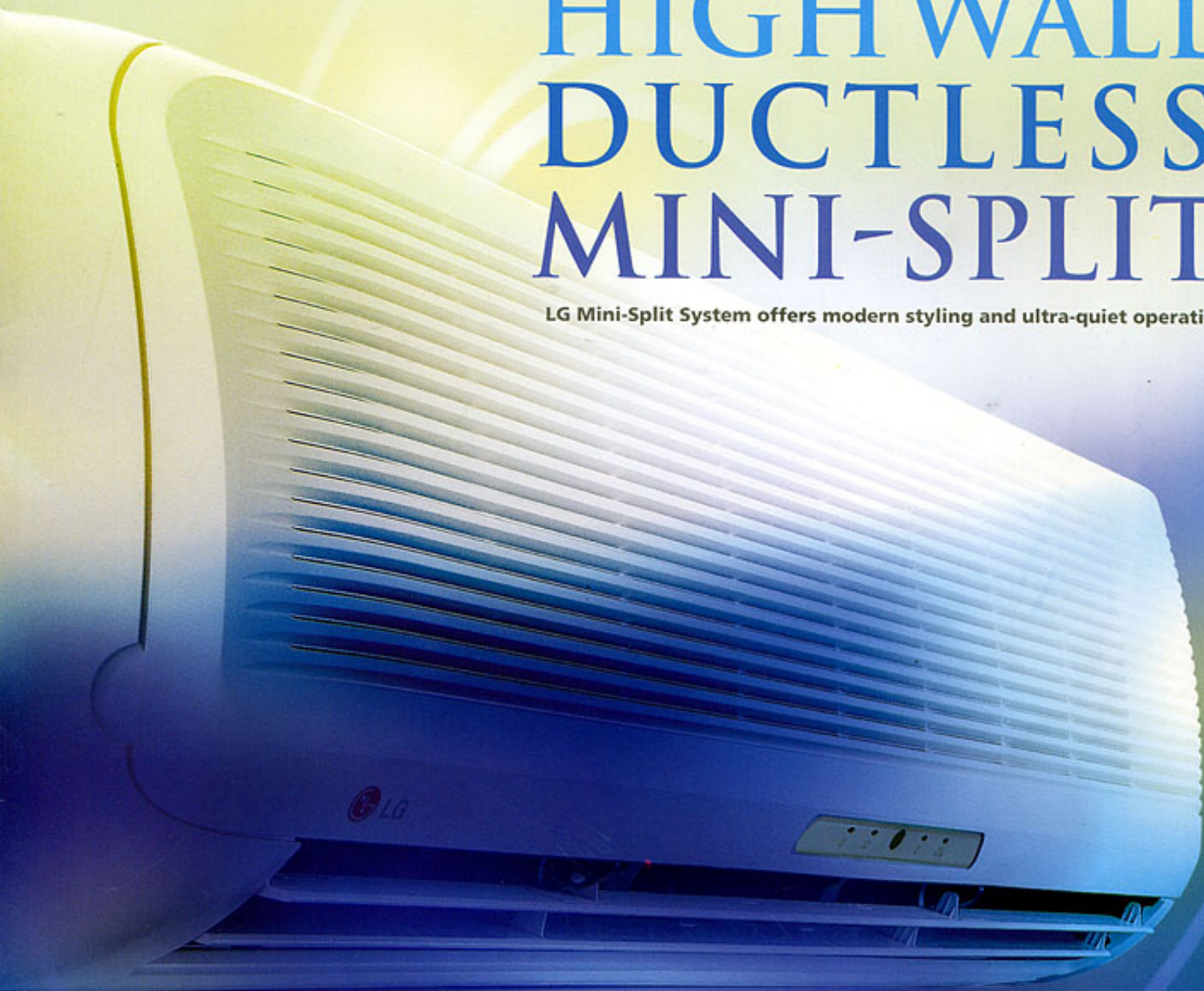


LG Room Air Conditioners

HIGHWALL DUCTLESS MINI-SPLIT

LG Mini-Split System offers modern styling and ultra-quiet operation



LG Mini-Split System offers modern styling and ultra-quiet operation. Thanks to its easy maintenance design, LG provides an excellent value in a high-quality, ductless system.

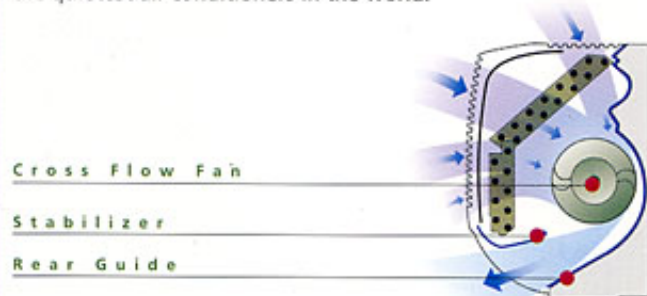
Jet Cool

The Jet cool function allows quick cooling. In this mode, strong, cool air is blown at high speeds for 30 minutes, until the room temperature reaches 18 °C.

Ultra Low Noise Level

To provide a comfortable, pleasant and well balanced environment, LG air conditioners utilize a streamlined air fan and a unique design which sends a smooth air flow from the air conditioner, operating under the lowest noise level.

To reduce noise, utilizing hydraulic engineering we have redesigned the cross flow fan, stabilizer & rear guide, the cause of noise. The new design decreases the number of revolutions while increasing the amount of wind. With the best structure for the air path, the amount of friction is decreased, providing the quietest air conditioners in the world.



Triple Air Purifying Filter

The filtering system utilizes two filters. The electrostatic filter removes fine dust particles as small as 0.01micron such as tobacco smoke and pollen. The deodorizing filter removes unpleasant odors, especially airborne fungi.



- 1 **Anti-fungus filter**
Prevents the breeding of germs such as bacteria and mould harmful to human respiratory tract.
- 2 **Electrostatic filter**
Removes minute dust particles up to 0.01 μ m by electric dust collection method.
- 3 **Deodorizing filter**
Eliminates odors effectively by the application of a high efficiency deodorizing filter.

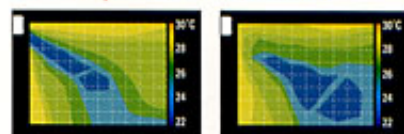
Natural breeze using CHAOS Swing

The most comfortable air flow for the human body can be found within nature. After countless data analysis and verification, LG has applied the new CHAOS theory to it's Air conditioners, which produce a natural, fresh breeze.

The new CHAOS theory is a technology which simulates the flow of natural air by controlling the angle speed of the movement of the vane. Therefore the frequency of CHAOS air flow is comparatively similar to that of natural air flow.

The new technology of CHAOS swing also minimizes the temperature difference between high and low places in the room, creating a more natural, comfortable and cooler environment.

Indoor Temperature Distribution Chart



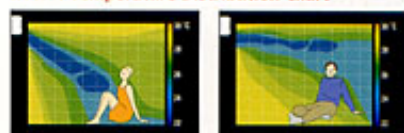
Auto Swing

CHAOS Swing

Healthy Dehumidification

With the use of a newly designed compressor, humidity is eliminated to create a comfortable atmosphere without overcooling the room.

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.

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

Auto Restart

In case of a power failure, this feature automatically sets the A/C to the previous settings before the power failure.

Sleep Mode Auto Control

A touch of the Sleep Mode Button automatically programs the room air conditioner to turn off, controls the indoor fan speed, and adjusts the setting temperature to create a more comfortable sleep.

High Wall Ductless Mini-Split Air Conditioners

Cooling Heating

18,000 - 24,000 BTU

208-230V/60Hz



LS-K1830CL

Cooling Capacity: 17,800/18,000 Btu/h.

LS-K1830HL

Cooling Capacity: 17,800/18,000 Btu/h.
Heating Capacity: 18,700/19,000 Btu/h.

LS-K2430CL

Cooling Capacity: 22,600/23,000 Btu/h.

LS-K2430HL

Cooling Capacity: 22,600/23,000 Btu/h.
Heating Capacity: 22,600/23,000 Btu/h.

- Jet Cool
- Wireless Remote Controller
- Natural Wind By CHAOS Swing
- Sleep Mode Auto Operation
- Auto Operation
- Healthy Dehumidification
- One-Touch Air Filter (Anti-Bacteria)
- Quiet Operation
- 24-Hour ON/OFF Setting Timer
- Auto Restart

12,000 BTU

115V/60Hz



LS-L1210CL

Cooling Capacity: 12,000 Btu/h.

LS-L1210HL

Cooling Capacity: 12,000 Btu/h.
Heating Capacity: 12,000 Btu/h.

- Jet Cool
- Wireless Remote Controller
- Natural Wind By CHAOS Swing
- Sleep Mode Auto Operation
- Auto Operation
- Healthy Dehumidification
- One-Touch Air Filter (Anti-Bacteria)
- Quiet Operation
- 24-Hour ON/OFF Setting Timer
- Auto Restart

9,000 BTU

115V/60Hz



LS-J0910CL ■
Cooling Capacity:9,000Btu/h.

LS-J0910HL ■■
Cooling Capacity:9,000Btu/h.
Heating Capacity:9,000Btu/h.

- Jet Cool
- Wireless Remote Controller
- Natural Wind By CHAOS Swing
- Sleep Mode Auto Operation
- Auto Operation
- Healthy Dehumidification
- One-Touch Air Filter (Anti-Bacteria)
- Quiet Operation
- 24-Hour ON/OFF Setting Timer
- Auto Restart

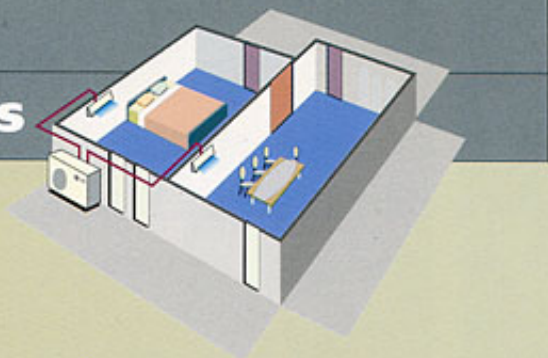
WIRELESS REMOTE CONTROLLER

- | | |
|---|---|
| <ol style="list-style-type: none"> 1 Operation Display
Displays the operating conditions. 2 Jet Cool
Used to start or stop the speed cooling. 3 CHAOS Swing Button
Used to start or stop louver movement and set the desired up/down airflow direction. 4 Indoor Fan Speed Selector
Used to select fan speed in four steps low, medium, high, or CHAOS. 5 Room Temperature Setting Button
Used to set the room temperature. 6 Start/Stop Button
Operation starts when this button is pressed, and stops when pressed again. 7 ON Timer Button
Used to set the time to start. 8 OFF Timer Button
Used to set the time operation to stop. 9 Sleep Mode Auto Button
Used to set Sleep Mode Auto Operation. 10 Time Setting Button
Used to adjust the time. | <ol style="list-style-type: none"> 11 Air Circulation Button
Used to circulate room air without cooling. 12 Timer SET Button
Used to set the timer with the desired time. 13 Timer CANCEL Button
Used to cancel the timer operation. 14 Room Temperature Checking Button
Used to check the room temperature. 15 Operation Mode Selection Button
Used to select the operation mode.
Cooling Operation Mode.
Soft Dry Operation Mode.
Heating Operation.(Heating Model)
Auto Operation. 16 °C/°F Selection Button |
|---|---|



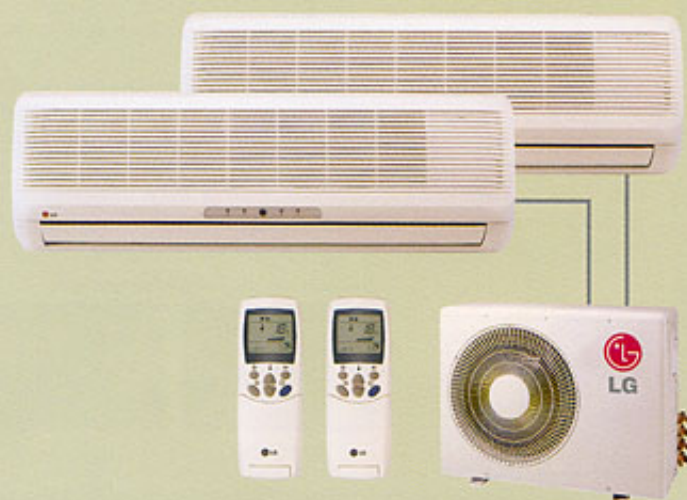
High Wall Ductless Multi Type Air Conditioners

*Reduce Costs... Save Space...
a single outdoor unit can efficiently cool two rooms.*



18,000 BTU

230-208V/60Hz



LM-1830C2L ■

One-unit operation

(A) Cooling : 9,000/8,500 Btu/h.

(B) Cooling : 9,000/8,500 Btu/h.

Two-unit operation

(A+B) Cooling : 18,000/17,000 Btu/h.

LM-1830H2L ■■

One-unit operation

(A) Cooling : 9,000/8,500 Btu/h.

Heating : 9,000/8,500 Btu/h.

(B) Cooling : 9,000/8,500 Btu/h.

Heating : 9,000/8,500 Btu/h.

Two-unit operation

(A+B) Cooling : 18,000/17,000 Btu/h.

Heating : 18,000/17,000 Btu/h.

24,000 BTU

230-208V/60Hz



LM-2430C2L ■

One-unit operation

(A) Cooling : 12,000/11,800 Btu/h.

(B) Cooling : 12,000/11,800 Btu/h.

Two-unit operation

(A+B) Cooling : 24,000/23,600 Btu/h.

LM-2430H2L ■■

One-unit operation

(A) Cooling : 12,000/11,800 Btu/h.

Heating : 12,000/11,800 Btu/h.

(B) Cooling : 12,000/11,800 Btu/h.

Heating : 12,000/11,800 Btu/h.

Two-unit operation

(A+B) Cooling : 24,000/23,600 Btu/h.

Heating : 24,000/23,600 Btu/h.

- Jet Cool
- Wireless Remote Controller
- Natural Wind By CHAOS Swing
- Sleep Mode Auto Operation
- Auto Operation
- Healthy Dehumidification
- One-Touch Air Filter (Anti-Bacteria)
- Quiet Operation
- 24-Hour ON/OFF Setting Timer
- Auto Restart

Specifications

Type	Single Split								Multi Split			
	Cooling Only				Heat Pump				Cooling Only		Heat Pump	
Model	LS-J0910CL	LS-L1210CL	LS-K1830CL	LS-K2430CL	LS-J0910HL	LS-L1210HL	LS-K1830HL	LS-K2430HL	LM-1830C2L	LM-2430C2L	LM-1830H2L	LM-2430H2L
Capacity												
Cooling (BTU/hr) A	9,000	12,000	17,800/18,000	22,600/23,000	9,000	12,000	17,800/18,000	22,600/23,000	9,000/8,500	12,000/11,800	9,000/8,500	12,000/11,800
B									9,000/8,500	12,000/11,800	9,000/8,500	12,000/11,800
A+B									18,000/17,000	24,000/23,600	18,000/17,000	24,000/23,600
Heating (BTU/hr) A					9,000	12,000	18,700/19,000	22,600/23,000			9,000/8,500	12,000/11,800
B											9,000/8,500	12,000/11,800
A+B											18,000/17,000	24,000/23,600
Electrical Parts												
EER	9.6	9.3	9.5/9.5	9.0/9.0	9.7	9.3	9.5/9.5	9.0/9.0	10.59/10.12	9.7/9.7	10.59/10.12	9.7/9.7
Cooling Efficiency SEER	10	10	10/10	10/10	10	10	10/10	10/10	10/10	10/10	10/10	10/10
COP					2.93	2.75	2.9/2.9	2.6/2.6			2.9/2.9	2.6/2.6
Heating Efficiency HSPF					6.8	6.8	6.8/6.8	6.8/6.8			6.8/6.8	6.8/6.8
Rated Voltage, Hz	115,60	115,60	208/230,60	208/230,60	115,60	115,60	208/230,60	208/230,60	230/208,60	230/208,60	230/208,60	230/208,60
Rated Watts	940	1,290	1,870/1,900	2,500/2,550	900	1,290	1,870/1,900	2,500/2,550	950/930	1,300/1,250	950/930	1,300/1,250
Cooling(A/B)									1,700/1,680	2,400/2,400	1,700/1,680	2,400/2,400
Heating(A/B)					900	1,290	1,870/1,900	2,500/2,550			950/930	1,300/1,250
Heating(A+B)											1,700/1,680	2,400/2,400
Rated Amps	8.5	11.7	8.5/9.0	15.5/12.0	8	11.7	9.0/8.5	12.0/11.5	4.0/4.5	5.7/6.2	4.0/4.5	5.7/6.2
Cooling(A/B)									7.5/8.2	10.0/11.0	7.5/8.2	13.0/14.0
Heating(A/B)					8	11.7	9.0/8.5	12.0/11.5			4.0/4.5	5.5/6.0
Heating(A+B)											7.5/8.2	12.5/13.5
Dehumidification (PTS/HR)	2.6	3	5.3	6.6	2.6	3	5.3	6.6	2.6/2.6	3.0/3.0	2.6/2.6	3.0/3.0
Air Circulation (CFM)	250	330	460	530	250	330	460	530	250/250	330/330	250/250	330/330
Air Deflection	Auto (Vertical) / Manual (Horizontal)				Auto (Vertical) / Manual (Horizontal)				Auto (Vertical) / Manual (Horizontal)			
Noise Level (dB In/Out)	38/48	41/48	44/55	49/57	38/48	41/48	44/55	49/57	38/54	41/55	38/54	41/55
Sleep Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Auto Fan Speed Control Function	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Evap Frost Control	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Air Filter	Mesh+Deodorizing				Mesh+Deodorizing				Mesh+Deodorizing			
Fan Speeds (Cool/Heat)	3/-	3/-	3/-	3/-	3/3	3/3	3/3	3/3	3/-	3/-	3/3	3/3
Jet Cool	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Timer	24 Hr On/Off				24 Hr On/Off				24 Hr On/Off			
Remote Control	Wireless (Forced Operation-Remote Lost)				Wireless (Forced Operation-Remote Lost)				Wireless (Forced Operation-Remote Lost)			
Indoor (Net) Dimensions												
Width (inches)	31.6	35.0	42.5	42.5	31.6	35.0	42.5	42.5	31.6	35.0	31.6	35.0
Height (inches)	10.3	11.3	12.4	12.4	10.3	11.3	12.4	12.4	10.3	11.3	10.3	11.3
Depth (inches)	6.5	6.7	7.1	7.1	6.5	6.7	7.1	7.1	6.5	6.7	6.5	6.7
Weight (lbs)	15.4	20.9	28.7	28.7	15.4	20.9	28.7	28.7	15.4	20.9	15.4	20.9
Outdoor (Net) Dimensions												
Width (inches)	30.3	30.3	34.3	34.3	30.3	30.3	34.3	34.3	34.3	34.3	34.3	34.3
Height (inches)	21.3	21.3	25.8	25.8	21.3	21.3	25.8	25.8	25.8	25.8	25.8	25.8
Depth (inches)	9.6	9.6	12.6	12.6	9.6	9.6	12.6	12.6	12.6	12.6	12.6	12.6
Weight (lbs)	70.5	70.5	134.5	136.7	72.8	72.8	136.7	138.9	139	139	139	139
Container Loading												
STD 40 FT (Set)	198	196	132	132	198	196	132	132	132	132	132	132
Thermostat Range												
Cooling / Heating	64-86 / -	64-86 / -	64-86 / -	64-86 / -	64-86 /60-86	64-86 /60-86	64-86 /60-86	64-86 /60-86	64-86 / -	64-86 / -	64-86 /61-86	64-86 /61-86
Tube Size												
Liquid / Hot Gas	1/4" / 1/2"	1/4" / 1/2"	1/4" / 5/8"	3/8" / 5/8"	1/4" / 1/2"	1/4" / 1/2"	1/4" / 5/8"	3/8" / 5/8"	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"

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



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