30~18.00 kW

B36AWYN660
B36AWYUE60

B62UWYN880
B62UWYUY80



8.28~13.00 kW

FIXED SPEED

B30AHYN660
B30AHYUE60

B36AHYN660
B36AHYUH60

B42AHYN680
B42AHYU380



Feature

- Anti Corrosion Gold Fin • Weekly Program • Child Lock Function
- Twin Thermistor Control • Evaporate safety tray (Exclusion B62UWY)
- Auto Restart • LCD Deluxe Wall Controller_PQRCUDS0 (Option)
- Standard Wall Controller_PDRCUSZ0 (Option)
- RF Controller_PQRFA0 (Option) • Group Control (Option)
- Central Controller (Option)

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Specification



Type	Inverter			Non Inverter		
Model	Indoor Outdoor	B36AWYN660 B36AWYUE60	B62UWYN880 B62UWYUY80	B30AHYN660 B30AHYUE60	B36AHYN660 B36AHYUH60	B42AHYN680 B42AHYU380
Capacity						
Cooling (Min/Rated/Max)	(kW)	4.10-10.30-11.85	10.80-18.00-20.00	8.28	9.90	13.00
Heating (Min/Rated/Max)	(kW)	4.40-11.00-12.10	12.00-21.00-22.40	8.40	10.90	13.50
Electrical						
Voltage.Frequency/Phase	(V.Hz /ø)	220-240, 50/1	380-415, 50/3	220-240, 50/1	220-240, 50/1	380-415, 50/3
Power Consumption (Min/Rated/Max)	(kW)	1.44-3.60-4.14	3.20-6.10-7.10	3.15	3.76	4.50
Heating (Min/Rated/Max)	(kW)	1.44-3.60-3.96	3.80-7.20-7.80	2.85	3.50	4.35
Running Current (Rated)	Cooling (A)	16	10.4	13.5	17.0	7.3
Heating (A)	16	12.0	12.5	15.0	7.0	
Performance						
EER	Cooling (W/W)	2.86	2.95	2.63	2.63	2.89
COP	Heating (W/W)	3.06	2.92	2.95	3.11	3.10
Static Pressure	(External) mmAq(Pa)	130	150	130	130	130
Air Volume	Indoor(H/M/L) (l/sec)	633 / 533 / 433	1000 / 917 / 833	533 / 433 / 333	633 / 533 / 433	766 / 633 / 500
Outdoor (l/sec)	533 x 2	1583	533 x 2	883 x 2	1000 x 2	
Moisture Removal	(l/hr)	3	5.14	2.06	2.14	4.55
Noise Level (Sound Pressure 1.0m)	Indoor(H/M/L) (dB(A)±3)	45 / 43 / 41	50 / 49 / 47	44 / 41 / 39	45 / 43 / 41	47 / 45 / 42
Outdoor (dB(A)±3)	57	57	56	55	57	
Refrigerant	Type (g)	R410A [2600]	R410A [6700]	R410A [2700]	R410A [2600]	R410A [3500]
Operating range (outdoor)	Cooling (°C)	-10-46	-10-46	21-46	21-46	21-46
Heating (°C)	-10-24	-10-24	-10-24	-5-24	-5-24	
Installation & Stuffing						
Net Dimensions	Indoor WxHxD (mm)	1020 x 400 x 540	1562 x 460 x 688	1020 x 400 x 540	1020 x 400 x 540	1020 x 400 x 540
Outdoor WxHxD (mm)	870 x 1060 x 320	806 x 1555 x 730	870 x 1060 x 320	900 x 1220 x 370	950 x 1380 x 330	
Net Weight	Indoor/Outdoor (Kg)	43 / 80	90 / 150	42 / 80	43 / 98	43 / 105
Service Valve	Liquid (mm)	6.35	9.52	6.35	6.35	9.52
Gas (mm)	15.88	19.05	15.88	15.88	19.05	
Drain Connection Pipe	Out diameter (mm)	25.4	25.4	25.4	25.4	25.4
Supply air spigot	width x height (mm)	840 x 287	1120 x 290	840 x 287	840 x 287	840 x 287
Return air spigot	width x height (mm)	882 x 315	1396 x 391	882 x 315	882 x 315	882 x 315
Pre-refrigerant charge	(m)	15	15	15	15	15
Max. Elevation	Outdoor-Indoor (m)	30	30	30	30	30
Max. InterunitPiping Length	Outdoor-Indoor (m)	50	50	50	50	50

*Notes:Design and specifications are subject to change without prior notice for product improvement.



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