

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

18,000 BTUs

- LS181HSV (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
 - Interior Unit Includes:
 - 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 #	LS181HSV
Indoor Model #	LSN181HSV
Outdoor Model #	LSU181HSV
Performance	
Capacity (BTUs)	C 18,000 H 20,600
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

*LG verified sound ratings



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

24,000BTUs

- 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
 - Interior Unit Includes:
 - 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 #	LS240HSV
Indoor Model #	LSN240HSV
Outdoor Model #	LSU240HSV
Performance	
Capacity (BTUs)	C 24,000 H 27,600
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

*LG verified sound ratings



Accessory

Wired Wall Thermostat for High Efficient Single Zone Inverter.
(Applicable to LS091HSV, LS121HSV, LS161HSV,
LS181HSV, LS240HSV models only)



PQRCVSL0

HIGH EFFICIENT SINGLE ZONE • INVERTER

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications									
High Efficient	Type		Model	BTUs	Voltage		Rated Amps	MCA*	MOP**
					Indoor	Outdoor			
	H/P	C H	LS091HSV	8,700	230/208	230/208	6.3/7.4	8.2	15
	H/P	C H	LS121HSV	11,200	230/208	230/208	6.3/7.4	8.2	15
	H/P	C H	LS161HSV	16,300	230/208	230/208	9.2/9.7	12.4	20
	H/P	C H	LS181HSV	18,000	230/208	230/208	10.5/11.0	17.0	25
	H/P	C H	LS240HSV	23,000	230/208	230/208	11.0/12.0	18.0	25

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***									
High Efficient	Type		Model	BTUs	Pipe Size		Additional Refrigerant	Max. Pipe Length	Max. Elevation
					Liquid	Suction			
	H/P	C H	LS091HSV	9,000	1/4"	3/8"	0.22 oz./ft.	65'	32'
	H/P	C H	LS121HSV	11,200	1/4"	3/8"	0.22 oz./ft.	65'	32'
	H/P	C H	LS161HSV	16,300	1/4"	1/2"	0.22 oz./ft.	65'	49'
	H/P	C H	LS181HSV	18,000	3/8"	5/8"	0.38 oz./ft.	98'	49'
	H/P	C H	LS240HSV	23,000	3/8"	5/8"	0.38 oz./ft.	98'	49'

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

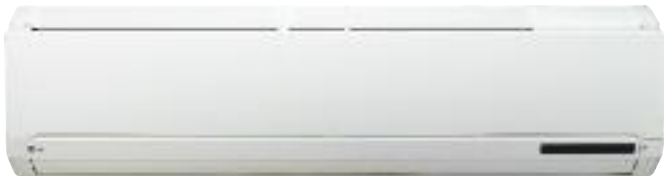
MINI-SPLIT
HIGH EFFICIENT
AIR
CONDITONERS
SINGLE ZONE

Mini-Split Standard systems utilize the same duct-free technology as Art Cool units in a streamlined, low profile design. Models are available in a variety of sizes from 9,000 through 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
9,000-18,000 BTUs



Heat Pump Inverter
White
24,000-30,000 BTUs



Indoor Unit



Outdoor Unit



*9,000 - 18,000 BTUs
units only

