

2000~2005

Global No.1



Life's Good



Inverter

ART COOL

Artcool uses state-of-the art technology to assure customer satisfaction.

<http://www.lge.com>

ART COOL



Top - notch technology helped by innovative designs

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



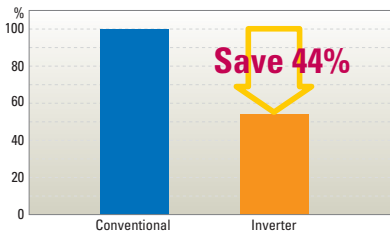
Inverter Technology

LG's inverter technology ensures optimum operation for high-energy efficiency.



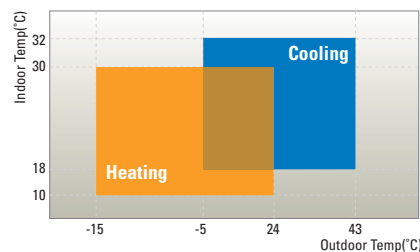
Energy Saving

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.



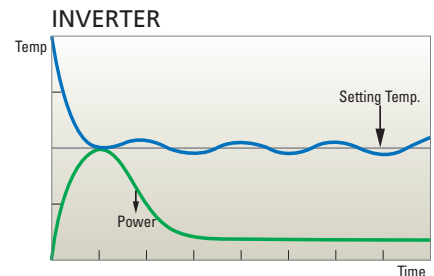
Powerful Heating Capacity

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 -15°C by Inverter technology.



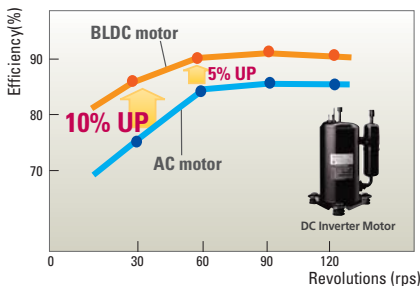
Pleasant Feeling

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



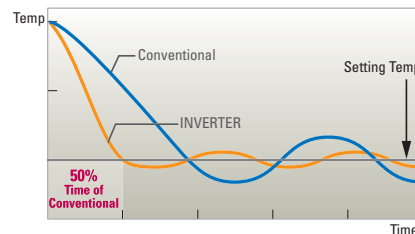
DC Inverter Compressor

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



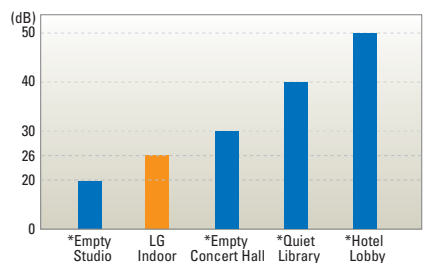
Quick Cooling & Heating

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



Quiet Operation

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



Economical 1

High energy efficiency ensures a much more economical system

Powerful 2

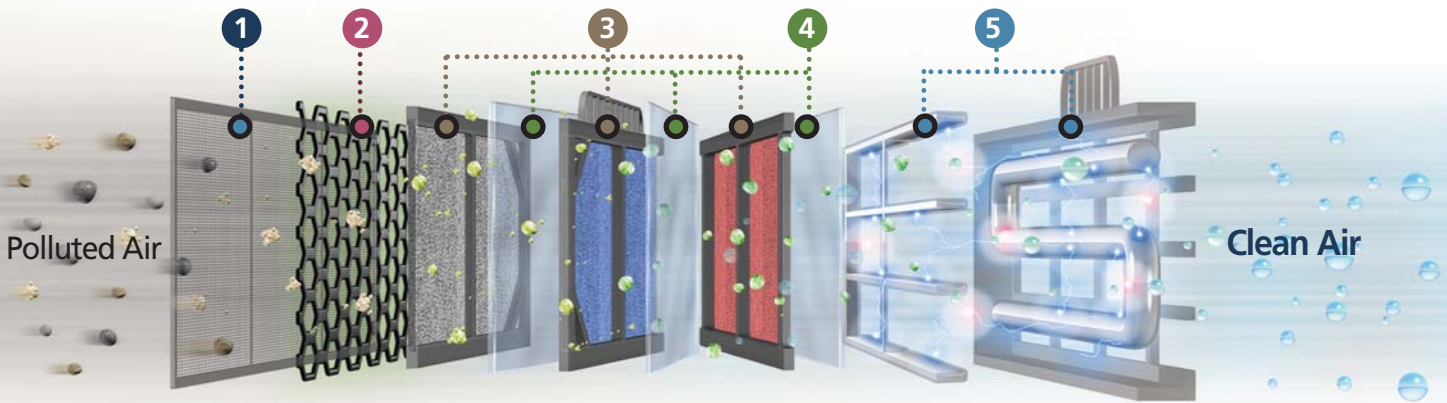
Ensures rapid cooling in summer and rapid heating in winter

Comfortable 3

Attains and maintains set temperature fast with minimal noise

Core Technology

Symbolizes your desire to infuse beauty in your personal space



NEO-Plasma Air Purifying System

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

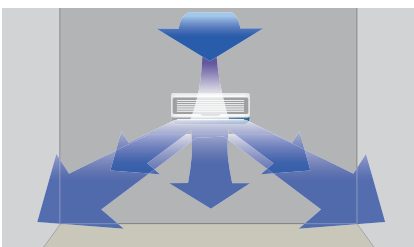
1. Pre Filter
2. Nano Carbon Filter
3. Triple Filter
4. Nano Bio Fusion Filter
5. Plasma Filter

Sophisticated Design

Once you own an air conditioner, you can no longer replace it. Therefore, you need a modern and simply designed air conditioner to befit your uncompromising style and match your interior. LG ARTCOOL's sophisticated design will truly exceed your expectations.

Four - Way Auto Swing

The LG air conditioning units can now automatically distribute the air 4 ways. This effectively eliminates hot and cold patches, keeping the room at a more stable temperature.



Auto Clean

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



1 STEP

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

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



2 STEP

Removes moulds through the Neo Plasma system.

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

Anti Corrosion Gold Fin™

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

Salt Spray Test for 15 Days



After 15 Days

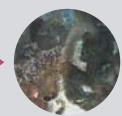


Gold Coated Aluminum

LG Gold Fin™ Corrosion Free



After 15 Days



Uncoated Aluminum

Conventional Starting to corrode

Line-up

The comfort devoted to enriching your life



SILVER N09AWV N12AWV



MIRROR N09AWR N12AWR



BLUE N09AWB N12AWB



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

Specifications

Models	INDOOR UNIT		N09AW* NEO	N12AW* NEO
	OUTDOOR UNIT		N09AW* UEO	N12AW* UEO
Cooling Capacity	W		2,520	3,510
	Btu/hr		8,600	12,000
Heating Capacity	W		3,400	4,570
	Btu/hr		11,600	15,600
Input	Cooling / Heating	W	600 / 810	1090 / 1260
Running Current	Cooling / Heating	A	2.8 / 3.7	5.0 / 5.5
Power Supply		ø,V, Hz	1,220~240,50	1,220~240,50
E.E.R	Cooling	W/W	4.2	3.22
		Btu/hrW	14.3	11.01
C.O.P	Heating	W/W	4.2	3.63
		Btu/hrW	14.3	12.38
ENERGY Efficiency Class	Cooling / Heating		A / A	A / A
Noise Level (Sound Press,1m)	Indoor(H/M/L/Sleep)	dB(A)±3	31 / 27 / 22 / 20	37 / 27 / 22 / 20
	Outdoor, Max	dB(A)±3	45	45
Air Flow	Indoor, Max	m ³ /min(CFM)	10.5(371)	10.5(371)
	Outdoor, Max	m ³ /min(CFM)	27(954)	27(954)
Dehumidification Rate		l/h	1.2	1.5
Refrigerant charge(R410a)		g	1000	1000
SVC Valve	Liquid	mm(inch)	6.35(1/4)	6.34(1/4)
	Gas	mm(inch)	9.52(3/8)	9.52(3/8)
Dimensions (W*H*D)	Indoor	mm	915x282x165	915x282x165
	Outdoor	mm	770x545x245	770x545x245
Net Weight	Indoor	kg(lbs)	10(22)	10(22)
	Outdoor	kg(lbs)	32(71)	32(71)
Stuffing Quantity	With S/Parts	20/40ft	98 / 210	98 / 210
	Without S/Parts	20/40ft	99 / 213	99 / 213

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



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