

ENGINEERING AND SPECIFICATIONS GUIDE



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



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

For technical support on a DFS and PTAC TTW Product call 888-865-3026, press 2.
 For general information call your local LG Sales Representative.
www.lgusa.com

ESG-2008-V1



INNOVATIVE COMFORT SOLUTIONS

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



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



9,800 and 11,500 BTUs
Cooling and Heat Pump



9,000-24,000 BTUs
Heat Pump Inverter *Inverter*

FLOOR STANDING AND CEILING CASSETTE, SINGLE ZONE



24,000 BTUs
Cooling



44,000 BTUs
Cooling



24,000 and 34,000 BTUs
Cooling

MINI-SPLIT STANDARD, SINGLE ZONE



9,000-24,000 BTUs
Cooling and Heat Pump



30,000 BTUs
Heat Pump Inverter *Inverter*

THROUGH-THE-WALL



8,000-14,000 BTUs
Cooling
10,000-12,000 BTUs
Heat/Cool

PACKAGED TERMINAL AIR CONDITIONERS



7,000-15,000 BTUs
Heat/Cool
7,000-15,000 BTUs
Heat Pump

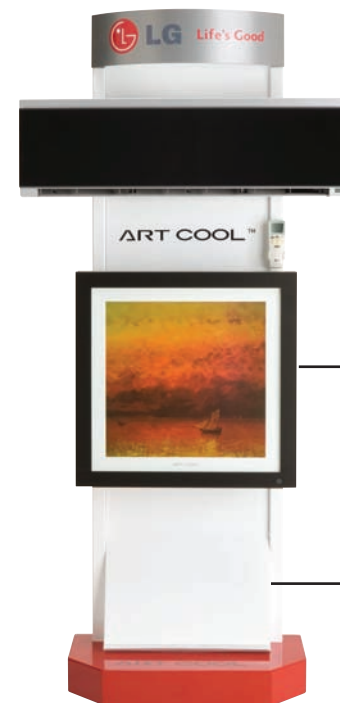
FLEX MULTI-SPLIT, DUAL-ZONE & TRI-ZONE



Dual-Zone: Mix and match for 18,000 or 24,000 BTUs
Tri-Zone: Mix and match for 36,000 BTUs
Cooling and Heat Pump



ART COOL DISPLAY RACK

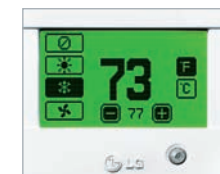


Mirror Type
Display Model
(model#: ASMC122ERH0)

Picture Type
Display Model
(model#: ASMC123F2G0)

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

WIRELESS WALL THERMOSTAT



Wireless Wall
Thermostat for
Duct Free Systems
and PTACs

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 have efficiency ratings up to 12.5 EER, 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 compliment any décor. The Art Cool Customizable Art Panel works like a picture frame—any art or photograph can be displayed. Other Art Cool units come in a variety of beautiful colors and finishes to suit any room.

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

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

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



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

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

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

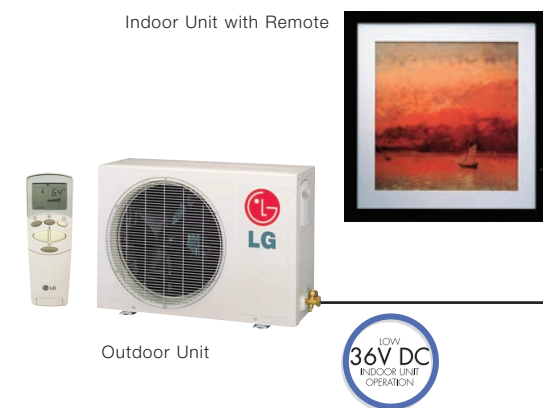
ART COOL™

ART COOL MINI-SPLIT SINGLE ZONE

Customized good looks

The slim, contemporary styling of the Art Cool models will appeal to today's discerning customer. The 9,000 and 12,000 BTU picture models come with a frame that allows the customer to modify and personalize the unit with their own artwork or photography—the ultimate in custom design. Other Art Cool indoor units are available in popular finishes and colors to compliment any décor.

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



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

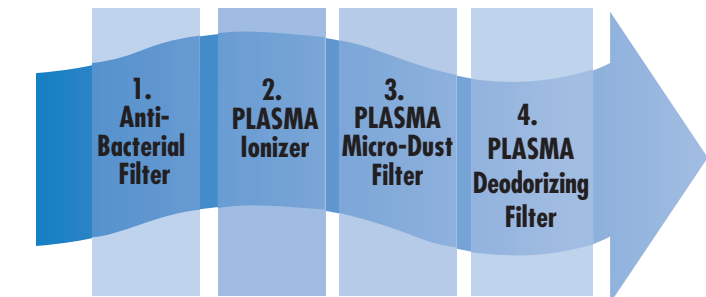
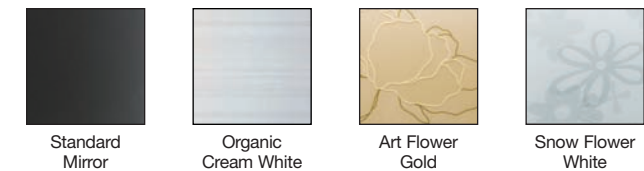
Available styles and finishes



Mini-Split Art Cool Indoor Unit Customizable Picture Art Panel



Mini-Split Art Cool Inverter Indoor Unit Mirror Finish



Outstanding air purification

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

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

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

9,000 BTUs

LA091CNP (A/C Model)

● 9,800 BTUs **Cooling**

LA091HNP (H/P Model)

● 9,800 BTUs **Cooling**

● 9,800 BTUs **Heating**



FEATURES:

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

System Model #	LA091CNP	LA091HNP
Indoor Model #	LAN091CNP	LAN091HNP
Outdoor Model #	LAU091CNP	LAU091HNP
Performance		
Capacity (BTUs)	● 9,800	● 9,800 ● 9,800
SEER	13	13
Air Circulation (CFM H/M/L)	330/261/194	330/261/194
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hour)	3.0	3.0
Indoor dB(A)*	41/35/29	41/35/29
Outdoor dB(A)*	48	48
Electrical		
Rated Voltage Outdoor	115-60-1	115-60-1
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions		
W x H x D (inches)	23 5/8 x 5 3/4	23 5/8 x 5 3/4
Weight (lbs.)	33.1	33.1
Outdoor Dimensions		
W x H x D (inches)	30 5/16 x 9 5/8	30 5/16 x 9 5/8
Weight (lbs.)	70.5	70.5
Thermostat Range		
Cooling / Heating (°F)	64-86	64-86/60-86

*LG verified sound ratings.

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

12,000 BTUs

LA121CNP (A/C Model)

● 11,500 BTUs **Cooling**

LA121HNP (H/P Model)

● 11,500 BTUs **Cooling**

● 11,500 BTUs **Heating**



FEATURES:

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

System Model #	LA121CNP	LA121HNP
Indoor Model #	LAN121CNP	LAN121HNP
Outdoor Model #	LAU121CNP	LAU121HNP
Performance		
Capacity (BTUs)	● 11,500	● 11,500 ● 11,500
SEER	13	13
Air Circulation (CFM H/M/L)	330/261/194	330/261/194
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hour)	3.0	3.0
Indoor dB(A)*	41/35/29	41/35/29
Outdoor dB(A)*	48	48
Electrical		
Rated Voltage Outdoor	115-60-1	115-60-1
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions		
W x H x D (inches)	23 5/8 x 5 3/4	23 5/8 x 5 3/4
Weight (lbs.)	33.1	33.1
Outdoor Dimensions		
W x H x D (inches)	30 5/16 x 9 5/8	30 5/16 x 9 5/8
Weight (lbs.)	70.5	70.5
Thermostat Range		
Cooling / Heating (°F)	64-86	64-86/60-86

*LG verified sound ratings.

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

9,000 BTUs

- LA095HV (H/P Model)**
C 9,200 BTUs Cooling
H 12,000 BTUs Heating



Standard Mirror
PSAPECR10



Organic Cream White
PSAPECW10



Art Flower Gold
PSAPECF10



Snow Flower White
PSAPECT10



FEATURES:

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

Interior Unit Includes:

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

Exterior Unit Includes:

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

System Model # LA095HV

Indoor Model # LAN095HV

Outdoor Model # LAU095HV

Performance

Capacity (BTUs) **C** 9,200/8,900
H 12,000/11,700

SEER 19.7/19.1

Air Circulation (CFM H/M/L) 230/180/140

Fan Speeds 5/Auto/Chaos

Dehumidification (pts/hr) 2.6

Indoor dB(A)* 38/35/32

Outdoor dB(A)* 48

Electrical

Rated Voltage Outdoor 230/208-60-1

Rated Voltage Indoor 230/208-60-1

Indoor Dimensions 35 3/16 x

W x H x D (inches) 11 1/8 x

6 1/2

Weight (lbs.) 23.1

Outdoor Dimensions 30 5/16 x

W x H x D (inches) 21 5/16 x

9 5/8

Weight (lbs.) 83.8

Thermostat Range

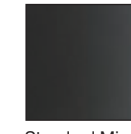
Cooling / Heating (°F) 64-86/60-86

*LG verified sound ratings.

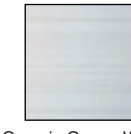
HIGH WALL DUCT-FREE • ART COOL MINI-SPLIT SINGLE ZONE • INVERTER

12,000 BTUs

- LA125HV (H/P Model)**
C 12,000 BTUs Cooling
H 15,500 BTUs Heating



Standard Mirror
PSAPECR10



Organic Cream White
PSAPECW10



Art Flower Gold
PSAPECF10



Snow Flower White
PSAPECT10



FEATURES:

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

Exterior Unit Includes:

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

System Model # LA125HV

Indoor Model # LAN125HV

Outdoor Model # LAU125HV

Performance

Capacity (BTUs) **C** 12,000/11,700
H 15,500/15,200

SEER 18.7/18.2

Air Circulation (CFM H/M/L) 260/180/140

Fan Speeds 5/Auto/Chaos

Dehumidification (pts/hr) 3.0

Indoor dB(A)* 41/35/32

Outdoor dB(A)* 48

Electrical

Rated Voltage Outdoor 230/208-60-1

Rated Voltage Indoor 230/208-60-1

Indoor Dimensions 35 3/16 x

W x H x D (inches) 11 1/8 x

6 1/2

Weight (lbs.) 23.1

Outdoor Dimensions 30 5/16 x

W x H x D (inches) 21 5/16 x

9 5/8

Weight (lbs.) 83.8

Thermostat Range

Cooling / Heating (°F) 64-86/60-86

*LG verified sound ratings.

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

18,000 BTUs

LA185HV (H/P Model)

- C** 18,000 BTUs Cooling
- H** 20,700 BTUs Heating



Standard Mirror
PSAP8CR10



Organic Cream White
PSAP8CW10



Art Flower Gold
PSAP8CF10



Snow Flower White
PSAP8CT10



FEATURES:

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

Interior Unit Includes:

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

Exterior Unit Includes:

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

System Model # LA185HV

Indoor Model #	LAN185HV
Outdoor Model #	LAU185HV

Performance

Capacity (BTUs)	C 18,000/17,500 H 20,700/20,200
-----------------	--------------------------------------------------

SEER	16.2/16.2
Air Circulation (CFM H/M/L)	460/380/320
Fan Speeds	5/Auto/Chaos
Dehumidification (pts/hr)	5.3
Indoor dB(A)*	42/39/36
Outdoor dB(A)*	55

Electrical

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

Indoor Dimensions	43 11/16 x
W x H x D (inches)	11 3/4 x 7 7/8

Weight (lbs.)	31.1
Outdoor Dimensions	34 5/16 x
W x H x D (inches)	25 13/16 x 12 5/8

Weight (lbs.)	101.4
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Thermostat Range

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

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

24,000 BTUs

LA245HV (H/P Model)

- C** 24,000 BTUs Cooling
- H** 27,600 BTUs Heating



Standard Mirror
PSAP8CR10



Organic Cream White
PSAP8CW10



Art Flower Gold
PSAP8CF10



Snow Flower White
PSAP8CT10



FEATURES:

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

Interior Unit Includes:

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

Exterior Unit Includes:

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

System Model # LA245HV

Indoor Model #	LAN245HV
Outdoor Model #	LAU245HV

Performance

Capacity (BTUs)	C 24,000/23,600 H 27,600/27,200
-----------------	--------------------------------------------------

SEER	16.2/16.2
Air Circulation (CFM H/M/L)	530/445/378
Fan Speeds	5/Auto/Chaos
Dehumidification (pts/hr)	6.6
Indoor dB(A)*	47/42/39
Outdoor dB(A)*	56

Electrical

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

Indoor Dimensions	43 11/16 x
W x H x D (inches)	11 3/4 x 7 7/8

Weight (lbs.)	31.1
Outdoor Dimensions	34 5/16 x
W x H x D (inches)	25 13/16 x 12 5/8

Weight (lbs.)	172.2
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Thermostat Range

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

ART COOL MINI-SPLIT SINGLE ZONE • INVERTER

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications										
Art Cool	Type	Model	BTUs	Voltage		Rated Amps	MCA*	MOP**		
				Indoor	Outdoor					
Single-Zone	A/C	C	LA091CNP	9,800	36V DC	115	7.2	15	20	
	A/C	C	LA121CNP	11,500	36V DC	115	9.3	15	20	
	H/P	C H	LA091HNP	9,800	36V DC	115	7.2	15	20	
	H/P	C H	LA121HNP	11,500	36V DC	115	9.3	15	20	
	H/P	C H	LA095HV	9,200	230/208	230/208	6.0/7.3	10	15	
	H/P	C H	LA125HV	12,000	230/208	230/208	6.0/7.3	10	15	
	H/P	C H	LA185HV	18,000	230/208	230/208	7.3/8.3	15	15	
	H/P	C H	LA245HV	24,000	230/208	230/208	11.0/13.0	15	20	

All equipment single phase.

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

*Minimum Circuit Ampacity
**Maximum Overcurrent Protection

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

Refrigerant Line Specifications***										
Art Cool	Type	Model	BTUs	Pipe Size		Additional Refrigerant	Max. Pipe Length	Max. Elevation		
				Liquid	Suction					
Single-Zone	A/C	C	LA091CNP	9,800	1/4"	1/2"	0.22 oz./ft.	50'	25'	
	A/C	C	LA121CNP	11,500	1/4"	1/2"	0.22 oz./ft.	50'	25'	
	H/P	C H	LA091HNP	9,800	1/4"	1/2"	0.22 oz./ft.	50'	25'	
	H/P	C H	LA121HNP	11,500	1/4"	1/2"	0.22 oz./ft.	50'	25'	
	H/P	C H	LA095HV	9,200	1/4"	3/8"	0.22 oz./ft.	50'	25'	
	H/P	C H	LA125HV	12,000	1/4"	3/8"	0.22 oz./ft.	50'	25'	
	H/P	C H	LA185HV	18,000	1/4"	1/2"	0.22 oz./ft.	50'	25'	
	H/P	C H	LA245HV	24,000	3/8"	5/8"	0.33 oz./ft.	100'	50'	

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

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

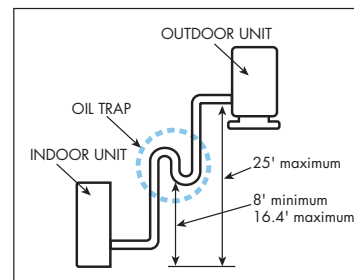


Figure A.
Example: 25 ft. maximum elevation.

MINI-SPLIT STANDARD AIR CONDITIONERS SINGLE-ZONE

Mini-Split Standard systems utilize the same duct-free technology as Art Cool units in a streamlined, low profile design. Models are available in a variety of sizes from 9,000 through 30,000 BTUs. LG's Mini-Split Standard air conditioners are easy to install, efficient and cost effective.



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

9,000 BTUs

LS092CE (A/C Model)

● 9,000 BTUs Cooling

LS092HE (H/P Model)

● 9,800 BTUs Cooling

● 9,800 BTUs Heating



FEATURES:

- R-410A Refrigerant
- Plasma air purifying system
- Gold Fin™ Anti-corrosion
- Dehumidifying mode
- Chaos Swing
- Jet Cool
- Cooling mode
- Heating mode (H/P model only)
- Fan mode
- Auto operation
- Manual power switch
- Defrost control (H/P model only)
- Temperature display on indoor unit
- Auto sleep mode
- Auto restart
- 24-Hour on/off timer
- Built-in low ambient standard, down to 0°F (cooling mode)
- 4 Fan speeds
- Ultra-quiet operation
- Evaporator frost control

Interior Unit Includes:

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

Exterior Unit Includes:

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

MEA# : 316-06-E

System Model #	LS092CE	LS092HE
Indoor Model #	LSN092CE	LSN092HE
Outdoor Model #	LSU092CE	LSU092HE
Performance		
Capacity (BTUs)	● 9,000	● 9,800 ● 9,800
SEER	13	13
Air Circulation (CFM H/M/L)	250/210/170	330/280/230
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	2.6	3.0
Indoor dB(A)*	36/31/28	41/36/34
Outdoor dB(A)*	48	48
Electrical		
Rated Voltage Outdoor	115-60-1	115-60-1
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions		
W x H x D (inches)	33 1/16 x 10 5/8 x 6 1/32	35 3/16 x 11 5/8 x 6 1/2
Weight (lbs.)	15.4	20.5
Outdoor Dimensions		
W x H x D (inches)	30 5/16 x 21 5/16 x 9 5/8	30 5/16 x 21 5/16 x 9 5/8
Weight (lbs.)	66.1	72.8
Thermostat Range		
Cooling / Heating (°F)	64-86	64-86/60-86

*LG verified sound ratings.

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

12,000 BTUs

LS122CE (A/C Model)

● 11,500 BTUs Cooling

LS122HE (H/P Model)

● 11,500 BTUs Cooling

● 11,500 BTUs Heating



FEATURES:

- R-410A Refrigerant
- Plasma air purifying system
- Gold Fin™ Anti-corrosion
- Dehumidifying mode
- Chaos Swing
- Jet Cool
- Cooling mode
- Heating mode (H/P model only)
- Fan mode
- Auto operation
- Manual power switch
- Defrost control (H/P model only)
- Temperature display on indoor unit
- Auto sleep mode
- Auto restart
- 24-Hour on/off timer
- Built-in low ambient standard, down to 0°F (cooling mode)
- 4 Fan speeds
- Ultra-quiet operation
- Evaporator frost control

Interior Unit Includes:

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

Exterior Unit Includes:

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

MEA# : 316-06-E

System Model #	LS122CE	LS122HE
Indoor Model #	LSN122CE	LSN122HE
Outdoor Model #	LSU122CE	LSU122HE
Performance		
Capacity (BTUs)	● 11,500	● 11,500 ● 11,500
SEER	13	13
Air Circulation (CFM H/M/L)	330/280/230	330/280/230
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	3.0	3.0
Indoor dB(A)*	41/36/34	41/36/34
Outdoor dB(A)*	48	48
Electrical		
Rated Voltage Outdoor	115-1-60	115-1-60
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions		
W x H x D (inches)	35 3/16 x 11 5/8 x 6 1/2	35 3/16 x 11 5/8 x 6 1/2
Weight (lbs.)	20.5	20.5
Outdoor Dimensions		
W x H x D (inches)	30 5/16 x 21 5/16 x 9 5/8	30 5/16 x 21 5/16 x 9 5/8
Weight (lbs.)	72.8	72.8
Thermostat Range		
Cooling / Heating (°F)	64-86	64-86/60-86

*LG verified sound ratings.

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

18,000 BTUs

LS182CE (A/C Model)
 C 18,000 BTUs Cooling

LS182HE (H/P Model)
 C 19,500 BTUs Cooling
 H 19,500 BTUs Heating



FEATURES:

- Multi Power System™
- R-410A Refrigerant
- Plasma air purifying system
- Gold Fin™ Anti-corrosion
- Dehumidifying mode
- Chaos Swing
- Jet Cool
- Cooling mode
- Heating mode (H/P model only)
- 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

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)

MEA# : 316-06-E

System Model #	LS182CE	LS182HE
Indoor Model #	LSN182CE	LSN182HE
Outdoor Model #	LSU182CE	LSU182HE
Performance		
Capacity (BTUs)	C 18,000/17,800	C 19,500/19,000 H 19,500/19,000
SEER	13	13
Air Circulation (CFM H/M/L)	460/380/320	530/450/370
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	5.3	6.6
Indoor dB(A)*	41/38/36	46/41/38
Outdoor dB(A)*	55	57
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions		
W x H x D (inches)	42 15/16 x 11 13/16 x 7 1/32	42 15/16 x 11 13/16 x 7 1/32
Weight (lbs.)	28.6	28.6
Outdoor Dimensions		
W x H x D (inches)	34 5/16 x 25 13/16 x 12 5/8	34 5/16 x 31 1/2 x 12 5/8
Weight (lbs.)	149.9	169.6
Thermostat Range		
Cooling / Heating (°F)	64-86	64-86/60-86

*LG verified sound ratings.

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

24,000 BTUs

LS242CE (A/C Model)
 C 22,500 BTUs Cooling

LS242HE (H/P Model)
 C 22,500 BTUs Cooling
 H 22,500 BTUs Heating



FEATURES:

- Multi Power System™
- R-410A Refrigerant
- Plasma air purifying system
- Gold Fin™ Anti-corrosion
- Dehumidifying mode
- Chaos Swing
- Jet Cool
- Cooling mode
- Heating mode (H/P model only)
- 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

Interior Unit Includes:

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

Exterior Unit Includes:

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

MEA# : 316-06-E

System Model #	LS242CE	LS242HE
Indoor Model #	LSN242CE	LSN242HE
Outdoor Model #	LSU242CE	LSU242HE
Performance		
Capacity (BTUs)	C 22,500/22,100	C 22,500/22,100 H 22,500/22,100
SEER	13	13
Air Circulation (CFM H/M/L)	530/450/370	530/450/370
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	6.6	6.6
Indoor dB(A)*	46/41/38	46/41/38
Outdoor dB(A)*	57	57
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions		
W x H x D (inches)	42 15/16 x 11 13/16 x 7 1/32	42 15/16 x 11 13/16 x 7 1/32
Weight (lbs.)	28.6	28.6
Outdoor Dimensions		
W x H x D (inches)	34 5/16 x 31 1/2 x 12 5/8	34 5/16 x 31 1/2 x 12 5/8
Weight (lbs.)	169.6	169.6
Thermostat Range		
Cooling / Heating (°F)	64-86	64-86/60-86

*LG verified sound ratings.

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

30,000 BTUs

- LS305HV (H/P Model)**
 C 27,000 BTUs Cooling
 H 29,000 BTUs Heating



FEATURES:

- | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Inverter • R-410A Refrigerant • Plasma air purifying system • Gold Fin™ Anti-Corrosion • Chaos Swing • Self-cleaning indoor coil • Auto changeover • Jet Cool • Cooling/Heating/Fan Mode • Auto sleep mode | <ul style="list-style-type: none"> • Ultra-quiet operation • Dehumidifying mode • Auto restart • 24-Hour on/off timer • Built-in low ambient standard, down to 14°F (cooling mode) • Manual power switch • Defrost control • Temperature display on indoor unit | <ul style="list-style-type: none"> • Evaporator frost control • Energy Saving • 4 Fan speeds | <p>Exterior Unit Includes:</p> <ul style="list-style-type: none"> • Exterior unit • Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included) |
| <p>Interior Unit Includes:</p> <ul style="list-style-type: none"> • Wall unit • Installation plate & hardware • Remote control, batteries, holder & holder hardware • Installation manual | | | |

System Model #	LS305HV
Indoor Model #	LSN305HV
Outdoor Model #	LSU305HV

Performance	
Capacity (BTUs)	C 27,000/27,000 H 29,000/29,000
SEER	16
Air Circulation (CFM H/M/L)	710/640/530
Fan Speeds	4/Auto/Chaos
Dehumidification (pts/hr)	7.2
Indoor dB(A)*	47/42/39
Outdoor dB(A)*	58

Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
Indoor Dimensions	
W x H x D (inches)	47 3/5 x 13 3/5 x 8 1/4
Weight (lbs.)	37.5
Outdoor Dimensions	
W x H x D (inches)	34 1/4 x 31 1/4 x 12 3/5
Weight (lbs.)	147.7

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

*LG verified sound ratings.

MINI-SPLIT STANDARD SINGLE ZONE

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications									
	Type	Model	BTUs	Voltage		Rated Amps	MCA*	MOP**	
				Indoor	Outdoor				
Mini-Split	A/C	C	LS092CE	9,000	36V DC	115	7.0	15	15
Standard	A/C	C	LS122CE	11,500	36V DC	115	10.5	15	20
Single-Zone	A/C	C	LS182CE	18,000	36V DC	230/208	8.6/9.5	15	20
	A/C	C	LS242CE	22,500	36V DC	230/208	11.5/12.5	20	30
	H/P	C H	LS092HE	9,800	36V DC	115	10.5	15	20
	H/P	C H	LS122HE	11,500	36V DC	115	10.5	15	20
	H/P	C H	LS182HE	19,500	36V DC	230/208	11.5/12.5	20	30
	H/P	C H	LS242HE	22,500	36V DC	230/208	11.5/12.5	20	30
	H/P	C H	LS305HV	27,000/29,000	230/208	230/208	13.6/14.0	20	30

All equipment single phase.

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

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

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

Refrigerant Line & Formula Specifications†									
	Type	Model	BTUs	Pipe Size		Additional Refrigerant	Max. Pipe Length	Max. Elevation	
				Liquid	Suction				
Mini-Split	A/C	C	LS092CE	9,000	1/4"	3/8"	0.22 oz./ft.	50'	25'
Standard	A/C	C	LS122CE	11,500	1/4"	1/2"	0.22 oz./ft.	50'	25'
Single-Zone	A/C	C	LS182CE	18,000	1/4"	1/2"	0.22 oz./ft.	100'	50'
	A/C	C	LS242CE	22,500	1/4"	5/8"	0.22 oz./ft.	50'	50'
	H/P	C H	LS092HE	9,800	1/2"	115	0.22 oz./ft.	50'	25'
	H/P	C H	LS122HE	11,500	1/2"	115	0.22 oz./ft.	50'	25'
	H/P	C H	LS182HE	19,500	1/4"	5/8"	0.22 oz./ft.	100'	50'
	H/P	C H	LS242HE	22,500	1/4"	5/8"	0.22 oz./ft.	100'	50'
	H/P	C H	LS305HV	27,000/29,000	1/4"	5/8"	0.22 oz./ft.	100'	50'

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

NOTE: 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.

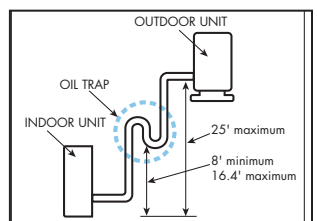


Figure A: Example of 25 ft. maximum elevation.

DUCT-FREE AIR CONDITIONERS

LG INTERNET SALES POLICY

Duct-Free Air Conditioning Products

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

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

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

FOR THE HVAC PROFESSIONAL

INSTALLATION • MATERIALS

Don't forget to BUY...

- Mounting screws and anchors (wall mount and Ceiling Cassette)
- Optional condensate pump (interior wall installation only)
- 1/2" condensate drain tubing
- Hose clamps
- Refrigerant line
- Correct electrical wire to connect indoor and outdoor units based on the LG model chosen (see electrical specifications) and local electrical code requirements
- Closed cell insulating tubing for liquid and suction lines
- Electrical tape
- Condenser mounting pad
- Disconnect and wiring for condenser unit
- Plastic duct and installation hardware to conceal connecting tubing on exterior walls
- Anchor bolts (optional for Floor Standing)

Don't forget to BRING...

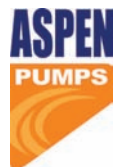
- Level gauge
- 2 3/4" hole core drill
- Flaring tool set
- Gas leak detector
- Vacuum pump
- Gauge manifold
- Micron gauge
- R-410A Service Port Adapter

REMEMBER THESE

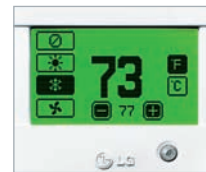
OTHER INSTALLATION ITEMS TO CONSIDER



Low Ambient Wiring Kit
#ICM 326H



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



Wireless Energy Management
Digital Wall Thermostat for
Duct-Free Systems
Part #DFSWLWTOA

See page 40 for more details.
Applicable to 36V DC indoor models only.



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

*LG is not responsible for improper installation.

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

Flex Multi-Split Systems

The larger, Flex Multi-Split Systems operate two or three 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.

Dual-Zone Systems combine two 9,000 BTU indoor units to create an 18,000 BTU dual-zone system or use two 12,000 BTU units to achieve 24,000 BTUs.

Tri-Zone Systems combine three 12,000 BTU units to achieve 36,000 BTUs.

The interior units are available in a variety of styles, including Art Cool and Standard models. Both Dual-Zone and Tri-Zone are available in Cooling Only or Heat Pump systems.

Dual-Zone
Flex Multi-Split System
Two 9,000 BTU units/18,000 total BTUs
Two 12,000 BTU units/24,000 total BTUs

Tri-Zone
Flex Multi-Split System
Three 12,000 BTU units/
36,000 total BTUs



Available styles and finishes



Mini-Split
Art Cool Indoor Unit
Mirror Finish (available in 12,000 BTUs only)



Standard Mirror
PSAPECR10



Organic Cream White
PSAPECW10



Art Flower Gold
PSAPECF10



Snow Flower White
PSAPECT10



Flex Multi-Split
Art Cool Indoor Unit Silver Finish



Standard Silver
PSAPPCMB10



Blue
PSAPPCB10



White Wood
PSAPPCW10



Wood
PSAPPCD10



VanGogh
PSAPPAA10



Sisley
PSAPPAS10



Flex Multi-Split
Standard Indoor Unit

FLEX MULTI-SPLIT • DUAL-ZONE • TRI-ZONE

HIGH WALL DUCT-FREE • FLEX MULTI-SPLIT

18,000 BTUs Dual-Zone

Available indoor unit styles. See page 22 for color options.



Art Cool Silver Finish[§]
9,000 BTUs Indoor Model #s:
LMAN090CNS, LMAN090HNS



Standard[Ⓔ]
9,000 BTUs Indoor Model #s:
LMN090CE, LMN090HE

Outdoor Unit Cooling C **LMU180CE**

Choose any two 9,000 BTU indoor cooling units for a combined 18,000 BTUs cooling. Pick the same style, or mix and match.



Outdoor Unit **LMU180CE**

Outdoor Unit H/P C H **LMU180HE**

Choose any two 9,000 BTU indoor units for a combined 18,000 BTUs heating/cooling. Pick the same style, or mix and match.



Outdoor Unit **LMU180HE**



Indoor Model Cooling #	LMN090CE	LMAN090CNS
Performance		
Capacity (BTUs)	C 9,000/8,850	9,000/8,850
Air Circulation (CFM H/M/L)**	250/210/170	264/230/177
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	2.3	2.3
Indoor dB(A)*	31/29/22	37/31/27
Outdoor dB(A)*	50	50
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)	33 1/16 x 10 5/8 x 6 1/32	22 13/32 x 22 13/32 x 5 3/8
Weight (lbs.)**	15.4	24.9
Outdoor Dimensions		
W x H x D (inches)	34 5/16 x 25 13/16 x 12 5/8	34 5/16 x 25 13/16 x 12 5/8
Weight (lbs.)	132.0	132.0
Thermostat Range		
Cooling / Heating (°F)	64-86	64-86

*LG verified sound ratings.

**Per indoor unit.

HIGH WALL DUCT-FREE • FLEX MULTI-SPLIT

18,000 BTUs Dual-Zone

FEATURES:

- | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Changeable front color panel option[§] • Multi Power System™ • R-410A Refrigerant • Plasma Air Purifying System[§] • Triple-Filter Air Purifying System[Ⓔ] • Self-cleaning indoor coil • Dehumidifying mode • Chaos Swing • Jet Cool • Three-way cooling • Cooling mode | <ul style="list-style-type: none"> • 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 • Evaporator frost control • Ultra-quiet operation | Interior Unit Includes: <ul style="list-style-type: none"> • 2 Wall units • 2 Wall unit installation plates & hardware • 2 Remote controls w/batteries, 2 holders & holder hardware • Installation manual | Exterior Unit Includes: <ul style="list-style-type: none"> • Exterior unit • Sufficient refrigerant for charging 2 indoor coils & a 25' line set per indoor unit (line set not included) MEA# : 316-06-E |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

[Ⓔ]Available in standard finish only.

[§]Available in Art Cool silver finish only.

Indoor Model H/P #	LMN090HE	LMAN090HNS
Performance		
Capacity (BTUs)	C 9,000/8,850 H 9,000/9,000	9,000/8,850 9,000/9,000
Air Circulation (CFM H/M/L)**	250/210/170	264/230/177
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	2.3	2.3
Indoor dB(A)*	31/29/22	37/31/27
Outdoor dB(A)*	50	50
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)	33 1/16 x 10 5/8 x 6 1/32	22 13/32 x 22 13/32 x 5 3/8
Weight (lbs.)**	15.4	24.9
Outdoor Dimensions		
W x H x D (inches)	34 5/16 x 25 13/16 x 12 5/8	34 5/16 x 25 13/16 x 12 5/8
Weight (lbs.)	132.0	132.0
Thermostat Range		
Cooling / Heating (°F)	64-86/60-86	64-86/60-86

*LG verified sound ratings.

**Per indoor unit.

HIGH WALL DUCT-FREE • FLEX MULTI-SPLIT

24,000 BTUs Dual-Zone

Available indoor unit styles. See page 22 for color options.



Mirror Finish^{CE,§}
12,000 BTUs Indoor Model #s:
LMAN121CNM, LMAN121HNM



Art Cool Silver Finish^{†,§}
12,000 BTUs Indoor Model #s:
LMAN120CNS, LMAN120HNS



Standard^{CE}
12,000 BTUs Indoor Model #s:
LMN120CE, LMN120HE

Outdoor Unit Cooling C **LMU240CE**

Choose any two 12,000 BTU indoor cooling units for a combined 24,000 BTUs cooling. Pick the same style, or mix and match.



Outdoor Unit **LMU240CE**

Outdoor Unit H/P C H **LMU240HE**

Choose any two 12,000 BTU indoor units for a combined 24,000 BTUs heating/cooling. Pick the same style, or mix and match.



Outdoor Unit **LMU240HE**



Indoor Model Cooling #	LMN120CE	LMAN120CNS	LMAN121CNM
Performance			
Capacity (BTUs)	C 12,000/11,800	12,000/11,800	12,000/11,800
Air Circulation (CFM H/M/L)**	330/280/230	265/230/177	330/261/194
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	2.5	3.0	2.5
Indoor dB(A)*	39/25/21	43/39/31	39/25/21
Outdoor dB(A)*	50	50	50
Electrical			
Rated Voltage Outdoor	230/208-60-1	230/208-60-1	230/208-60-1
Rated Voltage Indoor	36V DC	36V DC	36V DC
Indoor Dimensions			
W x H x D (inches)	35 3/16 x 11 x 6 1/2	22 13/32 x 22 13/32 x 5 3/8	36 x 11 3/32 x 6 1/2
Weight (lbs.)**	20.5	24.9	20.5
Outdoor Dimensions			
W x H x D (inches)	34 5/16 x 31 13/16 x 12 5/8	34 5/16 x 31 13/16 x 12 5/8	34 5/16 x 31 13/16 x 12 5/8
Weight (lbs.)	139.0	139.0	139.0
Thermostat Range			
Cooling / Heating (°F)	64-86	64-86	64-86

*LG verified sound ratings.

**Per indoor unit.

HIGH WALL DUCT-FREE • FLEX MULTI-SPLIT

24,000 BTUs Dual-Zone

FEATURES:

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Changeable front color panel option[§] • Multi Power System™ • R-410A Refrigerant • Plasma Air Purifying System[§] • Triple-Filter Air Purifying System^{CE} • Self-cleaning indoor coil • Dehumidifying mode • Chaos Swing • Jet Cool • Three-way cooling[†] • Cooling mode | <ul style="list-style-type: none"> • 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 • Evaporator frost control • Ultra-quiet operation | Interior Unit Includes: <ul style="list-style-type: none"> • 2 Wall units • 2 Wall unit installation plates & hardware • 2 Remote controls w/batteries, 2 holders & holder hardware • Installation manual | Exterior Unit Includes: <ul style="list-style-type: none"> • Exterior unit • Sufficient refrigerant for charging 2 indoor coils & a 25' line set per indoor unit (line set not included) MEA# : 316-06-E |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

^{CE}Available on mirror and standard finish only.

[§]Available on mirror and Art Cool metal finish only.

[†]Available on Art Cool metal finish only.

Indoor Model H/P #	LMN120HE	LMAN120HNS	LMAN121HNM
Performance			
Capacity (BTUs)	C 12,000/11,800 H 12,000/12,000	12,000/11,800 12,000/12,000	12,000/11,800 12,000/12,000
Air Circulation (CFM H/M/L)**	330/280/230	318/261/194	330/261/194
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	2.5	3.0	2.5
Indoor dB(A)*	39/25/21	43/39/31	39/25/21
Outdoor dB(A)*	50	50	50
Electrical			
Rated Voltage Outdoor	230/208-60-1	230/208-60-1	230/208-60-1
Rated Voltage Indoor	36V DC	36V DC	36V DC
Indoor Dimensions			
W x H x D (inches)	35 3/16 x 11 x 6 1/2	22 13/32 x 22 13/32 x 5 3/8	36 x 11 3/32 x 6 1/2
Weight (lbs.)**	20.5	24.9	20.5
Outdoor Dimensions			
W x H x D (inches)	34 5/16 x 31 13/16 x 12 5/8	34 5/16 x 31 13/16 x 12 5/8	34 5/16 x 31 13/16 x 12 5/8
Weight (lbs.)	139.0	139.0	139.0
Thermostat Range			
Cooling / Heating (°F)	64-86/60-86	64-86/60-86	64-86/60-86

*LG verified sound ratings.

**Per indoor unit.

HIGH WALL DUCT-FREE • FLEX MULTI-SPLIT

36,000 BTUs Tri-Zone

Available indoor unit styles. See page 22 for color options.



Mirror Finish^{CE,§}
12,000 BTUs Indoor Model #s:
LMAN121CNM, LMAN121HNM



Art Cool Silver Finish^{†,§}
12,000 BTUs Indoor Model #s:
LMAN120CNS, LMAN120HNS



Standard^{CE}
12,000 BTUs Indoor Model #s:
LMN120CE, LMN120HE

Outdoor Unit Cooling C **LMU360CE**

Choose any three 12,000 BTU indoor cooling units for a combined 36,000 BTUs cooling. Pick the same style, or mix and match.



Outdoor Unit **LMU360CE**

Outdoor Unit H/P C H **LMU360HE**

Choose any three 12,000 BTU indoor units for a combined 36,000 BTUs heating/cooling. Pick the same style, or mix and match.



Outdoor Unit **LMU360HE**



Indoor Model Cooling #	LMN120CE	LMAN120CNS	LMAN121CNM
Performance			
Capacity (BTUs)	C 12,000/11,800	12,000/11,800	12,000/11,800
Air Circulation (CFM H/M/L)**	330/280/230	265/230/177	330/261/194
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	2.5	3.0	2.5
Indoor dB(A)*	39/25/21	43/39/31	39/25/21
Outdoor dB(A)*	50	50	50
Electrical			
Rated Voltage Outdoor	230/208-60-1	230/208-60-1	230/208-60-1
Rated Voltage Indoor	36V DC	36V DC	36V DC
Indoor Dimensions			
W x H x D (inches)	35 3/16 x 6 1/2	22 13/32 x 5 3/8	36 x 6 1/2
Weight (lbs.)**	20.5	24.9	20.5
Outdoor Dimensions			
W x H x D (inches)	34 5/16 x 40 7/8 x 12 5/8	34 5/16 x 40 7/8 x 12 5/8	34 5/16 x 40 7/8 x 12 5/8
Weight (lbs.)	172.0	172.0	172.0
Thermostat Range			
Cooling / Heating (°F)	64-86	64-86	64-86

*LG verified sound ratings.

**Per indoor unit.

HIGH WALL DUCT-FREE • FLEX MULTI-SPLIT

36,000 BTUs Tri-Zone

FEATURES:

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Changeable front color panel option[§] • Multi Power System™ • R-410A Refrigerant • Plasma Air Purifying System[§] • Triple-Filter Air Purifying System^{CE} • Self-cleaning indoor coil • Dehumidifying mode • Chaos Swing • Jet Cool • Three-way cooling[†] • Cooling mode | <ul style="list-style-type: none"> • 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 • Evaporator frost control | <ul style="list-style-type: none"> • Ultra-quiet operation | <p>Exterior Unit Includes:</p> <ul style="list-style-type: none"> • Exterior unit • Sufficient refrigerant for charging 2 indoor coils & a 25' line set per indoor unit (line set not included) • MEA# : 316-06-E |
| <p>Interior Unit Includes:</p> <ul style="list-style-type: none"> • 3 Wall units • 3 Wall unit installation plates & hardware • 3 Remote controls w/batteries, 3 holders & holder hardware • Installation manual | | | |

^{CE}Available on mirror and standard finish only.

[§]Available on mirror and Art Cool metal finish only.

[†]Available on Art Cool metal finish only.

Indoor Model H/P #	LMN120HE	LMAN120HNS	LMAN121HNM
Performance			
Capacity (BTUs)	C 12,000/11,800 H 12,000/12,000	12,000/11,800 12,000/12,000	12,000/11,800 12,000/12,000
Air Circulation (CFM H/M/L)**	330/280/230	318/261/194	330/261/194
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	2.5	3.0	2.5
Indoor dB(A)*	39/25/21	43/39/31	39/25/21
Outdoor dB(A)*	50	50	50
Electrical			
Rated Voltage Outdoor	230/208-60-1	230/208-60-1	230/208-60-1
Rated Voltage Indoor	36V DC	36V DC	36V DC
Indoor Dimensions			
W x H x D (inches)	35 3/16 x 6 1/2	22 13/32 x 5 3/8	36 x 6 1/2
Weight (lbs.)**	20.5	24.9	20.5
Outdoor Dimensions			
W x H x D (inches)	34 5/16 x 40 7/8 x 12 5/8	34 5/16 x 40 7/8 x 12 5/8	34 5/16 x 40 7/8 x 12 5/8
Weight (lbs.)	172.0	139.0	139.0
Thermostat Range			
Cooling / Heating (°F)	64-86/60-86	64-86/60-86	64-86/60-86

*LG verified sound ratings.

**Per indoor unit.

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

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications								
	Type	Model	BTUs	Voltage		Rated Amps	MCA*	MOP**
				Indoor	Outdoor			
Flex Multi-Split Indoor Units	A/C	LMN090CE	9,000	36V DC	—	0.5	—	—
	A/C	LMAN090CNS	9,000	36V DC	—	1.3	—	—
	A/C	LMN120CE	12,000	36V DC	—	0.5	—	—
	A/C	LMAN120CNS	12,000	36V DC	—	1.3	—	—
	A/C	LMAN121CNM	12,000	36V DC	—	0.5	—	—
	H/P	LMN090HE	9,000	36V DC	—	0.5	—	—
	H/P	LMAN090HNS	9,000	36V DC	—	1.3	—	—
	H/P	LMN120HE	12,000	36V DC	—	0.5	—	—
	H/P	LMAN120HNS	12,000	36V DC	—	1.3	—	—
	H/P	LMAN121HNM	12,000	36V DC	—	0.5	—	—
Outdoor Units	A/C	LMU180CE	18,000		230/208	8.8	15	20
	A/C	LMU240CE	24,000		230/208	10.2	20	25
	A/C	LMU360CE	36,000		230/208	16.6	30	40
	H/P	LMU180HE	18,000		230/208	8.8	15	20
	H/P	LMU240HE	24,000		230/208	10.2	20	25
	H/P	LMU360HE	36,000		230/208	16.6	30	40

All equipment are single phase.

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

*Minimum Circuit Ampacity **Maximum Overcurrent Protection ***For LMU360CE, LMU360HE

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

Refrigerant Line & Formula Specifications†

Type	Model	BTUs	Pipe size		Additional Refrigerant	Max. Pipe Length	Max. Elevation	
			Liquid	Suction				
Flex Multi-Split	A/C	LMN090CE	9,000	1/4"	3/8"	0.22 oz./ft.	50'	25'
	A/C	LMAN090CNS	9,000	1/4"	3/8"	0.22 oz./ft.	50'	25'
	A/C	LMN120CE	12,000	1/4"	3/8"	0.22 oz./ft.	50'	25'
	A/C	LMAN120CNS	12,000	1/4"	3/8"	0.22 oz./ft.	50'	25'
	A/C	LMAN121CNM	12,000	1/4"	3/8"	0.22 oz./ft.	50'	25'
	H/P	LMN090HE	9,000	1/4"	3/8"	0.22 oz./ft.	50'	25'
	H/P	LMAN090HNS	9,000	1/4"	3/8"	0.22 oz./ft.	50'	25'
	H/P	LMN120HE	12,000	1/4"	3/8"	0.22 oz./ft.	50'	25'
	H/P	LMAN120HNS	12,000	1/4"	3/8"	0.22 oz./ft.	50'	25'
	H/P	LMAN121HNM	12,000	1/4"	3/8"	0.22 oz./ft.	50'	25'

NOTE: 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.

†Dual-Zone: Exterior unit has sufficient refrigerant for charging two indoor coils and a 25 ft. line set per indoor unit. Tri-Zone: Exterior unit has sufficient refrigerant for charging three indoor coils and a 25 ft. line set per indoor unit.

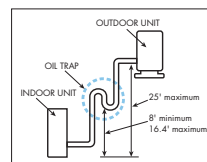


Figure A. Example: 25 ft. maximum elevation.

DUCT-FREE FLOOR STANDING & CEILING CASSETTE AIR CONDITIONING SYSTEMS

High-Capacity Split Systems

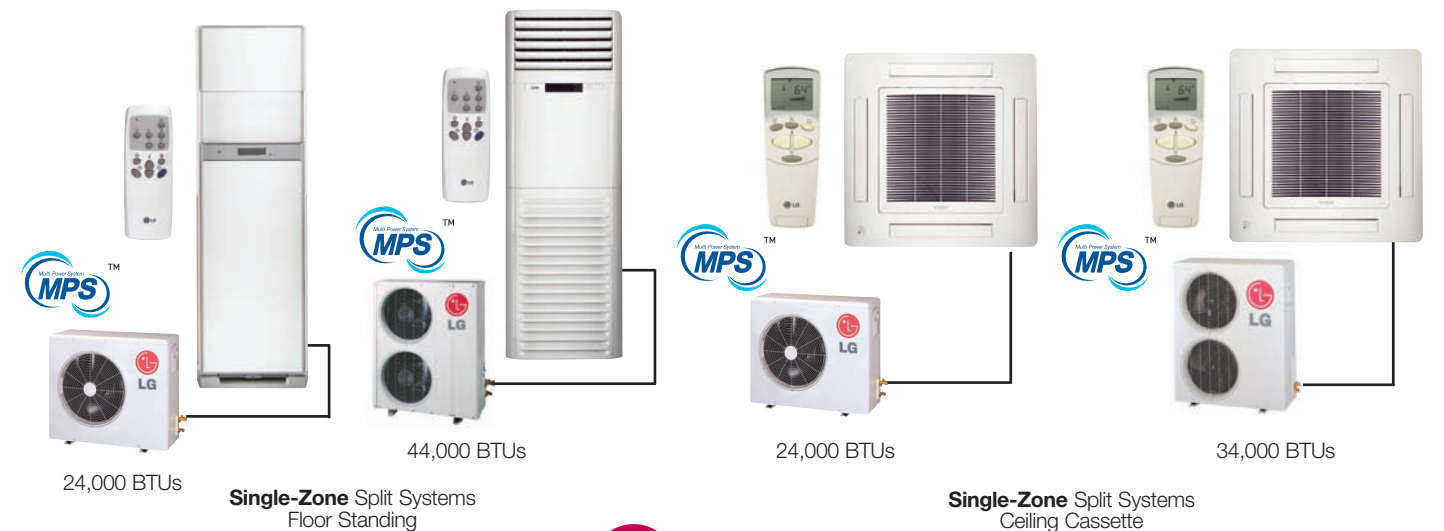
The Floor Standing and Ceiling Cassette models are ideal for light commercial applications and work well in large, open spaces. The Ceiling Cassette is a useful alternative when floor space is limited.

The outdoor unit for both models operate on high-voltage (230/208) power and models one or two compressors, depending on the size.



Duct-Free Split Floor Standing Indoor Units White Finish

Duct-Free Split Ceiling Cassette Indoor Units White Finish



24,000 BTUs

Single-Zone Split Systems Floor Standing

44,000 BTUs

24,000 BTUs

Single-Zone Split Systems Ceiling Cassette

34,000 BTUs



DUCT-FREE • FLOOR STANDING SINGLE-ZONE

24,000 BTUs

LF300CP (A/C Model)
 24,000 BTUs Cooling



FEATURES:

- Multi Power System™
- R-22 Refrigerant
- Chaos Swing
- Three-dimensional cooling**
- Jet Cool
- Cooling mode
- Dehumidifying mode
- Evaporator frost control
- 7-Hour on/off timer
- Auto restart
- Auto operation
- Plasma Air Purifying System**
- Temperature display on indoor unit
- Built-in remote control holder**
- Control lock function
- Ultra-quiet turbo fan

44,000 BTUs

LF480CE (A/C Model)
 44,000 BTUs Cooling



- Interior Unit Includes:**
- Floor standing unit
 - Remote control and batteries
 - 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)
- MEA# : 316-06-E

System Model #	LF300CP
Indoor Model #	LFN300CP
Outdoor Model #	LFU300CP
Performance	
Capacity (BTUs)	24,000/24,000
SEER	13
Air Circulation (CFM H/M/L)	671/565/459
Fan Speeds (Cooling/Fan)	4/3
Dehumidification (pts/hr)	7.8
Indoor dB(A)*	45/42/40
Outdoor dB(A)*	53
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208
Indoor Dimensions	
W x H x D (inches)	22 13/32 x 71 21/32 x 12 1/4
Weight (lbs.)	72.7
Outdoor Dimensions	
W x H x D (inches)	34 5/16 x 25 13/16 x 12 19/32
Weight (lbs.)	136.6
Thermostat Range	
Cooling (°F)	61-86

*LG verified sound ratings.
 **For LF300CP.

System Model #	LF480CE
Indoor Model #	LFN480CE
Outdoor Model #	LFU480CE
Performance	
Capacity (BTUs)	44,000/44,000
SEER	13
Air Circulation (CFM H/M/L)	1,236/1,059/882
Fan Speeds (Cooling/Fan)	3/3
Dehumidification (pts/hr)	8.7
Indoor dB(A)*	56/53/51
Outdoor dB(A)*	58
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208
Indoor Dimensions	
W x H x D (inches)	23 7/32 x 71 1/4 x 17 5/16
Weight (lbs.)	127.9
Outdoor Dimensions	
W x H x D (inches)	35 7/16 x 48 7/32 x 14 9/16
Weight (lbs.)	198.4
Thermostat Range	
Cooling (°F)	61-86

*LG verified sound ratings.

DUCT-FREE • CEILING CASSETTE SINGLE-ZONE

24,000 BTUs

LC240CP (A/C Model)
 24,000 BTUs Cooling



FEATURES:

- Multi Power System™
- R-410A Refrigerant
- Internal condensate pump included
- Swirl Wind
- Four-way cooling
- Jet Cool
- Cooling mode
- Dehumidifying mode
- Fan mode
- Evaporator frost control
- 24-Hour on/off timer
- Auto restart
- Auto operation
- Plasma Air Purifying System
- Temperature display on remote
- Ultra-quiet turbo fan
- 5 Fan speeds

System Model #	LC240CP
Indoor Model #	LCN240CP
Outdoor Model #	LCU240CP
Grill	PT-CDC1 (required)
Performance	
Capacity (BTUs)	24,000/23,500
SEER	13
Air Circulation (CFM H/M/L)	650/600/550
Fan Speeds (Cooling/Fan)	5/4
Dehumidification (pts/hr)	6.3
Indoor dB(A)*	38/35/32
Outdoor dB(A)*	55
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208
Indoor Dimensions	
W x H x D (inches)	33 1/16 x 33 1/16 x 8 7/8
Weight (lbs.)	57.3
Outdoor Dimensions	
W x H x D (inches)	34 1/4 x 31 1/2 x 12 5/8
Weight (lbs.)	160.0
Thermostat Range	
Cooling (°F)	64-86

*LG verified sound ratings.

34,000 BTUs

LC340CP (A/C Model)
 34,000 BTUs Cooling



- Interior Unit Includes:**
- Ceiling unit
 - Wired control and wireless remote control with batteries
 - Installation manual
 - Ceiling Grill (required 37 13/32" x 37 13/32" x 1 3/16", 6.6 lbs)
- Exterior Unit Includes:**
- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)
- MEA# : 316-06-E

System Model #	LC340CP
Indoor Model #	LCN340CP
Outdoor Model #	LCU340CP
Grill	PT-CDC1 (required)
Performance	
Capacity (BTUs)	34,000/33,500
SEER	13
Air Circulation (CFM H/M/L)	850/800/750
Fan Speeds (Cooling/Fan)	5/4
Dehumidification (pts/hr)	7.8
Indoor dB(A)*	40/37/34
Outdoor dB(A)*	58
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208
Indoor Dimensions	
W x H x D (inches)	33 1/16 x 33 1/16 x 8 7/8
Weight (lbs.)	57.3
Outdoor Dimensions	
W x H x D (inches)	35 7/16 x 45 7/8 x 14 9/16
Weight (lbs.)	190.0
Thermostat Range	
Cooling (°F)	64-86

*LG verified sound ratings.

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	A/C	LF300CP	24,000	230/208	230/208	11.5/11.5	20	30
	A/C	LF480CP	44,000	230/208	230/208	20.0/20.0	30	40
Ceiling Cassette	A/C	LC240CP	24,000	230/208	230/208	11.5/12.4	20	30
	A/C	LC340CP	34,000	230/208	230/208	11.5/16.5	30	40

All equipment single phase.

*Minimum Circuit Ampacity

**Maximum Overcurrent Protection

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

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

Refrigerant Line Specifications [†]								
	Type	System #	BTUs	Pipe size		Additional Refrigerant	Max. Pipe Length	Max. - Elevation
				Liquid	Suction			
Floor Standing	A/C	LF300CP	24,000	3/8"	5/8"	0.32 oz./ft.	100'	66'
	A/C	LF480CP	44,000	3/8"	3/4"	0.42 oz./ft.	131'	82'
Ceiling Cassette	A/C	LC240CP	24,000	1/4"	1/2"	0.32 oz./ft.	100'	50'
	A/C	LC340CP	34,000	1/4"	5/8"	0.42 oz./ft.	115'	66'

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

NOTE: 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.

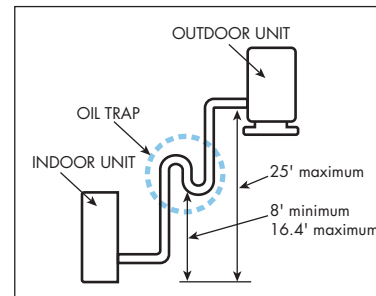


Figure A. Example: 25 ft. maximum elevation.

PACKAGED TERMINAL AIR CONDITIONERS

Ultra-quiet operation is the hallmark of LG's new line of PTAC products. Low decibel levels and outstanding sound prevention rating make this your best choice for a quiet environment. And with efficiency ratings up to 12.5 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.



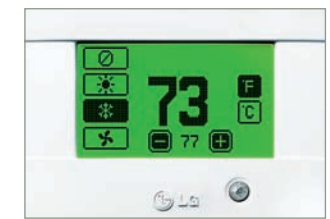
7,000–15,000 BTUs



Digital Control Panel



Manual Control Panel



Wireless Digital Thermostat



PTAC Features & Benefits



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.



Mechanical Control Display:

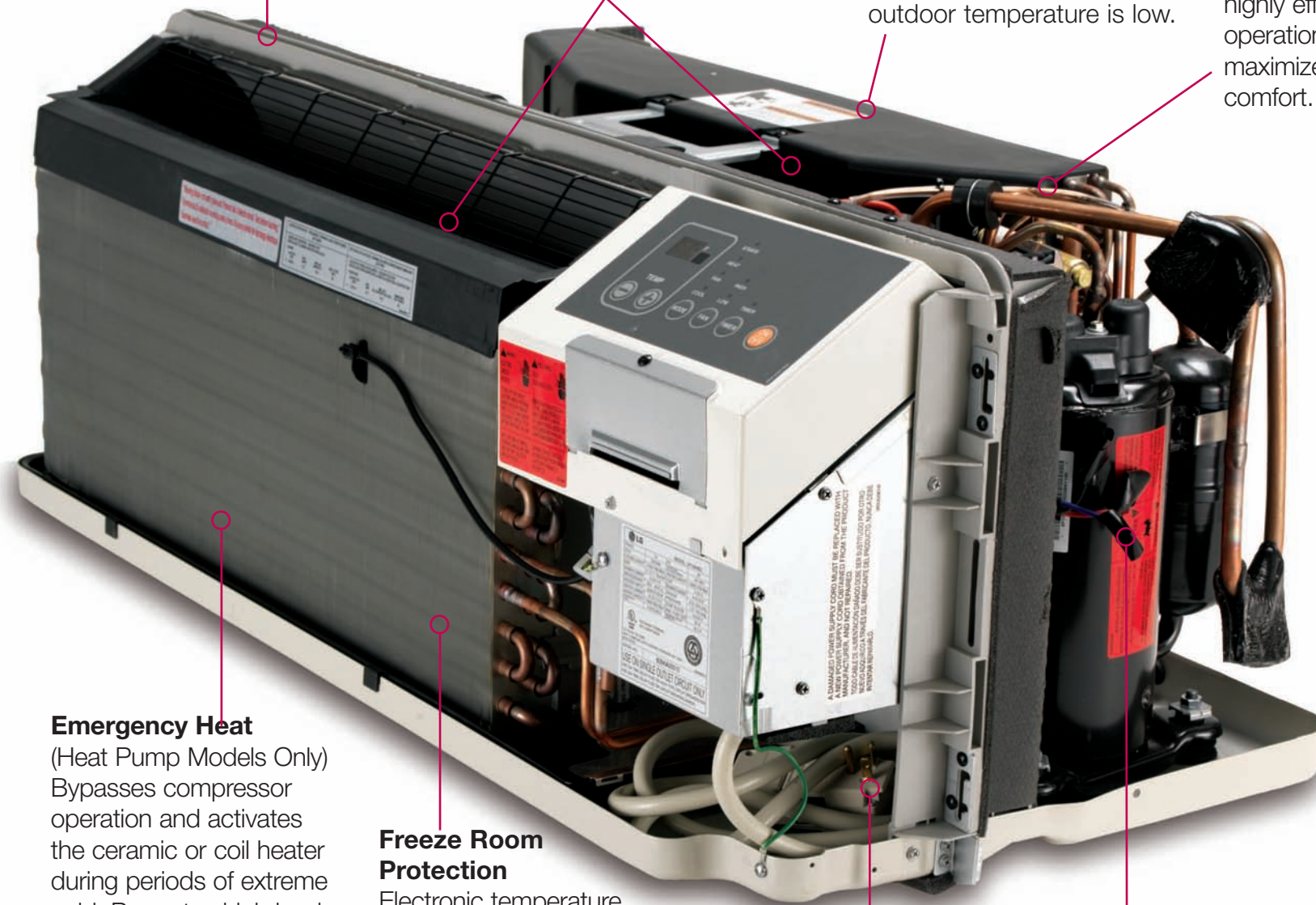
Simple and easy to use.

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

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

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

Sensors*
4 Sensors provide highly efficient operation and maximizes guest comfort.



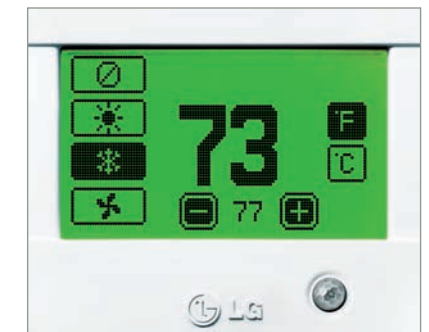
Emergency Heat
(Heat Pump Models Only)
Bypasses compressor operation and activates the ceramic or coil heater during periods of extreme cold. Promotes high level of guest comfort.

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

Power Cord
Included with every unit.

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

*Digital Control Models Only.



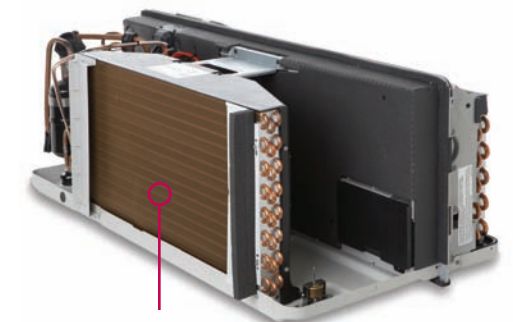
Wireless Energy Management Digital Thermostat with occupancy sensor:

- Digital Touch-Screen Controls
- Built-In Occupancy Sensor
- Built-In Energy Management Controls
- True Wireless RF Communication
- Installs In As Little As 10 Minutes
- Easy To Program



Wireless Energy Management Digital Thermostat Control Board:

(included in Wireless Wall Thermostat kit)
Snaps directly on to PTAC control board—no tools required.



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.

PACKAGED TERMINAL AIR CONDITIONERS

7,000-15,000 BTUs Digital Control

- **LP070CED-Y8** (H/C Model)
7,600 BTUs Cooling & Heating
- **LP090CED-Y8** (H/C Model)
9,000 BTUs Cooling & Heating
- **LP120CED-Y8** (H/C Model)
11,800 BTUs Cooling & Heating
- **LP150CED-Y8** (H/C Model)
14,300 BTUs Cooling & Heating

- **LP070HED-Y8** (Heat Pump Model)
7,600 BTUs Cooling & Heating
- **LP090HED-Y8** (Heat Pump Model)
9,000 BTUs Cooling & Heating
- **LP120HED-Y8** (Heat Pump Model)
12,000 BTUs Cooling & Heating
- **LP150HED-Y8** (Heat Pump Model)
14,300 BTUs Cooling & Heating



- Gold Fin™ anti-corrosion treatment
- Energy saver mode
- Dip switch settings
- System Includes:**
- Cooling mode
- Auto restart
- Evaporator frost control
- Wall unit
- Heating mode
- Wall thermostat temperature control
- Temperature display on unit
- Installation manual
- Fan mode
- Front desk control connection
- Freeze room protection
- MEA #: 315-06-E**

System Model #	LP070CED-Y8	LP090CED-Y8	LP120CED-Y8	LP150CED-Y8	LP070HED-Y8	LP090HED-Y8	LP120HED-Y8	LP150HED-Y8
Control Type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Performance								
Capacity (BTUs)	7,600/7,400 7,600/6,200	9,000/8,800	11,800/11,500	14,300/14,100	7,600/7,400 6,400/6,200	9,000/8,800 8,100/7,900	12,000/11,800 10,900/10,700	14,300/14,100 13,500/13,300
EER	12.5	11.7	11.2	10.0	12.1	11.6	10.8	9.8
Air Circulation (CFM H/L)	335/300	335/300	390/355	390/355	335/300	335/300	390/355	390/355
Fan Speeds (Cooling/Heating/Fan)	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2
Dehumidification (pts/hr)	2.0	2.6	3.3	4.4	2.0	2.6	3.3	4.4
Indoor dB(A)*	45/43	45/43	49/47	49/47	45/43	45/43	49/47	49/47
Outdoor dB(A)*	60/58	60/58	63/61	63/61	60/58	60/58	63/61	63/61
STC	30	30	30	30	30	30	30	30
Electrical								
Rated Voltage	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1
Electric Heater (kW)	2.5	3.5	3.5	3.5	2.5	3.5	3.5	3.5
Circuit Breaker (A)	15	20	20	20	15	20	20	20
Dimensions								
W x H x D (inches)	42 x 16 x 19 7/8	42 x 16 x 19 7/8	42 x 16 x 19 7/8	42 x 16 x 19 7/8	42 x 16 x 19 7/8	42 x 16 x 19 7/8	42 x 16 x 19 7/8	42 x 16 x 19 7/8
Weight (lbs.)	86.4	86.6	92.6	100.5	90.8	91.1	97.1	104.9
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.

PACKAGED TERMINAL AIR CONDITIONERS

7,000-15,000 BTUs Digital Control

- **LP070CED1** (H/C Model)
7,600 BTUs Cooling & Heating
- **LP090CED1** (H/C Model)
8,900 BTUs Cooling & Heating
- **LP120CED1** (H/C Model)
11,800 BTUs Cooling & Heating
- **LP150CED1** (H/C Model)
14,000 BTUs Cooling & Heating
- **LP155CED1** (H/C Model)
14,000 BTUs Cooling & Heating

- **LP070HED1** (Heat Pump Model)
7,300 BTUs Cooling & Heating
- **LP090HED1** (Heat Pump Model)
9,300 BTUs Cooling & Heating
- **LP120HED1** (Heat Pump Model)
12,000 BTUs Cooling & Heating
- **LP150HED1** (Heat Pump Model)
14,400 BTUs Cooling & Heating
- **LP155HED1** (Heat Pump Model)
14,400 BTUs Cooling & Heating



- Gold Fin™ anti-corrosion treatment
- Energy saver mode
- Dip switch settings
- System Includes:**
- Cooling mode
- Auto restart
- Evaporator frost control
- Wall unit
- Heating mode
- Wall thermostat temperature control
- Temperature display on unit
- Installation manual
- Fan mode
- Front desk control connection
- Freeze room protection
- MEA #: 315-06-E**

System Model #	LP070CED1	LP090CED1	LP120CED1	LP150CED1	LP155CED1	LP070HED1	LP090HED1	LP120HED1	LP150HED1	LP155HED1
Control Type	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
Performance										
Capacity (BTUs)	7,600 7,600	8,900	11,800	14,000	14,000	7,300 6,200	9,300 8,000	12,000 10,800	14,400 13,200	14,400 13,200
EER	11.7	11.0	10.7	9.5	9.5	11.6	11.2	10.4	9.2	9.2
Air Circulation (CFM H/L)	300/270	300/270	420/390	420/390	420/390	300/270	300/270	420/390	420/390	420/390
Fan Speeds (Cooling/Heating/Fan)	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2
Dehumidification (pts/hr)	2.0	2.6	3.3	4.4	4.4	2.0	2.6	3.3	4.4	4.4
Indoor dB(A)*	45/43	45/43	49/47	49/47	49/47	45/43	45/43	49/47	49/47	49/47
Outdoor dB(A)*	60/58	60/58	63/61	63/61	63/61	60/58	60/58	63/61	63/61	63/61
STC	30	30	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	265-60-1	265-60-1
Electric Heater (kW)	2.0	3.7	3.7	3.7	5.0	3.7	3.7	3.7	3.7	5.0
Circuit Breaker (A)	15	20	20	20	30	15	20	20	20	30
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	42 x 16 x 19 7/8	42 x 16 x 19 7/8
Weight (lbs.)	87.7	86.6	93.7	102.1	102.1	90.8	92.2	99.2	106.5	106.5
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	54-86/54-86	54-86/54-86

*LG verified sound rating.

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

PACKAGED TERMINAL AIR CONDITIONERS

9,000-12,000 BTUs Mechanical Control

- **LP091CEM-Y8** (H/C Model)
9,000 BTUs Cooling & Heating
- **LP121CEM-Y8** (H/C Model)
11,500 BTUs Cooling & Heating

- **LP091HEM-Y8** (Heat Pump Model)
8,700 BTUs Cooling & Heating
- **LP121HEM-Y8** (Heat Pump Model)
11,500 BTUs Cooling & Heating



FEATURES:

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

System Includes:

- Wall unit
- Installation manual
- ME # : 315-06-E

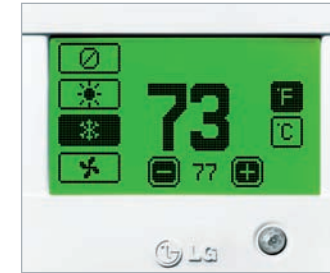
System Model #	LP091CEM-Y8	LP121CEM-Y8	LP091HEM-Y8	LP121HEM-Y8
Control Type	Mechanical	Mechanical	Mechanical	Mechanical
Performance				
Capacity (BTUs)	● 9,000/8,800 ● 11,500/11,300	11,500/11,300	8,700/8,500 7,800/7,500	11,500/11,300 10,800/10,500
EER	10.7	10.8	10.6	9.7
Air Circulation (CFM H/L)	325/290	370/335	325/290	370/335
Fan Speeds (Cooling/Heating/Fan)	2/2/2	2/2/2	2/2/2	2/2/2
Dehumidification (pts/hr)	2.5	3.2	2.5	3.2
Indoor dB(A)*	56/54	58/56	56/54	58/56
Outdoor dB(A)*	60/59	63/61	60/59	63/61
STC	30	30	30	30
Electrical				
Rated Voltage	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1
Electric Heater (kW)	3.5	3.5	3.5	3.5
Circuit Breaker (A)	20	20	20	20
Dimensions				
W x H x D (inches)	42 x 16 x 19 7/8	42 x 16 x 19 7/8	42 x 16 x 19 7/8	42 x 16 x 19 7/8
Weight (lbs.)	88.5	94.5	89.6	97.8
Thermostat Range				
Cooling/Heating (°F)**	54-86/54-86	54-86/54-86	54-86/54-86	54-86/54-86

*LG verified sound rating.

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

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

WIRELESS ENERGY MANAGEMENT DIGITAL THERMOSTAT



Touch screen-operated design with intuitive graphic user interface



Occupancy Sensor automatically turns off the air conditioner when the room is unoccupied



Wireless Energy Management Digital Thermostat Control Board: Snaps directly on to PTAC control board – no tools required.

Dimensions:

Case: 5 3/4"W x 4 3/4"H x 1 1/4"D
LCD Screen: 3 5/8"W x 2 1/8"H

Part Numbers:

LG PTAC Wireless Wall Thermostat Kit: Part # PYRCUCCOA
LG Mini-Split Wireless Wall Thermostat Kit: Part # DFSWLWTOA

This innovative thermostat provides a great way to control spiralling energy costs while ensuring perfect comfort. It combines the energy-saving convenience of complete programmability and temperature control for both occupied and unoccupied rooms. Its unique “occupancy sensor” automatically turns off the air conditioner when a room is unoccupied, further reducing wasted energy. And with its intuitive touch screen interface, it's easy to not only adjust temperature, but air flow as well.

THERMOSTAT FEATURES

- **Energy-saving “Occupancy Sensor”** automatically turns off the air conditioner when the room is unoccupied.
- **Programmable Occupied and Unoccupied Temperature Setting** allows for high and low occupied/unoccupied setting for further energy savings.
- **High-visibility, backlit touchscreen** with a scratch-resistant, easy-to-clean surface.
- **Intuitive graphical user interface** with descriptive buttons.
- **“No manual needed”** simplified operation and programming.
- **Convenient “Clean Screen”** command prevents accidental change in settings while cleaning display.
- **Adjustable contrast** with white-on-black or black-on-white display.

INSTALLATION FEATURES

- **System Configuration Menu** allows selection of either “Heat Pump” or “Air Conditioner” compressor type for optimum system integration and performance.
- **Advanced Settings Menu** allows pre-programming the fan speeds for maximum comfort and energy efficiency.
- **Temperature Display** lets you select Fahrenheit or Celsius readings.

COMPONENTS INCLUDED:

- LG Wireless Wall Thermostat with integrated LCD touch screen
- LG Air Conditioner Wireless Interface Card
- User manual and installation instructions

LG DUCT-FREE SPLIT SYSTEMS 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.



Monitor power use and calculate cost of operation



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



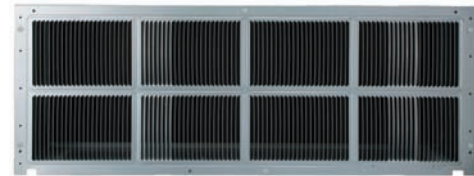
PACKAGED TERMINAL AIR CONDITIONERS

PARTS & ACCESSORIES

Description	Model #	Description	Model #	Description	Model #
42" Wall Sleeve	AYSVB01A	Wired Wall Thermostat	PYRCUCA0A	Condensate Disposal Kit 230/208V	AYCD2101
42" Stamped Aluminum Rear Grille	AYRGALA01	Wall Thermostat Connection Kit	AYWH101	Condensate Drain Kit	AYDR101
Architecture Grille - Aluminum	AYAGALA01A	EMS/Front Desk Control Connection Kit	AYFD101	Lateral Duct Kit	AYLD1A
Architecture Grille - Dark Bronze	AYAGALB01A			Leveling Legs	AYLL101
Architecture Grille - Soft Dove	AYAGALC01A			Control Panel Key Lock	AYCP101
Wireless Wall Thermostat	PYRCUCC0A	Sub Base 20A 230/208V	AYSB1101A	Remote Escutcheon Kit - 10 Pack	AYRE110
Current Tap	PYRCUCC1A	Sub Base 30A 230/208V	AYSB2101A	Replacement Filter - 10 Pack	AYFT110
110V Power Tap (option for wireless wall thermostat)		Fuse Holder Kit (230V, 30A)	AYFH1401		
Adapter Kit of Wireless Wall Thermostat for GE PTAC	PYADTGE1A	Hard Wire Kit	AYHW101	Hydronic/Steam Heat Coil Kit 230/208V	PYHSK1A
Adapter Kit of Wireless Wall Thermostat for Amana PTAC	PYADTAM1A			Hydronic/Steam Heat Coil Kit 265V	PYHSK2A
				Hydronic Valve 230/208V NC 1/2"	PYHV1A
				Hydronic Valve 265V NC 1/2"	PYHV2A
				Steam Valve 230/208V NC 1/2"	PYSV1A
				Steam Valve 265V NC 1/2"	PYSV2A



42" Wall Sleeve
AYSVB01A



42" Stamped Aluminum Grille
AYRGALA01



Architecture Grille - Aluminum
AYAGALA01A



Architecture Grille - Dark Bronze
AYAGALB01A



Architecture Grille - Soft Dove
AYAGALC01A



Wireless Energy Management Digital Thermostat with Occupancy Sensor
PYRCUCC0A
For technical support, call 866-908-6824, press #2



EMS/Front Desk Control Connection Kit
AYFD101



Fuse Holder Kit
AYFH1401



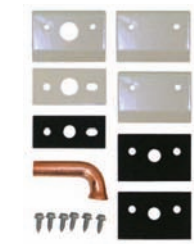
Digital Wired Wall Thermostat
PYRCUCA0A



Hardwire Kit
AYHW101



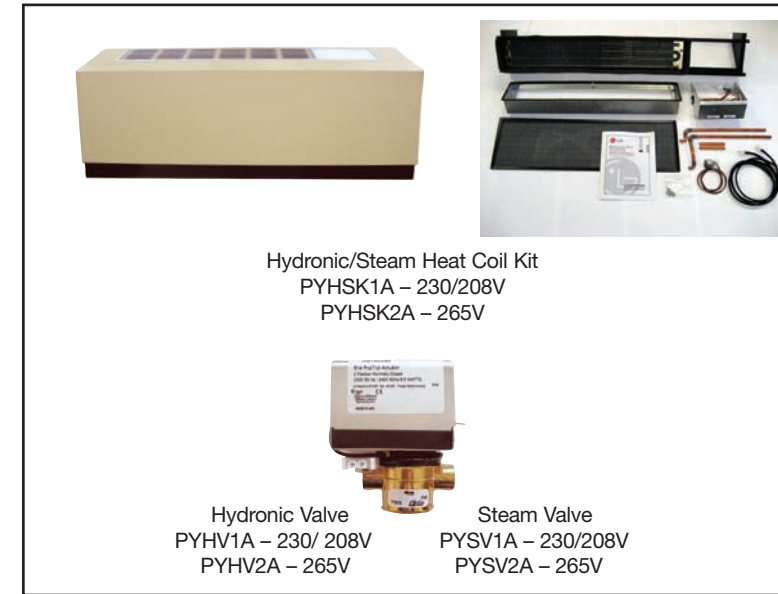
Condensate Disposal Kit
AYCD2101



Condensate Drain Kit
AYDR101

PACKAGED TERMINAL AIR CONDITIONERS

PARTS & ACCESSORIES



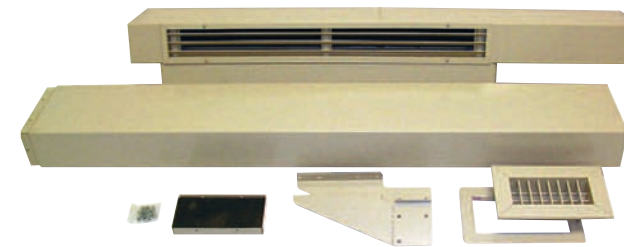
Hydronic/Steam Heat Coil Kit
PYHSK1A - 230/208V
PYHSK2A - 265V

Hydronic Valve
PYHV1A - 230/208V
PYHV2A - 265V

Steam Valve
PYSV1A - 230/208V
PYSV2A - 265V

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

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



Lateral Duct Kit
AYLD1A



Leveling Legs
AYLL101

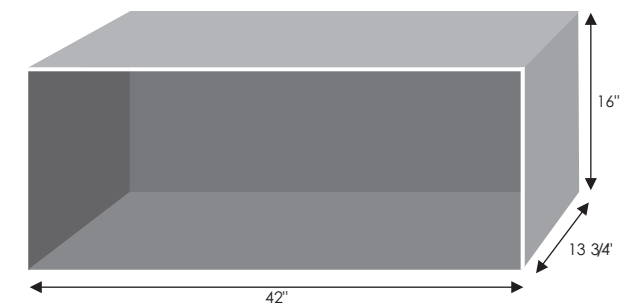
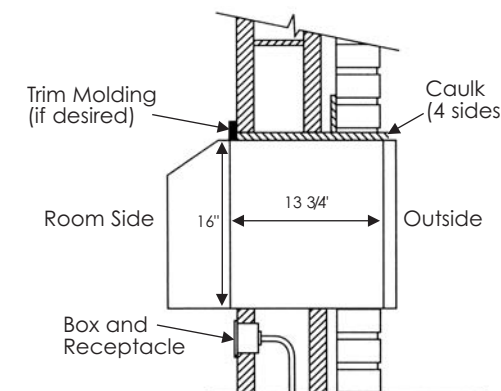


Control Panel Key Lock
AYCP101



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.



Trim Kit

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

Remote Control

Easy to use Wireless Remote Control.

THROUGH-THE-WALL AIR CONDITIONERS

8,000-14,000 BTUs

- **LT0810CR** (A/C Model)
8,000 BTUs Cooling
- **LT1010CR** (A/C Model)
9,800 BTUs Cooling
- **LT1030CR** (A/C Model)
10,000 BTUs Cooling
- **LT1210CR** (A/C Model)
11,500 BTUs Cooling
- **LT1230CR** (A/C Model)
11,500 BTUs Cooling
- **LT1430CR** (A/C Model)
13,000 BTUs Cooling



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

System Model #	LT0810CR	LT1010CR	LT1030CR	LT1210CR	LT1230CR	LT1430CR
Performance						
Capacity (BTUs)	8,000	9,800	10,000/9,800	11,500	11,500/11,200	13,000/12,600
EER	9.6	8.8	9.4/9.4	8.8	8.8/8.8	8.5/8.5
Energy Star						
Air Circulation (CFM H/L)	260/220	285/225	285/225	290/230	290/230	310/250
Fan Speeds (Cooling/Fan)	3/3	3/3	3/3	3/3	3/3	3/3
Dehumidification (pts/hr)	2.2	3.2	3.2	3.8	3.8	4.0
Indoor dB(A)*	49/46	51/48	51/48	52/49	52/49	53/50
Outdoor dB(A)*	59	60	60	61	61	62
Electrical						
Rated Voltage	115-60-1	115-60-1	230/208-60-1	115-60-1	230/208-60-1	230/208-60-1
Circuit Breaker (A)	15	15	15	15	15	15
Dimensions						
W x H x D (inches)	14 13/32 x 20 3/32	14 13/32 x 20 3/32	14 13/32 x 20 3/32	14 13/32 x 20 3/32	14 13/32 x 20 3/32	14 13/32 x 20 3/32
Weight (lbs.)	73.0	78.0	78.0	80.0	80.0	87.0
Thermostat Range						
Cooling (°F)	60-86	60-86	60-86	60-86	60-86	60-86

*LG verified sound rating.

THROUGH-THE-WALL AIR CONDITIONERS

10,000-12,000 BTUs

- C** **H** **LT1030HR** (H/C Model)
10,000 BTUs Cooling & Heating
- LT1230HR** (H/C Model)
11,500 BTUs Cooling & Heating



- 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

System Model #	LT1030HR	LT1230HR
Performance		
Capacity (BTUs)	C 10,000/9,800 H 11,200/9,200	11,500/11,200
EER	9.4/9.4	8.8/8.8
Energy Star		
Air Circulation (CFM H/L)	285/225	290/230
Fan Speeds (Cooling/Heating/Fan)	2/2/2	2/2/2
Dehumidification (pts/hr)	3.2	3.8
Indoor dB(A)*	51/48	52/49
Outdoor dB(A)*	60	61
Electrical		
Rated Voltage	230/208-60-1	230/208-60-1
Circuit Breaker (A)	20	20
Dimensions		
W x H x D (inches)	24 21/32 x 14 13/32 x 19 21/32	24 21/32 x 14 13/32 x 19 21/32
Weight (lbs.)	78.0	80.0
Thermostat Range		
Cooling/Heating (°F)	60-86/54-86	60-86/54-86

*LG verified sound rating.

THROUGH-THE-WALL AIR CONDITIONERS

OPTIONAL ACCESSORIES

Description	Model #
26" Wall Sleeve	AXSVA1A-1
Stamped Aluminum Grille	AXRGALA01
Wall Sleeve with Stamped Aluminum Grille	AXSVA4
Architectural Grille	AXAGALA01A



Wall Sleeve
AXSVA1A-1



Stamped Aluminum Grille
AXRGALA01



Wall Sleeve with Stamped
Aluminum Grill
AXSVA4



Architectural Grille
AXAGALA01A
Available in Aluminum,
Dark Bronze and Soft Dove

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 17/23
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.

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