

ENGINEERING AND SPECIFICATIONS GUIDE

DUCT-FREE AIR CONDITIONING SYSTEMS • ART COOL • INVERTER • FLEX MULTI-SPLIT
 • FLOOR STANDING • CEILING CASSETTE • PTAC • PTHP • THROUGH-THE-WALL



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 or email us at lghvac@lge.com



INNOVATIVE COMFORT SOLUTIONS

AT LG, WE BELIEVE COMFORT SHOULD ALWAYS BE BEAUTIFUL & INNOVATIVE.



MINI-SPLIT ART COOL, SINGLE ZONE AND INVERTER, SINGLE ZONE



9,900 and 11,500 BTUs
Heat Pump
pg. 7,8



9,000-24,000 BTUs
Heat Pump Inverter
pg. 9-12

FLOOR STANDING AND CEILING CASSETTE, SINGLE ZONE



24,000 BTUs
Heat Pump Inverter
pg. 49



42,000 BTUs
Heat Pump Inverter
pg. 49



24,000 and 42,000 BTUs
Heat Pump Inverter
pg. 50

MINI-SPLIT STANDARD, HIGH EFFICIENT INVERTER, SINGLE ZONE



9,000-18,000 BTUs
Cooling and Heat Pump
pg. 21-23



24,000-30,000 BTUs
Heat Pump Inverter
pg. 24-25



9,000-24,000 BTUs
Heat Pump Inverter
pg. 15-18

THROUGH-THE-WALL



8,000-14,000 BTUs
Cooling
10,000-12,000 BTUs
Heat/Cool
pg. 61-63

PACKAGED TERMINAL AIR CONDITIONERS



7,000-15,000 BTUs
Heat/Cool
7,000-15,000 BTUs
Heat Pump
pg. 53-59

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



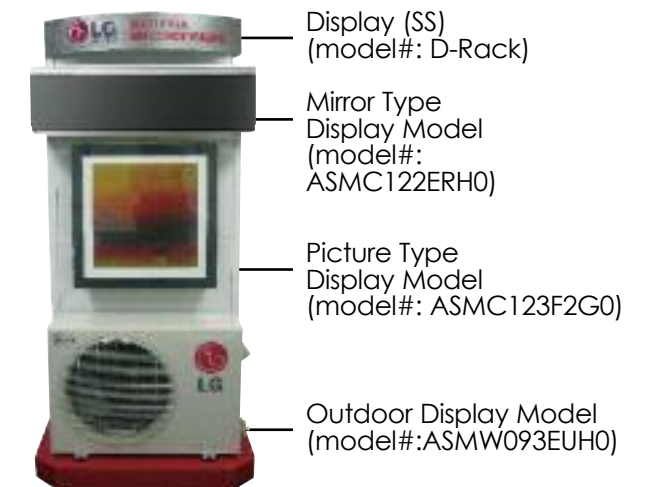
Dual-Zone : Mix and match for 18,000-24,000 BTUs
Tri-Zone : Mix and match for 27,000-33,000 BTUs
Quad-Zone : Mix and match for 36,000-48,000 BTUs
Heat Pump Inverter
pg. 30-34

WINDOW AIR CONDITIONER



7,000-24,000 BTUs
Heat/Cool
pg. 64

ART COOL DISPLAY RACK



WIRELESS WALL THERMOSTAT



Wireless
Environmental
Control Manager
(ECM) for PTACs



Wireless Energy Management
Digital Wall Thermosta for Duct-Free
Systems Applicable to 36V DC
indoor models(Single Zone) only

THE LG HVAC ADVANTAGE

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

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

Split Systems

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

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, with most models ENERGY STAR® qualified. 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 an extremely low decibel level and outstanding sound prevention rating. Plus, LG models are efficient which translates into excellent energy savings.

Feature Advantages:

Look for these key features throughout the LG line.

- **Attractive, customizable indoor units.** Art Cool provides numerous options to complement any décor. The Art Cool Customizable Art Panel works like a picture frame – any art or photograph can be displayed. Other Art Cool units come in a variety of beautiful colors and finishes to suit any room.



- **Multi Power System™** Energy-saving twin compressors: one provides power at 60% capacity until the system reaches a desired temperature.

Then the smaller compressor takes over to provide sustained operation at 40% capacity.



- **Inverter.** Inverter heat pump air conditioners use a variable speed compressor, rather than the constant speed found in conventional ACs. Instead of shutting off once the desired temperature is reached, the inverter compressor continues to operate at low speed to maintain that temperature. It is quieter to operate and uses less energy than conventional ACs, which cycle on and off.



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

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

- **Patented Plasma Air Purifying System.** The 4-stage system features a large, permanent filter and an electronic air purifier that captures microscopic contaminants like dust, mite, pollen and pet fur.
- **Art Cool Self-Cleaning Indoor Coil.** Drives dirt and moisture from coil surface leaving it clean and fresh smelling.
- **Dehumidifying Mode.** Indoor unit accurately senses room temperature and controls humidity by shutting down the compressor before a room is over-cooled.
- **Chaos Swing.** Electronically controlled louvers and fan speeds create a more natural, random flow of air, reducing temperature stratification.
- **Art Cool Three-way Cooling.** Air flows out of the unit from three directions, creating more natural circulation.
- **Jet Cool.** Operates at high speed for up to 30 minutes to quickly cool a room down to 64° F.
- **Swirl Wind.** Four-way controlled louvers and fan speeds create a stronger, wider air flow and reduce temperature stratification.
- **Auto Operation.** Provides three levels of comfort from which to choose. Temperature and fan speed will set automatically.
- **Manual Power Switch.** Easily accessed button allows for continued operation if the remote control is misplaced.
- **Defrost Control.** Shuts down the indoor fan to prevent cold air from being blown into the house. Removes frost from outdoor coil when the outdoor temperature is low (Heat Pump only).
- **Temperature Display.** Shows room temperature of interior unit.
- **Auto Sleep Mode.** Automatically increases the temperature setting 2° F twice (after 1/2 hour and one hour). The interior unit shuts off when the timer setting is reached.
- **Auto Restart.** Automatically restarts a unit to programmed setting when the electricity comes on after a power failure.

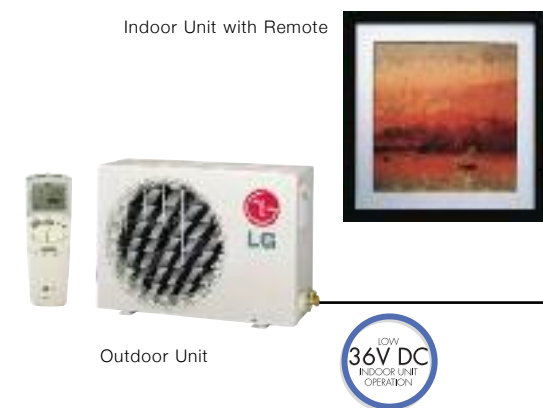
ART COOL™

ART COOL MINI-SPLIT 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 picture models come with a frame that allows the customer to modify and personalize the unit with their own artwork or photography – the ultimate in custom design. Other Art Cool indoor units are available in popular finishes and colors to compliment any décor.

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



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

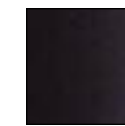
Available styles and finishes



Mini-Split Art Cool Indoor Unit Customizable Picture Art Panel



Mini-Split Art Cool Inverter Indoor Unit Mirror Finish



Standard Mirror



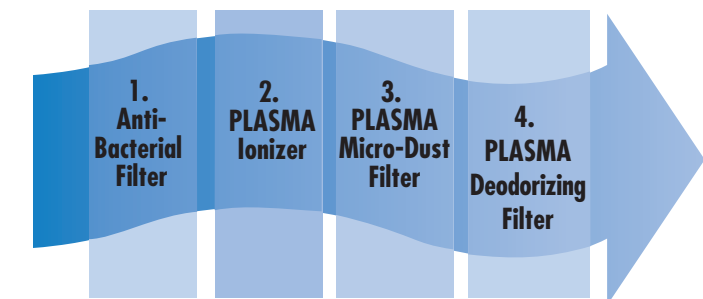
Organic Cream White



Art Flower Gold



Snow Flower White



Outstanding air purification

The wall unit features LG’s PLASMA Air Purifying System that provides excellent indoor air quality. Freshen the air anytime, whether cooling a room or operating in fan only mode.

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

HIGH WALL DUCT-FREE • ART COOL MINI-SPLIT SINGLE ZONE

9,000 BTUs

LA096HNP (H/P Model)

- C 9,900 BTUs Cooling
- H 9,900 BTUs Heating



FEATURES:

- Customizable art panel
 - R-410A Refrigerant
 - Plasma Air Purifying System
 - Self-cleaning indoor coil
 - Dehumidifying mode
 - Chaos Swing
 - Three-way cooling
 - Jet Cool
 - Cooling mode
 - Heating mode (H/P model only)
 - Fan mode
 - Auto operation
 - Manual power switch
 - Defrost control (H/P model only)
 - Auto sleep mode
 - Auto restart
 - Built-in low ambient standard, down to 0°F (cooling mode)
 - 24-Hour on/off timer
 - Evaporator frost control
 - Gold Fin™ Anti-Corrosion
 - Remote control, batteries, holder & holder hardware
 - Installation manual
- Exterior Unit Includes:**
- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included) ETL# : 3091879
- Interior Unit Includes:**
- Wall unit
 - Installation plate & hardware

System Model #	LA096HNP
Indoor Model #	LAN096HNP
Outdoor Model #	LAU096HNP
Performance	
Capacity (BTUs)	C 9,900 H 9,900
SEER	13
Air Circulation (CFM H/M/L)	330/261/194
Fan Speeds	4/Auto/Chaos
Dehumidification (pts/hour)	3.0
Indoor dB(A)*	43/35/29
Outdoor dB(A)*	48
Electrical	
Rated Voltage Outdoor	115-60-1
Rated Voltage Indoor	36V DC
Indoor Dimensions	
W x H x D (inches)	23 5/8 x 5 3/4
Weight (lbs.)	33.1
Outdoor Dimensions	
W x H x D (inches)	30 5/16 x 21 5/16 x 9 5/8
Weight (lbs.)	70.5
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

HIGH WALL DUCT-FREE • ART COOL MINI-SPLIT SINGLE ZONE

12,000 BTUs

LA126HNP (H/P Model)

- C 11,500 BTUs Cooling
- H 11,000 BTUs Heating



FEATURES:

- Customizable art panel
 - R-410A Refrigerant
 - Plasma Air Purifying System
 - Self-cleaning indoor coil
 - Dehumidifying mode
 - Chaos Swing
 - Three-way cooling
 - Jet Cool
 - Cooling mode
 - Heating mode (H/P model only)
 - Fan mode
 - Auto operation
 - Manual power switch
 - Defrost control (H/P model only)
 - Auto sleep mode
 - Auto restart
 - Built-in low ambient standard, down to 0°F (cooling mode)
 - 24-Hour on/off timer
 - Evaporator frost control
 - Gold Fin™ Anti-Corrosion
 - Remote control, batteries, holder & holder hardware
 - Installation manual
- Exterior Unit Includes:**
- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included) ETL# : 3091879
- Interior Unit Includes:**
- Wall unit
 - Installation plate & hardware

System Model #	LA126HNP
Indoor Model #	LAN126HNP
Outdoor Model #	LAU126HNP
Performance	
Capacity (BTUs)	C 11,500 H 11,000
SEER	13
Air Circulation (CFM H/M/L)	330/261/194
Fan Speeds	4/Auto/Chaos
Dehumidification (pts/hour)	3.0
Indoor dB(A)*	43/35/29
Outdoor dB(A)*	48
Electrical	
Rated Voltage Outdoor	115-60-1
Rated Voltage Indoor	36V DC
Indoor Dimensions	
W x H x D (inches)	23 5/8 x 5 3/4
Weight (lbs.)	33.1
Outdoor Dimensions	
W x H x D (inches)	30 5/16 x 21 5/16 x 9 5/8
Weight (lbs.)	70.5
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

HIGH WALL DUCT-FREE • ART COOL MINI-SPLIT SINGLE ZONE • INVERTER

9,000 BTUs

- LA096HV (H/P Model)**
C 9,000 BTUs Cooling
H 11,700 BTUs Heating



FEATURES:

- | | | | |
|--|--|---|---|
| <ul style="list-style-type: none"> • Inverter (Variable speed compressor) • R-410A Refrigerant • Plasma air purifying system • Chaos Swing • Self-cleaning indoor coil • Auto changeover • Jet Cool • Cooling/Heating/Fan Mode • Auto sleep mode • Ultra-quiet operation | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Energy Saving • Gold Fin™ Anti-Corrosion | <p>Exterior Unit Includes:</p> <ul style="list-style-type: none"> • Exterior unit • Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included) <p>ETL# : 3091879</p> |
| <p>Interior Unit Includes:</p> <ul style="list-style-type: none"> • Wall unit • Installation plate & hardware • Remote control, batteries, holder & holder hardware • Installation manual • Standard mirror panel | | | |

System Model #	LA096HV
Indoor Model #	LAN096HV
Outdoor Model #	LAU096HV
Performance	
Capacity (BTUs)	C 9,000 H 11,700
SEER	19
Air Circulation (CFM H/M/L)	230/180/140
Fan Speeds	5/Auto/Chaos
Dehumidification (pts/hr)	2.6
Indoor dB(A)*	38/35/32
Outdoor dB(A)*	48
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
Indoor Dimensions	
W x H x D (inches)	35 3/16 x 11 1/8 x 6 1/2
Weight (lbs.)	23.1
Outdoor Dimensions	
W x H x D (inches)	30 5/16 x 21 5/16 x 9 5/8
Weight (lbs.)	83.8
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

HIGH WALL DUCT-FREE • ART COOL MINI-SPLIT SINGLE ZONE • INVERTER

12,000 BTUs

- LA126HV (H/P Model)**
C 11,800 BTUs Cooling
H 15,100 BTUs Heating



FEATURES:

- | | | | |
|--|--|---|---|
| <ul style="list-style-type: none"> • Inverter (Variable speed compressor) • R-410A Refrigerant • Plasma air purifying system • Chaos Swing • Self-cleaning indoor coil • Auto changeover • Jet Cool • Cooling/Heating/Fan Mode • Auto sleep mode • Ultra-quiet operation | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Energy Saving • Gold Fin™ Anti-Corrosion | <p>Exterior Unit Includes:</p> <ul style="list-style-type: none"> • Exterior unit • Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included) <p>ETL# : 3091879</p> |
| <p>Interior Unit Includes:</p> <ul style="list-style-type: none"> • Wall unit • Installation plate & hardware • Remote control, batteries, holder & holder hardware • Installation manual • Standard mirror panel | | | |

System Model #	LA126HV
Indoor Model #	LAN126HV
Outdoor Model #	LAU126HV
Performance	
Capacity (BTUs)	C 11,800 H 15,100
SEER	18
Air Circulation (CFM H/M/L)	260/180/140
Fan Speeds	5/Auto/Chaos
Dehumidification (pts/hr)	3.0
Indoor dB(A)*	41/35/32
Outdoor dB(A)*	48
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
Indoor Dimensions	
W x H x D (inches)	35 3/16 x 11 1/8 x 6 1/2
Weight (lbs.)	23.1
Outdoor Dimensions	
W x H x D (inches)	30 5/16 x 21 5/16 x 9 5/8
Weight (lbs.)	83.8
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

HIGH WALL DUCT-FREE • ART COOL MINI-SPLIT SINGLE ZONE • INVERTER

18,000 BTUs

- LA186HV (H/P Model)
- C 17,600 BTUs Cooling
- H 20,400 BTUs Heating



FEATURES:

- Inverter(Variable speed compressor)
- R-410A Refrigerant
- Plasma air purifying system
- 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
- Gold Fin™ Anti-Corrosion

Interior Unit Includes:

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

Exterior Unit Includes:

- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)
- ETL# : 3091879

System Model #	LA186HV
Indoor Model #	LAN186HV
Outdoor Model #	LAU186HV

Performance

Capacity (BTUs)	C 17,600 H 20,400
SEER	15
Air Circulation (CFM H/M/L)	460/380/320
Fan Speeds	5/Auto/Chaos
Dehumidification (pts/hr)	5.3
Indoor dB(A)*	42/39/36
Outdoor dB(A)*	55

Electrical

Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1

Indoor Dimensions

W x H x D (inches)	43 11/16 x 11 3/4 x 7 7/8
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Weight (lbs.)	31.1
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Outdoor Dimensions

W x H x D (inches)	34 5/16 x 25 13/16 x 12 5/8
--------------------	-----------------------------

Weight (lbs.)	101.4
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Thermostat Range

Cooling / Heating (°F)	64-86/60-86
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*LG verified sound ratings

HIGH WALL DUCT-FREE • ART COOL MINI-SPLIT SINGLE ZONE • INVERTER

24,000 BTUs

- LA246HV (H/P Model)
- C 24,200 BTUs Cooling
- H 27,000 BTUs Heating



FEATURES:

- Inverter(Variable speed compressor)
- R-410A Refrigerant
- Plasma air purifying system
- 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
- Gold Fin™ Anti-Corrosion

Interior Unit Includes:

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

Exterior Unit Includes:

- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)
- ETL# : 3091879

System Model #	LA246HV
Indoor Model #	LAN246HV
Outdoor Model #	LAU246HV

Performance

Capacity (BTUs)	C 24,200 H 27,000
SEER	15.6
Air Circulation (CFM H/M/L)	530/445/378
Fan Speeds	5/Auto/Chaos
Dehumidification (pts/hr)	6.6
Indoor dB(A)*	47/42/39
Outdoor dB(A)*	56

Electrical

Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1

Indoor Dimensions

W x H x D (inches)	43 11/16 x 11 3/4 x 7 7/8
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Weight (lbs.)	31.1
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Outdoor Dimensions

W x H x D (inches)	31 1/2 x 12 5/8
--------------------	-----------------

Weight (lbs.)	132.3
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Thermostat Range

Cooling / Heating (°F)	64-86/60-86
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*LG verified sound ratings

ART COOL MINI-SPLIT SINGLE ZONE • INVERTER

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications										
Art Cool	Type	Model	BTUs	Voltage		Rated Amps	MCA*	MOP**		
				Indoor	Outdoor					
Single-Zone	H/P	C H LA096HNP	9,900	36V DC	115	7.2	15	20		
	H/P	C H LA126HNP	11,500	36V DC	115	9.3	15	20		
	H/P	C H LA096HV	9,000	230/208	230/208	3.2/3.5	8.2	15		
	H/P	C H LA126HV	11,800	230/208	230/208	5.0/5.5	9.9	15		
	H/P	C H LA186HV	17,600	230/208	230/208	7.3/8.0	12.4	20		
	H/P	C H LA246HV	24,200	230/208	230/208	11.0/12.1	16.7	25		

All equipment single phase.

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

*Minimum Circuit Ampacity
**Maximum Overcurrent Protection

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

Refrigerant Line Specifications***										
Art Cool	Type	Model	BTUs	Pipe Size		Additional Refrigerant	Max. Pipe Length	Max. Elevation		
				Liquid	Suction					
Single-Zone	H/P	C H LA096HNP	9,900	1/4"	1/2"	0.22 oz./ft.	49'	25'		
	H/P	C H LA126HNP	11,500	1/4"	1/2"	0.22 oz./ft.	49'	25'		
	H/P	C H LA096HV	9,000	1/4"	3/8"	0.22 oz./ft.	49'	25'		
	H/P	C H LA126HV	11,800	1/4"	3/8"	0.22 oz./ft.	49'	25'		
	H/P	C H LA186HV	17,600	1/4"	1/2"	0.22 oz./ft.	49'	25'		
	H/P	C H LA246HV	24,200	3/8"	5/8"	0.33 oz./ft.	98'	49'		

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

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

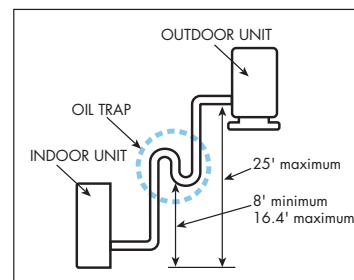


Figure A.
Example: 25 ft. maximum elevation.

MINI-SPLIT HIGH EFFICIENT AIR CONDITIONERS SINGLE-ZONE.

LG Electronics' products have led the global air conditioner market with excellent performance and innovative design. LSxxxHSV models, a brilliant new addition to LG's lineup, are high-performance air conditioners with a high SEER inverter and excellent design.



Indoor Unit

Eligible for Tax Benefit



Outdoor Unit

Inverter



HIGH WALL DUCT-FREE • MINI-SPLIT HIGH EFFICIENT SINGLE ZONE

9,000 BTUs / 12,000 BTUs

- LS091HSV (H/P Model)
- C 9,000 BTUs Cooling
- H 10,800 BTUs Heating

- LS121HSV (H/P Model)
- C 11,200 BTUs Cooling
- H 13,300 BTUs Heating



FEATURES:

- | | | | |
|--|--|---|--|
| <ul style="list-style-type: none"> • Inverter (Variable speed compressor) • Energy saving • R410a Refrigerant • Plasma air purifying system • Gold Fin™ Anti-corrosion • Allergy reduction filter • Deodorizing filter • Self-cleaning indoor coil • Cooling/Heating/Fan mode | <ul style="list-style-type: none"> • Jet cool/Jet heat • Chaos Swing • 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) | <ul style="list-style-type: none"> • 24-Hour on/off timer • Wall unit • Installation plate & hardware • Remote control, batteries, holder & holder hardware • Installation manual • Accessory -Model#:PQRCVSL0 (Wired Wall Thermostat) | <p>Exterior Unit Includes:</p> <ul style="list-style-type: none"> • Exterior unit • Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included) <p>ETL# : 3091879</p> |
|--|--|---|--|

System Model #	LS091HSV	LS121HSV
Indoor Model #	LSN091HSV	LSN121HSV
Outdoor Model #	LSU091HSV	LSU121HSV
Performance		
Capacity (BTUs)	C 9,000 H 10,800	C 11,200 H 13,300
SEER	20	20
Air Circulation (CFM H/M/L)	250/210/170	250/210/170
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	2.6	3.0
Indoor dB(A)*	38/33/24/19	39/33/24/19
Outdoor dB(A)*	45	45
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	230/208-60-1	230/208-60-1
Indoor Dimensions		
W x H x D (inches)	35 1/5 x 11 1/5 x 7 7/10	35 1/5 x 11 1/5 x 7 7/10
Weight (lbs.)	24.5	24.5
Outdoor Dimensions		
W x H x D (inches)	30 3/10 x 21 1/2 x 11.3/10	30 3/10 x 21 1/2 x 11.3/10
Weight (lbs.)	77.2	77.2
Thermostat Range		
Cooling / Heating (°F)	64-86/60-86	64-86/60-86

*LG verified sound ratings

HIGH WALL DUCT-FREE • MINI-SPLIT HIGH EFFICIENT SINGLE ZONE

16,000 BTUs

- LS161HSV (H/P Model)
- C 16,300 BTUs Cooling
- H 20,200 BTUs Heating



FEATURES:

- | | | | |
|--|--|---|--|
| <ul style="list-style-type: none"> • Inverter (Variable speed compressor) • Energy saving • R410a Refrigerant • Plasma air purifying system • Gold Fin™ Anti-corrosion • Allergy reduction filter • Deodorizing filter • Self-cleaning indoor coil • Cooling/Heating/Fan mode | <ul style="list-style-type: none"> • Jet cool/Jet heat • Chaos Swing • 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) | <ul style="list-style-type: none"> • 24-Hour on/off timer • Wall unit • Installation plate & hardware • Remote control, batteries, holder & holder hardware • Installation manual • Accessory -Model#:PQRCVSL0 (Wired Wall Thermostat) | <p>Exterior Unit Includes:</p> <ul style="list-style-type: none"> • Exterior unit • Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included) <p>ETL# : 3091879</p> |
|--|--|---|--|

System Model #	LS161HSV
Indoor Model #	LSN161HSV
Outdoor Model #	LSU161HSV
Performance	
Capacity (BTUs)	C 16,300 H 20,200
SEER	19
Air Circulation (CFM H/M/L)	330/280/230
Fan Speeds	4/Auto/Chaos
Dehumidification (pts/hr)	3.0
Indoor dB(A)*	42/38/34
Outdoor dB(A)*	51
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
Indoor Dimensions	
W x H x D (inches)	40 3/5 x 12 4/5 x 9 21/25
Weight (lbs.)	37.5
Outdoor Dimensions	
W x H x D (inches)	34 3/10 x 25 15/19 x 12 3/5
Weight (lbs.)	101.4
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

HIGH WALL DUCT-FREE • MINI-SPLIT HIGH EFFICIENT SINGLE ZONE

18,000 BTUs

- LS181HSV (H/P Model)
- C** 18,000 BTUs Cooling
- H** 20,600 BTUs Heating



* Available from June 2010

FEATURES:

- Inverter (Variable speed compressor)
- Energy saving
- R410a Refrigerant
- Plasma air purifying system
- Gold Fin™ Anti-corrosion
- Allergy reduction filter
- Deodorizing filter
- Self-cleaning indoor coil
- Cooling/Heating/Fan mode
- Jet cool/Jet heat
- Chaos Swing
- 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
- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual
- Accessory
- Model#:PQRCVSL0 (Wired Wall Thermostat)

Exterior Unit Includes:

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

ETL# : 3091879

* Specification can be changed without notification

System Model #	LS181HSV
Indoor Model #	LSN181HSV
Outdoor Model #	LSU181HSV

Performance	
Capacity (BTUs)	C 18,000 H 20,600
SEER	17.8
Air Circulation (CFM H/M/L)	600/510/420
Fan Speeds	6/Auto/Chaos
Dehumidification (pts/hr)	5.5
Indoor dB(A)*	45/40/34
Outdoor dB(A)*	52

Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1

Indoor Dimensions	
W x H x D (inches)	40 3/5 x 12 4/5 x 9 21/25

Weight (lbs.)	37.5
---------------	------

Outdoor Dimensions	
W x H x D (inches)	34 3/10 x 31 1/2 x 12 3/5

Weight (lbs.)	132.3
---------------	-------

Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

HIGH WALL DUCT-FREE • MINI-SPLIT HIGH EFFICIENT SINGLE ZONE

24,000BTUs

- LS240HSV (H/P Model)
- C** 24,000 BTUs Cooling
- H** 27,600 BTUs Heating



* Available from June 2010

FEATURES:

- Inverter (Variable speed compressor)
- Energy saving
- R410a Refrigerant
- Plasma air purifying system
- Gold Fin™ Anti-corrosion
- Allergy reduction filter
- Deodorizing filter
- Self-cleaning indoor coil
- Cooling/Heating/Fan mode
- Jet cool/Jet heat
- Chaos Swing
- 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
- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual
- Accessory
- Model#:PQRCVSL0 (Wired Wall Thermostat)

Exterior Unit Includes:

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

ETL# : 3091879

* Specification can be changed without notification

System Model #	LS240HSV
Indoor Model #	LSN240HSV
Outdoor Model #	LSU240HSV

Performance	
Capacity (BTUs)	C 24,000 H 27,600
SEER	18
Air Circulation (CFM H/M/L)	600/510/420
Fan Speeds	6/Auto/Chaos
Dehumidification (pts/hr)	6.0
Indoor dB(A)*	45/40/34
Outdoor dB(A)*	52

Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1

Indoor Dimensions	
W x H x D (inches)	40 3/5 x 12 4/5 x 9 21/25

Weight (lbs.)	37.5
---------------	------

Outdoor Dimensions	
W x H x D (inches)	34 3/10 x 31 1/2 x 12 3/5

Weight (lbs.)	132.3
---------------	-------

Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

Accessory

Wired Wall Thermostat for High Efficient Single Zone Inverter.
(Applicable to LS091HSV, LS121HSV, LS161HSV,
LS181HSV, LS240HSV models only)



PQRCVSL0

HIGH EFFICIENT SINGLE ZONE • INVERTER

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications									
High Efficient	Type	Model	BTUs	Voltage		Rated Amps	MCA*	MOP**	
				Indoor	Outdoor				
	H/P	C H LS091HSV	8,700	230/208	230/208	6.3/7.4	8.2	15	
	H/P	C H LS121HSV	11,200	230/208	230/208	6.3/7.4	8.2	15	
	H/P	C H LS161HSV	16,300	230/208	230/208	9.2/9.7	12.4	20	
	H/P	C H LS181HSV	18,000	230/208	230/208	10.5/11.0	17.0	25	
	H/P	C H LS240HSV	23,000	230/208	230/208	11.0/12.0	18.0	25	

All equipment single phase.

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

*Minimum Circuit Ampacity
**Maximum Overcurrent Protection

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

Refrigerant Line Specifications***									
High Efficient	Type	Model	BTUs	Pipe Size		Additional Refrigerant	Max. Pipe Length	Max. Elevation	
				Liquid	Suction				
	H/P	C H LS091HSV	9,000	1/4"	3/8"	0.22 oz./ft.	65'	32'	
	H/P	C H LS121HSV	11,200	1/4"	3/8"	0.22 oz./ft.	65'	32'	
	H/P	C H LS161HSV	16,300	1/4"	1/2"	0.22 oz./ft.	65'	49'	
	H/P	C H LS181HSV	18,000	3/8"	5/8"	0.38 oz./ft.	98'	49'	
	H/P	C H LS240HSV	23,000	3/8"	5/8"	0.38 oz./ft.	98'	49'	

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

MINI-SPLIT HIGH EFFICIENT AIR CONDITIONERS SINGLE ZONE

Mini-Split Standard 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 30,000 BTUs. LG's Mini-split standard air conditioners are easy to install, efficient and cost effective.

Available styles



Mini-Split Standard Indoor Unit
White
9,000-18,000 BTUs



Heat Pump Inverter
White
24,000-30,000 BTUs



Indoor Unit



Outdoor Unit



*9,000 - 18,000 BTUs units only



HIGH WALL DUCT-FREE • MINI-SPLIT STANDARD SINGLE ZONE

9,000 BTUs

LS093CE (A/C Model)
 C 8,900 BTUs Cooling

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



FEATURES:

- R-410A Refrigerant
- Plasma air purifying system
- Gold Fin™ Anti-corrosion
- Dehumidifying mode
- Chaos Swing
- Jet Cool
- Cooling mode
- Heating mode (H/P model only)
- Fan mode
- Auto operation
- Manual power switch
- Defrost control (H/P model only)
- Temperature display on indoor unit
- Auto sleep mode
- Auto restart
- 24-Hour on/off timer
- Built-in low ambient standard, down to 0°F (cooling mode)
- 4 Fan speeds
- 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 25' line set (line set not included)
- ETL# : 3091879

System Model #	LS093CE	LS093HE
Indoor Model #	LSN093CE	LSN093HE
Outdoor Model #	LSU093CE	LSU093HE
Performance		
Capacity (BTUs)	C 8,900	C 10,500 H 10,500
SEER	13	13
Air Circulation (CFM H/M/L)	250/210/170	330/280/230
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	2.6	3.0
Indoor dB(A)*	36/31/28	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)	33 1/16 x 10 5/8 x 6 1/32	35 3/16 x 11 5/8 x 6 1/2
Weight (lbs.)	15.4	20.5
Outdoor Dimensions		
W x H x D (inches)	30 5/16 x 21 5/16 x 9 5/8	30 5/16 x 21 5/16 x 9 5/8
Weight (lbs.)	66.1	72.8
Thermostat Range		
Cooling / Heating (°F)	64-86	64-86/60-86

*LG verified sound ratings

HIGH WALL DUCT-FREE • MINI-SPLIT STANDARD SINGLE ZONE

12,000 BTUs

LS122CE (A/C Model)
 C 11,500 BTUs Cooling

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



FEATURES:

- R-410A Refrigerant
- Plasma air purifying system
- Gold Fin™ Anti-corrosion
- Dehumidifying mode
- Chaos Swing
- Jet Cool
- Cooling mode
- Heating mode (H/P model only)
- Fan mode
- Auto operation
- Manual power switch
- Defrost control (H/P model only)
- Temperature display on indoor unit
- Auto sleep mode
- Auto restart
- 24-Hour on/off timer
- Built-in low ambient standard, down to 0°F (cooling mode)
- 4 Fan speeds
- 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 25' line set (line set not included)
- ETL# : 3091879

System Model #	LS122CE	LS122HE
Indoor Model #	LSN122CE	LSN122HE
Outdoor Model #	LSU122CE	LSU122HE
Performance		
Capacity (BTUs)	C 11,500	C 11,500 H 11,500
SEER	13	13
Air Circulation (CFM H/M/L)	330/280/230	330/280/230
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	3.0	3.0
Indoor dB(A)*	41/36/34	41/36/34
Outdoor dB(A)*	48	48
Electrical		
Rated Voltage Outdoor	115-1-60	115-1-60
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions		
W x H x D (inches)	35 3/16 x 11 5/8 x 6 1/2	35 3/16 x 11 5/8 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	64-86/60-86

*LG verified sound ratings

HIGH WALL DUCT-FREE • MINI-SPLIT STANDARD SINGLE ZONE

18,000 BTUs

LS186CE (A/C Model)
 C 17,800 BTUs Cooling

LS186HE (H/P Model)
 C 17,800 BTUs Cooling
 H 17,800 BTUs Heating



FEATURES:

- | | | | |
|--|--|---|---|
| <ul style="list-style-type: none"> Multi Power System™ R-410A Refrigerant Plasma air purifying system Gold Fin™ Anti-corrosion Dehumidifying mode Chaos Swing Jet Cool Cooling mode Heating mode (H/P model only) | <ul style="list-style-type: none"> Fan mode Auto operation Manual power switch Defrost control (H/P model only) Temperature display on indoor unit Auto sleep mode Auto restart 24-Hour on/off timer | <ul style="list-style-type: none"> Ultra-quiet operation Evaporator frost control 4 Fan speeds | <ul style="list-style-type: none"> Installation manual |
|--|--|---|---|
- Interior Unit Includes:**
- Wall unit
 - Installation plate & hardware
 - Remote control, batteries, holder & holder hardware
- Exterior Unit Includes:**
- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)
- ETL# : 3091879

System Model #	LS186CE	LS186HE
Indoor Model #	LSN186CE	LSN186HE
Outdoor Model #	LSU186CE	LSU186HE
Performance		
Capacity (BTUs)	C 17,800	C 17,800 H 17,800
SEER	13	13
Air Circulation (CFM H/M/L)	560/490/430	560/490/430
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	5.8	5.8
Indoor dB(A)*	43/40/37	43/40/37
Outdoor dB(A)*	56	56
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions		
W x H x D (inches)	42 15/16 x 11 13/16 x 7 1/32	42 15/16 x 11 13/16 x 7 1/32
Weight (lbs.)	28.6	28.6
Outdoor Dimensions		
W x H x D (inches)	34 5/16 x 25 13/16 x 12 5/8	34 5/16 x 25 13/16 x 12 5/8
Weight (lbs.)	125	125
Thermostat Range		
Cooling / Heating (°F)	64-86	64-86/60-86

*LG verified sound ratings

HIGH WALL DUCT-FREE • MINI-SPLIT STANDARD SINGLE ZONE • INVERTER

24,000 BTUs

LS246HV (H/P Model)
 C 24,400 BTUs Cooling
 H 26,000 BTUs Heating



- | | | | | |
|--|---|--|--|---|
| <ul style="list-style-type: none"> Inverter(Variable speed compressor) R-410A Refrigerant Gold Fin™ Anti-Corrosion Chaos Swing Self-cleaning indoor coil Auto changeover Jet Cool Cooling/Heating/Fan Mode Auto sleep mode Ultra-quiet operation | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> 4 Fan speeds | <p>Interior Unit Includes:</p> <ul style="list-style-type: none"> Wall unit Installation plate & hardware Remote control, batteries, holder & holder hardware Installation manual | <p>Exterior Unit Includes:</p> <ul style="list-style-type: none"> Exterior unit Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included) <p>ETL# : 3091879</p> |
|--|---|--|--|---|

System Model #	LS246HV
Indoor Model #	LSN246HV
Outdoor Model #	LSU246HV
Performance	
Capacity (BTUs)	C 24,400 H 26,000
SEER	14.7
Air Circulation (CFM H/M/L)	530/450/370
Fan Speeds	4/Auto/Chaos
Dehumidification (pts/hr)	6.6
Indoor dB(A)*	47/42/39
Outdoor dB(A)*	56
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
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 31 1/2 x 12 5/8
Weight (lbs.)	132.3
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

HIGH WALL DUCT-FREE • MINI-SPLIT STANDARD SINGLE ZONE • INVERTER

30,000 BTUs

- LS306HV (H/P Model)
- C** 26,400 BTUs Cooling
- H** 29,000 BTUs Heating



FEATURES:

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> • Inverter (Variable speed compressor) • R-410A Refrigerant • Plasma air purifying system • Gold Fin™ Anti-Corrosion • Chaos Swing • Self-cleaning indoor coil • Auto changeover • Jet Cool • Cooling/Heating/Fan Mode • Auto sleep mode | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Energy Saving • 4 Fan speeds |
|---|---|---|

Exterior Unit Includes:

- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)
- ETL# : 3091879

Interior Unit Includes:

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

System Model #	LS306HV
Indoor Model #	LSN306HV
Outdoor Model #	LSU306HV

Performance

Capacity (BTUs)	C 26,400 H 29,000
SEER	15
Air Circulation (CFM H/M/L)	710/640/530
Fan Speeds	4/Auto/Chaos
Dehumidification (pts/hr)	7.2
Indoor dB(A)*	47/42/39
Outdoor dB(A)*	58

Electrical

Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1

Indoor Dimensions	47 3/5 x
W x H x D (inches)	13 3/5 x 8 1/4

Weight (lbs.)	37.5
---------------	------

Outdoor Dimensions	34 1/4 x
W x H x D (inches)	31 1/4 x 12 3/5

Weight (lbs.)	147.7
---------------	-------

Thermostat Range

Cooling / Heating (°F)	64-86 /60-86
------------------------	--------------

*LG verified sound ratings

MINI-SPLIT STANDARD SINGLE ZONE

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications									
	Type	System	BTUs	Voltage		Rated Amps	MCA*	MOP**	
				Indoor	Outdoor				
Mini-Split	A/C	C	LS093CE	8,900	36V DC	115	7.0	15	15
Standard	A/C	C	LS122CE	11,500	36V DC	115	10.5	15	20
Single-Zone	A/C	C	LS186CE	17,800	36V DC	230/208	9.3/10.3	15	20
	H/P	C H	LS093HE	9,800	36V DC	115	10.5	15	20
	H/P	C H	LS122HE	11,500	36V DC	115	10.5	15	20
	H/P	C H	LS186HE	17,800	36V DC	230/208	9.3/10.3	20	30
	H/P	C H	LS246HV	24,000	230/208	230/208	12.1/11.0	16.7	25
	H/P	C H	LS306HV	26,400	230/208	230/208	13.6/14.0	17	30

All equipment single phase.

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

*Minimum Circuit Ampacity **Maximum Overcurrent Protection
***For LS182HE, LS242CE/HE

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

Refrigerant Line & Formula Specifications [†]									
	Type	System	BTUs	Pipe Size		Additional Refrigerant	Max. length each pipe	Max. elevation	
				Liquid	Suction				
Mini-Split	A/C	C	LS093CE	8,900	1/4"	3/8"	0.22 oz./ft.	49'	25'
Standard	A/C	C	LS122CE	11,500	1/4"	1/2"	0.22 oz./ft.	49'	25'
Single-Zone	A/C	C	LS186CE	17,800	1/4"	1/2"	0.22 oz./ft.	98'	49'
	H/P	C H	LS093HE	9,800	1/4"	1/2"	0.22 oz./ft.	49'	25'
	H/P	C H	LS122HE	11,500	1/4"	1/2"	0.22 oz./ft.	49'	25'
	H/P	C H	LS186HE	17,800	1/4"	1/2"	0.22 oz./ft.	98'	49'
	H/P	C H	LS246HV	24,000	3/8"	5/8"	0.33 oz./ft.	98'	49'
	H/P	C H	LS306HV	26,400	3/8"	5/8"	0.33 oz./ft.	98'	49'

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

Except for LS246HV, LS306HV model, Systems having the outdoor unit mounted above the indoor unit (e.g. basement installations) have the following additional requirement: For systems with elevation of 25 ft. (see chart above and figure A), refrigerant lines must be oil trapped between 8 ft. and 16.4 ft. of elevation. For systems with elevation of greater than 25 ft. (see chart above), refrigerant lines must be oil trapped at least every 16.4 ft. of elevation.

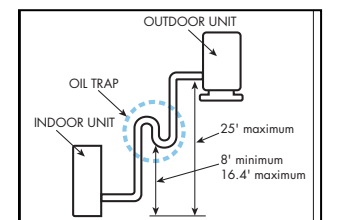


Figure A.
Example: 25 ft. maximum elevation.

DUCT-FREE AIR CONDITIONERS

LG INTERNET SALES POLICY

Duct-Free Air Conditioning Products

LG's expressed Duct-Free Air Conditioning warranty policy 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 expressed warranty may 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...**

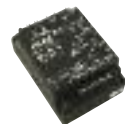
- Mounting screws and anchors (wall mount and ceiling cassette)
- Optional condensate pump (interior wall installation only)
- Condensate drain tubing
- Hose clamps
- Refrigerant line
- Correct electrical wire to connect indoor and outdoor units based on the LG model chosen (see electrical specifications)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

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
- R-410A Service Port Adapter

REMEMBER THESE

OTHER INSTALLATION ITEMS TO CONSIDER



Low Ambient Wiring Kit
#ICM 326H



Low Voltage Condensate Pump
24V Condensate Pumps available from Aspen Pumps by calling 732-248-8066*



Recommended source for 18/4 Stranded Shielded Wire required for LG's Duct-Free units (to order call 800-322-3660)



Wireless Energy Management Digital Wall Thermostat for Duct-Free Systems
Part #DFSWLWTOA
See page 51 for more details. Applicable to 36V DC indoor models(Single Zone) only



Wired Wall Thermostat for Duct-Free Systems
Part # PQRCVSL0
Applicable to LS091HSV, LS121HSV, LS161HSV, LS181HSV, LS240HSV models only

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

Flex Multi-Split Systems

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

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



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



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



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

Available styles and finishes



Flex Multi-Split Art Cool Indoor Unit
Mirror Finish



Standard Mirror
PSAPECR10 (9, 12K)
PSAP8CR10 (18, 24K)



Organic Cream White
PSAPECW10 (9, 12K)
PSAP8CW10 (18, 24K)



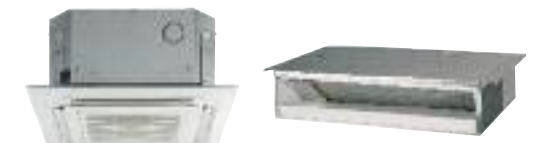
Art Flower Gold
PSAPECF10 (9, 12K)
PSAP8CF10 (18, 24K)



Snow Flower White
PSAPECT10 (9, 12K)
PSAP8CT10 (18, 24K)



Flex Multi-Split Standard Indoor Unit



Flex Multi-Split Ceiling Cassette
& Ceiling Concealed Duct

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

*LG is not responsible for improper installation.

WHY LG?

Energy Saving
with LG inverter Technology

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

Design Flexibility

Outdoor units connect to several indoor unit styles

Outdoor Units H/P Inverter



DUAL-ZONE
LMU186HV

TRI-ZONE
LMU246HV

QUAD-ZONE
LMU366HV



OUTDOOR UNITS H/P INVERTER

18,000-36,000 BTUs

- C H** LMU186HV
Dual-Zone
- C H** LMU246HV
Tri-Zone
- C H** LMU366HV
Quad-Zone



FEATURES:

- Defrost /Deicing
 - Restart delay (3-minutes)
 - Self diagnosis
 - Soft start
 - Auto operation (Artificial intelligence)
 - Auto restart operation
 - Low ambient operation
 - Gold Fin™ Anti-Corrosion
- Exterior Unit Includes:
- Exterior unit
 - Sufficient refrigerant for charging 2, 3 or 4 indoor coils (Please see chart below for actual length amount included)
 - Installation manual ETL# : 3091879

Outdoor Model H/P Inverter #			LMU186HV	LMU246HV	LMU366HV
Capacity *	—	BTU/h	18,000 Class	24,000 Class	36,000 Class
Power Input (Min.~Rated~Max.)	Cooling	kW	0.52~1.25~2.05	0.72~1.56~3.27	0.72~3.75~3.92
	Heating	kW	0.77~1.63~2.18	0.72~3.22~3.5	0.72~3.70~4.10
Running Current	Cooling	A	2.3~5.8~9.5	3.0~7.2~15.2	3.0~17.4~18.2
	Heating	A	3.4~7.6~10.1	4.5~14.9~16.2	4.5~17.2~18.8
Power Supply	—	Ø / V / Hz	1/208~230/60	1/208~230/60	1/208~230/60
Power Supply Cable (Outdoor)	—	No. x AWG	3 x 14	3 x 12	3 x 12
Transmission Cable (Outdoor to Indoor unit)	—	No. x AWG	4 x 18	4 x 18	4 x 18
Dimensions (W x H x D)	—	inch	34.3x25.8x12.6	34.3x31.8x12.6	34.3x31.8x12.6
Net Weight	—	lbs	115	143.3	143.3
Max. # of Connectable Indoor Units	—	—	2	3	4
	Refrigerant	Charge (at 24.6 ft.)	oz	59.97	89.95
	Type	—	R410A	R410A	R410A
	Control	—	EEV	EEV	EEV
Sound Level (H/L)	Sound Pressure	dB(A)+3	51/45	52	52
	Piping Connections	Liquid	inch	1/4 x 2EA	1/4 x 3EA
	Gas	inch	3/8 x 2EA	3/8 x 3EA	3/8 x 4EA
Piping length spec.	Max. total piping	ft.	164.0	246.1	246.1
	Max. OD-ID piping	ft.	82.0	82.0	82.0
	Piping length(no add'l refrigerant)	ft.	73.8	123.0	123.0
Max. Elevation Difference	Outdoor Unit~Indoor Unit	ft.	49.2	49.2	49.2
	Indoor Unit~Indoor Unit	ft.	24.6	24.6	24.6
Operation Range (Outdoor)	Cooling	°F	14 ~114.8	14 ~114.8	14 ~114.8
	Heating	°F	5~ 75.2	5~ 75.2	5~ 75.2

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

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

STANDARD • FLEX MULTI-SPLIT

9,000-18,000 BTUs

- LMN095HVT (H/P Model)
- LMN125HVT (H/P Model)
- LMN185HVT (H/P Model)



FEATURES:

- Inverter(Variable speed compressor)
 - Auto restart operation
 - Chaos Swing
 - 24-Hour on/off timer
 - Jet Cool
 - Plasma air purifying system
 - Self-cleaning indoor coil
 - Auto operation (Artificial Intelligence)
- 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

Indoor Model H/P Inverter #	LMN095HVT	LMN125HVT	LMN185HVT
Performance			
Capacity* (BTU/h)	9,000 Class	12,000 Class	18,000 Class
Fan Air Flow Rate (CMM)	8.0/7.0/5.0	10.0/8.0/6.0	12.0/10.5/9.0
(CFM)	282/247/177	353/282/212	424/371/318
Dehumidification Rate (l/h)	1.2	1.5	2.3
Sound Level H/M/L (dB(A)+3)	31/26/22	35/28/24	37/34/31
Electrical			
Running Current (A)	0.15	0.15	0.15
Power Supply (Ø/V/Hz)	1/208~230/60	1/208~230/60	1/208~230/60
Piping Connections			
Liquid (inches)	1/4	1/4	1/4
Gas (inches)	3/8	3/8	1/2
Drain OD,ID (inches)	4/5, 5/8	4/5, 5/8	4/5, 5/8
Temperature Sensor	Thermistor	Thermistor	Thermistor
Refrigerant	R410A	R410A	R410A
Power/Transmission Interunit Cable (No. x AWG)	4 x 18	4 x 18	4 x 18
Dimensions (WxHxD)			
Body (inches)	35 1/4x11 3/32x6 1/2	35 1/4x11 3/32x6 1/2	42 29/32x12x7 3/32
Decorative Panel (inches)	-	-	-
Net Weight Body (lbs)	20.9	20.9	28.7
Net Weight Decorative Panel (lbs)	-	-	-

Note :
 1. Capacities are based on the following conditions:
 Cooling: - Indoor Temperature 80°F (26.7°C) DB/67°F (19.4°C) WB
 - Outdoor Temperature 95°F (35°C) DB/75°F (23.9°C) WB
 Heating: - Indoor Temperature 70°F (21.1°C) DB/60°F (15.6°C) WB
 - Outdoor Temperature 47°F (8.3°C) DB/43°F (6.1°C) WB
 Piping Length: - Interconnecting Piping Length 24.6 ft.(7.5m)
 - Level Difference of Zero
 2. Wiring cable size must comply with the applicable local and national code.
 3. The specification may be subject to change without prior notice for purpose of improvement.
 4. For more capacity(*) information, refer to the combination tables.

ART COOL • FLEX MULTI-SPLIT

9,000-18,000 BTUs

- LMAN095HVT (H/P Model)
- LMAN125HVT (H/P Model)
- LMAN185HVT (H/P Model)



FEATURES:

- Changeable front color panel option
 - Self-cleaning indoor coil
 - Auto operation (Artificial Intelligence)
 - Auto restart operation
 - 24-Hour on/off timer
 - Chaos Swing
 - Jet Cool
 - Plasma air purifying system
- Interior Unit Includes:
- Wall unit
 - Installation plate & hardware
 - Wireless LCD remote control, batteries, holder & holder hardware
 - Owner's manual
 - Standard mirror panel
 - Wired thermostat available, Sold separately
- ETL# : 3091879

Indoor Model H/P Inverter #	LMAN095HVT	LMAN125HVT	LMAN185HVT
Performance			
Capacity* (BTU/h)	9,000 Class	12,000 Class	18,000 Class
Fan Air Flow Rate (CMM)	8.0/7.0/5.0	10.0/8.0/6.0	12.6/11.5/10
(CFM)	282/247/177	353/282/212	445/406/353
Dehumidification Rate (l/h)	1.2	1.5	2
Sound Level H/M/L (dB(A)+3)	31/26/22	35/28/24	39/37/35
Electrical			
Running Current (A)	0.15	0.15	0.15
Power Supply (Ø/V/Hz)	1/208~230/60	1/208~230/60	1/208~230/60
Piping Connections			
Liquid (inches)	1/4	1/4	1/4
Gas (inches)	3/8	3/8	1/2
Drain OD,ID (inches)	4/5, 5/8	4/5, 5/8	4/5, 5/8
Temperature Sensor	Thermistor	Thermistor	Thermistor
Refrigerant	R410A	R410A	R410A
Power/Transmission Interunit Cable (No. x AWG)	4 x 18	4 x 18	4 x 18
Dimensions (WxHxD)			
Body (inches)	36x11 3/32x6 1/2	36x11 3/32x6 1/2	43 9/16x12x7 7/8
Decorative Panel (inches)	-	-	-
Net Weight Body (lbs)	20.9	20.9	31.09
Net Weight Decorative Panel (lbs)	-	-	-

Note :
 1. Capacities are based on the following conditions:
 Cooling: - Indoor Temperature 80°F (26.7°C) DB/67°F (19.4°C) WB
 - Outdoor Temperature 95°F (35°C) DB/75°F (23.9°C) WB
 Heating: - Indoor Temperature 70°F (21.1°C) DB/60°F (15.6°C) WB
 - Outdoor Temperature 47°F (8.3°C) DB/43°F (6.1°C) WB
 Piping Length: - Interconnecting Piping Length 24.6 ft.(7.5m)
 - Level Difference of Zero
 2. Wiring cable size must comply with the applicable local and national code.
 3. The specification may be subject to change without prior notice for purpose of improvement.
 4. For more capacity(*) information, refer to the combination tables.



CEILING CONCEALED DUCT • FLEX MULTI-SPLIT

9,000-18,000 BTUs

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



FEATURES:

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

Interior Unit Includes:

- Ceiling unit
 - Wired remote control
 - Owner's manual
- ETL# : 3091879

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	15/13.5/11.5
(CFM)	300/265/230	335/300/265	530/477/406
Dehumidification Rate (l/h)	1	1.2	2
Sound Level H/M/L (dB(A)+3)	32/26/25	33/31/26	34/31/29
Electrical			
Running Current (A)	0.25	0.25	0.25
Power Supply (Ø/V/Hz)	1/208~230/60	1/208~230/60	1/208~230/60
Piping Connections			
Liquid (inches)	1/4	1/4	1/4
Gas (inches)	3/8	3/8	1/2
Drain OD,ID (inches)	1 1/4, 1	1 1/4, 1	1 1/4, 1
Temperature Sensor	Thermistor	Thermistor	Thermistor
Refrigerant	R410A	R410A	R410A
Power/Transmission Interunit Cable (No. x AWG)	4 x 18	4 x 18	4 x 18
Dimensions (WxHxD)			
Body (inches)	32 9/32x7 1/2x 22 21/32	32 9/32x7 1/2x 22 21/32	43 5/16x7 15/32x 22 21/32
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 the applicable local and national code.
 - The specification may be subject to change without prior notice for purpose of improvement.
 - For more capacity(*) information, refer to the combination tables.

CEILING CASSETTE • FLEX MULTI-SPLIT

12,000-18,000 BTUs

- LMCN125HV (H/P Model)
- LMCN185HV (H/P Model)
- * Cassette Grill sold separately
Model# : PT-UQC



FEATURES:

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

Interior Unit Includes:

- Ceiling unit
 - Wireless LCD remote control, batteries, holder & holder hardware
 - Owner's manual
 - Accessory
 - Model name : PT-UQC (Ceiling grill sold separately)
 - Model name : PTPKQ0 (Plasma kit sold separately)
- ETL# : 3091879

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)	9.5/8/7	13/12/11
(CFM)	335/282/247	429/424/388
Dehumidification Rate (l/h)	2	2
Sound Level H/M/L (dB(A)+3)	38/35/32	38/37/34
Electrical		
Running Current (A)	0.25	0.25
Power Supply (Ø/V/Hz)	1/208~230/60	1/208~230/60
Piping Connections		
Liquid (inches)	1/4	1/4
Gas (inches)	3/8	1/2
Drain OD,ID (inches)	1 1/4, 1	1 1/4, 1
Temperature Sensor	Thermistor	Thermistor
Refrigerant	R410A	R410A
Power/Transmission Interunit Cable (No. x AWG)	4 x 18	4 x 18
Dimensions (WxHxD)		
Body (inches)	22 7/16x8 7/16x22 7/16	22 7/16x10x22 7/16
Decorative Panel (inches)	27 6/19x1 3/16x27 6/19	27 6/19x1 3/16x27 6/19
Net Weight Body (lbs)	30.9	33.1
Net Weight Decorative Panel (lbs)	6.6	6.6

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

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

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications								
Zone	Type	Model	Voltage		Running Current	MCA*	MOP**	
			Indoor	Outdoor				
Flex	H/P	Ⓜ LMN095HVT	208/230	—	0.15	—	—	
Multi-Split	H/P	Ⓜ LMAN095HVT	208/230	—	0.15	—	—	
Indoor Units	H/P	Ⓜ LMDN095HV	208/230	—	0.25	—	—	
	H/P	Ⓜ LMN125HVT	208/230	—	0.15	—	—	
	H/P	Ⓜ LMAN125HVT	208/230	—	0.15	—	—	
	H/P	Ⓜ LMDN125HV	208/230	—	0.25	—	—	
	H/P	Ⓜ LMCN125HV	208/230	—	0.25	—	—	
	H/P	Ⓜ LMN185HVT	208/230	—	0.15	—	—	
	H/P	Ⓜ LMAN185HVT	208/230	—	0.15	—	—	
	H/P	Ⓜ LMDN185HV	208/230	—	0.25	—	—	
	H/P	Ⓜ LMCN185HV	208/230	—	0.25	—	—	
Outdoor Units	H/P	Ⓜ LMU186HV	—	208/230	—	12.6	21.8	
	H/P	Ⓜ LMU246HV	—	208/230	—	16.4	28.7	
	H/P	Ⓜ LMU366HV	—	208/230	—	19.0	33.3	

All equipment are single phase.

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

*Minimum Circuit Ampacity **Maximum Overcurrent Protection ***For LMU245HV, LMU365HV

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

Refrigerant Line & Formula Specifications								
Type	Model	Pipe size		Additional Refrigerant	Max. Length Each Pipe	Max. Elevation		
		Liquid	Suction					
Flex	H/P	Ⓜ LMN095HVT	1/4"	3/8"	0.22 oz./ft.	82'	49'	
Multi-Split	H/P	Ⓜ LMAN095HVT	1/4"	3/8"	0.22 oz./ft.	82'	49'	
	H/P	Ⓜ LMDN095HV	1/4"	3/8"	0.22 oz./ft.	82'	49'	
	H/P	Ⓜ LMN125HVT	1/4"	3/8"	0.22 oz./ft.	82'	49'	
	H/P	Ⓜ LMAN125HVT	1/4"	3/8"	0.22 oz./ft.	82'	49'	
	H/P	Ⓜ LMDN125HV	1/4"	3/8"	0.22 oz./ft.	82'	49'	
	H/P	Ⓜ LMCN125HV	1/4"	3/8"	0.22 oz./ft.	82'	49'	
	H/P	Ⓜ LMN185HVT	1/4"	1/2"	0.22 oz./ft.	82'	49'	
	H/P	Ⓜ LMAN185HVT	1/4"	1/2"	0.22 oz./ft.	82'	49'	
	H/P	Ⓜ LMDN185HV	1/4"	1/2"	0.22 oz./ft.	82'	49'	
	H/P	Ⓜ LMCN185HV	1/4"	1/2"	0.22 oz./ft.	82'	49'	

MULTI-SPLIT SYSTEM

System	Combined With	Normal Cooling Capacity	EER	SEER	Normal Heating Capacity	COP	Low Heating Capacity	COP	HSPF	Eligible for Tax Benefits
		Btu/h	95°F		Btu/h	47°F	Btu/h	17°F		
LMU186HV	Non-Ducted Indoor Unit	15,600	12.50	16.0	17,000	3.10	12,500	2.4	8.50	Eligible for Tax Benefits
	Ducted Indoor Unit	17,000	11.70	15.0	18,000	3.20	13,100	2.5	8.20	
	Mixed Ducted & Non-Ducted	16,300	21.10	15.5	17,500	3.20	12,800	2.5	8.35	
LMU246HV	Non-Ducted Indoor Unit	19,500	12.50	15.0	27,000	3.10	20,100	2.5	10.30	Eligible for Tax Benefits
	Ducted Indoor Unit	20,500	11.30	15.5	27,500	3.20	21,100	2.6	9.80	
	Mixed Ducted & Non-Ducted	20,000	11.90	17.1	27,250	3.20	20,600	2.6	10.05	
LMU366HV	Non-Ducted Indoor Unit	32,300	8.60	18.0	35,400	2.80	26,100	2.3	9.10	
	Ducted Indoor Unit	33,000	8.70	17.0	37,000	3.10	27,400	2.4	9.00	
	Mixed Ducted & Non-Ducted	32,650	8.65	17.5	36,200	2.90	26,700	2.4	9.05	

Accessory

Wired Wall Thermostat for Flex-Multi Split System



PQRCSA0



PQRUCS0C

PI485 V-net control integration accessory

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

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

Model # : PMNFP14A0



FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

LMU186HV

**Non Ducted Type Indoor Unit
Cooling**

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			EER	SEER
	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)	Min		Middle		Max		Min	Middle	Max	Min	Middle	Max		
										BTU/h	kW	BTU/h	kW	BTU/h	kW								
2 INDOOR UNITS	9	9	-	-	18	7,800	7,800	-	-	9,360	2.8	15,600	4.6	19,000	5.6	750	1,250	1,720	3.5	5.8	8.0	12.5	16.0
	9	12	-	-	21	6,686	8,914	-	-	9,360	2.8	15,600	4.6	19,000	5.6	750	1,250	1,850	3.5	5.8	8.6	12.5	15.0
	12	12	-	-	24	8,000	8,000	-	-	9,600	2.8	16,000	4.7	19,800	5.8	760	1,300	2,050	3.6	6.0	9.5	12.3	15.0

Heating

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			COP	HSPF
	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)	Min		Middle		Max		Min	Middle	Max	Min	Middle	Max		
										BTU/h	kW	BTU/h	kW	BTU/h	kW								
2 INDOOR UNITS	9	9	-	-	18	8,500	8,500	-	-	10,200	3.0	17,000	5.0	21,000	6.2	980	1,630	2,000	4.5	7.6	9.3	3.1	8.5
	9	12	-	-	21	7,286	9,714	-	-	10,200	3.0	17,000	5.0	21,300	6.3	1,020	1,630	2,060	4.7	7.6	9.6	3.1	8.5
	12	12	-	-	24	9,000	9,000	-	-	10,800	3.2	18,000	5.3	21,300	6.3	1,100	1,700	2,180	5.1	7.9	10.1	3.1	8.5

**Ducted Type Indoor Unit
Cooling**

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			EER	SEER
	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)	Min		Middle		Max		Min	Middle	Max	Min	Middle	Max		
										BTU/h	kW	BTU/h	kW	BTU/h	kW								
2 INDOOR UNITS	9	9	-	-	18	8,500	8,500	-	-	10,200	3.0	17,000	5.0	19,000	5.6	870	1,450	1,940	4.0	6.7	9.0	11.7	15.0
	9	12	-	-	21	7,286	9,714	-	-	10,200	3.0	17,000	5.0	19,000	5.6	870	1,450	1,940	4.0	6.7	9.0	11.7	14.6
	12	12	-	-	24	8,500	8,500	-	-	10,200	3.0	17,000	5.0	19,800	5.8	900	1,500	2,150	4.2	7.0	10.0	11.3	14.6

Heating

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			COP	HSPF
	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)	Min		Middle		Max		Min	Middle	Max	Min	Middle	Max		
										BTU/h	kW	BTU/h	kW	BTU/h	kW								
2 INDOOR UNITS	9	9	-	-	18	9,000	9,000	-	-	10,800	3.2	18,000	5.3	21,000	6.2	930	1,550	1,900	4.3	7.2	8.8	3.4	8.2
	9	12	-	-	21	7,714	10,286	-	-	10,800	3.2	18,000	5.3	23,000	6.8	930	1,550	1,900	4.3	7.2	8.8	3.4	8.2
	12	12	-	-	24	9,500	9,500	-	-	11,400	3.4	19,000	5.6	23,000	6.8	1,050	1,750	2,070	4.9	8.1	9.6	3.2	8.2

FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

LMU246HV

**Non Ducted Type Indoor Unit
Cooling**

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			EER	SEER
	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)	Min		Middle		Max		Min	Middle	Max	Min	Middle	Max		
2 INDOOR UNITS	9	9	-	-	18	9,000	9,000	-	-	10,800	3.2	18,000	5.3	19,800	5.8	900	1,500	2,434	4.2	7.0	11.3	11.4	15.0
	9	12	-	-	21	7,929	10,571	-	-	11,100	3.3	18,500	5.4	20,350	6.0	920	1,500	2,632	4.3	7.0	12.2	11.4	15.0
	12	12	-	-	24	9,500	9,500	-	-	11,400	3.4	19,000	5.6	25,000	7.4	936	1,560	2,830	4.3	7.2	13.1	11.4	15.0
	9	18	-	-	27	6,333	12,667	-	-	11,400	3.4	19,000	5.6	30,000	8.8	936	1,560	3,270	4.3	7.2	15.2	11.6	15.0
	12	18	-	-	30	7,600	11,400	-	-	11,400	3.4	19,000	5.6	30,000	8.8	936	1,560	3,270	4.3	7.2	15.2	11.6	15.0
3 INDOOR UNITS	9	9	9	-	27	6,500	6,500	6,500	-	11,700	3.4	19,500	5.7	31,000	9.1	936	1,560	3,270	4.3	7.2	15.2	12.5	16.0
	9	9	12	-	30	5,850	5,850	7,800	-	11,700	3.4	19,500	5.7	31,000	9.1	936	1,560	3,270	4.3	7.2	15.2	12.5	16.0
	9	12	12	-	33	5,318	7,091	7,091	-	11,700	3.4	19,500	5.7	31,000	9.1	936	1,560	3,270	4.3	7.2	15.2	12.5	16.0

Heating

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			COP	HSPF
	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)	Min		Middle		Max		Min	Middle	Max	Min	Middle	Max		
2 INDOOR UNITS	9	9	-	-	18	10,350	10,350	-	-	12,420	3.7	20,700	6.1	22,770	6.7	1,554	2,590	3,090	7.2	12.0	14.3	2.3	8.5
	9	12	-	-	21	9,118	12,157	-	-	12,765	3.8	21,275	6.3	26,560	7.8	1,608	2,680	3,100	7.5	12.4	14.4	2.3	8.5
	12	12	-	-	24	13,500	13,500	-	-	16,200	4.8	27,000	7.9	32,000	9.4	1,716	2,860	3,300	8.0	13.3	15.3	2.8	8.5
	9	18	-	-	27	9,000	18,000	-	-	16,200	4.8	27,000	7.9	33,000	9.7	1,716	2,860	3,300	8.0	13.3	15.3	2.8	8.7
	12	18	-	-	30	10,800	16,200	-	-	16,200	4.8	27,000	7.9	33,000	9.7	1,932	3,220	3,500	9.0	14.9	16.2	2.5	8.7
3 INDOOR UNITS	9	9	9	-	27	9,000	9,000	9,000	-	16,200	4.8	27,000	7.9	33,000	9.7	1,932	3,220	3,500	9.0	14.9	16.2	2.5	10.3
	9	9	12	-	30	8,100	8,100	10,800	-	16,200	4.8	27,000	7.9	33,000	9.7	1,932	3,220	3,500	9.0	14.9	16.2	2.5	10.3
	9	12	12	-	33	7,364	9,818	9,818	-	16,200	4.8	27,000	7.9	33,000	9.7	1,932	3,220	3,500	9.0	14.9	16.2	2.5	10.3

**Ducted Type Indoor Unit
Cooling**

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			EER	SEER
	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)	Min		Middle		Max		Min	Middle	Max	Min	Middle	Max		
2 INDOOR UNITS	9	9	-	-	18	9,000	9,000	-	-	10,800	3.2	18,000	5.3	19,800	5.8	950	1,580	2,560	4.4	7.3	11.9	10.8	14.0
	9	12	-	-	21	8,571	11,429	-	-	12,000	3.5	20,000	5.9	22,000	6.5	990	1,700	2,760	4.6	7.9	12.8	10.8	14.0
	12	12	-	-	24	10,250	10,250	-	-	12,300	3.6	20,500	6.0	28,800	8.5	1,030	1,770	2,970	4.8	8.2	13.8	10.8	14.0
	9	18	-	-	27	6,833	13,667	-	-	12,300	3.6	20,500	6.0	31,000	9.1	1,030	1,770	3,430	4.8	8.2	15.9	11.0	14.0
	12	18	-	-	30	8,200	12,300	-	-	12,300	3.6	20,500	6.0	31,000	9.1	1,030	1,770	3,430	4.8	8.2	15.9	11.0	14.0
3 INDOOR UNITS	9	9	9	-	27	6,833	6,833	6,833	-	12,300	3.6	20,500	6.0	31,000	9.1	1,060	1,820	3,430	4.9	8.4	15.9	11.3	15.0
	9	9	12	-	30	6,150	6,150	8,200	-	12,300	3.6	20,500	6.0	31,000	9.1	1,060	1,820	3,430	4.9	8.4	15.9	11.3	15.0
	9	12	12	-	33	5,591	7,455	7,455	-	12,300	3.6	20,500	6.0	31,000	9.1	1,060	1,820	3,430	4.9	8.4	15.9	11.3	15.0



FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

Ducted Type Indoor Unit *continued*
Heating

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			COP	HSPF
	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)	Min		Middle		Max		Min	Rated	Max	Min	Rated	Max		
										BTU/h	kW	BTU/h	kW	BTU/h	kW								
2 INDOOR UNITS	9	9	-	-	18	10,350	10,350	-	-	12,420	3.7	20,700	6.1	22,770	6.7	1,400	2,460	2,940	6.5	11.4	13.6	2.5	8.1
	9	12	-	-	21	9,857	13,143	-	-	13,800	4.1	23,000	6.8	26,560	7.8	1,480	2,550	2,950	6.9	11.8	13.7	2.6	8.1
	12	12	-	-	24	13,750	13,750	-	-	16,500	4.9	27,500	8.1	32,000	9.4	1,530	2,720	3,140	7.1	12.6	14.6	3.0	8.1
	9	18	-	-	27	9,167	18,333	-	-	16,500	4.9	27,500	8.1	33,000	9.7	1,630	2,720	3,140	7.6	12.6	14.6	3.0	8.3
	12	18	-	-	30	11,000	16,500	-	-	16,500	4.9	27,500	8.1	33,000	9.7	1,840	3,060	3,330	8.5	14.2	15.4	2.6	8.3
3 INDOOR UNITS	9	9	9	-	27	9,167	9,167	9,167	-	16,500	4.9	27,500	8.1	33,000	9.7	1,840	3,060	3,330	8.5	14.2	15.4	2.6	9.8
	9	9	12	-	30	8,250	8,250	11,000	-	16,500	4.9	27,500	8.1	33,000	9.7	1,840	3,060	3,330	8.5	14.2	15.4	2.6	9.8
	9	12	12	-	33	7,500	10,000	10,000	-	16,500	4.9	27,500	8.1	33,000	9.7	1,840	3,060	3,330	8.5	14.2	15.4	2.6	9.8

LMU366HV

Non Ducted Type Indoor Unit
Cooling

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			EER	SEER
	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)	Min		Middle		Max		Min	Rated	Max	Min	Rated	Max		
										BTU/h	kW	BTU/h	kW	BTU/h	kW								
2 INDOOR UNITS	9	9	-	-	18	9,000	9,000	-	-	10,800	3.2	18,000	5.3	19,800	5.8	930	1,550	2,434	4.3	7.2	11.3	10.6	15.1
	9	12	-	-	21	9,000	12,000	-	-	12,600	3.7	21,000	6.2	23,100	6.8	1,020	1,700	2,632	4.7	7.9	12.2	11.4	15.3
	12	12	-	-	24	12,000	12,000	-	-	14,400	4.2	24,000	7.1	26,400	7.8	1,116	1,860	2,830	5.2	8.6	13.1	11.9	15.7
	9	18	-	-	27	9,000	18,000	-	-	16,200	4.8	27,000	7.9	29,700	8.7	1,320	2,200	3,270	6.1	10.2	15.2	11.3	16.4
	12	18	-	-	30	11,600	17,400	-	-	17,400	5.1	29,000	8.5	32,000	9.4	1,758	2,930	3,710	8.2	13.6	17.2	8.9	16.4
	18	18	-	-	36	16,500	16,500	-	-	19,800	5.8	33,000	9.7	35,000	10.3	2,160	3,600	3,920	10.0	16.7	18.2	8.2	16.4
3 INDOOR UNITS	9	9	9	-	27	9,000	9,000	9,000	-	16,200	4.8	27,000	7.9	29,700	8.7	1,320	2,200	3,270	6.1	10.2	15.2	11.8	16.8
	9	9	12	-	30	9,000	9,000	12,000	-	18,000	5.3	30,000	8.8	33,000	9.7	1,758	2,930	3,710	8.2	13.6	17.2	9.7	16.8
	9	12	12	-	33	8,618	11,491	11,491	-	18,960	5.6	31,600	9.3	34,500	10.1	1,992	3,320	3,815	9.2	15.4	17.7	9.0	16.8
	12	12	12	-	36	10,767	10,767	10,767	-	19,380	5.7	32,300	9.5	36,000	10.6	2,160	3,600	3,920	10.0	16.7	18.2	8.5	16.8
	9	9	18	-	36	8,075	8,075	16,150	-	19,380	5.7	32,300	9.5	36,000	10.6	2,160	3,600	3,920	10.0	16.7	18.2	8.5	17.0
	9	12	18	-	39	7,454	9,938	14,908	-	19,380	5.7	32,300	9.5	36,000	10.6	2,160	3,600	3,920	10.0	16.7	18.2	8.5	17.0
	12	12	18	-	42	9,229	9,229	13,843	-	19,380	5.7	32,300	9.5	36,000	10.6	2,160	3,600	3,920	10.0	16.7	18.2	8.5	17.0
	9	18	18	-	45	6,460	12,920	12,920	-	19,380	5.7	32,300	9.5	36,000	10.6	2,160	3,600	3,920	10.0	16.7	18.2	8.5	17.0
	12	18	18	-	48	8,075	12,113	12,113	-	19,380	5.7	32,300	9.5	36,000	10.6	2,160	3,600	3,920	10.0	16.7	18.2	8.5	17.0
	4 INDOOR UNITS	9	9	9	9	36	8,075	8,075	8,075	8,075	19,380	5.7	32,300	9.5	36,000	10.6	2,250	3,750	3,920	10.4	17.4	18.2	8.6
9		9	9	12	39	7,454	7,454	7,454	9,938	19,380	5.7	32,300	9.5	36,000	10.6	2,250	3,750	3,920	10.4	17.4	18.2	8.6	18.0
9		9	12	12	42	6,921	6,921	9,229	9,229	19,380	5.7	32,300	9.5	36,000	10.6	2,250	3,750	3,920	10.4	17.4	18.2	8.6	18.0
9		12	12	12	45	6,460	8,613	8,613	8,613	19,380	5.7	32,300	9.5	36,000	10.6	2,250	3,750	3,920	10.4	17.4	18.2	8.6	18.0
9		9	9	18	45	6,460	6,460	6,460	12,920	19,380	5.7	32,300	9.5	36,000	10.6	2,250	3,750	3,920	10.4	17.4	18.2	8.6	18.0
12		12	12	12	48	8,075	8,075	8,075	8,075	19,380	5.7	32,300	9.5	36,000	10.6	2,250	3,750	3,920	10.4	17.4	18.2	8.6	18.0

FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

**Non Ducted Type Indoor Unit *continued*
Heating**

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			COP	HSPF
										Min		Middle		Max		Min	Rated	Max	Min	Rated	Max		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW								
2 INDOOR UNITS	9	9	-	-	18	10,350	10,350	-	-	12,420	3.7	20,700	6.1	22,770	6.7	1,554	2,590	3,090	7.2	12.0	14.3	2.3	8.5
	9	12	-	-	21	10,329	13,771	-	-	14,460	4.3	24,100	7.1	26,510	7.8	1,608	2,680	3,100	7.5	12.4	14.4	2.6	8.5
	12	12	-	-	24	13,800	13,800	-	-	16,560	4.9	27,600	8.1	30,360	8.9	1,662	2,770	3,300	7.7	12.8	15.3	2.9	8.5
	9	18	-	-	27	10,000	20,000	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,770	2,950	3,500	8.2	13.7	16.2	3.0	8.7
	12	18	-	-	30	13,200	19,800	-	-	19,800	5.8	33,000	9.7	36,300	10.7	1,878	3,130	4,010	8.7	14.5	18.6	3.1	8.7
	18	18	-	-	36	17,000	17,000	-	-	20,400	6.0	34,000	10.0	37,400	11.0	2,166	3,610	4,010	10.0	16.7	18.6	2.8	8.7
3 INDOOR UNITS	9	9	9	-	27	10,333	10,333	10,333	-	18,600	5.5	31,000	9.1	34,100	10.0	1,800	3,000	3,500	8.3	13.9	16.2	3.0	8.9
	9	9	12	-	30	10,200	10,200	13,600	-	20,400	6.0	34,000	10.0	37,400	11.0	1,932	3,220	4,000	9.0	14.9	18.6	3.1	8.9
	9	12	12	-	33	9,545	12,727	12,727	-	21,000	6.2	35,000	10.3	38,500	11.3	2,076	3,460	4,050	9.6	16.0	18.8	3.0	8.9
	12	12	12	-	36	11800	11800	11,800	-	21,240	6.2	35,400	10.4	41,000	12.1	2,220	3,700	4,100	10.3	17.2	18.8	2.8	8.9
	9	9	18	-	36	8,850	8,850	17,700	-	21,240	6.2	35,400	10.4	41,000	12.1	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1
	9	12	18	-	39	8,169	10,892	16,338	-	21,240	6.2	35,400	10.4	41,000	12.1	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1
	12	12	18	-	42	10,114	10,114	15,171	-	21,240	6.2	35,400	10.4	41,000	12.1	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1
	9	18	18	-	45	7,080	14,160	14,160	-	21,240	6.2	35,400	10.4	41,000	12.1	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1
	12	18	18	-	48	8,850	13,275	13,275	-	21,240	6.2	35,400	10.4	41,000	12.1	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1
	4 INDOOR UNITS	9	9	9	9	36	8,850	8,850	8,850	8,850	21,240	6.2	35,400	10.4	42,000	12.3	2,220	3,700	4,100	10.3	17.2	18.8	2.8
9		9	9	12	39	8,169	8,169	8,169	10,892	21,240	6.2	35,400	10.4	42,000	12.3	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1
9		9	12	12	42	7,586	7,586	10,114	10,114	21,240	6.2	35,400	10.4	42,000	12.3	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1
9		12	12	12	45	7,080	9,440	9,440	9,440	21,240	6.2	35,400	10.4	42,000	12.3	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1
9		9	9	18	45	7,080	7,080	7,080	14,160	21,240	6.2	35,400	10.4	42,000	12.3	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1
12		12	12	12	48	8,850	8,850	8,850	8,850	21,240	6.2	35,400	10.4	42,000	12.3	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1

**Ducted Type Indoor Unit
Cooling**

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			EER	SEER			
										Min		Middle		Max		Min	Rated	Max			Min	Rated	Max
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW								
2 INDOOR UNITS	9	9	-	-	18	9,000	9,000	-	-	10,800	3.2	18,000	5.3	19,800	5.8	980	1,630	2,560	4.5	7.6	11.9	10	14.3
	9	12	-	-	21	9,000	12,000	-	-	12,600	3.7	21,000	6.2	23,100	6.8	1,080	1,790	2,760	5.0	8.3	12.8	10.7	14.5
	12	12	-	-	24	12,000	12,000	-	-	14,400	4.2	24,000	7.1	26,400	7.8	1,170	1,950	2,970	5.4	9.0	13.8	11.3	14.9
	9	18	-	-	27	9,000	18,000	-	-	16,200	4.8	27,000	7.9	29,700	8.7	1,390	2,310	3,430	6.4	10.7	15.9	10.7	15.6
	12	18	-	-	30	11,600	17,400	-	-	17,400	5.1	29,000	8.5	32,000	9.4	1,660	2,960	3,900	7.7	13.7	18.1	9.8	15.6
	18	18	-	-	36	16,500	16,500	-	-	19,800	5.8	33,000	9.7	35,000	10.3	2,230	3,800	4,010	10.3	17.6	18.6	8.7	15.6
3 INDOOR UNITS	9	9	9	-	27	9,000	9,000	9,000	-	16,200	4.8	27,000	7.9	29,700	8.7	1,390	2,310	3,430	6.4	10.7	15.9	11.7	16.0
	9	9	12	-	30	9,000	9,000	12,000	-	18,000	5.3	30,000	8.8	33,000	9.7	1,660	2,960	3,900	7.7	13.7	18.1	10.1	16.0
	9	12	12	-	33	8,618	11,491	11,491	-	18,960	5.6	31,600	9.3	34,500	10.1	1,900	3,370	4,010	8.8	15.6	18.6	9.4	16.0
	12	12	12	-	36	11,000	11,000	11,000	-	19,800	5.8	33,000	9.7	36,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	16.0
	9	9	18	-	36	8,250	8,250	16,500	-	19,800	5.8	33,000	9.7	36,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	16.2
	9	12	18	-	39	7,615	10,154	15,231	-	19,800	5.8	33,000	9.7	36,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	16.2

FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

Ducted Type Indoor Unit *continued*
Cooling

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			EER	SEER
										Min		Middle		Max		Min	Rated	Max	Min	Rated	Max		
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	12	12	18	-	42	9,429	9,429	14,143	-	19,800	5.8	33,000	9.7	33,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	16.2
	9	18	18	-	45	6,600	13,200	13,200	-	19,800	5.8	33,000	9.7	33,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	16.6
	12	18	18	-	48	8,250	12,375	12,375	-	19,800	5.8	33,000	9.7	33,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	16.6
4 INDOOR UNITS	9	9	9	9	36	8,250	8,250	8,250	8,250	19,800	5.8	33,000	9.7	33,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	17.0
	9	9	9	12	39	7,615	7,615	7,615	10,154	19,800	5.8	33,000	9.7	33,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	17.0
	9	9	12	12	42	7,071	7,071	9,429	9,429	19,800	5.8	33,000	9.7	33,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	17.0
	9	12	12	12	45	6,600	8,800	8,800	8,800	19,800	5.8	33,000	9.7	33,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	17.0
	9	9	9	18	45	6,600	6,600	6,600	13,200	19,800	5.8	33,000	9.7	33,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	17.0
	12	12	12	12	48	8,250	8,250	8,250	8,250	19,800	5.8	33,000	9.7	33,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	17.0

Heating

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity				Total Capacity						Input(W)			COP	HSPF			
										Min		Middle		Max		Min	Rated	Max			Min	Rated	Max
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)	BTU/h	kW	BTU/h	kW	BTU/h	kW								
2 INDOOR UNITS	9	9	-	-	18	10,350	10,350	-	-	12,420	3.7	20,700	6.1	22,770	6.7	1,480	2,460	2,940	6.9	11.4	13.6	2.5	8.1
	9	12	-	-	21	10,350	13,800	-	-	14,490	4.3	24,150	7.1	26,560	7.8	1,530	2,550	2,950	7.1	11.8	13.7	2.8	8.1
	12	12	-	-	24	13,800	13,800	-	-	16,560	4.9	27,600	8.1	30,360	8.9	1,580	2,630	3,140	7.3	12.2	14.6	3.1	8.1
	9	18	-	-	27	10,350	20,700	-	-	18,630	5.5	31,050	9.1	34,150	10.0	1,680	2,800	3,330	7.8	13.0	15.4	3.2	8.3
	12	18	-	-	30	13,340	20,010	-	-	20,010	5.9	33,350	9.8	36,680	10.8	1,780	2,970	3,810	8.3	13.8	17.7	3.3	8.3
	18	18	-	-	36	18,975	18,975	-	-	22,770	6.7	37,950	11.2	40,000	11.8	2,060	3,430	3,810	9.6	15.9	17.7	3.2	8.3
3 INDOOR UNITS	9	9	9	-	27	10,350	10,350	10,350	-	18,630	5.5	31,050	9.1	35,700	10.5	1,710	2,850	3,330	7.9	13.2	15.4	3.2	8.5
	9	9	12	-	30	10,350	10,350	13,800	-	20,700	6.1	34,500	10.1	38,640	11.4	1,840	3,060	3,800	8.5	14.2	17.6	3.3	8.5
	9	12	12	-	33	9,911	13,215	13,215	-	21,804	6.4	36,340	10.7	39,820	11.7	1,970	3,290	3,850	9.1	15.3	17.9	3.2	8.5
	12	12	12	-	36	12,333	12,333	12,333	-	22,200	6.5	37,000	10.9	41,000	12.1	2,110	3,520	3,900	9.8	16.3	18.1	3.1	8.5
	9	9	18	-	36	9,250	9,250	18,500	-	22,200	6.5	37,000	10.9	41,000	12.1	2,110	3,520	3,900	9.8	16.3	18.1	3.1	8.6
	9	12	18	-	39	8,538	11,385	17,077	-	22,200	6.5	37,000	10.9	41,300	12.1	2,110	3,520	3,900	9.8	16.3	18.1	3.1	8.6
	12	12	18	-	42	10,571	10,571	15,857	-	22,200	6.5	37,000	10.9	41,600	12.2	2,110	3,520	3,900	9.8	16.3	18.1	3.1	8.6
	9	18	18	-	45	7,400	14,800	14,800	-	22,200	6.5	37,000	10.9	42,000	12.3	2,110	3,520	3,900	9.8	16.3	18.1	3.1	8.9
	12	18	18	-	48	9,250	13,875	13,875	-	22,200	6.5	37,000	10.9	42,300	12.4	2,110	3,520	3,900	9.8	16.3	18.1	3.1	8.9
4 INDOOR UNITS	9	9	9	9	36	9,250	9,250	9,250	9,250	22,200	6.5	37,000	10.9	41,000	12.1	2,110	3,520	3,900	9.8	16.3	18.1	3.1	9.0
	9	9	9	12	39	8,538	8,538	8,538	11,385	22,200	6.5	37,000	10.9	42,300	12.4	2,110	3,520	3,900	9.8	16.3	18.1	3.1	9.0
	9	9	12	12	42	7,929	7,929	10,571	10,571	22,200	6.5	37,000	10.9	41,600	12.2	2,110	3,520	3,900	9.8	16.3	18.1	3.1	9.0
	9	12	12	12	45	7,400	9,867	9,867	9,867	22,200	6.5	37,000	10.9	42,000	12.3	2,110	3,520	3,900	9.8	16.3	18.1	3.1	9.0
	9	9	9	18	45	7,400	7,400	7,400	14,800	22,200	6.5	37,000	10.9	42,000	12.3	2,110	3,520	3,900	9.8	16.3	18.1	3.1	9.0
	12	12	12	12	48	9,250	9,250	9,250	9,250	22,200	6.5	37,000	10.9	42,000	12.3	2,110	3,520	3,900	9.8	16.3	18.1	3.1	9.0



LG
Life's Good

INNOVATIVE COMFORT SOLUTIONS

DUCT-FREE FLOOR STANDING & CEILING CASSETTE AIR CONDITIONING SYSTEMS

High-Capacity Split Systems

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

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



Duct-Free Split Floor Standing Indoor Units



Duct-Free Split Ceiling Cassette Indoor Units White Finish



Single Zone Split Systems Floor Standing

Single Zone Split Systems Ceiling Cassette



FLOOR STANDING & CEILING CASSETTE

DUCT-FREE • FLOOR STANDING SINGLE ZONE

24,000 BTUs

- LF246HV (H/P Model)**
C 24,000 BTUs Cooling
H 26,000 BTUs Heating



42,000 BTUs

- LF426HV (H/P Model)**
C 42,000 BTUs Cooling
H 44,000 BTUs Heating



FEATURES:

- Inverter(Variable speed compressor)
- R-410a Refrigerant
- Three-dimensional cooling (24k BTUs Only)
- Jet Cool
- Cooling mode
- Dehumidifying mode

- Evaporator frost control
- 7-Hour on/off timer
- Auto restart
- Auto Changeover
- Plasma Air Purifying System (24k BTUs Only)
- Built-in remote control holder
- Temperature display on indoor unit

- Control lock function
 - Ultra-quiet turbo fan (24k BTUs Only)
 - Gold Fin™ Anti-Corrosion
- Interior Unit Includes:
- Floor standing unit
 - Remote control & batteries
 - Installation manual

Exterior Unit Includes:

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

ETL# : 3091879

System Model #	LF246HV	LF426HV
Indoor Model #	LFN246HV	LFN426HV
Outdoor Model #	LUU246HV	LUU426HV
Performance		
Capacity (BTUs)	C H 23,000/25,000	41,000/41,000
SEER	13	13
HSPF	7.7	7.7
EER	9.2/9.8	8.8/8.9
Air Circulation (CFM H/M/L)	671/565/459	1,236/1,059/882
Fan Speeds (Cooling/Fan)	3/3	3/3
Dehumidification (pts/hr)	-	-
Indoor dB(A)*	45/42/40	56/53/51
Outdoor dB(A)*	55	58
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	230/208	230/208
Power Input (Cooling/Heating)	2,500/2,550	4,670/4,630
Max Power Input	3,800	5,700
Indoor Dimensions		
W x H x D (inches)	22 4/9 x 12 3/5	23 7/32 x 17 5/16
Weight (lbs.)	94.8	127.9
Outdoor Dimensions		
W x H x D (inches)	34 1/4 x 12 19/32	37 13/32 x 12 31/32
Weight (lbs.)	132.3	227.1
Thermostat Range		
Cooling (°F)	61-86	61-86
Heating (°F)	60-86	60-86

*LG verified sound ratings

Warranty: 2 years parts; 5 years compressor. See page 51 for electrical specifications, refrigerant line requirements & formulas. See page 27 for installation materials.



DUCT-FREE • CEILING CASSETTE SINGLE ZONE

24,000 BTUs

- LC246HV (H/P Model)**
C 24,000 BTUs Cooling
H 26,000 BTUs Heating

* Cassette Grill sold separately
 Model# : PT-UMC



42,000 BTUs

- LC426HV (H/P Model)**
C 42,000 BTUs Cooling
H 44,000 BTUs Heating

* Cassette Grill sold separately
 Model# : PT-UMC



FEATURES:

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

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

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

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

System Model #	LC246HV	LC426HV
Indoor Model #	LCN246HV	LCN426HV
Outdoor Model #	LUU246HV	LUU426HV
Ceiling Grill Model# (Sold Separately)	PT-UMC	PT-UMC
Performance		
Capacity (BTUs)	C H 23,000/25,000	41,000/41,000
SEER	14	14
HSPF	7.7	7.7
EER	9.2/9.8	8.8/8.9
Air Circulation (CFM H/M/L)	636/565/494	1,200/1,130/1,060
Fan Speeds (Cooling/Fan)	5/4	5/4
Dehumidification (pts/hr)	2.1	3.6
Indoor dB(A)*	39/37/34	46/44/40
Outdoor dB(A)*	55	58
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	230/208	230/208
Power Input (Cooling/Heating)	2,500/2,550	4,670/4,630
Max Power Input	3,800	5,700
Indoor Dimensions		
W x H x D (inches)	33 5/64 x 8 1/32	33 5/64 x 11 1/3
Weight (lbs.)	46.3	57.3
Outdoor Dimensions		
W x H x D (inches)	34 1/4 x 12 19/32	37 13/32 x 12 31/32
Weight (lbs.)	132.3	227.1
Thermostat Range		
Cooling (°F)	64-86	64-86
Heating (°F)	60-86	60-86

*LG verified sound ratings

Warranty: 2 years parts; 5 years compressor. See page 51 for electrical specifications, refrigerant line requirements & formulas. See page 27 for installation materials.



DUCT-FREE • FLOOR STANDING & CEILING CASSETTE • SINGLE ZONE

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications [†]									
Type	System #	BTUs	Voltage		Rated Amps	MCA*	MOP**		
			Indoor	Outdoor					
Floor Standing	H/P C H LF245HV	24,000	230/208	230/208	11.5/11.5	20	30		
	H/P C H LF425HV	42,000	230/208	230/208	20.0/20.0	30	40		
Ceiling Cassette	H/P C H LC245HV	24,000	230/208	230/208	11.5/12.4	20	30		
	H/P C H LC425HV	42,000	230/208	230/208	11.5/16.5	30	40		

All equipment single phase.

*Minimum Circuit Ampacity
**Maximum Overcurrent Protection

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

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

Refrigerant Line Specifications [†]									
Type	System #	BTUs	Pipe size		Additional Refrigerant	Max. length each pipe	Max. elevation		
			Liquid	Suction					
Floor Standing	H/P C H LF245HV	24,000	3/8"	5/8"	0.32 oz./ft.	100'	66'		
	H/P C H LF425HV	42,000	3/8"	5/8"	0.42 oz./ft.	131'	82'		
Ceiling Cassette	H/P C H LC245HV	24,000	3/8"	5/8"	0.32 oz./ft.	100'	50'		
	H/P C H LC425HV	42,000	3/8"	5/8"	0.42 oz./ft.	115'	66'		

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

PACKAGED TERMINAL AIR CONDITIONERS

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

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



7,000-15,000 BTUs



Digital Control Panel



Wireless Environmental Control Manager (ECM)



PACKAGED TERMINAL AIR CONDITIONERS

PTAC Features & Benefits



R 410A Refrigerant

Environmentally Friendly Refrigerant utilized in the majority of LG systems



Digital Control Display Includes:

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

Ventilation Filter

Polymeric mesh filter allows clean, fresh air into the living space. Ideal for Health Care 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.

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.

Emergency Heat

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

Freeze Room Protection

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

Dip Switch setting

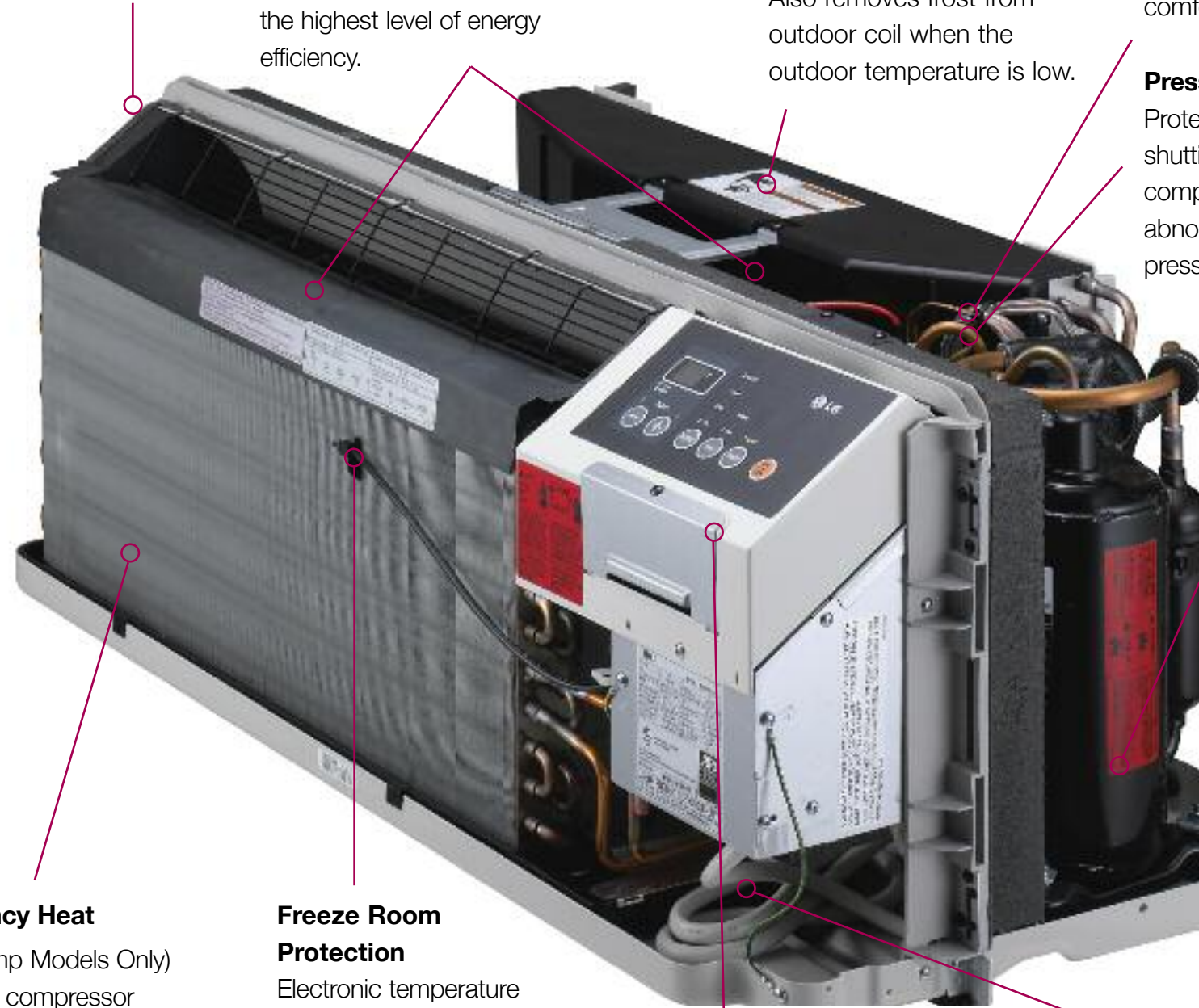
Saves money by control the Lowest & Highest temperature

Power Cord

Included with every unit.

Ceramic Heater

Even, stable and safe heating platform.



LG Environmental Control Manager (ECM)

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



Wireless PTAC Control Card

- Snaps directly to PTAC Control Board



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 only



PACKAGED TERMINAL AIR CONDITIONERS

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

- C** **LP073CD2A** (H/C Model)
7,400 BTUs Cooling & Heating
- LP093CD3A** (H/C Model)
9,000 BTUs Cooling & Heating
- LP123CD3A** (H/C Model)
11,800 BTUs Cooling & Heating
- LP153CD3A** (H/C Model)
14,300 BTUs Cooling & Heating

- C** **H** **LP073HD2A** (Heat Pump Model)
7,400 BTUs Cooling & Heating
- LP093HD3A** (Heat Pump Model)
9,000 BTUs Cooling & Heating
- LP123HD3A** (Heat Pump Model)
11,800 BTUs Cooling & Heating
- LP153HD3A** (Heat Pump Model)
14,700 BTUs Cooling & Heating



FEATURES:

- Gold Fin™ anti-corrosion treatment
- Cooling mode
- Heating mode
- Fan mode
- Energy saver mode
- Auto restart
- Digital temperature control
- Front desk control connection
- Dip switch settings
- Evaporator frost control
- Temperature display on unit
- Freeze room protection
- Pressure control
- Ceramic heater

System Includes:

- Wall unit
- Installation manual
- UL# : SA13362

PACKAGED TERMINAL AIR CONDITIONERS

7,000-15,000 BTUs Digital Control (265V)

- C** **LP076CD2A** (H/C Model)
7,200 BTUs Cooling & Heating
- LP096CD3A** (H/C Model)
9,000 BTUs Cooling & Heating
- LP126CD3A** (H/C Model)
11,800 BTUs Cooling & Heating
- LP156CD3A** (H/C Model)
14,000 BTUs Cooling & Heating

- C** **H** **LP076HD2A** (Heat Pump Model)
7,300 BTUs Cooling & Heating
- LP096HD3A** (Heat Pump Model)
9,200 BTUs Cooling & Heating
- LP126HD3A** (Heat Pump Model)
11,800 BTUs Cooling & Heating
- LP156HD3A** (Heat Pump Model)
14,700 BTUs Cooling & Heating



FEATURES:

- Gold Fin™ anti-corrosion treatment
- Cooling mode
- Heating mode
- Fan mode
- Energy saver mode
- Auto restart
- Digital temperature control
- Front desk control connection
- Dip switch settings
- Evaporator frost control
- Temperature display on unit
- Freeze room protection
- Pressure control

System Includes:

- Wall unit
- Installation manual
- UL# : SA13362

System Model #	LP073CD2A	LP093CD3A	LP123CD3A	LP153CD3A	LP073HD2A	LP093HD3A	LP123HD3A	LP153HD3A
Control Type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Performance								
Capacity (BTUs) C 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	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
EER	11.6	11.0	10.6	9.2	11.6	11.0	10.6	9.4
Air Circulation (CFM H/L)	335/300	335/300	390/355	390/355	335/300	335/300	390/355	390/355
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)	2.0	2.6	3.5	4.4	2.0	2.6	3.5	4.6
Indoor dB(A)*	45/43	46/44	50/48	50/48	45/43	46/44	50/48	50/48
Outdoor dB(A)*	61	61	63	63	61	61	63	63
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	3.5	3.5	3.5	2.5	3.5	3.5	3.5
Circuit Breaker (A)	15	20	20	20	15	20	20	20
Dimensions								
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.)	86	93	93	101	91	97	97	105
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

System Model #	LP076CD2A	LP096CD3A	LP126CD3A	LP156CD3A	LP076HD2A	LP096HD3A	LP126HD3A	LP156HD3A
Control Type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Performance								
Capacity (BTUs) C H	7,200	9,000	11,800	14,000	7,300 6,100	9,200 8,200	11,800 10,700	14,700 12,100
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
EER	11.0	10.5	10.2	9.0	11.2	10.8	10.4	9.4
Air Circulation (CFM H/L)	300/270	300/270	420/390	420/390	300/270	300/270	420/390	420/390
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)	2.0	2.6	3.5	4.4	2.0	2.6	3.5	4.6
Indoor dB(A)*	45/43	46/44	50/48	50/48	45/43	46/44	50/48	50/48
Outdoor dB(A)*	61	61	63	63	61	61	63	63
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	3.7	3.7	3.7	2.0	3.7	3.7	3.7
Circuit Breaker (A)	15	20	20	20	15	20	20	20
Dimensions								
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.)	88	94	94	102	91	99	99	106
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

WIRELESS WALL THERMOSTAT FOR LG PTACS & DUCT-FREE SPLIT SYSTEMS

WIRELESS ENERGY MANAGEMENT DIGITAL THERMOSTAT



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

- ECM Kit includes the thermostat and the PTAC Control Card - with or

- Network Connection Kit includes Network Server, Network Node, Programming unit, USB Cable, RJ-45 Cable, 2 AAA Batteries.

Touch-Screen Interface

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

Energy Savings

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

Remote Management

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

Occupancy Detection

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

Wireless Networking

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

Full HVAC Compatibility

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



PTAC Control Card



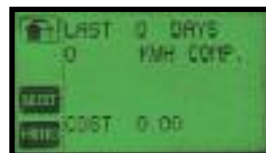
Network Server



Network Node



Programming Unit



Monitor power use and calculate cost of operation



Pre-program up to 4 temperature and fan operation mode changes daily

LG DUCT-FREE SPLIT SYSTEMS Part# : DFSWLWT0A

ADDITIONAL COMFORT AND CONTROL FEATURES*

- Versatile 7-day, 4-events-per-day program with a selectable temperature set point and fan mode for each event.
- Convenient “Copy” option duplicates daily settings to simplify the set-up of a custom, 7-day program.
- “Filter Monitor” ensures that airflow is maximized by notifying the user to clean the air filter at regular intervals.
- “Energy Watch” monitors power consumption (kWh) and calculates the actual dollar cost of operating the LG Mini-Split Air Conditioner over a selected time period.

*Applicable to 36V DC indoor models only.



PACKAGED TERMINAL AIR CONDITIONERS

PARTS & ACCESSORIES

Description	Model #	Description	Model #	Description	Model #
42" Wall Sleeve	AYSVB01A	Wireless ECM with Humidity Kit	PYRCUCC1HA	Condensate Disposal Kit 230/208V	AYCD2101
42" Stamped Aluminum Rear Grille	AYRGALA01	Network Connection Kit	PYNTU0A	Condensate Drain Kit	AYDR101
Architecture Grille - Aluminum	AYAGALA01A	EMS/Front Desk Control Connection Kit	AYFD101	Lateral Duct Kit	AYLD1A
Architecture Grille - Dark Bronze	AYAGALB01A			Leveling Legs	AYLL101
Architecture Grille - Soft Dove	AYAGALC01A			Control Panel Key Lock	AYCP101
		Sub Base 20A 230/208V	AYSB1101A	Built-in Control Cover Kit - 10 Pack	AYRE110
		Sub Base 30A 230/208V	AYSB2101A	Replacement Filter - 10 Pack	AYFT110
		Sub Base 20A 265V	AYSB3101A		
		Sub Base 30A 265V	AYSB4101A	Hydronic/Steam Heat Coil Kit 230/208V/265V	PYHSK1A
		Fuse Holder Kit (230V, 30A)	AYFH1401	Hydronic Valve 230/208V NC 1/2"	PYHV1A
		Hard Wire Kit	AYHW101	Hydronic Valve 265V NC 1/2"	PYHV2A
				Steam Valve 230/208V NC 1/2"	PYSV1A
				Steam Valve 265V NC 1/2"	PYSV2A



42" Wall Sleeve
AYSVB01A



42" Stamped Aluminum Grille
AYRGALA01



Architecture Grille - Aluminum
AYAGALA01A



Architecture Grille - Dark Bronze
AYAGALB01A



Architecture Grille - Soft Dove
AYAGALC01A



Wireless Environmental Control Manager (ECM) with Occupancy Sensor PYRCUCC2A
For technical support, call 866-908-6864, press#2



Digital Wired Wall Thermostat
PYRCUCA0A



EMS/Front Desk Control Connection Kit
AYFD101



Fuse Holder Kit
AYFH1401



Hardwire Kit
AYHW101



Condensate Disposal Kit
AYCD2101



Condensate Drain Kit
AYDR101



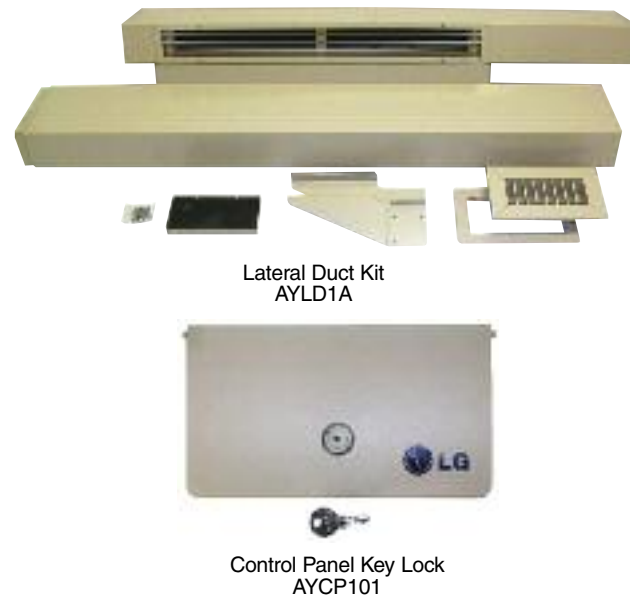
PACKAGED TERMINAL AIR CONDITIONERS

PARTS & ACCESSORIES

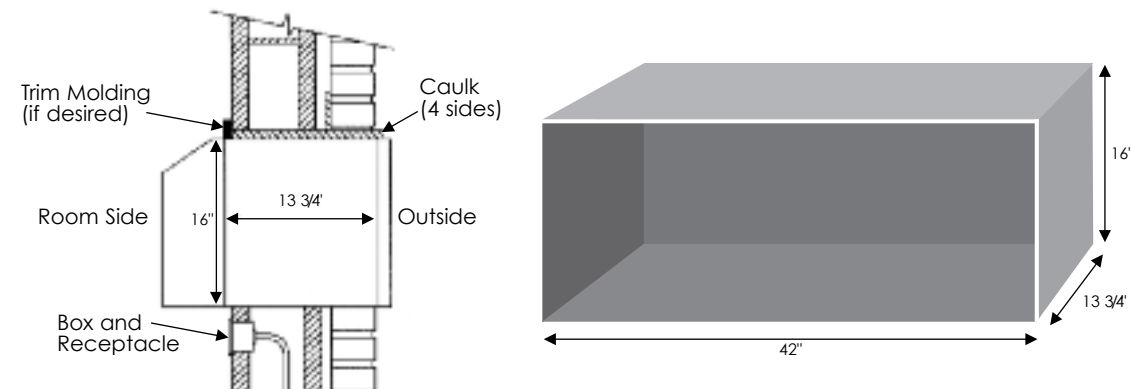


CFM	Heating BTUs	
	Hydronic	Steam
270	14,500	18,500
300	15,500	19,500
335	16,500	21,000
355	17,000	21,500
390	17,500	22,000
420	18,500	23,500

Based on ARI test condition of 70°F DB / 60°F WB,
200°F EWT, 20°F DT, 70°F EAT, 2 psig steam, 70°F EWT



Installation • Quick Reference



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.

Some of LG's Through-The-Wall models are ENERGY STAR® qualified, an important feature for energy conscious customers. All feature Gold Fin™ Technology which protects the unit from the corrosive effects of the salt air and extend the operating life.

BTU sizes range from 8,000–14,000, and both cooling only and heat/cool models are offered. Also, the standard size chassis fits into any competitive wall sleeve, allowing for 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.

12 Hour On/Off Timer

Allows you to set the number of hours you'd like the unit to run, up to 12 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 BTUs

- LT081CER** (A/C Model)
8,000 BTUs Cooling
- LT101CNR** (A/C Model)
9,800 BTUs Cooling
- LT103CER** (A/C Model)
10,000 BTUs Cooling
- LT121CNR** (A/C Model)
11,500 BTUs Cooling
- LT123CNR** (A/C Model)
11,500 BTUs Cooling
- LT143CNR** (A/C Model)
13,000 BTUs Cooling



FEATURES:

- Gold Fin™ anti-corrosion treatment
 - Cooling mode
 - Fan mode
 - Auto sleep mode
 - Auto restart
 - 12-Hour on/off timer
- System Includes:
- Wall unit
 - Remote control and batteries
 - Installation manual
 - Trim Kit
- UL# : SA7244

System Model #	LT081CER	LT101CNR	LT103CER	LT121CNR	LT123CNR	LT143CNR
Performance						
Capacity (BTUs)	8,000	9,800	10,000/9,800	11,500	11,500/11,200	13,000/12,600
EER	9.6	8.8	9.4/9.4	8.8	8.8/8.8	8.5/8.5
Energy Star						
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	15	15	15	15	15
Dimensions						
W x H x D (inches)	14 13/32 x 20 3/32	14 13/32 x 20 3/32	14 13/32 x 20 3/32	14 13/32 x 20 3/32	14 13/32 x 20 3/32	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

THROUGH-THE-WALL AIR CONDITIONERS

10,000-12,000 BTUs

- LT103HNR** (H/C Model)
10,000 BTUs Cooling & Heating
- LT123HNR** (H/C Model)
11,500 BTUs Cooling & Heating



FEATURES:

- Gold Fin™ anti-corrosion treatment
 - Cooling mode
 - Heating mode
 - Fan mode
 - Auto sleep mode
 - Auto restart
 - 12-Hour on/off timer
- System Includes:
- Wall unit
 - Remote control and batteries
 - Installation manual
 - Trim Kit
- UL# : SA7244

System Model #	LT103HNR	LT123HNR
Performance		
Capacity (BTUs)	10,000/9,800	11,500/11,200
	11,200/9,200	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)	60-86/54-86	60-86/54-86

*LG verified sound rating

THROUGH-THE-WALL AIR CONDITIONERS OPTIONAL ACCESSORIES

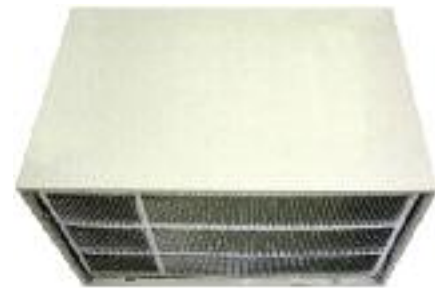
Description	Model #
26" Wall Sleeve	AXSVA1
Stamped Aluminum Grille	AXRGALA01
Wall Sleeve with Stamped Aluminum Grille	AXSVA4
Architectural Grille	AXAGALA01A



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

WINDOW AIR CONDITIONERS 7,000-24,000 BTUs

- C H LW7010HR** (H/C Model)
7,000 BTUs Cooling & Heating
- LW1210HR** (H/C Model)
12,000 BTUs Cooling & Heating
- LW1810HR** (H/C Model)
18,000 BTUs Cooling & Heating
- LW2410HR** (H/C Model)
23,500 BTUs Cooling & Heating



FEATURES:

- Cooling mode
- Heating mode
- Fan mode
- Auto sleep mode
- Auto restart
- 12-Hour on/off timer

System Includes:

- Window unit
 - Remote control and batteries
 - Installation manual
- UL SA7244

System Model #	LW7010HR	LW1210HR	LW1810HR	LW2410HR
Performance				
Capacity (BTUs)	C 7,000 H 3,850	12,000/11,500 11,200/9,200	18,000/17,500 12,000/9,800	23,500/23,000 11,600/9,400
EER	9.7	9.8/9.8	9.7/9.7	8.5/8.5
Air Circulation (CFM)	205	265	430	560
Fan Speeds (Cooling/Heating/Fan)	2/2/2	2/2/2	2/2/2	2/2/2
Dehumidification (pts/hr)	2.3	3.3	5.5	6.5
Indoor dB(A)*	49	51	55	64
Outdoor dB(A)*	54	57	63	69
Electrical				
Rated Voltage	115-60-1	230/208-60-1	230/208-60-1	230/208-60-1
Circuit Breaker (A)	20	20	20	20
Dimensions				
W x H x D (inches)	18 9/16 x 13 7/8 x 20 11/16	23 5/8 x 14 31/32 x 22 1/16	26 x 16 27/32 x 30 5/16 x	26 x 16 27/32 x 30 5/16 x
Weight (lbs.)	60.0	87.0	136.0	146.0
Thermostat Range				
Cooling/Heating (°F)	60-86	60-86	60-86	60-86

*LG verified sound rating

