

High Wall Duct-Free High Efficiency Single Zone



9,000 BTU/h

LS091HSV2 (H/P Model)

C 9,000 BTU/h Cooling

H 10,800 BTU/h Heating



INVERTER V



FEATURES:

- Inverter (Variable speed compressor)
- Energy saving
- Gold Fin™ anti-corrosion
- Self-cleaning indoor coil
- Cooling/Heating/Fan mode
- Jet cool/Jet heat
- Chaos wind
- 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
- Condensate sensor connection
- Plasma air purifying system

Interior Unit Includes:

- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual
- Optional accessories
 - Model#: PQRCVSL0(QW) (Wired wall thermostat)
 - Model#: ZLABGP01A (Low ambient wind baffle kit - cooling down to 0°F)

Exterior Unit Includes:

- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 41' line set (Line set not included)
- ETL#: 3091879



* Specification can be changed without notification

System Model #	LS091HSV2
Indoor Model #	LSN091HSV2
Outdoor Model #	LSU091HSV2
Performance	
Capacity (BTU/h)	C 9,000 H 10,800
EER	13.3
SEER	20
HSPF	11.0
Air Circulation (CFM H/M/L)	335/272/212
Fan Speeds	6/Auto/Chaos
Dehumidification (pts/hr)	2.6
Indoor H/M/L dB(A)*	38/33/24
Outdoor dB(A)*	45
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
Indoor Dimensions	
W x H x D (inches)	34 13/16 x 11 1/4 x 8 1/4
Weight (lbs.)	22.1
Outdoor Dimensions	
W x H x D (inches)	30 5/16 x 21 1/2 x 11 5/16
Weight (lbs.)	77.2
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

Limited warranty: 5 years parts; 7 years compressor.

High Wall Duct-Free High Efficiency Single Zone



12,000 BTU/h

LS121HSV2 (H/P Model)

C 11,200 BTU/h Cooling

H 13,300 BTU/h Heating



INVERTER V



FEATURES:

- Inverter (Variable speed compressor)
- Energy saving
- Gold Fin™ anti-corrosion
- Self-cleaning indoor coil
- Cooling/Heating/Fan mode
- Jet cool/Jet heat
- Chaos wind
- 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
- Condensate sensor connection
- Plasma air purifying system

Interior Unit Includes:

- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual
- Optional accessories
 - Model#: PQRCVSL0(QW) (Wired wall thermostat)
 - Model#: ZLABGP01A (Low ambient wind baffle kit - cooling down to 0°F)

Exterior Unit Includes:

- Exterior unit
 - Exterior unit has sufficient refrigerant for charging Indoor coil and a 41' line set (Line set not included)
- ETL#: 3091879



* Specification can be changed without notification

System Model #	LS121HSV2
Indoor Model #	LSN121HSV2
Outdoor Model #	LSU121HSV2
Performance	
Capacity (BTU/h)	C 11,200 H 13,300
EER	12.5
SEER	20
HSPF	11.0
Air Circulation (CFM H/M/L)	353/272/212
Fan Speeds	6/Auto/Chaos
Dehumidification (pts/hr)	3.0
Indoor H/M/L dB(A)*	39/33/24
Outdoor dB(A)*	45
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
Indoor Dimensions	
W x H x D (inches)	34 13/16 x 11 1/4 x 8 1/4
Weight (lbs.)	22.1
Outdoor Dimensions	
W x H x D (inches)	30 5/16 x 21 1/2 x 11 5/16
Weight (lbs.)	77.2
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

Limited warranty: 5 years parts; 7 years compressor.

High Wall Duct-Free High Efficiency Single Zone

18,000 BTU/h

LS181HSV2 (H/P Model)

C 18,200 BTU/h Cooling

H 22,000 BTU/h Heating



INVERTER V



FEATURES:

- Inverter (Variable speed compressor)
- Energy saving
- Gold Fin™ anti-corrosion
- Self-cleaning indoor coil
- Cooling/Heating/Fan mode
- Jet cool/Jet heat
- Chaos wind
- 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
- Condensate sensor connection
- Plasma air purifying system

Interior Unit Includes:

- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual
- Optional accessories
 - Model#: PQRCVSL0(QW) (Wired wall thermostat)
 - Model#: ZLABGP02A (Low ambient wind baffle kit - cooling down to 0°F)

- Model#: PMNFP14A0 (PI485 V-net interface)

Exterior Unit Includes:

- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 24.6' line set (Line set not included)
- ETL#: 3091879

* Specification can be changed without notification

System Model #	LS181HSV2
Indoor Model #	LSN181HSV2
Outdoor Model #	LSU181HSV2
Performance	
Capacity (BTU/h)	C 18,200 H 22,000
EER	12.6
SEER	20.5
HSPF	9.7
Air Circulation (CFM H/M/L)	622/509/399
Fan Speeds	6/Auto/Chaos
Dehumidification (pts/hr)	5.5
Indoor H/M/L dB(A)*	45/40/35
Outdoor dB(A)*	53
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
Indoor Dimensions	
W x H x D (inches)	40 9/16 x 12 13/16 x 9 11/16
Weight (lbs.)	30.9
Outdoor Dimensions	
W x H x D (inches)	34 1/4 x 31 1/2 x 12 5/8
Weight (lbs.)	132.3
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

Limited warranty: 5 years parts; 7 years compressor.

High Wall Duct-Free High Efficiency Single Zone

24,000 BTU/h

LS240HSV2 (H/P Model)

Ⓒ 22,000 BTU/h Cooling

Ⓗ 27,600 BTU/h Heating



INVERTER V



FEATURES:

- Inverter (Variable speed compressor)
- Energy saving
- Gold Fin™ anti-corrosion
- Self-cleaning indoor coil
- Cooling/Heating/Fan mode
- Jet cool/Jet heat
- Chaos wind
- 4-Way auto swing
- Sleep mode
- Dehumidifying mode
- Auto restart

- Auto changeover
- Built-in low ambient standard, down to 14°F (Cooling mode)
- 24-Hour on-off timer
- Condensate sensor connection
- Plasma air purifying system

Interior Unit Includes:

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

- Installation manual
- Optional accessories
 - Model#: PQRCVSL0(QW) (Wired wall thermostat)
 - Model#: ZLABGP02A (Low ambient wind baffle kit - cooling down to 0°F)
 - Model#: PMNFP14A0 (PI485 V-net interface)

Exterior Unit Includes:

- Exterior unit
 - Exterior unit has sufficient refrigerant for charging indoor coil and a 24.6' line set (Line set not included)
- ETL#: 3091879

* Specification can be changed without notification

System Model #	LS240HSV2
Indoor Model #	LSN240HSV2
Outdoor Model #	LSU240HSV2
Performance	
Capacity (BTU/h)	Ⓒ 22,000 Ⓗ 27,600
EER	12.5
SEER	18.9
HSPF	10.2
Air Circulation (CFM H/M/L)	742/629/424
Fan Speeds	4/Auto/Chaos
Dehumidification (pts/hr)	6.0
Indoor H/M/L dB(A)*	46/43/39
Outdoor dB(A)*	54
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
Indoor Dimensions	
W x H x D (inches)	47 5/8 x 13 5/8 x 8 1/16
Weight (lbs.)	33.1
Outdoor Dimensions	
W x H x D (inches)	34 1/4 x 31 1/2 x 12 5/8
Weight (lbs.)	141.1
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings

Limited warranty: 5 years parts; 7 years compressor.

High Efficiency Single Zone Inverter Electrical & Refrigeration Quick Reference

Electrical Specifications								
Zone	Type	Model	BTU/h	Voltage		Rated Amps	MCA*	MOP**
				Indoor	Outdoor			
High Efficiency Art Cool™ Mirror Single Zone	H/P	LA090HSV2	9,000	230/208	230/208	8.5	10	15
	H/P	LA120HSV2	11,200	230/208	230/208	8.5	10	15
	H/P	LA180HSV2	18,200	230/208	230/208	17.0	19	30
	H/P	LA240HSV2	22,000	230/208	230/208	17.0	19	30
High Efficiency Single Zone	H/P	LS091HSV2	9,000	230/208	230/208	8.1	10	15
	H/P	LS121HSV2	11,200	230/208	230/208	8.1	10	15
	H/P	LS181HSV2	18,200	230/208	230/208	15.4	19	30
	H/P	LS240HSV2	22,000	230/208	230/208	15.4	19	30

All equipment single phase.

NOTE: All communication cable, including the power wiring cable size must comply with the applicable local and national code.

*Minimum Circuit Ampacity

**Maximum Overcurrent Protection

Refrigerant Line Specifications***								
Zone	Type	Model	BTU/h	Pipe Size		Additional Refrigerant	Max. Pipe Length	Max. Elevation
				Liquid	Suction			
High Efficiency Art Cool™ Mirror Single Zone	H/P	LA090HSV2	9,000	1/4"	3/8"	0.22 oz./ft.	65'	32'
	H/P	LA120HSV2	11,200	1/4"	3/8"	0.22 oz./ft.	65'	32'
	H/P	LA180HSV2	18,200	3/8"	5/8"	0.38 oz./ft.	98'	49'
	H/P	LA240HSV2	22,000	3/8"	5/8"	0.38 oz./ft.	98'	49'
High Efficiency Single Zone	H/P	LS091HSV2	9,000	1/4"	3/8"	0.22 oz./ft.	65'	32'
	H/P	LS121HSV2	11,200	1/4"	3/8"	0.22 oz./ft.	65'	32'
	H/P	LS181HSV2	18,200	3/8"	5/8"	0.38 oz./ft.	98'	49'
	H/P	LS240HSV2	22,000	3/8"	5/8"	0.38 oz./ft.	98'	49'

Please choose a proper wire size based on local and state code

***Each system is pre-charged with enough refrigerant to charge 24.6 ft. (41 ft. for LA090HSV2, LA120HSV2, LS091HSV2, LS121HSV2) of line and the interior unit.

Accessory

Wired Wall Thermostat for Single Zone Inverter.

(Applicable to LS307HV2, LS360HV2, LXXXXHSV2, LAXXXHVP and LSXXXHYV models only)



PQRVSL0



PQRVSL0QW