

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

9,000 BTUs

LS093CE (A/C Model)

C 8,900 BTUs Cooling

LS093HE (H/P Model)

C 10,500 BTUs Cooling

H 10,500 BTUs Heating



FEATURES:

- R-410A Refrigerant
- Gold Fin™ Anti-corrosion
- Dehumidifying mode
- Chaos Wind
- Jet Cool
- Cooling mode
- Heating mode (H/P model only)
- Fan mode
- Auto operation
- Manual power switch
- Defrost control (H/P model only)
- Temperature display on indoor unit
- Auto sleep mode
- Auto restart
- Built-in low ambient standard, down to 14°F (cooling mode)
- 24-Hour on/off timer
- 4 Fan speeds
- Plasma air purifying system
- Ultra-quiet operation
- Evaporator frost control

Interior Unit Includes:

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

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 #	LS093CE	LS093HE
Indoor Model #	LSN093CE	LSN093HE
Outdoor Model #	LSU093CE	LSU093HE
Performance		
Capacity (BTUs)	C 8,900	C 10,500 H 10,500
EER	11	9.5
SEER	13	13
HSPF	-	7.8
Air Circulation (CFM H/M/L)	250/210/170	330/280/230
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	2.6	3.0
Indoor dB(A)*	36/31/28	41/36/34
Outdoor dB(A)*	48	48
Electrical		
Rated Voltage Outdoor	115-60-1	115-60-1
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions		
W x H x D (inches)	33 1/16 x 10 5/8 x 6 1/32	33 1/16 x 10 5/8 x 6 1/32
Weight (lbs.)	15.4	20.5
Outdoor Dimensions		
W x H x D (inches)	33 5/16 x 21 5/16 x 9 5/8	30 5/16 x 21 5/16 x 9 5/8
Weight (lbs.)	66.1	72.8
Thermostat Range		
Cooling / Heating (°F)	64-86	64-86/60-86

*LG verified sound ratings

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

12,000 BTUs

LS122CE (A/C Model)
C 11,500 BTUs Cooling

LS122HE (H/P Model)
C 11,500 BTUs Cooling
H 11,500 BTUs Heating



FEATURES:

- R-410A Refrigerant
- Gold Fin™ Anti-corrosion
- Dehumidifying mode
- Chaos Wind
- Jet Cool
- Cooling mode
- Heating mode (H/P model only)
- Fan mode
- Auto operation
- Manual power switch

- Defrost control (H/P model only)
- Temperature display on indoor unit
- Auto sleep mode
- Auto restart
- Built-in low ambient standard, down to 14°F (cooling mode)
- 24-Hour on/off timer
- 4 Fan speeds
- Plasma air purifying system

- Ultra-quiet operation
 - Evaporator frost control
- Interior Unit Includes:**
- Wall unit
 - Installation plate & hardware
 - Remote control, batteries, holder & holder hardware
 - Installation manual

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 #	LS122CE	LS122HE
Indoor Model #	LSN122CE	LSN122HE
Outdoor Model #	LSU122CE	LSU122HE
Performance		
Capacity (BTUs)	C 11,500	C 11,500 H 11,500
EER	10	10
SEER	13	13
HSPF	-	7.8
Air Circulation (CFM H/M/L)	330/280/230	330/280/230
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	3.0	3.0
Indoor dB(A)*	41/36/34	41/36/34
Outdoor dB(A)*	48	48
Electrical		
Rated Voltage Outdoor	115-1-60	115-1-60
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions		
W x H x D (inches)	35 1/4 x 11 1/8 x 6 1/2	35 1/4 x 11 1/8 x 6 1/2
Weight (lbs.)	20.5	20.5
Outdoor Dimensions		
W x H x D (inches)	30 5/16 x 21 5/16 x 9 5/8	30 5/16 x 21 5/16 x 9 5/8
Weight (lbs.)	72.8	72.8
Thermostat Range		
Cooling / Heating (°F)	64-86	64-86/60-86

*LG verified sound ratings



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

18,000 BTUs

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"> • Multi Power System™ • R-410A Refrigerant • Gold Fin™ Anti-corrosion • Dehumidifying mode • Chaos Wind • Jet Cool • Cooling mode • Heating mode (H/P model only) • Fan mode 	<ul style="list-style-type: none"> • Auto operation • Manual power switch • Defrost control (H/P model only) • Temperature display on indoor unit • Auto sleep mode • Auto restart • 24-Hour on/off timer • Ultra-quiet operation 	<ul style="list-style-type: none"> • Evaporator frost control • 4 Fan speeds • Plasma air purifying system <p>Interior Unit Includes:</p> <ul style="list-style-type: none"> • Wall unit • Installation plate & hardware • Remote control, batteries, holder & holder hardware 	<ul style="list-style-type: none"> • Installation manual <p>Exterior Unit Includes:</p> <ul style="list-style-type: none"> • Exterior unit • Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included) <p>ETL# : 3091879</p>
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System Model #	LS186CE	LS186HE
Indoor Model #	LSN186CE	LSN186HE
Outdoor Model #	LSU186CE	LSU186HE

Performance		
Capacity (BTUs)	C 17,800	C 17,800 H 17,800
EER	8.9	8.9
SEER	13	13
HSPF	-	7.7
Air Circulation (CFM H/M/L)	560/490/430	560/490/430
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	5.3	5.3
Indoor dB(A)*	46/43/41	46/43/41
Outdoor dB(A)*	53	53
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	36V DC	36V DC
Indoor Dimensions		
W x H x D (inches)	42 15/16 x 11 13/16 x 7 1/32	42 15/16 x 11 13/16 x 7 1/32
Weight (lbs.)	28.6	28.6
Outdoor Dimensions		
W x H x D (inches)	34 5/16 x 25 13/16 x 12 5/8	34 5/16 x 25 13/16 x 12 5/8
Weight (lbs.)	124.3	124.3
Thermostat Range		
Cooling / Heating (°F)	64-86	64-86/60-86

*LG verified sound ratings

Warranty: 2 years parts; 5 years compressor.
 See page 24 for electrical specifications, refrigerant line requirements & formulas. See page 25 for installation materials.



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



FEATURES:

<ul style="list-style-type: none"> • Inverter(Variable speed compressor) • R-410A Refrigerant • Gold Fin™ Anti-Corrosion • Chaos Wind • Self-cleaning indoor coil • Auto changeover • Jet Cool • Cooling/Heating/Fan Mode • Auto sleep mode • Ultra-quiet operation • Dehumidifying mode 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 4 Fan speeds • Plasma air purifying system 	<p>Exterior Unit Includes:</p> <ul style="list-style-type: none"> • Exterior unit • Exterior unit has sufficient refrigerant for charging indoor coil and a 25' line set (line set not included) <p>ETL# : 3091879</p>
<p>Interior Unit Includes:</p> <ul style="list-style-type: none"> • Wall unit • Installation plate & hardware • Remote control, batteries, holder & holder hardware • Installation manual 			

System Model #	LS246HV
Indoor Model #	LSN246HV
Outdoor Model #	LSU246HV
Performance	
Capacity (BTUs)	C 24,400 H 26,000
EER	9.2
SEER	14.7
HSPF	7.7
Air Circulation (CFM H/M/L)	530/450/370
Fan Speeds	4/Auto/Chaos
Dehumidification (pts/hr)	5.7
Indoor dB(A)*	45/40/37
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)	42 15/16 x 11 13/16 x 7
Weight (lbs.)	28.7
Outdoor Dimensions	
W x H x D (inches)	34 5/16 x 31 1/2 x 12 5/8
Weight (lbs.)	132
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings



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

30,000 BTUs / 36,000 BTUs

LS307HV (H/P Model)

- C** 30,000 BTUs Cooling
- H** 32,000 BTUs Heating

LS360HV (H/P Model)

- C** 33,100 BTUs Cooling
- H** 35,200 BTUs Heating



Inverter

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
- Plasma air purifying system

Interior Unit Includes:

- Wall unit
- Installation plate & hardware
- Remote control, batteries, holder & holder hardware
- Installation manual
- Accessory
- Model#:PQRCVSL0(QW)
(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

*Specification can be changed without notification

System Model #	LS307HV	LS360HV
Indoor Model #	LSN307HV	LSN360HV
Outdoor Model #	LSU307HV	LSU360HV
Performance		
Capacity (BTUs)	C 30,000 H 32,000	C 33,100 H 35,200
EER	10.0	8.2
SEER	18.0	16.1
HSPF	9.5	9.9
Air Circulation (CFM H/M/L)	730/670/450	740/670/450
Fan Speeds	4/Auto/Chaos	4/Auto/Chaos
Dehumidification (pts/hr)	9.5	10.6
Indoor dB(A)*	48/44/39	49/44/39
Outdoor dB(A)*	55	55
Electrical		
Rated Voltage Outdoor	230/208-60-1	230/208-60-1
Rated Voltage Indoor	230/208-60-1	230/208-60-1
Indoor Dimensions		
W x H x D (inches)	47 5/8 x 13 5/8 x 8 1/16	47 5/8 x 13 5/8 x 8 1/16
Weight (lbs.)	39.7	39.7
Outdoor Dimensions		
W x H x D (inches)	34 5/16 x 31 1/2 x 12 5/8	34 5/16 x 31 1/2 x 12 5/8
Weight (lbs.)	132.3	132.3
Thermostat Range		
Cooling / Heating (°F)	64-86 /60-86	64-86 /60-86

*LG verified sound ratings

Warranty: 2 years parts; 5 years compressor.

See page 24 for electrical specifications, refrigerant line requirements & formulas. See page 25 for installation materials.



MINI-SPLIT STANDARD SINGLE ZONE • INVERTER

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications									
Zone	Type	System Model	BTUs	Voltage		Rated Amps	MCA*	MOP**	
				Indoor	Outdoor				
Standard Single-Zone	A/C	C	LS093CE	8,900	36V DC	115	10.5	8.6	15
	A/C	C	LS122CE	11,500	36V DC	115	10.5	14.3	20
	A/C	C	LS186CE	17,800	36V DC	230/208	10.4	14.2	20
Standard Single-Zone	H/P	C H	LS093HE	9,800	36V DC	115	10.5/10.5	14.3	20
	H/P	C H	LS122HE	11,500	36V DC	115	10.5/10.5	14.3	20
	H/P	C H	LS186HE	17,800	36V DC	230/208	10.4/10.4	14.2	20
Standard Single-Zone Inverter	H/P	C H	LS246HV	24,400	230/208	230/208	14.0/12.5	16.7	25
	H/P	C H	LS307HV	30,000	230/208	230/208	17.8/17.8	16.8	25
	H/P	C H	LS360HV	33,100	230/208	230/208	17.8/17.8	16.8	25

All equipment single phase.

*Minimum Circuit Ampacity **Maximum Overcurrent Protection

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

***For LS186HE

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 [†]									
Zone	Type	System Model	BTUs	Pipe Size		Additional Refrigerant	Max. length each pipe	Max. elevation	
				Liquid	Suction				
Standard Single-Zone	A/C	C	LS093CE	8,900	1/4"	3/8"	0.22 oz./ft.	49'	23'
	A/C	C	LS122CE	11,500	1/4"	1/2"	0.22 oz./ft.	49'	23'
	A/C	C	LS186CE	17,800	1/4"	1/2"	0.22 oz./ft.	66'	23'
Standard Single-Zone	H/P	C H	LS093HE	9,800	1/4"	1/2"	0.22 oz./ft.	49'	23'
	H/P	C H	LS122HE	11,500	1/4"	1/2"	0.22 oz./ft.	49'	23'
	H/P	C H	LS186HE	17,800	1/4"	1/2"	0.22 oz./ft.	66'	23'
Standard Single-Zone Inverter	H/P	C H	LS246HV	24,400	3/8"	5/8"	0.32 oz./ft.	98'	49'
	H/P	C H	LS307HV	30,000	3/8"	5/8"	0.38 oz./ft.	98'	49'
	H/P	C H	LS360HV	33,100	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.

Except for inverter 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.

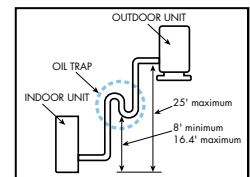


Figure A.
Example: 25 ft. maximum elevation.
(Oil traps excluded from inverter system.)