



Residential and Light Commercial Air Conditioning Systems

Beautifully Designed to Save



Beautifully Designed to Save



As air conditioners have reached high levels of technological sophistication, the focus on today's air conditioners has transitioned beyond just heating and cooling capabilities to encompass other features, such as design and energy efficiency.

Indeed, LG air conditioners go far beyond the basics, featuring a range of aesthetically refined designs suitable for any home or office interior decor. Room-enhancing design is just one of the many ways LG air conditioners will complement your living environment, while providing clean, comfortable air.

Over the years, LG has strived to meet the demand for high quality air conditioning solutions with greater energy efficiency, resulting in remarkable cost savings for your home and business. Furthermore, LG's air conditioners are sturdy, reliable products with prolonged lifespans designed to provide years of worry-free performance.



Over the past decade, LG has devoted its utmost in both capability and effort into the North American HVAC market. LG promises to continue offering consumers products that go far beyond their expectations.

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, 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 required. Multi zone systems are also available.

Through-The-Wall Models

LG's Through-The-Wall models offer versatile, energy efficient solutions for residential and light commercial applications. Both cooling and heat/cool models are available in a variety of capacities. The standard size chassis fits into any competitive sleeve, making upgrades a breeze.

PTAC Models

LG's new PTAC units are perfect for lodging and healthcare applications. These units have a low decibel level and outstanding sound prevention rating.

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™ Gallery Inverter Panel looks like a picture frame – any art or photograph can be displayed. Other Art Cool™ units come in a black or white finish to suit any room.
- **INVERTER V** Inverter heat pump air conditioners use a variable speed compressor, rather than the constant speed compressor 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. The AC unit is quieter to operate and uses less energy than conventional ACs, which cycle on and off.
- **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™ 3-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.** 4-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 zone. Removes frost from outdoor coil when the outdoor temperature is low.
- **Temperature Display.** Shows room temperature measured by the indoor 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.
- **Gold Fin™.** All DFS system outdoor unit coils have a corrosion resistant GoldFin™ coating standard from the factory. GoldFin™ will promote sustainable efficiency and coil life by helping to prevent corrosion caused by everyday pollutants.

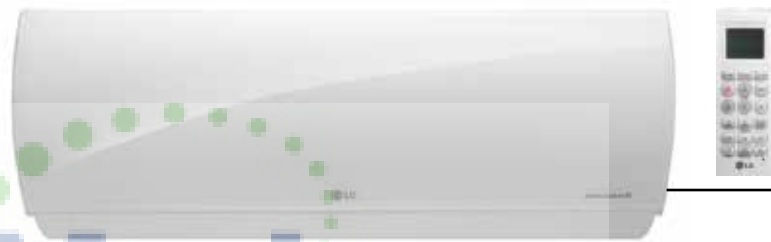
NOTE: All features are not available on all models. See product spec sheet for details.

Art Cool™ Premier Single Zone

INVERTER V

Energy Efficiency

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



Indoor Unit with Remote

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Your Appliance Authority™

800-570-3355

Ultra Quiet

LG air conditioners operate at low sound levels, thanks to LG's unique new cross-flow fan and BLDC motor technology.



Outdoor Unit

INVERTER V





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LG Air Conditioner **Art Cool™ Premier**
Inverter V

In addition to stylish design, LG Art Cool™ Premier brings with it an unrivaled package of the most complete air conditioning solutions.

Energy Efficiency



SEER
28.0

(LS090HYV)

Top Tier Energy Efficiency



Ultra Quiet

17dB(A)

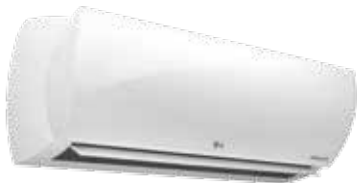
Sound Level
(Sleep Mode)

Cross-Flow Fan / BLDC Motor



800-570-3355

Model View



Energy Efficiency



BLDC Motor



Ultra Quiet



Stylish Design



Quick & Easy Installation

Unique Features

Energy Efficiency

State-of-the-art heat exchanger, air outlet, compressor, and inverter technology provide the world's highest energy efficiency.



Indoor Unit: Strategically designed heat exchanger and air outlet contribute to the efficient usage of energy while providing maximum cooling.

1



Outdoor Unit: The advanced compressor and inverter technology of LG enables the user of the air conditioner to use more and save more.

2

Ultra Quiet

LG's unique new cross-flow fan and low vibrating compressor technology provides very little noise and comfort for the user.



Indoor Unit: With fan blades 23% larger than the previous cross-flow fan, the sound level has been decreased even lower to 17dB(A)* - more quiet than a library.

3



Outdoor Unit: The interior of the compressor in the outdoor unit has been constructed to minimize the sound produced during operation.

4

Optimized Airflow

The optimized design of the air outlet provides strong airflow, which cools the room temperature up to 9 degrees in as few as 5.6 minutes.



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

Heating

Use more and save more with the highly efficient LG Heat Pump system and inverter technology. LG delivers the promise of warm comfort.



Use more and save more with the highly efficient LG Heat Pump system and inverter technology. LG delivers the promise of warm comfort.

Stylish Design

LG air conditioners are not just refreshingly efficient, but also exceptionally elegant in 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 room.

5

Quick & Easy Installation

Installation has never been easier than with the conveniently designed installation elements of LG air conditioners.



Great finishing / Installation plate improvement / Detachable bottom cover / Elevated service valve / Installation support clip.

6

* Sleep mode



1 3-Row Heat Exchanger



2 DC Inverter
4 Twin Rotary Compressor



3 Cross-Flow Fan & BLDC Motor



5 Stylish Design

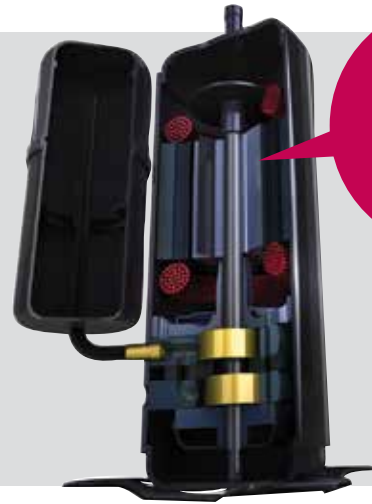
6 Quick & Easy Installation

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Energy Efficiency



The revolutionary inverter technology of LG boasts powerful yet silent performance while minimizing energy consumption by as much as 35%, over constant speed compressors.

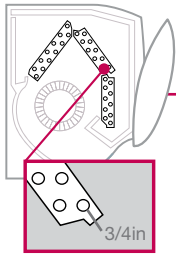


Top Class
Efficiency
28.0
SEER

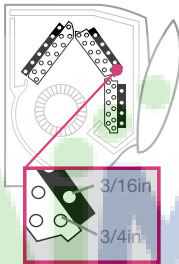
(LS090HYV)
AHRI #5265353
(4/27/2012)

1 3-Row Hybrid Heat Exchanger

Previous - 2-Row

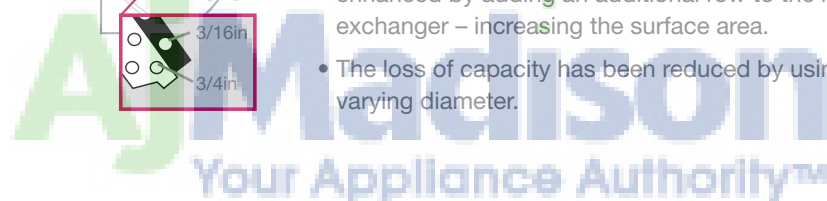


New - 3-Row



Improved energy efficiency by application of 3-Row hybrid heat exchanger

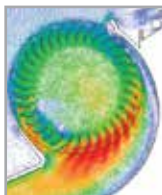
- The efficiency of the heat exchanger has been greatly enhanced by adding an additional row to the hybrid heat exchanger – increasing the surface area.
- The loss of capacity has been reduced by using tubes of varying diameter.



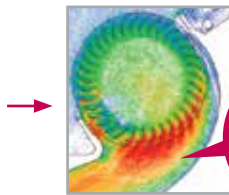
2 Improved Cross-Flow Fan

By reducing the second vortex, which constricts airflow within the air outlet, and enlarging the fan size by 23%, the amount of airflow increased from 424 CFM to 547 CFM.

Streamline Constructed Air Outlet



Previous



New

Improved Air Velocity Distribution



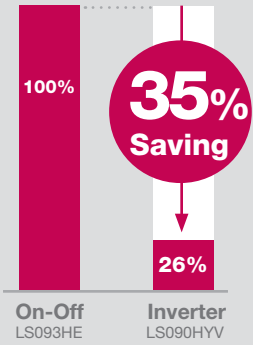
Increased Fan Size



Previous: 3-1/4in

New: 4in



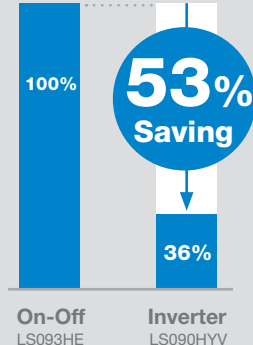


Heating Season

LG In-House Standard
Temperature Setting: 73.4°F
Outside Temperature: 44.6°F
Electricity consumed to reach the set-point temperature

Total Electricity Consumption Comparison

Model	Total Consumption (kWh)	Energy Saving Rate
Non-INV LS093HE	1.2	74%
INV LS090HYV	0.31	



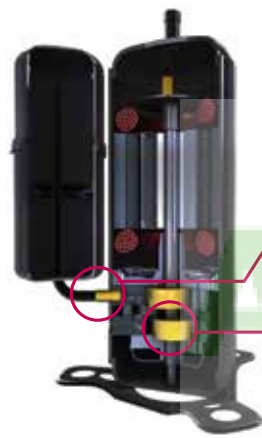
Cooling Season

KSC 9306 Monthly Energy Consumption
On-Off: Electricity Consumed x Operation Factor x Time Used x Days Used
Inverter: SEER calculation method

KSC 9306 Electricity Consumption Comparison

Model	Cooling Power (kW)	Monthly Consumption (kWh)	Energy Saving Rate
Non-INV LS093HE	3.5	280.8	64%
INV LS090HYV	3.5	100.6	

3 High Efficiency Twin Rotary Compressor



Suction Rotary Compressor

The number of suctions have been reduced from two to one to increase the efficiency of refrigerant compression during the more frequently occurring low speed range.

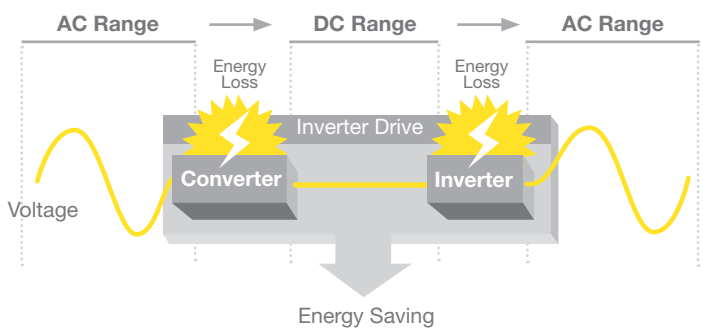
Motor Efficiency

The DC motor in LG air conditioner compressors boasts world class efficiency levels.

4 Improved Inverter Drive Efficiency

How It Works

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

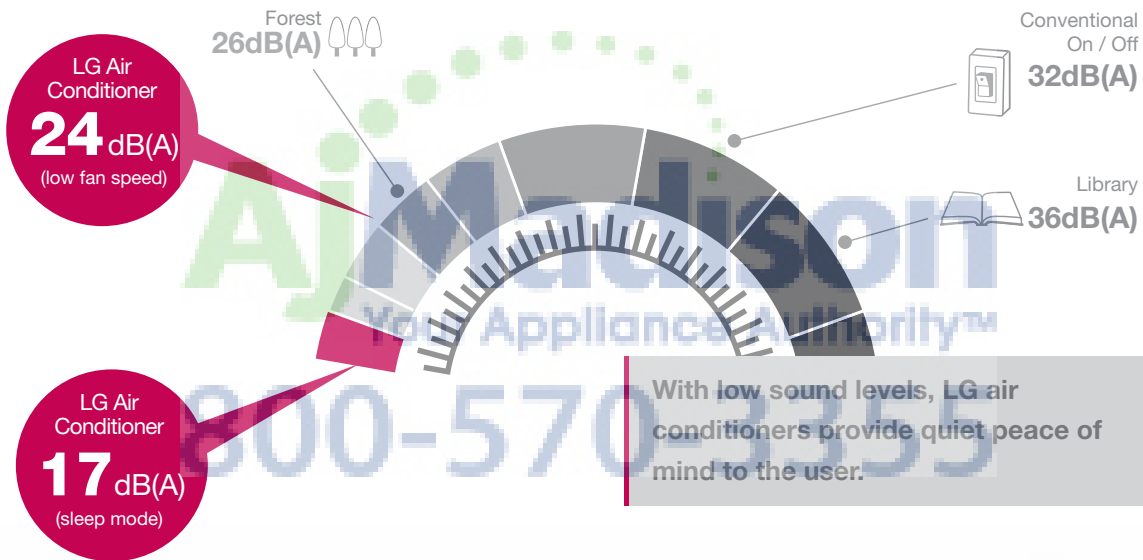


Ultra Quiet



LG's unique new cross-flow fan and low vibrating compressor technology have achieved world class sound levels even more quiet than a library!

Low Noise 17dB(A) (sleep mode)

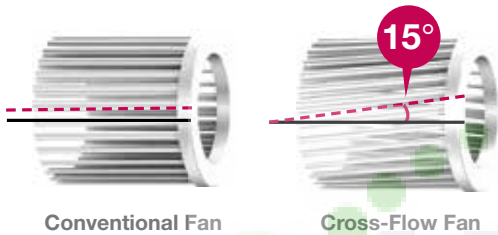


With low sound levels, LG air conditioners provide quiet peace of mind to the user.



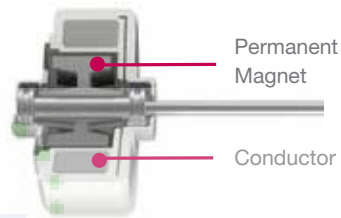


1 LG Unique Cross-Flow Fan



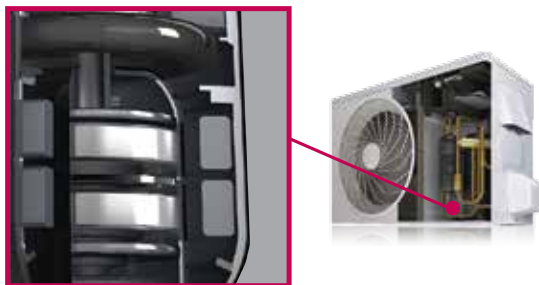
By minimizing the surface pressure of the fan blade when in contact with the air, the peak noise is reduced to a level that is among the lowest in the world.

2 BLDC Fan Motor



With strong torque and powerful Neodymium 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.

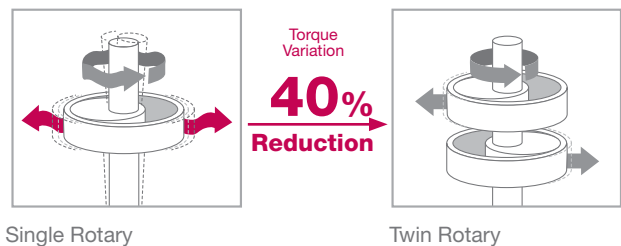
3 Low Vibration Compressor



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% compared to a single rotary compressor.

Single Rotary VS Twin Rotary

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



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Optimized Airflow

Jet Cool



9°F

The optimized design of the air outlet provides strong airflow which cools the room temperature up to 9°F in as few as 5.6 minutes time.



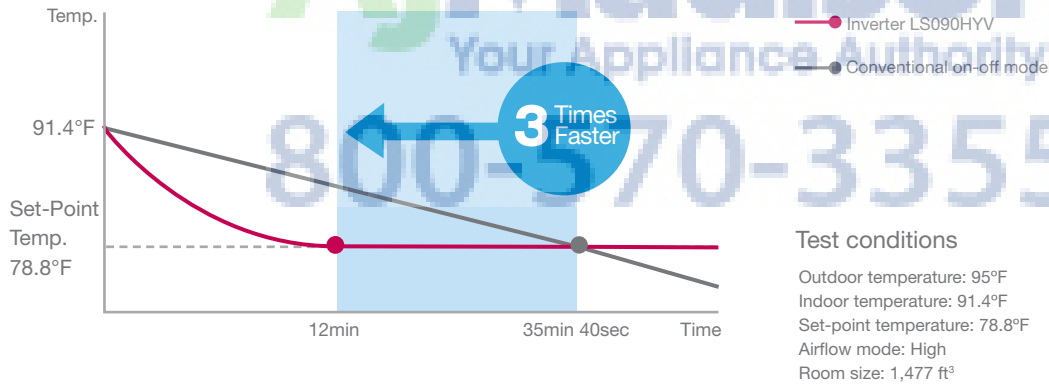
Jet Cool

Jet Cool disperses air evenly at high speed to ensure the room is optimally cool in as few as 5.6 minutes.

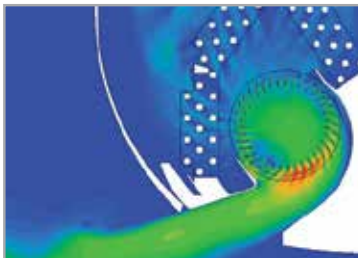
- The optimized air outlet design increases the velocity of internal circulation by 20%.

Faster Cooling

Reaching the set-point temperature is up to 3 times faster than non-inverter models.



How we achieved ever powerful performance



Increasing the fan size by 23% and reducing the second vortex (which constricts airflow within the air outlet) resulted in an overall increase to the amount of airflow.

Optimized Airflow

4-Way Swing

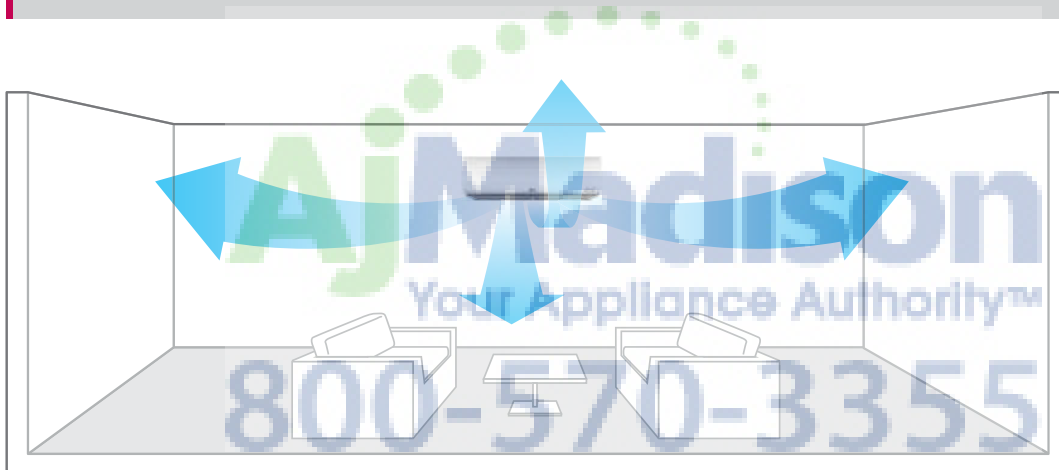


LG air conditioners can deliver cool air to every corner of your room. The 4-Way swing function blows the air quickly and efficiently in multiple directions.



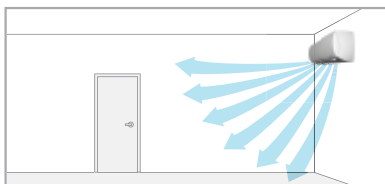
4-Way Swing

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

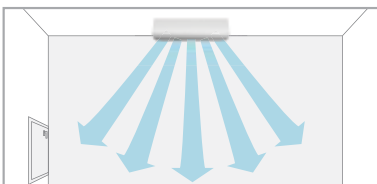


- Direction of horizontal vane can be adjusted from step 1 to step 6 with full auto swing. This function can cool specific areas much faster.
- Direction of vertical louver can be adjusted from step 1 to step 5, left and right, with full auto swing. This function also allows the air conditioner to cool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

6 Step Horizontal Vane



5 Step Vertical Louver



Optimized Airflow



Heating

High Efficiency



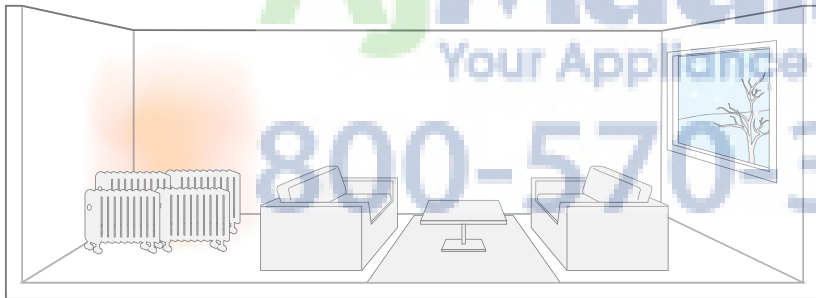
Use more and save more with the highly efficient LG Heat Pump system with inverter technology. LG delivers the promise of warm comfort.

Efficient Heat Pump System

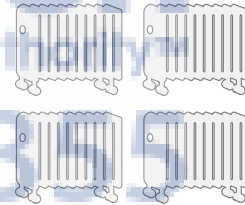
LG Heat Pumps save up to 76% more energy than electric heaters.

While it takes the simultaneous operation of four electric heaters that consume 4.0kW of electricity, one LG inverter air conditioner requires only 0.8kW of electricity to deliver the same capacity.

Electric Heaters



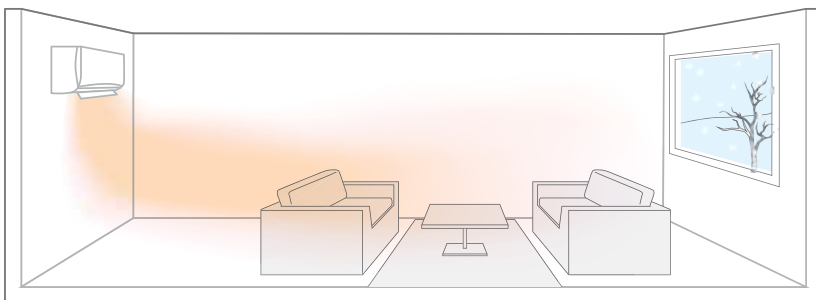
13657.7 BTU/h Heat Energy Output



Energy Consumption

4.0kW

LG Heat Pump



13657.7 BTU/h Heat Energy Output



Energy Consumption

0.8kW

Inverter model: LS120HYV

Test conditions

Outdoor temperature: 44.6°F Set-point temperature: 73.4°F

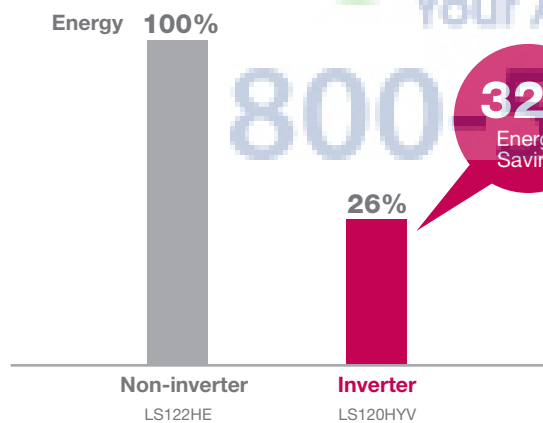
Test conditions assuming general Electric Heaters' electric power consumption is 1000W



Inverter Technology

Heat pump products have been receiving a considerable amount of attention recently for their energy-saving effects. In fact, inverter heat pump products have significantly higher energy efficiency than constant-speed, non-inverter units. As a result, LG Inverter products can help you save up to 32% more energy when heating.

Energy Saving when Heating



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Inverter model: LS120HYV
 Non-inverter model: LS122HE
 Electricity consumed in reaching the set-point temperature
 Test conditions
 Outdoor temperature: 44.6°F
 Set-point temperature: 73.4°F

Heating

Power Heating



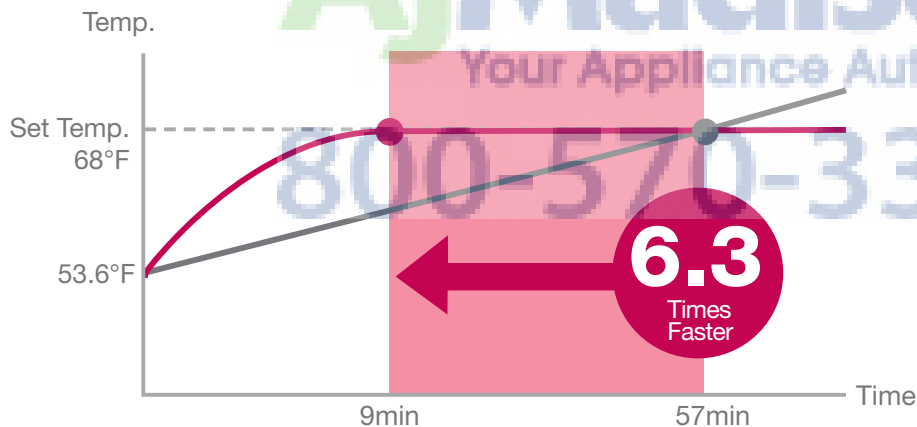
LG air conditioners heat a wider space in a shorter period of time, creating a warm and comfortable living environment.

Rapid 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-point temperature is 6.3 times faster than non-inverters.



- Inverter LS090HYV
- Conventional on-off model

Test conditions

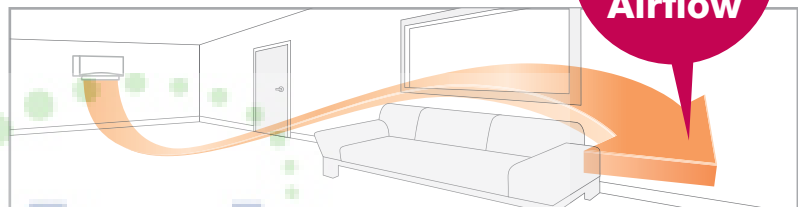
Outdoor temperature: 44.6°F
Indoor temperature: 53.6°F
Setting temperature: 68°F
Airflow mode: High
Room size: 1,477 ft³



Optimized Airflow

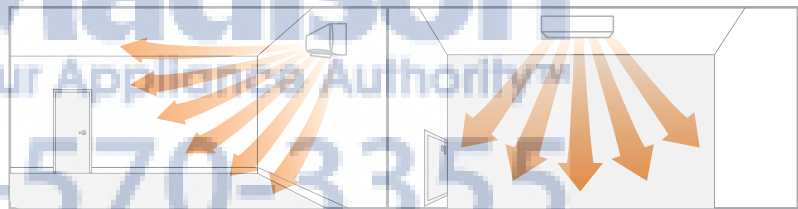
39 feet Powerful Airflow

LG's new larger fans allow you to feel the air up to 39 feet away. That means heating is fast and powerful, and helps you feel warm sooner.



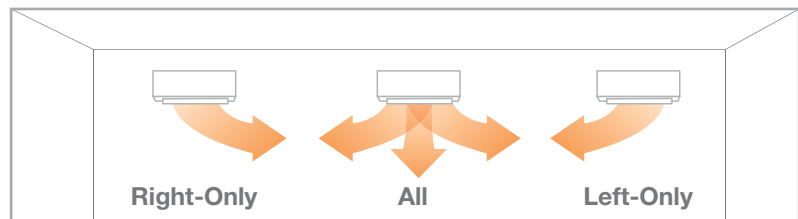
Vertical 6 Steps & Horizontal 5 Steps

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



Easy Airflow Control

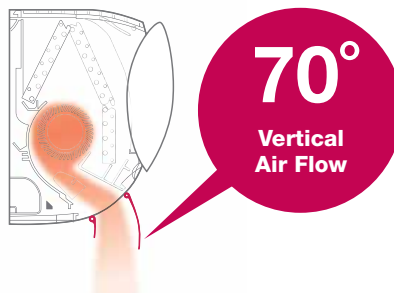
The LG air conditioning units can automatically distribute air in 4 directions.



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 downward 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 a decoration that will lighten up your living room.

Art Cool™ Premier



Stylish Pattern

Stylishly pearlized 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



Discrete Display

With no separate or noticeable display panel, the discreet LED display is only visible when the air conditioner is operational



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High Wall Duct-Free Art Cool™ Premier Energy Efficiency Single Zone



9,000 BTU/h

12,000 BTU/h

LS090HYV (H/P Model)

- 9,000 BTU/h Cooling
- 11,000 BTU/h Heating

LS120HYV (H/P Model)

- 12,000 BTU/h Cooling
- 13,600 BTU/h Heating



INVERTER V



FEATURES:

- Inverter (Variable speed compressor)
- Energy saving
- 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
- Condensate sensor connection

Interior Unit Includes:

- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual
- Optional accessories
- Model#:PQRCVSL0(QW) (Wired wall thermostat)

- Model#: PMNFP14A0 (PI485 V-net interface)

Exterior Unit Includes:

- Exterior unit
- Exterior unit has sufficient refrigerant for charging indoor coil and a 24.6' line set (Line set not included)
- ETL#: 3091879

* Specification can be changed without notification

System Model #	LS090HYV	LS120HYV
Indoor Model #	LSN090HYV	LSN120HYV
Outdoor Model #	LSU090HYV	LSU120HYV
Performance		
Capacity (BTU/h)	● 9,000 ● 11,000	● 12,000 ● 13,600
EER	16.4	14.1
SEER	28.0	26.0
HSPF	12.0	11.5
Air Circulation (CFM H/M/L)	494/417/283	512/417/283
Fan Speeds	6/Auto/Chaos	6/Auto/Chaos
Dehumidification (pts/hr)	3.3	3.7
Indoor H/M/L/Sleep 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 7/16 x 11 5/8 x 9 1/4	34 3/8 x 11 5/8 x 9 1/4
Weight (lbs.)	25.3	25.3
Outdoor Dimensions		
W x H x D (inches)	34 1/4 x 25 13/16 x 12 5/8	34 1/4 x 25 13/16 x 12 5/8
Weight (lbs.)	94.8	94.8
Thermostat Range		
Cooling / Heating (°F)	64-86/60-86	64-86/60-86

*LG verified sound ratings

Limited warranty: 5 years parts; 7 years compressor.

ART COOL™

Art Cool™ Gallery Inverter Single Zone

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/h gallery 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.



High Wall Duct-Free Art Cool™
Gallery Inverter Indoor Unit
Customizable Picture Art Panel

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Art Cool™ Duct-Free Split Air Conditioning Systems from LG enhance the economics of Duct-Free technology. Now you can bring more attractive, cost-effective solutions to your commercial and residential customers.



Indoor Unit with Remote



Outdoor Unit



Inverter



High Wall Duct-Free Art Cool™ Gallery Inverter Single Zone

9,000 BTU/h

12,000 BTU/h

LA090HVP (H/P Model)

LA120HVP (H/P Model)

Ⓒ 9,000 BTU/h Cooling

Ⓒ 11,200 BTU/h Cooling

Ⓗ 10,800 BTU/h Heating

Ⓗ 13,300 BTU/h Heating



INVERTER V

FEATURES:

- Inverter (Variable speed compressor)
- Customizable art panel
- Self-cleaning indoor coil
- Dehumidifying mode
- Chaos wind
- 3-Way cooling
- Jet cool/Jet heat

- Cooling/Heating/Fan mode
- Auto operation
- Sleep mode
- Auto restart
- Built-in low ambient standard, down to 14°F (Cooling mode)
- 24-Hour on-off timer
- Gold Fin™ anti-corrosion

Interior Unit Includes:

- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual
- Optional accessories
- Model#: PQRCVSL0(QW) (Wired wall thermostat)

Exterior Unit Includes:

- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 24.6' line set (Line set not included)
- ETL#: 309187



Specification can be changed without notification

System Model #	LA090HVP	LA120HVP
Indoor Model #	LAN090HVP	LAN120HVP
Outdoor Model #	LAU090HVP	LAU120HVP
Performance		
Capacity (BTU/h)	Ⓒ 9,000 Ⓗ 10,800	Ⓒ 11,200 Ⓗ 13,300
EER	12.5	12.0
SEER	16	16
HSPF	8.2	8.2
Air Circulation (CFM H/M/L)	335/311/247	346/311/247
Fan Speeds	5/Auto/Chaos	5/Auto/Chaos
Dehumidification (pts/hour)	2.54	3.17
Indoor H/M/L dB(A)*	42/36/32	42/36/32
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)	23 5/8 x 23 5/8 x 5 3/4	23 5/8 x 23 5/8 x 5 3/4
Weight (lbs.)	30.9	30.9
Outdoor Dimensions		
W x H x D (inches)	30 5/16 x 21 1/2 x 11 5/16	30 5/16 x 21 1/2 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

Limited warranty: 5 years parts; 7 years compressor.

Art Cool™ Premier & Art Cool™ Gallery Inverter Single Zone Electrical & Refrigeration Quick Reference

Electrical Specifications									
Zone	Type	Model	BTU/h	Voltage		Rated Amps	MCA*	MOP**	
				Indoor	Outdoor				
Art Cool™ Premier Single Zone	H/P	C H	LS090HYV	9,000	230/208	230/208	8.7	10	15
	H/P	C H	LS120HYV	12,000	230/208	230/208	8.7	10	15
Art Cool™ Gallery Inverter Single Zone	H/P	C H	LA090HVP	9,000	230/208	230/208	8.1	10	15
	H/P	C H	LA120HVP	11,200	230/208	230/208	8.1	10	15

All equipment single phase.

NOTE: All communication cable, including the power wiring cable size must comply with the applicable local and national code.

*Minimum Circuit Ampacity

**Maximum Overcurrent Protection



Refrigerant Line Specifications***									
Zone	Type	Model	BTU/h	Pipe Size		Additional Refrigerant	Max. Pipe Length	Max. Elevation	
				Liquid	Suction				
Art Cool™ Premier Single Zone	H/P	C H	LS090HYV	1/4"	3/8"	0.22 oz./ft.	49'	22.9'	
	H/P	C H	LS120HYV	1/4"	3/8"	0.22 oz./ft.	49'	22.9'	
Art Cool™ Gallery Inverter Single Zone	H/P	C H	LA090HVP	1/4"	3/8"	0.22 oz./ft.	49'	22.9'	
	H/P	C H	LA120HVP	1/4"	3/8"	0.22 oz./ft.	49'	22.9'	

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

High Wall Duct-Free 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 are a brilliant addition to LG's lineup. These are high-performance air conditioners with high efficiency and excellent design.



Indoor Unit



Outdoor Unit

AjMadison
Your Appliance Authority™
800-570-3355



*Applies to LA090HSV2, LA120HSV2, LA180HSV2, LS091HSV2, LS121HSV2



*Does not apply to LA240HSV2

INVERTER V

High Wall Duct-Free Art Cool™ Mirror High Efficiency Single Zone

9,000 BTU/h

LA090HSV2 (H/P Model)

Ⓒ 9,000 BTU/h Cooling

Ⓗ 10,800 BTU/h Heating

12,000 BTU/h

LA120HSV2 (H/P Model)

Ⓒ 11,200 BTU/h Cooling

Ⓗ 13,300 BTU/h Heating



INVERTER V



FEATURES:

- Inverter (Variable speed compressor)
- Energy saving
- 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
- Condensate sensor connection
- Plasma air purifying system

Interior Unit Includes:

- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual
- Optional accessories
- 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)
- ETL#: 3091879



* Specification can be changed without notification

System Model #	LA090HSV2	LA120HSV2
Indoor Model #	LAN090HSV2	LAN120HSV2
Outdoor Model #	LAU090HSV2	LAU120HSV2
Performance		
Capacity (BTU/h)	Ⓒ 9,000 Ⓗ 10,800	Ⓒ 11,200 Ⓗ 13,300
EER	13.3	12.5
SEER	20	20
HSPF	11.0	11.0
Air Circulation (CFM H/M/L)	335/272/212	353/272/212
Fan Speeds	6/Auto/Chaos	6/Auto/Chaos
Dehumidification (pts/hr)	2.6	3.0
Indoor H/M/L dB(A)*	38/33/24	39/33/24
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 1/2 x 11 5/16	30 5/16 x 21 1/2 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

Limited warranty: 5 years parts; 7 years compressor.

High Wall Duct-Free Art Cool™ Mirror High Efficiency Single Zone

18,000 BTU/h

24,000 BTU/h

LA180HSV2 (H/P Model)

Ⓒ 18,200 BTU/h Cooling

Ⓗ 22,000 BTU/h Heating

LA240HSV2 (H/P Model)

Ⓒ 22,000 BTU/h Cooling

Ⓗ 27,600 BTU/h Heating



INVERTER V



FEATURES:

- Inverter (Variable speed compressor)
- Energy saving
- 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
- Condensate sensor connection
- Plasma air purifying system

Interior Unit Includes:

- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual
- Optional accessories
 - Model#: PQRCVSL0(QW) (Wired wall thermostat)
 - Model#: PMNFP14A0 (PI485 V-net interface)

Exterior Unit Includes:

- Exterior unit
- Exterior unit has sufficient refrigerant for charging indoor coil and a 24.6' line set (Line set not included)

ETL#: 3091879

* Energy Star is only eligible for LA180HSV2, not LA240HSV2



* Specification can be changed without notification

System Model #	LA180HSV2	LA240HSV2
Indoor Model #	LAN180HSV2	LAN240HSV2
Outdoor Model #	LAU180HSV2	LAU240HSV2
Performance		
Capacity (BTU/h)	Ⓒ 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)	622/509/399	632/526/399
Fan Speeds	6/Auto/Chaos	6/Auto/Chaos
Dehumidification (pts/hr)	5.5	5.5
Indoor H/M/L 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 9/16 x 12 13/16 x 9 11/16	40 9/16 x 12 13/16 x 9 11/16
Weight (lbs.)	37.5	37.5
Outdoor Dimensions		
W x H x D (inches)	34 1/4 x 31 1/2 x 12 5/8	34 1/4 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

Limited warranty: 5 years parts; 7 years compressor.

High Wall Duct-Free High Efficiency Single Zone



9,000 BTU/h

LS091HSV2 (H/P Model)

● 9,000 BTU/h Cooling

● 10,800 BTU/h Heating



INVERTER V



FEATURES:

- Inverter (Variable speed compressor)
- Energy saving
- 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
- Condensate sensor connection
- Plasma air purifying system

Interior Unit Includes:

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

Exterior Unit Includes:

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

ETL#: 3091879

- Model#: PQRCVSL0(QW) (Wired wall thermostat)
- Model#: ZLABGP01A (Low ambient wind baffle kit - cooling down to 0°F)



* Specification can be changed without notification

System Model #	LS091HSV2
Indoor Model #	LSN091HSV2
Outdoor Model #	LSU091HSV2
Performance	
Capacity (BTU/h)	● 9,000 ● 10,800
EER	13.3
SEER	20
HSPF	11.0
Air Circulation (CFM H/M/L)	335/272/212
Fan Speeds	6/Auto/Chaos
Dehumidification (pts/hr)	2.6
Indoor H/M/L dB(A)*	38/33/24
Outdoor dB(A)*	45
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
Indoor Dimensions	
W x H x D (inches)	34 13/16 x 11 1/4 x 8 1/4
Weight (lbs.)	22.1
Outdoor Dimensions	
W x H x D (inches)	30 5/16 x 21 1/2 x 11 5/16
Weight (lbs.)	77.2
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

Limited warranty: 5 years parts; 7 years compressor.

High Wall Duct-Free High Efficiency Single Zone



12,000 BTU/h

LS121HSV2 (H/P Model)

C 11,200 BTU/h Cooling

H 13,300 BTU/h Heating



INVERTER V



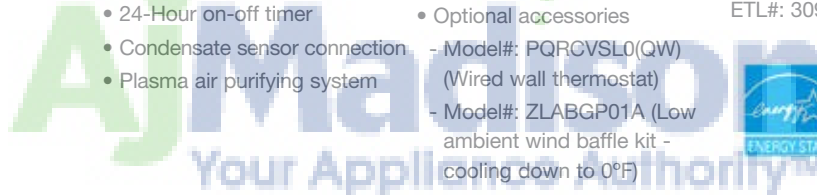
FEATURES:

- Inverter (Variable speed compressor)
- Energy saving
- 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
- Condensate sensor connection
- Plasma air purifying system

- Interior Unit Includes:**
- Wall unit
 - Installation plate & hardware
 - Remote control, batteries, holder & holder hardware
 - Installation manual
 - Optional accessories
 - Model#: PQRCVSL0(QW) (Wired wall thermostat)
 - Model#: ZLABGP01A (Low ambient wind baffle kit - cooling down to 0°F)

- Exterior Unit Includes:**
- Exterior unit
 - Exterior unit has sufficient refrigerant for charging Indoor coil and a 41' line set (Line set not included)
- ETL#: 3091879



* Specification can be changed without notification

System Model #	LS121HSV2
Indoor Model #	LSN121HSV2
Outdoor Model #	LSU121HSV2
Performance	
Capacity (BTU/h)	C 11,200 H 13,300
EER	12.5
SEER	20
HSPF	11.0
Air Circulation (CFM H/M/L)	353/272/212
Fan Speeds	6/Auto/Chaos
Dehumidification (pts/hr)	3.0
Indoor H/M/L dB(A)*	39/33/24
Outdoor dB(A)*	45
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
Indoor Dimensions	
W x H x D (inches)	34 13/16 x 11 1/4 x 8 1/4
Weight (lbs.)	22.1
Outdoor Dimensions	
W x H x D (inches)	30 5/16 x 21 1/2 x 11 5/16
Weight (lbs.)	77.2
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

Limited warranty: 5 years parts; 7 years compressor.

High Wall Duct-Free High Efficiency Single Zone



18,000 BTU/h

LS181HSV2 (H/P Model)

C 18,200 BTU/h Cooling

H 22,000 BTU/h Heating



INVERTER V



FEATURES:

- Inverter (Variable speed compressor)
- Energy saving
- 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
- Condensate sensor connection
- Plasma air purifying system

Interior Unit Includes:

- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual
- Optional accessories
 - Model#: PQRCVSL0(QW) (Wired wall thermostat)
 - Model#: ZLABGP02A (Low ambient wind baffle kit - cooling down to 0°F)

- Model#: PMNFP14A0 (PI485 V-net interface)

Exterior Unit Includes:

- Exterior unit
- Exterior unit has sufficient refrigerant for charging indoor coil and a 24.6' line set (Line set not included)

ETL#: 3091879

*Specification can be changed without notification

System Model #	LS181HSV2
Indoor Model #	LSN181HSV2
Outdoor Model #	LSU181HSV2
Performance	
Capacity (BTU/h)	C 18,200 H 22,000
EER	12.6
SEER	20.5
HSPF	9.7
Air Circulation (CFM H/M/L)	622/509/399
Fan Speeds	6/Auto/Chaos
Dehumidification (pts/hr)	5.5
Indoor H/M/L 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 11/16
Weight (lbs.)	30.9
Outdoor Dimensions	
W x H x D (inches)	34 1/4 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

Limited warranty: 5 years parts; 7 years compressor.

High Wall Duct-Free High Efficiency Single Zone



24,000 BTU/h

LS240HSV2 (H/P Model)

C 22,000 BTU/h Cooling

H 27,600 BTU/h Heating



INVERTER V



FEATURES:

- Inverter (Variable speed compressor)
- Energy saving
- 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
- Condensate sensor connection
- Plasma air purifying system

- Installation manual
- Optional accessories
 - Model#: PQRCVSL0(QW) (Wired wall thermostat)
 - Model#: ZLABGP02A (Low ambient wind baffle kit - cooling down to 0°F)
 - Model#: PMNFP14A0 (PI485 V-net interface)

Exterior Unit Includes:

- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 24.6' line set (Line set not included)
- ETL#: 3091879

Interior Unit Includes:

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



* Specification can be changed without notification

System Model #	LS240HSV2
Indoor Model #	LSN240HSV2
Outdoor Model #	LSU240HSV2
Performance	
Capacity (BTU/h)	C 22,000 H 27,600
EER	12.5
SEER	18.9
HSPF	10.2
Air Circulation (CFM H/M/L)	742/629/424
Fan Speeds	4/Auto/Chaos
Dehumidification (pts/hr)	6.0
Indoor H/M/L 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.)	33.1
Outdoor Dimensions	
W x H x D (inches)	34 1/4 x 31 1/2 x 12 5/8
Weight (lbs.)	141.1
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

Limited warranty: 5 years parts; 7 years compressor.

800-370-3355

High Efficiency Single Zone Inverter Electrical & Refrigeration Quick Reference

Electrical Specifications								
Zone	Type	Model	BTU/h	Voltage		Rated Amps	MCA*	MOP**
				Indoor	Outdoor			
High Efficiency Art Cool™ Mirror Single Zone	H/P	C H LA090HSV2	9,000	230/208	230/208	8.5	10	15
	H/P	C H LA120HSV2	11,200	230/208	230/208	8.5	10	15
	H/P	C H LA180HSV2	18,200	230/208	230/208	17.0	19	30
	H/P	C H LA240HSV2	22,000	230/208	230/208	17.0	19	30
High Efficiency Single Zone	H/P	C H LS091HSV2	9,000	230/208	230/208	8.1	10	15
	H/P	C H LS121HSV2	11,200	230/208	230/208	8.1	10	15
	H/P	C H LS181HSV2	18,200	230/208	230/208	15.4	19	30
	H/P	C H LS240HSV2	22,000	230/208	230/208	15.4	19	30

All equipment single phase.

NOTE: All communication cable, including the power wiring cable size must comply with the applicable local and national code.

*Minimum Circuit Ampacity

**Maximum Overcurrent Protection

Refrigerant Line Specifications***								
Zone	Type	Model	BTU/h	Pipe Size		Additional Refrigerant	Max. Pipe Length	Max. Elevation
				Liquid	Suction			
High Efficiency Art Cool™ Mirror Single Zone	H/P	C H LA090HSV2	9,000	1/4"	3/8"	0.22 oz./ft.	65'	32'
	H/P	C H LA120HSV2	11,200	1/4"	3/8"	0.22 oz./ft.	65'	32'
	H/P	C H LA180HSV2	18,200	3/8"	5/8"	0.38 oz./ft.	98'	49'
	H/P	C H LA240HSV2	22,000	3/8"	5/8"	0.38 oz./ft.	98'	49'
High Efficiency Single Zone	H/P	C H LS091HSV2	9,000	1/4"	3/8"	0.22 oz./ft.	65'	32'
	H/P	C H LS121HSV2	11,200	1/4"	3/8"	0.22 oz./ft.	65'	32'
	H/P	C H LS181HSV2	18,200	3/8"	5/8"	0.38 oz./ft.	98'	49'
	H/P	C H LS240HSV2	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 24.6 ft. (41 ft. for LA090HSV2, LA120HSV2, LS091HSV2, LS121HSV2) of line and the interior unit.

Accessory

Wired Wall Thermostat for Single Zone Inverter.
(Applicable to LS307HV2, LS360HV2, LXXXXHSV2, LAXXXHVP and LSXXXHYV models only)



PQRCSL0



PQRCSL0QW

High Wall Duct-Free Standard Single Zone

Customized Good Looks

Standard High Wall heat pump systems utilize the same Duct-Free 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 BTU/h. LG's standard Duct-Free air conditioners are easy to install and cost effective.

Available Styles

Standard Indoor Unit
White
9,000-18,000 BTU/h

INVERTER V

Inverter Indoor Unit
White
30,000-36,000 BTU/h

Indoor Unit

Outdoor Unit

LG 36V DC INDOOR UNIT CREATION *

*9,000 - 18,000 BTU/h models only

High Wall Duct-Free Standard Single Zone

9,000 BTU/h

LS093HE (H/P Model)

Ⓒ 10,500 BTU/h Cooling

Ⓗ 10,500 BTU/h Heating

12,000 BTU/h

LS122HE (H/P Model)

Ⓒ 11,500 BTU/h Cooling

Ⓗ 11,500 BTU/h Heating



FEATURES:

- Gold Fin™ anti-corrosion
- Dehumidifying mode
- Chaos wind
- Jet cool
- Cooling mode
- Heating mode
- Fan mode
- Auto operation
- Manual power switch
- Defrost control

- 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

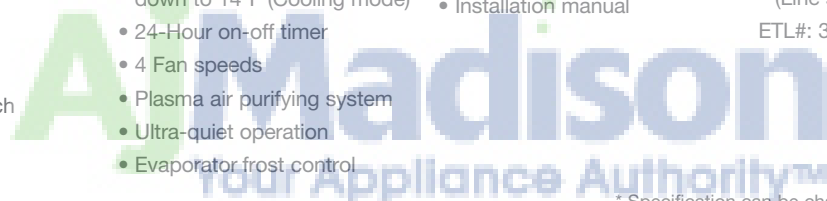
Interior Unit Includes:

- 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 24.6' line set (Line set not included)

ETL#: 3091879



* Specification can be changed without notification

System Model #	LS093HE	LS122HE
Indoor Model #	LSN093HE	LSN122HE
Outdoor Model #	LSU093HE	LSU122HE
Performance		
Capacity (BTU/h)	Ⓒ 10,500 Ⓗ 10,500	Ⓒ 11,500 Ⓗ 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 H/M/L dB(A)*	41/36/34	41/36/34
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)	35 1/4 x 11 1/8 x 6 1/2	35 1/4 x 11 1/8 x 6 1/2
Weight (lbs.)	20.5	20.5
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.)	72.8	72.8
Thermostat Range		
Cooling / Heating (°F)	64-86/60-86	64-86/60-86

*LG verified sound ratings

Limited warranty: 2 years parts; 5 years compressor.

High Wall Duct-Free Standard Single Zone



18,000 BTU/h

LS186HE (H/P Model)

C 17,800 BTU/h Cooling

H 17,800 BTU/h Heating



FEATURES:

- Multi Power System™
- Gold Fin™ anti-corrosion
- Dehumidifying mode
- Chaos wind
- Jet cool
- Cooling mode
- Heating mode
- Fan mode
- Auto operation
- Manual power switch

- Defrost control
- Temperature display on indoor unit
- Auto sleep mode
- Auto restart
- 24-Hour on-off timer
- Ultra-quiet operation
- Plasma air purifying system
- Evaporator frost control
- 4 Fan speeds

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 24.6' line set (Line set not included)

ETL#: 3091879

AirMadison
Your Appliance Authority™

* Specification can be changed without notification

System Model #	LS186HE
Indoor Model #	LSN186HE
Outdoor Model #	LSU186HE
Performance	
Capacity (BTU/h)	C 17,800 H 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 H/M/L 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

Limited warranty: 2 years parts; 5 years compressor.

High Wall Duct-Free Inverter Standard Single Zone



INVERTER V

30,000 BTU/h

LS307HV2 (H/P Model)

- 30,000 BTU/h Cooling
- 32,000 BTU/h Heating

36,000 BTU/h

LS360HV2 (H/P Model)

- 33,000 BTU/h Cooling
- 35,200 BTU/h Heating

FEATURES:

- Inverter (Variable speed compressor)
- 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
- Built-in low ambient standard, down to 14°F (Cooling mode)
- Manual power switch
- Defrost control
- Temperature display on indoor unit
- Evaporator frost control
- Energy saving
- 4 Fan speeds
- Plasma air purifying system
- Condensate sensor connection

Interior Unit Includes:

- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual
- Optional accessories
 - Model#: PQRCVSL0(QW) (Wired wall thermostat)
 - Model#: ZLABGP02A (Low ambient wind baffle kit - cooling down to 0°F)

- Model#: PMNFP14A0 (PI485 V-net interface)

Exterior Unit Includes:

- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 24.6' line set (Line set not included)
- ETL#: 3091879

*Specification can be changed without notification

System Model #	LS307HV2	LS360HV2
Indoor Model #	LSN307HV2	LSN360HV2
Outdoor Model #	LSU307HV2	LSU360HV2
Performance		
Capacity (BTU/h)	● 30,000 ● 32,000	● 33,000 ● 35,200
EER	10.0	8.2
SEER	18.0	16.1
HSPF	9.5	9.9
Air Circulation (CFM H/M/L)	770/629/424	795/629/424
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	9.5	10.6
Indoor H/M/L dB(A)*	49/44/39	49/44/39
Outdoor dB(A)*	55	55
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.)	33.1	33.1
Outdoor Dimensions		
W x H x D (inches)	34 1/4 x 31 1/2 x 12 5/8	34 1/4 x 31 1/2 x 12 5/8
Weight (lbs.)	141.1	141.1
Thermostat Range		
Cooling / Heating (°F)	64-86 /60-86	64-86 /60-86

*LG verified sound ratings

Limited warranty: 5 years parts; 7 years compressor.

Standard & Inverter Standard Single Zone Electrical & Refrigeration Quick Reference

Electrical Specifications									
Zone	Type		System Model	BTU/h	Voltage		Rated Amps	MCA*	MOP**
					Indoor	Outdoor			
Standard Single Zone	H/P	C H	LS093HE	9,800	36V DC	115	10.5	14.3	20
	H/P	C H	LS122HE	11,500	36V DC	115	10.5	14.3	20
	H/P	C H	LS186HE	17,800	36V DC	230/208	10.4	14.2	20
Inverter Standard Single Zone	H/P	C H	LS307HV2	30,000	230/208	230/208	15.4	19	30
	H/P	C H	LS360HV2	33,000	230/208	230/208	15.4	19	30

*Minimum Circuit Ampacity
**Maximum Overcurrent Protection

Refrigerant Line Specifications†									
Zone	Type		System Model	BTU/h	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'	23'
	H/P	C H	LS122HE	11,500	1/4"	1/2"	0.22 oz./ft.	49'	23'
	H/P	C H	LS186HE	17,800	1/4"	1/2"	0.22 oz./ft.	66'	23'
Inverter Standard Single Zone	H/P	C H	LS307HV2	30,000	3/8"	5/8"	0.38 oz./ft.	98'	49'
	H/P	C H	LS360HV2	33,000	3/8"	5/8"	0.38 oz./ft.	98'	49'

† Each system is pre-charged with enough refrigerant to charge 24.6 ft. of line and the interior unit.

All equipment single phase.

NOTE: All communication cable, including the power wiring cable size must comply with the applicable local and national code.

Duct-Free Air Conditioners

LG Internet Sales Policy

Duct-Free Air Conditioning Products

LG's expressed Duct-Free Air Conditioning limited warranty applies only to products sold and installed by qualified air conditioning contractors.

Because products sold via the Internet cannot be assured of quality installation by a qualified air conditioning contractor, LG's limited warranty does not apply to Internet sales.

LG supports and recommends that a qualified air conditioning contractor properly size and install all LG Duct-Free Air Conditioning products for optimal performance and long life.

For The HVAC Professional

Installation • Materials

Don't forget to BUY...

- Mounting screws and anchors (wall mount and ceiling cassette)
- Optional condensate pump (interior wall installation only)
- Optional condensate sensor
- Condensate drain tubing
- Hose clamps
- Refrigerant line
- Correct electrical wire to connect indoor and outdoor units based on the LG model chosen (see electrical specifications) and local electrical code requirements

- Closed cell insulating tubing for liquid and suction lines
- Electrical tape
- Condenser mounting pad
- Disconnect and wiring for condenser unit
- Plastic duct and installation hardware to conceal connecting tubing on exterior walls

Don't forget to BRING...

- Level gauge
- 2 3/4" hole core drill
- Flaring tool set
- Gas leak detector
- Vacuum pump
- Gauge manifold
- Micron gauge

Remember These

Other Installation Items to Consider



Low Voltage Condensate Pump
24V Condensate Pumps available from
Aspen Pumps www.rectorseal.com.

Low Ambient Wind Baffle Kit
Part # ZLABGP01A (LS091-121HSV2)
Part # ZLABGP02A (LS181-240HSV2, LS307HV2,
LS360HV2)



AquaGuard Condensate
Sensor Part # AG-9300-LG



Wired Wall Thermostat for
Duct-Free Systems
Part # PQRCVSL0(QW)
Applicable to inverter models only
(LS307HV2, LS360HV2, LXXXXHSV2,
LAXXXHVP and LSXXXHYV)

*LG is not responsible for improper installation.

Ceiling Cassette Duct-Free Single Zone

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



CEILING CASSETTE

AjMadison
Your Appliance Authority
800-570-3355



Single Zone Split Systems
Ceiling Cassette

Ceiling Cassette Duct-Free Single Zone

24,000 BTU/h



42,000 BTU/h



LC247HV (H/P Model)

- 24,000 BTU/h Cooling
- 27,000 BTU/h Heating



INVERTER V



LC427HV (H/P Model)

- 42,000 BTU/h Cooling
- 47,000 BTU/h Heating



INVERTER V



FEATURES:

- Inverter (Variable speed compressor)
- Internal condensate pump included
- Swirl wind
- 4-Way cooling
- Jet cool
- Cooling mode
- Dehumidifying mode
- Night Quiet Operation
- Built-in low ambient standard, down to 14°F (Cooling 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 with batteries
- Installation manual
- Required accessory
 - Model name: PT-UMC (Ceiling grill sold separately)
- Optional accessories
 - Model#: PQRCVSL0(QW) (Wired wall thermostat)
 - Model name: PTPKM0 (Plasma kit)

- Model#: PMNFP14A0 (PI485 V-net interface)

Exterior Unit Includes:

- Sufficient refrigerant for charging indoor coil and a 25' line set (Line set not included)
- ETL#: 3091879

System Model #	LC247HV	LC427HV
Indoor Model #	LCN247HV	LCN427HV
Outdoor Model #	LUU247HV	LUU427HV
Ceiling Grill Model# (Sold Separately)	PT-UMC	PT-UMC
Performance		
Capacity (BTU/h)	● 24,000 ● 27,000	● 42,000 ● 47,000
SEER	17	17
HSPF	9.7	8.6
EER	12.56	10.31
Air Circulation (CFM H/M/L)	600/530/459	1,060/989/918
Fan Speeds (Fan/Cooling/Heating)	4/5/4	4/5/4
Dehumidification (pts/hr)	5.1	7.7
Indoor H/M/L dB(A)*	38/36/34	46/44/40
Outdoor (Cooling/Heating) dB(A)*	48/52	52/54
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 (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.)	45.2	54.2
Outdoor Dimensions		
W x H x D (inch)	37 13/32 x 32 27/32 x 13	37 13/32 x 54 11/32 x 13
Weight (lbs.)	132.3	202.8
Thermostat Range		
Cooling (°F)	64-86	64-86
Heating (°F)	60-86	60-86

*LG verified sound ratings

Limited warranty: 5 years parts; 7 years compressor.

Ceiling Cassette Single Zone Electrical & Refrigeration Quick Reference

Electrical Specifications								
	Type	System #	BTU/h	Voltage		Rated Amps	MCA*	MOP**
				Indoor	Outdoor			
Ceiling Cassette	H/P	LC247HV	24,000	230/208	230/208	16.0	18.1	30
	H/P	LC427HV	42,000	230/208	230/208	24.0	24.1	40

All equipment single phase.

NOTE: All communication cable, including the power wiring cable size must comply with the applicable local and national code..

*Minimum Circuit Ampacity
**Maximum Overcurrent Protection

Refrigerant Line Specifications†								
	Type	System #	BTU/h	Pipe Size		Additional Refrigerant	Max. length each pipe	Max. elevation
				Liquid	Suction			
Ceiling Cassette	H/P	LC247HV	24,000	3/8"	5/8"	0.43 oz./ft.	164'	98'
	H/P	LC427HV	42,000	3/8"	5/8"	0.43 oz./ft.	246'	98'

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



Controls Accessories Wired Controllers and V-net Integration Board



PQRCVSLO



PQRCVSLOQW



PQRCVCLOQ



PQRCVCLOQW

Applied to LS---HYV, LA---HVP, LA---HSV2, LS---HSV2, LS---HV2 and LC---HV indoor units

PI485 V-net control integration accessory
Control integration to LG V-net controls
(AC Smart, ACP, BACnet, LonWorks, etc.)

Applied to LS---HYV, LA180/240HSV2, LS181/240HSV2,
LS307/360HV2 and LUU---HV outdoor units



PMNFP14A0

Multi F Dual-, Tri-, Quad-Zone & Max Air Conditioning Systems

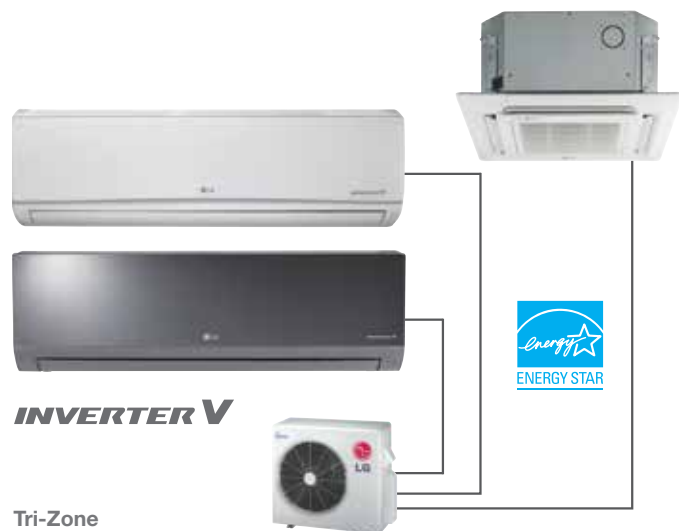
Multi F Systems

The larger, Multi F inverter heat pump systems operate two to eight interior units that are typically 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™ Mirror, Standard, Ceiling Cassette, and Ceiling Concealed Duct models.



Dual-Zone
Multi F System
Mix and match for 9,000-24,000 BTU/h
Heat Pump Inverter



Tri-Zone
Multi F System
Mix and match for 12,000-33,000 BTU/h
Heat Pump Inverter



Quad-Zone
Multi F System
Mix and match for 18,000-48,000 BTU/h
Heat Pump Inverter



MAX
Multi F System
Mix and match for 27,000-73,000 BTU/h
Heat Pump Inverter

MULTI F DUAL-, TRI-, QUAD-ZONE & MAX

Why LG Multi-Zone?

Energy Saving with LG Inverter Technology

Wide Choice of Indoor Units:
Standard, Art Cool™ Mirror,
Concealed Duct, Cassette Types

Design Flexibility:

Outdoor units connect to
several indoor unit styles

Your Appliance Authority™

800-570-3355

Multi F Inverter Heat Pump Outdoor Units



DUAL-ZONE
LMU187HV



TRI-ZONE
LMU247HV



QUAD-ZONE
LMU369HV



MULTI F MAX
LMU540HV

Multi F Inverter Heat Pump Outdoor Units

18,000-54,000 BTU/h

LMU187HV
 ⓄⓂ Dual-Zone

LMU369HV
 ⓄⓂ Quad-Zone

LMU247HV
 ⓄⓂ Tri-Zone

LMU540HV
 ⓄⓂ Multi F Max



DUAL-ZONE
LMU187HV

TRI-ZONE
LMU247HV

QUAD-ZONE
LMU369HV

MULTI F MAX
LMU540HV

FEATURES:

- Defrost/Deicing
- Restart delay (3-mins)
- Self-diagnosis
- Soft start
- Inverter (Variable speed compressor)
- Auto operation
- Auto restart operation
- Low ambient operation to 14°F (Cooling mode)
- Gold Fin™ anti-corrosion
- Factory refrigerant charge as indicated below (Please see chart below for actual length amount included)
- Installation manual

Exterior Unit Includes:

- Exterior unit

ETL#: 3091879

* Specification can be changed without notification

Outdoor Model H/P Inverter #			LMU187HV	LMU247HV	LMU369HV	LMU540HV	
Capacity *		BTU/h	18,000 Class	24,000 Class	36,000 Class	54,000 Class	
Power Input (Min.~Rated~Max.)	Cooling	kW	0.26~1.12~2.37	0.39~1.43~3.09	0.77~2.72~3.92	1.00 ~ 5.10 ~ 5.86	
	Heating	kW	0.28~1.29~2.48	0.42~2.21~3.10	1.12~3.58~4.10	1.49 ~ 5.40 ~ 6.19	
Running Current (Min.~Rated~Max.)	Cooling	A	1.5~5.2~10.8	2.8~6.6~14.0	3.3~11.8~17.0	4.8 ~ 24.5 ~ 26.5	
	Heating	A	1.5~6.0~11.3	3.0~10.2~14.1	4.9~15.5~17.8	7.1 ~ 25.7 ~ 27.5	
Power Supply		Ø / V / Hz	1/208~230/60	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 12	3 x 10	
Transmission Cable (Outdoor to Indoor unit)		No. x AWG	4 x 18	4 x 18	4 x 18	4 x 16	
Dimensions (W x H x D)		inch	34 1/4 x 31 13/16 x 12 19/32	34 1/4 x 31 13/16 x 12 19/32	35 7/16 x 45 7/8 x 14 9/16	37 13/32 x 54 11/32 x 13	
Net Weight		lbs	123.5	130.1	209.4	213.8	
Min. # of Connectable Indoor Units			2	2	2	2	
Max. # of Connectable Indoor Units			2	3	4	8	
Refrigerant	Charge	oz	67.0	74.1	123.5	155.2	
	Type		R-410A	R-410A	R-410A	R-410A	
	Control		EEV	EEV	EEV	EEV	
Sound Level (Cooling/Heating)		Sound Pressure	dB(A) ⁶	51	51	57	54/56
Piping Connections	Liquid	in.	1/4 x 2EA	1/4 x 3EA	1/4 x 4EA	3/8 x 1EA	
	Gas	in.	3/8 x 2EA	3/8 x 3EA	3/8 x 4EA	3/4 x 1EA	
Piping Length Spec.	Max. total piping	ft.	164.0	246.1	246.1	475.7	
	Max. OD-ID piping	ft.	82.0	82.0	82.0	229.6	
	Piping length (no add'l refig)	ft.	49.2	73.8	98.4	147.6	
Max. Elevation Difference	Outdoor Unit~Indoor Unit	ft.	49.2	49.2	49.2	98.4	
	Indoor Unit~Indoor Unit	ft.	24.6	24.6	24.6	49.2	
Operation Range	Cooling	°F(DB)	14 ~ 118.4	14 ~ 118.4	14 ~ 118.4	14 ~ 118.4	
	Heating	°F(WB)	0 ~ 64.4	0 ~ 64.4	0 ~ 64.4	0 ~ 64.4	

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 applicable local and national codes.

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 is only for non-ducted type indoor units.

6. LG verified sound ratings.

Limited warranty: 2 years parts; 5 years compressor (LMU187-369HV) / 5 years parts; 7 years compressor (LMU540HV)

Multi F Standard Wall Mount Indoor Units



INVERTER V

9,000-18,000 BTU/h

LMN096HVT (H/P Model)

LMN126HVT (H/P Model)

LMN186HVT (H/P Model)

FEATURES:

- Inverter (Variable speed fan)
 - Chaos wind
 - Jet cool/Jet heat
 - Self-cleaning indoor coil
 - Auto operation
 - Auto restart operation
 - 24-Hour on-off timer
 - 4-Way auto swing
 - Sleep mode
 - Plasma air purifying system
 - Wireless LCD remote control, batteries, holder & holder hardware
 - Owner's manual
 - Wired thermostat available, sold separately
- Interior Unit Includes:**
- Wall unit
 - Installation plate & hardware
- ETL#: 3091879

* Specification can be changed without notification

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	335/318/300	572/501/434
Dehumidification Rate (pts/hr)	2.3	2.5	4.0
Sound Level H/M/L (dB(A)*)	33/30/27	39/36/31	37/33/28
Electrical			
Running Current (A)	0.20	0.20	0.30
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	R-410A	R-410A	R-410A
Power/Transmission Interunit Cable (No. x AWG)	4 x 18	4 x 18	4 x 18
Dimensions (WxHxD)			
Body (inches)	35 1/4 x 11 3/8 x 8 9/32	35 1/4 x 11 3/8 x 8 9/32	40 9/16 x 12 25/32 x 9 27/32
Decorative Panel (inches)	-	-	-
Net Weight Body (lbs)	22.1	22.1	32.0
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

*LG verified sounds ratings

2. Wiring cable size must comply with applicable local and national codes.

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.

Limited warranty: 2 years parts

Multi F Art Cool™ Mirror Wall Mount Indoor Units



INVERTER V



9,000-18,000 BTU/h

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

FEATURES:

- Inverter (Variable speed fan)
 - Chaos swing
 - Jet cool/Jet Heat
 - Self-cleaning indoor coil
 - Auto operation
 - Auto restart operation
 - 24-Hour on-off timer
 - Plasma air purifying system
- Interior Unit Includes:**
- Wall unit
 - Installation plate & hardware
 - Wireless LCD remote control, batteries, holder & holder hardware
- Owner's manual
 - Wired thermostat available, sold separately
- ETL#: 3091879

* Specification can be changed without notification

Indoor Model H/P Inverter #	LMAN096HVT	LMAN126HVT	LMAN186HVT
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	335/318/300	572/501/434
Dehumidification Rate (pts/hr)	2.3	2.5	4.0
Sound Level H/M/L (dB(A)*)	33/30/27	39/36/31	37/33/28
Electrical			
Running Current (A)	0.20	0.20	0.30
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	R-410A	R-410A	R-410A
Power/Transmission Interunit Cable (No. x AWG)	4 x 18	4 x 18	4 x 18
Dimensions (WxHxD)			
Body (inches)	35 1/4 x 11 3/8 x 8 1/16	35 1/4 x 11 3/8 x 8 1/16	40 9/16 x 12 25/32 x 9 21/32
Decorative Panel (inches)	-	-	-
Net Weight Body (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 applicable local and national codes.
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.

*LG verified sounds ratings

Limited warranty: 2 years parts

Multi F Ceiling Concealed Duct Indoor Units

9,000-18,000 BTU/h

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



INVERTER V



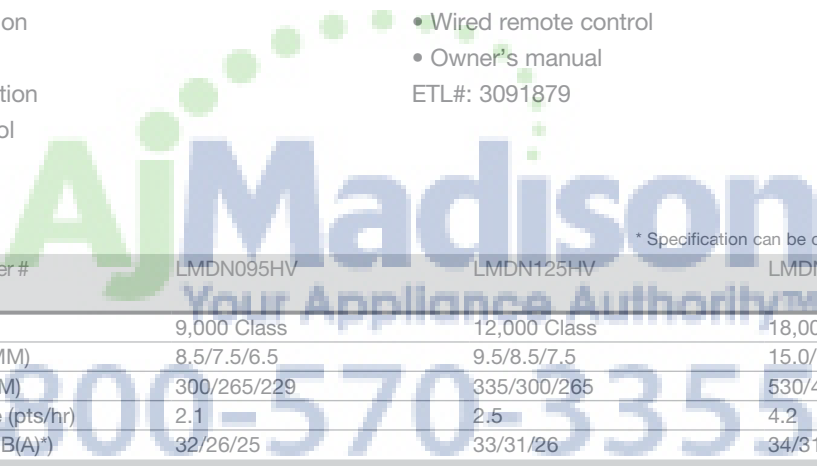
FEATURES:

- Inverter (Variable speed fan)
- Drain pump
- Control lock function
- Auto operation
- Auto restart operation
- 2 thermistor control

Interior Unit Includes:

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

ETL#: 3091879



* Specification can be changed without notification

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)	300/265/229	335/300/265	530/477/406
Dehumidification Rate (pts/hr)	2.1	2.5	4.2
Sound Level H/M/L (dB(A)*)	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	R-410A	R-410A	R-410A
Power/Transmission Interunit Cable (No. x AWG)	4 x 18	4 x 18	4 x 18
Dimensions (WxHxD)			
Body (inches)	32 9/32 x 7 15/32 x 22 5/8	32 9/32 x 7 15/32 x 22 5/8	43 5/16 x 7 15/32 x 22 5/8
Decorative Panel (inches)	-	-	-
Net Weight Body (lbs)	45.2	45.2	58.4
Net Weight Decorative Panel (lbs)	-	-	-

Note:

- 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

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

*LG verified sounds ratings

Limited warranty: 2 years parts

Multi F Ceiling Cassette Indoor Units

12,000-18,000 BTU/h

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



INVERTER V



FEATURES:

- Inverter (Variable speed fan)
- Drain pump
- Jet cool
- Control lock function
- Auto operation
- Auto restart operation
- 24-Hour on-off timer
- 2 thermistor control

Interior Unit Includes:

- Ceiling unit
- Wireless LCD remote control, batteries, holder & holder hardware
- Owner's manual
- Wired thermostat available, sold separately

- Accessory
 - Model name: PT-UQC (Ceiling grill sold separately)
 - Model name: PTPKQ0 (Plasma kit sold separately)
- ETL#: 3091879

* Specification can be changed without notification

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)*)	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	R-410A	R-410A
Power/Transmission Interunit Cable (No. x AWG)	4 x 18	4 x 18
Dimensions (WxHxD)		
Body (inches)	22 7/16 x 8 7/16 x 22 7/16	22 7/16 x 10 3/32 x 22 7/16
Decorative Panel (inches)	27 9/16 x 7/8 x 27 9/16	27 9/16 x 7/8 x 27 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 applicable local and national codes.















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.

*LG verified sounds ratings

Limited warranty: 2 years parts












Multi F Dual-, Tri-, Quad-Zone & Max Electrical & Refrigeration Quick Reference

Electrical Specifications							
Zone	Type	Model	Voltage		Rated Amps	MCA	MOP
			Indoor	Outdoor			
Multi F Indoor Units	H/P 	LMN096HVT	208/230	-	0.20	-	-
	H/P 	LMAN096HVT	208/230	-	0.20	-	-
	H/P 	LMDN095HV	208/230	-	0.25	-	-
	H/P 	LMN126HVT	208/230	-	0.20	-	-
	H/P 	LMAN126HVT	208/230	-	0.20	-	-
	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	-	0.30	-	-
	H/P 	LMDN185HV	208/230	-	0.25	-	-
Multi F Outdoor Units	H/P 	LMU187HV	-	208/230	11.9	11.0	15
	H/P 	LMU247HV	-	208/230	14.9	15.4	25
	H/P 	LMU369HV	-	208/230	19.0	16.8	25
	H/P 	LMU540HV	-	208/230	21.0	26.4	40

All equipment is single phase.

NOTE: All communication cable, including the power wiring cable size must comply with the applicable local and national code.

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Refrigerant Line Specifications							
	Type	Model	Pipe Size		Additional Refrigerant	Max. Length Each Pipe	Max. Elevation
			Liquid	Suction			
Multi F Indoor Units	H/P 	LMN096HVT	1/4"	3/8"	0.22 oz./ft.	82'	49'
	H/P 	LMAN096HVT	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 	LMAN126HVT	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 	LMAN186HVT	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.

Multi F Split System Combinations

System	Combined With	Nominal Cooling Capacity BTU/h	EER	SEER	Nominal Heating Capacity BTU/h	COP	HSPF	Low Heating Capacity BTU/h	COP	ENERGY STAR
LMU187HV	Non-Ducted Indoor Units	15,600	14.0	21.0	17,000	3.9	9.2	10,000	2.9	Yes
	Ducted Indoor Units	14,800	11.9	17.7	16,800	3.8	8.8	9,900	2.8	-
	Mixed Ducted & Non-Ducted	15,200	12.95	19.35	16,900	3.9	9.0	9,950	2.8	-
LMU247HV	Non-Ducted Indoor Units	19,200	13.4	21.7	26,400	3.5	9.4	16,200	2.6	Yes
	Ducted Indoor Units	18,000	11.8	16.4	26,200	3.4	8.5	16,400	2.6	-
	Mixed Ducted & Non-Ducted	18,600	12.6	19.05	26,300	3.5	8.95	16,300	2.6	-
LMU369HV	Non-Ducted Indoor Units	34,000	12.5	17.5	41,000	3.4	10.5	26,000	2.7	Yes
	Ducted Indoor Units	34,000	12.0	16.5	41,000	3.2	9.5	27,400	2.6	-
	Mixed Ducted & Non-Ducted	34,000	12.25	17.0	41,000	3.3	10.0	26,700	2.6	-
LMU540HV	Non-Ducted Indoor Units	52,500	10.3	18.4	58,000	3.1	8.7	36,600	2.6	-
	Ducted Indoor Units	51,000	10.0	15.8	58,000	3.0	8.0	38,500	2.6	-
	Mixed Ducted & Non-Ducted	51,750	10.15	17.1	58,000	3.0	8.3	37,550	2.6	-

* Non-Ducted Indoor Unit Test Condition: Standard Indoor Combination

* Nominal Cooling Capacity: Outdoor Temperature 95°F

* Nominal Heating Capacity: Outdoor Temperature 47°F

* Low Heating Capacity: Outdoor Temperature 17°F

Controls Accessories

Wired Controllers and V-net Integration Board



PQRCVSL0



PQRCVSL0QW



PQRCVCL0Q



PQRCVCL0QW

Applicable to all Inverter Multi F indoor units.

PI485 V-net control integration accessory.

Control integration to LG V-net controls.

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

Applicable to Inverter Multi F outdoor units.



PMNFP14A0

Multi F Combination of Indoor Units

LMU187HV Non-Ducted Type Indoor Units

Cooling

Indoor Units	Combination of Indoor Units (kBTU/h Class)					Room Capacity			
	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)
2 Indoor Units	9	9	-	-	18	7,800	7,800	-	-
	9	12	-	-	21	6,686	8,914	-	-
	12	12	-	-	24	7,800	7,800	-	-

Heating

Indoor Units	Combination of Indoor Units (kBTU/h Class)					Room Capacity			
	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)
2 Indoor Units	9	9	-	-	18	8,500	8,500	-	-
	9	12	-	-	21	7,286	9,714	-	-
	12	12	-	-	24	8,500	8,500	-	-

Ducted Type Indoor Units

Cooling

Indoor Units	Combination of Indoor Units (kBTU/h Class)					Room Capacity			
	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)
2 Indoor Units	9	9	-	-	18	7,400	7,400	-	-
	9	12	-	-	21	6,343	8,457	-	-
	12	12	-	-	24	7,400	7,400	-	-

Heating

Indoor Units	Combination of Indoor Units (kBTU/h Class)					Room Capacity			
	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)
2 Indoor Units	9	9	-	-	18	8,400	8,400	-	-
	9	12	-	-	21	7,200	9,600	-	-
	12	12	-	-	24	8,400	8,400	-	-

	Total Capacity						Input (W)			Current (A)			EER	SEER
	Min		Rated		Max		Min	Rated	Max	Min	Rated	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	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
	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
	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

	Total Capacity						Input (W)			Current (A)			COP	HSPF
	Min		Rated		Max		Min	Rated	Max	Min	Rated	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	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
	12,418	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
	12,418	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

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	Total Capacity						Input (W)			Current (A)			EER	SEER
	Min		Rated		Max		Min	Rated	Max	Min	Rated	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	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
	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
	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

	Total Capacity						Input (W)			Current (A)			COP	HSPF
	Min		Rated		Max		Min	Rated	Max	Min	Rated	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	12,418	3.64	16,800	4.92	21,000	6.15	1,170	1,306	2,480	5.3	6.0	11.3	3.8	8.8
	12,418	3.64	16,800	4.92	21,000	6.15	1,170	1,306	2,480	5.3	6.0	11.3	3.8	8.8
	12,418	3.64	16,800	4.92	21,000	6.15	1,170	1,306	2,480	5.3	6.0	11.3	3.8	8.8

Multi F Combination of Indoor Units

LMU247HV Non-Ducted Type Indoor Units

Cooling

Indoor Units	Combination of Indoor Units (kBTU/h Class)					Room Capacity			
	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)
2 Indoor Units	9	9	-	-	18	8,500	8,500	-	-
	9	12	-	-	21	7,586	10,114	-	-
	12	12	-	-	24	9,600	9,600	-	-
	9	18	-	-	27	6,400	12,800	-	-
	12	18	-	-	30	7,680	11,520	-	-
3 Indoor Units	9	9	9	-	27	6,400	6,400	6,400	-
	9	9	12	-	30	5,760	5,760	7,680	-
	9	12	12	-	33	5,236	6,982	6,982	-

Heating

Indoor Units	Combination of Indoor Units (kBTU/h Class)					Room Capacity			
	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)
2 Indoor Units	9	9	-	-	18	10,120	10,120	-	-
	9	12	-	-	21	9,857	13,143	-	-
	12	12	-	-	24	13,200	13,200	-	-
	9	18	-	-	27	8,800	17,600	-	-
	12	18	-	-	30	10,560	15,840	-	-
3 Indoor Units	9	9	9	-	27	8,800	8,800	8,800	-
	9	9	12	-	30	7,920	7,920	10,560	-
	9	12	12	-	33	7,200	9,600	9,600	-

Ducted Type Indoor Units

Cooling

Indoor Units	Combination of Indoor Units (kBTU/h Class)					Room Capacity			
	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)
2 Indoor Units	9	9	-	-	18	8,300	8,300	-	-
	9	12	-	-	21	7,286	9,714	-	-
	12	12	-	-	24	9,000	9,000	-	-
	9	18	-	-	27	6,000	12,000	-	-
	12	18	-	-	30	7,200	10,800	-	-
3 Indoor Units	9	9	9	-	27	6,000	6,000	6,000	-
	9	9	12	-	30	5,400	5,400	7,200	-
	9	12	12	-	33	4,910	6,545	6,545	-

Heating

Indoor Units	Combination of Indoor Units (kBTU/h Class)					Room Capacity			
	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)
2 Indoor Units	9	9	-	-	18	10,000	10,000	-	-
	9	12	-	-	21	9,771	13,029	-	-
	12	12	-	-	24	13,100	13,100	-	-
	9	18	-	-	27	8,733	17,467	-	-
	12	18	-	-	30	10,480	15,720	-	-
3 Indoor Units	9	9	9	-	27	8,733	8,733	8,733	-
	9	9	12	-	30	7,860	7,860	10,480	-
	9	12	12	-	33	7,145	9,527	9,527	-

	Total Capacity						Input (W)			Current (A)			EER	SEER
	Min		Rated		Max		Min	Rated	Max	Min	Rated	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	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
	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
	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
	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
	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
	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
	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
	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

	Total Capacity						Input (W)			Current (A)			COP	HSPF
	Min		Rated		Max		Min	Rated	Max	Min	Rated	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	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
	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
	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
	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
	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
	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
	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
	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

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	Total Capacity						Input (W)			Current (A)			EER	SEER
	Min		Rated		Max		Min	Rated	Max	Min	Rated	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	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
	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
	12,300	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
	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
	12,300	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
	12,300	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
	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
	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

	Total Capacity						Input (W)			Current (A)			COP	HSPF
	Min		Rated		Max		Min	Rated	Max	Min	Rated	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	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
	13,800	4.04	22,800	6.68	27,700	8.12	1,300	2,227	3,010	5.9	10.1	13.7	3.0	7.9
	16,500	4.84	26,200	7.68	29,040	8.51	1,408	2,360	3,100	6.4	10.6	14.1	3.3	8.1
	16,500	4.84	26,200	7.68	31,500	9.23	1,468	2,360	3,100	6.7	10.6	14.1	3.3	8.1
	16,500	4.84	26,200	7.68	31,500	9.23	1,468	2,360	3,100	6.7	10.6	14.1	3.3	8.1
	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
	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
	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

Multi F Combination of Indoor Units

LMU369HV Non-Ducted Type Indoor Units

Cooling

Indoor Units	Combination of Indoor Units (kBTU/h Class)					Room Capacity			
	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)
2 Indoor Units	9	9	-	-	18	9,000	9,000	-	-
	9	12	-	-	21	9,000	12,000	-	-
	12	12	-	-	24	12,000	12,000	-	-
	9	18	-	-	27	9,000	18,000	-	-
	12	18	-	-	30	12,000	18,000	-	-
3 Indoor Units	18	18	-	-	36	16,500	16,500	-	-
	9	9	9	-	27	9,000	9,000	9,000	-
	9	9	12	-	30	9,000	9,000	12,000	-
	9	12	12	-	33	9,000	12,000	12,000	-
	12	12	12	-	36	11,333	11,333	11,333	-
	9	9	18	-	36	8,500	8,500	17,000	-
	9	12	18	-	39	7,846	10,462	15,692	-
	12	12	18	-	42	9,714	9,714	14,571	-
	9	18	18	-	45	6,800	13,600	13,600	-
	12	18	18	-	48	8,500	12,750	12,750	-
4 Indoor Units	9	9	9	9	36	8,500	8,500	8,500	8,500
	9	9	9	12	39	7,846	7,846	7,846	10,462
	9	9	12	12	42	7,286	7,286	9,714	9,714
	9	12	12	12	45	6,800	9,067	9,067	9,067
	9	9	9	18	45	6,800	6,800	6,800	13,600
	12	12	12	12	48	8,500	8,500	8,500	8,500

Heating

Indoor Units	Combination of Indoor Units (kBTU/h Class)					Room Capacity			
	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)
2 Indoor Units	9	9	-	-	18	10,350	10,350	-	-
	9	12	-	-	21	10,350	13,800	-	-
	12	12	-	-	24	13,800	13,800	-	-
	9	18	-	-	27	10,350	20,700	-	-
	12	18	-	-	30	13,800	20,700	-	-
3 Indoor Units	18	18	-	-	36	19,000	19,000	-	-
	9	9	9	-	27	10,350	10,350	10,350	-
	9	9	12	-	30	10,350	10,350	13,800	-
	9	12	12	-	33	10,350	13,800	13,800	-
	12	12	12	-	36	13,667	13,667	13,667	-
	9	9	18	-	36	10,250	10,250	20,500	-
	9	12	18	-	39	9,462	12,615	18,923	-
	12	12	18	-	42	11,714	11,714	17,571	-
	9	18	18	-	45	8,200	16,400	16,400	-
	12	18	18	-	48	10,250	15,375	15,375	-
4 Indoor Units	9	9	9	9	36	10,250	10,250	10,250	10,250
	9	9	9	12	39	9,462	9,462	9,462	12,615
	9	9	12	12	42	8,786	8,786	11,714	11,714
	9	12	12	12	45	8,200	10,933	10,933	10,933
	9	9	9	18	45	8,200	8,200	8,200	16,400
	12	12	12	12	48	10,250	10,250	10,250	10,250

	Total Capacity						Input (W)			Current (A)			EER	SEER
	Min		Rated		Max		Min	Rated	Max	Min	Rated	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	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
	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
	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
	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
	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
	19,796	5.8	33,000	9.7	36,300	10.6	1,728	2,880	3,920	7.5	12.6	17.1	12.0	17.1
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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

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	Total Capacity						Input (W)			Current (A)			COP	HSPF
	Min		Rated		Max		Min	Rated	Max	Min	Rated	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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

Multi F Combination of Indoor Units

LMU369HV Ducted Type Indoor Units

Cooling

Indoor Units	Combination of Indoor Units (kBTU/h Class)					Room Capacity			
	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)
2 Indoor Units	9	9	-	-	18	9,000	9,000	-	-
	9	12	-	-	21	9,000	12,000	-	-
	12	12	-	-	24	12,000	12,000	-	-
	9	18	-	-	27	9,000	18,000	-	-
	12	18	-	-	30	12,000	18,000	-	-
3 Indoor Units	18	18	-	-	36	16,500	16,500	-	-
	9	9	9	-	27	9,000	9,000	9,000	-
	9	9	12	-	30	9,000	9,000	12,000	-
	9	12	12	-	33	9,000	12,000	12,000	-
	12	12	12	-	36	11,333	11,333	11,333	-
	9	9	18	-	36	8,500	8,500	17,000	-
	9	12	18	-	39	7,846	10,462	15,692	-
	12	12	18	-	42	9,714	9,714	14,571	-
	9	18	18	-	45	6,800	13,600	13,600	-
	12	18	18	-	48	8,500	12,750	12,750	-
4 Indoor Units	9	9	9	9	36	8,500	8,500	8,500	8,500
	9	9	9	12	39	7,846	7,846	7,846	10,462
	9	9	12	12	42	7,286	7,286	9,714	9,714
	9	12	12	12	45	6,800	9,067	9,067	9,067
	9	9	9	18	45	6,800	6,800	6,800	13,600
	12	12	12	12	48	8,500	8,500	8,500	8,500

Heating

Indoor Units	Combination of Indoor Units (kBTU/h Class)					Room Capacity			
	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)
2 Indoor Units	9	9	-	-	18	10,350	10,350	-	-
	9	12	-	-	21	10,350	13,800	-	-
	12	12	-	-	24	13,800	13,800	-	-
	9	18	-	-	27	10,350	20,700	-	-
	12	18	-	-	30	13,800	20,700	-	-
3 Indoor Units	18	18	-	-	36	19,000	19,000	-	-
	9	9	9	-	27	10,350	10,350	10,350	-
	9	9	12	-	30	10,350	10,350	13,800	-
	9	12	12	-	33	10,350	13,800	13,800	-
	12	12	12	-	36	13,667	13,667	13,667	-
	9	9	18	-	36	10,250	10,250	20,500	-
	9	12	18	-	39	9,462	12,615	18,923	-
	12	12	18	-	42	11,714	11,714	17,571	-
	9	18	18	-	45	8,200	16,400	16,400	-
	12	18	18	-	48	10,250	15,375	15,375	-
4 Indoor Units	9	9	9	9	36	10,250	10,250	10,250	10,250
	9	9	9	12	39	9,462	9,462	9,462	12,615
	9	9	12	12	42	8,786	8,786	11,714	11,714
	9	12	12	12	45	8,200	10,933	10,933	10,933
	9	9	9	18	45	8,200	8,200	8,200	16,400
	12	12	12	12	48	10,250	10,250	10,250	10,250

	Total Capacity						Input (W)			Current (A)			EER	SEER
	Min		Rated		Max		Min	Rated	Max	Min	Rated	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
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	
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	
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	
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	
17,996	5.3	30,000	8.8	33,000	9.7	1,626	2,710	3,688	7.1	11.8	16.1	11.1	15.5	
19,796	5.8	33,000	9.7	36,300	10.6	1,800	3,000	4,083	7.8	13.1	17.8	11.0	15.4	
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	
17,996	5.3	30,000	8.8	33,000	9.7	1,626	2,710	3,688	7.1	11.8	16.1	11.1	15.5	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	

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	Total Capacity						Input (W)			Current (A)			COP	HSPF
	Min		Rated		Max		Min	Rated	Max	Min	Rated	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	

Multi F Combination of Indoor Units

LMU540HV Non-ducted type indoor unit Cooling

Total indoor unit capacity (kBtu/h)	Cooling capacity						Input(W)			EER	SEER
	Min		Rated		Max		Min	Rated	Max		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	14,000	4.1	23,333	6.8	28,089	8.2	1,000	2,265	2,604	12.5	19.6
25	14,583	4.3	24,306	7.1	29,259	8.6	1,042	2,360	2,713	12.4	19.5
26	15,167	4.4	25,278	7.4	30,429	8.9	1,083	2,454	2,821	12.3	19.5
27	15,750	4.6	26,250	7.7	31,600	9.3	1,125	2,549	2,930	12.2	19.4
28	16,333	4.8	27,222	8.0	32,770	9.6	1,167	2,643	3,039	12.1	19.4
29	16,917	5.0	28,194	8.3	33,940	9.9	1,208	2,737	3,147	12.1	19.4
30	17,500	5.1	29,167	8.5	35,111	10.3	1,250	2,832	3,256	12.0	19.3
31	18,083	5.3	30,139	8.8	36,281	10.6	1,292	2,926	3,364	11.9	19.3
32	18,667	5.5	31,111	9.1	37,452	11.0	1,333	3,020	3,473	11.9	19.3
33	19,250	5.6	32,083	9.4	38,622	11.3	1,375	3,115	3,581	11.8	19.2
34	19,833	5.8	33,056	9.7	39,792	11.7	1,417	3,209	3,690	11.7	19.2
35	20,417	6.0	34,028	10.0	40,963	12.0	1,458	3,304	3,798	11.6	19.1
36	21,000	6.2	35,000	10.3	42,133	12.3	1,500	3,398	3,907	11.6	19.1
37	21,583	6.3	35,972	10.5	43,303	12.7	1,542	3,492	4,015	11.5	19.1
38	22,167	6.5	36,944	10.8	44,474	13.0	1,583	3,587	4,124	11.4	19.0
39	22,750	6.7	37,917	11.1	45,644	13.4	1,625	3,681	4,232	11.4	19.0
40	23,333	6.8	38,889	11.4	46,814	13.7	1,667	3,776	4,341	11.3	18.9
41	23,917	7.0	39,861	11.7	47,985	14.1	1,708	3,870	4,449	11.2	18.9
42	24,500	7.2	40,833	12.0	49,155	14.4	1,750	3,964	4,558	11.2	18.9
43	25,083	7.4	41,806	12.3	50,326	14.7	1,792	4,059	4,666	11.1	18.8
44	25,667	7.5	42,778	12.5	51,496	15.1	1,833	4,153	4,775	11.0	18.8
45	26,250	7.7	43,750	12.8	52,666	15.4	1,875	4,248	4,883	10.9	18.7
46	26,833	7.9	44,722	13.1	53,837	15.8	1,917	4,342	4,992	10.9	18.7
47	27,417	8.0	45,694	13.4	55,007	16.1	1,958	4,436	5,100	10.8	18.7
48	28,000	8.2	46,667	13.7	56,177	16.5	2,000	4,531	5,209	10.7	18.6
49	28,583	8.4	47,639	14.0	57,348	16.8	2,042	4,625	5,317	10.7	18.6
50	29,167	8.5	48,611	14.2	58,518	17.2	2,083	4,719	5,426	10.6	18.6
51	29,750	8.7	49,583	14.5	59,688	17.5	2,125	4,814	5,534	10.5	18.5
52	30,333	8.9	50,556	14.8	60,859	17.8	2,167	4,908	5,643	10.4	18.5
53	30,917	9.1	51,528	15.1	62,029	18.2	2,208	5,003	5,751	10.4	18.4
54	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4
55	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4
56	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4
57	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4
58	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4
59	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4
60	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4
61	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4
62	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4
63	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4
64	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4
65	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4
66	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4
67	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4
68	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4
69	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4
70	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4
71	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4
72	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4
73	31,500	9.2	52,500	15.4	63,200	18.5	2,250	5,097	5,860	10.3	18.4

Multi F Combination of Indoor Units

LMU540HV Non-ducted type indoor unit Heating

Total indoor unit capacity (kBtu/h)	Cooling capacity						Input(W)			COP	HSPF
	Min		Rated		Max		Min	Rated	Max		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	15,467	4.5	25,778	7.6	28,444	8.3	1,490	2,400	2,751	4.8	10.3
25	16,111	4.7	26,852	7.9	29,630	8.7	1,552	2,500	2,866	4.7	10.2
26	16,756	4.9	27,926	8.2	30,815	9.0	1,614	2,600	2,980	4.6	10.1
27	17,400	5.1	29,000	8.5	32,000	9.4	1,676	2,700	3,095	4.6	10.1
28	18,044	5.3	30,074	8.8	33,185	9.7	1,738	2,800	3,210	4.5	10.0
29	18,689	5.5	31,148	9.1	34,370	10.1	1,800	2,900	3,324	4.5	10.0
30	19,333	5.7	32,222	9.4	35,556	10.4	1,863	3,000	3,439	4.4	9.9
31	19,978	5.9	33,296	9.8	36,741	10.8	1,925	3,100	3,554	4.4	9.9
32	20,622	6.0	34,370	10.1	37,926	11.1	1,987	3,200	3,668	4.3	9.8
33	21,267	6.2	35,444	10.4	39,111	11.5	2,049	3,300	3,783	4.3	9.8
34	21,911	6.4	36,519	10.7	40,296	11.8	2,111	3,400	3,897	4.2	9.7
35	22,556	6.6	37,593	11.0	41,481	12.2	2,173	3,500	4,012	4.2	9.7
36	23,200	6.8	38,667	11.3	42,667	12.5	2,235	3,600	4,127	4.1	9.6
37	23,844	7.0	39,741	11.6	43,852	12.9	2,297	3,700	4,241	4.1	9.6
38	24,489	7.2	40,815	12.0	45,037	13.2	2,359	3,800	4,356	4.0	9.5
39	25,133	7.4	41,889	12.3	46,222	13.5	2,421	3,900	4,471	3.9	9.5
40	25,778	7.6	42,963	12.6	47,407	13.9	2,483	4,000	4,585	3.9	9.4
41	26,422	7.7	44,037	12.9	48,593	14.2	2,545	4,100	4,700	3.8	9.4
42	27,067	7.9	45,111	13.2	49,778	14.6	2,608	4,200	4,814	3.8	9.3
43	27,711	8.1	46,185	13.5	50,963	14.9	2,670	4,300	4,929	3.7	9.3
44	28,356	8.3	47,259	13.9	52,148	15.3	2,732	4,400	5,044	3.7	9.2
45	29,000	8.5	48,333	14.2	53,333	15.6	2,794	4,500	5,158	3.6	9.2
46	29,644	8.7	49,407	14.5	54,519	16.0	2,856	4,600	5,273	3.6	9.1
47	30,289	8.9	50,481	14.8	55,704	16.3	2,918	4,700	5,388	3.5	9.1
48	30,933	9.1	51,556	15.1	56,889	16.7	2,980	4,800	5,502	3.5	9.0
49	31,578	9.3	52,630	15.4	58,074	17.0	3,042	4,900	5,617	3.4	9.0
50	32,222	9.4	53,704	15.7	59,259	17.4	3,104	5,000	5,731	3.4	8.9
51	32,867	9.6	54,778	16.1	60,444	17.7	3,166	5,100	5,846	3.3	8.9
52	33,511	9.8	55,852	16.4	61,630	18.1	3,228	5,200	5,961	3.3	8.8
53	34,156	10.0	56,926	16.7	62,815	18.4	3,290	5,300	6,075	3.2	8.8
54	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7
55	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7
56	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7
57	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7
58	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7
59	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7
60	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7
61	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7
62	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7
63	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7
64	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7
65	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7
66	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7
67	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7
68	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7
69	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7
70	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7
71	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7
72	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7
73	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,400	6,190	3.1	8.7

Multi F Combination of Indoor Units

LMU540HV Ducted type indoor unit Cooling

Total indoor unit capacity (kBtu/h)	Cooling capacity						Input(W)			EER	SEER
	Min		Rated		Max		Min	Rated	Max		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	13,600	4.0	22,667	6.6	28,089	8.2	1,000	2,265	2,604	12.3	18.3
25	14,167	4.2	23,611	6.9	29,259	8.6	1,042	2,360	2,713	12.2	18.1
26	14,733	4.3	24,556	7.2	30,430	8.9	1,083	2,454	2,821	12.1	18.1
27	15,300	4.5	25,500	7.5	31,600	9.3	1,125	2,549	2,930	12.0	18.0
28	15,867	4.7	26,444	7.8	32,770	9.6	1,167	2,643	3,039	11.9	17.9
29	16,433	4.8	27,389	8.0	33,941	9.9	1,208	2,737	3,147	11.9	17.8
30	17,000	5.0	28,333	8.3	35,111	10.3	1,250	2,832	3,256	11.8	17.7
31	17,567	5.1	29,278	8.6	36,281	10.6	1,292	2,926	3,364	11.7	17.7
32	18,133	5.3	30,222	8.9	37,452	11.0	1,333	3,020	3,473	11.6	17.6
33	18,700	5.5	31,167	9.1	38,622	11.3	1,375	3,115	3,581	11.6	17.5
34	19,267	5.6	32,111	9.4	39,793	11.7	1,417	3,209	3,690	11.5	17.4
35	19,833	5.8	33,056	9.7	40,963	12.0	1,458	3,304	3,798	11.4	17.3
36	20,400	6.0	34,000	10.0	42,133	12.3	1,500	3,398	3,907	11.3	17.3
37	20,967	6.1	34,944	10.2	43,304	12.7	1,542	3,492	4,015	11.3	17.2
38	21,533	6.3	35,889	10.5	44,474	13.0	1,583	3,587	4,124	11.2	17.1
39	22,100	6.5	36,833	10.8	45,644	13.4	1,625	3,681	4,232	11.1	17.0
40	22,667	6.6	37,778	11.1	46,815	13.7	1,667	3,776	4,341	11.0	16.9
41	23,233	6.8	38,722	11.3	47,985	14.1	1,708	3,870	4,449	11.0	16.8
42	23,800	7.0	39,667	11.6	49,156	14.4	1,750	3,964	4,558	10.9	16.8
43	24,367	7.1	40,611	11.9	50,326	14.7	1,792	4,059	4,666	10.8	16.7
44	24,933	7.3	41,556	12.2	51,496	15.1	1,833	4,153	4,775	10.7	16.6
45	25,500	7.5	42,500	12.5	52,667	15.4	1,875	4,248	4,883	10.7	16.5
46	26,067	7.6	43,444	12.7	53,837	15.8	1,917	4,342	4,992	10.6	16.4
47	26,633	7.8	44,389	13.0	55,007	16.1	1,958	4,436	5,100	10.5	16.4
48	27,200	8.0	45,333	13.3	56,178	16.5	2,000	4,531	5,209	10.4	16.3
49	27,767	8.1	46,278	13.6	57,348	16.8	2,042	4,625	5,317	10.4	16.2
50	28,333	8.3	47,222	13.8	58,519	17.2	2,083	4,719	5,426	10.3	16.1
51	28,900	8.5	48,167	14.1	59,689	17.5	2,125	4,814	5,534	10.2	16.0
52	29,467	8.6	49,111	14.4	60,859	17.8	2,167	4,908	5,643	10.2	16.0
53	30,033	8.8	50,056	14.7	62,030	18.2	2,208	5,003	5,751	10.1	15.9
54	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8
55	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8
56	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8
57	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8
58	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8
59	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8
60	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8
61	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8
62	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8
63	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8
64	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8
65	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8
66	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8
67	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8
68	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8
69	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8
70	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8
71	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8
72	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8
73	30,600	9.0	51,000	14.9	63,200	18.5	2,250	5,097	5,860	10.0	15.8

Multi F Combination of Indoor Units

LMU540HV Ducted type indoor unit Heating

Total indoor unit capacity (kBtu/h)	Cooling capacity						Input(W)			COP	HSPF
	Min		Rated		Max		Min	Rated	Max		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	15,467	4.5	25,778	7.6	28,444	8.3	1,490	2,480	2,751	4.4	9.8
25	16,111	4.7	26,852	7.9	29,630	8.7	1,552	2,583	2,866	4.3	9.7
26	16,756	4.9	27,926	8.2	30,815	9.0	1,614	2,687	2,980	4.3	9.6
27	17,400	5.1	29,000	8.5	32,000	9.4	1,676	2,790	3,095	4.2	9.6
28	18,044	5.3	30,074	8.8	33,185	9.7	1,738	2,893	3,210	4.2	9.5
29	18,689	5.5	31,148	9.1	34,370	10.1	1,800	2,997	3,324	4.1	9.5
30	19,333	5.7	32,222	9.4	35,556	10.4	1,863	3,100	3,439	4.1	9.4
31	19,978	5.9	33,296	9.8	36,741	10.8	1,925	3,203	3,554	4.1	9.3
32	20,622	6.0	34,370	10.1	37,926	11.1	1,987	3,307	3,668	4.0	9.3
33	21,267	6.2	35,444	10.4	39,111	11.5	2,049	3,410	3,783	4.0	9.2
34	21,911	6.4	36,519	10.7	40,296	11.8	2,111	3,513	3,897	3.9	9.2
35	22,556	6.6	37,593	11.0	41,481	12.2	2,173	3,617	4,012	3.9	9.1
36	23,200	6.8	38,667	11.3	42,667	12.5	2,235	3,720	4,127	3.8	9.0
37	23,844	7.0	39,741	11.6	43,852	12.9	2,297	3,823	4,241	3.8	9.0
38	24,489	7.2	40,815	12.0	45,037	13.2	2,359	3,927	4,356	3.7	8.9
39	25,133	7.4	41,889	12.3	46,222	13.5	2,421	4,030	4,471	3.7	8.9
40	25,778	7.6	42,963	12.6	47,407	13.9	2,483	4,133	4,585	3.7	8.8
41	26,422	7.7	44,037	12.9	48,593	14.2	2,545	4,237	4,700	3.6	8.8
42	27,067	7.9	45,111	13.2	49,778	14.6	2,608	4,340	4,814	3.6	8.7
43	27,711	8.1	46,185	13.5	50,963	14.9	2,670	4,443	4,929	3.5	8.6
44	28,356	8.3	47,259	13.9	52,148	15.3	2,732	4,547	5,044	3.5	8.6
45	29,000	8.5	48,333	14.2	53,333	15.6	2,794	4,650	5,158	3.4	8.5
46	29,644	8.7	49,407	14.5	54,519	16.0	2,856	4,753	5,273	3.4	8.5
47	30,289	8.9	50,481	14.8	55,704	16.3	2,918	4,857	5,388	3.4	8.4
48	30,933	9.1	51,556	15.1	56,889	16.7	2,980	4,960	5,502	3.3	8.3
49	31,578	9.3	52,630	15.4	58,074	17.0	3,042	5,063	5,617	3.3	8.3
50	32,222	9.4	53,704	15.7	59,259	17.4	3,104	5,167	5,731	3.2	8.2
51	32,867	9.6	54,778	16.1	60,444	17.7	3,166	5,270	5,846	3.2	8.2
52	33,511	9.8	55,852	16.4	61,630	18.1	3,228	5,373	5,961	3.1	8.1
53	34,156	10.0	56,926	16.7	62,815	18.4	3,290	5,477	6,075	3.1	8.1
54	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0
55	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0
56	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0
57	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0
58	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0
59	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0
60	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0
61	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0
62	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0
63	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0
64	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0
65	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0
66	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0
67	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0
68	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0
69	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0
70	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0
71	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0
72	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0
73	34,800	10.2	58,000	17.0	64,000	18.8	3,353	5,580	6,190	3.0	8.0



LG

Life's Good

AjMadison
Your Appliance Authority™

800-570-3355

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.

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 BTU/h



Digital Control Panel

Packaged Terminal Air Conditioners

PTAC Features & Benefits

Ventilation Filter

Polymeric mesh filter allows clean, fresh air into the living space. Suitable for hospitality, health care and 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.



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.
- **Auto Restart**
Automatically restarts to programmed setting when the electricity comes on after a power failure.

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.



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

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 maximize guest comfort.

Pressure Control

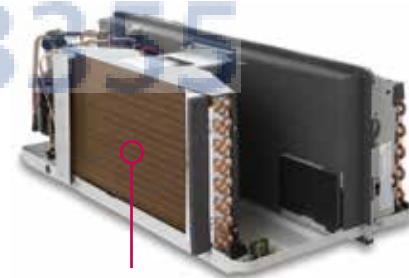
Protects guests by shutting down the compressor on abnormal high pressure condition.

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 patented process is standard on ALL LG PTAC models.



*230V 2.5 & 3.5kW only

Power Cord

Included (Contact your local LG rep for confirmation)

Dip Switch Setting

Saves money by allowing owner to control the lowest and highest temperature.



Packaged Terminal Air Conditioners

7,000-15,000 BTU/h Digital Control (230/208V)



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

- CH**
LP073HD2(3)A (Heat Pump Model)
7,400 BTU/h Cooling & Heating
- LP093HD3A (Heat Pump Model)**
9,000 BTU/h Cooling & Heating
- LP123HD3A (Heat Pump Model)**
11,800 BTU/h Cooling & Heating
- LP153HD3(5)A (Heat Pump Model)**
14,700 BTU/h Cooling & Heating



FEATURES:

- Gold Fin™ anti-corrosion treatment
- Cooling mode
- Heating mode
- Fan 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 only)

System Includes:

- Wall unit
- Installation manual
- UL#: SA13362

* Specification can be changed without notification

System Model #	LP073CD2A LP073CD3A	LP093CD3A	LP123CD3A	LP153CD3A LP153CD5A	LP073HD2A LP073HD3A	LP093HD3A	LP123HD3A	LP153HD3A LP153HD5A
Control Type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Performance								
Capacity (BTU/h)	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	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
EER	11.6	11.0	10.6	9.2	11.6	11.0	10.6	9.4
Air Circulation (CFM H/L)	247/212	255/220	353/318	388/353	247/212	247/212	353/318	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)	2.3	2.8	3.9 (LP153CD3A) 4.4 (LP153CD5A)	1.6 (LP073HD2A) 2.0 (LP073HD3A)	2.3	2.9	4.1 (LP153HD3A) 4.6 (LP153HD5A)
Indoor dB(A)*	45/43	46/44	50/48	50/48	45/43	46/44	50/48	51 / 49
Outdoor dB(A)*	61	61	63	63	61	61	63	64
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 limited warranty, parts and labor. Limited warranty on unit for years 2-5: parts only, exclusive of the refrigeration system. Limited warranty on sealed refrigeration system: 5 years, parts and labor.

Packaged Terminal Air Conditioners

7,000-15,000 BTU/h Digital Control (265V)



- C**
LP076CD2(3)A (H/C Model)
7,200 BTU/h Cooling & Heating
- LP096CD3A** (H/C Model)
9,000 BTU/h Cooling & Heating
- LP126CD3A** (H/C Model)
11,800 BTU/h Cooling & Heating
- LP156CD3(5)A** (H/C Model)
14,000 BTU/h Cooling & Heating

- C H**
LP076HD2(3)A (Heat Pump Model)
7,300 BTU/h Cooling & Heating
- LP096HD3A** (Heat Pump Model)
9,200 BTU/h Cooling & Heating
- LP126HD3A** (Heat Pump Model)
11,800 BTU/h Cooling & Heating
- LP156HD3(5)A** (Heat Pump Model)
14,700 BTU/h Cooling & Heating



* Sub Base assembly is mandatory for models rated 265V. (UL standard)

FEATURES:

- Gold Fin™ anti-corrosion treatment
- Cooling mode
- Heating mode
- Fan 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

System Includes:

- Wall unit
- Installation manual
- UL#: SA13362

* Specification can be changed without notification

System Model #	LP076CD2A LP076CD3A	LP096CD3A	LP126CD3A	LP156CD3A LP156CD5A	LP076HD2A LP076HD3A	LP096HD3A	LP126HD3A	LP156HD3A LP156HD5A
Control Type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Performance								
Capacity (BTU/h)	7,200	9,000	11,800	14,000	7,300	9,200	11,800	14,700
Refrigerant	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
EER	11.0	10.5	10.2	9.0	11.2	10.8	10.4	9.4
Air Circulation (CFM H/L)	265/235	290/260	388/358	388/358	265/235	290/260	346/316	388/358
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)	1.5 (LP076CD2A) 2.0 (LP076CD3A)	2.0	2.6	3.8 (LP156CD3A) 4.4 (LP156CD5A)	1.5 (LP076HD2A) 2.0 (LP076HD3A)	2.2	2.4	4.1 (LP156HD3A) 4.6 (LP156HD5A)
Indoor dB(A)*	45/43	46/44	50/48	50/48	45/43	46/44	50/48	51/49
Outdoor dB(A)*	61	61	63	63	61	61	63	64
STC	30	30	30	30	30	30	30	30
Electrical								
Rated Voltage	265-60-1	265-60-1	265-60-1	265-60-1	265-60-1	265-60-1	265-60-1	265-60-1
Electric Heater (kW)	2.0 (LP076CD2A) 3.7 (LP076CD3A)	3.5	3.5	3.5 (LP156CD3A) 5 (LP156CD5A)	2.0 (LP076HD2A) 3.7 (LP076HD3A)	3.5	3.5	3.5 (LP156HD3A) 5 (LP156HD5A)
Circuit Breaker (A)	15 (LP076CD2A) 20 (LP076CD3A)	20	20	20 (LP156CD3A) 30 (LP156CD5A)	15 (LP076HD2A) 20 (LP076HD3A)	20	20	20 (LP156HD3A) 30 (LP156HD5A)
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.)	93.0	103.8	103.8	108.2	97.9	107.4	107.4	116
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 limited warranty, parts and labor. Limited warranty on unit for years 2-5: parts only, exclusive of the refrigeration system. Limited warranty on sealed refrigeration system: 5 years, parts and labor.

Through-The-Wall Air Conditioners

Through-The-Wall Air Conditioners

LG's Through-The-Wall models offer versatile, energy efficient solutions for residential and light commercial applications.

All models feature Gold Fin™ Technology which protects the unit from the corrosive effects of salt air and can extend the units operating life.

Sizes range from 8,000 to 14,000 BTU/h, and both cooling only and heat/cool models are offered. Also, the standard size chassis fits into any competitive wall sleeve, providing an easy upgrade for an existing system.

TTW Features & Benefits

Gold Fin™ Anti-Corrosion

Protects the unit from the corrosive effects of outside air and extends the operating life of TTW models.

Push Button Shift Mode

Allows you to switch between cool and heat with ease.

24-Hour On-Off Timer

Allows you to set the number of hours you would like the unit to run, up to 24 hours.

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.



Remote Control

Easy to use Wireless Remote Control.

Trim Kit

Unit has a nice, finished look when placed into an existing wall sleeve.

Through-The-Wall Air Conditioners

8,000-14,000 BTU/h



LT0813CNR (A/C Model)
8,000 BTU/h Cooling

LT1013CNR (A/C Model)
9,800 BTU/h Cooling

LT1033CNR (A/C Model)
10,000 BTU/h Cooling

LT1213CNR (A/C Model)
11,500 BTU/h Cooling

LT1233CNR (A/C Model)
11,500 BTU/h Cooling

LT1433CNR (A/C Model)
13,000 BTU/h Cooling



FEATURES:

- Gold Fin™ anti-corrosion treatment
- Cooling mode
- Fan mode
- Auto sleep mode
- Auto restart
- 24-Hour on-off timer

System Includes:

- Wall unit
- Remote control and batteries
- Installation manual
- Trim kit

UL#: SA7244



* Specification can be changed without notification

System Model #	LT0813CNR	LT1013CNR	LT1033CNR	LT1213CNR	LT1233CNR	LT1433CNR
Performance						
Capacity (BTU/h)	8,000	9,800	10,000/9,800	11,500	11,500/11,200	13,000/12,600
EER	8.8	8.8	8.8	8.8	8.8/8.8	8.5/8.5
Air Circulation (CFM H/L)	260/220	285/225	285/225	290/230	290/230	310/250
Fan Speeds (Cooling/Fan)	3/3	3/3	3/3	3/3	3/3	3/3
Dehumidification (pts/hr)	2.2	3.2	3.2	3.8	3.8	4.0
Indoor dB(A)*	49/46	51/48	51/48	52/49	52/49	53/50
Outdoor dB(A)*	59	60	60	61	61	62
Electrical						
Rated Voltage	115-60-1	115-60-1	230/208-60-1	115-60-1	230/208-60-1	230/208-60-1
Circuit Breaker (A)	15	20	15	20	15	15
Dimensions						
W x H x D (inches)	24 x 14 13/32 x 20 3/32	24 x 14 13/32 x 20 3/32	24 x 14 13/32 x 20 3/32	24 x 14 13/32 x 20 3/32	24 x 14 13/32 x 20 3/32	24 x 14 13/32 x 20 3/32
Weight (lbs.)	73.0	78.0	78.0	80.0	80.0	87.0
Thermostat Range						
Cooling (°F)	60-86	60-86	60-86	60-86	60-86	60-86

*LG verified sound rating

Limited warranty : 1 year parts, labor, and compressor.

THROUGH-THE-WALL

Through-The-Wall Air Conditioners

10,000-12,000 BTU/h

C H

LT1033HNR (H/C Model)
10,000 BTU/h Cooling & Heating

LT1233HNR (H/C Model)
11,500 BTU/h Cooling & Heating



FEATURES:

- Gold Fin™ anti-corrosion treatment
- Cooling mode
- Heating mode
- Fan mode
- Auto sleep mode
- Auto restart
- 24-Hour on-off timer

System Includes:

- Wall unit
- Remote control and batteries
- Installation manual
- Trim kit

UL#: SA7244

* Specification can be changed without notification

System Model #	LT1033HNR	LT1233HNR
Performance		
Capacity (BTU/h)	C 10,000/9,800 H 11,200/9,200	11,500/11,200 11,200/9,200
EER	9.4/9.4	8.8/8.8
Air Circulation (CFM H/L)	285/225	290/230
Fan Speeds (Cooling/Heating/Fan)	2/2/2	2/2/2
Dehumidification (pts/hr)	3.2	3.8
Indoor dB(A)*	51/48	52/49
Outdoor dB(A)*	60	61
Electrical		
Rated Voltage	230/208-60-1	230/208-60-1
Circuit Breaker (A)	20	20
Dimensions		
W x H x D (inches)	24 21/32 x 14 13/32 x 19 21/32	24 21/32 x 14 13/32 x 19 21/32
Weight (lbs.)	78.0	80.0
Thermostat Range		
Cooling/Heating (°F)	60-86	60-86

*LG verified sound rating

Limited warranty: 1 year parts, labor, and compressor.

Through-The-Wall Air Conditioners

Optional Accessories

Description	Model #
26" Wall Sleeve	AXSVA1
Stamped Aluminum Grille	AXRGALA01
Wall Sleeve with Stamped Aluminum Grille	AXSVA4
Architectural Grille	AXAGALA01A



Wall Sleeve
AXSVA1



Stamped Aluminum Grille
AXRGALA01



Wall Sleeve with Stamped
Aluminum Grill
AXSVA4



Architectural Grille
AXAGALA01A (Aluminum Color)

Also Available in dark bronze and soft dove color. Please contact Ruskin Company at 1-800-239-4621 for more information.

Sleeve Dimensions of Major Brands (inches)	Friedrich USC Sleeve	GE	Amana	Whirlpool Fedders	Frigidaire	LG
Height	15 17/32	15 5/8	15 5/8	15 3/4	15 7/16	15 17/32
Width	25 7/8	26	26	26 3/4	25 7/8	25 7/8
Depth	16 23/32	16 7/8	16 7/8	15	18	16 23/32

Inside dimension of LG Sleeve (W x H x D, inches): 25 5/16 x 14 7/8 x 15 5/16



LG Electronics USA, Inc. HVAC

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For technical support on a DFS and PTAC TTW Product call 888-865-3026, press 2.

For general information call your local LG Sales Representative.

www.lghvac.com