

ENGINEERING AND SPECIFICATIONS GUIDE



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



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 *Inverter*
pg. 11-12

MINI-SPLIT STANDARD, HIGH EFFICIENCY INVERTER, SINGLE ZONE



9,000-18,000 BTUs
Cooling and Heat Pump
pg. 19-21



24,000-36,000 BTUs
Heat Pump Inverter
pg. 22-23



9,000-24,000 BTUs
Heat Pump Inverter
pg. 13-16



FLOOR STANDING AND CEILING CASSETTE, SINGLE ZONE



24,000 BTUs
Heat Pump Inverter
pg. 27



42,000 BTUs
Heat Pump Inverter
pg. 27



24,000 and 42,000 BTUs
Heat Pump Inverter
pg. 28

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



Inverter

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. 31-36

THROUGH-THE-WALL

PACKAGED TERMINAL AIR CONDITIONERS



8,000-14,000 BTUs
Cooling
10,000-12,000 BTUs
Heat/Cool
pg. 67-68



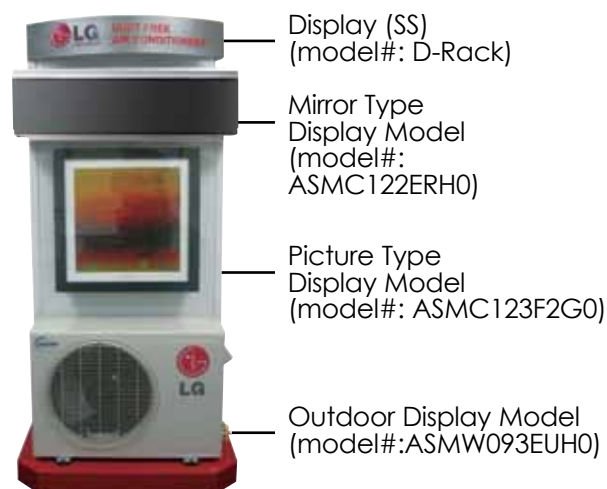
7,000-15,000 BTUs
Heat/Cool
7,000-15,000 BTUs
Heat Pump
pg. 61-62

WINDOW AIR CONDITIONER

ART COOL DISPLAY RACK



7,000-24,000 BTUs
Heat/Cool
pg. 70



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

Mirror Type
Display Model
(model#: ASMC122ERH0)

Picture Type
Display Model
(model#: ASMC123F2G0)

Outdoor Display Model
(model#: ASMW093EUH0)

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.** Ozone-friendly refrigerant utilized in the majority of LG systems.

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

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

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.

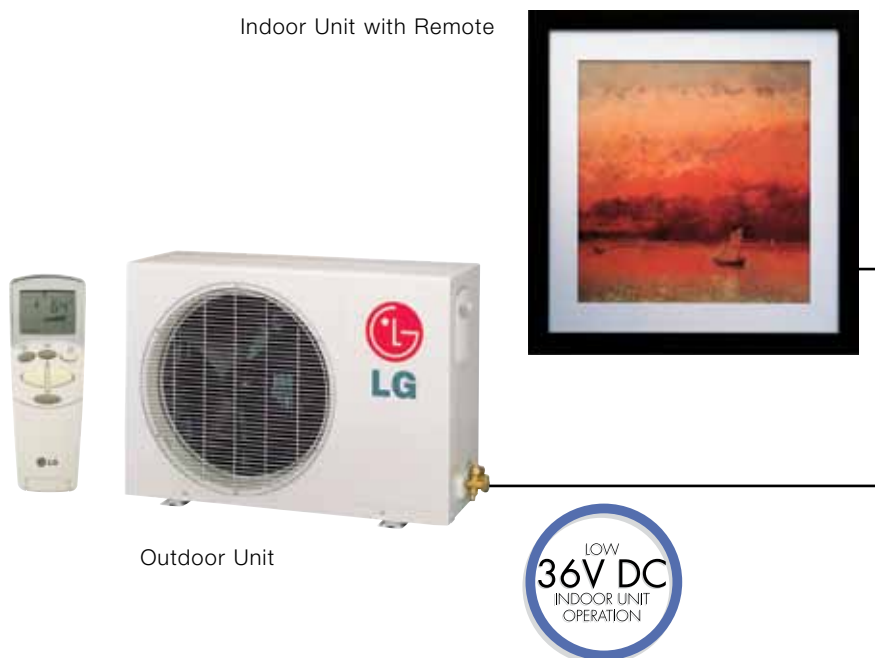
Available styles and finishes



Mini-Split
Art Cool Indoor Unit
Customizable Picture Art Panel

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.

Indoor Unit with Remote



Outdoor Unit

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

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
- Self-cleaning indoor coil
- Dehumidifying mode
- Chaos Wind
- Three-way cooling
- Jet Cool
- Cooling mode
- Fan mode
- Auto operation

- Manual power switch
- Defrost control (Heating Mode)
- Auto sleep mode
- Auto restart
- Built-in low ambient standard, down to 14°F (Cooling Mode)
- 24-Hour on/off timer
- Evaporator frost control
- Plasma air purifying system

Interior Unit Includes:

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

Exterior Unit Includes:

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

ETL# : 3091879

System Model

LA096HNP

Indoor Model #

LAN096HNP

Outdoor Model #

LAU096HNP

Performance

Capacity (BTUs)

C 9,900

H 9,900

EER

9

SEER

13

HSPF

7.7

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

23 5/8 x

W x H x D (inches)

23 5/8 x

5 3/4

Weight (lbs.)

33.1

Outdoor Dimensions

30 5/16 x

W x H x D (inches)

21 5/16 x

9 5/8

Weight (lbs.)

70.5

Thermostat Range

Cooling / Heating (°F)

64-86/60-86

*LG verified sound ratings

Warranty: 3 years parts; 5 years compressor.

See page 9 for electrical specifications, refrigerant line requirements & formulas. See page 25 for installation materials.



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
- Self-cleaning indoor coil
- Dehumidifying mode
- Chaos Wind
- Three-way cooling
- Jet Cool
- Cooling mode
- Fan mode
- Auto operation

- Manual power switch
- Defrost control (Heating Mode)
- Auto sleep mode
- Auto restart
- Built-in low ambient standard, down to 14°F (Cooling Mode)
- 24-Hour on/off timer
- Evaporator frost control
- Plasma air purifying system

Interior Unit Includes:

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

Exterior Unit Includes:

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

ETL# : 3091879

System Model

LA126HNP

Indoor Model #

LAN126HNP

Outdoor Model #

LAU126HNP

Performance

Capacity (BTUs)

C 11,500
H 11,000

EER

10

SEER

13

HSPF

7.7

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
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



ART COOL MINI-SPLIT SINGLE ZONE

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications									
Zone	Type		Model	BTUs	Voltage		Rated Amps	MCA*	MOP**
					Indoor	Outdoor			
Art Cool Single-Zone	H/P	C H	LA096HNP	9,900	36V DC	115	10.5	14.3	20
	H/P	C H	LA126HNP	11,500	36V DC	115	10.5	14.3	20

All equipment single phase.

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

*Minimum Circuit Ampacity

**Maximum Overcurrent Protection

Refrigerant Line Specifications***									
Zone	Type		Model	BTUs	Pipe Size		Additional Refrigerant	Max. Pipe Length	Max. Elevation
					Liquid	Suction			
Art Cool Single-Zone	H/P	C H	LA096HNP	9,500	1/4"	1/2"	0.22 oz./ft.	49'	23'
	H/P	C H	LA126HNP	11,000	1/4"	1/2"	0.22 oz./ft.	49'	23'

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

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

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

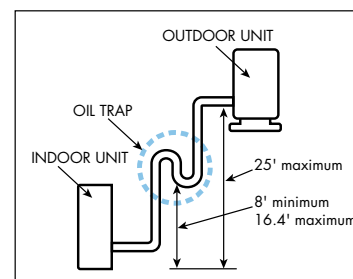


Figure A.
Example: 25 ft. maximum elevation.
(Oil traps excluded from inverter system.)

MINI-SPLIT HIGH EFFICIENCY AIR CONDITIONERS SINGLE-ZONE.

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



Indoor Unit



Outdoor Unit



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

9,000 BTUs / 12,000 BTUs

LA090HSV (H/P Model)

- C** 9,000 BTUs Cooling
- H** 10,800 BTUs Heating

LA120HSV (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 • Gold Fin™ Anti-corrosion • Self-cleaning indoor coil • Cooling/Heating/Fan mode • Jet cool/Jet heat • Chaos Wind • 4-Way Auto Swing | <ul style="list-style-type: none"> • Ultra quiet operation • Sleep mode • Dehumidifying mode • Auto restart • Auto Changeover • Built-in low ambient standard, down to 14°F (Cooling Mode) • 24-Hour on/off timer • Plasma air purifying system | <p>Interior Unit Includes:</p> <ul style="list-style-type: none"> • Wall unit • Installation plate & hardware • Remote control, batteries, holder & holder hardware • Installation manual • Accessory -Model#:PQRCVSL0(QW) (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 41' line set (line set not included) |
|--|---|---|--|

* Specification can be changed without notification

System Model #	LA090HSV	LA120HSV
Indoor Model #	LAN090HSV	LAN120HSV
Outdoor Model #	LAU090HSV	LAU120HSV
Performance		
Capacity (BTUs)	C 9,000 H 10,800	C 11,200 H 13,300
EER	13.3	12.5
SEER	20	20
HSPF	11.0	11.0
Air Circulation (CFM H/M/L)	350/280/210	350/280/210
Fan Speeds	7/Auto/Chaos	7/Auto/Chaos
Dehumidification (pts/hr)	2.6	3.0
Indoor dB(A)*	38/33/24/19	39/33/24/19
Outdoor dB(A)*	45	45
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	230/208-60-1	230/208-60-1
Indoor Dimensions		
W x H x D (inches)	34 13/16 x 11 1/4 x 8 1/16	34 13/16 x 11 1/4 x 8 1/16
Weight (lbs.)	24.3	24.3
Outdoor Dimensions		
W x H x D (inches)	30 5/16 x 21 7/16 x 11 5/16	30 5/16 x 21 7/16 x 11 5/16
Weight (lbs.)	77.2	77.2
Thermostat Range		
Cooling / Heating (°F)	64-86/60-86	64-86/60-86

*LG verified sound ratings

Warranty: 3 years parts; 5 years compressor.

See page 17 for electrical specifications, refrigerant line requirements & formulas. See page 25 for installation materials.



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

18,000 BTUs / 24,000 BTUs

LA180HSV (H/P Model)

- C** 18,200 BTUs Cooling
- H** 22,000 BTUs Heating

LA240HSV (H/P Model)

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

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



FEATURES:

- Inverter (Variable speed compressor)
- Energy saving
- R410a Refrigerant
- Gold Fin™ Anti-corrosion
- Self-cleaning indoor coil
- Cooling/Heating/Fan mode
- Jet cool/Jet heat
- Chaos Wind
- 4-Way Auto Swing

- Ultra quiet operation
- Sleep mode
- Dehumidifying mode
- Auto restart
- Auto Changeover
- Built-in low ambient standard, down to 14°F (Cooling Mode)
- 24-Hour on/off timer
- Plasma air purifying system

Interior Unit Includes:

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

Exterior Unit Includes:

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

* Specification can be changed without notification

System Model #	LA180HSV	LA240HSV
Indoor Model #	LAN180HSV	LAN240HSV
Outdoor Model #	LAU180HSV	LAU240HSV
Performance		
Capacity (BTUs)	C 18,200 H 22,000	C 22,000 H 27,600
EER	12.6	10.8
SEER	20.5	20.0
HSPF	9.7	10.0
Air Circulation (CFM H/M/L)	600/510/420	600/510/420
Fan Speeds	7/Auto/Chaos	7/Auto/Chaos
Dehumidification (pts/hr)	5.5	5.5
Indoor dB(A)*	45/40/35	45/40/35
Outdoor dB(A)*	53	53
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	230/208-60-1	230/208-60-1
Indoor Dimensions		
W x H x D (inches)	40 9/16 x 12 13/16 x 9 7/8	40 9/16 x 12 13/16 x 9 7/8
Weight (lbs.)	37.5	37.5
Outdoor Dimensions		
W x H x D (inches)	34 5/16 x 31 1/2 x 12 5/8	34 5/16 x 31 1/2 x 12 5/8
Weight (lbs.)	132.3	132.3
Thermostat Range		
Cooling / Heating (°F)	64-86/60-86	64-86/60-86

*LG verified sound ratings



Warranty: 3 years parts; 5 years compressor.
See page 17 for electrical specifications, refrigerant line requirements & formulas. See page 25 for installation materials.

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

9,000 BTUs

LS091HSV (H/P Model)

- C** 9,000 BTUs Cooling
- H** 10,800 BTUs Heating



Inverter



FEATURES:

- Inverter (Variable speed compressor)
- Energy saving
- R410a Refrigerant
- Gold Fin™ Anti-corrosion
- Self-cleaning indoor coil
- Cooling/Heating/Fan mode
- Jet cool/Jet heat
- Chaos Wind
- 4-Way Auto Swing

- Ultra quiet operation
- Sleep mode
- Dehumidifying mode
- Auto restart
- Auto Changeover
- Built-in low ambient standard, down to 14°F (Cooling Mode)
- 24-Hour on/off timer
- Plasma air purifying system

Interior Unit Includes:

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

Exterior Unit Includes:

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

ETL# : 3091879

System Model

LS091HSV

Indoor Model #

LSN091HSV

Outdoor Model #

LSU091HSV

Performance

Capacity (BTUs)

- C** 9,000
- H** 10,800

EER

13.3

SEER

20

HSPF

11.0

Air Circulation (CFM H/M/L)

350/280/210

Fan Speeds

7/Auto/Chaos

Dehumidification (pts/hr)

2.6

Indoor dB(A)*

38/33/24/19

Outdoor dB(A)*

45

Electrical

Rated Voltage Outdoor

230/208-60-1

Rated Voltage Indoor

230/208-60-1

Indoor Dimensions

34 13/16 x

W x H x D (inches)

11 1/4 x

8 1/4

Weight (lbs.)

24.3

Outdoor Dimensions

30 5/16 x

W x H x D (inches)

21 7/16 x

11 5/16

Weight (lbs.)

77.2

Thermostat Range

Cooling / Heating (°F)

64-86/60-86

*LG verified sound ratings

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

12,000 BTUs

LS121HSV (H/P Model)

C 11,200 BTUs Cooling

H 13,300 BTUs Heating



Inverter



FEATURES:

- Inverter (Variable speed compressor)
- Energy saving
- R410a Refrigerant
- Gold Fin™ Anti-corrosion
- Self-cleaning indoor coil
- Cooling/Heating/Fan mode
- Jet cool/Jet heat
- Chaos Wind
- 4-Way Auto Swing

- Ultra quiet operation
- Sleep mode
- Dehumidifying mode
- Auto restart
- Auto Changeover
- Built-in low ambient standard, down to 14°F (Cooling Mode)
- 24-Hour on/off timer
- Plasma air purifying system

Interior Unit Includes:

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

Exterior Unit Includes:

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

ETL# : 3091879

System Model

LS121HSV

Indoor Model #

LSN121HSV

Outdoor Model #

LSU121HSV

Performance

Capacity (BTUs)

C 11,200

H 13,300

EER

12.5

SEER

20

HSPF

11.3

Air Circulation (CFM H/M/L)

350/280/210

Fan Speeds

7/Auto/Chaos

Dehumidification (pts/hr)

3.0

Indoor dB(A)*

39/33/24/19

Outdoor dB(A)*

45

Electrical

Rated Voltage Outdoor

230/208-60-1

Rated Voltage Indoor

230/208-60-1

Indoor Dimensions

34 13/16 x

W x H x D (inches)

11 1/4 x

8 1/4

Weight (lbs.)

24.3

Outdoor Dimensions

30 5/16 x

W x H x D (inches)

21 7/16 x

11 5/16

Weight (lbs.)

77.2

Thermostat Range

Cooling / Heating (°F)

64-86/60-86

*LG verified sound ratings



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

18,000 BTUs

LS181HSV (H/P Model)

- C** 18,200 BTUs Cooling
- H** 22,000 BTUs Heating



FEATURES:

- Inverter (Variable speed compressor)
- Energy saving
- R410a Refrigerant
- Gold Fin™ Anti-corrosion
- Self-cleaning indoor coil
- Cooling/Heating/Fan mode
- Jet cool/Jet heat
- Chaos Wind
- 4-Way Auto Swing

- Ultra quiet operation
- Sleep mode
- Dehumidifying mode
- Auto restart
- Auto Changeover
- Built-in low ambient standard, down to 14°F (Cooling Mode)
- 24-Hour on/off timer
- Plasma air purifying system

Interior Unit Includes:

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

Exterior Unit Includes:

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

System Model

LS181HSV

Indoor Model #

LSN181HSV

Outdoor Model #

LSU181HSV

Performance

Capacity (BTUs)

- C** 18,200
- H** 22,000

EER

12.6

SEER

18.2

HSPF

9.7

Air Circulation (CFM H/M/L)

600/510/420

Fan Speeds

7/Auto/Chaos

Dehumidification (pts/hr)

5.5

Indoor dB(A)*

45/40/35

Outdoor dB(A)*

53

Electrical

Rated Voltage Outdoor

230/208-60-1

Rated Voltage Indoor

230/208-60-1

Indoor Dimensions

W x H x D (inches)

40 9/16 x
12 13/16 x
9 7/8

Weight (lbs.)

37.5

Outdoor Dimensions

W x H x D (inches)

34 5/16 x
31 1/2 x
12 5/8

Weight (lbs.)

132.3

Thermostat Range

Cooling / Heating (°F)

64-86/60-86

*LG verified sound ratings

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

24,000BTUs

LS240HSV (H/P Model)

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



Inverter



FEATURES:

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

Interior Unit Includes:

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

Exterior Unit Includes:

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

System Model # LS240HSV

Indoor Model # LSN240HSV

Outdoor Model # LSU240HSV

Performance

Capacity (BTUs) **C** 22,000
H 27,600

EER 12.5

SEER 18.9

HSPF 10.2

Air Circulation (CFM H/M/L) 700/570/450

Fan Speeds 5/Auto/Chaos

Dehumidification (pts/hr) 6.0

Indoor dB(A)* 46/43/39

Outdoor dB(A)* 54

Electrical

Rated Voltage Outdoor 230/208-60-1

Rated Voltage Indoor 230/208-60-1

Indoor Dimensions

W x H x D (inches) 47 5/8 x

13 5/8 x

8 1/16

Weight (lbs.) 39.7

Outdoor Dimensions

W x H x D (inches) 34 5/16 x

31 1/2 x

12 5/8

Weight (lbs.) 132.3

Thermostat Range

Cooling / Heating (°F) 64-86/60-86

*LG verified sound ratings



Accessory

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



PQRCVSL0



PQRCVSL0QW

HIGH EFFICIENCY SINGLE ZONE • INVERTER

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications									
Zone	Type		Model	BTUs	Voltage		Rated Amps	MCA*	MOP**
					Indoor	Outdoor			
High Efficiency Art Cool Single-Zone	H/P	C H	LA090HSV	9,000	230/208	230/208	6.2/7.4	8.2	15
	H/P	C H	LA120HSV	11,200	230/208	230/208	6.2/7.4	8.2	15
	H/P	C H	LA180HSV	18,200	230/208	230/208	17.8/17.8	16.4	25
	H/P	C H	LA240HSV	22,000	230/208	230/208	17.8/17.8	16.4	25
High Efficiency Wall mounted Inverter	H/P	C H	LS091HSV	9,000	230/208	230/208	6.2/7.4	8.2	15
	H/P	C H	LS121HSV	11,200	230/208	230/208	6.2/7.4	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	18,200	230/208	230/208	17.8/17.8	16.4	25
	H/P	C H	LS240HSV	22,000	230/208	230/208	17.8/17.8	16.8	25

All equipment single phase.

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

*Minimum Circuit Ampacity

**Maximum Overcurrent Protection

Refrigerant Line Specifications***									
Zone	Type		Model	BTUs	Pipe Size		Additional Refrigerant	Max. Pipe Length	Max. Elevation
					Liquid	Suction			
High Efficiency Art Cool Single-Zone	H/P	C H	LA090HSV	9,000	1/4"	3/8"	0.22 oz./ft.	66'	33'
	H/P	C H	LA120HSV	11,200	1/4"	3/8"	0.22 oz./ft.	66'	33'
	H/P	C H	LA180HSV	18,200	3/8"	5/8"	0.38 oz./ft.	98'	49'
	H/P	C H	LA240HSV	22,000	3/8"	5/8"	0.38 oz./ft.	98'	49'
High Efficiency Wall mounted Inverter	H/P	C H	LS091HSV	9,000	1/4"	3/8"	0.22 oz./ft.	66'	33'
	H/P	C H	LS121HSV	11,200	1/4"	3/8"	0.22 oz./ft.	66'	33'
	H/P	C H	LS161HSV	16,300	1/4"	1/2"	0.22 oz./ft.	66'	49'
	H/P	C H	LS181HSV	18,200	3/8"	5/8"	0.38 oz./ft.	98'	49'
	H/P	C H	LS240HSV	22,000	3/8"	5/8"	0.38 oz./ft.	98'	49'

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

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

MINI-SPLIT STANDARD AIR CONDITONERS 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 36,000 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
24,000-36,000 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
- Gold Fin™ Anti-corrosion
- Dehumidifying mode
- Chaos Wind
- 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
- Built-in low ambient standard, down to 14°F (Cooling Mode)
- 24-Hour on/off timer
- 4 Fan speeds
- Plasma air purifying system
- Ultra-quiet operation
- Evaporator frost control

Interior Unit Includes:

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

Exterior Unit Includes:

- Exterior unit
- Exterior unit has sufficient refrigerant for charging indoor coil and a 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

EER

11

9.5

SEER

13

13

HSPF

-

7.8

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

33 1/16 x

35 1/4 x

W x H x D (inches)

10 5/8 x

11 1/8 x

6 1/32

6 1/2

Weight (lbs.)

15.4

20.5

Outdoor Dimensions

30 5/16 x

30 5/16 x

W x H x D (inches)

21 5/16 x

21 5/16 x

9 5/8

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
- Gold Fin™ Anti-corrosion
- Dehumidifying mode
- Chaos Wind
- 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
- Built-in low ambient standard, down to 14°F (Cooling Mode)
- 24-Hour on/off timer
- 4 Fan speeds
- Plasma air purifying system

- Ultra-quiet operation
- Evaporator frost control

Interior Unit Includes:

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

Exterior Unit Includes:

- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 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
EER	10	10
SEER	13	13
HSPF	-	7.8
Air Circulation (CFM H/M/L)	330/280/230	330/280/230
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	3.0	3.0
Indoor dB(A)*	41/36/34	41/36/34
Outdoor dB(A)*	48	48
Electrical		
Rated Voltage Outdoor	115-1-60	115-1-60
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions		
W x H x D (inches)	35 1/4 x 11 1/8 x 6 1/2	35 1/4 x 11 1/8 x 6 1/2
Weight (lbs.)	20.5	20.5
Outdoor Dimensions		
W x H x D (inches)	30 5/16 x 21 5/16 x 9 5/8	30 5/16 x 21 5/16 x 9 5/8
Weight (lbs.)	72.8	72.8
Thermostat Range		
Cooling / Heating (°F)	64-86	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:

- Multi Power System™
- R-410A Refrigerant
- Gold Fin™ Anti-corrosion
- Dehumidifying mode
- Chaos Wind
- 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
- Ultra-quiet operation

- Evaporator frost control
- 4 Fan speeds
- Plasma air purifying system

Interior Unit Includes:

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

- Installation manual

Exterior Unit Includes:

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

System Model

Indoor Model #

LS186CE

LSN186CE

LS186HE

LSN186HE

Outdoor Model #

LSU186CE

LSU186HE

Performance

Capacity (BTUs)

C 17,800

C 17,800

H 17,800

EER

8.9

8.9

SEER

13

13

HSPF

-

7.7

Air Circulation (CFM H/M/L)

560/490/430

560/490/430

Fan Speeds

4/Auto/Chaos

4/Auto/Chaos

Dehumidification (pts/hr)

5.3

5.3

Indoor dB(A)*

46/43/41

46/43/41

Outdoor dB(A)*

53

53

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

42 15/16 x

11 13/16 x

11 13/16 x

7 1/32

7 1/32

Weight (lbs.)

28.6

28.6

Outdoor Dimensions

W x H x D (inches)

34 5/16 x

34 5/16 x

25 13/16 x

25 13/16 x

12 5/8

12 5/8

Weight (lbs.)

124.3

124.3

Thermostat Range

Cooling / Heating (°F)

64-86

64-86/60-86

*LG verified sound ratings

Warranty: 2 years parts; 5 years compressor.

See page 24 for electrical specifications, refrigerant line requirements & formulas. See page 25 for installation materials.



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



Inverter



FEATURES:

- Inverter(Variable speed compressor)
- R-410A Refrigerant
- Gold Fin™ Anti-Corrosion
- Chaos Wind
- Self-cleaning indoor coil
- Auto changeover
- Jet Cool
- Cooling/Heating/Fan Mode
- Auto sleep mode
- Ultra-quiet operation
- Dehumidifying mode
- Auto restart
- 24-Hour on/off timer
- Built-in low ambient standard, down to 14°F (Cooling Mode)
- Manual power switch
- Defrost control
- Temperature display on indoor unit
- Evaporator frost control
- Energy Saving
- 4 Fan speeds
- Plasma air purifying system

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

LS246HV

Indoor Model #

LSN246HV

Outdoor Model #

LSU246HV

Performance

Capacity (BTUs)

C 24,400

H 26,000

EER

9.2

SEER

14.7

HSPF

7.7

Air Circulation (CFM H/M/L)

530/450/370

Fan Speeds

4/Auto/Chaos

Dehumidification (pts/hr)

5.7

Indoor dB(A)*

45/40/37

Outdoor dB(A)*

54

Electrical

Rated Voltage Outdoor

230/208-60-1

Rated Voltage Indoor

230/208-60-1

Indoor Dimensions

42 15/16 x

W x H x D (inches)

11 13/16 x

7

Weight (lbs.)

28.7

Outdoor Dimensions

34 5/16 x

W x H x D (inches)

31 1/2 x

12 5/8

Weight (lbs.)

132

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 / 36,000 BTUs

LS307HV (H/P Model)

- C** 30,000 BTUs Cooling
- H** 32,000 BTUs Heating

LS360HV (H/P Model)

- C** 33,100 BTUs Cooling
- H** 35,200 BTUs Heating



Inverter



FEATURES:

- 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
- Dehumidifying mode
- Auto restart
- 24-Hour on/off timer
- Built-in low ambient standard, down to 14°F (Cooling Mode)
- Manual power switch
- Defrost control
- Temperature display on indoor unit
- Evaporator frost control
- Energy Saving
- 4 Fan speeds
- Plasma air purifying system

Interior Unit Includes:

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

Exterior Unit Includes:

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

*Specification can be changed without notification

System Model #	LS307HV	LS360HV
Indoor Model #	LSN307HV	LSN360HV
Outdoor Model #	LSU307HV	LSU360HV
Performance		
Capacity (BTUs)	C 30,000 H 32,000	C 33,100 H 35,200
EER	10.0	8.2
SEER	18.0	16.1
HSPF	9.5	9.9
Air Circulation (CFM H/M/L)	730/670/450	740/670/450
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	9.5	10.6
Indoor dB(A)*	48/44/39	49/44/39
Outdoor dB(A)*	55	55
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	230/208-60-1	230/208-60-1
Indoor Dimensions		
W x H x D (inches)	47 5/8 x 13 5/8 x 8 1/16	47 5/8 x 13 5/8 x 8 1/16
Weight (lbs.)	39.7	39.7
Outdoor Dimensions		
W x H x D (inches)	34 5/16 x 31 1/2 x 12 5/8	34 5/16 x 31 1/2 x 12 5/8
Weight (lbs.)	132.3	132.3
Thermostat Range		
Cooling / Heating (°F)	64-86 /60-86	64-86 /60-86

*LG verified sound ratings

Warranty: 2 years parts; 5 years compressor.

See page 24 for electrical specifications, refrigerant line requirements & formulas. See page 25 for installation materials.



MINI-SPLIT STANDARD SINGLE ZONE • INVERTER

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications									
Zone	Type		System Model	BTUs	Voltage		Rated Amps	MCA*	MOP**
					Indoor	Outdoor			
Standard Single-Zone	A/C	C	LS093CE	8,900	36V DC	115	10.5	8.6	15
	A/C	C	LS122CE	11,500	36V DC	115	10.5	14.3	20
	A/C	C	LS186CE	17,800	36V DC	230/208	10.4	14.2	20
Standard Single-Zone	H/P	C H	LS093HE	9,800	36V DC	115	10.5/10.5	14.3	20
	H/P	C H	LS122HE	11,500	36V DC	115	10.5/10.5	14.3	20
	H/P	C H	LS186HE	17,800	36V DC	230/208	10.4/10.4	14.2	20
Standard Single-Zone Inverter	H/P	C H	LS246HV	24,400	230/208	230/208	14.0/12.5	16.7	25
	H/P	C H	LS307HV	30,000	230/208	230/208	17.8/17.8	16.8	25
	H/P	C H	LS360HV	33,100	230/208	230/208	17.8/17.8	16.8	25

All equipment single phase.

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

*Minimum Circuit Ampacity

**Maximum Overcurrent Protection

***For LS186HE

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†									
Zone	Type		System Model	BTUs	Pipe Size		Additional Refrigerant	Max. length each pipe	Max. elevation
					Liquid	Suction			
Standard Single-Zone	A/C	C	LS093CE	8,900	1/4"	3/8"	0.22 oz./ft.	49'	23'
	A/C	C	LS122CE	11,500	1/4"	1/2"	0.22 oz./ft.	49'	23'
	A/C	C	LS186CE	17,800	1/4"	1/2"	0.22 oz./ft.	66'	23'
Standard Single-Zone	H/P	C H	LS093HE	9,800	1/4"	1/2"	0.22 oz./ft.	49'	23'
	H/P	C H	LS122HE	11,500	1/4"	1/2"	0.22 oz./ft.	49'	23'
	H/P	C H	LS186HE	17,800	1/4"	1/2"	0.22 oz./ft.	66'	23'
Standard Single-Zone Inverter	H/P	C H	LS246HV	24,400	3/8"	5/8"	0.32 oz./ft.	98'	49'
	H/P	C H	LS307HV	30,000	3/8"	5/8"	0.38 oz./ft.	98'	49'
	H/P	C H	LS360HV	33,100	3/8"	5/8"	0.38 oz./ft.	98'	49'

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

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

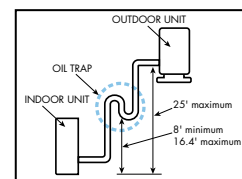


Figure A.

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

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...**

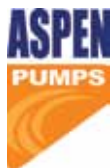
- Mounting screws and anchors (wall mount and ceiling cassette)
- Optional condensate pump (interior wall installation only)
- Condensate drain tubing
- Hose clamps
- Refrigerant line
- Correct electrical wire to connect indoor and outdoor units based on the LG model chosen (see electrical specifications) 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 Voltage Condensate Pump
24V Condensate Pumps available from
Aspen Pumps by calling 732-248-8066*



Wireless Energy Management
Digital Wall Thermostat for
Duct-Free Systems
Part #DFSWLWT0A
Applicable to 36V DC indoor
models(Single Zone) only



Wired Wall Thermostat for
Duct-Free Systems
Part # PQRCVSL0(QW)
Applicable to LS307HV,
LS360HV and LxxxxHSV
models only

*LG is not responsible for improper installation.

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.



Single Zone Split Systems
Floor Standing



Single Zone Split Systems
Ceiling Cassette



DUCT-FREE • FLOOR STANDING SINGLE ZONE

24,000 BTUs

LF246HV (H/P Model)

- C** 23,000 BTUs Cooling
- H** 25,000 BTUs Heating



42,000 BTUs

LF426HV (H/P Model)

- C** 41,000 BTUs Cooling
- H** 41,000 BTUs Heating



FEATURES:

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

- Built-in low ambient standard, down to 14°F (Cooling Mode)
- Evaporator frost control
- 7-Hour on/off timer
- Auto restart
- Auto Changeover
- 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

Indoor Model #

LF246HV

LFN246HV

LF426HV

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	230/208-60-1	230/208-60-1
Power Input (Cooling/Heating)	2,500/2,550	4,670/4,630
Max Power Input	3,800	5,700

Indoor Dimensions

W x H x D (inch)	22 7/16 x 71 21/32 x 12 19/32	23 7/32 x 71 1/4 x 17 5/16
Weight (lbs.)	94.8	127.9

Outdoor Dimensions

W x H x D (inch)	34 1/4 x 31 13/16 x 12 5/8	37 13/32 x 54 11/32 x 12 31/32
Weight (lbs.)	132	227

Thermostat Range

Cooling (°F)	61-86	61-86
Heating (°F)	60-86	60-86

*LG verified sound ratings

DUCT-FREE • CEILING CASSETTE SINGLE ZONE

24,000 BTUs

LC246HV (H/P Model)

- C** 23,000 BTUs Cooling
- H** 25,000 BTUs Heating

* Cassette Grill sold separately
Model# : PT-UMC



PQRCVSL0 PQRCVSL0QW*



Inverter

*Optional Accessory

42,000 BTUs

LC426HV (H/P Model)

- C** 41,000 BTUs Cooling
- H** 41,000 BTUs Heating

* Cassette Grill sold separately
Model# : PT-UMC



PQRCVSL0 PQRCVSL0QW*



Inverter

*Optional Accessory

FEATURES:

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

- Built-in low ambient standard, down to 14°F (Cooling Mode)
- Fan mode
- Independent vane control
- 5 fan speeds
- Evaporator frost control
- 24-Hour on/off timer
- Auto restart
- Auto changeover
- Temperature display on remote
- Ultra-quiet turbo fan

- Gold Fin™ Anti-Corrosion

Interior Unit Includes:

- Ceiling unit
- Wired control & 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 (Fan/Cooling/Heating)	4/5/4	4/5/4
Dehumidification (pts/hr)	2.1	3.6
Indoor dB(A)*	39/37/34	46/44/40
Outdoor dB(A)*	55	58
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	230/208-60-1	230/208-60-1
Power Input (Cooling/Heating)	2,500/2,550	4,670/4,630
Max Power Input	3,800	5,700
Indoor Dimensions		
W x H x D (inch)	33 1/16 x 8 1/32 x 33 1/16	33 1/16 x 11 11/32 x 33 1/16
Weight (lbs.)	46.3	57.3
Outdoor Dimensions		
W x H x D (inch)	34 1/4 x 31 13/16 x 12 19/32	37 13/32 x 54 11/32 x 13
Weight (lbs.)	132	227
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 57 for electrical specifications, refrigerant line requirements & formulas. See page 25 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	 	LF246HV	24,000	230/208	230/208	13.1/16.1	17.6	25.0
	H/P	 	LF426HV	42,000	230/208	230/208	25.6/24.4	22.3	40.0
Ceiling Cassette	H/P	 	LC246HV	24,000	230/208	230/208	13.1/16.1	17.6	25.0
	H/P	 	LC426HV	42,000	230/208	230/208	25.6/24.4	22.3	40.0

All equipment single phase.

*Minimum Circuit Ampacity
**Maximum Overcurrent Protection

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

Refrigerant Line Specifications [†]									
	Type		System #	BTUs	Pipe size		Additional	Max. length	Max.
					Liquid	Suction	Refrigerant	each pipe	elevation
Floor Standing	H/P	 	LF246HV	24,000	3/8"	5/8"	0.38 oz./ft.	98'	66'
	H/P	 	LF426HV	42,000	3/8"	5/8"	0.43 oz./ft.	164'	98'
Ceiling Cassette	H/P	 	LC246HV	24,000	3/8"	5/8"	0.38 oz./ft.	98'	66'
	H/P	 	LC426HV	42,000	3/8"	5/8"	0.43 oz./ft.	164'	98'

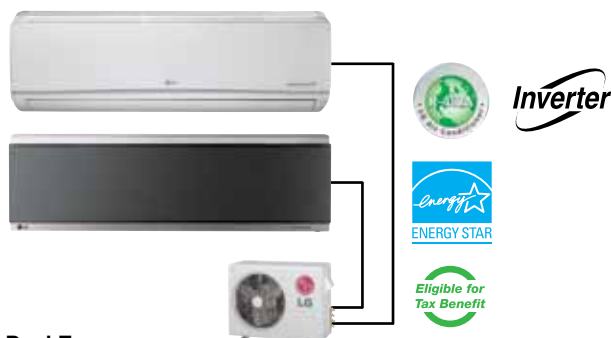
[†]Each system is pre-charged with enough refrigerant to charge 25 ft. of line and the interior unit.

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

Flex Multi-Split Systems

The 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)



Organic Cream White
PSAPECW10 (9, 12K)



Art Flower Gold
PSAPECF10 (9, 12K)



Snow Flower White
PSAPECT10 (9, 12K)



Flex Multi-Split Standard Indoor Unit



Flex Multi-Split Ceiling Cassette
& Ceiling Concealed Duct

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

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
LMU187HV



TRI-ZONE
LMU247HV



QUAD-ZONE
LMU369HV



OUTDOOR UNITS H/P INVERTER

18,000-34,000 BTUs

C H **LMU187HV**
Dual-Zone

C H **LMU247HV**
Tri-Zone

C H **LMU369HV**
Quad-Zone



DUAL-ZONE
LMU187HV



TRI-ZONE
LMU247HV



QUAD-ZONE
LMU369HV

FEATURES:

- Defrost /Deicing
- Restart delay (3-minutes)
- Self diagnosis
- Soft start
- Inverter (variable speed compressor)

- Auto operation (Artificial intelligence)
- Auto restart operation
- Low ambient operation to 14°F (Cooling Mode)
- Gold Fin™ Anti-Corrosion

Exterior Unit Includes:

- Exterior unit
- Sufficient refrigerant for charging 2, 3 or 4 indoor coils (Please see chart below for actual length amount included)

- Installation manual
- ETL# : 3091879

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

LMN096HVT (H/P Model)

LMN126HVT (H/P Model)

LMN186HVT (H/P Model)



Inverter



FEATURES:

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

Interior Unit Includes:

- Wall unit
- Installation plate & hardware
- Wireless LCD remote control, batteries, holder & holder hardware
- Owner's manual

- Wired thermostat available, Sold separately

ETL# : 3091879

Indoor Model H/P Inverter #	LMN096HVT	LMN126HVT	LMN186HVT
Performance			
Capacity* (BTU/h)	9,000 Class	12,000 Class	18,000 Class
Fan Air Flow Rate (CMM)	7.0/6.5/6.0	9.5/9.0/8.5	16.2/14.2/12.3
(H/M/L) (CFM)	247/230/212	336/318/300	572/502/434
Dehumidification Rate (pts/hr)	2.3	2.5	4.0
Sound Level H/M/L (dB(A)+3)	33/30/27	39/36/31	37/33/28
Electrical			
Running Current (A)	0.20	0.20	0.30
Power Supply (Ø/V/Hz)	1/208~230/60	1/208~230/60	1/208~230/60
Piping Connections			
Liquid (inches)	1/4	1/4	1/4
Gas (inches)	3/8	3/8	1/2
Temperature Sensor	Thermistor	Thermistor	Thermistor
Refrigerant	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 7/32x8 9/32	35 1/4x11 7/32x8 9/32	40 9/16x12 25/32x9 27/32
Decorative Panel (inches)	-	-	-
Net Weight Body (lbs)	24.5	24.5	37.5
Net Weight Decorative Panel (lbs)	-	-	-

Note :

- 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.

ART COOL • FLEX MULTI-SPLIT

9,000-18,000 BTUs

LMAN095HVT (H/P Model)

LMAN125HVT (H/P Model)

LMAN185HVT (H/P Model)



Inverter

FEATURES:

- | | | | |
|--|---|---|---|
| <ul style="list-style-type: none"> • Changeable front color panel option • Inverter (variable speed fan) • Chaos Swing • Jet Cool • Self-cleaning indoor coil | <ul style="list-style-type: none"> • Auto operation (Artificial Intelligence) • Auto restart operation • 24-Hour on/off timer • Plasma air purifying system | Interior Unit Includes: <ul style="list-style-type: none"> • Wall unit • Installation plate & hardware • Wireless LCD remote control, batteries, holder & holder hardware | <ul style="list-style-type: none"> • Owner's manual • Standard mirror panel • Wired thermostat available, Sold separately <p>ETL# : 3091879</p> |
|--|---|---|---|

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	12.6/11.5/10.0
(H/M/L) (CFM)	283/247/177	353/283/212	445/406/353
Dehumidification Rate (pts/hr)	2.5	3.2	4.2
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
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)	36 1/32x11 3/32x6 1/2	36 1/32x11 3/32x6 1/2	43 19/32x11 25/32x7 7/8
Decorative Panel (inches)	-	-	-
Net Weight Body (lbs)	20.9	20.9	31.1
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)



Inverter



FEATURES:

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

Interior Unit Includes:

- Ceiling unit
 - Wired remote control
 - Owner's manual
- 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	15.0/13.5/11.5
(H/M/L) (CFM)	300/265/230	335/300/265	530/477/406
Dehumidification Rate (pts/hr)	2.1	2.5	4.2
Sound Level H/M/L (dB(A)+3)	32/26/25	33/31/26	34/31/29
Electrical			
Running Current (A)	0.25	0.25	0.25
Power Supply (Ø/V/Hz)	1/208~230/60	1/208~230/60	1/208~230/60
Piping Connections			
Liquid (inches)	1/4	1/4	1/4
Gas (inches)	3/8	3/8	1/2
Temperature Sensor	Thermistor	Thermistor	Thermistor
Refrigerant	R410A	R410A	R410A
Power/Transmission Interunit Cable (No. x AWG)	4 x 18	4 x 18	4 x 18
Dimensions (WxHxD)			
Body (inches)	32 9/32x7 15/32x 22 5/8	32 9/32x7 15/32x 22 5/8	43 5/16x7 15/32x 22 5/8
Decorative Panel (inches)	-	-	-
Net Weight Body (lbs)	45.2	45.2	58.4
Net Weight Decorative Panel (lbs)	-	-	-

Note :

- 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.

Warranty: 2 years parts; 5 years compressor.

See page 33 for electrical specifications, refrigerant line requirements & formulas. See page 25 for installation materials.

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:

- | | | | |
|--|---|---|--|
| <ul style="list-style-type: none"> • Inverter (variable speed fan) • Drain pump • Jet Cool • Control lock function • Auto operation (Artificial Intelligence) • Auto restart operation | <ul style="list-style-type: none"> • 24-Hour on/off timer • 2 thermistor control • Plasma air purifying system | Interior Unit Includes: <ul style="list-style-type: none"> • Ceiling unit • Wireless LCD remote control, batteries, holder & holder hardware • Owner's manual | <ul style="list-style-type: none"> • Accessory <ul style="list-style-type: none"> - Model name : PT-UQC (Ceiling grill sold separately) - Model name : PTPKQ0 (Plasma kit sold separately) <p>ETL# : 3091879</p> |
|--|---|---|--|

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

Note :

1. Capacities are based on the following conditions:

Cooling: - Indoor Temperature 80°F (26.7°C) DB/67°F (19.4°C) WB

- Outdoor Temperature 95°F (35°C) DB/75°F (23.9°C) WB

Heating: - Indoor Temperature 70°F (21.1°C) DB/60°F (15.6°C) WB

- Outdoor Temperature 47°F (8.3°C) DB/43°F (6.1°C) WB

Piping Length: - Interconnecting Piping Length 24.6 ft.(7.5m)

- Level Difference of Zero

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

3. The specification may be subject to change without prior notice for purpose of improvement.

4. For more capacity(*) information, refer to the combination tables.

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

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications								
Zone	Type		Model	Voltage		Running Current	MCA*	MOP**
				Indoor	Outdoor			
Flex Multi-Split Indoor Units	H/P	Ⓜ	LMN096HVT	208/230	—	0.20	—	—
	H/P	Ⓜ	LMAN095HVT	208/230	—	0.15	—	—
	H/P	Ⓜ	LMDN095HV	208/230	—	0.25	—	—
	H/P	Ⓜ	LMN126HVT	208/230	—	0.20	—	—
	H/P	Ⓜ	LMAN125HVT	208/230	—	0.15	—	—
	H/P	Ⓜ	LMDN125HV	208/230	—	0.25	—	—
	H/P	Ⓜ	LMCN125HV	208/230	—	0.25	—	—
	H/P	Ⓜ	LMN186HVT	208/230	—	0.30	—	—
	H/P	Ⓜ	LMAN185HVT	208/230	—	0.15	—	—
	H/P	Ⓜ	LMDN185HV	208/230	—	0.25	—	—
	H/P	Ⓜ	LMCN185HV	208/230	—	0.25	—	—
Outdoor Units	H/P	Ⓜ	LMU187HV	—	208/230	—	11.0	15
	H/P	Ⓜ	LMU247HV	—	208/230	—	15.4	25
	H/P	Ⓜ	LMU369HV	—	208/230	—	16.8	25

All equipment are single phase.

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

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

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

MULTI-SPLIT SYSTEM

System	Combined With	Nominal Cooling Capacity	EER	SEER	Nominal Heating Capacity	COP	Low Heating Capacity	COP	HSPF	 
		Btu/h	95°F		Btu/h	47°F	Btu/h	17°F		
LMU187HV	Non-Ducted Indoor Unit	15,600	14.00	21.0	17,000	3.90	10,000	2.7	9.20	Yes
	Ducted Indoor Unit	14,800	11.90	17.7	16,800	3.80	9,900	2.6	8.80	
	Mixed Ducted & Non-Ducted	15,200	12.95	19.4	16,900	3.85	9,950	2.7	9.00	
LMU247HV	Non-Ducted Indoor Unit	19,200	13.40	21.7	26,400	3.50	16,500	2.6	9.40	Yes
	Ducted Indoor Unit	18,000	11.80	16.4	26,200	3.40	16,400	2.6	8.50	
	Mixed Ducted & Non-Ducted	18,600	12.60	19.1	26,300	3.45	16,450	2.6	8.95	
LMU369HV	Non-Ducted Indoor Unit	34,000	12.50	17.5	41,000	3.40	23,300	2.4	10.5	Yes
	Ducted Indoor Unit	34,000	12.00	16.5	41,000	3.20	25,300	2.6	9.5	
	Mixed Ducted & Non-Ducted	34,000	12.25	17.0	41,000	3.30	24,300	2.5	9.5	

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

※ Low Heating Capacity : Outdoor Temperature 17°F

Accessory

Wired Wall Thermostat for Flex-Multi Split System



PQRCVSL0



PQRCVSL0QW



PQRCVCL0Q



PQRCVCL0QW

PI485 V-net control integration accessory

Control integration to LG V-net controls

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

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

Model # : PMNFP14A0



FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

LMU187HV

Non Ducted Type Indoor Unit Cooling

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity			
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)
2 INDOOR UNITS	9	9	-	-	18	7,800	7,800	-	-
	9	12	-	-	21	6,686	8,914	-	-
	12	12	-	-	24	7,800	7,800	-	-

Heating

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity			
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)
2 INDOOR UNITS	9	9	-	-	18	8,500	8,500	-	-
	9	12	-	-	21	7,286	9,714	-	-
	12	12	-	-	24	8,500	8,500	-	-

Ducted Type Indoor Unit Cooling

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity			
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)
2 INDOOR UNITS	9	9	-	-	18	7,400	7,400	-	-
	9	12	-	-	21	6,343	8,457	-	-
	12	12	-	-	24	7,400	7,400	-	-

Heating

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity			
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)
2 INDOOR UNITS	9	9	-	-	18	8,400	8,400	-	-
	9	12	-	-	21	7,200	9,600	-	-
	12	12	-	-	24	8,400	8,400	-	-

	Total Capacity						Input(W)			Current(A)			EER	SEER
	Min		Middle		Max		Min	Middle	Max	Min	Middle	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	10,798	3.16	15,600	4.57	19,000	5.57	924	1,118	2,370	4.2	5.2	10.8	14.0	21.0
	10,798	3.16	15,600	4.57	19,000	5.57	924	1,118	2,370	4.2	5.2	10.8	14.0	21.0
	10,798	3.16	15,600	4.57	19,000	5.57	924	1,118	2,370	4.2	5.2	10.8	14.0	21.0

	Total Capacity						Input(W)			Current(A)			COP	HSPF
	Min		Middle		Max		Min	Middle	Max	Min	Middle	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	12,418	3.64	17,000	4.98	21,000	6.15	1,150	1,290	2,480	5.2	6.0	11.3	3.9	9.2
	12,418	3.64	17,000	4.98	21,000	6.15	1,150	1,290	2,480	5.2	6.0	11.3	3.9	9.2
	12,418	3.64	17,000	4.98	21,000	6.15	1,150	1,290	2,480	5.2	6.0	11.3	3.9	9.2

	Total Capacity						Input(W)			Current(A)			EER	SEER
	Min		Middle		Max		Min	Middle	Max	Min	Middle	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	10,798	3.16	14,800	4.34	19,000	5.57	945	1,244	2,370	4.3	5.7	10.8	11.9	17.7
	10,798	3.16	14,800	4.34	19,000	5.57	945	1,244	2,370	4.3	5.7	10.8	11.9	17.7
	10,798	3.16	14,800	4.34	19,000	5.57	945	1,244	2,370	4.3	5.7	10.8	11.9	17.7

	Total Capacity						Input(W)			Current(A)			COP	HSPF
	Min		Middle		Max		Min	Middle	Max	Min	Middle	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	12,418	3.64	16,800	4.92	21,000	6.15	1,170	1,306	2,480	5.3	5.9	11.3	3.8	8.8
	12,418	3.64	16,800	4.92	21,000	6.15	1,170	1,306	2,480	5.3	5.9	11.3	3.8	8.8
	12,418	3.64	16,800	4.92	21,000	6.15	1,170	1,306	2,480	5.3	5.9	11.3	3.8	8.8

FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

LMU247HV

Non Ducted Type Indoor Unit Cooling

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity			
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)
2 INDOOR UNITS	9	9	-	-	18	8,500	8,500	-	-
	9	12	-	-	21	7,586	10,114	-	-
	12	12	-	-	24	9,600	9,600	-	-
	9	18	-	-	27	6,400	12,800	-	-
	12	18	-	-	30	7,680	11,520	-	-
3 INDOOR UNITS	9	9	9	-	27	6,400	6,400	6,400	-
	9	9	12	-	30	5,760	5,760	5,760	-
	9	12	12	-	33	5,236	6,982	6,982	-

Heating

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity			
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)
2 INDOOR UNITS	9	9	-	-	18	10,120	10,120	-	-
	9	12	-	-	21	9,857	13,143	-	-
	12	12	-	-	24	13,200	13,200	-	-
	9	18	-	-	27	8,800	17,600	-	-
	12	18	-	-	30	10,560	15,840	-	-
3 INDOOR UNITS	9	9	9	-	27	8,800	8,800	8,800	-
	9	9	12	-	30	7,920	7,920	7,920	-
	9	12	12	-	33	7,200	9,600	9,600	-

Ducted Type Indoor Unit Cooling

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity			
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)
2 INDOOR UNITS	9	9	-	-	18	8,300	8,300	-	-
	9	12	-	-	21	7,286	9,714	-	-
	12	12	-	-	24	9,000	9,000	-	-
	9	18	-	-	27	6,000	12,000	-	-
	12	18	-	-	30	7,200	10,800	-	-
3 INDOOR UNITS	9	9	9	-	27	6,000	6,000	6,000	-
	9	9	12	-	30	5,000	5,400	5,400	-
	9	12	12	-	33	4,909	6,545	6,545	-

	Total Capacity						Input(W)			Current(A)			EER	SEER
	Min		Middle		Max		Min	Middle	Max	Min	Middle	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	10,798	3.16	17,000	4.98	19,800	5.80	1,002	1,349	2,560	4.6	6.1	11.6	12.6	19.0
	11,100	3.25	17,700	5.19	23,100	6.77	1,044	1,383	2,830	4.7	6.3	12.9	12.8	19.0
	11,400	3.34	19,200	5.63	25,500	7.47	1,194	1,469	3,090	5.4	6.7	14.0	13.1	19.0
	11,400	3.34	19,200	5.63	27,500	8.06	1,284	1,469	3,090	5.8	6.7	14.0	13.1	19.0
	11,400	3.34	19,200	5.63	27,500	8.06	1,284	1,469	3,090	5.8	6.7	14.0	13.1	19.0
	11,700	3.43	19,200	5.63	28,800	8.44	1,200	1,431	3,050	5.5	6.6	13.9	13.4	21.7
	11,700	3.43	19,200	5.63	28,800	8.44	1,200	1,431	3,050	5.5	6.6	13.9	13.4	21.7
	11,700	3.43	19,200	5.63	28,800	8.44	1,200	1,431	3,050	5.5	6.6	13.9	13.4	21.7

	Total Capacity						Input(W)			Current(A)			COP	HSPF
	Min		Middle		Max		Min	Middle	Max	Min	Middle	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	12,418	3.64	20,240	5.93	23,700	6.95	1,200	1,951	2,660	5.5	8.9	12.1	3.0	7.7
	12,765	3.74	23,000	6.74	27,700	8.12	1,260	2,174	3,010	5.7	9.9	13.7	3.1	7.7
	16,200	4.75	26,400	7.74	29,040	8.51	1,368	2,320	3,100	6.2	10.5	14.1	3.3	8.2
	16,200	4.75	26,400	7.74	31,500	9.23	1,428	2,320	3,100	6.5	10.5	14.1	3.3	8.2
	16,200	4.75	26,400	7.74	31,500	9.23	1,428	2,320	3,100	6.5	10.5	14.1	3.3	8.2
	16,200	4.75	26,400	7.74	32,000	9.38	1,308	2,207	3,090	5.9	10.2	14.0	3.5	9.4
	16,200	4.75	26,400	7.74	32,000	9.38	1,308	2,207	3,090	5.9	10.2	14.0	3.5	9.4
	16,200	4.75	26,400	7.74	32,000	9.38	1,308	2,207	3,090	5.9	10.2	14.0	3.5	9.4

	Total Capacity						Input(W)			Current(A)			EER	SEER
	Min		Middle		Max		Min	Middle	Max	Min	Middle	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	10,798	3.16	16,600	4.87	19,800	5.80	1,042	1,495	2,560	4.7	6.8	11.6	11.1	14.4
	12,000	3.52	17,000	4.98	23,100	6.77	1,084	1,504	2,830	4.9	6.8	12.9	11.3	14.4
	12,300	3.60	18,000	5.28	25,500	7.47	1,234	1,565	3,090	5.6	7.1	14.0	11.5	14.4
	12,300	3.60	18,000	5.28	27,500	8.06	1,324	1,565	3,090	6.0	7.1	14.0	11.5	14.4
	12,300	3.60	18,000	5.28	27,500	8.06	1,324	1,565	3,090	6.0	7.1	14.0	11.5	14.4
	12,300	3.60	18,000	5.28	28,800	8.44	1,260	1,525	3,050	5.7	6.9	13.9	11.8	16.4
	12,300	3.60	18,000	5.28	28,800	8.44	1,260	1,525	3,050	5.7	6.9	13.9	11.8	16.4
	12,300	3.60	18,000	5.28	28,800	8.44	1,260	1,525	3,050	5.7	6.9	13.9	11.8	16.4

FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

Ducted Type Indoor Unit *continued* Heating

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity			
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)
2 INDOOR UNITS	9	9	-	-	18	10,000	10,000	-	-
	9	12	-	-	21	9,771	13,029	-	-
	12	12	-	-	24	13,100	13,100	-	-
	9	18	-	-	27	8,733	17,467	-	-
	12	18	-	-	30	10,480	15,720	-	-
3 INDOOR UNITS	9	9	9	-	27	8,733	8,733	8,733	-
	9	9	12	-	30	7,860	7,860	7,860	-
	9	12	12	-	33	7,145	9,527	9,527	-

LMU369HV

Non Ducted Type Indoor Unit Cooling

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity			
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)
2 INDOOR UNITS	9	9	-	-	18	9,000	9,000	-	-
	9	12	-	-	21	9,000	12,000	-	-
	12	12	-	-	24	12,000	12,000	-	-
	9	18	-	-	27	9,000	18,000	-	-
	12	18	-	-	30	11,600	17,400	-	-
3 INDOOR UNITS	18	18	-	-	36	18,000	18,000	-	-
	9	9	9	-	27	9,000	9,000	9,000	-
	9	9	12	-	30	9,000	9,000	12,000	-
	9	12	12	-	33	9,000	12,000	12,000	-
	12	12	12	-	36	11,333	11,333	11,333	-
	9	9	18	-	36	8,500	8,500	17,000	-
	9	12	18	-	39	7,846	10,462	15,692	-
	12	12	18	-	42	9,714	9,714	14,571	-
	9	18	18	-	45	6,800	13,600	13,600	-
	12	18	18	-	48	8,500	12,750	12,750	-
4 INDOOR UNITS	9	9	9	9	36	8,500	8,500	8,500	8,500
	9	9	9	12	39	7,846	7,846	7,846	10,462
	9	9	12	12	42	7,286	7,286	9,714	9,714
	9	12	12	12	45	6,800	9,067	9,067	9,067
	9	9	9	18	45	6,800	6,800	6,800	13,600
	12	12	12	12	48	8,500	8,500	8,500	8,500

	Total Capacity						Input(W)			Current(A)			COP	HSPF
	Min		Middle		Max									
	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
	12,418	3.64	20,000	5.86	23,700	6.95	1,240	1,967	2,660	5.6	8.9	12.1	3.0	7.9
	13,800	4.04	22,800	6.68	27,700	8.12	1,300	2,191	3,010	5.9	10.0	13.7	3.0	7.9
	16,500	4.84	26,200	7.68	29,040	8.51	1,408	2,327	3,100	6.4	10.6	14.1	3.3	8.1
	16,500	4.84	26,200	7.68	31,500	9.23	1,468	2,327	3,100	6.7	10.6	14.1	3.3	8.1
	16,500	4.84	26,200	7.68	31,500	9.23	1,468	2,327	3,100	6.7	10.6	14.1	3.3	8.1
	16,500	4.84	26,200	7.68	32,000	9.38	1,368	2,226	3,090	6.2	10.3	14.0	3.4	8.5
	16,500	4.84	26,200	7.68	32,000	9.38	1,368	2,226	3,090	6.2	10.3	14.0	3.4	8.5
	16,500	4.84	26,200	7.68	32,000	9.38	1,368	2,226	3,090	6.2	10.3	14.0	3.4	8.5

	Total Capacity						Input(W)			Current(A)			EER	SEER
	Min		Middle		Max		Min	Middle	Max	Min	Middle	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	10,798	3.2	18,000	5.3	19,800	5.8	1,140	1,900	2,586	5.0	8.3	11.3	9.5	13.5
	12,597	3.7	21,000	6.2	23,100	6.8	1,266	2,110	2,872	5.5	9.2	12.5	10.0	14.1
	14,397	4.2	24,000	7.0	26,400	7.7	1,392	2,320	3,158	6.1	10.1	13.8	10.3	14.7
	16,197	4.7	27,000	7.9	29,700	8.7	1,452	2,420	3,294	6.3	10.6	14.4	11.2	15.8
	17,397	5.1	29,000	8.5	32,000	9.4	1,560	2,600	3,539	6.8	11.3	15.4	11.2	15.8
	21,596	6.3	36,000	10.5	39,600	11.6	1,728	2,880	3,920	7.5	12.6	17.1	12.5	17.8
	16,197	4.7	27,000	7.9	29,700	8.7	1,452	2,420	3,294	6.3	10.6	14.4	11.2	15.8
	17,996	5.3	30,000	8.8	33,000	9.7	1,560	2,600	3,539	6.8	11.3	15.4	11.5	16.4
	19,796	5.8	33,000	9.7	36,300	10.6	1,644	2,740	3,729	7.2	11.9	16.3	12.0	17.1
	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5

FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

LMU369HV

Non Ducted Type Indoor Unit
Heating

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

	Total Capacity						Input(W)			Current(A)			COP	HSPF
	Min		Middle		Max		Min	Middle	Max	Min	Middle	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	12,418	3.6	20,700	6.1	22,770	6.7	1,248	2,080	2,416	5.4	9.1	10.5	2.9	9.3
	14,487	4.2	24,150	7.1	26,510	7.8	1,524	2,540	2,950	6.6	11.1	12.9	2.8	8.9
	16,557	4.9	27,600	8.1	30,360	8.9	1,554	2,590	3,008	6.8	11.3	13.1	3.1	10.0
	18,626	5.5	31,050	9.1	33,000	9.7	1,740	2,900	3,368	7.6	12.6	14.7	3.1	10.0
	20,696	6.1	34,500	10.1	36,300	10.6	1,932	3,220	3,740	8.4	14.0	16.3	3.1	10.0
	22,795	6.7	38,000	11.1	37,400	11.0	2,118	3,530	4,100	9.2	15.4	17.9	3.2	10.1
	18,626	5.5	31,050	9.1	34,100	10.0	1,740	2,900	3,368	7.6	12.6	14.7	3.1	10.0
	20,696	6.1	34,500	10.1	37,400	11.0	1,932	3,220	3,740	8.4	14.0	16.3	3.1	10.0
	22,765	6.7	37,950	11.1	38,500	11.3	2,040	3,400	3,949	8.9	14.8	17.2	3.3	10.4
	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5

FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

LMU369HV

Ducted Type Indoor Unit
Cooling

INDOOR UNIT	Combination of Indoor Unit (kBTU/h Class)					Room Capacity			
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (BTU/h)	UNIT-B (BTU/h)	UNIT-C (BTU/h)	UNIT-D (BTU/h)
2 INDOOR UNITS	9	9	-	-	18	9,000	9,000	-	-
	9	12	-	-	21	9,000	12,000	-	-
	12	12	-	-	24	12,000	12,000	-	-
	9	18	-	-	27	9,000	18,000	-	-
	12	18	-	-	30	11,600	17,400	-	-
	18	18	-	-	36	16,500	16,500	-	-
3 INDOOR UNITS	9	9	9	-	27	9,000	9,000	9,000	-
	9	9	12	-	30	9,000	9,000	12,000	-
	9	12	12	-	33	9,000	12,000	12,000	-
	12	12	12	-	36	11,333	11,333	11,333	-
	9	9	18	-	36	8,500	8,500	17,000	-
	9	12	18	-	39	7,846	10,462	15,692	-
	12	12	18	-	42	9,714	9,714	14,571	-
	9	18	18	-	45	6,800	13,600	13,600	-
	12	18	18	-	48	8,500	12,750	12,750	-
4 INDOOR UNITS	9	9	9	9	36	8,500	8,500	8,500	8,500
	9	9	9	12	39	7,846	7,846	7,846	10,462
	9	9	12	12	42	7,286	7,286	9,714	9,714
	9	12	12	12	45	6,800	9,067	9,067	9,067
	9	9	9	18	45	6,800	6,800	6,800	13,600
	12	12	12	12	48	8,500	8,500	8,500	8,500

	Total Capacity						Input(W)			Current(A)			EER	SEER
	Min		Middle		Max		Min	Middle	Max	Min	Middle	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW								
	10,798	3.2	18,000	5.3	19,800	5.8	1,188	1,980	2,695	5.2	8.6	11.7	9.1	12.7
	12,597	3.7	21,000	6.2	23,100	6.8	1,320	2,200	2,995	5.8	9.6	13.1	9.5	13.4
	14,397	4.2	24,000	7.0	26,400	7.7	1,452	2,420	3,294	6.3	10.6	14.4	9.9	13.9
	16,197	4.7	27,000	7.9	29,700	8.7	1,518	2,530	3,443	6.6	11.0	15.0	10.7	14.9
	17,397	5.1	29,000	8.5	32,000	9.4	1,626	3,710	3,688	7.1	11.8	16.1	10.7	15.0
	19,796	5.8	33,000	9.7	35,000	10.3	1,800	3,000	4,083	7.8	13.1	17.8	11.0	15.4
	16,197	4.7	27,000	7.9	29,700	8.7	1,518	2,530	3,443	6.6	11.0	15.0	10.7	14.9
	17,996	5.1	30,000	8.8	33,000	9.7	1,626	3,710	3,688	7.1	11.8	16.1	11.1	15.5
	19,796	5.8	33,000	9.7	36,300	10.6	1,716	2,860	3,892	7.5	12.5	17.0	11.5	16.2
	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5
	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.5	16.9	12.0	16.5

FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

LMU369HV

Ducted Type Indoor Unit
Heating

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

	Total Capacity						Input(W)			Current(A)			COP	HSPF
	Min		Middle		Max		Min	Middle	Max	Min	Middle	Max		
	BTU/h	kW	BTU/h	kW	BTU/h	kW	Min	Middle	Max	Min	Middle	Max		
	12,418	3.6	20,700	6.1	22,770	6.7	1,302	2,170	2,520	5.7	9.5	11.0	2.8	8.5
	14,487	4.2	24,150	7.1	26,510	7.8	1,536	2,560	2,973	6.7	11.2	13.0	2.8	8.8
	16,557	4.9	27,600	8.1	30,360	8.9	1,614	2,690	3,124	7.0	11.7	13.6	3.0	9.0
	18,626	5.5	31,050	9.1	33,000	9.7	1,812	3,020	3,508	7.9	13.2	15.3	3.0	9.0
	20,696	6.1	34,500	10.1	36,300	10.6	2,010	3,350	3,891	8.8	14.6	17.0	3.0	9.0
	22,795	6.7	38,000	11.1	37,400	11.0	2,208	3,680	4,274	9.6	16.0	18.6	3.0	9.0
	18,626	5.5	31,050	9.1	34,100	10.0	1,812	3,020	3,508	7.9	13.2	15.3	3.0	9.0
	20,696	6.1	34,500	10.1	37,400	11.0	2,010	3,350	3,891	8.8	14.6	17.0	3.0	9.0
	22,765	6.7	37,950	11.1	38,500	11.3	2,130	3,550	4,123	9.3	15.5	18.0	3.1	9.2
	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5
	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	9.5



LG

Life's Good

INNOVATIVE COMFORT SOLUTIONS

PACKAGED TERMINAL AIR CONDITIONERS

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

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



7,000-15,000 BTUs



Digital Control Panel



Wireless Environmental Control Manager (ECM)



PACKAGED TERMINAL AIR CONDITIONERS

PTAC Features & Benefits



R 410A Refrigerant

Ozone-Friendly
Refrigerant utilized in the
majority of LG systems



Digital Control Display Includes:

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

Ventilation Filter

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

Separate Indoor & Outdoor Motors*

Dual motor configuration allows
the lowest sound rating in the
industry while also promoting
the highest level of energy
efficiency for LG.



Emergency Heat

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

Freeze Room Protection

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

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



PACKAGED TERMINAL AIR CONDITIONERS

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.

LG Environmental Control Manager (ECM)

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



Wireless PTAC Control Card

- Snaps directly to PTAC Control Board



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.



Ceramic Heater

Even, stable and safe heating platform.

*230V 2.5 & 3.5kW only



Dip Switch setting

Saves money by control the Lowest & Highest temperature

Power Cord

Included (contact your local LG rep for confirmation)

PACKAGED TERMINAL AIR CONDITIONERS

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

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

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



FEATURES:

- Gold Fin™ anti-corrosion treatment
- Cooling mode
- Heating mode
- Fan mode
- Energy saver mode
- Auto restart
- Digital temperature control
- Front desk control connection
- Dip switch settings
- Evaporator frost control
- Temperature display on unit
- Freeze room protection
- Pressure control
- Ceramic heater(2.5&3.5kW only)

System Includes:

- Wall unit
- Installation manual
- UL# : SA13362

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

*LG verified sound rating

**Adjustable by temperature limiting with DIP switches on the unit

1-year full system warranty, parts and labor. Warranty on unit for years 2-5: parts only, exclusive of the refrigeration system.
Warranty on sealed refrigeration system: 5 year, parts and labor. See pages 63-65 for parts and accessories.



PACKAGED TERMINAL AIR CONDITIONERS

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

- C** **LP076CD2(3)A** (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
LP156CD3(5)A (H/C Model)
14,000 BTUs Cooling & Heating

- C** **H** **LP076HD2(3)A** (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
LP156HD3(5)A (Heat Pump Model)
14,700 BTUs Cooling & Heating

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



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 #	LP076CD2A	LP096CD3A	LP126CD3A	LP156CD3A	LP076HD2A	LP096HD3A	LP126HD3A	LP156HD3A
	LP076CD3A			LP156CD5A	LP076HD3A			LP156HD5A
Control Type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Performance								
Capacity (BTUs)	C 7,200 H	9,000	11,800	14,000	7,300 6,100	9,100 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)	255/225	290/260	399/369	399/369	275/245	310/280	388/358	388/358
Fan Speeds (Cooling/Heating/Fan)	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2
Dehumidification (pts/hr)	1.5 (LP076CD2A) 2.0 (LP076CD3A)	2.6	3.5	3.8 (LP156CD3A) 4.4 (LP156CD5A)	1.5 (LP076HD2A) 2.0 (LP076HD3A)	2.6	3.5	4.1 (LP156HD3A) 4.6 (LP156HD5A)
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 (LP076CD2A) 3.7 (LP076CD3A)	3.7	3.7	3.7 (LP156CD3A) 5 (LP156CD5A)	2.0 (LP076HD2A) 3.7 (LP076HD3A)	3.5	3.5	3.5 (LP156HD3A) 5 (LP156HD5A)
Circuit Breaker (A)	15 (LP076CD2A) 20 (LP076CD3A)	20	20	20 (LP156CD3A) 30 (LP156CD5A)	15 (LP076HD2A) 20 (LP076HD3A)	20	20	20 (LP156HD3A) 30 (LP156HD5A)
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.)	93.0	103.8	103.8	108.2	97.9	107.4	107.4	116
Thermostat Range								
Cooling/Heating (°F)**	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86

*LG verified sound rating

**Adjustable by temperature limiting with DIP switches on the unit



1-year full system warranty, parts and labor. Warranty on unit for years 2-5: parts only, exclusive of the refrigeration system. Warranty on sealed refrigeration system: 5 year, parts and labor. See pages 63-65 for parts and accessories.

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

- 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*

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



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	Digital Wired Wall Thermostat	PYRCUCA0A	Lateral Duct Kit	AYLD1A
Architecture Grille - Dark Bronze	AYAGALB01A	EMS/Front Desk		Leveling Legs	AYLL101
Architecture Grille - Soft Dove	AYAGALC01A	Control Connection Kit	AYFD101	Control Panel Key Lock	AYCP101
Air Splitter	AYSP101	PTAC Programmer	AYNUU0A	Built-in Control Cover Kit - 10 Pack	AYRE110
		Sub Base 20A 230/208V	AYSB1101A	Replacement Filter - 10 Pack	AYFT110
		Sub Base 30A 230/208V	AYSB2101A		
		Sub Base 20A 265V (Plug Type)	AYSB3101A		
		Sub Base 30A 265V (Plug Type)	AYSB4101A		
		Sub Base 20A 265V (no plug type)	AYSB3102A		
		Sub Base 30A 265V (no plug type)	AYSB4102A		
		Hard Wire Kit	AYHW101		
		* Sub Base assembly is mandatory for models rated voltage 265 . (UL standard)			



42" Wall Sleeve
AYSVB01A



42" Stamped Aluminum Grille
AYRGALA01



Architecture Grille - Aluminum
AYAGALA01A



Architecture Grille - Dark Bronze
AYAGALB01A



Architecture Grille - Soft Dove
AYAGALC01A



PTAC Programmer
AYNUU0A



Digital Wired Wall Thermostat
PYRCUCA0A
For technical support & quality issue,
please call 215-795-2225



EMS/Front Desk Control Connection Kit
AYFD101



Wireless Environmental Control Manager (ECM)
with Occupancy Sensor PYRCUCC1HA
For technical support & quality issue, please call
541-344-4448, press #2



Hardwire Kit
AYHW101



Condensate Disposal Kit
AYCD2101



Condensate Drain Kit
AYDR101

PACKAGED TERMINAL AIR CONDITIONERS

PARTS & ACCESSORIES



Lateral Duct Kit
AYLD1A



Leveling Legs
AYLL101

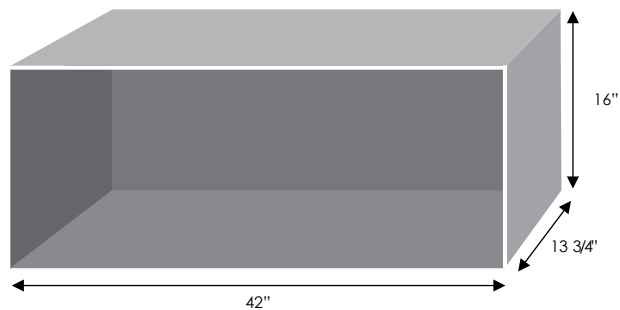
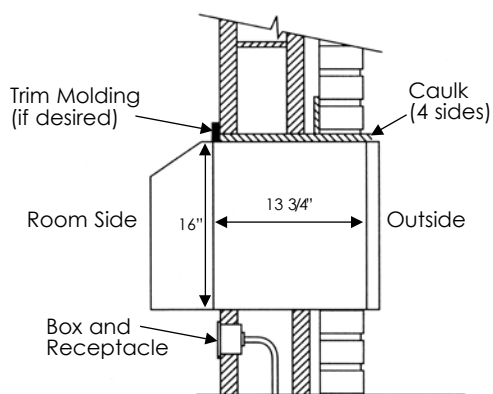


Control Panel Key Lock
AYCP101



Replacement Filter 10-Pack
AYFT110

Installation • Quick Reference



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	Yes		Yes			
Air Circulation (CFM H/L)	260/220	285/225	285/225	290/230	290/230	310/250
Fan Speeds (Cooling/Fan)	3/3	3/3	3/3	3/3	3/3	3/3
Dehumidification (pts/hr)	2.2	3.2	3.2	3.8	3.8	4.0
Indoor dB(A)*	49/46	51/48	51/48	52/49	52/49	53/50
Outdoor dB(A)*	59	60	60	61	61	62
Electrical						
Rated Voltage	115-60-1	115-60-1	230/208-60-1	115-60-1	230/208-60-1	230/208-60-1
Circuit Breaker (A)	15	20	15	20	15	15
Dimensions						
W x H x D (inches)	24 x 14 13/32 x 20 3/32	24 x 14 13/32 x 20 3/32	24 x 14 13/32 x 20 3/32	24 x 14 13/32 x 20 3/32	24 x 14 13/32 x 20 3/32	24 x 14 13/32 x 20 3/32
Weight (lbs.)	73.0	78.0	78.0	80.0	80.0	87.0
Thermostat Range						
Cooling (°F)	60-86	60-86	60-86	60-86	60-86	60-86

*LG verified sound rating

THROUGH-THE-WALL AIR CONDITIONERS

10,000-12,000 BTUs

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

*LG verified sound rating

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 # Performance

	LW7010HR	LW1210HR	LW1810HR	LW2410HR
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)	15	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
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*LG verified sound rating



LG Electronics, Air Conditioning Division
1000 Sylvan Ave., Englewood Cliffs, NJ 07632

LG Electronics, Training Center
11405 Old Roswell Road, Alpharetta, GA 30004

For technical support on a DFS and PTAC TTW Product call 888-865-3026, press 2.
For general information call your local LG Sales Representative,
or email us at lghvac@lge.com