

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,
 or email us at lghvac@lge.com



INNOVATIVE COMFORT SOLUTIONS

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



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



9,800 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
Heat Pump Inverter *Inverter*



42,000 BTUs
Heat Pump Inverter *Inverter*



24,000 and 42,000 BTUs
Heat Pump Inverter *Inverter*

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-, 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



WINDOW AIR CONDITIONER



7,000-24,000 BTUs
Heat/Cool

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 complement any décor. The Art Cool Customizable Art Panel works like a picture frame – any art or photograph can be displayed. Other Art Cool units come in a variety of beautiful colors and finishes to suit any room.

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

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

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



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

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

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

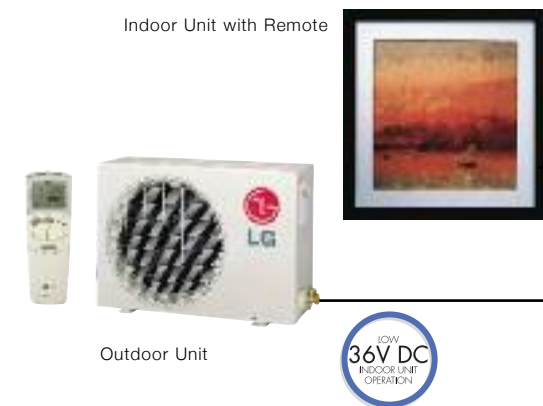
ART COOL™

ART COOL MINI-SPLIT SINGLE ZONE

Customized good looks

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

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



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

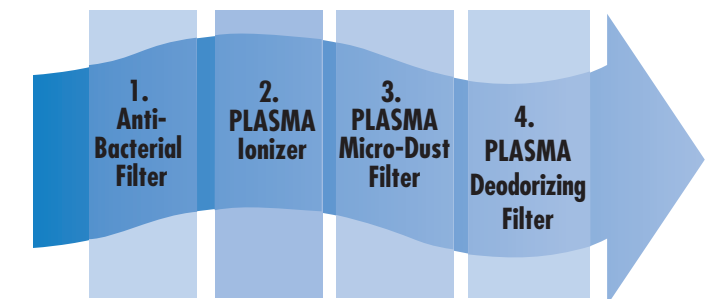
Available styles and finishes



Mini-Split Art Cool Indoor Unit Customizable Picture Art Panel



Mini-Split Art Cool Inverter Indoor Unit Mirror Finish



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:

- | | | | |
|--|---|--|--|
| <ul style="list-style-type: none"> • 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 | <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) • Auto sleep mode • Auto restart | <ul style="list-style-type: none"> • Built-in low ambient standard, down to 0°F (cooling mode) • 24-Hour on/off timer • Evaporator frost control • Gold Fin™ Anti-Corrosion <p>Interior Unit Includes:</p> <ul style="list-style-type: none"> • Wall unit • Installation plate & hardware | <ul style="list-style-type: none"> • Remote control, batteries, holder & holder hardware • Installation manual <p>Exterior Unit Includes:</p> <ul style="list-style-type: none"> • Exterior unit • Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included) MEA# : 316-06-E |
|--|---|--|--|

| 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 23 5/8 x 5 3/4 | 23 5/8 x 23 5/8 x 5 3/4 |
| Weight (lbs.) | 33.1 | 33.1 |
| Outdoor Dimensions | | |
| W x H x D (inches) | 30 5/16 x 21 5/16 x 9 5/8 | 30 5/16 x 21 5/16 x 9 5/8 |
| Weight (lbs.) | 70.5 | 70.5 |
| Thermostat Range | | |
| Cooling / Heating (°F) | 64-86 | 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:

- | | | | |
|--|---|--|--|
| <ul style="list-style-type: none"> • 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 | <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) • Auto sleep mode • Auto restart | <ul style="list-style-type: none"> • Built-in low ambient standard, down to 0°F (cooling mode) • 24-Hour on/off timer • Evaporator frost control • Gold Fin™ Anti-Corrosion <p>Interior Unit Includes:</p> <ul style="list-style-type: none"> • Wall unit • Installation plate & hardware | <ul style="list-style-type: none"> • Remote control, batteries, holder & holder hardware • Installation manual <p>Exterior Unit Includes:</p> <ul style="list-style-type: none"> • Exterior unit • Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included) MEA# : 316-06-E |
|--|---|--|--|

| 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 23 5/8 x 5 3/4 | 23 5/8 x 23 5/8 x 5 3/4 |
| Weight (lbs.) | 33.1 | 33.1 |
| Outdoor Dimensions | | |
| W x H x D (inches) | 30 5/16 x 21 5/16 x 9 5/8 | 30 5/16 x 21 5/16 x 9 5/8 |
| Weight (lbs.) | 70.5 | 70.5 |
| Thermostat Range | | |
| Cooling / Heating (°F) | 64-86 | 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



FEATURES:

- Inverter (Variable speed compressor)
 - R-410A Refrigerant
 - Plasma air purifying system
 - Chaos Swing
 - Self-cleaning indoor coil
 - Auto changeover
 - Jet Cool
 - Cooling/Heating/Fan Mode
 - Auto sleep mode
 - Ultra-quiet operation
 - Dehumidifying mode
 - Auto restart
 - 24-Hour on/off timer
 - Built-in low ambient standard, down to 14°F (cooling mode)
 - Manual power switch
 - Defrost control
 - Temperature display on indoor unit
 - Evaporator frost control
 - Energy Saving
 - Gold Fin™ Anti-Corrosion
- Interior Unit Includes:**
- Wall unit
 - Installation plate & hardware
 - Remote control, batteries, holder & holder hardware
 - Installation manual
 - Standard mirror panel
- Exterior Unit Includes:**
- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)
- MEAN# : 20-08-E

| 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 | |
| W x H x D (inches) | 35 3/16 x 11 1/8 x 6 1/2 |
| Weight (lbs.) | 23.1 |
| Outdoor Dimensions | |
| W x H x D (inches) | 30 5/16 x 21 5/16 x 9 5/8 |
| Weight (lbs.) | 83.8 |
| Thermostat Range | |
| Cooling / Heating (°F) | 64-86/60-86 |

*LG verified sound ratings

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

12,000 BTUs

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



FEATURES:

- Inverter (Variable speed compressor)
 - R-410A Refrigerant
 - Plasma air purifying system
 - Chaos Swing
 - Self-cleaning indoor coil
 - Auto changeover
 - Jet Cool
 - Cooling/Heating/Fan Mode
 - Auto sleep mode
 - Ultra-quiet operation
 - Dehumidifying mode
 - Auto restart
 - 24-Hour on/off timer
 - Built-in low ambient standard, down to 14°F (cooling mode)
 - Manual power switch
 - Defrost control
 - Temperature display on indoor unit
 - Evaporator frost control
 - Energy Saving
 - Gold Fin™ Anti-Corrosion
- Interior Unit Includes:**
- Wall unit
 - Installation plate & hardware
 - Remote control, batteries, holder & holder hardware
 - Installation manual
 - Standard mirror panel
- Exterior Unit Includes:**
- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)
- MEAN# : 20-08-E

| 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 | |
| W x H x D (inches) | 35 3/16 x 11 1/8 x 6 1/2 |
| Weight (lbs.) | 23.1 |
| Outdoor Dimensions | |
| W x H x D (inches) | 30 5/16 x 21 5/16 x 9 5/8 |
| Weight (lbs.) | 83.8 |
| Thermostat Range | |
| Cooling / Heating (°F) | 64-86/60-86 |

*LG verified sound ratings

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

18,000 BTUs

- LA185HV (H/P Model)**
 C 18,000 BTUs Cooling
 H 20,700 BTUs Heating



FEATURES:

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

Interior Unit Includes:

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

Exterior Unit Includes:

- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)
- MEA# : 20-08-E

| 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 | |
| W x H x D (inches) | 43 11/16 x 11 3/4 x 7 7/8 |
| Weight (lbs.) | 31.1 |
| Outdoor Dimensions | |
| W x H x D (inches) | 34 5/16 x 25 13/16 x 12 5/8 |
| Weight (lbs.) | 101.4 |
| Thermostat Range | |
| Cooling / Heating (°F) | 64-86/60-86 |

*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



FEATURES:

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

Interior Unit Includes:

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

Exterior Unit Includes:

- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)
- MEA# : 20-08-E

| 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 | |
| W x H x D (inches) | 43 11/16 x 11 3/4 x 7 7/8 |
| Weight (lbs.) | 31.1 |
| Outdoor Dimensions | |
| W x H x D (inches) | 34 5/16 x 25 13/16 x 12 5/8 |
| Weight (lbs.) | 172.2 |
| Thermostat Range | |
| Cooling / Heating (°F) | 64-86/60-86 |

*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.

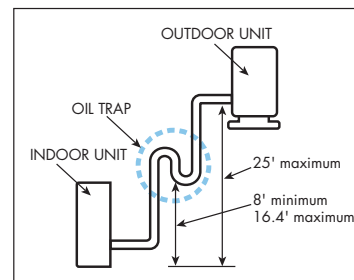


Figure A.
Example: 25 ft. maximum elevation.

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.

Available styles



Mini-Split Standard Indoor Unit
White
9,000-24,000 BTUs



Heat Pump Inverter
White
30,000 BTUs



Indoor Unit



Outdoor Unit



*9,000 - 24,000 BTUs units only



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:

- | | | | |
|---|---|--|---|
| <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Ultra-quiet operation • Evaporator frost control <p>Interior Unit Includes:</p> <ul style="list-style-type: none"> • Wall unit • Installation plate & hardware • Remote control, batteries, holder & holder hardware • Installation manual | <p>Exterior Unit Includes:</p> <ul style="list-style-type: none"> • Exterior unit • Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included) <p>MEA# : 20-08-E</p> |
|---|---|--|---|

| 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:

- | | | | |
|---|---|--|---|
| <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Ultra-quiet operation • Evaporator frost control <p>Interior Unit Includes:</p> <ul style="list-style-type: none"> • Wall unit • Installation plate & hardware • Remote control, batteries, holder & holder hardware • Installation manual | <p>Exterior Unit Includes:</p> <ul style="list-style-type: none"> • Exterior unit • Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included) <p>MEA# : 20-08-E</p> |
|---|---|--|---|

| 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)
- 18,000 BTUs Cooling
- LS182HE (H/P Model)
- 19,500 BTUs Cooling
- 19,500 BTUs Heating



FEATURES:

- | | | | |
|--|--|---|---|
| <ul style="list-style-type: none"> • Multi Power System™ • R-410A Refrigerant • Plasma air purifying system • Gold Fin™ Anti-corrosion • Dehumidifying mode • Chaos Swing • Jet Cool • Cooling mode • Heating mode (H/P model only) | <ul style="list-style-type: none"> • Fan mode • Auto operation • Manual power switch • Defrost control (H/P model only) • Temperature display on indoor unit • Auto sleep mode • Auto restart • 24-Hour on/off timer | <ul style="list-style-type: none"> • Ultra-quiet operation • Evaporator frost control • 4 Fan speeds | <ul style="list-style-type: none"> • Installation manual |
|--|--|---|---|
- Interior Unit Includes:**
- Wall unit
 - Installation plate & hardware
 - Remote control, batteries, holder & holder hardware
- Exterior Unit Includes:**
- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)
- MEA# : 20-08-E

| System Model # | LS182CE | LS182HE |
|-----------------------------|------------------------------------|------------------------------------|
| Indoor Model # | LSN182CE | LSN182HE |
| Outdoor Model # | LSU182CE | LSU182HE |
| Performance | | |
| Capacity (BTUs) | ● 18,000/17,800 | ● 19,500/19,000 ● 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)
- 22,500 BTUs Cooling
- LS242HE (H/P Model)
- 22,500 BTUs Cooling
- 22,500 BTUs Heating



FEATURES:

- | | | | |
|--|--|---|---|
| <ul style="list-style-type: none"> • Multi Power System™ • R-410A Refrigerant • Plasma air purifying system • Gold Fin™ Anti-corrosion • Dehumidifying mode • Chaos Swing • Jet Cool • Cooling mode • Heating mode (H/P model only) | <ul style="list-style-type: none"> • Fan mode • Auto operation • Manual power switch • Defrost control (H/P model only) • Temperature display on indoor unit • Auto sleep mode • Auto restart • 24-Hour on/off timer | <ul style="list-style-type: none"> • Ultra-quiet operation • Evaporator frost control • 4 Fan speeds | <ul style="list-style-type: none"> • Installation manual |
|--|--|---|---|
- Interior Unit Includes:**
- Wall unit
 - Installation plate & hardware
 - Remote control, batteries, holder & holder hardware
- Exterior Unit Includes:**
- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)
- MEA# : 20-08-E

| System Model # | LS242CE | LS242HE |
|-----------------------------|------------------------------------|------------------------------------|
| Indoor Model # | LSN242CE | LSN242HE |
| Outdoor Model # | LSU242CE | LSU242HE |
| Performance | | |
| Capacity (BTUs) | ● 22,500/22,100 | ● 22,500/22,100 ● 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 (Variable speed compressor) • R-410A Refrigerant • Plasma air purifying system • Gold Fin™ Anti-Corrosion • Chaos Swing • Self-cleaning indoor coil • Auto changeover • Jet Cool • Cooling/Heating/Fan Mode • Auto sleep mode | <ul style="list-style-type: none"> • Ultra-quiet operation • Dehumidifying mode • Auto restart • 24-Hour on/off timer • Built-in low ambient standard, down to 14°F (cooling mode) • Manual power switch • Defrost control • Temperature display on indoor unit | <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>ETL# : 3091879</p> |
|---|---|---|---|

| | |
|-----------------------|----------------|
| 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 | System | 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 | System | BTUs | Pipe Size | | Additional Refrigerant | Max. length each pipe | 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. | 100' | 50' |
| | H/P | C H | LS092HE | 9,800 | 1/4" | 1/2" | 0.22 oz./ft. | 50' | 25' |
| | H/P | C H | LS122HE | 11,500 | 1/4" | 1/2" | 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.

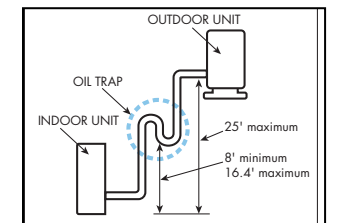


Figure A. Example: 25 ft. maximum elevation.



DUCT-FREE AIR CONDITIONERS

LG INTERNET SALES POLICY

Duct-Free Air Conditioning Products

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

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

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

FOR THE HVAC PROFESSIONAL

INSTALLATION • MATERIALS

Don't forget to **BUY...**

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

Don't forget to **BRING...**

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

REMEMBER THESE

OTHER INSTALLATION ITEMS TO CONSIDER



Low Ambient Wiring Kit
#ICM 326H



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



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



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-, TRI- & QUAD-ZONE AIR CONDITIONING SYSTEMS

Flex Multi-Split Systems

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

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



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



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



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

Available styles and finishes



Flex Multi-Split Art Cool Indoor Unit
Mirror Finish



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



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



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



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



Flex Multi-Split Standard Indoor Unit



Flex Multi-Split Ceiling Cassette
& Ceiling Concealed Duct

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

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
LMU185HV

TRI-ZONE
LMU245HV

QUAD-ZONE
LMU365HV



OUTDOOR UNITS H/P INVERTER

18,000-36,000 BTUs

- C H** LMU185HV
Dual-Zone
- C H** LMU245HV
Tri-Zone
- C H** LMU365HV
Quad-Zone



DUAL-ZONE
LMU185HV

TRI-ZONE
LMU245HV

QUAD-ZONE
LMU365HV

FEATURES:

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

| Outdoor Model H/P Inverter # | | | LMU185HV | LMU245HV | LMU365HV |
|---|--------------------------------------|------------|----------------|----------------|----------------|
| Capacity * | — | BTU/h | 18,000 Class | 24,000 Class | 36,000 Class |
| Power Input | | | | | |
| (Min.~Rated~Max.) | Cooling | kW | 0.52~1.26~2.05 | 0.72~1.64~3.27 | 0.72~3.21~3.92 |
| | Heating | kW | 0.77~1.63~2.18 | 0.72~2.86~3.5 | 0.72~3.7~4.10 |
| Running Current | Cooling | A | 2.3~5.7~9.5 | 3.0~7.2~14.5 | 3.0~14.2~17.3 |
| | Heating | A | 3.4~7.2~9.6 | 4.5~12.4~15.5 | 4.5~16.3~18.5 |
| Power Supply | — | Ø / V / Hz | 1/208~230/60 | 1/208~230/60 | 1/208~230/60 |
| Power Supply Cable (Outdoor) | — | No. x AWG | 3 x 14 | 3 x 12 | 3 x 12 |
| Transmission Cable (Outdoor to Indoor unit) | — | No. x AWG | 4 x 18 | 4 x 18 | 4 x 18 |
| Dimensions (W x H x D) | | inch | 34.3x25.8x12.6 | 34.3x31.8x12.6 | 34.3x31.8x12.6 |
| Net Weight | — | lbs | 115 | 143.3 | 143.3 |
| Max. # of Connectable Indoor Units | — | — | 2 | 3 | 4 |
| Refrigerant | Charge (at 24.6 ft.) | oz | 59.97 | 89.95 | 89.95 |
| | Type | — | R410A | R410A | R410A |
| | Control | — | EEV | EEV | EEV |
| Sound Level (H/L) | Sound Pressure | dB(A)+3 | 51/45 | 52 | 52 |
| Piping Connections | Liquid | inch | 1/4 x 2EA | 1/4 x 3EA | 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. | 73.8 | 123.0 | 123.0 |
| Max. Elevation Difference | Outdoor Unit~Indoor Unit | ft. | 49.2 | 49.2 | 49.2 |
| | Indoor Unit~Indoor Unit | ft. | 24.6 | 24.6 | 24.6 |
| Operation Range (Outdoor) | Cooling | °F | 14 ~114.8 | 14 ~114.8 | 14 ~114.8 |
| | Heating | °F | 5~ 75.2 | 5~ 75.2 | 5~ 75.2 |

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

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

STANDARD • FLEX MULTI-SPLIT

9,000-18,000 BTUs

- LMN095HV (H/P Model)
- LMN125HV (H/P Model)
- LMN185HV (H/P Model)



FEATURES:

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

Interior Unit Includes:

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

ETL# : 3091879

| Indoor Model H/P Inverter # | LMN095HV | LMN125HV | LMN185HV |
|--|----------------------|----------------------|--------------------|
| Performance | | | |
| Capacity* (BTU/h) | 9,000 Class | 12,000 Class | 18,000 Class |
| Fan Air Flow Rate (CMM) | 8.0/7.0/5.0 | 10.0/8.0/6.0 | 12.0/10.5/9.0 |
| (CFM) | 282/247/177 | 353/282/212 | 424/371/318 |
| Dehumidification Rate (l/h) | 1.2 | 1.5 | 2.3 |
| Sound Level H/M/L (dB(A)+3) | 31/26/22 | 35/28/24 | 37/34/31 |
| Electrical | | | |
| Running Current (A) | 0.15 | 0.15 | 0.15 |
| Power Supply (Ø/V/Hz) | 1/208~230/60 | 1/208~230/60 | 1/208~230/60 |
| Piping Connections | | | |
| Liquid (inches) | 1/4 | 1/4 | 1/4 |
| Gas (inches) | 3/8 | 3/8 | 1/2 |
| Drain OD,ID (inches) | 4/5, 5/8 | 4/5, 5/8 | 4/5, 5/8 |
| Temperature Sensor | Thermistor | Thermistor | Thermistor |
| Refrigerant | R410A | R410A | R410A |
| Power/Transmission Interunit Cable (No. x AWG) | 4 x 18 | 4 x 18 | 4 x 18 |
| Dimensions (WxHxD) | | | |
| Body (inches) | 35 1/4x11 3/32x6 1/2 | 35 1/4x11 3/32x6 1/2 | 42 29/32x12x7 3/32 |
| Decorative Panel (inches) | - | - | - |
| Net Weight Body (lbs) | 20.9 | 20.9 | 28.7 |
| Net Weight Decorative Panel (lbs) | - | - | - |

Note :

- 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

- LMAN095HV (H/P Model)
- LMAN125HV (H/P Model)
- LMAN185HV (H/P Model)



FEATURES:

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

Interior Unit Includes:

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

• Standard mirror panel
ETL# : 3091879

| Indoor Model H/P Inverter # | LMAN095HV | LMAN125HV | LMAN185HV |
|--|------------------|------------------|------------------|
| Performance | | | |
| Capacity* (BTU/h) | 9,000 Class | 12,000 Class | 18,000 Class |
| Fan Air Flow Rate (CMM) | 8.0/7.0/5.0 | 10.0/8.0/6.0 | 12.6/11.5/10 |
| (CFM) | 282/247/177 | 353/282/212 | 445/406/353 |
| Dehumidification Rate (l/h) | 1.2 | 1.5 | 2 |
| Sound Level H/M/L (dB(A)+3) | 31/26/22 | 35/28/24 | 39/37/35 |
| Electrical | | | |
| Running Current (A) | 0.15 | 0.15 | 0.15 |
| Power Supply (Ø/V/Hz) | 1/208~230/60 | 1/208~230/60 | 1/208~230/60 |
| Piping Connections | | | |
| Liquid (inches) | 1/4 | 1/4 | 1/4 |
| Gas (inches) | 3/8 | 3/8 | 1/2 |
| Drain OD,ID (inches) | 4/5, 5/8 | 4/5, 5/8 | 4/5, 5/8 |
| Temperature Sensor | Thermistor | Thermistor | Thermistor |
| Refrigerant | R410A | R410A | R410A |
| Power/Transmission Interunit Cable (No. x AWG) | 4 x 18 | 4 x 18 | 4 x 18 |
| Dimensions (WxHxD) | | | |
| Body (inches) | 36x11 3/32x6 1/2 | 36x11 3/32x6 1/2 | 43 9/16x12x7 7/8 |
| Decorative Panel (inches) | - | - | - |
| Net Weight Body (lbs) | 20.9 | 20.9 | 31.09 |
| Net Weight Decorative Panel (lbs) | - | - | - |

Note :

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

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

CEILING CONCEALED DUCT • FLEX MULTI-SPLIT

9,000-18,000 BTUs

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



FEATURES:

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

Interior Unit Includes:

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

| Indoor Model H/P Inverter # | LMDN095HV | LMDN125HV | LMDN185HV |
|--|-------------------------|-------------------------|---------------------------|
| Performance | | | |
| Capacity* (BTU/h) | 9,000 Class | 12,000 Class | 18,000 Class |
| Fan Air Flow Rate (CMM) | 8.5/7.5/6.5 | 9.5/8.5/7.5 | 15/13.5/11.5 |
| (CFM) | 300/265/230 | 335/300/265 | 530/477/406 |
| Dehumidification Rate (l/h) | 1 | 1.2 | 2 |
| Sound Level H/M/L (dB(A)+3) | 32/26/25 | 33/31/26 | 34/31/29 |
| Electrical | | | |
| Running Current (A) | 0.25 | 0.25 | 0.25 |
| Power Supply (Ø/V/Hz) | 1/208~230/60 | 1/208~230/60 | 1/208~230/60 |
| Piping Connections | | | |
| Liquid (inches) | 1/4 | 1/4 | 1/4 |
| Gas (inches) | 3/8 | 3/8 | 1/2 |
| Drain OD,ID (inches) | 1 1/4, 1 | 1 1/4, 1 | 1 1/4, 1 |
| Temperature Sensor | Thermistor | Thermistor | Thermistor |
| Refrigerant | R410A | R410A | R410A |
| Power/Transmission Interunit Cable (No. x AWG) | 4 x 18 | 4 x 18 | 4 x 18 |
| Dimensions (WxHxD) | | | |
| Body (inches) | 32 9/32x7 1/2x 22 21/32 | 32 9/32x7 1/2x 22 21/32 | 43 5/16x7 15/32x 22 21/32 |
| Decorative Panel (inches) | - | - | - |
| Net Weight Body (lbs) | 45.2 | 45.2 | 58.4 |
| Net Weight Decorative Panel (lbs) | - | - | - |

Note :

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

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

CEILING CASSETTE • FLEX MULTI-SPLIT

12,000-18,000 BTUs

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

* Cassette Grill sold separately
Model# : PT-UQC



FEATURES:

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

Interior Unit Includes:

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

| Indoor Model H/P Inverter # | LMCN125HV | LMCN185HV |
|--|------------------------|------------------------|
| Performance | | |
| Capacity* (BTU/h) | 12,000 Class | 18,000 Class |
| Fan Air Flow Rate (CMM) | 9.5/8/7 | 13/12/11 |
| (CFM) | 335/282/247 | 459/424/388 |
| Dehumidification Rate (l/h) | 2 | 2 |
| Sound Level H/M/L (dB(A)+3) | 38/35/32 | 38/37/34 |
| Electrical | | |
| Running Current (A) | 0.25 | 0.25 |
| Power Supply (Ø/V/Hz) | 1/208~230/60 | 1/208~230/60 |
| Piping Connections | | |
| Liquid (inches) | 1/4 | 1/4 |
| Gas (inches) | 3/8 | 1/2 |
| Drain OD,ID (inches) | 1 1/4, 1 | 1 1/4, 1 |
| Temperature Sensor | Thermistor | Thermistor |
| Refrigerant | R410A | R410A |
| Power/Transmission Interunit Cable (No. x AWG) | 4 x 18 | 4 x 18 |
| Dimensions (WxHxD) | | |
| Body (inches) | 22 7/16x8 7/16x22 7/16 | 22 7/16x10x22 7/16 |
| Decorative Panel (inches) | 27 6/19x1 3/16x27 6/19 | 27 6/19x1 3/16x27 6/19 |
| Net Weight Body (lbs) | 30.9 | 33.1 |
| Net Weight Decorative Panel (lbs) | 6.6 | 6.6 |

Note :

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

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

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

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

| Electrical Specifications | | | | | | | | |
|-------------------------------|------|-------|-----------|---------|-----------------|------|-------|------|
| Zone | Type | Model | Voltage | | Running Current | MCA* | MOP** | |
| | | | Indoor | Outdoor | | | | |
| Flex Multi-Split Indoor Units | H/P | Ⓜ | LMN095HV | 208/230 | — | 0.15 | — | — |
| | H/P | Ⓜ | LMAN095HV | 208/230 | — | 0.15 | — | — |
| | H/P | Ⓜ | LMDN095HV | 208/230 | — | 0.25 | — | — |
| | H/P | Ⓜ | LMN125HV | 208/230 | — | 0.15 | — | — |
| | H/P | Ⓜ | LMAN125HV | 208/230 | — | 0.15 | — | — |
| | H/P | Ⓜ | LMDN125HV | 208/230 | — | 0.25 | — | — |
| | H/P | Ⓜ | LMCN185HV | 208/230 | — | 0.25 | — | — |
| | H/P | Ⓜ | LMN185HV | 208/230 | — | 0.15 | — | — |
| | H/P | Ⓜ | LMAN185HV | 208/230 | — | 0.15 | — | — |
| | H/P | Ⓜ | LMDN185HV | 208/230 | — | 0.25 | — | — |
| Outdoor Units | H/P | Ⓜ | LMU185HV | — | 208/230 | — | 12.6 | 21.8 |
| | H/P | Ⓜ | LMU245HV | — | 208/230 | — | 16.4 | 28.7 |
| | H/P | Ⓜ | LMU365HV | — | 208/230 | — | 19.0 | 33.3 |

All equipment are single phase.

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



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

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

Refrigerant Line & Formula Specifications

| Type | Model | Pipe size | | Additional Refrigerant | Max. Length Each Pipe | Max. Elevation | | |
|------------------|-------|-----------|-----------|------------------------|-----------------------|----------------|-----|-----|
| | | Liquid | Suction | | | | | |
| Flex Multi-Split | H/P | Ⓜ | LMN095HV | 1/4" | 3/8" | 0.22 oz./ft. | 82' | 49' |
| | H/P | Ⓜ | LMAN095HV | 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 | Ⓜ | LMN125HV | 1/4" | 3/8" | 0.22 oz./ft. | 82' | 49' |
| | H/P | Ⓜ | LMAN125HV | 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 | Ⓜ | LMN185HV | 1/4" | 1/2" | 0.22 oz./ft. | 82' | 49' |
| | H/P | Ⓜ | LMAN185HV | 1/4" | 1/2" | 0.22 oz./ft. | 82' | 49' |
| | H/P | Ⓜ | LMDN185HV | 1/4" | 1/2" | 0.22 oz./ft. | 82' | 49' |
| H/P | Ⓜ | LMCN185HV | 1/4" | 1/2" | 0.22 oz./ft. | 82' | 49' | |

MULTI-SPLIT SYSTEM

| System | Combined With | Cooling Capacity | EER | SEER | Heating Capacity | COP | Low Heating Capacity | Low COP | HSPF | |
|----------|---------------------------|------------------|------|------|------------------|-----|----------------------|---------|------|---|
| | | BTU/h | | | BTU/h | | BTU/h | | | |
| LMU185HV | Non-Ducted Indoor Unit | 16,000 | 12.5 | 15.0 | 17,600 | 3.2 | 10,560 | 2.4 | 8.7 |  |
| | Ducted Indoor Unit | 17,000 | 12.1 | 15.4 | 19,000 | 3.4 | 13,130 | 2.5 | 8.5 | |
| | Mixed Ducted & Non-Ducted | 18,000 | 11.7 | 15.3 | 19,000 | 3.3 | 12,810 | 2.5 | 8.6 | |
| LMU245HV | Non-Ducted Indoor Unit | 21,000 | 12.5 | 19.1 | 28,800 | 3.2 | 20,160 | 2.5 | 10.3 |  |
| | Ducted Indoor Unit | 21,500 | 12.0 | 18.1 | 28,000 | 3.3 | 20,168 | 2.6 | 9.8 | |
| | Mixed Ducted & Non-Ducted | 22,000 | 11.5 | 18.6 | 28,800 | 3.3 | 20,664 | 2.5 | 10.1 | |
| LMU365HV | Non-Ducted Indoor Unit | 34,000 | 9.6 | 18.5 | 37,000 | 2.9 | 26,100 | 2.3 | 9.1 | |
| | Ducted Indoor Unit | 34,000 | 9.1 | 17.6 | 37,000 | 3.1 | 27,405 | 2.4 | 9.0 | |
| | Mixed Ducted & Non-Ducted | 34,000 | 9.4 | 18.1 | 37,000 | 3.0 | 26,750 | 2.3 | 9.1 | |

Accessory

Wired Wall Thermostat for Flex-Multi Split System
(Applied to Ceiling Concealed Duct, Ceiling Cassette)



PQRCUSA0

FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

LMU185HV

**Non Ducted Type Indoor Unit
Cooling**

| INDOOR UNIT | Combination of Indoor Unit (kBTU/h Class) | | | | | Room Capacity | | | | Total Capacity | | | | Input(W) | | | Current(A) | | | EER | SEER | | |
|----------------|---|--------|--------|--------|-------|----------------|----------------|----------------|----------------|----------------|-----|--------|-----|----------|-----|-----|------------|-------|-----|-----|------|--------|------|
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | Total | UNIT-A (BTU/h) | UNIT-B (BTU/h) | UNIT-C (BTU/h) | UNIT-D (BTU/h) | Min | | Middle | | Max | | Min | Middle | Max | Min | | | Middle | Max |
| 1 INDOOR UNIT | 9 | - | - | - | 9 | 9,000 | - | - | - | BTU/h | kW | BTU/h | kW | BTU/h | kW | 520 | 850 | 980 | 2.3 | 3.8 | 4.5 | - | - |
| | 12 | - | - | - | 12 | 12,000 | - | - | - | 6,300 | 1.9 | 9,000 | 2.6 | 9,900 | 2.9 | 640 | 1,070 | 1,320 | 2.8 | 4.7 | 5.7 | - | - |
| 2 INDOOR UNITS | 9 | 9 | - | - | 18 | 8,000 | 8,000 | - | - | 9,600 | 2.8 | 16,000 | 4.7 | 19,000 | 5.6 | 756 | 1,260 | 1,720 | 3.4 | 5.7 | 8.5 | 12.5 | 15.0 |
| | 9 | 12 | - | - | 21 | 6,857 | 9,143 | - | - | 9,600 | 2.8 | 16,000 | 4.7 | 19,000 | 5.6 | 780 | 1,300 | 1,850 | 3.6 | 6.0 | 9.0 | 12.5 | 15.0 |
| | 12 | 12 | - | - | 24 | 8,000 | 8,000 | - | - | 9,600 | 2.8 | 16,000 | 4.7 | 19,800 | 5.8 | 780 | 1,300 | 2,050 | 3.6 | 6.0 | 9.5 | 12.5 | 15.0 |

Heating

| INDOOR UNIT | Combination of Indoor Unit (kBTU/h Class) | | | | | Room Capacity | | | | Total Capacity | | | | Input(W) | | | Current(A) | | | COP | HSPF | | |
|----------------|---|--------|--------|--------|-------|----------------|----------------|----------------|----------------|----------------|-----|--------|-----|----------|-----|-------|------------|-------|-----|-----|------|--------|-----|
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | Total | UNIT-A (BTU/h) | UNIT-B (BTU/h) | UNIT-C (BTU/h) | UNIT-D (BTU/h) | Min | | Middle | | Max | | Min | Middle | Max | Min | | | Middle | Max |
| 1 INDOOR UNIT | 9 | - | - | - | 9 | 9,900 | - | - | - | BTU/h | kW | BTU/h | kW | BTU/h | kW | 770 | 1,290 | 1,520 | 3.4 | 5.7 | 6.6 | - | - |
| | 12 | - | - | - | 12 | 13,200 | - | - | - | 7,500 | 2.2 | 9,900 | 2.9 | 10,890 | 3.2 | 820 | 1,370 | 1,610 | 3.6 | 5.9 | 7.0 | - | - |
| 2 INDOOR UNITS | 9 | 9 | - | - | 18 | 8,800 | 8,800 | - | - | 10,560 | 3.1 | 17,600 | 5.2 | 21,000 | 6.2 | 980 | 1,630 | 2,000 | 4.3 | 7.2 | 8.8 | 3.2 | 8.7 |
| | 9 | 12 | - | - | 21 | 8,143 | 10,857 | - | - | 11,400 | 3.4 | 19,000 | 5.6 | 21,300 | 6.3 | 1,020 | 1,700 | 2,060 | 4.4 | 7.4 | 8.9 | 3.1 | 8.5 |
| | 12 | 12 | - | - | 24 | 9,500 | 9,500 | - | - | 11,400 | 3.4 | 19,000 | 5.6 | 21,300 | 6.3 | 1,100 | 1,840 | 2,180 | 4.9 | 8.1 | 9.6 | 3.2 | 8.5 |

**Ducted Type Indoor Unit
Cooling**

| INDOOR UNIT | Combination of Indoor Unit (kBTU/h Class) | | | | | Room Capacity | | | | Total Capacity | | | | Input(W) | | | Current(A) | | | EER | SEER | | |
|----------------|---|--------|--------|--------|-------|----------------|----------------|----------------|----------------|----------------|-----|--------|-----|----------|-----|-----|------------|-------|-----|-----|------|--------|------|
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | Total | UNIT-A (BTU/h) | UNIT-B (BTU/h) | UNIT-C (BTU/h) | UNIT-D (BTU/h) | Min | | Middle | | Max | | Min | Middle | Max | Min | | | Middle | Max |
| 1 INDOOR UNIT | 9 | - | - | - | 9 | 9,000 | - | - | - | BTU/h | kW | BTU/h | kW | BTU/h | kW | 550 | 890 | 1,030 | 2.3 | 4.0 | 4.7 | - | - |
| | 12 | - | - | - | 12 | 12,000 | - | - | - | 6,300 | 1.9 | 9,000 | 2.6 | 9,900 | 2.9 | 670 | 1,120 | 1,390 | 2.8 | 4.9 | 6.0 | - | - |
| 2 INDOOR UNITS | 9 | 9 | - | - | 18 | 9,000 | 9,000 | - | - | 10,800 | 3.2 | 18,000 | 5.3 | 19,000 | 5.6 | 790 | 1,320 | 1,810 | 3.6 | 6.0 | 7.9 | 11.7 | 15.4 |
| | 9 | 12 | - | - | 21 | 7,714 | 10,286 | - | - | 10,800 | 3.2 | 18,000 | 5.3 | 19,800 | 5.8 | 880 | 1,460 | 1,940 | 3.8 | 6.5 | 8.5 | 11.6 | 14.6 |
| | 12 | 12 | - | - | 24 | 9,000 | 9,000 | - | - | 10,800 | 3.2 | 18,000 | 5.3 | 19,800 | 5.8 | 980 | 1,530 | 2,150 | 4.3 | 7.1 | 9.0 | 11.4 | 14.6 |

Heating

| INDOOR UNIT | Combination of Indoor Unit (kBTU/h Class) | | | | | Room Capacity | | | | Total Capacity | | | | Input(W) | | | Current(A) | | | COP | HSPF | | |
|----------------|---|--------|--------|--------|-------|----------------|----------------|----------------|----------------|----------------|-----|--------|-----|----------|-----|-------|------------|-------|-----|-----|------|--------|-----|
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | Total | UNIT-A (BTU/h) | UNIT-B (BTU/h) | UNIT-C (BTU/h) | UNIT-D (BTU/h) | Min | | Middle | | Max | | Min | Middle | Max | Min | | | Middle | Max |
| 1 INDOOR UNIT | 9 | - | - | - | 9 | 9,900 | - | - | - | BTU/h | kW | BTU/h | kW | BTU/h | kW | 730 | 1,230 | 1,440 | 3.2 | 5.4 | 6.3 | - | - |
| | 12 | - | - | - | 12 | 13,200 | - | - | - | 7,500 | 2.2 | 9,900 | 2.9 | 10,890 | 3.2 | 780 | 1,300 | 1,530 | 3.4 | 5.6 | 6.7 | - | - |
| 2 INDOOR UNITS | 9 | 9 | - | - | 18 | 9,500 | 9,500 | - | - | 11,400 | 3.4 | 19,000 | 5.6 | 21,000 | 6.2 | 930 | 1,550 | 1,900 | 4.1 | 6.8 | 8.4 | 3.4 | 8.5 |
| | 9 | 12 | - | - | 21 | 8,486 | 11,314 | - | - | 11,880 | 3.5 | 19,800 | 5.8 | 23,000 | 6.8 | 970 | 1,620 | 1,960 | 4.2 | 7.0 | 8.5 | 3.2 | 8.2 |
| | 12 | 12 | - | - | 24 | 9,900 | 9,900 | - | - | 11,880 | 3.5 | 19,800 | 5.8 | 23,000 | 6.8 | 1,050 | 1,750 | 2,070 | 4.7 | 7.7 | 9.1 | 3.3 | 8.2 |

Ducted Type Indoor Unit



FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

LMU245HV

Non Ducted Type Indoor Unit Cooling

| INDOOR UNIT | Combination of Indoor Unit (kBTU/h Class) | | | | | Room Capacity | | | | Total Capacity | | | | | | Input(W) | | | Current(A) | | | EER | SEER |
|----------------|---|--------|--------|--------|-------|----------------|----------------|----------------|----------------|----------------|-----|--------|-----|--------|-----|----------|--------|-------|------------|--------|------|------|------|
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | Total | UNIT-A (BTU/h) | UNIT-B (BTU/h) | UNIT-C (BTU/h) | UNIT-D (BTU/h) | Min | | Middle | | Max | | Min | Middle | Max | Min | Middle | Max | | |
| | | | | | | | | | | BTU/h | kW | BTU/h | kW | BTU/h | kW | | | | | | | | |
| 1 INDOOR UNIT | 9 | - | - | - | 9 | 9,000 | - | - | - | 6,300 | 1.9 | 9,000 | 2.6 | 9,900 | 2.9 | 720 | 900 | 1,125 | 3.0 | 4.4 | 5.5 | - | - |
| | 12 | - | - | - | 12 | 12,000 | - | - | - | 7,200 | 2.1 | 12,000 | 3.5 | 13,200 | 3.9 | 720 | 1,090 | 1,360 | 3.0 | 4.9 | 6.1 | - | - |
| | 18 | - | - | - | 18 | 18,000 | - | - | - | 10,800 | 3.2 | 18,000 | 5.3 | 19,800 | 5.8 | 900 | 1,500 | 2,310 | 4.0 | 6.7 | 10.2 | - | - |
| 2 INDOOR UNITS | 9 | 9 | - | - | 18 | 9,000 | 9,000 | - | - | 10,800 | 3.2 | 18,000 | 5.3 | 19,800 | 5.8 | 900 | 1,500 | 2,434 | 4.0 | 6.7 | 10.8 | 11.4 | 17.5 |
| | 9 | 12 | - | - | 21 | 8,357 | 11,143 | - | - | 11,700 | 3.4 | 19,500 | 5.7 | 21,450 | 6.3 | 942 | 1,570 | 2,632 | 4.2 | 7.0 | 11.7 | 11.4 | 17.5 |
| | 12 | 12 | - | - | 24 | 10,250 | 10,250 | - | - | 12,300 | 3.6 | 20,500 | 6.0 | 28,800 | 8.5 | 984 | 1,640 | 2,830 | 4.3 | 7.2 | 12.6 | 11.4 | 17.5 |
| | 9 | 18 | - | - | 27 | 6,833 | 13,667 | - | - | 12,300 | 3.6 | 20,500 | 6.0 | 31,000 | 9.1 | 984 | 1,640 | 3,270 | 4.3 | 7.2 | 14.5 | 11.6 | 17.9 |
| 3 INDOOR UNITS | 12 | 18 | - | - | 30 | 8,200 | 12,300 | - | - | 12,300 | 3.6 | 20,500 | 6.0 | 31,000 | 9.1 | 984 | 1,640 | 3,270 | 4.3 | 7.2 | 14.5 | 11.6 | 17.9 |
| | 9 | 9 | 9 | - | 27 | 7,000 | 7,000 | 7,000 | - | 12,600 | 3.7 | 21,000 | 6.2 | 31,000 | 9.1 | 1,008 | 1,680 | 3,270 | 4.4 | 7.4 | 14.5 | 12.5 | 19.1 |
| | 9 | 9 | 12 | - | 30 | 6,300 | 6,300 | 8,400 | - | 12,600 | 3.7 | 21,000 | 6.2 | 31,000 | 9.1 | 1,008 | 1,680 | 3,270 | 4.4 | 7.4 | 14.5 | 12.5 | 18.7 |
| | 9 | 12 | 12 | - | 33 | 5,727 | 7,636 | 7,636 | - | 12,600 | 3.7 | 21,000 | 6.2 | 31,000 | 9.1 | 1,008 | 1,680 | 3,270 | 4.4 | 7.4 | 14.5 | 12.5 | 18.7 |

Heating

| INDOOR UNIT | Combination of Indoor Unit (kBTU/h Class) | | | | | Room Capacity | | | | Total Capacity | | | | | | Input(W) | | | Current(A) | | | COP | HSPF |
|----------------|---|--------|--------|--------|-------|----------------|----------------|----------------|----------------|----------------|-----|--------|-----|--------|-----|----------|--------|-------|------------|--------|------|-----|------|
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | Total | UNIT-A (BTU/h) | UNIT-B (BTU/h) | UNIT-C (BTU/h) | UNIT-D (BTU/h) | Min | | Middle | | Max | | Min | Middle | Max | Min | Middle | Max | | |
| | | | | | | | | | | BTU/h | kW | BTU/h | kW | BTU/h | kW | | | | | | | | |
| 1 INDOOR UNIT | 9 | - | - | - | 9 | 9,900 | - | - | - | 7,500 | 2.2 | 9,900 | 2.9 | 10,890 | 3.2 | 720 | 1,200 | 2,000 | 4.5 | 5.6 | 9.1 | 2.4 | - |
| | 12 | - | - | - | 12 | 13,200 | - | - | - | 7,920 | 2.3 | 13,200 | 3.9 | 14,520 | 4.3 | 1,020 | 1,700 | 2,240 | 4.8 | 7.9 | 10.2 | 2.3 | - |
| | 18 | - | - | - | 18 | 19,800 | - | - | - | 11,880 | 3.5 | 19,800 | 5.8 | 21,780 | 6.4 | 1,476 | 2,460 | 3,090 | 6.7 | 11.2 | 14.0 | 2.4 | - |
| 2 INDOOR UNITS | 9 | 9 | - | - | 18 | 10,350 | 10,350 | - | - | 12,420 | 3.7 | 20,700 | 6.1 | 22,770 | 6.7 | 1,554 | 2,590 | 3,090 | 6.9 | 11.4 | 14.1 | 2.3 | 8.5 |
| | 9 | 12 | - | - | 21 | 9,611 | 12,814 | - | - | 13,455 | 4.0 | 22,425 | 6.6 | 26,560 | 7.8 | 1,608 | 2,680 | 3,100 | 7.2 | 12.0 | 13.9 | 2.5 | 8.5 |
| | 12 | 12 | - | - | 24 | 14,400 | 14,400 | - | - | 17,280 | 5.1 | 28,000 | 8.5 | 32,000 | 9.4 | 1,716 | 2,860 | 3,300 | 7.5 | 12.4 | 14.6 | 3.0 | 8.5 |
| | 9 | 18 | - | - | 27 | 9,600 | 19,200 | - | - | 17,280 | 5.1 | 28,000 | 8.5 | 33,000 | 9.7 | 1,716 | 2,860 | 3,300 | 7.5 | 12.4 | 14.6 | 3.0 | 8.7 |
| 3 INDOOR UNITS | 12 | 18 | - | - | 30 | 11,520 | 17,280 | - | - | 17,280 | 5.1 | 28,000 | 8.5 | 33,000 | 9.7 | 1,932 | 3,220 | 3,500 | 8.4 | 14.0 | 15.5 | 2.6 | 8.7 |
| | 9 | 9 | 9 | - | 27 | 9,600 | 9,600 | 9,600 | - | 17,280 | 5.1 | 28,000 | 8.5 | 33,000 | 9.7 | 1,596 | 2,660 | 3,300 | 7.1 | 11.8 | 14.6 | 3.2 | 10.3 |
| | 9 | 9 | 12 | - | 30 | 8,640 | 8,640 | 11,520 | - | 17,280 | 5.1 | 28,800 | 8.5 | 33,000 | 9.7 | 1,932 | 3,220 | 3,500 | 8.5 | 14.2 | 15.5 | 2.6 | 9.5 |
| | 9 | 12 | 12 | - | 33 | 7,855 | 10,473 | 10,473 | - | 17,280 | 5.1 | 28,800 | 8.5 | 33,000 | 9.7 | 1,932 | 3,220 | 3,500 | 8.5 | 14.2 | 15.5 | 2.6 | 9.5 |

Ducted Type Indoor Unit Cooling

| INDOOR UNIT | Combination of Indoor Unit (kBTU/h Class) | | | | | Room Capacity | | | | Total Capacity | | | | | | Input(W) | | | Current(A) | | | EER | SEER |
|----------------|---|--------|--------|--------|-------|----------------|----------------|----------------|----------------|----------------|-----|--------|-----|--------|-----|----------|--------|-------|------------|--------|------|------|------|
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | Total | UNIT-A (BTU/h) | UNIT-B (BTU/h) | UNIT-C (BTU/h) | UNIT-D (BTU/h) | Min | | Middle | | Max | | Min | Middle | Max | Min | Middle | Max | | |
| | | | | | | | | | | BTU/h | kW | BTU/h | kW | BTU/h | kW | | | | | | | | |
| 1 INDOOR UNIT | 9 | - | - | - | 9 | 9,000 | - | - | - | 6,300 | 1.9 | 9,000 | 2.6 | 9,900 | 2.9 | 760 | 950 | 1,180 | 3.2 | 4.6 | 5.8 | - | - |
| | 12 | - | - | - | 12 | 12,000 | - | - | - | 7,200 | 2.1 | 12,000 | 3.5 | 13,200 | 3.9 | 760 | 1,140 | 1,430 | 3.2 | 5.1 | 6.4 | - | - |
| | 18 | - | - | - | 18 | 18,000 | - | - | - | 10,800 | 3.2 | 18,000 | 5.3 | 19,800 | 5.8 | 950 | 1,580 | 2,430 | 4.2 | 7.0 | 10.7 | - | - |
| 2 INDOOR UNITS | 9 | 9 | - | - | 18 | 9,000 | 9,000 | - | - | 10,800 | 3.2 | 18,000 | 5.3 | 19,800 | 5.8 | 950 | 1,580 | 2,560 | 4.2 | 7.0 | 11.3 | 10.8 | 16.6 |
| | 9 | 12 | - | - | 21 | 8,571 | 11,429 | - | - | 12,000 | 3.5 | 20,000 | 5.9 | 22,000 | 6.5 | 990 | 1,600 | 2,760 | 4.4 | 7.1 | 12.3 | 10.8 | 16.6 |
| | 12 | 12 | - | - | 24 | 10,250 | 10,250 | - | - | 12,300 | 3.6 | 20,500 | 6.0 | 28,800 | 8.5 | 1,030 | 1,670 | 2,970 | 4.5 | 7.4 | 13.2 | 10.8 | 16.6 |
| | 9 | 18 | - | - | 27 | 6,833 | 13,667 | - | - | 12,300 | 3.6 | 20,500 | 6.0 | 31,000 | 9.1 | 1,030 | 1,670 | 3,430 | 4.5 | 7.4 | 15.2 | 11.0 | 17.0 |
| 3 INDOOR UNITS | 12 | 18 | - | - | 30 | 8,200 | 12,300 | - | - | 12,300 | 3.6 | 20,500 | 6.0 | 31,000 | 9.1 | 1,030 | 1,670 | 3,430 | 4.5 | 7.4 | 15.2 | 11.0 | 17.0 |
| | 9 | 9 | 9 | - | 27 | 7,333 | 7,333 | 7,333 | - | 13,200 | 3.9 | 22,000 | 6.5 | 31,000 | 9.1 | 1,060 | 1,740 | 3,430 | 4.7 | 7.5 | 15.2 | 11.5 | 18.1 |
| | 9 | 9 | 12 | - | 30 | 6,600 | 6,600 | 8,800 | - | 13,200 | 3.9 | 22,000 | 6.5 | 31,000 | 9.1 | 1,060 | 1,740 | 3,430 | 4.7 | 7.5 | 15.2 | 11.1 | 17.8 |
| | 9 | 12 | 12 | - | 33 | 6,000 | 8,000 | 8,000 | - | 13,200 | 3.9 | 22,000 | 6.5 | 31,000 | 9.1 | 1,060 | 1,740 | 3,430 | 4.7 | 7.5 | 15.2 | 11.1 | 17.8 |



FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

Ducted Type Indoor Unit *continued*
Heating

| INDOOR UNIT | Combination of Indoor Unit (kBTU/h Class) | | | | | Room Capacity | | | | Total Capacity | | | | | | Input(W) | | | Current(A) | | | COP | HSPF |
|----------------|---|--------|--------|--------|-------|----------------|----------------|----------------|----------------|----------------|-----|--------|-----|--------|-----|----------|-------|-------|------------|-------|------|-----|------|
| | | | | | | | | | | Min | | Middle | | Max | | Min | Rated | Max | Min | Rated | Max | | |
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | Total | UNIT-A (BTU/h) | UNIT-B (BTU/h) | UNIT-C (BTU/h) | UNIT-D (BTU/h) | BTU/h | kW | BTU/h | kW | BTU/h | kW | | | | | | | | |
| 1 INDOOR UNIT | 9 | - | - | - | 9 | 9,900 | - | - | - | 7,500 | 2.2 | 9,900 | 2.9 | 10,890 | 3.2 | 720 | 1,140 | 1,900 | 4.3 | 5.3 | 8.7 | - | - |
| | 12 | - | - | - | 12 | 13,200 | - | - | - | 7,920 | 2.3 | 13,200 | 3.9 | 14,520 | 4.3 | 850 | 1,620 | 2,130 | 4.5 | 7.5 | 9.7 | - | - |
| | 18 | - | - | - | 18 | 19,800 | - | - | - | 11,880 | 3.5 | 19,800 | 5.8 | 21,780 | 6.4 | 970 | 2,340 | 2,940 | 6.4 | 10.7 | 13.3 | - | - |
| 2 INDOOR UNITS | 9 | 9 | - | - | 18 | 10,350 | 10,350 | - | - | 12,420 | 3.7 | 20,700 | 6.1 | 22,770 | 6.7 | 1,400 | 2,460 | 2,940 | 6.5 | 10.9 | 13.4 | 2.5 | 8.1 |
| | 9 | 12 | - | - | 21 | 9,857 | 13,143 | - | - | 13,800 | 4.1 | 23,000 | 6.8 | 26,560 | 7.8 | 1,480 | 2,550 | 2,950 | 6.9 | 11.4 | 13.2 | 2.6 | 8.1 |
| | 12 | 12 | - | - | 24 | 14,400 | 14,400 | - | - | 17,280 | 5.1 | 28,800 | 8.5 | 32,000 | 9.4 | 1,530 | 2,720 | 3,140 | 7.1 | 11.8 | 13.9 | 3.1 | 8.1 |
| | 9 | 18 | - | - | 27 | 9,600 | 19,200 | - | - | 17,280 | 5.1 | 28,800 | 8.5 | 33,000 | 9.7 | 1,630 | 2,720 | 3,140 | 7.1 | 11.8 | 13.9 | 3.1 | 8.3 |
| 3 INDOOR UNITS | 12 | 18 | - | - | 30 | 11,520 | 17,280 | - | - | 17,280 | 5.1 | 28,800 | 8.5 | 33,000 | 9.7 | 1,630 | 3,060 | 3,330 | 8.0 | 13.3 | 14.8 | 2.8 | 8.3 |
| | 9 | 9 | 9 | - | 27 | 9,600 | 9,600 | 9,600 | - | 17,280 | 5.1 | 28,800 | 8.5 | 33,000 | 9.7 | 1,840 | 2,530 | 3,140 | 6.7 | 11.2 | 13.9 | 3.3 | 9.8 |
| | 9 | 9 | 12 | - | 30 | 8,640 | 8,640 | 11,520 | - | 17,280 | 5.1 | 28,800 | 8.5 | 33,000 | 9.7 | 1,520 | 3,060 | 3,330 | 8.1 | 13.5 | 14.8 | 2.8 | 9.0 |
| | 9 | 12 | 12 | - | 33 | 7,855 | 10,473 | 10,473 | - | 17,280 | 5.1 | 28,800 | 8.5 | 33,000 | 9.7 | 1,840 | 3,060 | 3,330 | 8.1 | 13.5 | 14.8 | 2.8 | 9.0 |

LMU365HV

Non Ducted Type Indoor Unit
Cooling

| INDOOR UNIT | Combination of Indoor Unit (kBTU/h Class) | | | | | Room Capacity | | | | Total Capacity | | | | | | Input(W) | | | Current(A) | | | EER | SEER | |
|----------------|---|--------|--------|--------|-------|----------------|----------------|----------------|----------------|----------------|--------|--------|--------|--------|--------|----------|-------|-------|------------|-------|------|------|------|------|
| | | | | | | | | | | Min | | Middle | | Max | | Min | Rated | Max | Min | Rated | Max | | | |
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | Total | UNIT-A (BTU/h) | UNIT-B (BTU/h) | UNIT-C (BTU/h) | UNIT-D (BTU/h) | BTU/h | kW | BTU/h | kW | BTU/h | kW | | | | | | | | | |
| 1 INDOOR UNIT | 9 | - | - | - | 9 | 9,000 | - | - | - | 6,300 | 1.9 | 9,000 | 2.6 | 9,900 | 2.9 | 720 | 900 | 1,125 | 3.0 | 4.4 | 5.5 | 10.0 | - | |
| | 12 | - | - | - | 12 | 12,000 | - | - | - | 7,200 | 2.1 | 12,000 | 3.5 | 13,200 | 3.9 | 720 | 1,090 | 1,360 | 3.0 | 4.9 | 6.1 | 11.0 | - | |
| | 18 | - | - | - | 18 | 18,000 | - | - | - | 10,800 | 3.2 | 18,000 | 5.3 | 19,800 | 5.8 | 900 | 1,500 | 2,310 | 4.0 | 6.7 | 10.2 | 12.0 | - | |
| 2 INDOOR UNITS | 9 | 9 | - | - | 18 | 9,000 | 9,000 | - | - | 10,800 | 3.2 | 18,000 | 5.3 | 19,800 | 5.8 | 934 | 1,556 | 2,434 | 4.1 | 6.9 | 10.8 | 11.6 | 15.1 | |
| | 9 | 12 | - | - | 21 | 9,000 | 12,000 | - | - | 12,600 | 3.7 | 21,000 | 6.2 | 23,100 | 6.8 | 1,025 | 1,708 | 2,632 | 4.4 | 7.4 | 11.7 | 12.3 | 15.3 | |
| | 12 | 12 | - | - | 24 | 12,000 | 12,000 | - | - | 14,400 | 4.2 | 24,000 | 7.1 | 26,400 | 7.8 | 1,116 | 1,860 | 2,830 | 4.7 | 7.8 | 12.5 | 12.9 | 15.7 | |
| | 9 | 18 | - | - | 27 | 9,000 | 18,000 | - | - | 16,200 | 4.8 | 27,000 | 7.9 | 29,700 | 8.7 | 1,320 | 2,200 | 3,270 | 5.6 | 9.3 | 14.4 | 12.3 | 16.4 | |
| | 12 | 18 | - | - | 30 | 11,600 | 17,400 | - | - | 17,400 | 5.1 | 29,000 | 8.5 | 32,000 | 9.4 | 1,578 | 2,630 | 3,710 | 6.5 | 10.8 | 16.3 | 11.0 | 16.4 | |
| | 18 | 18 | - | - | 36 | 16,500 | 16,500 | - | - | 19,800 | 5.8 | 33,000 | 9.7 | 35,000 | 10.3 | 2,124 | 3,540 | 3,920 | 8.5 | 14.2 | 17.3 | 9.3 | 16.4 | |
| 3 INDOOR UNITS | 9 | 9 | 9 | - | 27 | 9,000 | 9,000 | 9,000 | - | 16,200 | 4.8 | 27,000 | 7.9 | 29,700 | 8.7 | 1,320 | 2,200 | 3,270 | 5.6 | 9.3 | 14.4 | 12.3 | 16.8 | |
| | 9 | 9 | 12 | - | 30 | 9,000 | 9,000 | 12,000 | - | 18,000 | 5.3 | 30,000 | 8.8 | 33,000 | 9.7 | 1,578 | 2,630 | 3,710 | 6.5 | 10.8 | 16.3 | 11.4 | 16.8 | |
| | 9 | 12 | 12 | - | 33 | 8,618 | 11,491 | 11,491 | - | 18,960 | 5.6 | 31,600 | 9.3 | 34,500 | 10.1 | 1,812 | 3,020 | 3,815 | 7.5 | 12.5 | 16.8 | 10.5 | 16.8 | |
| | 12 | 12 | 12 | - | 36 | 11,333 | 11,333 | 11,333 | - | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,124 | 3,540 | 3,920 | 8.5 | 14.2 | 17.3 | 9.6 | 16.8 | |
| | 9 | 9 | 18 | - | 36 | 8,500 | 8,500 | 17,000 | - | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,124 | 3,540 | 3,920 | 8.5 | 14.2 | 17.3 | 9.6 | 17.0 | |
| | 9 | 12 | 18 | - | 39 | 7,846 | 10,462 | 15,692 | - | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,124 | 3,540 | 3,920 | 8.5 | 14.2 | 17.3 | 9.6 | 17.0 | |
| | 12 | 12 | 18 | - | 42 | 9,714 | 9,714 | 14,571 | - | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,124 | 3,540 | 3,920 | 8.5 | 14.2 | 17.3 | 9.6 | 17.0 | |
| | 9 | 18 | 18 | - | 45 | 6,800 | 13,600 | 13,600 | - | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,124 | 3,540 | 3,920 | 8.5 | 14.2 | 17.3 | 9.6 | 17.5 | |
| | 12 | 18 | 18 | - | 48 | 8,500 | 12,750 | 12,750 | - | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,124 | 3,540 | 3,920 | 8.5 | 14.2 | 17.3 | 9.6 | 17.5 | |
| | 4 INDOOR UNITS | 9 | 9 | 9 | 9 | 36 | 8,500 | 8,500 | 8,500 | 8,500 | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,124 | 3,540 | 3,920 | 8.5 | 14.2 | 17.3 | 9.6 | 18.5 |
| | | 9 | 9 | 9 | 12 | 39 | 7,846 | 7,846 | 7,846 | 10,462 | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,124 | 3,540 | 3,920 | 8.5 | 14.2 | 17.3 | 9.6 | 18.5 |
| | | 9 | 9 | 12 | 12 | 42 | 7,286 | 7,286 | 9,714 | 9,714 | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,124 | 3,540 | 3,920 | 8.5 | 14.2 | 17.3 | 9.6 | 18.5 |
| 9 | | 12 | 12 | 12 | 45 | 6,800 | 9,067 | 9,067 | 9,067 | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,124 | 3,540 | 3,920 | 8.5 | 14.2 | 17.3 | 9.6 | 18.5 | |
| 9 | | 9 | 9 | 18 | 45 | 6,800 | 6,800 | 6,800 | 13,600 | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,124 | 3,540 | 3,920 | 8.5 | 14.2 | 17.3 | 9.6 | 18.5 | |
| 12 | | 12 | 12 | 12 | 48 | 8,500 | 8,500 | 8,500 | 8,500 | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,124 | 3,540 | 3,920 | 8.5 | 14.2 | 17.3 | 9.6 | 18.5 | |



FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

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

| INDOOR UNIT | Combination of Indoor Unit (kBTU/h Class) | | | | | Room Capacity | | | | Total Capacity | | | | | | Input(W) | | | Current(A) | | | COP | HSPF |
|----------------|---|--------|--------|--------|-------|----------------|----------------|----------------|----------------|----------------|-----|--------|------|--------|------|----------|-------|-------|------------|-------|------|-----|------|
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | Total | UNIT-A (BTU/h) | UNIT-B (BTU/h) | UNIT-C (BTU/h) | UNIT-D (BTU/h) | Min | | Middle | | Max | | Min | Rated | Max | Min | Rated | Max | | |
| | | | | | | | | | | BTU/h | kW | BTU/h | kW | BTU/h | kW | | | | | | | | |
| 1 INDOOR UNIT | 9 | - | - | - | 9 | 9,900 | - | - | - | 7,500 | 2.2 | 9,900 | 2.9 | 10,890 | 3.2 | 720 | 1,200 | 2,000 | 4.5 | 5.6 | 9.1 | 2.4 | - |
| | 12 | - | - | - | 12 | 13,200 | - | - | - | 7,920 | 2.3 | 13,200 | 3.9 | 14,520 | 4.3 | 1,020 | 1,700 | 2,240 | 4.8 | 7.9 | 10.2 | 2.3 | - |
| | 18 | - | - | - | 18 | 19,800 | - | - | - | 11,880 | 3.5 | 19,800 | 5.8 | 21,780 | 6.4 | 1,476 | 2,460 | 3,090 | 6.7 | 11.2 | 14.0 | 2.4 | - |
| 2 INDOOR UNITS | 9 | 9 | - | - | 18 | 10,350 | 10,350 | - | - | 12,420 | 3.7 | 20,700 | 6.1 | 22,770 | 6.7 | 1,554 | 2,590 | 3,090 | 6.9 | 11.4 | 14.1 | 2.3 | 8.5 |
| | 9 | 12 | - | - | 21 | 10,350 | 13,800 | - | - | 14,490 | 4.3 | 24,150 | 7.1 | 26,560 | 7.8 | 1,608 | 2,680 | 3,100 | 7.2 | 12.0 | 13.9 | 2.6 | 8.5 |
| | 12 | 12 | - | - | 24 | 13,800 | 13,800 | - | - | 16,560 | 4.9 | 27,600 | 8.1 | 30,360 | 8.9 | 1,662 | 2,770 | 3,300 | 7.5 | 12.4 | 13.4 | 2.9 | 8.5 |
| | 9 | 18 | - | - | 27 | 10,350 | 20,700 | - | - | 18,630 | 5.5 | 31,050 | 9.1 | 34,150 | 10.0 | 1,770 | 2,950 | 3,500 | 7.9 | 13.2 | 15.7 | 3.1 | 8.7 |
| | 12 | 18 | - | - | 30 | 13,340 | 20,010 | - | - | 20,010 | 5.9 | 33,350 | 9.8 | 36,680 | 10.8 | 1,878 | 3,130 | 4,010 | 8.4 | 14.0 | 18.0 | 3.1 | 8.7 |
| | 18 | 18 | - | - | 36 | 18,975 | 18,975 | - | - | 22,770 | 6.7 | 37,950 | 11.2 | 40,000 | 11.8 | 2,166 | 3,610 | 4,010 | 8.4 | 14.0 | 18.0 | 3.1 | 8.7 |
| 3 INDOOR UNITS | 9 | 9 | 9 | - | 27 | 10,350 | 10,350 | 10,350 | - | 18,630 | 5.5 | 31,050 | 9.1 | 35,700 | 10.5 | 1,800 | 3,000 | 3,500 | 8.0 | 13.4 | 15.1 | 3.0 | 8.9 |
| | 9 | 9 | 12 | - | 30 | 10,350 | 10,350 | 13,800 | - | 20,700 | 6.1 | 34,500 | 10.1 | 38,640 | 11.4 | 1,932 | 3,220 | 4,000 | 8.5 | 14.2 | 17.9 | 3.1 | 8.9 |
| | 9 | 12 | 12 | - | 33 | 9,911 | 13,215 | 13,215 | - | 21,804 | 6.4 | 36,340 | 10.7 | 39,820 | 11.7 | 2,076 | 3,460 | 4,050 | 9.2 | 15.3 | 18.2 | 3.1 | 8.9 |
| | 12 | 12 | 12 | - | 36 | 12,333 | 12,333 | 12,333 | - | 22,200 | 6.5 | 37,000 | 10.9 | 41,000 | 12.1 | 2,220 | 3,700 | 4,100 | 9.8 | 16.3 | 18.5 | 2.9 | 8.9 |
| | 9 | 9 | 18 | - | 36 | 9,250 | 9,250 | 18,500 | - | 22,200 | 6.5 | 37,000 | 10.9 | 41,000 | 12.1 | 2,220 | 3,700 | 4,100 | 9.8 | 16.3 | 18.5 | 2.9 | 9.1 |
| | 9 | 12 | 18 | - | 39 | 8,538 | 11,385 | 17,077 | - | 22,200 | 6.5 | 37,000 | 10.9 | 41,300 | 12.1 | 2,220 | 3,700 | 4,100 | 9.8 | 16.3 | 18.5 | 2.9 | 9.1 |
| | 12 | 12 | 18 | - | 42 | 10,571 | 10,571 | 15,857 | - | 22,200 | 6.5 | 37,000 | 10.9 | 41,600 | 12.2 | 2,220 | 3,700 | 4,100 | 9.8 | 16.3 | 18.5 | 2.9 | 9.1 |
| | 9 | 18 | 18 | - | 45 | 7,400 | 14,800 | 14,800 | - | 22,200 | 6.5 | 37,000 | 10.9 | 42,000 | 12.3 | 2,220 | 3,700 | 4,100 | 9.8 | 16.3 | 18.5 | 2.9 | 9.1 |
| | 12 | 18 | 18 | - | 48 | 9,250 | 13,875 | 13,875 | - | 22,200 | 6.5 | 37,000 | 10.9 | 42,300 | 12.4 | 2,220 | 3,700 | 4,100 | 9.8 | 16.3 | 18.5 | 2.9 | 9.1 |
| 4 INDOOR UNITS | 9 | 9 | 9 | 9 | 36 | 9,250 | 9,250 | 9,250 | 9,250 | 22,200 | 6.5 | 37,000 | 10.9 | 41,000 | 12.1 | 2,220 | 3,700 | 4,100 | 9.8 | 16.3 | 18.5 | 2.9 | 9.1 |
| | 9 | 9 | 9 | 12 | 39 | 8,538 | 8,538 | 8,538 | 11,385 | 22,200 | 6.5 | 37,000 | 10.9 | 42,300 | 12.4 | 2,220 | 3,700 | 4,100 | 9.8 | 16.3 | 18.5 | 2.9 | 9.1 |
| | 9 | 9 | 12 | 12 | 42 | 7,929 | 7,929 | 10,571 | 10,571 | 22,200 | 6.5 | 37,000 | 10.9 | 41,600 | 12.2 | 2,220 | 3,700 | 4,100 | 9.8 | 16.3 | 18.5 | 2.9 | 9.1 |
| | 9 | 12 | 12 | 12 | 45 | 7,400 | 9,867 | 9,867 | 9,867 | 22,200 | 6.5 | 37,000 | 10.9 | 42,000 | 12.3 | 2,220 | 3,700 | 4,100 | 9.8 | 16.3 | 18.5 | 2.9 | 9.1 |
| | 9 | 9 | 9 | 18 | 45 | 7,400 | 7,400 | 7,400 | 14,800 | 22,200 | 6.5 | 37,000 | 10.9 | 42,000 | 12.3 | 2,220 | 3,700 | 4,100 | 9.8 | 16.3 | 18.5 | 2.9 | 9.1 |
| | 12 | 12 | 12 | 12 | 48 | 9,250 | 9,250 | 9,250 | 9,250 | 22,200 | 6.5 | 37,000 | 10.9 | 42,000 | 12.3 | 2,220 | 3,700 | 4,100 | 9.8 | 16.3 | 18.5 | 2.9 | 9.1 |

**Ducted Type Indoor Unit
Cooling**

| INDOOR UNIT | Combination of Indoor Unit (kBTU/h Class) | | | | | Room Capacity | | | | Total Capacity | | | | | | Input(W) | | | Current(A) | | EER | SEER | |
|----------------|---|--------|--------|--------|-------|----------------|----------------|----------------|----------------|----------------|--------|--------|--------|--------|-------|----------|-------|-------|------------|-------|------|------|------|
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | Total | UNIT-A (BTU/h) | UNIT-B (BTU/h) | UNIT-C (BTU/h) | UNIT-D (BTU/h) | Min | | Middle | | Max | | Min | Rated | Max | Min | Rated | | | Max |
| | | | | | | | | | | BTU/h | kW | BTU/h | kW | BTU/h | kW | | | | | | | | |
| 1 INDOOR UNIT | 9 | - | - | - | 9 | 9,000 | - | - | - | 6,300 | 1.9 | 9,000 | 2.6 | 9,900 | 2.9 | 760 | 950 | 1,180 | 3.2 | 4.6 | 5.8 | 9.5 | - |
| | 12 | - | - | - | 12 | 12,000 | - | - | - | 7,200 | 2.1 | 12,000 | 3.5 | 13,200 | 3.9 | 760 | 1,140 | 1,430 | 3.2 | 5.1 | 6.4 | 10.5 | - |
| | 18 | - | - | - | 18 | 18,000 | - | - | - | 10,800 | 3.2 | 18,000 | 5.3 | 19,800 | 5.8 | 950 | 1,580 | 2,430 | 4.2 | 7.0 | 10.7 | 11.4 | - |
| 2 INDOOR UNITS | 9 | 9 | - | - | 18 | 9,000 | 9,000 | - | - | 10,800 | 3.2 | 18,000 | 5.3 | 19,800 | 5.8 | 980 | 1,630 | 2,560 | 4.3 | 7.2 | 11.3 | 11.0 | 14.3 |
| | 9 | 12 | - | - | 21 | 9,000 | 12,000 | - | - | 12,600 | 3.7 | 21,000 | 6.2 | 23,100 | 6.8 | 1,080 | 1,790 | 2,760 | 4.6 | 7.7 | 12.2 | 11.7 | 14.5 |
| | 12 | 12 | - | - | 24 | 12,000 | 12,000 | - | - | 14,400 | 4.2 | 24,000 | 7.1 | 26,400 | 7.8 | 1,170 | 1,950 | 2,970 | 4.9 | 8.2 | 13.1 | 12.3 | 14.9 |
| | 9 | 18 | - | - | 27 | 9,000 | 18,000 | - | - | 16,200 | 4.8 | 27,000 | 7.9 | 29,700 | 8.7 | 1,390 | 2,310 | 3,430 | 5.9 | 9.8 | 15.1 | 11.7 | 15.6 |
| | 12 | 18 | - | - | 30 | 11,600 | 17,400 | - | - | 17,400 | 5.1 | 29,000 | 8.5 | 32,000 | 9.4 | 1,660 | 2,760 | 3,900 | 6.8 | 11.3 | 17.1 | 10.5 | 15.6 |
| | 18 | 18 | - | - | 36 | 16,500 | 16,500 | - | - | 19,800 | 5.8 | 33,000 | 9.7 | 35,000 | 10.3 | 2,230 | 3,720 | 4,120 | 8.9 | 14.9 | 18.2 | 8.9 | 15.6 |
| 3 INDOOR UNITS | 9 | 9 | 9 | - | 27 | 9,000 | 9,000 | 9,000 | - | 16,200 | 4.8 | 27,000 | 7.9 | 29,700 | 8.7 | 1,390 | 2,310 | 3,430 | 5.9 | 9.8 | 15.1 | 11.7 | 16.0 |
| | 9 | 9 | 12 | - | 30 | 9,000 | 9,000 | 12,000 | - | 18,000 | 5.3 | 30,000 | 8.8 | 33,000 | 9.7 | 1,660 | 2,760 | 3,900 | 6.8 | 11.3 | 17.1 | 10.8 | 16.0 |
| | 9 | 12 | 12 | - | 33 | 8,618 | 11,491 | 11,491 | - | 18,960 | 5.6 | 31,600 | 9.3 | 34,500 | 10.1 | 1,900 | 3,170 | 4,010 | 7.9 | 13.1 | 17.6 | 9.9 | 16.0 |
| | 12 | 12 | 12 | - | 36 | 11,333 | 11,333 | 11,333 | - | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,230 | 3,720 | 4,010 | 8.9 | 14.9 | 17.6 | 9.1 | 16.0 |
| | 9 | 9 | 18 | - | 36 | 8,500 | 8,500 | 17,000 | - | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,230 | 3,720 | 4,010 | 8.9 | 14.9 | 17.6 | 9.1 | 16.2 |
| 9 | 12 | 18 | - | 39 | 7,846 | 10,462 | 15,692 | - | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,230 | 3,720 | 4,010 | 8.9 | 14.9 | 17.6 | 9.1 | 16.2 | |



FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

Ducted Type Indoor Unit *continued*
Cooling

| INDOOR UNIT | Combination of Indoor Unit (kBTU/h Class) | | | | | Room Capacity | | | | Total Capacity | | | | | | Input(W) | | | Current(A) | | | EER | SEER |
|----------------|---|--------|--------|--------|-------|----------------|----------------|----------------|----------------|----------------|-----|--------|------|--------|------|----------|-------|-------|------------|-------|------|-----|------|
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | Total | UNIT-A (BTU/h) | UNIT-B (BTU/h) | UNIT-C (BTU/h) | UNIT-D (BTU/h) | Min | | Middle | | Max | | Min | Rated | Max | Min | Rated | Max | | |
| | | | | | | | | | | BTU/h | kW | BTU/h | kW | BTU/h | kW | | | | | | | | |
| | 12 | 12 | 18 | - | 42 | 9,714 | 9,714 | 14,571 | - | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,230 | 3,720 | 4,010 | 8.9 | 14.9 | 17.6 | 9.1 | 16.2 |
| | 9 | 18 | 18 | - | 45 | 6,800 | 13,600 | 13,600 | - | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,230 | 3,720 | 4,010 | 8.9 | 14.9 | 17.6 | 9.1 | 16.6 |
| | 12 | 18 | 18 | - | 48 | 8,500 | 12,750 | 12,750 | - | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,230 | 3,720 | 4,010 | 8.9 | 14.9 | 17.6 | 9.1 | 16.6 |
| 4 INDOOR UNITS | 9 | 9 | 9 | 9 | 36 | 8,500 | 8,500 | 8,500 | 8,500 | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,230 | 3,720 | 4,010 | 8.9 | 14.9 | 17.6 | 9.1 | 17.6 |
| | 9 | 9 | 9 | 12 | 39 | 7,846 | 7,846 | 7,846 | 10,462 | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,230 | 3,720 | 4,010 | 8.9 | 14.9 | 17.6 | 9.1 | 17.6 |
| | 9 | 9 | 12 | 12 | 42 | 7,286 | 7,286 | 9,714 | 9,714 | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,230 | 3,720 | 4,010 | 8.9 | 14.9 | 17.6 | 9.1 | 17.6 |
| | 9 | 12 | 12 | 12 | 45 | 6,800 | 9,067 | 9,067 | 9,067 | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,230 | 3,720 | 4,010 | 8.9 | 14.9 | 17.6 | 9.1 | 17.6 |
| | 9 | 9 | 9 | 18 | 45 | 6,800 | 6,800 | 6,800 | 13,600 | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,230 | 3,720 | 4,010 | 8.9 | 14.9 | 17.6 | 9.1 | 17.6 |
| | 12 | 12 | 12 | 12 | 48 | 8,500 | 8,500 | 8,500 | 8,500 | 20,400 | 6.0 | 34,000 | 10.0 | 36,000 | 10.6 | 2,230 | 3,720 | 4,010 | 8.9 | 14.9 | 17.6 | 9.1 | 17.6 |

Heating

| INDOOR UNIT | Combination of Indoor Unit (kBTU/h Class) | | | | | Room Capacity | | | | Total Capacity | | | | | | Input(W) | | | Current(A) | | | COP | HSPF |
|----------------|---|--------|--------|--------|-------|----------------|----------------|----------------|----------------|----------------|-----|--------|------|--------|------|----------|-------|-------|------------|-------|------|-----|------|
| | UNIT-A | UNIT-B | UNIT-C | UNIT-D | Total | UNIT-A (BTU/h) | UNIT-B (BTU/h) | UNIT-C (BTU/h) | UNIT-D (BTU/h) | Min | | Middle | | Max | | Min | Rated | Max | Min | Rated | Max | | |
| | | | | | | | | | | BTU/h | kW | BTU/h | kW | BTU/h | kW | | | | | | | | |
| 1 INDOOR UNIT | 9 | - | - | - | 9 | 9,900 | - | - | - | 7,500 | 2.2 | 9,900 | 2.9 | 10,890 | 3.2 | 720 | 1,140 | 1,900 | 4.3 | 5.3 | 8.7 | 2.5 | - |
| | 12 | - | - | - | 12 | 13,200 | - | - | - | 7,920 | 2.3 | 13,200 | 3.9 | 14,520 | 4.3 | 970 | 1,620 | 2,130 | 4.5 | 7.5 | 9.7 | 2.4 | - |
| | 18 | - | - | - | 18 | 19,800 | - | - | - | 11,880 | 3.5 | 19,800 | 5.8 | 21,780 | 6.4 | 1,400 | 2,340 | 2,940 | 6.4 | 10.7 | 13.3 | 2.5 | - |
| 2 INDOOR UNITS | 9 | 9 | - | - | 18 | 10,350 | 10,350 | - | - | 12,420 | 3.7 | 20,700 | 6.1 | 22,770 | 6.7 | 1,480 | 2,460 | 2,940 | 6.5 | 10.9 | 13.4 | 2.5 | 8.1 |
| | 9 | 12 | - | - | 21 | 10,350 | 13,800 | - | - | 14,490 | 4.3 | 24,150 | 7.1 | 26,560 | 7.8 | 1,530 | 2,550 | 2,950 | 6.9 | 11.4 | 13.2 | 2.8 | 8.1 |
| | 12 | 12 | - | - | 24 | 13,800 | 13,800 | - | - | 16,560 | 4.9 | 27,600 | 8.1 | 30,360 | 8.9 | 1,580 | 2,630 | 3,140 | 7.1 | 11.8 | 12.7 | 3.1 | 8.1 |
| | 9 | 18 | - | - | 27 | 10,350 | 20,700 | - | - | 18,630 | 5.5 | 31,050 | 9.1 | 34,150 | 10.0 | 1,680 | 2,800 | 3,330 | 7.5 | 12.6 | 14.9 | 3.2 | 8.3 |
| | 12 | 18 | - | - | 30 | 13,340 | 20,010 | - | - | 20,010 | 5.9 | 33,350 | 9.8 | 36,680 | 10.8 | 1,780 | 2,970 | 3,810 | 8.0 | 13.3 | 17.1 | 3.3 | 8.3 |
| | 18 | 18 | - | - | 36 | 18,975 | 18,975 | - | - | 22,770 | 6.7 | 37,950 | 11.2 | 40,000 | 11.8 | 2,060 | 3,430 | 3,810 | 8.0 | 13.3 | 17.1 | 3.2 | 8.3 |
| 3 INDOOR UNITS | 9 | 9 | 9 | - | 27 | 10,350 | 10,350 | 10,350 | - | 18,630 | 5.5 | 31,050 | 9.1 | 35,700 | 10.5 | 1,710 | 2,850 | 3,330 | 7.6 | 12.7 | 14.3 | 3.2 | 8.5 |
| | 9 | 9 | 12 | - | 30 | 10,350 | 10,350 | 13,800 | - | 20,700 | 6.1 | 34,500 | 10.1 | 38,640 | 11.4 | 1,840 | 3,060 | 3,800 | 8.1 | 13.5 | 17.0 | 3.3 | 8.5 |
| | 9 | 12 | 12 | - | 33 | 9,911 | 13,215 | 13,215 | - | 21,804 | 6.4 | 36,340 | 10.7 | 39,820 | 11.7 | 1,970 | 3,290 | 3,850 | 8.7 | 14.5 | 17.3 | 3.2 | 8.5 |
| | 12 | 12 | 12 | - | 36 | 12,333 | 12,333 | 12,333 | - | 22,200 | 6.5 | 37,000 | 10.9 | 41,000 | 12.1 | 2,110 | 3,520 | 3,900 | 9.3 | 15.5 | 17.6 | 3.1 | 8.5 |
| | 9 | 9 | 18 | - | 36 | 9,250 | 9,250 | 18,500 | - | 22,200 | 6.5 | 37,000 | 10.9 | 41,000 | 12.1 | 2,110 | 3,520 | 3,900 | 9.3 | 15.5 | 17.6 | 3.1 | 8.6 |
| | 9 | 12 | 18 | - | 39 | 8,538 | 11,385 | 17,077 | - | 22,200 | 6.5 | 37,000 | 10.9 | 41,300 | 12.1 | 2,110 | 3,520 | 3,900 | 9.3 | 15.5 | 17.6 | 3.1 | 8.6 |
| | 12 | 12 | 18 | - | 42 | 10,571 | 10,571 | 15,857 | - | 22,200 | 6.5 | 37,000 | 10.9 | 41,600 | 12.2 | 2,110 | 3,520 | 3,900 | 9.3 | 15.5 | 17.6 | 3.1 | 8.6 |
| | 9 | 18 | 18 | - | 45 | 7,400 | 14,800 | 14,800 | - | 22,200 | 6.5 | 37,000 | 10.9 | 42,000 | 12.3 | 2,110 | 3,520 | 3,900 | 9.3 | 15.5 | 17.6 | 3.1 | 8.9 |
| | 12 | 18 | 18 | - | 48 | 9,250 | 13,875 | 13,875 | - | 22,200 | 6.5 | 37,000 | 10.9 | 42,300 | 12.4 | 2,110 | 3,520 | 3,900 | 9.3 | 15.5 | 17.6 | 3.1 | 8.9 |
| 4 INDOOR UNITS | 9 | 9 | 9 | 9 | 36 | 9,250 | 9,250 | 9,250 | 9,250 | 22,200 | 6.5 | 37,000 | 10.9 | 41,000 | 12.1 | 2,110 | 3,520 | 3,900 | 9.3 | 15.5 | 17.6 | 3.1 | 9.0 |
| | 9 | 9 | 9 | 12 | 39 | 8,538 | 8,538 | 8,538 | 11,385 | 22,200 | 6.5 | 37,000 | 10.9 | 42,300 | 12.4 | 2,110 | 3,520 | 3,900 | 9.3 | 15.5 | 17.6 | 3.1 | 9.0 |
| | 9 | 9 | 12 | 12 | 42 | 7,929 | 7,929 | 10,571 | 10,571 | 22,200 | 6.5 | 37,000 | 10.9 | 41,600 | 12.2 | 2,110 | 3,520 | 3,900 | 9.3 | 15.5 | 17.6 | 3.1 | 9.0 |
| | 9 | 12 | 12 | 12 | 45 | 7,400 | 9,867 | 9,867 | 9,867 | 22,200 | 6.5 | 37,000 | 10.9 | 42,000 | 12.3 | 2,110 | 3,520 | 3,900 | 9.3 | 15.5 | 17.6 | 3.1 | 9.0 |
| | 9 | 9 | 9 | 18 | 45 | 7,400 | 7,400 | 7,400 | 14,800 | 22,200 | 6.5 | 37,000 | 10.9 | 42,000 | 12.3 | 2,110 | 3,520 | 3,900 | 9.3 | 15.5 | 17.6 | 3.1 | 9.0 |
| | 12 | 12 | 12 | 12 | 48 | 9,250 | 9,250 | 9,250 | 9,250 | 22,200 | 6.5 | 37,000 | 10.9 | 42,000 | 12.3 | 2,110 | 3,520 | 3,900 | 9.3 | 15.5 | 17.6 | 3.1 | 9.0 |



LG
Life's Good

INNOVATIVE COMFORT SOLUTIONS

DUCT-FREE FLOOR STANDING & CEILING CASSETTE AIR CONDITIONING SYSTEMS

High-Capacity Split Systems

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

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



Duct-Free Split Floor Standing Indoor Units



Duct-Free Split Ceiling Cassette Indoor Units White Finish



Single Zone Split Systems Floor Standing

Single Zone Split Systems Ceiling Cassette



FLOOR STANDING & CEILING CASSETTE

DUCT-FREE • FLOOR STANDING SINGLE ZONE

24,000 BTUs

- LF245HV (H/P Model)**
C 24,000 BTUs Cooling
H 26,000 BTUs Heating



42,000 BTUs

- LF425HV (H/P Model)**
C 42,000 BTUs Cooling
H 44,000 BTUs Heating



FEATURES:

- Inverter (Variable speed compressor)
- R-410a Refrigerant
- Three-dimensional cooling (24k BTUs Only)
- Jet Cool
- Cooling mode
- Dehumidifying mode
- Evaporator frost control
- 7-Hour on/off timer
- Auto restart
- Auto Changeover
- Plasma Air Purifying System (24k BTUs Only)
- Built-in remote control holder
- Temperature display on indoor unit
- Control lock function

- Exterior Unit Includes:**
- Ultra-quiet turbo fan (24k BTUs Only)
 - Gold Fin™ Anti-Corrosion
 - Sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)
- Interior Unit Includes:**
- Floor standing unit
 - Remote control & batteries
 - Installation manual
- ETL# : 3091879

| System Model # | LF245HV | LF425HV |
|-------------------------------|----------------------------|----------------------------------|
| Indoor Model # | LFN245HV | LFN425HV |
| Outdoor Model # | LUU245HV | LUU425HV |
| Performance | | |
| Capacity (BTUs) | C H 24,000/26,000 | 42,000/44,000 |
| SEER | 13 | 13 |
| HSPF | 7.7 | 7.7 |
| EER | 9.6/10.2 | 9.0/9.5 |
| Air Circulation (CFM H/M/L) | 671/565/459 | 1,236/1,059/882 |
| Fan Speeds (Cooling/Fan) | 3/3 | 3/3 |
| Dehumidification (pts/hr) | | |
| Indoor dB(A)* | 45/42/40 | 56/53/51 |
| Outdoor dB(A)* | 55 | 58 |
| Electrical | | |
| Rated Voltage Outdoor | 230/208-60-1 | 230/208-60-1 |
| Rated Voltage Indoor | 230/208 | 230/208 |
| Power Input (Cooling/Heating) | 2,500/2,550 | 4,670/4,630 |
| Max Power Input | 3,800 | 5,700 |
| Indoor Dimensions | | |
| W x H x D (inches) | 22 4/9 x 71 2/3 x 12 3/5 | 23 7/32 x 71 1/4 x 17 5/16 |
| Weight (lbs.) | 94.8 | 127.9 |
| Outdoor Dimensions | | |
| W x H x D (inches) | 34 1/4 x 31 1/2 x 12 19/32 | 37 13/32 x 54 21/64 x 12 31/32 x |
| Weight (lbs.) | 132.3 | 227.1 |
| Thermostat Range | | |
| Cooling (°F) | 64-86 | 64-86 |
| Heating (°F) | 60-86 | 60-86 |

*LG verified sound ratings

Warranty: 2 years parts; 5 years compressor.
 See page 45 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.



DUCT-FREE • CEILING CASSETTE SINGLE ZONE

24,000 BTUs

- LC245HV (H/P Model)**
C 24,000 BTUs Cooling
H 26,000 BTUs Heating



42,000 BTUs

- LC425HV (H/P Model)**
C 42,000 BTUs Cooling
H 44,000 BTUs Heating



FEATURES:

- Inverter (Variable speed compressor)
- R-410A Refrigerant
- Internal condensate pump included
- Swirl Wind
- Four-way cooling
- Jet Cool
- Cooling mode
- Dehumidifying mode
- Fan mode
- Independent vane control
- 5 fan speeds
- Evaporator frost control
- 24-Hour on/off timer
- Auto restart
- Auto changeover
- Temperature display on remote
- Ultra-quiet turbo fan
- Gold Fin™ Anti-Corrosion

- Interior Unit Includes:**
- Ceiling unit
 - Wired control & wireless remote control with batteries
 - Installation manual
 - Accessory
 - Model name : PT-UMC (Ceiling grill sold separately)
- Exterior Unit Includes:**
- Sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)
- ETL# : 3091879

| System Model # | LC245HV | LC425HV |
|---|----------------------------|----------------------------------|
| Indoor Model # | LCN245HV | LCN425HV |
| Outdoor Model # | LUU245HV | LUU425HV |
| Ceiling Grill Model# (Sold Separately) | PT-UMC | PT-UMC |
| Performance | | |
| Capacity (BTUs) | C H 24,000/26,000 | 42,000/44,000 |
| SEER | 14 | 14 |
| HSPF | 7.7 | 7.7 |
| EER | 10.0/10.4 | 9.9/10.2 |
| Air Circulation (CFM H/M/L) | 636/565/494 | 1,200/1,130/1,060 |
| Fan Speeds (Cooling/Fan) | 5/4 | 5/4 |
| Dehumidification (pts/hr) | 2.1 | 3.6 |
| Indoor dB(A)* | 39/37/34 | 46/44/40 |
| Outdoor dB(A)* | 55 | 58 |
| Electrical | | |
| Rated Voltage Outdoor | 230/208-60-1 | 230/208-60-1 |
| Rated Voltage Indoor | 230/208 | 230/208 |
| Power Input (Cooling/Heating) | 2,400/2,500 | 4,240/4,310 |
| Max Power Input | 3,800 | 5,700 |
| Indoor Dimensions | | |
| W x H x D (inches) | 33 5/64 x 33 5/64 x 8 1/32 | 33 5/64 x 33 5/64 x 11 1/32 |
| Weight (lbs.) | 46.3 | 57.3 |
| Outdoor Dimensions | | |
| W x H x D (inches) | 34 1/4 x 31 1/2 x 12 19/32 | 37 13/32 x 54 21/64 x 12 31/32 x |
| Weight (lbs.) | 132.3 | 227.1 |
| Thermostat Range | | |
| Cooling (°F) | 64-86 | 64-86 |
| Heating (°F) | 60-86 | 60-86 |

*LG verified sound ratings



Warranty: 2 years parts; 5 years compressor.
 See page 45 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.

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

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

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

All equipment single phase.

*Minimum Circuit Ampacity
**Maximum Overcurrent Protection

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

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

| Refrigerant Line Specifications† | | | | | | | | |
|----------------------------------|-----------------|--------|-----------|---------|------------------------|-----------------------|----------------|--|
| Type | System # | BTUs | Pipe size | | Additional Refrigerant | Max. length each pipe | Max. elevation | |
| | | | Liquid | Suction | | | | |
| Floor Standing | H/P C H LF245HV | 24,000 | 3/8" | 5/8" | 0.32 oz./ft. | 100' | 66' | |
| | H/P C H LF425HV | 42,000 | 3/8" | 3/4" | 0.42 oz./ft. | 131' | 82' | |
| Ceiling Cassette | H/P C H LC245HV | 24,000 | 1/4" | 1/2" | 0.32 oz./ft. | 100' | 50' | |
| | H/P C H LC425HV | 42,000 | 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.

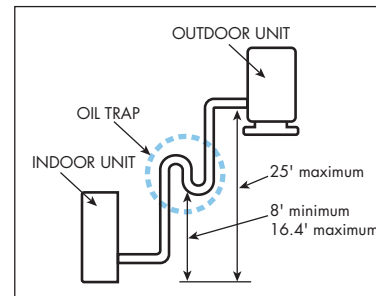


Figure A. Example: 25 ft. maximum elevation.

PACKAGED TERMINAL AIR CONDITIONERS

Ultra-quiet operation is the hallmark of LG's new line of PTAC products. Low decibel levels and an 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



Wireless Digital Thermostat



PACKAGED TERMINAL AIR CONDITIONERS

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
- **LP124HED-Y8** (Heat Pump Model)
12,000 BTUs Cooling & Heating
- **LP150HED-Y8** (Heat Pump Model)
14,300 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

System Includes:

- Wall unit
- Installation manual
- MEA# : 24-08-E
- UL# : SA13362



| System Model # | LP070CED-Y8 | LP090CED-Y8 | LP120CED-Y8 | LP150CED-Y8 | LP070HED-Y8 | LP090HED-Y8 | LP120HED-Y8 | LP124HED | LP150HED-Y8 |
|----------------------------------|--------------|--------------|---------------|---------------|--------------|--------------|---------------|---------------|---------------|
| Control Type | Digital | Digital | Digital | Digital | Digital | Digital | Digital | Digital | Digital |
| Performance | | | | | | | | | |
| Capacity (BTUs) | 7,600/7,400 | 9,000/8,800 | 11,800/11,500 | 14,300/14,100 | 7,600/7,400 | 9,000/8,800 | 12,000/11,800 | 12,000/11,800 | 14,300/14,100 |
| | | | | | 6,400/6,200 | 8,100/7,900 | 10,900/10,700 | 10,900/10,700 | 13,500/13,300 |
| Refrigerant | R-22 | R-22 | R-22 | R-22 | R-22 | R-22 | R-22 | R-410A | R-22 |
| EER | 12.5 | 11.7 | 11.2 | 10.0 | 12.1 | 11.6 | 10.8 | 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 | 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 | 2/2/2 |
| Dehumidification (pts/hr) | 2.0 | 2.6 | 3.3 | 4.4 | 2.0 | 2.6 | 3.3 | 3.3 | 4.4 |
| Indoor dB(A)* | 45/43 | 45/43 | 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 | 60/58 | 60/58 | 63/61 | 63/61 | 63/61 |
| STC | 30 | 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 | 230/208-60-1 |
| Electric Heater (kW) | 2.5 | 3.5 | 3.5 | 3.5 | 2.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| Circuit Breaker (A) | 15 | 20 | 20 | 20 | 15 | 20 | 20 | 20 | 20 |
| Dimensions | | | | | | | | | |
| W x H x D (inches) | 16 x 19 7/8 | 16 x 19 7/8 | 16 x 19 7/8 | 16 x 19 7/8 | 16 x 19 7/8 | 16 x 19 7/8 | 16 x 19 7/8 | 16 x 19 7/8 | 16 x 19 7/8 |
| Weight (lbs.) | 86.4 | 86.6 | 92.6 | 100.5 | 90.8 | 91.1 | 97.1 | 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 | 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 51-53 for parts and accessories.



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



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

System Includes:

- Wall unit
- Installation manual
- MEA# : 24-08-E
- UL# : SA13362

| 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 | 8,900 | 11,800 | 14,000 | 14,000 | 7,300 | 9,300 | 12,000 | 14,400 | 14,400 |
| | | | | | | 6,200 | 8,000 | 10,800 | 13,200 | 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 | 2.0 | 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) | 16 x 19 7/8 | 16 x 19 7/8 | 16 x 19 7/8 | 16 x 19 7/8 | 16 x 19 7/8 | 16 x 19 7/8 | 16 x 19 7/8 | 16 x 19 7/8 | 16 x 19 7/8 | 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

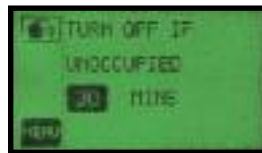
1-year full system warranty, parts and labor. Warranty on unit for years 2-5: parts only, exclusive of the refrigeration system. Warranty on sealed refrigeration system: 5 year, parts and labor. See pages 51-53 for parts and accessories.



WIRELESS ENERGY MANAGEMENT DIGITAL THERMOSTAT



Touch screen-operated design with intuitive graphic user interface



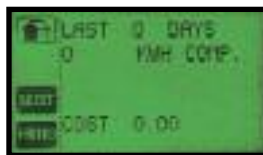
Occupancy Sensor automatically turns off the air conditioner when the room is unoccupied



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 # PYRCUCC0A
LG Mini-Split Wireless Wall Thermostat Kit:
Part # DFSWLWT0A
Applicable to 36V DC indoor models (Single Zone) only



Monitor power use and calculate cost of operation



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

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

Applicable to 36V DC indoor models(Single Zone) only

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.



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 | Sub Base 20A 230/208V | AYSB1101A | Leveling Legs | AYLL101 |
| Architecture Grille - Soft Dove | AYAGALC01A | Sub Base 30A 230/208V | AYSB2101A | Control Panel Key Lock | AYCP101 |
| Wireless Wall Thermostat | PYRCUCC0A | Sub Base 20A 265V | AYSB3101A | Remote Escutcheon Kit - 10 Pack | AYRE110 |
| Adapter Kit of Wireless Wall Thermostat for GE PTAC | PYADTGE1A | Sub Base 30A 265V | AYSB4101A | Replacement Filter - 10 Pack | AYFT110 |
| Adapter Kit of Wireless Wall Thermostat for Amana PTAC | PYADTAM1A | Fuse Holder Kit (230V, 30A) | AYFH1401 | Hydronic/Steam Heat Coil Kit 230/208V/265V | PYHSK1A |
| | | Hard Wire Kit | AYHW101 | 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



Digital Wired Wall Thermostat
PYRCUCA0A



EMS/Front Desk Control Connection Kit
AYFD101



Fuse Holder Kit
AYFH1401



Hardwire Kit
AYHW101



Condensate Disposal Kit
AYCD2101



Condensate Drain Kit
AYDR101



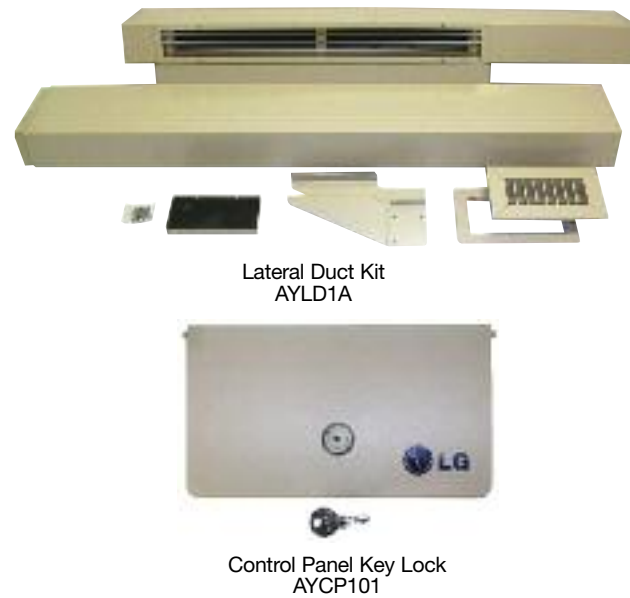
PACKAGED TERMINAL AIR CONDITIONERS

PARTS & ACCESSORIES

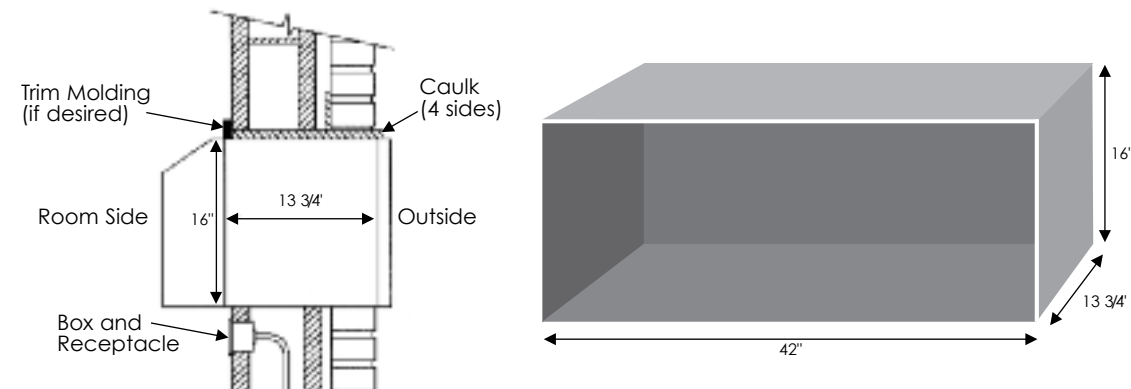


| CFM | Heating BTUs | |
|-----|--------------|--------|
| | Hydronic | Steam |
| 270 | 14,500 | 18,500 |
| 300 | 15,500 | 19,500 |
| 335 | 16,500 | 21,000 |
| 355 | 17,000 | 21,500 |
| 390 | 17,500 | 22,000 |
| 420 | 18,500 | 23,500 |

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



Installation • Quick Reference



THROUGH-THE-WALL AIR CONDITIONERS

THROUGH-THE-WALL AIR CONDITIONERS

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

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

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

TTW Features & Benefits

Gold Fin™ Anti-Corrosion

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

Push Button Shift Mode

Allows you to switch between cool and heat with ease.

12 Hour On/Off Timer

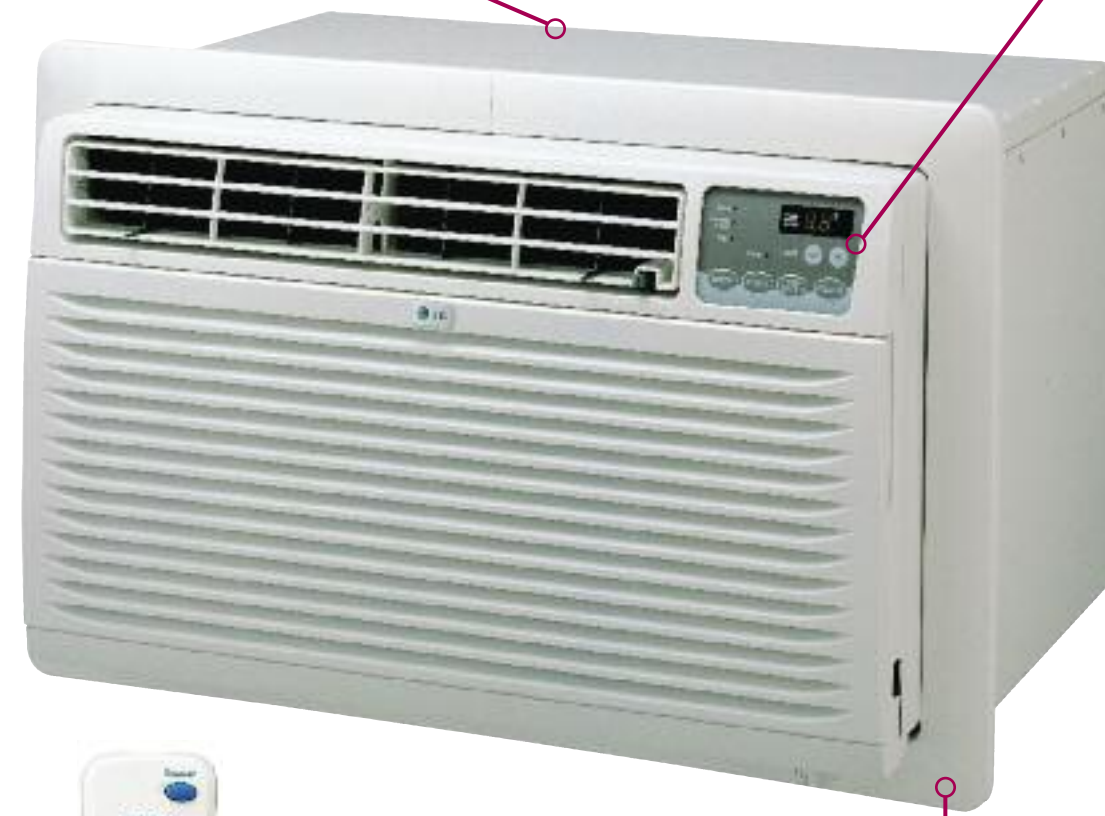
Allows you to set the number of hours you'd like the unit to run, up to 12 Hours.

Auto Sleep Mode

Automatically increases the temperature setting 2° F twice (after 1/2 hour and one hour). The interior unit shuts off when the timer setting is reached.

Auto Restart

Automatically restarts a unit to programmed setting when the electricity comes on after a power failure.



Remote Control

Easy to use Wireless Remote Control.

Trim Kit

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



Warranty : 5 years parts, labor, and compressor.
See page 57 for electrical specifications and accessories.



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:

- | | | | |
|--|---|---|---------------------|
| <ul style="list-style-type: none"> • Gold Fin™ anti-corrosion treatment • Cooling mode • Fan mode | <ul style="list-style-type: none"> • Auto sleep mode • Auto restart • 12-Hour on/off timer | <p>System Includes:</p> <ul style="list-style-type: none"> • Wall unit • Remote control and batteries • Installation manual • Trim Kit | <p>UL# : SA7244</p> |
|--|---|---|---------------------|

| 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) | 24 x 20 3/32 | 24 x 20 3/32 | 24 x 20 3/32 | 24 x 20 3/32 | 24 x 20 3/32 | 24 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

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



FEATURES:

- | | | | |
|--|---|---|---------------------|
| <ul style="list-style-type: none"> • Gold Fin™ anti-corrosion treatment • Cooling mode • Heating mode • Fan mode | <ul style="list-style-type: none"> • Auto sleep mode • Auto restart • 12-Hour on/off timer | <p>System Includes:</p> <ul style="list-style-type: none"> • Wall unit • Remote control and batteries • Installation manual • Trim Kit | <p>UL# : SA7244</p> |
|--|---|---|---------------------|

| System Model # | LT1030HR | LT1230HR |
|----------------------------------|--------------------------------------|--------------------------------------|
| Performance | | |
| Capacity (BTUs) | ● 10,000/9,800 ● 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) | 60-86/54-86 | 60-86/54-86 |

*LG verified sound rating

THROUGH-THE-WALL AIR CONDITIONERS OPTIONAL ACCESSORIES

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



Wall Sleeve
AXSVA1



Stamped Aluminum Grille
AXRGALA01



Wall Sleeve with Stamped
Aluminum Grill
AXSVA4



Architectural Grille
AXAGALA01A
Available in aluminum,
dark bronze and soft dove.
Please contact WMF at
636.583.1600
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
LWHD7000HR (H/C Model)
7,000 BTUs Cooling & Heating
- LWHD1200HR** (H/C Model)
12,000 BTUs Cooling & Heating
- LWHD1800HR** (H/C Model)
18,000 BTUs Cooling & Heating
- LWHD2400HR** (H/C Model)
24,000 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 # | LWHD7000HR | LWHD1200HR | LWHD1807HR | LWHD2400HR |
|----------------------------------|--|-----------------------------------|---------------------------------|---------------------------------|
| Performance | | | | |
| Capacity (BTUs) | C 7,000 H 3,850 | 12,000/11,500 11,200/9,200 | 18,000/17,500 12,000/9,800 | 25,000/23,000 11,600/9,400 |
| EER | 9.7 | 9.8/9.8 | 9.7/9.7 | 8.5/8.5 |
| Air Circulation (CFM) | 205 | 265 | 430 | 560 |
| Fan Speeds (Cooling/Heating/Fan) | 2/2/2 | 2/2/2 | 2/2/2 | 2/2/2 |
| Dehumidification (pts/hr) | 2.3 | 3.3 | 5.5 | 6.5 |
| Indoor dB(A)* | 49 | 51 | 55 | 64 |
| Outdoor dB(A)* | 54 | 57 | 63 | 69 |
| Electrical | | | | |
| Rated Voltage | 115-60-1 | 230/208-60-1 | 230/208-60-1 | 230/208-60-1 |
| Circuit Breaker (A) | 20 | 20 | 20 | 20 |
| Dimensions | | | | |
| W x H x D (inches) | 18 9/16 x 13 7/8 x 20 11/16 | 23 5/8 x 14 31/32 x 22 1/16 | 26 x 16 27/32 x 30 5/16 x | 26 x 16 27/32 x 30 5/16 x |
| Weight (lbs.) | 60.0 | 87.0 | 136.0 | 146.0 |
| Thermostat Range | | | | |
| Cooling/Heating (°F) | 60-86 | 60-86 | 60-86 | 60-86 |

*LG verified sound rating