AT LG, WE BELIEVE COMFORT SHOULD ALWAYS
BE BEAUTIFUL & INNOVATIVE.
MINI-SPLIT ART COOL, SINGLE ZONE AND INVERTER, SINGLE ZONE

9,000 and 11,500 BTUs
Heat Pump
pg. 7,8

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

FLOOR STANDING AND CEILING CASSETTE, SINGLE ZONE

24,000 BTUs
Heat Pump Inverter
pg. 49

42,000 BTUs
Heat Pump Inverter
pg. 49

MINI-SPLIT STANDARD, HIGH EFFICIENT INVERTER, SINGLE ZONE

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

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

THROUGH-THE-WALL

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

PACKAGED TERMINAL AIR CONDITIONERS

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

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

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

7,000-24,000 BTUs
Heat/Cool
pg. 35-36

WINDOW AIR CONDITIONER

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

ART COOL DISPLAY RACK

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

WIRELESS WALL THERMOSTAT

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

Disclaimer: Items represented in this catalog may change without notice. LG is not responsible for information contained in this catalog that may have changed. Please contact your LG Sales Representative for updated information. See pages 13, 19, 26, 35 and 51 for electrical specifications, refrigerant line requirements & formulas. See page 27 for installation materials.
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 chasis fits into any competitive sleeve, making upgrades a breeze.

PTAC Models

LG's new PTAC units are perfect for lodging and healthcare applications. These units have an extremely low decibel level and outstanding sound prevention rating. Plus, LG models are efficient which translates into excellent energy savings.

Feature Advantages:

Look for these key features throughout the LG line.

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

• Multi Power System. Energy-saving twin compressors: one provides power at 60% capacity until the system reaches a desired temperature. Then the smaller compressor takes over to provide sustained operation at 40% capacity.

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

• R-410a Refrigerant. Environmentally friendly refrigerant utilized in the majority of LG systems.

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

• Patented Plasma Air Purifying System. The 4-stage system features a large, permanent filter and an electronic air purifier that captures microscopic contaminants like dust, mite, pollen and pet fur.

• Art Cool Self-Cleaning Indoor Coil. Drives dirt and moisture from coil surface leaving it clean and fresh smelling.

• Dehumidifying Mode. Indoor unit accurately senses room temperature and controls humidity by shutting down the compressor before a room is over-cooled.

• Chaos Swing. Electronically controlled louvers and fan speeds create a more natural, random flow of air, reducing temperature stratification.

• Art Cool Three-way Cooling. Air flows out of the unit from three directions, creating more natural circulation.

• Jet Cool. Operates at high speed for up to 30 minutes to quickly cool a room down to 64°F.

• Swirl Wind. Four-way controlled louvers and fan speeds create a stronger, wider airflow 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.

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

#### 9,000 BTUs

**System Model #** LA096HNP (H/P Model)

**Indoor Model #** LAN096HNP

**Outdoor Model #** LAU096HNP

**Performance**

| Capacity (BTUs) | 9,900 |
| Air Circulation (CFM H/M/L) | 330/261/194 |
| Fan Speeds | 4/Auto/Chaos |
| Dehumidification (pts/hour) | 3.0 |

**Electrical**

| Rated Voltage Outdoor | 115-60-1 |
| Rated Voltage Indoor | 36V DC |

| Indoor Dimensions | W x H x D (inches) |
| 23 5/8 x | 23 5/8 x |
| 5 3/4 |

| Weight (lbs.) | 33.1 |

| Outdoor Dimensions | W x H x D (inches) |
| 30 5/16 x | 21 5/16 x |
| 9 5/8 |

| Weight (lbs.) | 70.5 |

**Thermostat Range**

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

*LG verified sound ratings

---

**FEATURES:**

- Customizable art panel
- R-410A Refrigerant
- Plasma Air Purifying System
- Self-cleaning indoor coil
- Dehumidifying mode
- Chaos Swing
- Three-way cooling
- Jet Cool
- Cooling mode
- Heating mode (H/P model only)
- Fan mode
- Auto operation
- Manual power switch
- Defrost control (H/P model only)
- Auto sleep mode
- Auto restart
- Built-in low ambient standard, down to 0°F (cooling mode)
- 24-Hour on/off timer
- Evaporator frost control
- Gold Fin™ Anti-Corrosion
- Remote control, batteries, holder & hardware
- Installation manual

**Interior Unit Includes:**

- Wall unit
- Installation plate & hardware

**Exterior Unit Includes:**

- Wall unit
- Installation plate & hardware

---

**System Model #** LA126HNP (H/P Model)

**Indoor Model #** LAN126HNP

**Outdoor Model #** LAU126HNP

**Performance**

| Capacity (BTUs) | 11,500 |
| Air Circulation (CFM H/M/L) | 330/261/194 |
| Fan Speeds | 4/Auto/Chaos |
| Dehumidification (pts/hour) | 3.0 |

**Electrical**

| Rated Voltage Outdoor | 115-60-1 |
| Rated Voltage Indoor | 36V DC |

| Indoor Dimensions | W x H x D (inches) |
| 23 5/8 x | 23 5/8 x |
| 5 3/4 |

| Weight (lbs.) | 33.1 |

| Outdoor Dimensions | W x H x D (inches) |
| 30 5/16 x | 21 5/16 x |
| 9 5/8 |

| Weight (lbs.) | 70.5 |

**Thermostat Range**

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

*LG verified sound ratings

---

**FEATURES:**

- Customizable art panel
- R-410A Refrigerant
- Plasma Air Purifying System
- Self-cleaning indoor coil
- Dehumidifying mode
- Chaos Swing
- Three-way cooling
- Jet Cool
- Cooling mode
- Heating mode (H/P model only)
- Fan mode
- Auto operation
- Manual power switch
- Defrost control (H/P model only)
- Auto sleep mode
- Auto restart
- Built-in low ambient standard, down to 0°F (cooling mode)
- 24-Hour on/off timer
- Evaporator frost control
- Gold Fin™ Anti-Corrosion
- Remote control, batteries, holder & hardware
- Installation manual

**Interior Unit Includes:**

- Wall unit
- Installation plate & hardware

**Exterior Unit Includes:**

- Wall unit
- Installation plate & hardware

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

9,000 BTUs

LA096HV (H/P Model)
- 9,000 BTUs Cooling
- 11,700 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
• Energy Saving
• Gold Fin™ Anti-Corrosion

Exterior Unit Includes:
- Exterior unit
- Exterior unit has sufficient refrigerant for charging indoor coil and a 25’ line set (line set not included)

ETL#: 3091879

System Model # LA096HV
Indoor Model # LAN096HV
Outdoor Model # LAU096HV

Performance
Capacity (BTUs) 9,000
11,700
SEER 19
Air Circulation (CFM/H/M/L) 230/180/140
Fan Speeds 5/Auto/Chaos
Dehumidification (pts/hr) 3.6
Indoor dB(A)* 38/35/32
Outdoor dB(A)* 48

Electrical
Rated Voltage Outdoor 230/208-60-1
Rated Voltage Indoor 230/208-60-1
Indoor Dimensions 35 3/16 x 11 1/8 x 6 1/2
W x H x D (inches)
Weight (lbs.) 23.1
Outdoor Dimensions 30 5/16 x 21 5/16 x 9 5/8
W x H x D (inches)
Weight (lbs.) 83.8

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

12,000 BTUs

LA126HV (H/P Model)
- 11,800 BTUs Cooling
- 15,100 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
• Energy Saving
• Gold Fin™ Anti-Corrosion

Exterior Unit Includes:
- Exterior unit
- Exterior unit has sufficient refrigerant for charging indoor coil and a 25’ line set (line set not included)

ETL#: 3091879

System Model # LA126HV
Indoor Model # LAN126HV
Outdoor Model # LAU126HV

Performance
Capacity (BTUs) 11,800
15,100
SEER 18
Air Circulation (CFM/H/M/L) 260/180/140
Fan Speeds 5/Auto/Chaos
Dehumidification (pts/hr) 3.0
Indoor dB(A)* 41/35/32
Outdoor dB(A)* 48

Electrical
Rated Voltage Outdoor 230/208-60-1
Rated Voltage Indoor 230/208-60-1
Indoor Dimensions 35 3/16 x 11 1/8 x 6 1/2
W x H x D (inches)
Weight (lbs.) 23.1
Outdoor Dimensions 30 5/16 x 21 5/16 x 9 5/8
W x H x D (inches)
Weight (lbs.) 83.8

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

System Model # LA096HV
Indoor Model # LAN096HV
Outdoor Model # LAU096HV

Performance
Capacity (BTUs) 9,000
11,700
SEER 19
Air Circulation (CFM/H/M/L) 230/180/140
Fan Speeds 5/Auto/Chaos
Dehumidification (pts/hr) 3.6
Indoor dB(A)* 38/35/32
Outdoor dB(A)* 48

Electrical
Rated Voltage Outdoor 230/208-60-1
Rated Voltage Indoor 230/208-60-1
Indoor Dimensions 35 3/16 x 11 1/8 x 6 1/2
W x H x D (inches)
Weight (lbs.) 23.1
Outdoor Dimensions 30 5/16 x 21 5/16 x 9 5/8
W x H x D (inches)
Weight (lbs.) 83.8

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

System Model # LA126HV
Indoor Model # LAN126HV
Outdoor Model # LAU126HV

Performance
Capacity (BTUs) 11,800
15,100
SEER 18
Air Circulation (CFM/H/M/L) 260/180/140
Fan Speeds 5/Auto/Chaos
Dehumidification (pts/hr) 3.0
Indoor dB(A)* 41/35/32
Outdoor dB(A)* 48

Electrical
Rated Voltage Outdoor 230/208-60-1
Rated Voltage Indoor 230/208-60-1
Indoor Dimensions 35 3/16 x 11 1/8 x 6 1/2
W x H x D (inches)
Weight (lbs.) 23.1
Outdoor Dimensions 30 5/16 x 21 5/16 x 9 5/8
W x H x D (inches)
Weight (lbs.) 83.8

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

**Warranty: 5 years parts; 5 years compressor. See page 13 for electrical specifications, refrigerant line requirements & formulas. See page 27 for installation materials.**
### System Model # LA186HV
#### Indoor Model # LAN186HV
#### Outdoor Model # LAU186HV

#### Performance
- **Capacity (BTUs):** 17,600
- **SEER:** 15
- **Air Circulation (CFM/H/L):** 460/380/320
- **Fan Speeds:** 5 Auto/Chaos
- **Humidification (pts/hr):** 42/39/36
- **Outdoor db(A)**: 55

#### Electrical
- **Rated Voltage Outdoor:** 230/208-60-1
- **Rated Voltage Indoor:** 230/208-60-1
- **Indoor Dimensions:** 43 11/16 x 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

**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
- Standard mirror panel
- Energy Saving
- Gold Fin™ Anti-Corrosion
- Inverter

**Exterior Unit Includes:**
- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual
- Standard mirror panel

**ETL #:** 3091879

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

#### Performance
- **Capacity (BTUs):** 24,200
- **SEER:** 15.6
- **Air Circulation (CFM/H/L):** 530/445/378
- **Fan Speeds:** 5 Auto/Chaos
- **Humidification (pts/hr):** 6.6
- **Outdoor db(A)**: 47/42/39
- **Outdoor db(A)**: 56

#### Electrical
- **Rated Voltage Outdoor:** 230/208-60-1
- **Rated Voltage Indoor:** 230/208-60-1
- **Indoor Dimensions:** 43 11/16 x 11 3/4 x 7 7/8
- **Weight (lbs.):** 31.1

#### Outdoor Dimensions
- **W x H x D (inches):** 34 5/16 x 31 1/2 x 12 5/8
- **Weight (lbs.):** 132.3

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

**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
- Inverter

**Exterior Unit Includes:**
- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual
- Standard mirror panel

**ETL #:** 3091879
## Electrical Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Model</th>
<th>BTUs</th>
<th>Voltage</th>
<th>Rated</th>
<th>MCA*</th>
<th>MOP**</th>
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<tr>
<td>Single-Zone</td>
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<tr>
<td>H/P</td>
<td>LA096HN P</td>
<td>9,900</td>
<td>36V DC</td>
<td>115</td>
<td>7.2</td>
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<tr>
<td>H/P</td>
<td>LA126HN P</td>
<td>11,500</td>
<td>36V DC</td>
<td>115</td>
<td>9.3</td>
<td>15</td>
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<tr>
<td>H/P</td>
<td>LA096HV</td>
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<td>230/208</td>
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<td>3.2/3.5</td>
<td>8.2</td>
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<td>H/P</td>
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<td>11,800</td>
<td>230/208</td>
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<tr>
<td>H/P</td>
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### Refrigerant Line Specifications***

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<th>Type</th>
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<th>Pipe Size</th>
<th>Additional</th>
<th>Max. Pipe</th>
<th>Max. Elevation</th>
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<tbody>
<tr>
<td>Single-Zone</td>
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<td>Liquid</td>
<td>Suction</td>
<td>Refrigerant</td>
<td>Length</td>
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<tr>
<td>H/P</td>
<td>LA096HN P</td>
<td>9,900</td>
<td>1/4&quot;</td>
<td>1/2&quot;</td>
<td>0.22 oz./ft.</td>
<td>49'</td>
</tr>
<tr>
<td>H/P</td>
<td>LA126HN P</td>
<td>11,500</td>
<td>1/4&quot;</td>
<td>1/2&quot;</td>
<td>0.22 oz./ft.</td>
<td>49'</td>
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<tr>
<td>H/P</td>
<td>LA096HV</td>
<td>9,000</td>
<td>1/4&quot;</td>
<td>3/8&quot;</td>
<td>0.22 oz./ft.</td>
<td>49'</td>
</tr>
<tr>
<td>H/P</td>
<td>LA126HV</td>
<td>11,800</td>
<td>1/4&quot;</td>
<td>3/8&quot;</td>
<td>0.22 oz./ft.</td>
<td>49'</td>
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<td>17,600</td>
<td>1/4&quot;</td>
<td>1/2&quot;</td>
<td>0.22 oz./ft.</td>
<td>49'</td>
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<tr>
<td>H/P</td>
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<td>3/8&quot;</td>
<td>5/8&quot;</td>
<td>0.33 oz./ft.</td>
<td>98'</td>
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</tbody>
</table>

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

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

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LG Electronics' products have led the global air conditioner market with excellent performance and innovative design. LSxxxHSV models, a brilliant new addition to LG's lineup, are high-performance air conditioners with a high SEER inverter and excellent design.
### HIGH WALL DUCT-FREE • MINI-SPLIT HIGH EFFICIENT SINGLE ZONE

#### 9,000 BTUs / 12,000 BTUs

<table>
<thead>
<tr>
<th>System Model #</th>
<th>LS091HSV</th>
<th>LS121HSV</th>
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<tbody>
<tr>
<td>Indoor Model #</td>
<td>LSN091HSV</td>
<td>LSN121HSV</td>
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<tr>
<td>Outdoor Model #</td>
<td>LSU091HSV</td>
<td>LSU121HSV</td>
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#### Performance

<table>
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<tr>
<th>Capacity (BTUs)</th>
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<th>10,800</th>
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<tbody>
<tr>
<td>SEER</td>
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<tr>
<td>Air Circulation (CFM)</td>
<td>250/210/170</td>
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<tr>
<td>Fan Speeds</td>
<td>4/Auto/Chaos</td>
<td>4/Auto/Chaos</td>
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<tr>
<td>Dehumidification (pts/hr)</td>
<td>2.6</td>
<td>3.0</td>
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<tr>
<td>Indoor dB(A)*</td>
<td>38/33/24/19</td>
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<tr>
<td>Outdoor dB(A)*</td>
<td>45</td>
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#### Electrical

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<th>230/208-60-1</th>
<th>230/208-60-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor Dimensions</td>
<td>35 1/5 x</td>
<td>35 1/5 x</td>
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<tr>
<td>W x H x D (inches)</td>
<td>11 1/5 x</td>
<td>11 1/5 x</td>
</tr>
<tr>
<td>Weight (lbs.)</td>
<td>24.5</td>
<td>24.5</td>
</tr>
</tbody>
</table>

| Outdoor Dimensions    | 30 3/10 x    | 30 3/10 x  |
| W x H x D (inches)    | 21 1/2 x    | 21 1/2 x   |
| Weight (lbs.)         | 11.3/10     | 11.3/10    |

#### Thermostat Range

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

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#### 16,000 BTUs

<table>
<thead>
<tr>
<th>System Model #</th>
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<td>Indoor Model #</td>
<td>LSN161HSV</td>
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<tr>
<td>Outdoor Model #</td>
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#### Performance

<table>
<thead>
<tr>
<th>Capacity (BTUs)</th>
<th>16,300</th>
<th>20,200</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEER</td>
<td>19</td>
<td></td>
</tr>
<tr>
<td>Air Circulation (CFM)</td>
<td>330/280/230</td>
<td>330/280/230</td>
</tr>
<tr>
<td>Fan Speeds</td>
<td>4/Auto/Chaos</td>
<td>4/Auto/Chaos</td>
</tr>
<tr>
<td>Dehumidification (pts/hr)</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>Indoor dB(A)*</td>
<td>42/36/34</td>
<td></td>
</tr>
<tr>
<td>Outdoor dB(A)*</td>
<td>51</td>
<td></td>
</tr>
</tbody>
</table>

#### Electrical

<table>
<thead>
<tr>
<th>Rated Voltage Outdoor</th>
<th>230/208-60-1</th>
<th>230/208-60-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor Dimensions</td>
<td>40 3/5 x</td>
<td>12 4/5 x</td>
</tr>
<tr>
<td>W x H x D (inches)</td>
<td>9 21/25</td>
<td>9 21/25</td>
</tr>
<tr>
<td>Weight (lbs.)</td>
<td>37.5</td>
<td>101.4</td>
</tr>
</tbody>
</table>

#### Outdoor Dimensions

| 34 3/10 x |
| 25 15/19 x |
| 12 3/5 |
| Weight (lbs.) | 101.4 |

#### Thermostat Range

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

---

**Warranty:** 2 years parts; 5 years compressor.  
See page 19 for electrical specifications, refrigerant line requirements & formulas. See page 27 for installation materials.

---

**FEATuRES:**

- Inverter (Variable speed compressor)
- Energy saving
- R410a Refrigerant
- Plasma air purifying system
- Gold Fin™ Anti-corrosion
- Allergy reduction filter
- Deodorizing filter
- Self-cleaning indoor coil
- Cooling/Heating/Fan mode
- Jet cool/Jet heat
- Chaos Swing
- 4-Way Auto Swing
- Ultra quiet operation
- Sleep mode
- Dehumidifying mode
- Auto restart
- Auto Changeover
- Built-in low ambient standard, down to 14°F (cooling mode)
- 24-Hour on/off timer
- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual
- Accessory - Model#: PQRCVSL0 (Wired Wall Thermostat)
- **Exterior Unit Includes:**
  - Exterior unit
  - Exterior unit has sufficient refrigerant for charging indoor coil and a 25’ line set (line set not included)
  - ETL#: 3091879

---

**System Model #**

- LS091HSV (H/P Model)
- LS121HSV (H/P Model)
- LS161HSV (H/P Model)

---

**Electrical**

- Rated Voltage Outdoor: 230/208-60-1
- Rated Voltage Indoor: 230/208-60-1
- Indoor Dimensions: 35 1/5 x, 35 1/5 x, 11 1/5 x, 11 1/5 x, 7 7/10, 7 7/10
- Weight (lbs.): 24.5, 24.5
- Outdoor Dimensions: 30 3/10 x, 30 3/10 x, 21 1/2 x, 21 1/2 x, 11.3/10, 11.3/10
- Weight (lbs.): 77.2, 77.2
- Thermostat Range: Cooling / Heating (°F) 64-86/60-86
- *LG verified sound ratings

---

**System Model #**

- LS161HSV (H/P Model)

---

**Electrical**

- Rated Voltage Outdoor: 230/208-60-1
- Rated Voltage Indoor: 230/208-60-1
- Indoor Dimensions: 40 3/5 x, 12 4/5 x, 9 21/25, 9 21/25
- Weight (lbs.): 37.5, 101.4
- Outdoor Dimensions: 34 3/10 x, 25 15/19 x, 12 3/5
- Weight (lbs.): 101.4
- Thermostat Range: Cooling / Heating (°F) 64-86/60-86
- *LG verified sound ratings

---

**System Model #**

- LS161HSV (H/P Model)

---

**Electrical**

- Rated Voltage Outdoor: 230/208-60-1
- Rated Voltage Indoor: 230/208-60-1
- Indoor Dimensions: 40 3/5 x, 12 4/5 x, 9 21/25, 9 21/25
- Weight (lbs.): 37.5, 101.4
- Outdoor Dimensions: 34 3/10 x, 25 15/19 x, 12 3/5
- Weight (lbs.): 101.4
- Thermostat Range: Cooling / Heating (°F) 64-86/60-86
- *LG verified sound ratings

---

**System Model #**

- LS161HSV (H/P Model)

---

**Electrical**

- Rated Voltage Outdoor: 230/208-60-1
- Rated Voltage Indoor: 230/208-60-1
- Indoor Dimensions: 40 3/5 x, 12 4/5 x, 9 21/25, 9 21/25
- Weight (lbs.): 37.5, 101.4
- Outdoor Dimensions: 34 3/10 x, 25 15/19 x, 12 3/5
- Weight (lbs.): 101.4
- Thermostat Range: Cooling / Heating (°F) 64-86/60-86
- *LG verified sound ratings
HIGH WALL DUCT-FREE • MINI-SPLIT HIGH EFFICIENT SINGLE ZONE

18,000 BTUs

LS18HSV (H/P Model)
- 18,000 BTUs Cooling
- 20,600 BTUs Heating

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

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

System Model # LS18HSV
Indoor Model # LSN18HSV
Outdoor Model # LSU18HSV

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

Electrical
Rated Voltage Outdoor 230/208-60-1
Rated Voltage Indoor 230/208-60-1
Indoor Dimensions
W x H x D (inches) 40 3/5 x 12 4/5 x 9 21/25
Weight (lbs.) 37.5

Outdoor Dimensions
W x H x D (inches) 34 3/10 x 31 1/2 x 12 3/5
Weight (lbs.) 132.3

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

24,000 BTUs

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

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

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

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

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

Electrical
Rated Voltage Outdoor 230/208-60-1
Rated Voltage Indoor 230/208-60-1
Indoor Dimensions
W x H x D (inches) 40 3/5 x 12 4/5 x 9 21/25
Weight (lbs.) 37.5

Outdoor Dimensions
W x H x D (inches) 34 3/10 x 31 1/2 x 12 3/5
Weight (lbs.) 132.3

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

Warranty: 2 years parts; 5 years compressor.
MINI-SPLIT HIGH EFFICIENT AIR CONDITIONERS SINGLE ZONE

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

HIGH EFFICIENT SINGLE ZONE • INVERTER

MINI-SPLIT STANDARD INDOOR UNIT

Electrical Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Model</th>
<th>BTUs</th>
<th>Voltage</th>
<th>Rated</th>
<th>MCA*</th>
<th>MOP**</th>
</tr>
</thead>
<tbody>
<tr>
<td>H/P</td>
<td>LS091HSV</td>
<td>9,000</td>
<td>230/208</td>
<td>6.3/7.4</td>
<td>8.2</td>
<td>15</td>
</tr>
<tr>
<td>H/P</td>
<td>LS121HSV</td>
<td>11,200</td>
<td>230/208</td>
<td>6.3/7.4</td>
<td>8.2</td>
<td>15</td>
</tr>
<tr>
<td>H/P</td>
<td>LS161HSV</td>
<td>16,300</td>
<td>230/208</td>
<td>9.2/9.7</td>
<td>12.4</td>
<td>20</td>
</tr>
<tr>
<td>H/P</td>
<td>LS181HSV</td>
<td>18,000</td>
<td>230/208</td>
<td>10.5/11.0</td>
<td>17.0</td>
<td>25</td>
</tr>
<tr>
<td>H/P</td>
<td>LS240HSV</td>
<td>23,000</td>
<td>230/208</td>
<td>11.0/12.0</td>
<td>18.0</td>
<td>25</td>
</tr>
</tbody>
</table>

Refrigerant Line Specifications***

<table>
<thead>
<tr>
<th>Type</th>
<th>Model</th>
<th>BTUs</th>
<th>Pipe Size</th>
<th>Additional Refrigerant</th>
<th>Max. Pipe Length</th>
<th>Max. Elevation</th>
</tr>
</thead>
<tbody>
<tr>
<td>H/P</td>
<td>LS091HSV</td>
<td>9,000</td>
<td>1/4&quot;</td>
<td>0.22 oz./ft.</td>
<td>65'</td>
<td>32'</td>
</tr>
<tr>
<td>H/P</td>
<td>LS121HSV</td>
<td>11,200</td>
<td>1/4&quot;</td>
<td>0.22 oz./ft.</td>
<td>65'</td>
<td>32'</td>
</tr>
<tr>
<td>H/P</td>
<td>LS161HSV</td>
<td>16,300</td>
<td>1/4&quot;</td>
<td>0.22 oz./ft.</td>
<td>65'</td>
<td>49'</td>
</tr>
<tr>
<td>H/P</td>
<td>LS181HSV</td>
<td>18,000</td>
<td>3/8&quot;</td>
<td>0.38 oz./ft.</td>
<td>98'</td>
<td>49'</td>
</tr>
<tr>
<td>H/P</td>
<td>LS240HSV</td>
<td>23,000</td>
<td>3/8&quot;</td>
<td>0.38 oz./ft.</td>
<td>98'</td>
<td>49'</td>
</tr>
</tbody>
</table>

*Minimum Circuit Ampacity
**Maximum Overcurrent Protection
***Each system is pre-charged with enough refrigerant to charge 25 ft. of line and the interior unit.

NOTE: Please see local electrical codes for proper wire specifications.
## HIGH WALL DUCT-FREE • MINI-SPLIT STANDARD SINGLE ZONE

### 9,000 BTUs

**System Model #**
- LS093CE (A/C Model)
- LS093HE (H/P Model)

**Indoor Model #**
- LSN093CE
- LSN093HE

**Outdoor Model #**
- LSU093CE
- LSU093HE

### Performance

<table>
<thead>
<tr>
<th>Capacity (BTUs)</th>
<th>8,900</th>
<th>10,500</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEER</td>
<td>13</td>
<td>13</td>
</tr>
<tr>
<td>Air Circulation (CFM H/M/L)</td>
<td>250/210/170</td>
<td>330/280/230</td>
</tr>
<tr>
<td>Fan Speeds</td>
<td>4/Auto/Chaos</td>
<td>4/Auto/Chaos</td>
</tr>
<tr>
<td>Dehumidification (pts/hr)</td>
<td>2.6</td>
<td>3.0</td>
</tr>
<tr>
<td>Indoor db(A)*</td>
<td>36/31/28</td>
<td>41/36/34</td>
</tr>
<tr>
<td>Outdoor db(A)*</td>
<td>48</td>
<td>48</td>
</tr>
</tbody>
</table>

### Electrical

<table>
<thead>
<tr>
<th>Rated Voltage Outdoor</th>
<th>115-60-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Voltage Indoor</td>
<td>36V DC</td>
</tr>
</tbody>
</table>

### Indoor Dimensions

<table>
<thead>
<tr>
<th>W x H x D (inches)</th>
<th>10 5/8 x 11 5/8 x 6 1/2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (lbs.)</td>
<td>15.4</td>
</tr>
<tr>
<td>Outdoor Dimensions</td>
<td>30 5/16 x 30 5/16 x 9 5/8</td>
</tr>
<tr>
<td>Weight (lbs.)</td>
<td>66.1</td>
</tr>
</tbody>
</table>

### Thermostat Range

- Cooling / Heating (°F): 64-86
- Heating: 50-80

---

### 12,000 BTUs

**System Model #**
- LS122CE (A/C Model)
- LS122HE (H/P Model)

**Indoor Model #**
- LSN122CE
- LSN122HE

**Outdoor Model #**
- LSU122CE
- LSU122HE

### Performance

<table>
<thead>
<tr>
<th>Capacity (BTUs)</th>
<th>11,500</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEER</td>
<td>13</td>
</tr>
<tr>
<td>Air Circulation (CFM H/M/L)</td>
<td>330/280/230</td>
</tr>
<tr>
<td>Fan Speeds</td>
<td>4/Auto/Chaos</td>
</tr>
<tr>
<td>Dehumidification (pts/hr)</td>
<td>3.0</td>
</tr>
<tr>
<td>Indoor db(A)*</td>
<td>41/36/34</td>
</tr>
<tr>
<td>Outdoor db(A)*</td>
<td>48</td>
</tr>
</tbody>
</table>

### Electrical

<table>
<thead>
<tr>
<th>Rated Voltage Outdoor</th>
<th>115-1-60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Voltage Indoor</td>
<td>36V DC</td>
</tr>
</tbody>
</table>

### Indoor Dimensions

<table>
<thead>
<tr>
<th>W x H x D (inches)</th>
<th>11 5/8 x 11 5/8 x 6 1/2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (lbs.)</td>
<td>20.5</td>
</tr>
<tr>
<td>Outdoor Dimensions</td>
<td>30 5/16 x 30 5/16 x 9 5/8</td>
</tr>
<tr>
<td>Weight (lbs.)</td>
<td>72.8</td>
</tr>
</tbody>
</table>

### Thermostat Range

- Cooling / Heating (°F): 64-86
- Heating: 50-80

---

*LG verified sound ratings

---

**Warranty:** 2 years parts; 5 years compressor. See page 26 for electrical specifications, refrigerant line requirements & formulas. See page 27 for installation materials.
HIGH WALL DUCT-FREE • MINI-SPLIT STANDARD SINGLE ZONE

18,000 BTUs

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

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

**FEATURES:**
- Multi Power System™
- R-410A Refrigerant
- Plasma air purifying system
- Gold Fin™ Anti-corrosion
- Dehumidifying mode
- Chaos Swing
- Jet Cool
- Cooling mode
- Heating mode (H/P model only)
- Ultra-quiet operation
- Evaporator frost control
- 4 Fan speeds
- Installation manual

**System Model #**
- LS186CE
- LS186HE

**Indoor Model #**
- LSN186CE
- LSN186HE

**Outdoor Model #**
- LSU186CE
- LSU186HE

**Performance**

<table>
<thead>
<tr>
<th>Capacity (BTUs)</th>
<th>17,800</th>
<th>17,800</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEER</td>
<td>13</td>
<td>13</td>
</tr>
<tr>
<td>Air Circulation (CFM H/M/L)</td>
<td>560/490/430</td>
<td>560/490/430</td>
</tr>
<tr>
<td>Fan Speeds</td>
<td>4/Auto/Chaos</td>
<td>4/Auto/Chaos</td>
</tr>
<tr>
<td>Dehumidification (pts/hr)</td>
<td>5.8</td>
<td>5.8</td>
</tr>
<tr>
<td>Indoor dB(A)*</td>
<td>43/40/37</td>
<td>43/40/37</td>
</tr>
<tr>
<td>Outdoor dB(A)*</td>
<td>56</td>
<td>56</td>
</tr>
</tbody>
</table>

**Electrical**

<table>
<thead>
<tr>
<th>Rated Voltage Outdoor</th>
<th>230/208-60-1</th>
<th>230/208-60-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Voltage Indoor</td>
<td>36V DC</td>
<td>36V DC</td>
</tr>
</tbody>
</table>

**Indoor Dimensions**

<table>
<thead>
<tr>
<th>W x H x D (inches)</th>
<th>42 15/16 x</th>
<th>42 15/16 x</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>11 13/16 x</td>
<td>11 13/16 x</td>
</tr>
<tr>
<td></td>
<td>7 1/32</td>
<td>7 1/32</td>
</tr>
<tr>
<td>Weight (lbs.)</td>
<td>28.6</td>
<td>28.6</td>
</tr>
</tbody>
</table>

**Outdoor Dimensions**

<table>
<thead>
<tr>
<th>W x H x D (inches)</th>
<th>34 5/16 x</th>
<th>34 5/16 x</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>25 13/16 x</td>
<td>25 13/16 x</td>
</tr>
<tr>
<td></td>
<td>12 5/8</td>
<td>12 5/8</td>
</tr>
<tr>
<td>Weight (lbs.)</td>
<td>125</td>
<td>125</td>
</tr>
</tbody>
</table>

**Thermostat Range**

<table>
<thead>
<tr>
<th>Cooling / Heating (°F)</th>
<th>64-86</th>
</tr>
</thead>
</table>

*LG verified sound ratings

---

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

24,000 BTUs

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

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

**System Model #**
- LS246HV

**Indoor Model #**
- LSN246HV

**Outdoor Model #**
- LSU246HV

**Performance**

<table>
<thead>
<tr>
<th>Capacity (BTUs)</th>
<th>24,400</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEER</td>
<td>14.7</td>
</tr>
<tr>
<td>Air Circulation (CFM H/M/L)</td>
<td>530/450/370</td>
</tr>
<tr>
<td>Fan Speeds</td>
<td>4/Auto/Chaos</td>
</tr>
<tr>
<td>Dehumidification (pts/hr)</td>
<td>6.6</td>
</tr>
<tr>
<td>Indoor dB(A)*</td>
<td>47/42/39</td>
</tr>
<tr>
<td>Outdoor dB(A)*</td>
<td>56</td>
</tr>
</tbody>
</table>

**Electrical**

<table>
<thead>
<tr>
<th>Rated Voltage Outdoor</th>
<th>230/208-60-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Voltage Indoor</td>
<td>36V DC</td>
</tr>
<tr>
<td>Indoor Dimensions</td>
<td>42 15/16 x</td>
</tr>
<tr>
<td></td>
<td>11 13/16 x</td>
</tr>
<tr>
<td></td>
<td>7 1/32</td>
</tr>
<tr>
<td>Weight (lbs.)</td>
<td>28.6</td>
</tr>
</tbody>
</table>

**Outdoor Dimensions**

<table>
<thead>
<tr>
<th>W x H x D (inches)</th>
<th>34 5/16 x</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>25 13/16 x</td>
</tr>
<tr>
<td></td>
<td>12 5/8</td>
</tr>
<tr>
<td>Weight (lbs.)</td>
<td>132.3</td>
</tr>
</tbody>
</table>

**Thermostat Range**

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

*LG verified sound ratings

---

Warranty: 2 years parts; 5 years compressor.
See page 26 for electrical specifications, refrigerant line requirements & formulas. See page 27 for installation materials.
30,000 BTUs

**Features:**
- Inverter (variable speed compressor)
- Ultra-quiet operation
- 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
- Energy Saving
- 4 Fan speeds
- Outdoor Unit Includes:
  - *Outdoor unit has sufficient refrigerant for charging indoor coil and a 25’ line set (line set not included)

**System Model #** LS306HV

**Indoor Model #** LSN306HV

**Outdoor Model #** LSU306HV

**Performance**
- Capacity (BTUs): 26,400
- 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: 47.5/5 x 13.5/5 x 8 1/4
- Weight (lbs.): 37.5

**Outdoor Dimensions**
- Weight (lbs.): 147.7

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

**Warranty:** 2 years parts; 5 years compressor

See page 26 for electrical specifications, refrigerant line requirements & formulas. See page 27 for installation materials.
**DUCT-FREE AIR CONDITIONERS**

**LG INTERNET SALES POLICY**

**Duct-Free Air Conditioning Products**

LG’s expressed Duct-Free Air Conditioning warranty policy applies only to products sold and installed by qualified air conditioning contractors. Because products sold via the Internet cannot be assured of quality installation by a qualified air conditioning contractor, LG’s expressed warranty may not apply to internet sales.

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

**FOR THE HVAC PROFESSIONAL**

**INSTALLATION + MATERIALS**

Don’t forget to **BUY…**

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

Don’t forget to **BRING…**

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

**REMEMBER THESE**

**OTHER INSTALLATION ITEMS TO CONSIDER**

Low Ambient Wiring Kit

#ICM 326H

Low Voltage Condensate Pump

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

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

Wireless Energy Management Digital Wall Thermostat for Duct-Free Systems

Part #DFSWLWT9A

See page 51 for more details. Applicable to 36V DC indoor models (Single Zone only)

Wired Wall Thermostat for Duct-Free Systems

Part # PQRCVSL0

Applicable to LS091HSV, LS121HSV, LS161HSV, LS181HSV, LS240HSV models only

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

Flex Multi-Split Systems

-the larger, Flex Multi-Split systems operate two, three or four interior units that are mounted in separate rooms. Each indoor unit comes with its own remote control, allowing the customer to set the temperature individually in different rooms. These units are connected to a single exterior unit. The interior units are available in a variety of styles, including Art Cool, Standard, Ceiling Cassette, and Ceiling Concealed Duct models. Dual-, Tri- and Quad-Zone are available in Heat Pump systems.

**Available styles and finishes**

- Flex Multi-Split Art Cool Indoor Unit Mirror Finish
- Standard Mirror PSAPEC10 (9, 12K) PSAPEC18 (18, 24K)
- Organic Cream White PSAPEC10 (9, 12K) PSAPEC18 (18, 24K)
- Art Flower Gold PSAPEC10 (9, 12K) PSAPEC18 (18, 24K)
- Snow Flower White PSAPEC10 (9, 12K) PSAPEC18 (18, 24K)

**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

*LG is not responsible for improper installation.
WHY LG?

Energy Saving with LG inverter Technology

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

Design Flexibility
Outdoor units connect to several indoor unit styles

Outdoor Units H/P Inverter

18,000-36,000 BTUs

- **LMU186HV**
- **LMU246HV**
- **LMU366HV**

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

---

### Outdoors Model H/P Inverter #

<table>
<thead>
<tr>
<th>Capacity *</th>
<th>LMU186HV</th>
<th>LMU246HV</th>
<th>LMU366HV</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTU/h</td>
<td>18,000</td>
<td>24,000</td>
<td>36,000</td>
</tr>
<tr>
<td>Power Input</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Min.-Rated-Max. Power</td>
<td>Cooling kW</td>
<td>0.52~1.25-2.06</td>
<td>0.72~1.96-3.27</td>
</tr>
<tr>
<td>Heating kW</td>
<td>0.77~1.63-2.18</td>
<td>0.72~3.32-3.35</td>
<td>0.72~3.70-4.10</td>
</tr>
<tr>
<td>Running Current</td>
<td>Heating A</td>
<td>2.3<del>5.8</del>9.5</td>
<td>3.0<del>7.2</del>15.2</td>
</tr>
<tr>
<td>Power Supply</td>
<td>Heating A</td>
<td>3.4<del>7.6</del>10.1</td>
<td>4.5<del>14.9</del>18.2</td>
</tr>
<tr>
<td>Power Supply Cable (Outdoor)</td>
<td>No. x AWG</td>
<td>3 x 14</td>
<td>3 x 12</td>
</tr>
<tr>
<td>Transmission Cable (Outdoor to Indoor unit)</td>
<td>No. x AWG</td>
<td>4 x 18</td>
<td>4 x 18</td>
</tr>
<tr>
<td>Dimensions (W x H x D) inch</td>
<td>34.3 x 25.8 x 12.6</td>
<td>34.3 x 31.8 x 12.6</td>
<td>34.3 x 31.8 x 12.6</td>
</tr>
<tr>
<td>Net Weight</td>
<td>lbs</td>
<td>115</td>
<td>143.3</td>
</tr>
<tr>
<td>Max. # of Connectable Indoor Units</td>
<td>—</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Refrigerant Charge (at 24.6 ft.) oz</td>
<td>59.97</td>
<td>89.95</td>
<td>89.95</td>
</tr>
<tr>
<td>Type</td>
<td>R410A</td>
<td>R410A</td>
<td>R410A</td>
</tr>
<tr>
<td>Control</td>
<td>EEV</td>
<td>EEV</td>
<td>EEV</td>
</tr>
<tr>
<td>Sound Level (H/L)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sound Pressure dBA+x</td>
<td>51/49</td>
<td>52</td>
<td>52</td>
</tr>
<tr>
<td>Liquid</td>
<td>inch</td>
<td>1/4 x 2EA</td>
<td>1/4 x 3EA</td>
</tr>
<tr>
<td>Gas</td>
<td>inch</td>
<td>3/8 x 2EA</td>
<td>3/8 x 3EA</td>
</tr>
<tr>
<td>Piping length spec.</td>
<td>ft.</td>
<td>164.0</td>
<td>246.1</td>
</tr>
<tr>
<td>Max. outdoor piping</td>
<td>ft.</td>
<td>82.0</td>
<td>82.0</td>
</tr>
<tr>
<td>Piping length spec. (outdoor)</td>
<td>ft.</td>
<td>132.0</td>
<td>132.0</td>
</tr>
<tr>
<td>Max. Elevation Difference</td>
<td>Outdoor Unit-Indoor Unit</td>
<td>48.2</td>
<td>48.2</td>
</tr>
<tr>
<td>Indoor Unit-Indoor Unit</td>
<td>ft.</td>
<td>24.6</td>
<td>24.6</td>
</tr>
</tbody>
</table>

### Note:
1. Capacities are based on the following conditions:
   - Cooling: Outdoor Temperature 86ºF (30ºC) DB/67 ºF (19.4ºC) WB
   - Outdoor Temperature 25ºF (–3.9ºC) DB/71ºF (21.7ºC) WB
   - Indoor Temperature 80ºF (26.7ºC) DB/67.7ºF (19.8ºC) WB
   - Operation Range Cooling: 5°F (5.6ºC) to 80°F (26.7ºC)
   - Heating: 14°F (5.5ºC) to 37°F (2.8ºC)

2. Dimensions are based on 2, 3, or 4 indoor units.

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.

---

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

---

**Outdoors Model H/P Inverter #**

<table>
<thead>
<tr>
<th>Outdoor Model H/P Inverter #</th>
<th>LMU186HV</th>
<th>LMU246HV</th>
<th>LMU366HV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity *</td>
<td>18,000</td>
<td>24,000</td>
<td>36,000</td>
</tr>
<tr>
<td>Power Input</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Min.-Rated-Max. Power</td>
<td>Cooling kW</td>
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<tr>
<td>Running Current</td>
<td>Heating A</td>
<td>2.3<del>5.8</del>9.5</td>
<td>3.0<del>7.2</del>15.2</td>
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<tr>
<td>Power Supply</td>
<td>Heating A</td>
<td>3.4<del>7.6</del>10.1</td>
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<td>Control</td>
<td>EEV</td>
<td>EEV</td>
<td>EEV</td>
</tr>
<tr>
<td>Sound Level (H/L)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sound Pressure dBA+x</td>
<td>51/49</td>
<td>52</td>
<td>52</td>
</tr>
<tr>
<td>Liquid</td>
<td>inch</td>
<td>1/4 x 2EA</td>
<td>1/4 x 3EA</td>
</tr>
<tr>
<td>Gas</td>
<td>inch</td>
<td>3/8 x 2EA</td>
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</tr>
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</tr>
<tr>
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<td>Max. Elevation Difference</td>
<td>Outdoor Unit-Indoor Unit</td>
<td>48.2</td>
<td>48.2</td>
</tr>
<tr>
<td>Indoor Unit-Indoor Unit</td>
<td>ft.</td>
<td>24.6</td>
<td>24.6</td>
</tr>
</tbody>
</table>

---

### Outdoor Operation Range

- Cooling: 14°F (5.5ºC) to 80°F (26.7ºC)
- Heating: 14°F (5.5ºC) to 37°F (2.8ºC)

---

### Note:
1. Capacities are based on the following conditions:
   - Cooling: Outdoor Temperature 86ºF (30ºC) DB/67 ºF (19.4ºC) WB
   - Outdoor Temperature 25ºF (–3.9ºC) DB/71ºF (21.7ºC) WB
   - Indoor Temperature 80ºF (26.7ºC) DB/67.7ºF (19.8ºC) WB

2. Piping 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.
**FEATURES:**
- Inverter (variable speed compressor)
- Auto restart operation
- 24-Hour on/off timer
- Plasma Swing
- Plasma air purifying system
- Auto operation (Artificial Intelligence)
- Changeable front color
- Panel option
- Self-cleaning indoor coil
- Wireless LCD remote control, batteries, holder & holder hardware
- Installation plate & hardware
- Wide thermostat available, sold separately

**Indoor Unit Includes:**
- Wall unit
- Power Supply (Ø/V/Hz)
- Runnning Current (A)
- Refrigerant R410A
- Temperature Sensor Thermistor

**Piping Connections:**
- Liquid (inches)
- Gas (inches)
- Drain OD/ID (inches)
- Temperature Sensor

**Dimensions (WxHxD):**
- Body (inches)
- Decorative Panel (inches)
- Net Weight Body (lbs)
- Net Weight Decorative Panel (lbs)

**Note:**
1. Capacities are based on the following conditions:
   - Cooling: Indoor Temperature 80°F (26.7°C) / DB/77°F (19.6°C) WB
   - Heating: Indoor Temperature 70°F (21.1°C) / DB/60°F (15.6°C) WB
2. Wiring cable size must comply with the applicable local and national code.
3. The specification may be subject to change without prior notice for purpose of improvement.
4. For more capacity(*) information, refer to the combination tables.

---

**ART COOL • FLEX MULTI-SPLIT 9,000-18,000 BTUs**

**Indoor Model H/P Inverter #**
- LMAN095HVT
- LMAN125HVT
- LMAN185HVT

**Indoor Unit Includes:**
- Wall unit
- Power Supply (Ø/V/Hz)
- Runnning Current (A)
- Refrigerant R410A
- Temperature Sensor Thermistor

**Piping Connections:**
- Liquid (inches)
- Gas (inches)
- Drain OD/ID (inches)
- Temperature Sensor

**Dimensions (WxHxD):**
- Body (inches)
- Decorative Panel (inches)
- Net Weight Body (lbs)
- Net Weight Decorative Panel (lbs)

**Note:**
1. Capacities are based on the following conditions:
   - Cooling: Indoor Temperature 80°F (26.7°C) / DB/77°F (19.6°C) WB
   - Heating: Indoor Temperature 70°F (21.1°C) / DB/60°F (15.6°C) WB
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.

---

**STANDARD • FLEX MULTI-SPLIT 9,000-18,000 BTUs**

**Indoor Model H/P Inverter #**
- LMN095HVT (H/P Model)
- LMN125HVT (H/P Model)
- LMN185HVT (H/P Model)

**Indoor Unit Includes:**
- Wall unit
- Power Supply (Ø/V/Hz)
- Runnning Current (A)
- Refrigerant R410A
- Temperature Sensor Thermistor

**Piping Connections:**
- Liquid (inches)
- Gas (inches)
- Drain OD/ID (inches)
- Temperature Sensor

**Dimensions (WxHxD):**
- Body (inches)
- Decorative Panel (inches)
- Net Weight Body (lbs)
- Net Weight Decorative Panel (lbs)

**Note:**
1. Capacities are based on the following conditions:
   - Cooling: Indoor Temperature 80°F (26.7°C) / DB/77°F (19.6°C) WB
   - Heating: Indoor Temperature 70°F (21.1°C) / DB/60°F (15.6°C) WB
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.

---

**Warranty:** 2 years parts; 5 years compressor.

See page 36 for electrical specifications, refrigerant line requirements & formulas. See page 27 for installation materials.
**CEILING CONCEALED DUCT • FLEX MULTI-SPLIT**

9,000-18,000 BTUs

**FEATURES:**
- Inverter (variable speed compressor)
- Auto restart operation
- Drain pump
- Control lock function
- Auto operation (Artificial Intelligence)

**Interior Unit Includes:**
- Ceiling unit
- Wired remote control
- Owner's manual

**ETL#:** 3091879

---

**Indoor Model H/P Inverter #**

<table>
<thead>
<tr>
<th>LMDN095HV</th>
<th>LMDN125HV</th>
<th>LMDN185HV</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity</strong> (BTU/h)</td>
<td>9,000 Class</td>
<td>12,000 Class</td>
</tr>
<tr>
<td>Fan Air Flow Rate (CFM)</td>
<td>8.5/7.5/6.5</td>
<td>9.5/8.5/7.5</td>
</tr>
<tr>
<td>Dehumidification Rate (l/h)</td>
<td>1</td>
<td>1.2</td>
</tr>
<tr>
<td>Sound Level H/M/L (dB(A)+3)</td>
<td>32/26/25</td>
<td>33/31/26</td>
</tr>
<tr>
<td>Power Supply (Ø/V/Hz)</td>
<td>1/208~230/60</td>
<td>1/208~230/60</td>
</tr>
<tr>
<td>Piping Connections</td>
<td>Liquid (inches) 1/4</td>
<td>1/4</td>
</tr>
<tr>
<td>Gas (inches)</td>
<td>3/8</td>
<td>3/8</td>
</tr>
<tr>
<td>Drain OD,ID (inches)</td>
<td>1 1/4, 1</td>
<td>1 1/4, 1</td>
</tr>
<tr>
<td>Temperature Sensor</td>
<td>Thermostat Thermostat Thermostat</td>
<td></td>
</tr>
<tr>
<td>Refrigerant</td>
<td>R410A R410A</td>
<td></td>
</tr>
<tr>
<td>Power/Transmission Interunit Cable (No. x AWG)</td>
<td>4 x 18</td>
<td>4 x 18</td>
</tr>
</tbody>
</table>

**Dimensions (WxHxD)**

| Body (inches) | 32 9/32x27 1/2x22 1/32 | 32 9/32x27 1/2x22 1/32 | 43 5/16x22 1/32 |
| Decorative Panel (inches) | - | - | - |
| Net Weight Body (lbs) | 45.2 | 45.2 | 56.4 |
| Net Weight Decorative Panel (lbs) | - | - | - |

**Note:**
1. Capacities are based on the following conditions:
   - Cooling: Indoor Temperature 80°F (26.7°C), Outdoor Temperature 90°F (32.2°C) dB(50) 1.9dB(50) 1.4dB(60) 1.1dB(60)
   - Heating: Indoor Temperature 70°F (21.1°C), Outdoor Temperature 40°F (4.4°C) dB(50) 13.3dB(50) 12.6dB(60) 11.9dB(60)

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

---

**CEILING CASSETTE • FLEX MULTI-SPLIT**

12,000-18,000 BTUs

**FEATURES:**
- Inverter (variable speed compressor)
- Auto restart operation
- Drain pump
- Control lock function
- Auto operation (Artificial Intelligence)

**Interior Unit Includes:**
- Ceiling unit
- Wireless LCD remote control, batteries, Wireless LCD remote control, batteries, holder & holder hardware

**ETL#:** 3091879

---

**Indoor Model H/P Inverter #**

<table>
<thead>
<tr>
<th>LMCN125HV</th>
<th>LMCN185HV</th>
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</thead>
<tbody>
<tr>
<td><strong>Capacity</strong> (BTU/h)</td>
<td>12,000 Class</td>
</tr>
<tr>
<td>Fan Air Flow Rate (CFM)</td>
<td>9.5/8/7</td>
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<tr>
<td>Dehumidification Rate (l/h)</td>
<td>335/282/247</td>
</tr>
<tr>
<td>Sound Level H/M/L (dB(A)+3)</td>
<td>38/35/32</td>
</tr>
<tr>
<td>Power Supply (Ø/V/Hz)</td>
<td>1/208-230/60</td>
</tr>
<tr>
<td>Piping Connections</td>
<td>Liquid (inches) 1/4</td>
</tr>
<tr>
<td>Gas (inches)</td>
<td>3/8</td>
</tr>
<tr>
<td>Drain OD,ID (inches)</td>
<td>1 1/4, 1</td>
</tr>
<tr>
<td>Temperature Sensor</td>
<td>Thermostat Thermostat</td>
</tr>
<tr>
<td>Refrigerant</td>
<td>R410A R410A</td>
</tr>
<tr>
<td>Power/Transmission Interunit Cable (No. x AWG)</td>
<td>4 x 18</td>
</tr>
</tbody>
</table>

**Dimensions (WxHxD)**

| Body (inches) | 22 7/16x18 7/16x22 7/16 | 22 7/16x10x22 7/16 |
| Decorative Panel (inches) | 27 6/19x1 3/16x7 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:**
1. Capacities are based on the following conditions:
   - Cooling: Indoor Temperature 80°F (26.7°C), Outdoor Temperature 90°F (32.2°C) dB(50) 1.9dB(50) 1.4dB(60) 1.1dB(60)
   - Heating: Indoor Temperature 70°F (21.1°C), Outdoor Temperature 40°F (4.4°C) dB(50) 13.3dB(50) 12.6dB(60) 11.9dB(60)

2. Wiring cable size must comply with the applicable local and national codes.
3. The specification may be subject to change without prior notice for purpose of improvement.
4. For more capacity(*) information, refer to the combination tables.
FLEX MULTI-SPLIT • DUAL-, TRI-, & QUAD-ZONE

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

### Electrical Specifications

<table>
<thead>
<tr>
<th>Zone</th>
<th>Type</th>
<th>Model</th>
<th>Voltage Indoor/Outdoor</th>
<th>Running Current</th>
<th>MCA*</th>
<th>MOP**</th>
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**All equipment are single phase.**

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

### Refrigerant Line & Formula Specifications

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<th>Additional Refrigerant</th>
<th>Max. Length Each Pipe</th>
<th>Max. Elevation</th>
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<td>0.22 oz./ft.</td>
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**Note:** All equipment are single phase.

**Minimum Circuit Ampacity:**
- **MCA:** Minimum Current Amperage
- **MOP:** Maximum Overcurrent Protection

**Wire Size:**
- **Minimum wiring requirements suggested by manufacturer**
- **AWG:** American Wire Gauge

---

MULTI-SPLIT SYSTEM

### Combined Systems

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<tr>
<th>System</th>
<th>Combined With</th>
<th>Nominal Cooling Capacity</th>
<th>EER</th>
<th>SEER</th>
<th>Nominal Heating Capacity</th>
<th>COP</th>
<th>Low Heating Capacity</th>
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<th>HSPF</th>
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### Accessory

**Wired Wall Thermostat for Flex-Multi Split System**

- PI485 V-net control integration accessory
- Control integration to LG V-net controls (AC Smart, ACP, BACnet, LonWorks, etc.)
- Applied to Inverter Flex Multi (dual, tri, and quad zone) and Single Inverter Ceiling Cassette.
- Model #: PMNFP14A0

---

**NOTICE:**
- Minimum Circuit Ampacity
- Maximum Overcurrent Protection
- For LMU246HV, LMU366HV

**Nominal**
- Btu/h: British Thermal Units per hour
- EER: Energy Efficiency Ratio
- SEER: Seasonal Energy Efficiency Ratio
- Heating COP: Coefficient of Performance for Heating
- HSPF: Heating Seasonal Performance Factor
### FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

**LMU186HV**

Non Ducted Type Indoor Unit

#### Cooling

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<tr>
<th>Combination of Indoor Unit (kBTU/h Class)</th>
<th>Room Capacity</th>
<th>Total Capacity</th>
<th>Input(W)</th>
<th>Current(A)</th>
<th>COP</th>
<th>HSPF</th>
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<td>UNIT-C</td>
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#### Heating

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### Ducted Type Indoor Unit

#### Cooling

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#### Heating

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### Ducted Type Indoor Unit

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### Ducted Type Indoor Unit

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### FLEX MULTI-SPLIT • COMBINATION OF INDOOR UNIT

**Ducted Type Indoor Unit continued**

**Heating**

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#### LMU366HV

**Non Ducted Type Indoor Unit**

**Cooling**

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### Ducted Type Indoor Unit

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**Ducted Type Indoor Unit continued**

**Cooling**

**Heating**
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.
### Features:
- Inverter (Variable speed compressor)
- R-410a Refrigerant
- Three-dimensional cooling (24k BTUs Only)
- Jet Cool
- Cooling mode
- Dehumidifying mode
- 7-Hour on/off timer
- Auto restart
- Auto Changeover
- Plasma Air Purifying System
- Auto Changeover
- Built-in remote control holder
- Temperature display on indoor unit
- Internal condensate pump
- Swirl Wind
- Jet Cool
- Cooling mode
- Dehumidifying mode
- 5 fan speeds
- Independent vane control
- Evaporator frost control
- 24-Hour on/off timer
- Auto restart
- Auto Changeover
- Temperature display on remote
- Ultra-quiet turbo fan
- Gold Fin™ Anti-Corrosion

### Performance
- **System Model #**
  - LF246HV: LC246HV
  - LF426HV: LC426HV
- **Capacity (BTUs)**
  - 24,000: 23,000/25,000
  - 42,000: 41,000/41,000
- **SEER**
  - 13
- **HSPF**
  - 7.7
- **EER**
  - 9.2/9.8
- **Air Circulation (CFM H/M/L)**
  - 671/565/459
  - 1,236/1,059/882
- **Fan Speeds (Cooling/Fan)**
  - 3/3
- **Air Circulation (CFM H/M/L)**
  - 671/565/459
  - 1,236/1,059/882
- **Outdoor dB(A)**
  - 45/42/40
  - 56/53/51
- **Indoor dB(A)**
  - 55
- **Electrical**
  - Rated Voltage Outdoor
    - 230/208-60-1
  - Rated Voltage Indoor
    - 230/208
  - Power Input (Cooling/Heating)
    - 2,500/2,550
  - Max Power Input
    - 3,800
  - **Indoor Dimensions**
    - W x H x D (inches)
      - 22.4/9 x 71.2/3 x 12.3/5
      - 37.1/3/2 x 71.1/4 x 17.5/16
      - 12.3/2 x 37.1/3/2 x 12.3/2 x 27.7
  - **Outdoor Dimensions**
    - W x H x D (inches)
      - 31/1 1/2 x 54.21/8 x 12.3/19/32
      - 34.1/4 x 54.21/8 x 12.3/19/32
      - 37.1/3/2 x 54.21/8 x 12.3/19/32
      - 11.3/2 x 37.1/3/2 x 11.3/2
  - **Weight (lbs.)**
    - 94.8
    - 127.9
    - 37.1/3/2 x 127.9
    - 37.1/3/2 x 127.9
    - 127.9
    - 37.1/3/2 x 37.1/3/2
    - 37.1/3/2 x 127.9
  - **Thermostat Range**
    - Cooling (°F)
      - 61-86
    - Heating (°F)
      - 60-86
  - **Weight (lbs.)**
    - 46.3
    - 57.3
    - 37.1/3/2 x 11.3/2
    - 37.1/3/2 x 11.3/2
  - **Thermostat Range**
    - Cooling (°F)
      - 64-86
    - Heating (°F)
      - 60-86
  - **Weight (lbs.)**
    - 132.3
    - 227.1

### Warranty
- 2 years parts; 5 years compressor.
ULTRA QUIET LG PTAC SYSTEMS

PACKAGED TERMINAL AIR CONDITIONERS

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

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

### Electrical Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>System #</th>
<th>BTUs</th>
<th>Indoor Voltage</th>
<th>Outdoor Voltage</th>
<th>Rated Amps</th>
<th>MCA*</th>
<th>MOP**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Floor Standing H/P</td>
<td>LF24SHV</td>
<td>24,000</td>
<td>230/208</td>
<td>230/208</td>
<td>11.5/11.5</td>
<td>20</td>
<td>30</td>
</tr>
<tr>
<td>H/P</td>
<td>LF42SHV</td>
<td>42,000</td>
<td>230/208</td>
<td>230/208</td>
<td>20.0/20.0</td>
<td>30</td>
<td>40</td>
</tr>
<tr>
<td>Ceiling Cassette H/P</td>
<td>LC24SHV</td>
<td>24,000</td>
<td>230/208</td>
<td>230/208</td>
<td>11.5/12.4</td>
<td>20</td>
<td>30</td>
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<tr>
<td>H/P</td>
<td>LC42SHV</td>
<td>42,000</td>
<td>230/208</td>
<td>230/208</td>
<td>11.5/16.5</td>
<td>30</td>
<td>40</td>
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</tbody>
</table>

All equipment single phase.

*Minimum Circuit Ampacity
**Maximum Overcurrent Protection

### Refrigerant Line Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>System #</th>
<th>BTUs</th>
<th>Pipe size</th>
<th>Liquid Suction</th>
<th>Additional Refrigerant</th>
<th>Max. length each pipe</th>
<th>Max. elevation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Floor Standing H/P</td>
<td>LF24SHV</td>
<td>24,000</td>
<td>3/8&quot;</td>
<td>5/8&quot;</td>
<td>0.32 oz./ft.</td>
<td>100'</td>
<td>66'</td>
</tr>
<tr>
<td>H/P</td>
<td>LF42SHV</td>
<td>42,000</td>
<td>3/8&quot;</td>
<td>5/8&quot;</td>
<td>0.42 oz./ft.</td>
<td>131'</td>
<td>82'</td>
</tr>
<tr>
<td>Ceiling Cassette H/P</td>
<td>LC24SHV</td>
<td>24,000</td>
<td>3/8&quot;</td>
<td>5/8&quot;</td>
<td>0.32 oz./ft.</td>
<td>100'</td>
<td>50'</td>
</tr>
<tr>
<td>H/P</td>
<td>LC42SHV</td>
<td>42,000</td>
<td>3/8&quot;</td>
<td>5/8&quot;</td>
<td>0.42 oz./ft.</td>
<td>115'</td>
<td>66'</td>
</tr>
</tbody>
</table>

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

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

### Digital Control Panel Wireless Environmental Control Manager (ECM)

- 7,000-15,000 BTUs

---

51 52
PTAC Features & Benefits

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

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

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

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

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

Sensors
4 Sensors provide highly efficient
operation and maximize guest comfort.

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

Dip Switch setting
Saves money by control the
Lowest & Highest temperature

Power Cord
Included with every unit.

4 Sensors provide highly efficient
operation and maximize guest comfort.

Pressure control
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Dip Switch setting
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Lowest & Highest temperature

Power Cord
Included with every unit.

R 410A Refrigerant
Environmentally Friendly
Refrigerant utilized in the
majority of LG systems

Gold Fin™ Anti-Corrosion
Protects the unit from the corrosive effects
of outside air and extends the operating life
of PTAC models. LG’s patented process is
standard on ALL LG PTAC models.

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

Sensors
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of PTAC models. LG’s patented process is
standard on ALL LG PTAC models.

Ceramic Heater
Even, stable and safe heating platform.

Wireless PTAC Control Card
• Snaps directly to PTAC Control Board

LG Environmental Control Manager (ECM)
• Digital touch-screen controls
• Integrated occupancy sensor
• Built-in wireless networking
• Web-based remote management
• Effortless installation
• Unprecedented energy savings

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

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

Emergency Heat
(Heat Pump Models Only)
Bypasses compressor operation and activates the
ceramic or coil heater during periods of extreme cold.
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monitor and maintain indoor temperature to
prevent freezing.

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

- **Gold Fin™ anti-corrosion**
- **Energy saver mode**
- **Evaporator frost control**
- **Autorestart**
- **Digital temperature control**
- **Fan mode**
- **Front desk control**
- **Dip switch settings**

**System Includes:**
- Wall unit
- Installation manual
- UL#: SA1363

**System Model #**

<table>
<thead>
<tr>
<th>Model</th>
<th>Digital</th>
<th>Digital</th>
<th>Digital</th>
<th>Digital</th>
<th>Digital</th>
<th>Digital</th>
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<tbody>
<tr>
<td>LP073CD2A</td>
<td>Digital</td>
<td>Digital</td>
<td>Digital</td>
<td>Digital</td>
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<td>LP083CD2A</td>
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<tr>
<td>LP123CD2A</td>
<td>Digital</td>
<td>Digital</td>
<td>Digital</td>
<td>Digital</td>
<td>Digital</td>
<td>Digital</td>
<td>Digital</td>
</tr>
</tbody>
</table>

### Performance

- **Capacity (BTUs)**
  - 7,000 to 15,000 BTUs Digital Control (230V)
- **Rated Voltage**
  - 230/208-60-1
- **Electrical**
  - Electric Heater (kW)
  - Circuit Breaker (A)
  - Dimensions
  - Weight

### Thermostat Range

- **Cooling/Heating (°F)**
- **Weight (lbs.)**

**System Includes:**
- Wall unit
- Installation manual
- UL#: SA1363
WIRELESS WALL THERMOSTAT FOR LG PTACS & DUCT-FREE SPLIT SYSTEMS

WIRELESS ENERGY MANAGEMENT DIGITAL THERMOSTAT

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

- ECM Kit includes the thermostat and the PTAC Control Card - with or - Network Connection Kit includes Network Server, Network Node, Programming unit, USB Cable, RJ-45 Cable, 2 AAA Batteries

Touch-Screen Interface

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

Energy Savings

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

Remote Management

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

Occupancy Detection

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

Wireless Networking

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

Full HVAC Compatibility

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

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.

LG DUCT-FREE SPLIT SYSTEMS Part #: D5WS/WS/WD

PARTS & ACCESSORIES

PACKAGED TERMINAL AIR CONDITIONERS

<table>
<thead>
<tr>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>42” Wall Sleeve</td>
<td>AYSVB01A</td>
</tr>
<tr>
<td>42” Stamped Aluminum Rear Grille</td>
<td>AYRALGAL01A</td>
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<tr>
<td>Architecture Grille - Aluminum</td>
<td>AYAGAL01A</td>
</tr>
<tr>
<td>Architecture Grille - Dark Bronze</td>
<td>AYAGALB01A</td>
</tr>
<tr>
<td>Architecture Grille - Soft Dove</td>
<td>AYAGALC01A</td>
</tr>
<tr>
<td>Digital Wired Wall Thermostat</td>
<td>PYRUCUC0A</td>
</tr>
<tr>
<td>EMS/Front Desk Control Connection Kit</td>
<td>AYFD101</td>
</tr>
<tr>
<td>Sub Base 20A 230/208V</td>
<td>AYSB01A</td>
</tr>
<tr>
<td>Sub Base 30A 230/208V</td>
<td>AYSB101A</td>
</tr>
<tr>
<td>Sub Base 20A 265V</td>
<td>AYSB3101A</td>
</tr>
<tr>
<td>Sub Base 30A 265V</td>
<td>AYSB4101A</td>
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<tr>
<td>Fuse Holder Kit (230V, 30A)</td>
<td>AYFH101A</td>
</tr>
<tr>
<td>Hardwire Kit</td>
<td>AYHW101</td>
</tr>
</tbody>
</table>

*Energy Watch*

*Filter Monitor*

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.

For technical support, call 866-908-6864 press#2
PACKAGED TERMINAL AIR CONDITIONERS

PARTS & ACCESSORIES

<table>
<thead>
<tr>
<th>CFM</th>
<th>Heating BTUs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hydronic</td>
</tr>
<tr>
<td>270</td>
<td>14,500</td>
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<tr>
<td>300</td>
<td>15,500</td>
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<tr>
<td>335</td>
<td>16,500</td>
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<tr>
<td>355</td>
<td>17,000</td>
</tr>
<tr>
<td>390</td>
<td>17,500</td>
</tr>
<tr>
<td>420</td>
<td>18,500</td>
</tr>
</tbody>
</table>

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

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.

**Trim Molding**

If desired

**Caulk**

(4 sides)

**Room Side**

Box and Receptacle

**Outside**

13 3/4" H x 24" W x 12 3/4" D

**Installation • Quick Reference**

Warranty: 5 years parts, labor, and compressor. See page 61 for electrical specifications and accessories.
**THROUGH-THE-WALL AIR CONDITIONERS**

**8,000-14,000 BTUs**

<table>
<thead>
<tr>
<th>System Model #</th>
<th>LT081CER (A/C Model)</th>
<th>LT101CNR (A/C Model)</th>
<th>LT103CER (A/C Model)</th>
<th>LT121CNR (A/C Model)</th>
<th>LT123CNR (A/C Model)</th>
<th>LT143CNR (A/C Model)</th>
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</thead>
<tbody>
<tr>
<td><strong>Performance</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capacity (BTUs)</td>
<td>8,000</td>
<td>9,800</td>
<td>10,000/9,800</td>
<td>11,500</td>
<td>11,500/11,200</td>
<td>13,000/12,600</td>
</tr>
<tr>
<td>EER</td>
<td>9.6</td>
<td>8.8</td>
<td>9.4/9.4</td>
<td>8.8</td>
<td>8.8/8.8</td>
<td>8.5/8.5</td>
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<tr>
<td>Energy Star</td>
<td>5</td>
<td>6</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Air Circulation (CFM H/L)</td>
<td>260/220</td>
<td>285/225</td>
<td>285/225</td>
<td>290/230</td>
<td>290/230</td>
<td>310/250</td>
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<tr>
<td>Fan Speeds (Cooling/Fan)</td>
<td>3/3</td>
<td>3/3</td>
<td>3/3</td>
<td>3/3</td>
<td>3/3</td>
<td>3/3</td>
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<tr>
<td>Dehumidification (pts/hr)</td>
<td>2.2</td>
<td>3.2</td>
<td>3.2</td>
<td>3.8</td>
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<tr>
<td>Indoor dB(A)*</td>
<td>49/46</td>
<td>51/48</td>
<td>51/48</td>
<td>52/49</td>
<td>52/49</td>
<td>53/50</td>
</tr>
<tr>
<td>Outdoor dB(A)*</td>
<td>59</td>
<td>60</td>
<td>60</td>
<td>61</td>
<td>61</td>
<td>62</td>
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<td><strong>Electrical</strong></td>
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<tr>
<td>Rated Voltage</td>
<td>115/60-1</td>
<td>115/60-1</td>
<td>230/208-60-1</td>
<td>115/60-1</td>
<td>230/208-60-1</td>
<td>230/208-60-1</td>
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<tr>
<td>Circuit Breaker (A)</td>
<td>15</td>
<td>15</td>
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<td>15</td>
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<td>15</td>
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<tr>
<td><strong>Dimensions</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>W x H x D (INCHES)</td>
<td>14 13/32 x</td>
<td>14 13/32 x</td>
<td>14 13/32 x</td>
<td>14 13/32 x</td>
<td>14 13/32 x</td>
<td>14 13/32 x</td>
</tr>
<tr>
<td>Weight (lbs.)</td>
<td>73.0</td>
<td>78.0</td>
<td>78.0</td>
<td>80.0</td>
<td>80.0</td>
<td>87.0</td>
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<tr>
<td><strong>Thermostat Range</strong></td>
<td>Cooling (°F)</td>
<td>60-86</td>
<td>60-86</td>
<td>60-86</td>
<td>60-86</td>
<td>60-86</td>
</tr>
</tbody>
</table>

*LG verified sound rating

**Features:**
- Gold Fin™ anti-corrosion treatment
- Auto sleep mode
- Auto restart
- 12-Hour on/off timer
- Fan mode

**System Includes:**
- Wall unit
- Remote control and batteries
- Installation manual
- Trim kit

**UL#**: SA7244

---

**THROUGH-THE-WALL AIR CONDITIONERS**

**10,000-12,000 BTUs**

<table>
<thead>
<tr>
<th>System Model #</th>
<th>LT103HNR (H/C Model)</th>
<th>LT123HNR (H/C Model)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Performance</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capacity (BTUs)</td>
<td>10,000/9,800</td>
<td>11,500/11,200</td>
</tr>
<tr>
<td>EER</td>
<td>9.4/9.4</td>
<td>8.8/8.8</td>
</tr>
<tr>
<td>Air Circulation (CFM H/L)</td>
<td>285/225</td>
<td>290/230</td>
</tr>
<tr>
<td>Fan Speeds (Cooling/Heating/Fan)</td>
<td>2/2/2</td>
<td>2/2/2</td>
</tr>
<tr>
<td>Dehumidification (pts/hr)</td>
<td>3.2</td>
<td>3.8</td>
</tr>
<tr>
<td>Indoor dB(A)*</td>
<td>51/48</td>
<td>52/49</td>
</tr>
<tr>
<td>Outdoor dB(A)*</td>
<td>60</td>
<td>61</td>
</tr>
<tr>
<td><strong>Electrical</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated Voltage</td>
<td>230/208-60-1</td>
<td>230/208-60-1</td>
</tr>
<tr>
<td>Circuit Breaker (A)</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>W x H x D (INCHES)</td>
<td>14 21/32 x</td>
<td>14 21/32 x</td>
</tr>
<tr>
<td>Weight (lbs.)</td>
<td>78.0</td>
<td>80.0</td>
</tr>
<tr>
<td><strong>Thermostat Range</strong></td>
<td>Cooling/Heating (°F)</td>
<td>60-86/54-86</td>
</tr>
</tbody>
</table>

*LG verified sound rating

**Features:**
- Gold Fin™ anti-corrosion treatment
- Auto sleep mode
- Auto restart
- 12-Hour on/off timer
- Fan mode

**System Includes:**
- Wall unit
- Remote control and batteries
- Installation manual
- Trim kit

**UL#**: SA7244

---

**Warranty:** 5 years parts, labor, and compressor. See page 61 for electrical specifications and accessories.
### THROUGH-THE-WALL AIR CONDITIONERS

#### OPTIONAL ACCESSORIES

<table>
<thead>
<tr>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>26&quot; Wall Sleeve</td>
<td>AXSVA1</td>
</tr>
<tr>
<td>Stamped Aluminum Grille</td>
<td>AXRGALA01</td>
</tr>
<tr>
<td>Wall Sleeve with Stamped Aluminum Grille</td>
<td>AXSVA4</td>
</tr>
<tr>
<td>Architectural Grille</td>
<td>AXAGALA01</td>
</tr>
</tbody>
</table>

### THROUGH-THE-WALL AIR CONDITIONERS

#### WINDOW AIR CONDITIONERS

**7,000-24,000 BTUs**

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

**System Model #**

<table>
<thead>
<tr>
<th>LW7010HR</th>
<th>LW1210HR</th>
<th>LW1810HR</th>
<th>LW2410HR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance</td>
<td>Capacity (BTUs)</td>
<td>EER</td>
<td>Air Circulation (CFM)</td>
</tr>
<tr>
<td>-----------</td>
<td>---------------</td>
<td>-----</td>
<td>------------------------</td>
</tr>
<tr>
<td>7,000</td>
<td>12,000/11,500</td>
<td>9.7</td>
<td>205</td>
</tr>
<tr>
<td>9,850</td>
<td>11,200/9,200</td>
<td>9.7</td>
<td>265</td>
</tr>
<tr>
<td>18,000/17,500</td>
<td>9.7/9.7</td>
<td>9.7</td>
<td>430</td>
</tr>
<tr>
<td>23,500/23,000</td>
<td>8.5/8.5</td>
<td>8.5</td>
<td>560</td>
</tr>
</tbody>
</table>

**Electrical**

<table>
<thead>
<tr>
<th>Rated Voltage</th>
<th>Circuit Breaker (A)</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>115-60-1</td>
<td>20</td>
<td>26 x 15 3/8</td>
</tr>
<tr>
<td>230/208-60-1</td>
<td>20</td>
<td>26 x 15 3/8</td>
</tr>
<tr>
<td>230/208-60-1</td>
<td>20</td>
<td>26 x 15 3/8</td>
</tr>
</tbody>
</table>

**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

**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
- UL SA7244
- Installation manual

**Wall Sleeve Dimensions of Major Brands (inches):**

<table>
<thead>
<tr>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 17/32</td>
<td>25 7/8</td>
<td>16 23/32</td>
</tr>
<tr>
<td>15 5/8</td>
<td>26</td>
<td>16 7/8</td>
</tr>
<tr>
<td>15 3/4</td>
<td>26</td>
<td>15</td>
</tr>
<tr>
<td>15 7/16</td>
<td>25 7/8</td>
<td>18</td>
</tr>
<tr>
<td>15 17/32</td>
<td>25 7/8</td>
<td>16 23/32</td>
</tr>
</tbody>
</table>

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