

2012 RESIDENTIAL AIR CONDITIONER

Beautifully Designed to Save



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PRESTIGE SINGLE ZONE HYPER EFFICIENCY INVERTER



9,000 and 12,000 BTUs
Heat Pump Inverter
pg. 20



ART COOL PICTURE FRAME SINGLE ZONE



9,900 and 11,500 BTUs
Heat Pump
pg. 22

ART COOL & STANDARD SINGLE ZONE HIGH EFFICIENCY INVERTER



9,000-24,000 BTUs
Heat Pump Inverter
pg. 26 / pg. 28



STANDARD SINGLE ZONE & STANDARD SINGLE ZONE INVERTER



9,000-18,000 BTUs
Heat Pump
pg. 32



24,000, 30,000-36,000 BTUs
Heat Pump Inverter
pg. 32



For sales support, please contact your local LG representative.
For installation and technical support, please call 866.543.8324

FLEX MULTI-SPLIT, DUAL-, TRI- & QUAD-ZONE



Dual-Zone : Mix and match for 18,000-24,000 BTUs
Tri-Zone : Mix and match for 27,000-33,000 BTUs
Quad-Zone : Mix and match for 36,000-48,000 BTUs
Heat Pump Inverter
pg. 40

PTAC AND CEILING CASSETTE, SINGLE ZONE



7,000 and 15,000 BTUs
Heat/Cool and Heat Pump
pg. 56

24,000 and 42,000 BTUs
Heat Pump Inverter
pg. 37

ART COOL DISPLAY RACK



Display (SS)
(model#: D-Rack)

Mirror Type
Display Model
(model#: LAN090HSV)

Picture Type
Display Model
(model#: ASMC123F2G0)

Display (SS)
(model#: D-Rack)

White Type
Display Model
(model#: LSN091HSV)

Picture Type
Display Model
(model#: ASMC123F2G0)

THE LG HVAC ADVANTAGE

Take advantage of our smart solutions for residential & commercial air conditioning applications.

LG HVAC systems offer a range of solutions that are cost efficient, quiet and attractive. They provide a smart alternative to both central HVAC and window-mounted air conditioners, and are available in a variety of configurations to suit different cooling and heating situations.

Split Systems

These innovative systems are “split” into indoor and outdoor units. The interior units are available in several different configurations: Art Cool, standard wall-mounted, Floor Standing and ceiling cassettes. All interior units have remote controls for easy use. Installation by a qualified HVAC contractor is safe and easy – no duct work or sheet metal is needed. Single, dual and tri-zone systems, as well as cooling only and heat pump models, are available.

PTAC Models

LG’s new PTAC units are perfect for lodging and healthcare applications. These units have an extremely low decibel level and outstanding sound prevention rating. Plus, LG models are efficient which translates into excellent energy savings.

Feature Advantages:

Look for these key features throughout the LG line.

- **Attractive, customizable indoor units.** Art Cool provides numerous options to complement any décor. The Art Cool Customizable Art Panel works like a picture frame – any art or photograph can be displayed. Other Art Cool units come in a variety of beautiful colors and finishes to suit any room.
- **INVERTER V** Inverter heat pump air conditioners use a variable speed compressor, rather than the constant speed found in conventional ACs. Instead of shutting off once the desired temperature is reached, the inverter compressor continues to operate at low speed to maintain that temperature. It is quieter to operate and uses less energy than conventional ACs, which cycle on and off.



- **R-410A Refrigerant.** Ozone-friendly refrigerant utilized in the majority of LG systems.

NOTE: R-410A service port access will require a special adapter to attach standard 1/4" hoses. Ask your equipment supplier for more details.

- **Art Cool Self-Cleaning Indoor Coil.** Drives dirt and moisture from coil surface leaving it clean.
- **Dehumidifying Mode.** Indoor unit accurately senses room temperature and controls humidity by shutting down the compressor before a room is over-cooled.
- **Chaos Wind.** Electronically controlled fan speeds create a more natural, random flow of air, reducing temperature stratification.
- **Art Cool Three-way Cooling.** Air flows out of the unit from three directions, creating more natural circulation.
- **Jet Cool.** Operates at high speed for up to 30 minutes to quickly cool a room down to 64° F.
- **Swirl Wind.** Four-way controlled louvers and fan speeds create a stronger, wider air flow and reduce temperature stratification.
- **Auto Operation.** Provides three levels of comfort from which to choose. Temperature and fan speed will set automatically.
- **Manual Power Switch.** Easily accessed button allows for continued operation if the remote control is misplaced.
- **Defrost Control.** Shuts down the indoor fan to prevent cold air from being blown into the house. Removes frost from outdoor coil when the outdoor temperature is low (Heat Pump only).
- **Temperature Display.** Shows room temperature of interior unit.
- **Auto Sleep Mode.** Automatically increases the temperature setting 2° F twice (after 1/2 hour and one hour). The interior unit shuts off when the timer setting is reached.
- **Auto Restart.** Automatically restarts a unit to programmed setting when the electricity comes on after a power failure.

Disclaimer: Items represented in this catalogue may change without notice. LG is not responsible for information contained in this catalogue that may have changed. Please contact your LG Sales Representative for updated information.

Unique Features

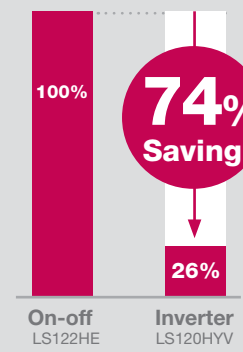
<div>Supreme Energy Efficiency</div>	<div>State of the art heat exchanger, air outlet, compressor, and inverter technology provide the world's highest energy efficiency</div> <div> <div> <div> <div></div> <div></div> </div> <div> <div>1</div> <div>Indoor Unit : Strategically designed heat exchanger and air outlet contribute in the efficient usage of energy while providing maximum cooling.</div> </div> </div> <div> <div> <div></div> <div></div> </div> <div> <div>2</div> <div>Outdoor Unit : LG's advanced compressor and inverter technology enables maximum efficiency operation.</div> </div> </div> </div>
<div>Ultra Quiet</div>	<div>LG's unique new skew fan and low vibrating compressor technology provides extreme silence and comfort for the user</div> <div> <div> <div> <div></div> <div></div> </div> <div> <div>3</div> <div>Indoor Unit : With fan blades 25% larger than the previous skew fan, the sound level has been decreased to 17dB, which is quieter than a library.</div> </div> </div> <div> <div> <div></div> <div></div> </div> <div> <div>4</div> <div>Outdoor Unit : The interior of the compressor in the outdoor unit has been constructed to minimize the sound produced when operating.</div> </div> </div> </div>
<div>Optimized Airflow</div>	<div>The optimized design of the air outlet provides strong, quiet airflow.</div> <div> <div> <div> <div></div> <div></div> </div> <div> <div>4-way swing disperses cool air quickly and effectively in multiple directions to each corner of the room.</div> </div> </div> </div>
<div>Heating</div>	<div>The advanced compressor and inverter technology of LG enable the heat pump to deliver warm comfort while saving energy.</div> <div> <div> <div> <div></div> <div></div> </div> <div> <div>Inverter technology allows for a greater heat output at lower outdoor temperatures.</div> </div> </div> </div>
<div>Stylish Design</div>	<div>LG air conditioners are not just refreshingly efficient, but also exceptionally elegant in design.</div> <div> <div> <div> <div></div> <div></div> </div> <div> <div>5</div> <div>The design of LG air conditioners are stylish in a way that is incomparable to others. Think of it not just as an air conditioner, but an object that will lighten up your living room.</div> </div> </div> </div>
<div>Quick & Easy Installation</div>	<div>Installation has never been easier as with the delicately designed installation elements of LG air conditioners.</div> <div> <div> <div> <div></div> <div></div> </div> <div> <div>6</div> <div>Perfect finishing / Bigger tubing space / Installation plate improvement / Detachable bottom cover / Elevated service valve / Installation support clip.</div> </div> </div> </div>



Supreme Energy Efficiency



The revolutionary inverter technology of LG boasts powerful yet silent performance while minimizing energy consumption by as much as 74%.



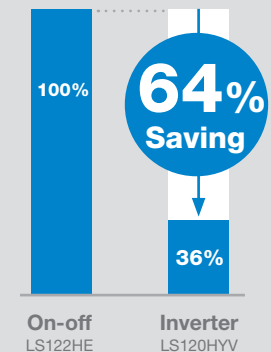
Heating Season

LG In-House Standard

Temperature Setting : 23°C
Outside Temperature : 7°C
Electricity consumed in reaching the set temperature

Total Electricity Consumption Comparison

	Model	Total Consumption (kWh)	Energy Saving Rate
Non INV	LS122HE	1.2	74%
INV	LS120HYV	0.31	



Cooling Season

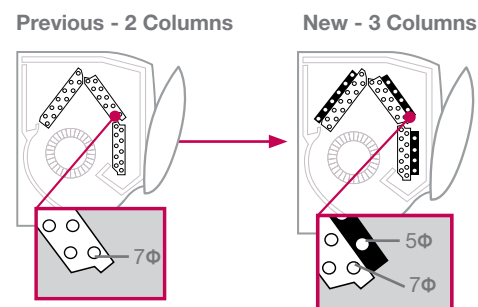
Monthly Energy Consumption

On-off : Electricity Consumed x Operation Factor x Time Used x Days Used
Inverter: SEER calculation method

Electricity Consumption Comparison

	Model	Cooling Power (kW)	Monthly Consumption (kWh)	Energy Saving Rate
Non INV	LS122HE	3.5	280.8	64%
INV	LS120HYV	3.5	100.6	

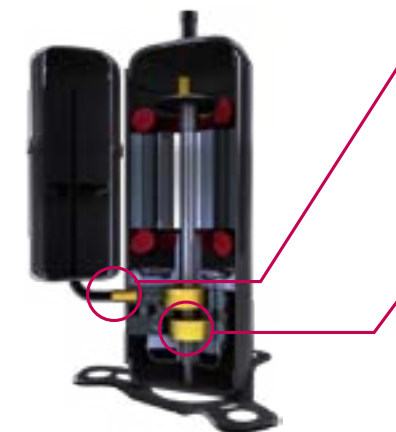
1 3 Column Hybrid Heat Exchanger



Improved energy efficiency by application of 3 column hybrid heat exchanger

- The efficiency of the heat exchanger has been greatly enhanced by adding an additional column to the hybrid heat exchanger which increased the surface area.
- The loss of heat has been reduced by using tubes of varying diameter.

3 High Efficiency Twin Rotary Compressor



Rotary Compressor

The number of suction ports have been reduced to one to increase the efficiency of refrigerant compression at low compressor low speeds.

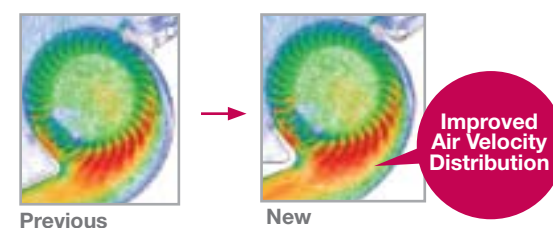
Motor Efficiency

High efficiency digitally controlled motor.

2 Improved Skew Fan

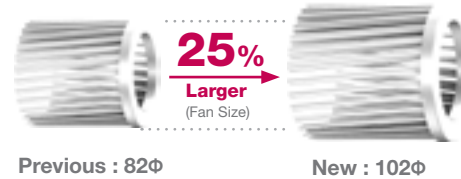
By reducing the second vortex which decreases airflow within the air outlet and enlarging the fan size, the amount of airflow is increased from 420 cfm to 550 cfm.

Streamline Constructed Air Outlet



Low High
(Air Volume)

Increased Fan Size

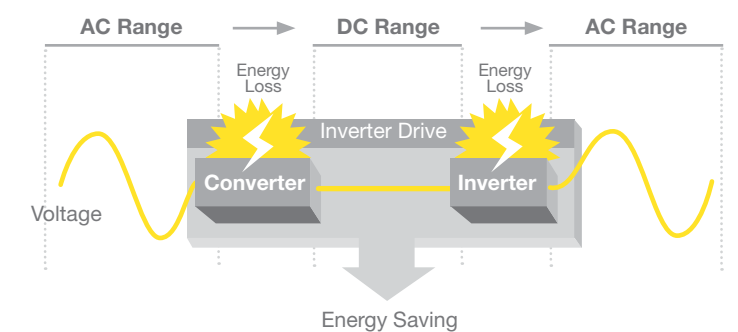


4 Improved Inverter Drive Efficiency

The advanced inverter drive minimizes energy loss and keeps the efficiency level high at 95%.

How It Works

While energy loss is incurred in the process of switching voltage between AC & DC, inverter drive keeps this loss minimal for improved energy efficiency.



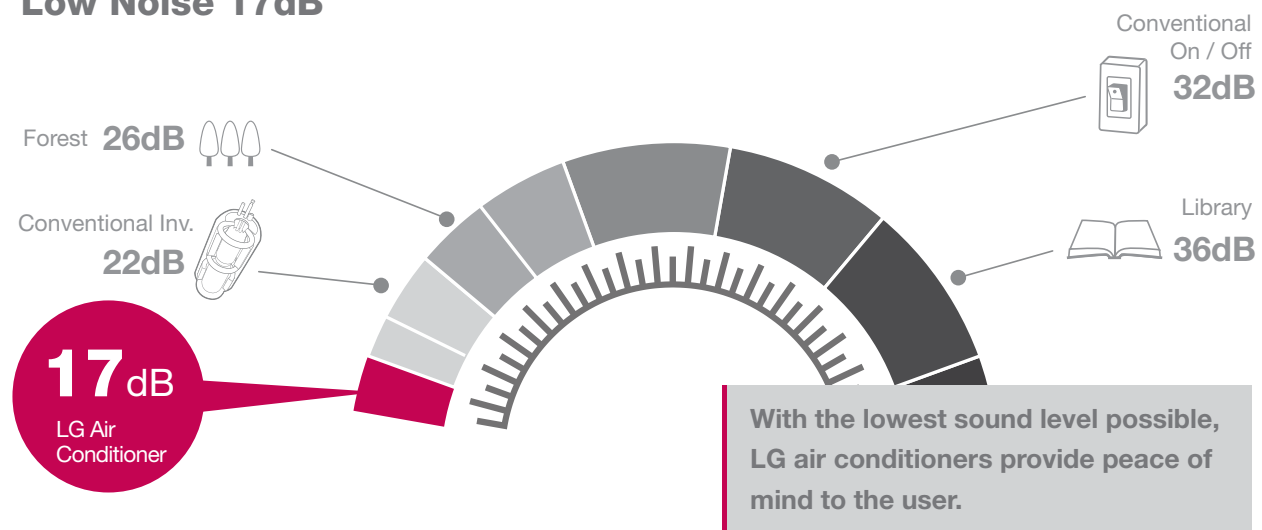
Ultra Quiet



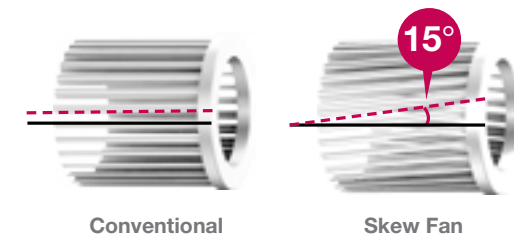
LG's unique new skew fan and low vibrating compressor technology have achieved the world's lowest sound level.



Low Noise 17dB

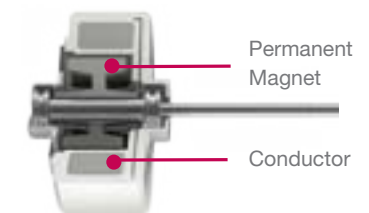


1 LG Unique Skew Fan



By minimizing the surface pressure of the fan blade when in contact with the air, the peak noise is reduced to a level that is among the lowest in the world.

2 BLDC Fan Motor



With strong torque and powerful ND magnetism inside the rotor, the BLDC motor provides large air volume and high static pressure. Precise speed control provides 13 different steps which makes operation smoother. Both electrical and mechanical noise is more silent, and high speed operation is available.

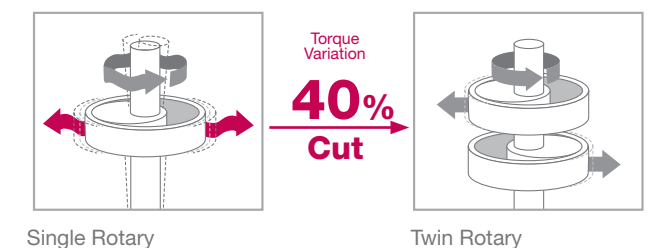
3 Low Vibration Compressor



With a unique design that reduces the vibration of the twin rotary compressor while simultaneously applying double cam, the torque variation is reduced by 40% than a single rotary compressor.

Single Rotary VS Twin Rotary

The balanced stability of twin rotary compressor keeps the vibration minimal.



Optimized Airflow

Jet Cool



The optimized design of the air outlet provides strong airflow which cools the room temperature up to 5 degrees in just minutes time.



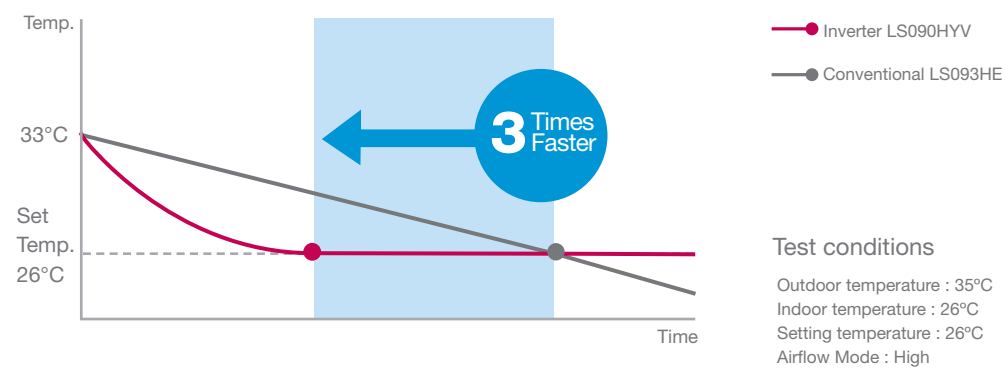
Jet Cool

Jet Cool disperses air evenly at high speed to ensure the room is optimally cool in just minutes.

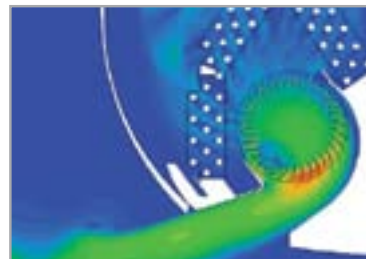
- The optimized air outlet design increases the velocity of internal circulation by 20%.

Faster Cooling

Reaching the set temperature is 3 times as faster than other air conditioners.



How we achieved ever powerful performance

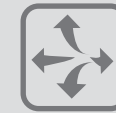


By reducing the second vortex which decreases the airflow within the air outlet, the airflow becomes even quicker, and the amount of airflow is the highest at 550 cfm.



Optimized Airflow

4-Way Swing

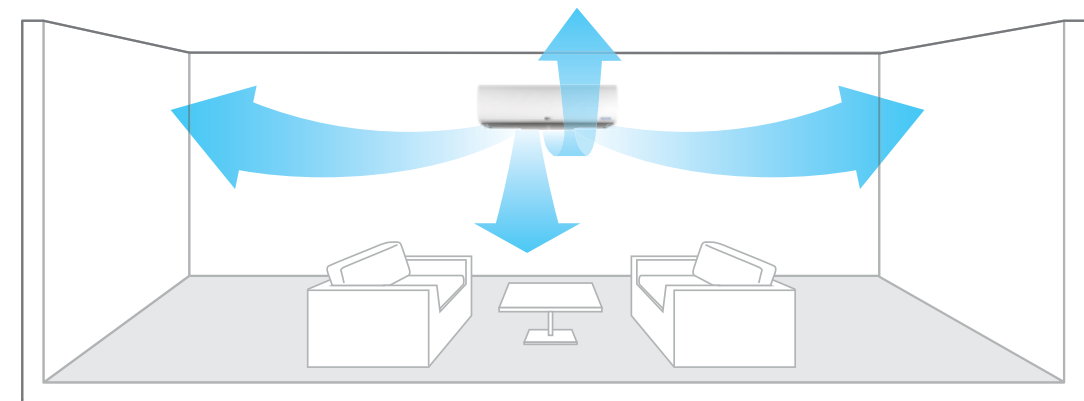


LG air conditioner delivers cool air to every corner of your room. The 4 way swing function blows the air quickly and efficiently in multi direction.



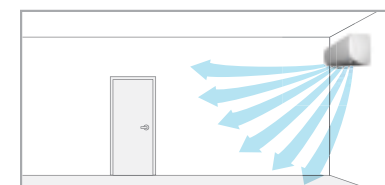
Optimized Airflow

4-way swing disperses cool air quickly and effectively in multiple directions to each corner of the room.

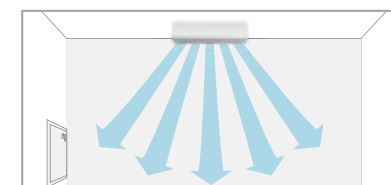


- Direction of horizontal vane can be adjusted from step 1 to step 6 with full auto swing. This function can cool specific areas much faster.
- Direction of vertical louver can be adjusted from step 1 to step 5, left & right, with full auto swing. This function also allows the air conditioner to cool specific areas in only a short period of time.
- 4-way swing provides optimized airflow regardless of your location in the room.

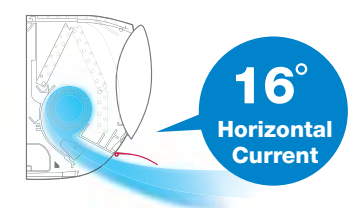
6 Step Vertical Vane



5 Step Horizontal Louver



Optimized Airflow



Heating

Power Heating



LG air conditioners heat a wider space at shorter period of time, creating a warm and comfortable living environment.

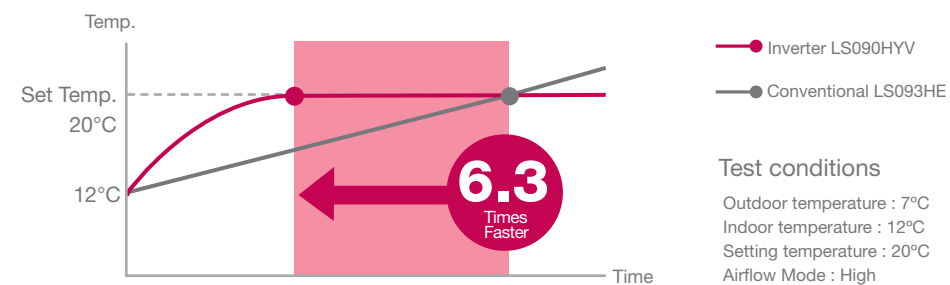


Instant Comfort

Prompt heating of the room is enabled by reaching the designated room temperature in a shorter period of time.

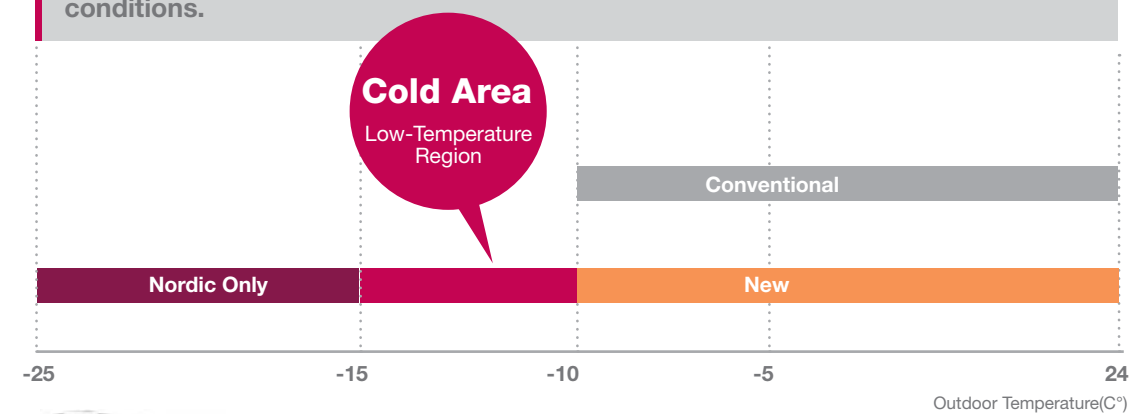
Quick Heating

Reaching the set temperature is 6.3 times as faster than other air conditioners.



Wide Heating Range

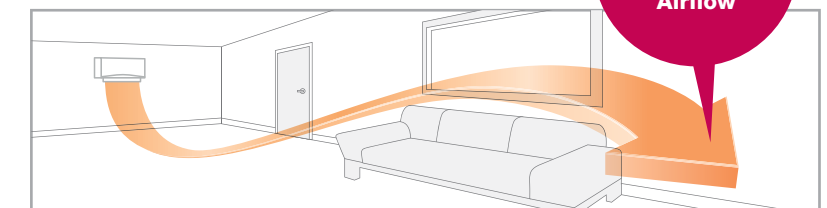
With a wider operating range in heating models, LG inverter air conditioners will heat your room effectively and efficiently in extreme outdoor temperature conditions.



Optimized Airflow

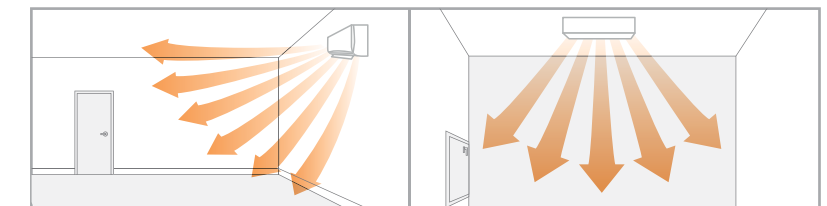
12M Powerful Airflow

LG's new larger fans allow you to feel the air up to 12 meters away. That means heating is fast and powerful, and makes you feel warm sooner.



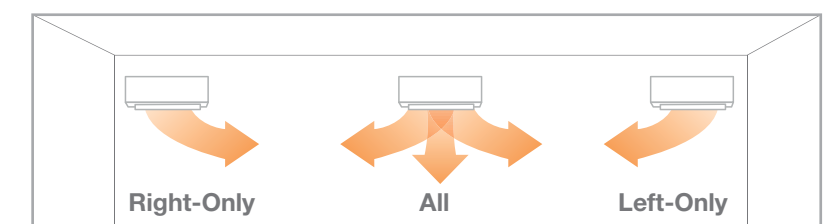
Vertical 6 Steps & Horizontal 5 Steps

6 Vertical Steps / longer reach of airflow
5 Horizontal Steps / balanced distribution of airflow to distant corners



Easy Airflow Control

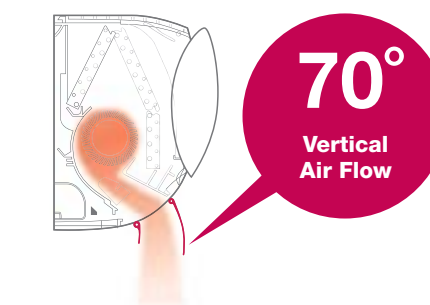
The LG air conditioning units can automatically distribute air in 4 directions.



Wind Direction Control allows the setting of airflow directions according to the location of the air conditioner.

Vertical Airflow

For heating, the vane sends the heated air downwards to maintain pleasant and balanced room temperature.



Stylish Design

The design of LG air conditioners are stylish in a way that is incomparable to others. Think of it not just as an air conditioner, but an object that will lighten up your living room.

Prestige



Stylish Pattern

Stylishly patterned front cover



Honeycomb Air Inlet

Air inlet in the unique shape of honeycombs



Elegant Movement

The elegance in style has been greatly enhanced with the flawless movement of the vane



Magic Display

With no separate display lamp, the delicate LED lamp is only visible when the air conditioner is operational



ARTCOOL



Chrome Trim Line

Delicately slim yet powerfully constructed to ensure extended durability



Tempered Glass

Luster and brightness for a long life



High Intensity LED

Elegant display with smart white lit trim



Flow Line

Catchy eye level design that flows evenly from the top all the way to the bottom



Easy Installation

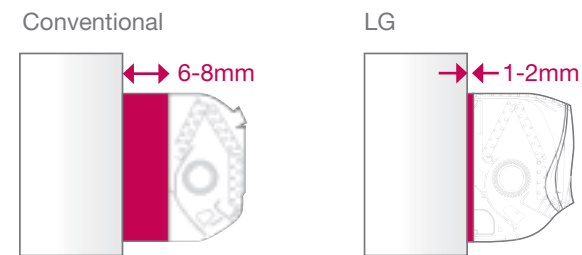


LG air conditioners are designed to be easier and more efficient to install.



Perfect Finishing

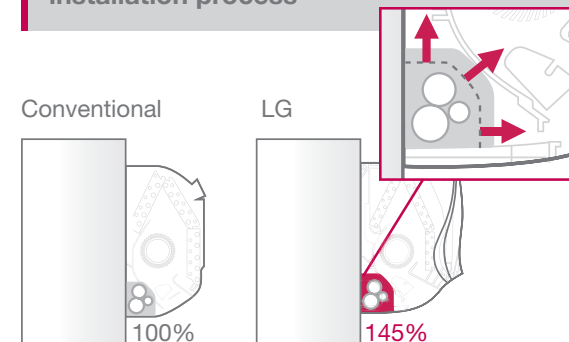
Extra wide cover holds tubing and wiring for a clean appearance.



- Wider area and cover for piping & drain hose arrangements
- Additional wide cover for holding tubing assembly

Wider Tubing Space

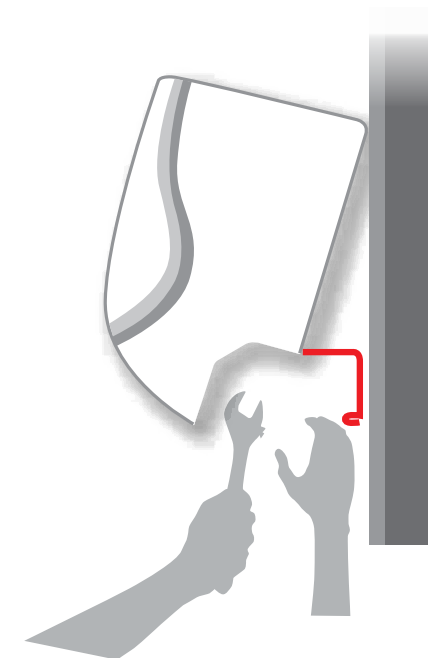
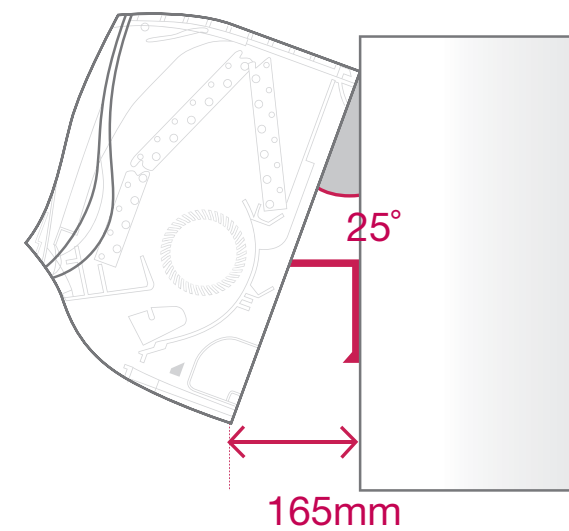
The tubing space is much wider than those of the competitors and facilitates the whole installation process



- The tubing space is 45% wider than those of the previous air conditioners for easier installations

Installation Support Clip

A support clip creates adequate space between wall and unit for easier installation.



Installation Plate Improvement

LG's installation plate is wider and modified to reduce installation time.

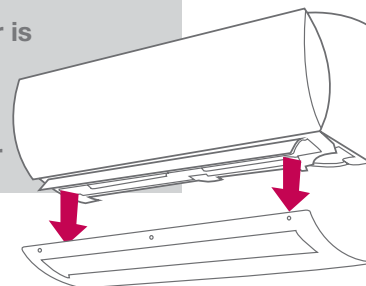


- The instruction tip engraved in the plate also assists easy installation by not having to go through the install manual



Detachable Bottom Cover

The bottom cover is detachable when needed, making installation easier



- Disassembly or additional supporting of the unit is unnecessary due to the detachable chassis bottom and supporter
- With LG's patented supporter, installation can be completed by one individual.

PRESTIGE DUCTLESS SINGLE ZONE HYPER EFFICIENCY *INVERTER V*

Supreme Energy Efficiency

The advanced inverter technology, high efficient heat exchanger, and improved efficiency of the compressor and inverter drive provide the highest level of energy efficiency.



Indoor Unit with Remote

Ultra Quiet

LG air conditioners operate at the lowest sound level, thanks to LG's unique new skew fan and BLDC motor technology.



Outdoor Unit

INVERTER V



HIGH WALL DUCTLESS PRESTIGE SINGLE ZONE HYPER EFFICIENCY

INVERTER V

9,000 BTUs / 12,000 BTUs

LS090HYV (H/P Model) **LS120HYV (H/P Model)**
C 9,000 BTUs Cooling C 12,000 BTUs Cooling
H 11,000 BTUs Heating H 13,000 BTUs Heating



INVERTER V

FEATURES:

- Inverter (Variable speed compressor)
 - Energy saving
 - R410a Refrigerant
 - Gold Fin™ Anti-corrosion
 - Self-cleaning indoor coil
 - Cooling/Heating/Fan mode
 - Jet cool/Jet heat
 - Chaos Wind
 - 4-Way Auto Swing
- Ultra quiet operation
 - Sleep mode
 - Dehumidifying mode
 - Auto restart
 - Auto Changeover
 - Built-in low ambient standard, down to 14°F (Cooling Mode)
 - 24-Hour on/off timer
 - Easy to install for water sensor
- Interior Unit Includes:

 - Wall unit
 - Installation plate & hardware
 - Remote control, batteries, holder & holder hardware
 - Installation manual
 - Accessory

-Model#:PQRCVSL0(QW)
(Wired Wall Thermostat)
- Exterior Unit Includes:

 - Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)

* Specification can be changed without notification		
System Model #	LS090HYV	LS120HYV
Indoor Model #	LSN090HYV	LSN120HYV
Outdoor Model #	LSU090HYV	LSU120HYV
Performance		
Capacity (BTUs)	C 9,000 H 11,000	C 12,000 H 13,600
EER	16.4	14.1
SEER	28	26.0
HSPF	12.0	11.5
Air Circulation (CFM H/M/L)	512/406/300	512/406/300
Fan Speeds	7/Auto/Chaos	7/Auto/Chaos
Dehumidification (pts/hr)	3.3	3.7
Indoor dB(A)*	39/34/26/17	39/34/26/17
Outdoor dB(A)*	51	51
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	230/208-60-1	230/208-60-1
Indoor Dimensions		
W x H x D (inches)	34-2/5 x 11-3/5 x 9-1/4	34-2/5 x 11-3/5 x 9-1/4
Weight (lbs.)	25.3	25.3
Outdoor Dimensions		
W x H x D (inches)	34-2/5 x 11-3/5 x 9-1/4	34-2/5 x 11-3/5 x 9-1/4
Weight (lbs.)	94.8	94.8
Thermostat Range		
Cooling / Heating (°F)	64-86/60-86	64-86/60-86

*LG verified sound ratings

Warranty: 1 year parts and labour; 7 year compressor.

ARTCOOL

ART COOL DUCTLESS SINGLE ZONE

Available styles and finishes

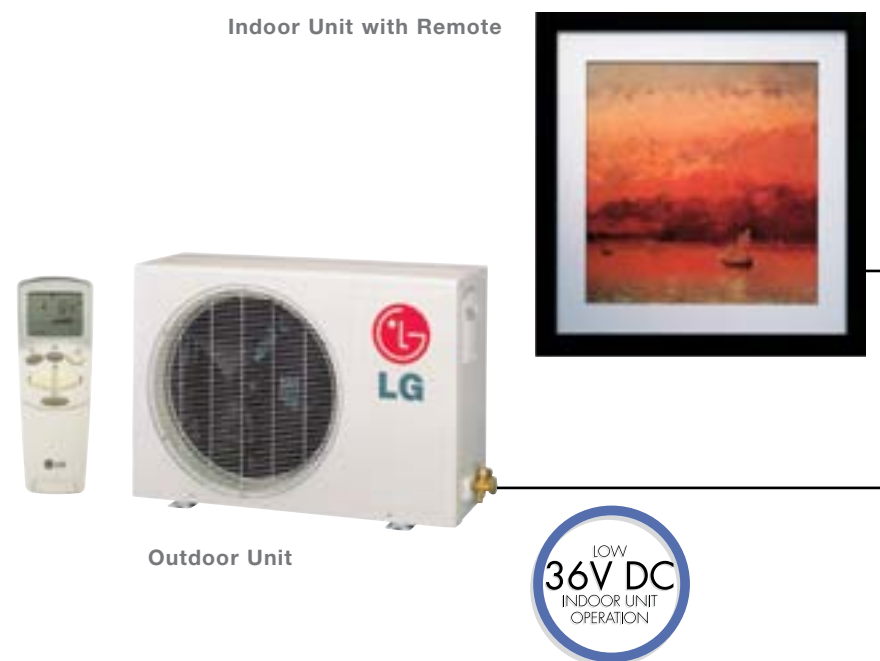


Ductless
Art Cool Indoor Unit
Customizable Picture Art Panel

Customized good looks

The slim, contemporary styling of the Art Cool models will appeal to today's discerning customer. The 9,000 and 12,000 BTU picture models come with a frame that allows the customer to modify and personalize the unit with their own artwork or photography – the ultimate in custom design.

Art Cool Ductless Air Conditioning Systems from LG maximize the efficiency and economics of ductless technology. Now you can bring more attractive, cost-effective solutions to your commercial and residential customers, providing single zone systems in both air conditioning and heat pump models.



*Art Cool Picture 9,000-12,000 BTUs units only

HIGH WALL DUCTLESS • ART COOL™ DUCTLESS SINGLE ZONE

9,000 BTUs / 12,000 BTUs

LA090HP (H/P Model)

C 9,900 BTUs Cooling

H 9,900 BTUs Heating

LA120HP (H/P Model)

C 11,500 BTUs Cooling

H 11,500 BTUs Heating



FEATURES:

- Customizable art panel
- R-410A Refrigerant
- Self-cleaning indoor coil
- Dehumidifying mode
- Chaos Wind
- Three-way cooling
- Jet Cool
- Cooling mode
- Heating mode (H/P model only)
- Fan mode
- Auto operation
- Manual power switch
- Defrost control (H/P model only)
- Auto sleep mode
- Auto restart
- Built-in low ambient standard, down to 14°F (cooling mode)
- 24-Hour on/off timer
- Evaporator frost control
- Plasma air purifying system
- Interior Unit Includes:**
 - Wall unit
 - Installation plate & hardware
 - Remote control, batteries, holder & holder hardware
 - Installation manual
- Exterior Unit Includes:**
 - Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)









System Model #	LA090HP	LA120HP
Indoor Model #	LAI090HP	LAI120HP
Outdoor Model #	LAO090HP	LAO120HP
Performance		
Capacity (BTUs)	C 9,900 H 9,900	C 11,500 H 11,500
EER	9	10
SEER	13	13
HSPF	7.7	7.7
Air Circulation (CFM H/M/L)	283/230/177	330/261/194
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hour)	3.0	3.0
Indoor dB(A)*	43/35/29	43/35/29
Outdoor dB(A)*	48	48
Electrical		
Rated Voltage Outdoor	115-60-1	115-60-1
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions		
W x H x D (inches)	23 5/8 x 23 5/8 x 5 3/4	23 5/8 x 23 5/8 x 5 3/4
Weight (lbs.)	33.1	33.1
Outdoor Dimensions		
W x H x D (inches)	30 5/16 x 21 5/16 x 9 5/8	30 5/16 x 21 5/16 x 9 5/8
Weight (lbs.)	70.5	70.5
Thermostat Range		
Cooling / Heating (°F)	64-86/60-86	64-86/60-86

*LG verified sound ratings

Warranty: 1 year parts and labour; 7 year compressor.









PRESTIGE & ART COOL DUCTLESS SINGLE ZONE ELECTRICAL & REFRIGERATION

- QUICK REFERENCE

Electrical Specifications								
Zone	Type	Model	BTUs	Voltage		Rated Amps	MCA*	MOP**
				Indoor	Outdoor			
Prestige Single-Zone	H/P	  LS090HYV	9,900	230	230	8.3/8.7	10	15
	H/P	  LS120HYV	12,000	230	230	8.3/8.7	10	15
Art Cool Single-Zone	H/P	  LA090HP	9,900	36V DC	115	10.5	14.3	20
	H/P	  LA120HP	11,500	36V DC	115	10.5	14.3	20

*Minimum Circuit Ampacity
**Maximum Overcurrent Protection

All equipment single phase.
NOTE: Please see local electrical codes for proper wire specifications.

Refrigerant Line Specifications***								
Zone	Type	Model	BTUs	Pipe Size		Additional Refrigerant	Max. Pipe Length	Max. Elevation
				Liquid	Suction			
Prestige Single-Zone	H/P	  LS090HYV	9,000	1/4"	3/8"	0.22 oz./ft.	66'	32'
	H/P	  LS120HYV	12,000	1/4"	3/8"	0.22 oz./ft.	66'	32'
Art Cool Single-Zone	H/P	  LA090HP	9,900	1/4"	1/2"	0.22 oz./ft.	49'	25'
	H/P	  LA120HP	11,500	1/4"	1/2"	0.22 oz./ft.	49'	25'

Please choose a proper wire size based on local and state code

***Each system is pre-charged with enough refrigerant to charge 25 ft. of line and the interior unit.

Except for inverter models, Systems having the outdoor unit mounted above the indoor unit (e.g., basement installations) have the following additional requirement: For systems with maximum elevation of 25 ft. (see chart above and Figure A), refrigerant lines must be oil trapped between 8 ft. and 16.4 ft. of elevation. For systems with elevation of greater than 25 ft. (see chart above), refrigerant lines must be oil trapped at least every 16.4 ft. of elevation.

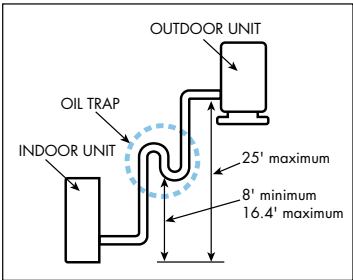


Figure A.
Example: 25 ft. maximum elevation.
(Oil traps excluded from inverter system.)

DUCTLESS HIGH EFFICIENCY AIR CONDITIONERS SINGLE-ZONE.

LG Electronics' products have led the global air conditioner market with excellent performance and innovative design. The Art Cool Mirror and standard models add a brilliant new addition to LG's lineup. These are high-performance air conditioners with a high SEER inverter and excellent design.



INVERTER V



HIGH WALL DUCTLESS • HIGH EFFICIENCY SINGLE ZONE

9,000 BTUs / 12,000 BTUs

LA090HSV (H/P Model)

- 9,000 BTUs Cooling
- 10,800 BTUs Heating

LA120HSV (H/P Model)

- 11,200 BTUs Cooling
- 13,300 BTUs Heating



FEATURES:

- Inverter (Variable speed compressor)
 - Energy saving
 - R410a Refrigerant
 - Gold Fin™ Anti-corrosion
 - Self-cleaning indoor coil
 - Cooling/Heating/Fan mode
 - Jet cool/Jet heat
 - Chaos Wind
 - 4-Way Auto Swing
- Ultra quiet operation
 - Sleep mode
 - Dehumidifying mode
 - Auto restart
 - Auto Changeover
 - Built-in low ambient standard, down to 14°F (cooling mode)
 - 24-Hour on/off timer
 - Plasma air purifying system
- Interior Unit Includes:**



 - Wall unit
 - Installation plate & hardware
 - Remote control, batteries, holder & holder hardware
 - Installation manual
 - Accessory

-Model#:PQRCVSL0(QW)
(Wired Wall Thermostat)
- Exterior Unit Includes:**

 - Exterior unit

• Exterior unit has sufficient refrigerant for charging indoor coil and a 41' line set (line set not included)

* Specification can be changed without notification

System Model #	LA090HSV	LA120HSV
Indoor Model #	 LAN090HSV	 LAN120HSV
Outdoor Model #	LAU090HSV	LAN120HSV
Performance		
Capacity (BTUs)	● 9,000	● 11,200
	● 10,800	● 13,300
EER	13.3	12.5
SEER	20	20
HSPF	11.0	11
Air Circulation (CFM H/M/L)	350/280/210	350/280/210
Fan Speeds	7/Auto/Chaos	7/Auto/Chaos
Dehumidification (pts/hr)	2.6	3.0
Indoor dB(A)*	38/33/24/19	39/33/24/19
Outdoor dB(A)*	45	45
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	230/208-60-1	230/208-60-1
Indoor Dimensions		
W x H x D (inches)	34 13/16 x 11 1/4 x 8 1/16	34 13/16 x 11 1/4 x 8 1/16
Weight (lbs.)	24.3	24.3
Outdoor Dimensions		
W x H x D (inches)	30 5/16 x 21 7/16 x 11 5/16	30 5/16 x 21 7/16 x 11 5/16
Weight (lbs.)	77.2	77.2
Thermostat Range		
Cooling / Heating (°F)	64-86/60-86	64-86/60-86

*LG verified sound ratings



HIGH WALL DUCTLESS • HIGH EFFICIENCY SINGLE ZONE

18,000 BTUs / 24,000 BTUs

LA180HSV (H/P Model)

- 18,200 BTUs Cooling
- 22,000 BTUs Heating

LA240HSV (H/P Model)

- 22,000 BTUs Cooling
- 27,600 BTUs Heating



FEATURES:

- Inverter (Variable speed compressor)
 - Energy saving
 - R410a Refrigerant
 - Gold Fin™ Anti-corrosion
 - Self-cleaning indoor coil
 - Cooling/Heating/Fan mode
 - Jet cool/Jet heat
 - Chaos Wind
 - 4-Way Auto Swing
- Ultra quiet operation
 - Sleep mode
 - Dehumidifying mode
 - Auto restart
 - Auto Changeover
 - Built-in low ambient standard, down to 14°F (cooling mode)
 - 24-Hour on/off timer
 - Plasma air purifying system
- Interior Unit Includes:**


 - Wall unit
 - Installation plate & hardware
 - Remote control, batteries, holder & holder hardware
 - Installation manual
 - Accessory

-Model#:PQRCVSL0(QW)
(Wired Wall Thermostat)
- Exterior Unit Includes:**

 - Exterior unit

• Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)

* Energy Star / Eligible For Tax Benefit is only eligible for LA180HSV, not LA240HSV

System Model #	LA180HSV	LA240HSV - Not Energy Star rated
Indoor Model #	 LAN180HSV	LAN240HSV
Outdoor Model #	LAU180HSV	LAU240HSV
Performance		
Capacity (BTUs)	● 18,200	● 22,000
	● 22,000	● 27,600
EER	12.6	10.8
SEER	20.5	20.0
HSPF	9.7	10.0
Air Circulation (CFM H/M/L)	600/510/420	600/510/420
Fan Speeds	7/Auto/Chaos	7/Auto/Chaos
Dehumidification (pts/hr)	5.5	5.5
Indoor dB(A)*	45/40/35	45/40/35
Outdoor dB(A)*	53	53
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	230/208-60-1	230/208-60-1
Indoor Dimensions		
W x H x D (inches)	40 1/2 x 12 3/4 x 9 7/8	47 5/8 x 13 5/8 x 8 1/16
Weight (lbs.)	37.5	39.7
Outdoor Dimensions		
W x H x D (inches)	34 5/16 x 31 1/2 x 12 5/8	34 5/16 x 31 1/2 x 12 5/8
Weight (lbs.)	132.3	132.3
Thermostat Range		
Cooling / Heating (°F)	64-86/60-86	64-86/60-86

*LG verified sound ratings

HIGH WALL DUCTLESS •
HIGH EFFICIENCY
SINGLE ZONE



9,000 BTUs / 12,000 BTUs

- LS091HSV (H/P Model)**
 C 9,000 BTUs Cooling
 H 10,800 BTUs Heating
- LS121HSV (H/P Model)**
 C 11,200 BTUs Cooling
 H 13,300 BTUs Heating



FEATURES:

- Inverter (Variable speed compressor)
 • Energy saving
 • R410a Refrigerant
 • Gold Fin™ Anti-corrosion
 • Self-cleaning indoor coil
 • Cooling/Heating/Fan mode
 • Jet cool/Jet heat
 • Chaos Wind
 • 4-Way Auto Swing
- Ultra quiet operation
 • Sleep mode
 • Dehumidifying mode
 • Auto restart
 • Auto Changeover
 • Built-in low ambient standard, down to 14°F (Cooling Mode)
 • 24-Hour on/off timer
 • Plasma air purifying system
- Interior Unit Includes:**
 • Wall unit
 • Installation plate & hardware
 • Remote control, batteries, holder & holder hardware
 • Installation manual
 • Accessory
 -Model#:PQRCVSL0(QW)
 (Wired Wall Thermostat)
- Exterior Unit Includes:**
 • Exterior unit
 • Exterior unit has sufficient refrigerant for charging indoor coil and a 41' line set (line set not included)

System Model #	LS091HSV	LS121HSV
Indoor Model #	 LSN091HSV	 LSU121HSV
Outdoor Model #	LSU091HSV	LSU121HSV
Performance		
Capacity (BTUs)	C 9,000 H 10,800	C 11,200 H 13,300
EER	13.3	12.5
SEER	20	20
HSPF	11.0	11.3
Air Circulation (CFM H/M/L)	350/280/210	350/280/210
Fan Speeds	7/Auto/Chaos	7/Auto/Chaos
Dehumidification (pts/hr)	2.6	3.0
Indoor dB(A)*	38/33/24/19	39/33/24/19
Outdoor dB(A)*	45	45
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	230/208-60-1	230/208-60-1
Indoor Dimensions		
W x H x D (inches)	34 13/16 x 11 1/4 x 8 1/4	34 13/16 x 11 1/4 x 8 1/4
Weight (lbs.)	24.3	24.3
Outdoor Dimensions		
W x H x D (inches)	30 5/16 x 21 7/16 x 11 5/16	30 5/16 x 21 7/16 x 11 5/16
Weight (lbs.)	77.2	77.2
Thermostat Range		
Cooling / Heating (°F)	64-86/60-86	64-86/60-86

*LG verified sound ratings

Warranty: 1 year parts and labour; 7 year compressor.

HIGH WALL DUCTLESS •
HIGH EFFICIENCY
SINGLE ZONE


18,000 BTUs

- LS181HSV (H/P Model)**
 C 18,200 BTUs Cooling
 H 10,800 BTUs Heating



FEATURES:

- Inverter (Variable speed compressor)
 • Energy saving
 • R410a Refrigerant
 • Gold Fin™ Anti-corrosion
 • Self-cleaning indoor coil
 • Cooling/Heating/Fan mode
 • Jet cool/Jet heat
 • Chaos Wind
 • 4-Way Auto Swing
- Ultra quiet operation
 • Sleep mode
 • Dehumidifying mode
 • Auto restart
 • Auto Changeover
 • Built-in low ambient standard, down to 14°F (Cooling Mode)
 • 24-Hour on/off timer
 • Plasma air purifying system
- Interior Unit Includes:**
 • Wall unit
 • Installation plate & hardware
 • Remote control, batteries, holder & holder hardware
 • Installation manual
 • Accessory
 -Model#:PQRCVSL0(QW)
 (Wired Wall Thermostat)
- Exterior Unit Includes:**
 • Exterior unit
 • Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)

System Model #	LS181HSV
Indoor Model #	 LSN181HSV
Outdoor Model #	LSU181HSV
Performance	
Capacity (BTUs)	C 18,200 H 22,000
EER	12.6
SEER	18.2
HSPF	9.7
Air Circulation (CFM H/M/L)	600/510/420
Fan Speeds	7/Auto/Chaos
Dehumidification (pts/hr)	5.5
Indoor dB(A)*	45/40/35
Outdoor dB(A)*	53
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
Indoor Dimensions	
W x H x D (inches)	40 9/16 x 12 13/16 x 9 7/8
Weight (lbs.)	37.5
Outdoor Dimensions	
W x H x D (inches)	34 5/16 x 31 1/2 x 12 5/8
Weight (lbs.)	132.3
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

Warranty: 1 year parts and labour; 7 year compressor.

HIGH WALL DUCTLESS •

HIGH EFFICIENCY

SINGLE ZONE

24,000 BTUs

LS240HSV (H/P Model)

- C 22,000 BTUs Cooling
- H 27,600 BTUs Heating





FEATURES:

- Inverter (Variable speed compressor)
 - Energy saving
 - R410a Refrigerant
 - Gold Fin™ Anti-corrosion
 - Self-cleaning indoor coil
 - Cooling/Heating/Fan mode
 - Jet cool/Jet heat
 - Chaos Wind
 - 4-Way Auto Swing
- Sleep mode
 - Dehumidifying mode
 - Auto restart
 - Auto Changeover
 - Built-in low ambient standard, down to 14°F (Cooling Mode)
 - 24-Hour on/off timer
 - Plasma air purifying system
- Interior Unit Includes:

 - Wall unit
 - Installation plate & hardware
 - Remote control, batteries, holder & holder hardware
 - Installation manual
 - Accessory

-Model#:PQRCVSL0(QW)
(Wired Wall Thermostat)
- Exterior Unit Includes:

 - Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 25’ line set (line set not included)

System Model #	LS240HSV
Indoor Model #	 LSN240HSV
Outdoor Model #	 LSU240HSV
Performance	
Capacity (BTUs)	C 22,000 H 27,600
EER	12.5
SEER	18.9
HSPF	10.2
Air Circulation (CFM H/M/L)	700/570/450
Fan Speeds	5/Auto/Chaos
Dehumidification (pts/hr)	6.0
Indoor dB(A)*	46/43/39
Outdoor dB(A)*	54
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
Indoor Dimensions	
W x H x D (inches)	47 5/8 x 13 5/8 x 8 1/16
Weight (lbs.)	39.7
Outdoor Dimensions	
W x H x D (inches)	34 5/16 x 31 1/2 x 12 5/8
Weight (lbs.)	132.3
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

HIGH EFFICIENCY SINGLE ZONE

- INVERTER

ELECTRICAL & REFRIGERATION

- QUICK REFERENCE

Electrical Specifications								
Zone	Type	Model	BTUs	Voltage		Rated	MCA*	MOP**
				Indoor	Outdoor	Amps		
High Efficiency Art Cool Single-Zone	H/P	C H LA090HSV	9,000	230/208	230/208	6.2/7.4	15A	15
	H/P	C H LA120HSV	11,200	230/208	230/208	6.2/7.4	15A	15
	H/P	C H LA180HSV	18,200	230/208	230/208	17.8/17.8	20A	25
	H/P	C H LA240HSV	22,000	230/208	230/208	17.8/17.8	20A	25
High Efficiency Wall mounted Inverter	H/P	C H LS091HSV	9,000	230/208	230/208	6.2/7.4	15A	15
	H/P	C H LS121HSV	11,200	230/208	230/208	6.2/7.4	15A	15
	H/P	C H LS181HSV	18,200	230/208	230/208	17.8/17.8	20A	25
	H/P	C H LS240HSV	22,000	230/208	230/208	17.8/17.8	20A	25

*Minimum Circuit Ampacity

**Maximum Overcurrent Protection

All equipment single phase.
NOTE: Please see local electrical codes for proper wire specifications.

Refrigerant Line Specifications***								
Zone	Type	Model	BTUs	Pipe Size		Additional	Max. Pipe	Max.
				Liquid	Suction	Refrigerant	Length	Elevation
High Efficiency Art Cool Single-Zone	H/P	C H LA090HSV	9,000	1/4"	3/8"	0.22 oz./ft.	65'	32'
	H/P	C H LA120HSV	11,200	1/4"	3/8"	0.22 oz./ft.	65'	32'
	H/P	C H LA180HSV	18,200	3/8"	5/8"	0.38 oz./ft.	98'	49'
	H/P	C H LA240HSV	22,000	3/8"	5/8"	0.38 oz./ft.	98'	49'
High Efficiency Wall mounted Inverter	H/P	C H LS091HSV	9,000	1/4"	3/8"	0.22 oz./ft.	65'	32'
	H/P	C H LS121HSV	11,200	1/4"	3/8"	0.22 oz./ft.	65'	32'
	H/P	C H LS181HSV	18,200	3/8"	5/8"	0.38 oz./ft.	98'	49'
	H/P	C H LS240HSV	22,000	3/8"	5/8"	0.38 oz./ft.	98'	49'

Please choose a proper wire size based on local and state code

***Each system is pre-charged with enough refrigerant to charge 25 ft. (41 ft. for LA090HSV, LA120HSV, LS091HSV and LS121HSV)of line and the interior unit.

Accessory

Wired Wall Thermostat for Single Zone Inverter.
(Applicable to LS307HV, LS360HV and LxxxxHSV models only)



PQRCVSL0



PQRCVSL0QW

Warranty: 1 year parts and labour; 7 year compressor.

DUCTLESS STANDARD AIR CONDITIONERS SINGLE-ZONE

Available styles



Ductless Standard Indoor Unit
White
9,000/12,000 BTUs



Ductless Standard Indoor Unit
White
18,000 BTUs



INVERTER V

Heat Pump Inverter
White
30,000-36,000 BTUs



Indoor Unit



Outdoor Unit



*9,000 - 18,000
BTUs units only

Customized good looks

Ductless Standard systems utilize the same ductless technology as Art Cool units in a streamlined, low profile design. Models are available in a variety of sizes from 9,000 through 36,000 BTUs. LG's Ductless standard air conditioners are easy to install, efficient and cost effective.

HIGH WALL DUCTLESS • STANDARD SINGLE ZONE

9,000 BTUs / 12,000 BTUs

LS093HE (H/P Model)
C 10,500 BTUs Cooling
H 10,500 BTUs Heating

LS122HE (H/P Model)
C 11,500 BTUs Cooling
H 11,500 BTUs Heating



FEATURES:

- R-410A Refrigerant
- Gold Fin™ Anti-corrosion
- Dehumidifying mode
- Chaos Wind
- Jet Cool
- Cooling mode
- Heating mode
- Fan mode
- Auto operation
- Manual power switch
- Defrost control (H/P model only)
- Temperature display on indoor unit
- Auto sleep mode
- Auto restart
- Built-in low ambient standard, down to 14°F (cooling mode)
- 24-Hour on/off timer
- 4 Fan speeds
- Plasma air purifying system
- Ultra-quiet operation
- Evaporator frost control

Exterior Unit Includes:

- Exterior unit
- Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)

Interior Unit Includes:

- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual

System Model #	LS093HE	LS122HE
Indoor Model #	LSN093HE	LSN122HE
Outdoor Model #	LSU093HE	LSU122HE
Performance		
Capacity (BTUs)	C 10,500 H 10,500	C 11,500 H 11,500
EER	9.5	10
SEER	13	13
HSPF	7.8	7.8
Air Circulation (CFM H/M/L)	330/280/230	330/280/230
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	3.0	3.0
Indoor dB(A)*	41/36/34	41/36/34
Outdoor dB(A)*	48	48
Electrical		
Rated Voltage Outdoor	115-60-1	115-1-60
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions		
W x H x D (inches)	33 1/16 x 10 5/8 x 6 1/32	35 3/16 x 11 5/8 x 6 1/2
Weight (lbs.)	15.4	20.5
Outdoor Dimensions		
W x H x D (inches)	30 5/16 x 21 5/16 x 9 19/32	30 5/16 x 21 5/16 x 9 19/32
Weight (lbs.)	66.1	70.5
Thermostat Range		
Cooling / Heating (°F)	64-86/60-86	64-86/60-86

*LG verified sound ratings

Warranty: 1 year parts and labour; 7 year compressor.

HIGH WALL
DUCTLESS•
STANDARD
SINGLE ZONE

18,000 BTUs

LS186HE (H/P Model)

Cooling

Heating



FEATURES:

- Multi Power System™
 - R-410A Refrigerant
 - Gold Fin™ Anti-corrosion
 - Dehumidifying mode
 - Chaos Wind
 - Jet Cool
 - Cooling mode
 - Heating mode
 - Fan mode
- Auto operation
 - Manual power switch
 - Defrost control (H/P model only)
 - Temperature display on indoor unit
 - Auto sleep mode
 - Auto restart
 - 24-Hour on/off timer
- Ultra-quiet operation
 - Evaporator frost control
 - 4 Fan speeds
 - Plasma air purifying system
- Installation manual

Exterior Unit Includes:

 - Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)

Interior Unit Includes:

 - Wall unit
 - Installation plate & hardware
 - Remote control, batteries, holder & holder hardware

System Model #	LS186HE
Indoor Model #	LSN186HE
Outdoor Model #	LSU186HE
Performance	
Capacity (BTUs)	Cooling 17,800 Heating 17,800
EER	8.9
SEER	13
HSPF	7.7
Air Circulation (CFM H/M/L)	560/490/430
Fan Speeds	4/Auto/Chaos
Dehumidification (pts/hr)	5.3
Indoor dB(A)*	46/43/41
Outdoor dB(A)*	53
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	36V DC
Indoor Dimensions	
W x H x D (inches)	42 15/16 x 11 13/16 x 7 1/32
Weight (lbs.)	28.6
Outdoor Dimensions	
W x H x D (inches)	34 5/16 x 25 13/16 x 12 5/8
Weight (lbs.)	124.3
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

HIGH WALL
DUCTLESS•
STANDARD SINGLE
ZONE INVERTER

30,000 BTUs / 36,000 BTUs

LS307HV (H/P Model)

Cooling

Heating

LS360HV (H/P Model)

Cooling

Heating



FEATURES:

- Inverter (Variable speed compressor)
 - R-410A Refrigerant
 - Plasma air purifying system
 - Gold Fin™ Anti-Corrosion
 - Chaos Swing
 - Self-cleaning indoor coil
 - Auto changeover
 - Jet Cool
 - Cooling/Heating/Fan Mode
 - Auto sleep mode
- Ultra-quiet operation
 - Dehumidifying mode
 - Auto restart
 - 24-Hour on/off timer
 - Manual power switch
 - Defrost control
 - Temperature display on indoor unit
 - Evaporator frost control
 - Energy Saving
 - 4 Fan speeds
- Interior Unit Includes:**

 - Wall unit
 - Installation plate & hardware
 - Remote control, batteries, holder & holder hardware
 - Installation manual
 - Accessory - Model#:PQRCVSL0 (Wired Wall Thermostat)
- Exterior Unit Includes:**

 - Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)
 - LS307HV: low ambient to 23°F
 - LS360HV: low ambient to 14°F

System Model #	LS307HV	LS360HV
Indoor Model #	LSN307HV	LSN360HV
Outdoor Model #	LSU307HV	LSU360HV
Performance		
Capacity (BTUs)	Cooling 26,400 Heating 30,400	Cooling 33,100 Heating 35,200
EER	8.3	8.3
SEER	15	16.1
HSPF	7.7	9.9
Air Circulation (CFM H/M/L)	710/640/530	740/670/450
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	7.2	10.6
Indoor dB(A)*	47/43/41	49/46/39
Outdoor dB(A)*	58	56
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	230/208-60-1	230/208-60-1
Indoor Dimensions		
W x H x D (inches)	47 5/8 x 13 5/8 x 8 1/16	47 5/8 x 13 5/8 x 8 1/16
Weight (lbs.)	37.5	39.7
Outdoor Dimensions		
W x H x D (inches)	34 5/16 x 31 1/2 x 12 5/8	34 5/16 x 31 1/2 x 12 5/8
Weight (lbs.)	147.7	132.3
Thermostat Range		
Cooling / Heating (°F)	64-86 /60-86	64-86 /60-86

*LG verified sound ratings

Warranty: 1 year parts and labour; 7 year compressor.

Warranty: 1 year parts and labour; 7 year compressor.

DUCTLESS STANDARD SINGLE ZONE • INVERTER ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications									
Zone	Type		System Model	BTUs	Voltage		Rated Amps	MCA*	MOP**
					Indoor	Outdoor			
Standard Single-Zone	H/P	C H	LS093HE	9,800	36V DC	115	10.5/10.5	15	20
	H/P	C H	LS122HE	11,500	36V DC	115	10.5/10.5	15	20
	H/P	C H	LS186HE	17,800	36V DC	230/208	10.4/10.4	15	20
Standard Single-Zone Inverter	H/P	C H	LS307HV	30,000	230/208	230/208	17.8/17.8	30	35
	H/P	C H	LS360HV	33,100	230/208	230/208	17.8/17.8	30	35

*Minimum Circuit Ampacity **Maximum Overcurrent Protection
***For LS186HE

All equipment single phase.
NOTE: Please see local electrical codes for proper wire specifications.

Wire Size	
Minimum wiring requirements suggested by manufacturer.	
Minimum AWG	14-3 12-3***
Indoor/Outdoor Connecting Cable Minimum AWG	18-4

Refrigerant Line & Formula Specifications¹										
Zone	Type			System Model	BTUs	Pipe Size		Additional Refrigerant	Max. length each pipe	Max. elevation
						Liquid	Suction			
Standard Single-Zone	H/P	C	H	LS093HE	9,800	1/4"	1/2"	0.22 oz./ft.	49'	25'
	H/P	C	H	LS122HE	11,500	1/4"	1/2"	0.22 oz./ft.	49'	25'
	H/P	C	H	LS186HE	17,800	1/4"	1/2"	0.22 oz./ft.	66'	49'
Standard Single-Zone Inverter	H/P	C	H	LS307HV	30,000	3/8"	5/8"	0.38 oz./ft.	98'	49'
	H/P	C	H	LS360HV	33,100	3/8"	5/8"	0.38 oz./ft.	98'	49'

¹Each system is pre-charged with enough refrigerant to charge 25 ft. of line and the interior unit.

Except for inverter model, Systems having the outdoor unit mounted above the indoor unit (e.g. basement installations) have the following additional requirement: For systems with elevation of 25 ft. (see chart above and figure A), refrigerant lines must be oil trapped between 8 ft. and 16.4 ft. of elevation. For systems with elevation of greater than 25 ft. (see chart above), refrigerant lines must be oil trapped at least every 16.4 ft. of elevation.

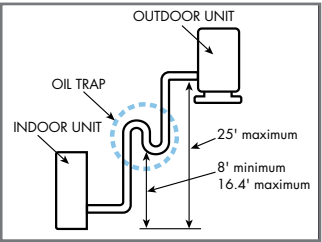


Figure A.
Example: 25 ft. maximum elevation.
(Oil traps excluded from inverter system.)

DUCTLESS CEILING CASSETTE AIR CONDITIONING SYSTEMS

High-Capacity Split Systems

The Ceiling Cassette models are ideal for light commercial applications and work well in large, open spaces. The ceiling cassette is a useful alternative when floor space is limited.

The outdoor unit for both models operate on high-voltage (230/208) power.



Ductless Split Ceiling Cassette Indoor Units White Finish



Single Zone Split Systems Ceiling Cassette



DUCTLESS • CEILING CASSETTE SINGLE ZONE

24,000 BTUs

LC246HV (H/P Model)
C 23,000 BTUs Cooling
H 25,000 BTUs Heating

* Cassette Grill sold separately
Model# : PT-UMC



42,000 BTUs

LC426HV (H/P Model)
C 41,000 BTUs Cooling
H 41,000 BTUs Heating

* Cassette Grill sold separately
Model# : PT-UMC



FEATURES:

- Inverter (Variable speed compressor)
- R-410A Refrigerant
- Internal condensate pump included
- Swirl swing
- Four-way cooling
- Jet Cool
- Cooling mode
- Dehumidifying mode

- Fan mode
- Independent vane control
- 5 fan speeds
- Evaporator frost control
- 24-Hour on/off timer
- Auto restart
- Auto changeover
- Temperature display on remote
- Ultra-quiet turbo fan
- Gold Fin™ Anti-Corrosion

Interior Unit Includes:

- Ceiling unit
- Wired control & wireless remote control with batteries
- Installation manual
- Accessory
 - Model name : PT-UMC (Ceiling grill sold separately)
 - Model name : PTPKM0 (Plasma kit sold separately)

Exterior Unit Includes:

- Sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)

System Model #	LC246HV	LC426HV
Indoor Model #	LCN246HV	LCN426HV
Outdoor Model #	LUU246HV	LUU426HV
Ceiling Grill Model# (Sold Separately)	PT-UMC	PT-UMC
Performance		
Capacity (BTUs)	C H 23,000/25,000	C H 41,000/41,000
SEER	14	14
HSPF	7.7	7.7
EER	9.2/9.8	8.8/8.9
Air Circulation (CFM H/M/L)	636/565/494	1,200/1,130/1,060
Fan Speeds (Fan/Cooling/Heating)	4/5/4	4/5/4
Dehumidification (pts/hr)	2.1	3.6
Indoor dB(A)*	39/37/34	46/44/40
Outdoor dB(A)*	55	58
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	230/208-60-1	230/208-60-1
Power Input (Cooling/Heating)	2,500/2,550	4,670/4,630
Max Power Input	3,800	5,700
Indoor Dimensions		
W x H x D (inch)	33 1/16 x 8 1/32 x 33 1/16	33 1/16 x 11 11/32 x 33 1/16
Weight (lbs.)	46.3	57.3
Outdoor Dimensions		
W x H x D (inch)	34 1/4 x 31 13/16 x 12 5/8	37 13/32 x 54 11/32 x 12 31/32
Weight (lbs.)	132.3	227.1
Thermostat Range		
Cooling (°F)	18-30	18-30
Heating (°F)	16-30	16-30

*LG verified sound ratings

Warranty: 1 year parts and labour; 7 year compressor.

DUCTLESS • CEILING CASSETTE • SINGLE ZONE ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications								
	Type	System #	BTUs	Voltage		Rated Amps	MCA*	MOP**
				Indoor	Outdoor			
Ceiling Cassette	H/P	LC246HV	24,000	230/208	230/208	13.1/16/1	17.6	25.0
	H/P	LC426HV	41,000	230/208	230/208	25.6/24/4	22.3	40.0

All equipment single phase.

*Minimum Circuit Ampacity
**Maximum Overcurrent Protection

NOTE: Please see local electrical codes for proper wire specifications.

Electrical Specifications								
	Type	System #	BTUs	Pipe Size Liquid Suction		Additional Refrigent	Max. length each pipe	Max. elevation
Ceiling Cassette	H/P	LC246HV	24,000	3/8"	5/8"	0.38 oz./ft.	98'	66'
	H/P	LC426HV	41,000	3/8"	5/8"	0.43 oz./ft.	164'	98'

†Each system is pre-charged with enough refrigerant to charge 25 ft. of line and the interior unit.

FLEX MULTI-SPLIT DUAL-, TRI- & QUAD-ZONE AIR CONDITIONING SYSTEMS

Flex Multi-Split Systems

The Flex Multi-Split systems operate two, three or four interior units that are mounted in separate rooms. Each indoor unit comes with its own remote control, allowing the customer to set the temperature individually in different rooms. These units are connected to a single exterior unit.

The interior units are available in a variety of styles, including Art Cool, Standard, Ceiling Cassette, and Ceiling Concealed Duct models. Dual-,Tri- and Quad-Zone are available in Heat Pump systems.



Dual-Zone
Flex Multi-Split System
Mix and match for 18,000-24,000 BTUs
Heat Pump Inverter



Tri-Zone
Flex Multi-Split System
Mix and match for 27,000-33,000 BTUs
Heat Pump Inverter



Flex Multi-Split Art Cool Indoor Unit Mirror Finish



Flex Multi-Split Standard Indoor Unit



Flex Multi-Split Ceiling Cassette
& Ceiling Concealed Duct



Quad-Zone
Flex Multi-Split System
Mix and match for 36,000-48,000 BTUs
Heat Pump Inverter

OUTDOOR UNITS H/P INVERTER

18,000-36,000 BTUs

LMU187HV
C H Dual-Zone

LMU369HV
C H Quad-Zone

LMU247HV
C H Tri-Zone



DUAL-ZONE
LMU187HV

TRI-ZONE
LMU247HV

QUAD-ZONE
LMU369HV

FEATURES:

- Defrost /Deicing
- Restart delay (3-minutes)
- Self diagnosis
- Soft start
- Inverter (variable speed compressor)
- Auto operation (Artificial intelligence)
- Auto restart operation
- Low ambient operation to 14°F (cooling mode)
- Gold Fin™ Anti-Corrosion
- Exterior Unit Includes:**
 - Exterior unit
 - Sufficient refrigerant for charging 2, 3 or 4 indoor coils (Please see chart below for actual length amount included)
 - Installation manual

Outdoor Model H/P Inverter #			LMU187HV	LMU247HV	LMU369HV
Capacity *		BTU/h	18,000 Class	24,000 Class	34,000 Class
	(Min.-Rated-Max.)				
Cooling		kW	0.26~1.12~2.37	0.39~1.43~3.09	0.77~2.72~3.92
	Heating	kW	0.28~1.29~2.48	0.42~2.21~3.10	1.12~3.58~4.10
Running Current	Cooling	A	1.5~5.2~10.8	2.8~6.6~14.0	3.3~11.8~17.0
	Heating	A	1.5~6.0~11.3	3.0~10.2~14.1	4.9~15.5~17.8
Power Supply		Ø / V / Hz	1/208~230/60	1/208~230/60	1/208~230/60
Power Supply Cable(Outdoor)		No. x AWG	3 x 14	3 x 12	3 x 10
Transmission Cable (Outdoor to Indoor unit)		No. x AWG	4 x 16	4 x 16	4 x 16
Dimensions (W x H x D) inch		inch	34 1/4x31 13/16x12 19/32	34 1/4x31 13/16x12 19/32	35 7/16x45 7/8x14 9/16
Net Weight		lbs	123.5	130.1	209.4
Max. # of Connectable					
Indoor Units			2	3	4
Refrigerant	Charge (at 24.6 ft.)	oz	67.0	74.1	123.5
	Type		R410A	R410A	R410A
Sound Level (H)	Control		EEV	EEV	EEV
	Sound Pressure	dB(A)+3	51	51	57
Piping Connection	Liquid	inch	1/4 x 2	1/4 x 3	1/4 x 4
	Gas	inch	3/8 x 2	3/8 x 3	3/8 x 4
Piping length spec.	Max. total piping	ft.	164.0	246.1	246.1
	Max. OD-ID piping	ft.	82.0	82.0	82.0
Piping length (no add'l refrigerant)		ft.	49.2	73.8	98.4
Max. Elevation Difference	Outdoor Unit- Indoor Unit	ft.	49.2	49.2	49.2
	Indoor Unit- Indoor Unit	ft.	24.6	24.6	24.6
Operation Range	Cooling	°F	14 ~114.8	14 ~114.8	14 ~114.8
	Heating	°F	5~ 75.2	5~ 75.2	5~ 75.2

Note :
1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 80°F (26.7°C) DB/67°F (19.4°C) WB
- Outdoor Temperature 95°F (35°C) DB/75°F (23.9°C) WB
Heating: - Indoor Temperature 70°F (21.1°C) DB/60°F (15.6°C) WB
- Outdoor Temperature 47°F (8.3°C) DB/43°F (6.1°C) WB
Piping Length: - Interconnecting Piping Length 24.6 ft.(7.5m)
- Level Difference of Zero

2. Wiring cable size must comply with the applicable local and national code.
3. The specification may be subject to change without prior notice for purpose of improvement.
4. For more capacity(*) information, refer to the combination tables.
5. The data mentioned in the above table are only for non-ducted type of indoor unit.

Warranty: 1 year parts and labour; 7 year compressor.

STANDARD • FLEX MULTI-SPLIT

9,000-18,000 BTUs

LMN096HVT (H/P Model)
LMN126HVT (H/P Model)
LMN186HVT (H/P Model)



FEATURES:

- Inverter (variable speed compressor)
 - Chaos Swing
 - Jet Cool/Jet Heat
 - Plasma air purifying system
 - Self-cleaning indoor coil
- Auto operation (Artificial Intelligence)
 - Auto restart operation
 - 24-Hour on/off timer
 - 4-Way Auto Swing
 - Sleep mode
- Interior Unit Includes:**

 - Wall unit
 - Installation plate & hardware
 - Wireless LCD remote control, batteries, holder & holder hardware
- Owner's manual
 - Wired thermostat available, Sold separately

Indoor Model H/P Inverter #	LMN096HVT	LMN126HVT	LMN186HVT
Performance			
Capacity* (BTU/h)	9,000 Class	12,000 Class	18,000 Class
Fan Air Flow Rate (CMM)	7.0/6.5/6.0	9.5/9.0/8.5	16.2/14.2/12.3
(H/M/L) (CFM)	247/230/212	336/318/300	572/502/434
Dehumidification Rate (pts/hr)	2.3	2.5	4.0
Sound Level H/M/L (dB(A)+3)	33/30/27	39/36/31	37/33/28
Electrical			
Running Current (A)	0.15	0.15	0.15
Power Supply (Ø/V/Hz)	1/208~230/60	1/208~230/60	1/208~230/60
Piping Connections			
Liquid (inches)	1/4	1/4	1/4
Gas (inches)	3/8	3/8	1/2
Temperature Sensor	Thermistor	Thermistor	Thermistor
Refrigerant	R410A	R410A	R410A
Power/Transmission Interunit Cable (No. x AWG)	4 x 16	4 x 16	4 x 16
Dimensions (WxHxD)			
Body (inches)	35 1/4x11 7/32x8 9/32	35 1/4x11 7/32x8 9/32	40 9/16x12 25/32x9 27/32
Decorative Panel (inches)	-	-	-
Net Weight Body (lbs)	24.5	24.5	37.5
Net Weight Decorative Panel (lbs)	-	-	-

Note :

1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 80°F (26.7°C) DB/67°F (19.4°C) WB
 - Outdoor Temperature 95°F (35°C) DB/75°F (23.9°C) WB
Heating: - Indoor Temperature 70°F (21.1°C) DB/60°F (15.6°C) WB
 - Outdoor Temperature 47°F (8.3°C) DB/43°F (6.1°C) WB
Piping Length: - Interconnecting Piping Length 24.6 ft.(7.5m)
 - Level Difference of Zero

2. Wiring cable size must comply with the applicable local and national code.
3. The specification may be subject to change without prior notice for purpose of improvement.
4. For more capacity(*) information, refer to the combination tables.

Warranty: 1 year parts and labour; 7 year compressor.

ART COOL • FLEX MULTI-SPLIT

9,000-18,000 BTUs

LMAN096HVT (H/P Model)
LMAN126HVT (H/P Model)
LMAN186HVT (H/P Model)



FEATURES:

- Inverter (variable speed compressor)
 - Chaos Swing
 - Jet Cool/Jet Heat
 - Plasma air purifying system
 - Self-cleaning indoor coil
- Auto operation (Artificial Intelligence)
 - Auto restart operation
 - 24-Hour on/off timer
 - 4-Way Auto Swing
 - Sleep mode
- Interior Unit Includes:**

 - Wall unit
 - Installation plate & hardware
 - Wireless LCD remote control, batteries, holder & holder hardware
- Owner's manual
 - Wired thermostat available, Sold separately
 - Black mirror finish

Indoor Model H/P Inverter #	LMAN096HVT	LMAN126HVT	LMAN186HVT
Performance			
Capacity* (BTU/h)	9,000	12,000	18,000
Fan Air Flow Rate (CMM)	7.0/6.5/6.0	9.5/9.0/8.5	16.2/14.2/12.3
(H/M/L) (CFM)	247/230/212	336/318/300	572/502/434
Dehumidification Rate (pts/hr)	2.3	2.5	4
Sound Level H/M/L (dB(A)+3)	33/30/27	39/36/31	37/33/28
Electrical			
Running Current (A)	0.15	0.15	0.25
Power Supply (Ø/V/Hz)	1/208~230/60	1/208~230/61	1/208~230/62
Piping Connections			
Liquid (inches)	1/4	1/4	1/4
Gas (inches)	3/8	3/8	1/2
Drain OD,ID (Inches)	4/5, 5/8	4/5, 5/8	4/5, 5/8
Temperature Sensor	Thermistor	Thermistor	Thermistor
Refrigerant	R410A	R410A	R410A
Power/Transmission Interunit Cable (No. x AWG)	4 x 16	4 x 16	4 x 16
Dimensions (WxHxD)			
Body (inches)	35 1/4 x 11 7/32 x 8 1/16	35 1/4 x 11 7/32 x 8 1/16	40 9/16 x 12 25/32 x 9 20/32
Decorative Panel (inches)	-	-	-
Net Weight Body kg (lbs)	24.3	24.3	34.2
Net Weight Decorative Panel (lbs)	-	-	-

Note :

1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 80°F (26.7°C) DB/67°F (19.4°C) WB
 - Outdoor Temperature 95°F (35°C) DB/75°F (23.9°C) WB
Heating: - Indoor Temperature 70°F (21.1°C) DB/60°F (15.6°C) WB
 - Outdoor Temperature 47°F (8.3°C) DB/43°F (6.1°C) WB
Piping Length: - Interconnecting Piping Length 24.6 ft.(7.5m)
 - Level Difference of Zero


2. Wiring cable size must comply with the applicable local and national code.
3. The specification may be subject to change without prior notice for purpose of improvement.
4. For more capacity(*) information, refer to the combination tables.

Warranty: 1 year parts and labour; 7 year compressor.



CEILING CONCEALED
DUCT • FLEX
MULTI-SPLIT

9,000-18,000 BTUs

LMDN095HV (H/P Model)
LMDN125HV (H/P Model)
LMDN185HV (H/P Model)



INVERTER V



FEATURES:

- Inverter (Variable speed compressor)
 - Drain pump
 - Control lock function
 - Auto operation (Artificial Intelligence)
 - Auto restart operation
 - 2 thermistor control
- Interior Unit Includes:

 - Ceiling unit
 - Wired remote control
 - Owner's manual

Indoor Model H/P Inverter #	LMDN095HV	LMDN125HV	LMDN185HV
Performance			
Capacity* (BTU/h)	9,000 Class	12,000 Class	18,000 Class
Fan Air Flow Rate (CMM)	8.5/7.5/6.5	9.5/8.5/7.5	15.0/13.5/11.5
(H/M/L) (CFM)	300/265/230	335/300/265	530/477/406
Dehumidification Rate (pts/hr)	2.1	2.5	4.2
Sound Level H/M/L (dB(A)+3)	32/26/25	33/31/26	34/31/29
Electrical			
Running Current (A)	0.25	0.25	0.25
Power Supply (Ø/V/Hz)	1/208~230/60	1/208~230/60	1/208~230/60
Piping Connections			
Liquid (inches)	1/4	1/4	1/4
Gas (inches)	3/8	3/8	1/2
Temperature Sensor	Thermistor	Thermistor	Thermistor
Refrigerant	R410A	R410A	R410A
Power/Transmission Interunit Cable (No. x AWG)	4 x 16	4 x 16	4 x 16
Dimensions (WxHxD)			
Body (inches)	32 9/32x7 15/32x 22 5/8	32 9/32x7 15/32x 22 5/8	43 5/16x7 15/32x 22 5/8
Decorative Panel (inches)	-	-	-
Net Weight Body (lbs)	45.2	45.2	58.4
Net Weight Decorative Panel (lbs)	-	-	-

Note :

1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 80°F (26.7°C) DB/67°F (19.4°C) WB
- Outdoor Temperature 95°F (35°C) DB/75°F (23.9°C) WB
Heating: - Indoor Temperature 70°F (21.1°C) DB/60°F (15.6°C) WB
- Outdoor Temperature 47°F (8.3°C) DB/43°F (6.1°C) WB
Piping Length: - Interconnecting Piping Length 24.6 ft.(7.5m)
- Level Difference of Zero

2. Wiring cable size must comply with the applicable local and national code.
3. The specification may be subject to change without prior notice for purpose of improvement.
4. For more capacity(†) information, refer to the combination tables.

Warranty: 1 year parts and labour; 7 year compressor.

CEILING CASSETTE •
FLEX MULTI-SPLIT

12,000-18,000 BTUs

LMCN125HV (H/P Model)
LMCN185HV (H/P Model)



INVERTER V



FEATURES:

- Inverter (Variable speed compressor)
 - Drain pump
 - Jet Cool
 - Plasma air purifying system (Option)
 - Control lock function
 - Auto operation (Artificial Intelligence)
- Auto restart operation
 - 24-Hour on/off timer
 - 2 thermistor control
- batteries, holder & holder hardware

 - Owner's manual
 - Accessory

- Model name : PTPKQ0 (Plasma kit sold separately)
- Interior Unit Includes:

 - Ceiling unit
 - Wireless LCD remote control, batteries, Wireless LCD remote control,
- Model name : PT-UQC (Ceiling grill sold separately)

Indoor Model H/P Inverter #	LMCN125HV	LMCN185HV
Ceiling Grill Model# (Sold Separately)	PT-UQC	PT-UQC
Performance		
Capacity* (BTU/h)	12,000 Class	18,000 Class
Fan Air Flow Rate (CMM)	9.5/8.0/7.0	13.0/12.0/11.0
(H/M/L) (CFM)	335/283/247	459/424/388
Dehumidification Rate (pts/hr)	4.2	4.2
Sound Level H/M/L (dB(A)+3)	38/35/32	38/37/34
Electrical		
Running Current (A)	0.25	0.25
Power Supply (Ø/V/Hz)	1/208~230/60	1/208~230/60
Piping Connections		
Liquid (inches)	1/4	1/4
Gas (inches)	3/8	1/2
Temperature Sensor	Thermistor	Thermistor
Refrigerant	R410A	R410A
Power/Transmission Interunit Cable (No. x AWG)	4 x 16	4 x 16
Dimensions (WxHxD)		
Body (inches)	22 7/16x8 7/16x22 7/16	22 7/16x10 3/32x22 7/16
Decorative Panel (inches)	27 9/16x7/8x27 9/16	27 9/16x7/8x27 9/16
Net Weight Body (lbs)	30.9	33.1
Net Weight Decorative Panel (lbs)	6.6	6.6

Note :

1. Capacities are based on the following conditions:
Cooling: - Indoor Temperature 80°F (26.7°C) DB/67°F (19.4°C) WB
- Outdoor Temperature 95°F (35°C) DB/75°F (23.9°C) WB
Heating: - Indoor Temperature 70°F (21.1°C) DB/60°F (15.6°C) WB
- Outdoor Temperature 47°F (8.3°C) DB/43°F (6.1°C) WB
Piping Length: - Interconnecting Piping Length 24.6 ft.(7.5m)
- Level Difference of Zero

2. Wiring cable size must comply with the applicable local and national code.
3. The specification may be subject to change without prior notice for purpose of improvement.
4. For more capacity(†) information, refer to the combination tables.














Warranty: 1 year parts and labour; 7 year compressor.



FLEX MULTI-SPLIT • DUAL-, TRI-, & QUAD ZONE












Electrical & Refrigeration • Quick reference

Electrical Specifications

Zone	Type	Model	Voltage		Running Current	MCA	MOP
			Indoor	Outdoor			
Flex Multi-Split Indoor Units	H/P 	LMN096HVT	208/230	-	0.20	-	-
	H/P 	LMAN096HVT	208/230	-	0.15	-	-
	H/P 	LMDN095HV	208/230	-	0.25	-	-
	H/P 	LMN126HVT	208/230	-	0.20	-	-
	H/P 	LMAN126HVT	208/230	-	0.15	-	-
	H/P 	LMDN125HV	208/230	-	0.25	-	-
	H/P 	LMCN125HV	208/230	-	0.25	-	-
	H/P 	LMN186HVT	208/230	-	0.30	-	-
	H/P 	LMAN186HVT	208/230	-	0.15	-	-
	H/P 	LMDN185HV	208/230	-	0.25	-	-
Outdoor Units	H/P 	LMU187HV	-	208/230	-	15	15
	H/P 	LMU247HV	-	208/230	-	20	25
	H/P 	LMU369HV	-	208/230	-	30	35

All equipment are single phase.
NOTE: Please see local electrical codes for proper wire specifications.

Refrigerant Line & Formula Specifications

	Type	Model	Pipe Size		Additional Refrigerant	Max. Length Each Pipe	Max. Elevation
			Liquid	Suction			
Flex Multi-Split	H/P 	LMN096HVT	1/4"	3/8"	0.22 oz./ft.	82'	49'
	H/P 	LMAN095HVT	1/4"	3/8"	0.22 oz./ft.	82'	49'
	H/P 	LMDN095HV	1/4"	3/8"	0.22 oz./ft.	82'	49'
	H/P 	LMN126HVT	1/4"	3/8"	0.22 oz./ft.	82'	49'
	H/P 	LMAN125HVT	1/4"	3/8"	0.22 oz./ft.	82'	49'
	H/P 	LMDN125HV	1/4"	3/8"	0.22 oz./ft.	82'	49'
	H/P 	LMCN125HV	1/4"	3/8"	0.22 oz./ft.	82'	49'
	H/P 	LMN186HVT	1/4"	1/2"	0.22 oz./ft.	82'	49'
	H/P 	LMAN185HVT	1/4"	1/2"	0.22 oz./ft.	82'	49'
	H/P 	LMDN185HV	1/4"	1/2"	0.22 oz./ft.	82'	49'
	H/P 	LMCN185HV	1/4"	1/2"	0.22 oz./ft.	82'	49'

Please choose a proper wire size based on local and state code



FLEX MULTI-SPLIT SYSTEM

System	Combined With	Nominal Cooling Capacity	EER Indoor	SEER	Nominal Heating Capacity	COP	Low Heating Capacity	COP	HSPF	
LMU187HV	Non-Ducted Indoor Unit	15,600	14.00	21.0	17,000	3.90	10,000	2.7	9.20	Yes
	Ducted Indoor Unit	14,800	11.90	17.7	16,800	3.80	9,900	2.6	8.80	-
	Mixed Ducted & Non-Ducted	15,200	12.95	19.4	16,900	3.85	9,950	2.7	9.00	-
LMU247HV	Non-Ducted Indoor Unit	19,200	13.40	21.7	26,400	3.50	16,500	2.6	9.40	Yes
	Ducted Indoor Unit	18,000	11.80	16.4	26,200	3.40	16,400	2.6	8.50	-
	Mixed Ducted & Non-Ducted	18,600	12.60	19.1	26,300	3.45	16,450	2.6	8.95	-
LMU369HV	Non-Ducted Indoor Unit	34,000	12.50	17.5	41,000	3.40	23,300	2.4	10.5	Yes
	Ducted Indoor Unit	34,000	12.00	16.5	41,000	3.20	25,300	2.6	9.5	-
	Mixed Ducted & Non-Ducted	34,000	12.25	17.0	41,000	3.30	24,300	2.5	9.5	-

* Non-Ducted Indoor Unit Test Condition : Standard Indoor Combination
* Low Heating Capacity : Outdoor Temperature 17



Accessory

Wired Wall Thermostat for Flex-Multi Split System



PQRCVSL0



PQRCVSL0QW

PI485 V-net control integration accessory.

Control integration to LG V-net controls

(AC Smart, ACP, BACnet, LonWorks, etc.)

Applied to Inverter Flex Multi (dual, tri, and quad zone) and Single Inverter Ceiling Cassette.

Model # : PMNFP14A0





FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

LMU187HV

Non Ducted Type Indoor Unit

Cooling

	Combination of Indoor Unit (kBTU/h Class)					Room Capacityv				Total Capacity						Input (W)			Current (A)			EER	SEER
										Min		Middle		Max									
Indoor Unit	Unit-A	Unit-B	Unit-C	Unit-D	Total	Unit-A (BTU/h)	Unit-B (BTU/h)	Unit-C (BTU/h)	Unit-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
2 Indoor Units	9	9	-	-	18	7,800	7,800	-	-	10,798	3.16	15,600	4.57	19,000	5.57	924	1,118	2,370	4.2	5.2	10.8	14.0	21.0
	9	12	-	-	21	6,686	8,914	-	-	10,798	3.16	15,600	4.57	19,000	5.57	924	1,118	2,370	4.2	5.2	10.8	14.0	21.0
	12	12	-	-	24	7,800	7,800	-	-	10,798	3.16	15,600	4.57	19,000	5.57	924	1,118	2,370	4.2	5.2	10.8	14.0	21.0

Heating

	Combination of Indoor Unit (kBTU/h Class)					Room Capacityv				Total Capacity						Input (W)			Current (A)			EER	SEER
										Min		Middle		Max									
Indoor Unit	Unit-A	Unit-B	Unit-C	Unit-D	Total	Unit-A (BTU/h)	Unit-B (BTU/h)	Unit-C (BTU/h)	Unit-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
2 Indoor Units	9	9	-	-	18	8,500	8,500	-	-	12,418	3.64	17,000	4.98	21,000	6.15	1,150	1,290	2,480	5.2	6.0	11.3	3.9	9.2
	9	12	-	-	21	7,286	9,714	-	-	12,418	3.64	17,000	4.98	21,000	6.15	1,150	1,290	2,480	5.2	6.0	11.3	3.9	9.2
	12	12	-	-	24	8,500	8,500	-	-	12,418	3.64	17,000	4.98	21,000	6.15	1,150	1,290	2,480	5.2	6.0	11.3	3.9	9.2

Ducted Type Indoor Unit

Cooling

	Combination of Indoor Unit (kBTU/h Class)					Room Capacityv				Total Capacity						Input (W)			Current (A)			EER	SEER
										Min		Middle		Max									
Indoor Unit	Unit-A	Unit-B	Unit-C	Unit-D	Total	Unit-A (BTU/h)	Unit-B (BTU/h)	Unit-C (BTU/h)	Unit-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
2 Indoor Units	9	9	-	-	18	7,400	7,400	-	-	10,798	3.16	14,800	4.34	19,000	5.57	945	1,244	2,370	4.3	5.7	10.8	11.9	17.7
	9	12	-	-	21	6,343	8,457	-	-	10,798	3.16	14,800	4.34	19,000	5.57	945	1,244	2,370	4.3	5.7	10.8	11.9	17.7
	12	12	-	-	24	7,400	7,400	-	-	10,798	3.16	14,800	4.34	19,000	5.57	945	1,244	2,370	4.3	5.7	10.8	11.9	17.7

Heating

	Combination of Indoor Unit (kBTU/h Class)					Room Capacityv				Total Capacity						Input (W)			Current (A)			EER	SEER
										Min		Middle		Max									
Indoor Unit	Unit-A	Unit-B	Unit-C	Unit-D	Total	Unit-A (BTU/h)	Unit-B (BTU/h)	Unit-C (BTU/h)	Unit-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
2 Indoor Units	9	9	-	-	18	8,400	8,400	-	-	12,418	3.64	16,800	4.92	21,000	6.15	1,170	1,306	2,480	5.3	5.9	11.3	3.8	8.8
	9	12	-	-	21	7,200	9,600	-	-	12,418	3.64	16,800	4.92	21,000	6.15	1,170	1,306	2,480	5.3	5.9	11.3	3.8	8.8
	12	12	-	-	24	8,400	8,400	-	-	12,418	3.64	16,800	4.92	21,000	6.15	1,170	1,306	2,480	5.3	5.9	11.3	3.8	8.8



FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

LMU247HV

Non Ducted Type Indoor Unit

Cooling

	Combination of Indoor Unit (kBTU/h Class)					Room Capacityv				Total Capacity						Input (W)			Current (A)			EER	SEER
										Min		Middle		Max									
Indoor Unit	Unit-A	Unit-B	Unit-C	Unit-D	Total	Unit-A (BTU/h)	Unit-B (BTU/h)	Unit-C (BTU/h)	Unit-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
2 Indoor Units	9	9	-	-	18	8,500	8,500	-	-	10,798	3.16	17,000	4.98	19,800	5.80	1,002	1,349	2,560	4.6	6.1	11.6	12.6	19.0
	9	12	-	-	21	7,586	10,114	-	-	11,100	3.25	17,700	5.19	23,100	6.77	1,044	1,383	2,830	4.7	6.3	12.9	12.8	19.0
	12	12	-	-	24	9,600	9,600	-	-	11,400	3.34	19,200	5.63	25,500	7.47	1,194	1,469	3,090	5.4	6.7	14.0	13.1	19.0
	9	18	-	-	27	6,400	12,800	-	-	11,400	3.34	19,200	5.63	27,500	8.06	1,284	1,469	3,090	5.8	6.7	14.0	13.1	19.0
	12	18	-	-	30	7,680	11,520	-	-	11,400	3.34	19,200	5.63	27,500	8.06	1,284	1,469	3,090	5.8	6.7	14.0	13.1	19.0
3 Indoor Units	9	9	9	-	27	6,400	6,400	6,400	-	11,700	3.43	19,200	5.63	28,800	8.44	1,200	1,431	3,050	5.5	6.6	13.9	13.4	21.7
	9	9	12	-	30	5,760	5,760	5,760	-	11,700	3.43	19,200	5.63	28,800	8.44	1,200	1,431	3,050	5.5	6.6	13.9	13.4	21.7
	9	12	12	-	33	5,236	6,982	6,982	-	11,700	3.43	19,200	5.63	28,800	8.44	1,200	1,431	3,050	5.5	6.6	13.9	13.4	21.7

Heating

	Combination of Indoor Unit (kBTU/h Class)					Room Capacityv				Total Capacity						Input (W)			Current (A)			EER	SEER
										Min		Middle		Max									
Indoor Unit	Unit-A	Unit-B	Unit-C	Unit-D	Total	Unit-A (BTU/h)	Unit-B (BTU/h)	Unit-C (BTU/h)	Unit-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
2 Indoor Units	9	9	-	-	18	10,120	10,120	-	-	12,418	3.64	20,240	5.93	23,700	6.95	1,200	1,951	2,660	5.5	8.9	12.1	3.0	7.7
	9	12	-	-	21	9,857	13,143	-	-	12,765	3.74	23,000	6.74	27,700	8.12	1,260	2,174	3,010	5.7	9.9	13.7	3.1	7.7
	12	12	-	-	24	13,200	13,200	-	-	16,200	4.75	26,400	7.74	29,040	8.51	1,368	2,320	3,100	6.2	10.5	14.1	3.3	8.2
	9	18	-	-	27	8,800	17,600	-	-	16,200	4.75	26,400	7.74	31,500	9.23	1,428	2,320	3,100	6.5	10.5	14.1	3.3	8.2
	12	18	-	-	30	10,560	15,840	-	-	16,200	4.75	26,400	7.74	31,500	9.23	1,428	2,320	3,100	6.5	10.5	14.1	3.3	8.2
3 Indoor Units	9	9	9	-	27	8,800	8,800	8,800	-	16,200	4.75	26,400	7.74	32,000	9.38	1,308	2,207	3,090	5.9	10.2	14.0	3.5	9.4
	9	9	12	-	30	7,920	7,920	7,920	-	16,200	4.75	26,400	7.74	32,000	9.38	1,308	2,207	3,090	5.9	10.2	14.0	3.5	9.4
	9	12	12	-	33	7,200	9,600	9,600	-	16,200	4.75	26,400	7.74	32,000	9.38	1,308	2,207	3,090	5.9	10.2	14.0	3.5	9.4

Ducted Type Indoor Unit

Cooling

	Combination of Indoor Unit (kBTU/h Class)					Room Capacityv				Total Capacity						Input (W)			Current (A)			EER	SEER
										Min		Middle		Max									
Indoor Unit	Unit-A	Unit-B	Unit-C	Unit-D	Total	Unit-A (BTU/h)	Unit-B (BTU/h)	Unit-C (BTU/h)	Unit-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
2 Indoor Units	9	9	-	-	18	8,300	8,300	-	-	10,798	3.16	16,600	4.87	19,800	5.80	1,042	1,495	2,560	4.7	6.8	11.6	11.1	14.4
	9	12	-	-	21	7,286	9,714	-	-	12,000	3.52	17,000	4.98	23,100	6.77	1,084	1,504	2,830	4.9	6.8	12.9	11.3	14.4
	12	12	-	-	24	9,000	9,000	-	-	12,300	3.60	18,000	5.28	25,500	7.47	1,234	1,565	3,090	5.6	7.1	14.0	11.5	14.4
	9	18	-	-	27	6,000	12,000	-	-	12,300	3.60	18,000	5.28	27,500	8.06	1,324	1,565	3,090	6.0	7.1	14.0	11.5	14.4
	12	18	-	-	30	7,200	10,800	-	-	12,300	3.60	18,000	5.28	27,500	8.06	1,324	1,565	3,090	6.0	7.1	14.0	11.5	14.4
3 Indoor Units	9	9	9	-	27	6,000	6,000	6,000	-	12,300	3.60	18,000	5.28	28,800	8.44	1,260	1,525	3,050	5.7	6.9	13.9	11.8	16.4
	9	9	12	-	30	5,000	5,400	5,400	-	12,300	3.60	18,000	5.28	28,800	8.44	1,260	1,525	3,050	5.7	6.9	13.9	11.8	16.4
	9	12	12	-	33	4,909	6,545	6,545	-	12,300	3.60	18,000	5.28	28,800	8.44	1,260	1,525	3,050	5.7	6.9	13.9	11.8	16.4

Heating

	Combination of Indoor Unit (kBTU/h Class)					Room Capacityv				Total Capacity						Input (W)			Current (A)			EER	SEER
										Min		Middle		Max									
Indoor Unit	Unit-A	Unit-B	Unit-C	Unit-D	Total	Unit-A (BTU/h)	Unit-B (BTU/h)	Unit-C (BTU/h)	Unit-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
2 Indoor Units	9	9	-	-	18	10,000	10,000	-	-	12,418	3.64	20,000	5.86	23,700	6.95	1,240	1,967	2,660	5.6	8.9	12.1	3.0	7.9
	9	12	-	-	21	9,771	13,029	-	-	13,800	4.04	22,800	6.68	27,700	8.12	1,300	2,191	3,010	5.9	10.0	13.7	3.0	7.9
	12	12	-	-	24	13,100	13,100	-	-	16,500	4.84	26,200	7.68	29,040	8.51	1,408	2,327	3,100	6.4	10.6	14.1	3.3	8.1
	9	18	-	-	27	8,733	17,467	-	-	16,500	4.84	26,200	7.68	31,500	9.23	1,468	2,327	3,100	6.7	10.6	14.1	3.3	8.1
	12	18	-	-	30	10,480	15,720	-	-	16,500	4.84	26,200	7.68	31,500	9.23	1,468	2,327	3,100	6.7	10.6	14.1	3.3	8.1
3 Indoor Units	9	9	9	-	27	8,733	8,733	8,733	-	16,500	4.84	26,200	7.68	32,000	9.38	1,368	2,226	3,090	6.2	10.3	14.0	3.4	8.5
	9	9	12	-	30	7,860	7,860	7,860	-	16,500	4.84	26,200	7.68	32,000	9.38	1,368	2,226	3,090	6.2	10.3	14.0	3.4	8.5
	9	12	12	-	33	7,145	9,527	9,527	-	16,500	4.84	26,200	7.68	32,000	9.38	1,368	2,226	3,090	6.2	10.3	14.0	3.4	8.5



Flex Multi-Split • Combination of Indoor Unit

LMU369HV

Non Ducted Type Indoor Unit

Cooling

	Combination of Indoor Unit (kBTU/h Class)					Room Capacityv				Total Capacity						Input (W)			Current (A)			EER	SEER
										Min		Middle		Max									
Indoor Unit	Unit-A	Unit-B	Unit-C	Unit-D	Total	Unit-A (BTU/h)	Unit-B (BTU/h)	Unit-C (BTU/h)	Unit-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
2 Indoor Units	9	9	-	-	18	9,000	9,000	-	-	10,798	3.2	18,000	5.3	19,800	5.8	1,140	1,900	2,586	5.0	8.3	11.3	9.5	13.5
	9	12	-	-	21	9,000	12,000	-	-	12,597	3.7	21,000	6.2	23,100	6.8	1,266	2,110	2,872	5.5	9.2	12.5	10.0	14.1
	12	12	-	-	24	12,000	12,000	-	-	14,397	4.2	24,000	7.0	26,400	7.7	1,392	2,320	3,158	6.1	10.1	13.8	10.3	14.7
	9	18	-	-	27	9,000	18,000	-	-	16,197	4.7	27,000	7.9	29,700	8.7	1,452	2,420	3,294	6.3	10.6	14.4	11.2	15.8
	12	18	-	-	30	11,600	17,400	-	-	17,397	5.1	29,000	8.5	32,000	9.4	1,560	2,600	3,539	6.8	11.3	15.4	11.2	15.8
	18	18	-	-	36	18,000	18,000	-	-	21,596	6.3	36,000	10.5	39,600	11.6	1,728	2,880	3,920	7.5	12.6	17.1	12.5	17.8
3 Indoor Units	9	9	9	-	27	9,000	9,000	9,000	-	16,197	4.7	27,000	7.9	29,700	8.7	1,452	2,420	3,294	6.3	10.6	14.4	11.2	15.8
	9	9	12	-	30	9,000	9,000	12,000	-	17,996	5.3	30,000	8.8	33,000	9.7	1,560	2,600	3,539	6.8	11.3	15.4	11.5	16.4
	9	12	12	-	33	9,000	12,000	12,000	-	19,796	5.8	33,000	9.7	36,300	10.6	1,644	2,740	3,729	7.2	11.9	16.3	12.0	17.1
	12	12	12	-	36	11,333	11,333	11,333	-	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	9	9	18	-	36	8,500	8,500	17,000	-	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	9	12	18	-	39	7,846	10,462	15,692	-	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	12	12	18	-	42	9,714	9,714	14,571	-	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	9	18	18	-	45	6,800	13,600	13,600	-	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	12	18	18	-	48	8,500	12,750	12,750	-	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
4 Indoor Units	9	9	9	9	36	8,500	8,500	8,500	8,500	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	9	9	9	12	39	7,846	7,846	7,846	10,462	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	9	9	12	12	42	7,286	7,286	9,714	9,714	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	9	12	12	12	45	6,800	9,067	9,067	9,067	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	9	9	9	18	45	6,800	6,800	6,800	13,600	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	12	12	12	12	48	8,500	8,500	8,500	8,500	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5

Heating

	Combination of Indoor Unit (kBTU/h Class)					Room Capacityv				Total Capacity						Input (W)			Current (A)			EER	SEER
										Min		Middle		Max									
Indoor Unit	Unit-A	Unit-B	Unit-C	Unit-D	Total	Unit-A (BTU/h)	Unit-B (BTU/h)	Unit-C (BTU/h)	Unit-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
2 Indoor Units	9	9	-	-	18	10,350	10,350	-	-	12,418	3.6	20,700	6.1	22,770	6.7	1,248	2,080	2,416	5.4	9.1	10.5	2.9	9.3
	9	12	-	-	21	10,350	13,800	-	-	14,487	4.2	24,150	7.1	26,510	7.8	1,524	2,540	2,950	6.6	11.1	12.9	2.8	8.9
	12	12	-	-	24	13,800	13,800	-	-	16,557	4.9	27,600	8.1	30,360	8.9	1,554	2,590	3,008	6.8	11.3	13.1	3.1	10.0
	9	18	-	-	27	10,350	20,700	-	-	18,626	5.5	31,050	9.1	33,000	9.7	1,740	2,900	3,368	7.6	12.6	14.7	3.1	10.0
	12	18	-	-	30	13,800	20,700	-	-	20,696	6.1	34,500	10.1	36,300	10.6	1,932	3,220	3,740	8.4	14.0	16.3	3.1	10.0
	18	18	-	-	36	19,000	19,000	-	-	22,795	6.7	38,000	11.1	37,400	11.0	2,118	3,530	4,100	9.2	15.4	17.9	3.2	10.1
3 Indoor Units	9	9	9	-	27	10,350	10,350	10,350	-	18,626	5.5	31,050	9.1	34,100	10.0	1,740	2,900	3,368	7.6	12.6	14.7	3.1	10.0
	9	9	12	-	30	10,350	10,350	13,800	-	20,696	6.1	34,500	10.1	37,400	11.0	1,932	3,220	3,740	8.4	14.0	16.3	3.1	10.0
	9	12	12	-	33	10,350	13,800	13,800	-	22,765	6.7	37,950	11.1	38,500	11.3	2,040	3,400	3,949	8.9	14.8	17.2	3.3	10.4
	12	12	12	-	36	13,667	13,667	13,667	-	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	9	9	18	-	36	10,250	10,250	20,500	-	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	9	12	18	-	39	9,462	12,615	18,923	-	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	12	12	18	-	42	11,714	11,714	17,571	-	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	9	18	18	-	45	8,200	16,400	16,400	-	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	12	18	18	-	48	10,250	15,375	15,375	-	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
4 Indoor Units	9	9	9	9	36	10,250	10,250	10,250	10,250	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	9	9	9	12	39	9,462	9,462	9,462	12,615	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	9	9	12	12	42	8,786	8,786	11,714	11,714	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	9	12	12	12	45	8,200	10,933	10,933	10,933	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	9	9	9	18	45	8,200	8,200	8,200	16,400	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
12	12	12	12	48	10,250	10,250	10,250	10,250	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5	



FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

LMU369HV

Ducted Type Indoor Unit

Cooling

	Combination of Indoor Unit (kBTU/h Class)					Room Capacityv				Total Capacity						Input (W)			Current (A)			EER	SEER
										Min		Middle		Max									
Indoor Unit	Unit-A	Unit-B	Unit-C	Unit-D	Total	Unit-A (BTU/h)	Unit-B (BTU/h)	Unit-C (BTU/h)	Unit-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
2 Indoor Units	9	9	-	-	18	9,000	9,000	-	-	10,798	3.2	18,000	5.3	19,800	5.8	1,188	1,980	2,695	5.2	8.6	11.7	9.1	12.7
	9	12	-	-	21	9,000	12,000	-	-	12,597	3.7	21,000	6.2	23,100	6.8	1,320	2,200	2,995	5.8	9.6	13.1	9.5	13.4
	12	12	-	-	24	12,000	12,000	-	-	14,397	4.2	24,000	7.0	26,400	7.7	1,452	2,420	3,294	6.3	10.6	14.4	9.9	13.9
	9	18	-	-	27	9,000	18,000	-	-	16,197	4.7	27,000	7.9	29,700	8.7	1,518	2,530	3,443	6.6	11.0	15.0	10.7	14.9
	12	18	-	-	30	11,600	17,400	-	-	17,397	5.1	29,000	8.5	32,000	9.4	1,626	3,710	3,688	7.1	11.8	16.1	10.7	15.0
	18	18	-	-	36	16,500	16,500	-	-	19,796	5.8	33,000	9.7	35,000	10.3	1,800	3,000	4,083	7.8	13.1	17.8	11.0	15.4
3 Indoor Units	9	9	9	-	27	9,000	9,000	9,000	-	16,197	4.7	27,000	7.9	29,700	8.7	1,518	2,530	3,443	6.6	11.0	15.0	10.7	14.9
	9	9	12	-	30	9,000	9,000	12,000	-	17,996	5.1	30,000	8.8	33,000	9.7	1,626	3,710	3,688	7.1	11.8	16.1	11.1	15.5
	9	12	12	-	33	9,000	12,000	12,000	-	19,796	5.8	33,000	9.7	36,300	10.6	1,716	2,860	3,892	7.5	12.5	17.0	11.5	16.2
	12	12	12	-	36	11,333	11,333	11,333	-	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	9	9	18	-	36	8,500	8,500	17,000	-	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	9	12	18	-	39	7,846	10,462	15,692	-	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	12	12	18	-	42	9,714	9,714	14,571	-	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	9	18	18	-	45	6,800	13,600	13,600	-	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	12	18	18	-	48	8,500	12,750	12,750	-	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
4 Indoor Units	9	9	9	9	36	8,500	8,500	8,500	8,500	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	9	9	9	12	39	7,846	7,846	7,846	10,462	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	9	9	12	12	42	7,286	7,286	9,714	9,714	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	9	12	12	12	45	6,800	9,067	9,067	9,067	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	9	9	9	18	45	6,800	6,800	6,800	13,600	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	12	12	12	12	48	8,500	8,500	8,500	8,500	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5

Heating

	Combination of Indoor Unit (kBTU/h Class)					Room Capacityv				Total Capacity						Input (W)			Current (A)			EER	SEER
										Min		Middle		Max									
Indoor Unit	Unit-A	Unit-B	Unit-C	Unit-D	Total	Unit-A (BTU/h)	Unit-B (BTU/h)	Unit-C (BTU/h)	Unit-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
2 Indoor Units	9	9	-	-	18	10,350	10,350	-	-	12,418	3.6	20,700	6.1	22,770	6.7	1,302	2,170	2,520	5.7	9.5	11.0	2.8	8.5
	9	12	-	-	21	10,350	13,800	-	-	14,487	4.2	24,150	7.1	26,510	7.8	1,536	2,560	2,973	6.7	11.2	13.0	2.8	8.8
	12	12	-	-	24	13,800	13,800	-	-	16,557	4.9	27,600	8.1	30,360	8.9	1,614	2,690	3,124	7.0	11.7	13.6	3.0	9.0
	9	18	-	-	27	10,350	20,700	-	-	18,626	5.5	31,050	9.1	33,000	9.7	1,812	3,020	3,508	7.9	13.2	15.3	3.0	9.0
	12	18	-	-	30	13,800	20,700	-	-	20,696	6.1	34,500	10.1	36,300	10.6	2,010	3,350	3,891	8.8	14.6	17.0	3.0	9.0
	18	18	-	-	36	19,000	19,000	-	-	22,795	6.7	38,000	11.1	37,400	11.0	2,208	3,680	4,274	9.6	16.0	18.6	3.0	9.0
3 Indoor Units	9	9	9	-	27	10,350	10,350	10,350	-	18,626	5.5	31,050	9.1	34,100	10.0	1,812	3,020	3,508	7.9	13.2	15.3	3.0	9.0
	9	9	12	-	30	10,350	10,350	13,800	-	20,696	6.1	34,500	10.1	37,400	11.0	2,010	3,350	3,891	8.8	14.6	17.0	3.0	9.0
	9	12	12	-	33	10,350	13,800	13,800	-	22,765	6.7	37,950	11.1	38,500	11.3	2,130	3,550	4,123	9.3	15.5	18.0	3.1	9.2
	12	12	12	-	36	13,667	13,667	13,667	-	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	9	9	18	-	36	10,250	10,250	20,500	-	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	9	12	18	-	39	9,462	12,615	18,923	-	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	12	12	18	-	42	11,714	11,714	17,571	-	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	9	18	18	-	45	8,200	16,400	16,400	-	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	12	18	18	-	48	10,250	15,375	15,375	-	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
4 Indoor Units	9	9	9	9	36	10,250	10,250	10,250	10,250	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	9	9	9	12	39	9,462	9,462	9,462	12,615	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	9	9	12	12	42	8,786	8,786	11,714	11,714	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	9	12	12	12	45	8,200	10,933	10,933	10,933	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	9	9	9	18	45	8,200	8,200	8,200	16,400	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	12	12	12	12	48	10,250	10,250	10,250	10,250	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5



INNOVATIVE COMFORT SOLUTIONS

Packaged Terminal Air Conditioners

Ultra-quiet operation is the hallmark of LG's new line of PTAC products. Low decibel levels and an outstanding sound-prevention rating make this your best choice for a quiet environment. And with efficiency ratings up to 11.6 EER, these units are also your energy efficient choice.

Other features include standard connections for remote thermostat and front desk controls. Gold Fin™ technology protects the unit from the corrosive effects of outside air and extends the operating life of PTAC models. And the industry standard size makes installation easy and economical.



7,000-15,000 BTUs



Digital Control Panel



Wireless Environmental Control Manager (ECM)

PACKAGED TERMINAL AIR CONDITIONERS

PTAC Features & Benefits



R 410A Refrigerant
Ozone-Friendly
Refrigerant utilized in the majority of LG systems



Digital Control Display Includes:

- **Temperature Display on Unit**
Precise and easy to use.
ADA compliant.
- **Cooling, Heating and Fan Modes**
One unit for all seasons.
- **Energy Saver Mode**
Helps to lower energy consumption
operational costs and saves money.
- **Auto Restart**
Automatically restarts to programmed
setting when the electricity comes on
after a power failure.
- **Auto Changeover Cool / Heat**

Ventilation Filter
Polymeric mesh filter allows
Clean, fresh air into the living
Space. Suitable for Hospitality,
Health Care, Assisted Living
applications.

Separate Indoor & Outdoor Motors*
Dual motor configuration allows the
lowest sound rating in the industry
while also promoting the highest
level of energy efficiency for LG.

Defrost Control
(Heat Pump Models Only)
Shuts down the indoor fan to
prevent cold air from being
blown into the room. Also
removes frost from outdoor
coil when the outdoor
temperature is low.

Sensors
4 Sensors provide highly
efficient operation and maxi-
mize guest comfort.

Pressure control
Protects guests by shut-
ting down the compressor
on abnormal high pressure
condition

LG Environmental Control Manager (ECM)

- Digital touch-screen controls
- Intergrated occupancy sensor
- Built-in wireless networking
- Web-based remote management
- Effortless installation
- Unprecedented energy savings for LG



Wireless PTAC Control Card
• Snaps directly to PTAC Control Board

High-Efficiency Rotary Compressor
Energy efficient and
maintenance-free
operation.



Gold Fin™ Anti-Corrosion
Protects the unit from the corrosive effects of outside air
and extends the operating life of PTAC models. LG's pat-
ented process is standard on ALL LG PTAC models.



Ceramic Heater
Even, stable and safe heating platform.

*230V 2.5, 3.5kW & 5kW only

Emergency Heat
(Heat Pump Models Only) Bypasses
compressor operation and activates the
ceramic or coil heater during periods
of extreme cold. Promotes high level of
guest comfort.

Freeze Room Protection
Electronic temperature controls
constantly monitor and
maintain indoor temperature to
prevent freezing.

Dip Switch setting
Saves money by control the Lowest &
Highest temperature

Power Cord
Included (contact your local LG
rep for confirmation)

1-year full system warranty, parts and labor. Warranty on unit for years 2-5: parts only, exclusive of the refrigeration system.
Warranty on sealed refrigeration system: 5 year, parts and labor. See pages 62-64 for part and accessoris.

PACKAGED TERMINAL AIR CONDITIONERS

7,000-15,000 BTUs Digital Control (230V)

- C
- LP073CD2(3)A (H/C Model)
7,400 BTUs Cooling & Heating
- LP093CD3A (H/C Model)
9,000 BTUs Cooling & Heating
- LP123CD3A (H/C Model)
11,800 BTUs Cooling & Heating
- LP153CD3(5)A (H/C Model)
14,300 BTUs Cooling & Heating

- C H
- LP073HD2(3)A (Heat Pump Model)
7,400 BTUs Cooling & Heating
- LP093HD3A (Heat Pump Model)
9,000 BTUs Cooling & Heating
- LP123HD3A (Heat Pump Model)
11,800 BTUs Cooling & Heating
- LP153HD3(5)A (Heat Pump Model)
14,700 BTUs Cooling & Heating



FEATURES:

- Gold Fin™ anti-corrosion treatment
 - Cooling mode
 - Heating mode
 - Fan mode
 - Energy saver mode
 - Auto restart
- Digital temperature control
 - Front desk control connection
 - Dip switch settings
 - Evaporator frost control
 - Temperature display on unit
 - Freeze room protection
- Pressure control
 - Ceramic heater(2.5, 3 & 5kW)
System Includes:
 - Wall unit
 - Installation manual
 - UL# : SA13362

System Model #	LP073CD2A LP073CD3A	LP093CD3A	LP123CD3A	LP153CD3A LP153CD5A	LP073HD2A	LP093HD3A	LP123HD3A	LP153HD3A
Control Type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Performance								
Capacity (BTUs)	<div>C</div> <div>H</div> 7,400/7,200	9,000/8,800	11,800/11,600	14,300/14,100	7,400/7,200 6,400/6,200	9,000/8,800 8,100/7,900	11,800/11,600 10,800/10,600	14,700/14,500 12,100/11,900
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
EER	11.6	11.0	10.6	9.2	11.6	11.0	10.6	9.4
Air Circulation (CFM H/L)	300/265	255/220	255/220	388/353	300/265	255/220	388/353	388/353
Fan Speeds (Cooling/Heating/Fan)	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2
Dehumidification (pts/hr)	1.6 (LP073CD2A) 2.0 (LP073CD3A)	2.6	3.5	3.9 (LP153CD3A) 4.4 (LP153CD5A)	1.6 (LP073HD2A) 2.0 (LP073HD3A)	2.6	3.5	4.1 (LP153HD3A) 4.6 (LP153HD5A)
Indoor dB(A)*	45/43	46/44	50/48	50/48	45/43	46/44	50/48	50/48
Outdoor dB(A)*	61	61	63	63	61	61	63	63 (LP153HD3A) 65 (LP153HD5A)
STC	30	30	30	30	30	30	30	30
Electrical								
Rated Voltage	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1
Electric Heater (kW)	2.5 (LP073CD2A) 3.5 (LP073CD3A)	3.5	3.5	3.5 (LP153CD3A) 5 (LP153CD5A)	2.5 (LP073HD2A) 3.5 (LP073HD3A)	3.5	3.5	3.5 (LP153HD3A) 5 (LP153HD5A)
Circuit Breaker (A)	15 (LP073CD2A) 20 (LP073CD3A)	20	20	20 (LP153CD3A) 30 (LP153CD5A)	15 (LP073HD2A) 20 (LP073HD3A)	20	20	20 (LP153HD3A) 30 (LP153HD5A)
Dimension								
W x H x D (inches)	42 x 16 x 19 7/8	42 x 16 x 19 7/8	42 x 16 x 19 7/8	42 x 16 x 19 7/8	42 x 16 x 19 7/8	42 x 16 x 19 7/8	42 x 16 x 19 7/8	42 x 16 x 19 7/8
Weight (lbs.)	93	101.6	101.6	105.8	95.7	105.2	105.2	113.8
Thermostat Range								
Cooling/Heating (°F)**	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86

*LG verified sound rating
**Adjustable by temperature limiting with DIP switches on the unit

1-year full system warranty, parts and labor. Warranty on unit for years 2-5: parts only, exclusive of the refrigeration system.
Warranty on sealed refrigeration system: 5 year, parts and labor.

WIRELESS WALL THERMOSTAT FOR LG PTACS & DUCTLESS SPLIT SYSTEMS

Wireless Energy Management Digital Thermostat



The LG Environmental Control Manager (ECM), a revolutionary environment management controller specifically designed for the hospitality industry, delivers unprecedented energy savings – without compromising guest comfort.

- ECM Kit includes the thermostat and the PTAC Control Card
- Network Connection Kit includes Network Server, Network Node, Programming unit, USB Cable, RJ-45 Cable, 2 AAA Batteries.

Touch-Screen Interface

Large, ADA compliant, touchscreen with automatic backlight and virtual buttons makes it easy for anyone to control the temperature with a touch of a finger.

Occupancy Detection

Integrated occupancy sensor uses a combination of motion and thermal sensing technologies for 100% reliable occupancy detection.

Energy Savings

Advanced energy management features use occupancy detection to completely eliminate unnecessary energy consumption without compromising guest comfort.

Wireless Networking

Built-in secure, wireless meshnet-working capability allows for rapid deployment, keeping installation costs to a minimum.

Remote Management

Web-based, remote management application allows remote monitoring, configuration and statistical reporting from any computer connected to the internet.

Full HVAC Compatibility

Comprehensive configuration options ensure full interoperability with virtually any hospitality HVAC system - existing or emerging.



PTAC Control Card



Network Server



Network Node



Programming Unit*

* Programmer is needed to sync the thermostat with the control card on the PTAC. 1 Programmer is needed per property.

PACKAGED TERMINAL AIR CONDITIONERS

Parts & Accessories

Description	Model #	Description	Model #	Description	Model #
42" Wall Sleeve	AYSVB01A	Wireless ECM with Humidity Kit	PYRCUCC1HA	Condensate Disposal Kit 230/208V	AYCD2101
42" Stamped Aluminum Rear Grille	AYRGALA01	Digital Wired Wall Thermostat	PYRCUCA0A	Condensate Drain Kit	AYDR101
Architecture Grille - Aluminum	AYAGALA01A	Network Connection Kit	PYNTU0A	Lateral Duct Kit	AYLD1A
Architecture Grille - Dark Bronze	AYAGALB01A	EMS/Front Desk		Leveling Legs	AYLL101
Architecture Grille - Soft Dove	AYAGALC01A	Control Connection Kit	AYFD101	Control Panel Key Lock	AYCP101
Air Splitter	AYSP101	PTAC Programmer	AYNUU0A	Built-in Control Cover Kit - 10 Pack	AYRE110
		Sub Base 20A 230/208V	AYSB1101A	Replacement Filter - 10 Pack	AYFT110
		Sub Base 30A 230/208V	AYSB2101A		



42" Wall Sleeve
AYSVB01A



42" Stamped Aluminum Grille
AYRGALA01



Architecture Grille - Aluminum
AYAGALA01A



Architecture Grille - Dark Bronze
AYAGALB01A



Architecture Grille - Soft Dove
AYAGALC01A



PTAC Programmer
AYNUU0A



Digital Wired Wall Thermostat
PYRCUCA0A



EMS/Front Desk Control Connection Kit
AYFD101



Wireless Environmental Control Manager (ECM)
with Occupancy Sensor PYRCUCC1HA



Hardwire Kit
AYHW101



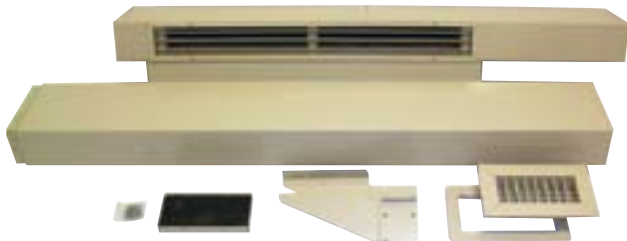
Condensate Disposal Kit
AYCD2101



Condensate Drain Kit
AYDR101

PACKAGED TERMINAL AIR CONDITIONERS

Parts & Accessories



Lateral Duct Kit
AYLD1A



Leveling Legs
AYLL101

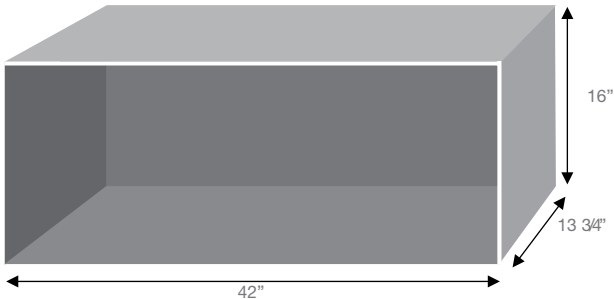
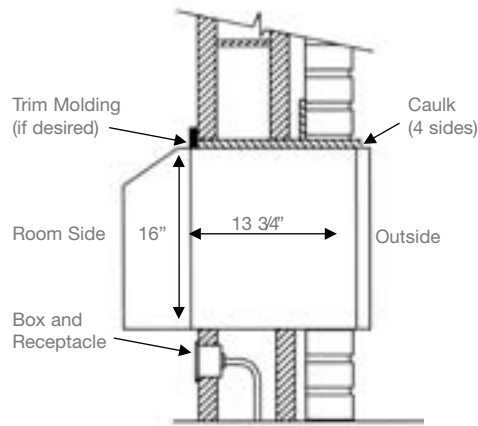


Control Panel Key Lock
AYCP101



Replacement Filter 10-Pack
AYFT110

Installation • Quick Reference





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For technical support on a DFS and PTAC TTW Product call 1-866-543-8324.
For general information call your local LG Sales Representative

