

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

### 18,000 BTUs

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

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



### FEATURES:

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

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

\*LG verified sound ratings

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

### 24,000 BTUs

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



- |  |   |  |  |   |
|--|---|--|--|---|
| <ul style="list-style-type: none"> <li>Inverter(Variable speed compressor)</li> <li>R-410A Refrigerant</li> <li>Gold Fin™ Anti-Corrosion</li> <li>Chaos Swing</li> <li>Self-cleaning indoor coil</li> <li>Auto changeover</li> <li>Jet Cool</li> <li>Cooling/Heating/Fan Mode</li> <li>Auto sleep mode</li> <li>Ultra-quiet operation</li> </ul> | <ul style="list-style-type: none"> <li>Dehumidifying mode</li> <li>Auto restart</li> <li>24-Hour on/off timer</li> <li>Built-in low ambient standard, down to 14°F (cooling mode)</li> <li>Manual power switch</li> <li>Defrost control</li> <li>Temperature display on indoor unit</li> <li>Evaporator frost control</li> <li>Energy Saving</li> </ul> | <ul style="list-style-type: none"> <li>4 Fan speeds</li> </ul> | <p><b>Interior Unit Includes:</b></p> <ul style="list-style-type: none"> <li>Wall unit</li> <li>Installation plate &amp; hardware</li> <li>Remote control, batteries, holder &amp; holder hardware</li> <li>Installation manual</li> </ul> | <p><b>Exterior Unit Includes:</b></p> <ul style="list-style-type: none"> <li>Exterior unit</li> <li>Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included)</li> </ul> <p>ETL# : 3091879</p> |
|--|---|--|--|---|

System Model #	LS246HV
Indoor Model #	LSN246HV
Outdoor Model #	LSU246HV
<b>Performance</b>	
Capacity (BTUs)	C 24,400 H 26,000
SEER	14.7
Air Circulation (CFM H/M/L)	530/450/370
Fan Speeds	4/Auto/Chaos
Dehumidification (pts/hr)	6.6
Indoor dB(A)*	47/42/39
Outdoor dB(A)*	56
<b>Electrical</b>	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
<b>Indoor Dimensions</b>	
W x H x D (inches)	42 15/16 x 11 13/16 x 7 1/32
Weight (lbs.)	28.6
<b>Outdoor Dimensions</b>	
W x H x D (inches)	34 5/16 x 31 1/2 x 12 5/8
Weight (lbs.)	132.3
<b>Thermostat Range</b>	
Cooling / Heating (°F)	64-86/60-86

\*LG verified sound ratings

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

### 30,000 BTUs

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



### FEATURES:

- 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
- 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

#### Exterior Unit Includes:

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

#### Interior Unit Includes:

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

<b>System Model #</b>	<b>LS306HV</b>
Indoor Model #	LSN306HV
Outdoor Model #	LSU306HV

### Performance

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

### Electrical

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

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

Weight (lbs.)	37.5
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<b>Outdoor Dimensions</b>	34 1/4 x
W x H x D (inches)	31 1/4 x 12 3/5

Weight (lbs.)	147.7
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### Thermostat Range

Cooling / Heating (°F)	64-86 /60-86
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\*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				
<b>Mini-Split</b>	A/C	<b>C</b>	LS093CE	8,900	36V DC	115	7.0	15	15
<b>Standard</b>	A/C	<b>C</b>	LS122CE	11,500	36V DC	115	10.5	15	20
<b>Single-Zone</b>	A/C	<b>C</b>	LS186CE	17,800	36V DC	230/208	9.3/10.3	15	20
	H/P	<b>C</b> <b>H</b>	LS093HE	9,800	36V DC	115	10.5	15	20
	H/P	<b>C</b> <b>H</b>	LS122HE	11,500	36V DC	115	10.5	15	20
	H/P	<b>C</b> <b>H</b>	LS186HE	17,800	36V DC	230/208	9.3/10.3	20	30
	H/P	<b>C</b> <b>H</b>	LS246HV	24,000	230/208	230/208	12.1/11.0	16.7	25
	H/P	<b>C</b> <b>H</b>	LS306HV	26,400	230/208	230/208	13.6/14.0	17	30

All equipment single phase.

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

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

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

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

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

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

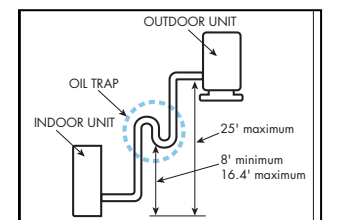


Figure A.  
Example: 25 ft. maximum elevation.