

ARTCOOL inverter

LG is proud to introduce the ARTCOOL gallery series.

It boasts an unprecedented feature which allows you to use the front panel as a picture frame. Along with its simple but sleek design, ARTCOOL uses state-of-the-art technology assuring customer satisfaction

Changeable Colour Panel

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

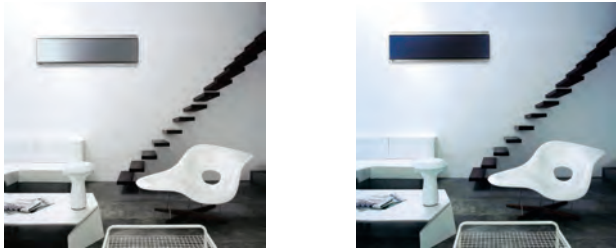


Photo Changeable

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 what you want, when you want to.



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



Digital Air Flow Control

The air flow can be controlled to ensure that maximum comfort and convenience is realised. 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

3 - Dimensional Air Flow

Designed like a work of art, with the new concept of 3 dimensional air flow. It gives even cooling from the front and both sides.



ARTCOOL inverter gallery

A09AW1 NF2 A12AW1 NF2

- NEO Plasma Air Purifying System
- Anti Corrosion Gold Fin
- Auto Cleaning
- Photo Changeable
- 3-Dimensional Air Flow
- Ez Remote Controller



New



Klumt, Gustav (1862-1918)
The Kiss-Der Kuss



Specification

Model	Indoor Unit	Outdoor Unit	A09AW1 NF2 A09AWU UF2	A12AW1 NF2 A12AWU UF2
Cooling Capacity	(Min/Rating/Max)	W	1,300 / 2,700 / 3,500	1,300 / 3,500 / 4,000
		Btu/hr	4,436 / 9,210 / 11,942	4,436 / 11,940 / 13,648
Heating Capacity	(Min/Rating/Max)	W	1,300 / 3,500 / 4,200	1,300 / 4,200 / 5,000
		Btu/hr	4,436 / 11,940 / 14,330	4,436 / 14,330 / 17,060
Input	Cooling	W	830	1,090
	Heating	W	960	1,160
Running Current	Cooling	A	3.8	4.9
	Heating	A	4.4	5.2
Power Supply		ø,V, Hz	1,220-240,50	1,220-240,50
E.E.R	Cooling	W/W	3.25	3.21
		Btu/hrW	11.10	10.95
C.O.P	Heating	W/W	3.65	3.62
ENERGY Efficiency Class	Cooling/Heating		A/A	A/A
Noise Level (SoundPress,1m)	Indoor(H/M/L/Sleep)	dB(A) ±3	35/29/25/22	39/32/25/23
	Outdoor, Max	dB(A) ±3	48	48
Air Flow	Indoor, Max	m³/min(CFM)	8(283)	9.5(335)
	Outdoor, Max	m³/min(CFM)	26(918)	34(1,200)
Dehumidification Rate		l/h	1.2	1.5
Refrigerant charge(R410a)		g	1,000	1,000
SVC Valve	Liquid	mm(inch)	6.35(1/4)	6.35(1/4)
	Gas	mm(inch)	9.52(3/8)	9.52(3/8)
Dimensions (W*H*D)	Indoor	mm	600x600x146	600x600x146
	Outdoor	mm	770x545x245	770x545x245
Net Weight	Indoor	kg(lbs)	15(33)	15(33)
	Outdoor	kg(lbs)	32(71)	32(71)
Fuze Size Amps			10A	10A



IF Design Award Good Design Award



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

2.6~3.5kW

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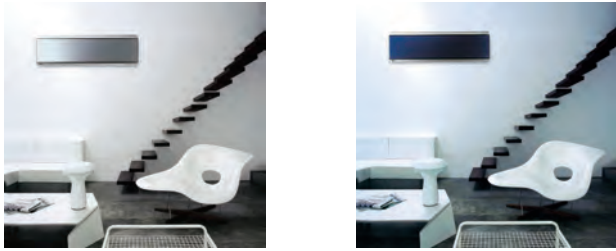


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Jet Cool
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3 - Dimensional Air Flow

Designed like a work of art, with the new concept of 3 dimensional air flow. It gives even cooling from the front and both sides.



ARTCOOL inverter mirror

LG ART COOL will certainly enhance your space. World-recognised refined designs will catch your attention. Fill your space with ART COOL's pleasantly cool breeze and upscale designs.

C09AW* NE2 C12AW* NE2

- NEO Plasma Air Purifying System
- Anti Corrosion Gold Fin
- Auto Cleaning
- Changeable Colour Panel
- Auto Changeover
- Ez Remote Controller



*Mirror

C09 / 12 AWR



Specification

Model	Indoor Unit	Outdoor Unit	C09AW* NE2 C09AWU UE2	C12AW* NE2 C12AWU UE2
Cooling Capacity	(Min/Rating/Max)	W	890 / 2,630 / 3,699	890 / 3,510 / 4,044
		Btu/hr	3,070 / 9,000 / 12,620	3,070 / 12,000 / 13,800
Heating Capacity	(Min/Rating/Max)	W	890 / 3,600 / 5,000	890 / 4,570 / 5,486
		Btu/hr	3,070 / 12,300 / 17,060	3,070 / 15,600 / 18,720
Input	Cooling	W	650	1090
	Heating	W	870	1260
Running Current	Cooling	A	3.0	4.8
	Heating	A	4.0	5.7
Power Supply		ø,V, Hz	1,220-240,50	1,220-240,50
E.E.R	Cooling	W/W	4.05	3.22
		Btu/hrW	13.85	11.01
C.O.P	Heating	W/W	4.14	3.63
ENERGY Efficiency Class	Cooling/Heating		A/A	A/A
Noise Level (SoundPress,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)	6.35(1/4)
	Gas	mm(inch)	9.52(3/8)	9.52(3/8)
Dimensions (W*H*D)	Indoor	mm	912x282x165	912x282x165
	Outdoor	mm	770x545x245	770x545x245
Net Weight	Indoor	kg(lbs)	10(22)	10(22)
	Outdoor	kg(lbs)	32(71)	32(71)
Fuze Size Amps			10A	10A



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2.6~3.5kW



ARTCOOL inverter mirror

C18AW* N81
C24AW* N81



- NEO Plasma Air Purifying System
- Anti Corrosion Gold Fin
- Auto Cleaning
- Changeable Colour Panel
- Auto Changeover
- Ez Remote Controller



Specification

Model	Indoor Unit	Outdoor Unit	C18AW* N81 C18AWU U81	C24AW* N81 C24AWU U81
Cooling Capacity	(Min/Rating/Max)	W	1,760 / 5,280 / 5,800	3,870 / 7,030 / 7,740
		Btu/hr	6,000 / 18,000 / 19,800	13,200 / 24,000 / 26,400
Heating Capacity	(Min/Rating/Max)	W	1,400 / 6,070 / 6,650	3,370 / 8,440 / 8,880
		Btu/hr	4,800 / 20,700 / 22,700	11,500 / 28,800 / 30,300
Input	Cooling	W	1,640	2450
	Heating	W	1,770	2900
Running Current	Cooling	A	7.3	11
	Heating	A	8.3	13
Power Supply		e,V, Hz	1,220-240,50	1,220-240,50
E.E.R	Cooling	W/W	3.22	2.87
		Btu/hrW	10.98	9.8
C.O.P	Heating	W/W	3.43	2.91
		W/W	3.43	2.91
ENERGY Efficiency Class		Cooling/Heating	A/B	C/D
Noise Level (SoundPress,1m)	Indoor(H/M/L/Sleep)	dB(A) ±3	42/39/36/34	43/40/36/34
	Outdoor, Max	dB(A) ±3	54	55
Air Flow	Indoor, Max	m³/min(CFM)	16(565)	20.3(717)
	Outdoor, Max	m³/min(CFM)	42(1483)	58(2048)
Dehumidification Rate		l/h	2.1	2.7
Refrigerant charge(R410a)		g	1200	1800
SVC Valve	Liquid	mm(inch)	6.35(1/4)	9.52(3/8)
	Gas	mm(inch)	12.7(1/2)	15.88(5/8)
Dimensions (W*H*D)	Indoor	mm	1,170x299x200	1107x299x200
	Outdoor	mm	870x655x320	870x800x320
Net Weight	Indoor	kg(lbs)	14.1(31.09)	14.1(31.09)
	Outdoor	kg(lbs)	46(101)	60(132)
Fuze Size Amps			10A	16A



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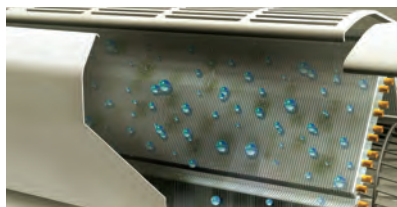
wall mounted

The most comfortable airflow for the human body can be found in nature. After countless analysis, LG has applied the scientific Chaos theory to its Air Conditioning range, which effectively produces a natural, fresh breeze. The Chaos theory is a technology that recreates the flow of natural air by controlling the angle speed of the movement of the air vane. Chaos Swing technology also minimizes the temperature difference between high and low places in the room, creating a more comfortable and cooler environment.

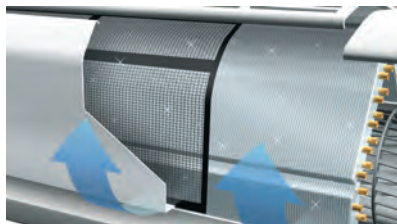
Auto Clean

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.

Conventional



LG Auto Clean



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.

Easy Quick Clean System

LG Split Systems are designed with simple cleaning in mind. The grille is completely detachable and access is made simple with the upward opening cover panel.

1 Ez-Detachable Grille



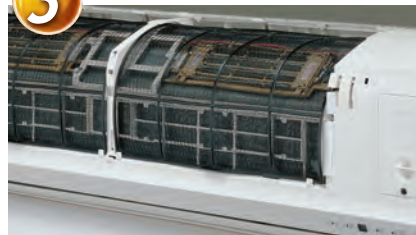
All that needs to be cleaned can be removed. Now, it is much easier to clean your air conditioner.

2 Ez-Cleaning Filter



Filters must be kept clean at all times to ensure optimum operation but previously were difficult to open and clean. The LG Ez-Cleaning Filter is designed for easy handling and cleaning.

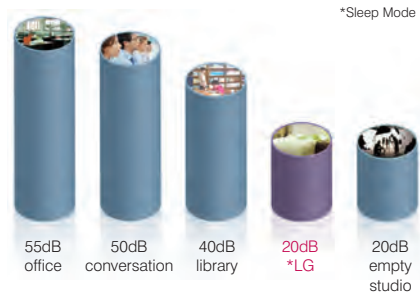
3 Auto Clean Operation



Moisture in the evaporator can increase the presence of germs and fungi. The Auto Clean Operation can reduce moisture for a fresh, soft, and dry condition.

Quiet Operation

The indoor unit has a quiet operational noise of 26dB in the sleep mode to offer you peace and quiet for the bedroom or office. In addition, the outdoor units have drastically reduced vibration and noise thanks to a super quiet fan and motor and an innovative anti noise mechanism.



1. Less noise with a three-layer, anti-noise mechanism

The anti noise mechanism blocks the noise from the fan and motor.

2. No-grille front panel

The full face panel reduces noise from the evaporator.

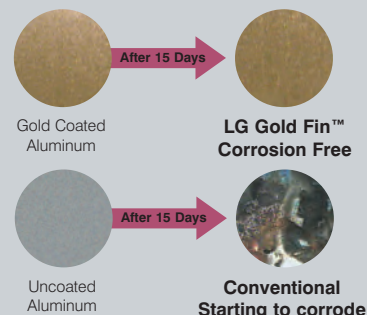
3. Conveniently attaches to the wall

The double-tubing cover addresses space problems between the wall and the air conditioner.

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



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



wall mounted

Healthy Dehumidification

Dehumidification mode reduces uncomfortable humidity from the room without over cooling.

Indoor Temperature Distribution Chart



Conventional

Since the surrounding temperature is measured after the air from the unit is widely distributed, an accurate assessment of the air is not possible.

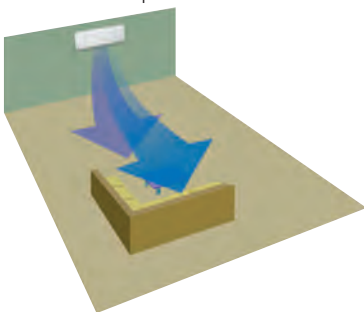


LG Healthy Dehumidification

By increasing the Vane Angle, a better assessment of the actual temperature is possible to prevent over cooling.

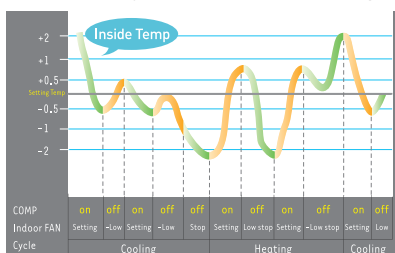
Jet Cool™

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.



Auto Changeover

With heat pump model, cooling and heating operation is changed automatically on the base of setting temp.



- Initial Setting Temp: 18°C Memorize final setting temp.

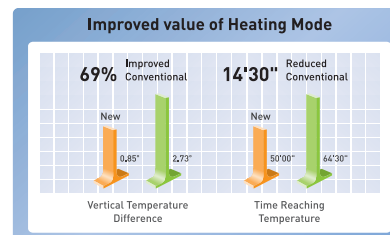
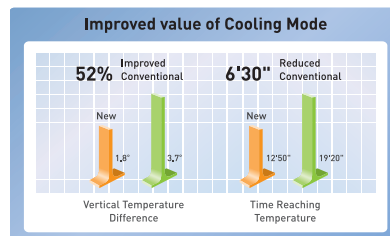
Optimized Cooling & Heating Air Flow

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.



Even & Fast Air flow

LG Electronics' air conditioner improves the difference between high and low indoor temperatures. It allows you to reach your desired temperatures even faster.



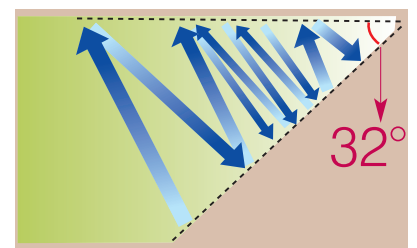
Hot Start Function

During starting of the unit in the heating mode it prevents cold air blowing from the unit. It starts the indoor fan only after indoor unit pipe temperature reaches a preset value (28°C). When indoor unit pipe temperature reaches 28°C, then for initial 1 minute the indoor fan runs at a low speed and after that at the setting speed.

New Chaos Swing

The most comfortable airflow for the human body can be found in nature. After analysis, LG has applied the scientific Chaos theory to its air conditioners to effectively reproduce a natural breeze.

The Chaos technology recreates the flow of natural air by controlling the angle speed and movement of the air vane. It also minimizes the temperature difference between high and low areas in the room, creating a more comfortably conditioned environment.



It swings with random angle speed (0ms~12ms) to reproduce a natural breeze

Auto Swing

Most LG air conditioners automatically distribute the air to eliminate hot and cold patches to keep the room at a more constant temperature.



Auto Restart Function

In case of a sudden power failure, It automatically sets the A/C to settings before the power failure when power returns.

Sleep Mode

With one touch of the Sleep mode button, it automatically programs the Air Conditioning Unit to turn off, controls the fan speed and adjusts the set temperature for a more comfortable sleep.

wall mounted inverter

S09AW NEO / S12AW NEO S18AW N52 / S24AW N52

- NEO Plasma Air Purifying System
- Anti Corrosion Gold Fin
- Auto Cleaning
- Auto Changeover
- Wireless Remote Controller



wall mounted inverter

Specification

Model	Indoor Unit Outdoor Unit		S09AW NEO S09AW UE0	S12AW NEO S12AW UE0	S18AW N52 S18AW U52	S24AW N52 S24AW U52
Cooling Capacity	(Min/Rating/Max)	W	890 / 2,630 / 3,699	890 / 3,510 / 4,044	1,760 / 5,280 / 5,800	3,870 / 7,030 / 7,473
		Btu/hr	3,070 / 9,000 / 12,620	3,070 / 12,000 / 13,800	6,000 / 18,000 / 19,800	13,200 / 24,000 / 25,500
Heating Capacity	(Min/Rating/Max)	W	890 / 3,600 / 5,000	890 / 4,570 / 5,486	1,400 / 6,070 / 6,650	3,605 / 8,080 / 8,407
		Btu/hr	3,070 / 12,300 / 17,060	3,070 / 15,600 / 18,720	4,800 / 20,700 / 22,700	12,300 / 27,570 / 29,700
Input	Cooling	W	650	1090	1640	2500
	Heating	W	870	1260	1770	2880
Running Current	Cooling	A	3.0	4.8	7.3	11.0
	Heating	A	4.0	5.7	8.3	13.0
Power Supply		φ,V, Hz	1,220-240,50	1,220-240,50	1,220-240,50	1,220-240,50
E.E.R	Cooling	W/W	4.05	3.23	3.22	2.81
		Btu/hrW	13.85	11.01	10.98	9.60
C.O.P	Heating	W/W	4.14	3.63	3.43	2.81
ENERGY Efficiency Class	Cooling/Heating		A/A	A/A	A/B	C/D
Noise Level (SoundPress,1m)	Indoor(H/M/L/Sleep)	dB(A)±3	31/27/22/20	37/27/22/20	42/39/36/34	44/41/37/35
	Outdoor, Max	dB(A)±3	45	45	55	56
Air Flow	Indoor, Max	m³/min(CFM)	8.5(300)	9.5(335)	16(565)	18(636)
	Outdoor, Max	m³/min(CFM)	29(1,024)	29(1,024)	42(1483)	58(966)
Dehumidification Rate		l/h	1.2	1.5	2.1	2.7
Refrigerant charge(R410a)		g	1000	1000	1200	1800
SVC Valve	Liquid	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	9.52(3/8)
	Gas	mm(inch)	9.52(3/8)	9.52(3/8)	12.7(1/2)	15.88(5/8)
Dimensions (W*H*D)	Indoor	mm	895x282x165	895x282x165	1090x300x178	1090x300x178
	Outdoor	mm	770x545x245	770x545x245	870x655x320	870x800x320
Net Weight	Indoor	kg(lbs)	8(17.6)	8(17.6)	13(29)	13(29)
	Outdoor	kg(lbs)	32(71)	32(71)	46(101)	60(132)
Fuze Size Amps			10A	10A	10A	16A



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wall mounted inverter

S30AW ND0 S36AW ND0

- NEO Plasma Air Purifying System
- Anti Corrosion Gold Fin
- Auto Cleaning
- Auto Changeover
- Wireless Remote Controller



Specification

Model	Indoor Unit Outdoor Unit		S30AW ND0 S30AW UD0	S36AW ND0 S36AW UD0
Cooling Capacity	(Min/Rating/Max)	W	3,600 / 8,000 / 8,800	4,000 / 9,000 / 9,800
		Btu/hr	12,283 / 27,296 / 30,206	13,684 / 30,708 / 33,438
Heating Capacity	(Min/Rating/Max)	W	5,300 / 9,600 / 10,200	5,600 / 10,400 / 11,000
		Btu/hr	18,084 / 32,775 / 34,802	19,107 / 35,485 / 37,532
Input	Cooling	W	2,650	2,980
	Heating	W	3,180	3,450
Running Current	Cooling	A	12	13.6
	Heating	A	14.5	16.5
Power Supply		ø,V, Hz	1, 220-240, 50	1, 220-240, 50
E.E.R	Cooling	W/W	3.02	3.02
		Btu/hrW	10.30	10.30
C.O.P	Heating	W/W	3.02	3.01
ENERGY Efficiency Class	Cooling/Heating		B/C	B/C
Noise Level (SoundPress,1m)	Indoor(H/M/L/Sleep)	dB(A)±3	46/43/39	47/44/41
	Outdoor, Max	dB(A)±3	54	58
Air Flow	Indoor, Max	m³/min(CFM)	21(350)	25(416)
	Outdoor, Max	m³/min(CFM)	58(966)	68(1133)
Dehumidification Rate		l/h	3.5	4.2
Refrigerant charge(R410a)		g	1,800	2,200
SVC Valve	Liquid	mm(inch)	6.35(1/4)	6.35(1/4)
	Gas	mm(inch)	15.88(5/8)	15.88(5/8)
Dimensions (W*H*D)	Indoor	mm	1,209x346x205	1,209x346x205
	Outdoor	mm	870x800x320	870x1060x320
Net Weight	Indoor	kg(lbs)	18(39.7)	19(41.9)
	Outdoor	kg(lbs)	60(132.3)	75(165.3)
Fuze Size Amps			16A	20A



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