

Specifications



Model	INDOOR UNIT OUTDOOR UNIT	A09AW1 ^{NFO}	A12AW1 ^{NFO}	C09AW* ^{NEO}	C12AW* ^{NEO}	C18AW* ^{N33}	C24AW* ^{N33}	A09AW* ^{NF1}	A12AW* ^{NF1}
		A09AWU ^{UFO}	A12AWU ^{UFO}	C09AWU ^{UEO}	C12AWU ^{UEO}	C18AWU ^{U33}	C24AWU ^{U33}	A09AWU ^{UF1}	A12AWU ^{UF1}
Cooling Capacity	W	2,700	3,500	2,630	3,510	5,270	7,030	2,700	3,500
	Btu/hr	9,210	11,940	9,000	12,000	18,000	24,000	9,210	11,940
Heating Capacity	W	3,500	4,200	3,600	4,570	6,070	7,950	3,500	4,200
	Btu/hr	11,942	14,330	12,300	15,600	20,700	27,120	11,942	14,330
Input	Cooling	W	830	1,090	650	1,090	1,630	2,600	830
	Heating	W	960	1,160	870	1,260	1,890	2,800	960
Running Current	Cooling	A	3.8	4.9	3.0	4.8	7.5	11.5	3.8
	Heating	A	4.4	5.2	4.0	5.7	8.5	12.5	4.4
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	1,220-240,50	1,220-240,50	1,220-240,50
	E.E.R	W/W	3.25	3.21	4.05	3.22	3.23	2.70	3.25
C.O.P	Heating	W/W	3.65	3.62	4.14	3.63	3.21	2.84	3.65
	ENERGY Efficiency Class	Cooling/Heating	A/A	A/A	A/A	A/A	A/C	D/D	A/A
Noise Level (SoundPress,1m)	Indoor(H/M/L/Sleep)	dB(A)±3	42/36/23	42/36/23	31/27/22/20	37/27/22/20	40/37/34	43/40/36	42/36/23
	Outdoor, Max	dB(A)±3	48	48	45	45	56	56	48
Air Flow	Indoor, Max	m ³ /min(CFM)	8(283)	10.5(371)	8.5(300)	9.5(335)	14.15(500)	16.64(588)	8(283)
	Outdoor, Max	m ³ /min(CFM)	26(918)	34(1,200)	29(1,024)	29(1,024)	42(1483)	45(1589)	26(918)
Dehumidification Rate	l/h	1.2	1.5	0.6	1.3	2.4	2.4	1.2	
Refrigerant charge(R410a)	g	1,000	1,000	1,000	1,000	1,200	1,490	1,000	
SVC Valve	Liquid	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)	6.35(1/4)	6.35(1/4)
	Gas	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	12.7(1/2)	15.88(5/8)	9.52(3/8)
Dimensions (W*H*D)	Indoor	mm	600x600x146	600x600x146	912x282x165	912x282x165	1170x315x173	1170x315x173	600x600x146
	Outdoor	mm	770x540x245	770x540x245	770x545x245	770x545x245	870x655x320	870x655x320	770x540x245
Net Weight	Indoor	kg(lbs)	14(31)	14(31)	10(22)	10(22)	13(29)	13(29)	14(31)
	Outdoor	kg(lbs)	34(75)	34(75)	32(71)	32(71)	64(141)	64(141)	34(75)
Stuffing Quantity	With S/Parts	20/40ft	87/178	88 / 196	92/185	92/185	62/126	62/126	87/178
	Without S/Parts	20/40ft	88/180	89 / 198	99/207	99/207	63/128	63/128	88/180

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

The Better Heating Solution

Economical, Powerful & Comfortable Heat Pump



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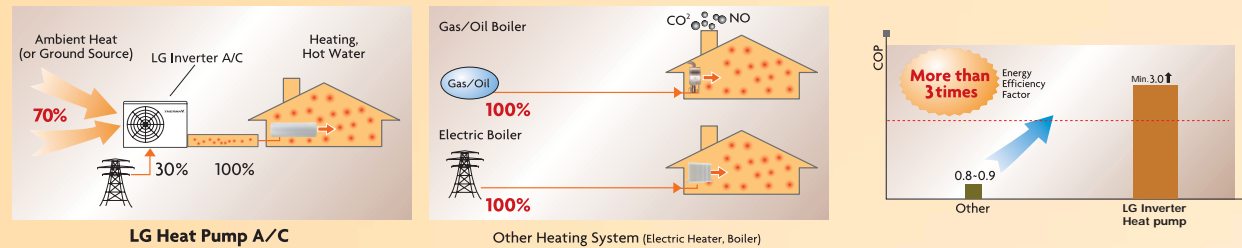
<http://www.lge.com>

More Economical

LG Inverter A/C is 3 times more energy efficient than other heating solution such as boiler and electric heater because it use 70% free ambient energy. And its initial cost including installation cost is much lower than boilers.

Low Running Cost

LG Heat Pump A/C uses free energy in air, and adopts the inverter technology. So, it is far more energy-efficient compared to other heating devices and, thus, is very economical.



LG Inverter A/C, with the application of the same amount of energy, emits more than three times energy, which can be used. This is the strength of the LG Heat Pump A/C to which Inverter technology is applied.

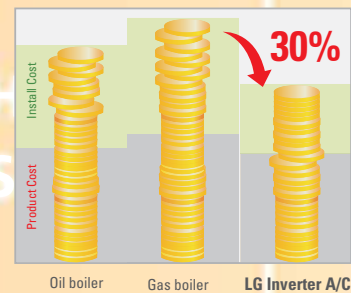
Energy Saving

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.



Lower Initial Costs

LG Inverter A/C doesn't need additional water piping and radiator purchasing when it is installed. So initial costs including installation is much lower than boilers.

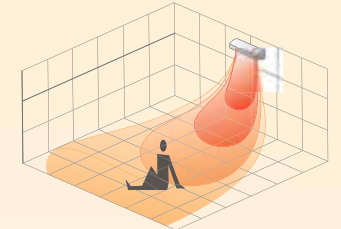
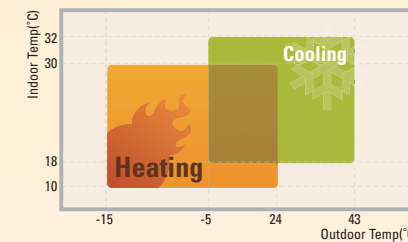


More Powerful

LG Inverter A/C reaches the set temperature faster than boilers and keeps steady of a room temperature by using Inverter technology. Also LG Inverter A/C can purify room air by using NEO-Plasma function as well as provide in quite and pleasant operation by using LG Inverter technology.

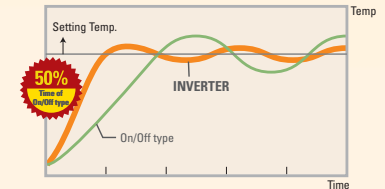
Powerful Heating Capacity

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.



Quick 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.



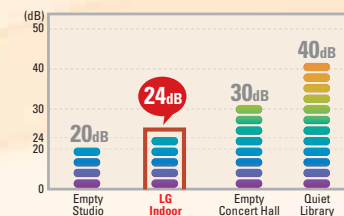
NEO-Plasma Air Purifying System

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



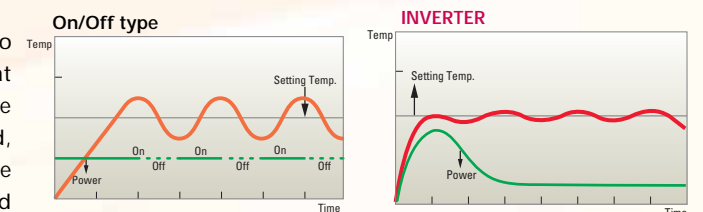
Quiet Operation

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



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.



More comfortable

LG Inverter A/C can provide a solution to the ever-worsening environment due to fossil energy. And it doesn't need additional tank space in your house and additional refueling. And it can be four season solution with cooling in summer and air purifying function in spring and autumn.

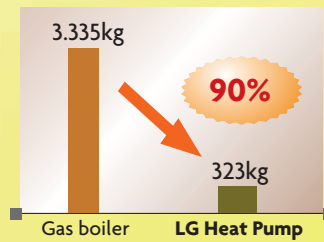
Also, it can be wonderful interior item with stylish design ART COOL.

Ecological Energy

LG Inverter A/C use free ambient energy, so it emits 90% lower CO2 compared to boilers.



CO2 Emission



Safe & Convenient System

LG Inverter A/C use electric power so you can easily turn on & off by using remote controller as well as doesn't need to put oil or gas tank which look ugly and dangerous in your house.



Oil tank



Gas tank



Need to refuel

vs.



Four Season Solution



LG Inverter A/C give not only cooling solution in summer but also air-purifying solution or even heating solution in spring and autumn.

Heating

Wonderful Interior Design

LG Inverter ART COOL is designed for stylish & modern concept and it is wonderful match to make your room to look more valuable. And you will be free from ugly radiator and boiler piping.



vs.



Q & A

1

Q Can I use air conditioner as a heating solution in winter season?

Yes, you are able to use air conditioner as a heater.

2

Q How come air conditioner is the better heating solution?

- Air conditioner has high level CoP (Co efficiency of Performance) than any other heating device.
- If you feel cold, air conditioner can give you faster heating than others. And you are able to control room temperature easily with remote controller.

3

Q Does air conditioner's cost a lot when I use it for heating device?

When you use Inverter air conditioner, you can save money by 50% against on/off type. Moreover, electricity cost is comparatively much lower than gas and oil.

4

Q Isn't air conditioner noisy at night ?

LG air conditioner has sleep mode function(20dB) for your comfortable and cozy sleeping. (ARTCOOL_C09AW model)

5

Q Isn't air conditioner harmful for health ?

No, LG's neo-plasma system removes various dusts and odors at home for your family's health.

ART COOL



C09AW* NE2 / C12AW* NE2

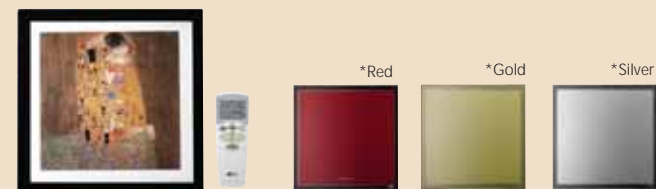


C18AW* N81



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

A09AW1 NF2 / A12AW1 NF2(A09AW* NF1 / A12AW* NF1)



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

WALL MOUNTED TYPE



S09AA NA0 / S12AA NA0 **KLEBIO**



S09AW NEO / S12AW NEO



S18AW N52 / S24AW N52



S09AM N41G / S12AM N41G



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