

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

9,000 BTUs

- LA095HV (H/P Model)**
C 9,200 BTUs Cooling
H 12,000 BTUs Heating



FEATURES:

- | | | | | |
|--|--|---|---|---|
| <ul style="list-style-type: none"> • Inverter • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Energy Saving • Gold Fin™ Anti-Corrosion | <p>Interior Unit Includes:</p> <ul style="list-style-type: none"> • Wall unit • Installation plate & hardware • Remote control, batteries, holder & holder hardware • Installation manual • Standard mirror panel | <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) |
|--|--|---|---|---|

System Model #	LA095HV
Indoor Model #	LAN095HV
Outdoor Model #	LAU095HV
Performance	
Capacity (BTUs)	C 9,200/8,900 H 12,000/11,700
SEER	19.7/19.1
Air Circulation (CFM H/M/L)	230/180/140
Fan Speeds	5/Auto/Chaos
Dehumidification (pts/hr)	2.6
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	
W x H x D (inches)	35 3/16 x 11 1/8 x 6 1/2
Weight (lbs.)	23.1
Outdoor Dimensions	
W x H x D (inches)	30 5/16 x 21 5/16 x 9 5/8
Weight (lbs.)	83.8
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings.



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

12,000 BTUs

- LA125HV (H/P Model)**
C 12,000 BTUs Cooling
H 15,500 BTUs Heating



FEATURES:

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|--|--|---|---|---|
| <ul style="list-style-type: none"> • Inverter • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Energy Saving • Gold Fin™ Anti-Corrosion | <p>Interior Unit Includes:</p> <ul style="list-style-type: none"> • Wall unit • Installation plate & hardware • Remote control, batteries, holder & holder hardware • Installation manual • Standard mirror panel | <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) |
|--|--|---|---|---|

System Model #	LA125HV
Indoor Model #	LAN125HV
Outdoor Model #	LAU125HV
Performance	
Capacity (BTUs)	C 12,000/11,700 H 15,500/15,200
SEER	18.7/18.2
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	
W x H x D (inches)	35 3/16 x 11 1/8 x 6 1/2
Weight (lbs.)	23.1
Outdoor Dimensions	
W x H x D (inches)	30 5/16 x 21 5/16 x 9 5/8
Weight (lbs.)	83.8
Thermostat Range	
Cooling / Heating (°F)	64-86/60-86

*LG verified sound ratings.



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

18,000 BTUs

- LA185HV** (H/P Model)
 C 18,000 BTUs Cooling
 H 20,700 BTUs Heating



FEATURES:

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|--|--|---|---|---|
| <ul style="list-style-type: none"> • Inverter • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Energy Saving • Gold Fin™ Anti-Corrosion | <p>Interior Unit Includes:</p> <ul style="list-style-type: none"> • Wall unit • Installation plate & hardware • Remote control, batteries, holder & holder hardware • Installation manual • Standard mirror panel | <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) |
|--|--|---|---|---|

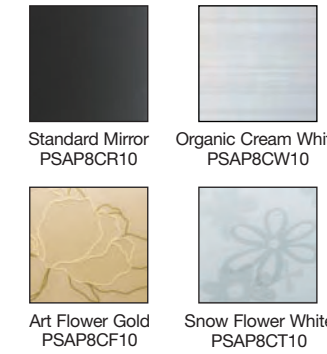
System Model #	LA185HV
Indoor Model #	LAN185HV
Outdoor Model #	LAU185HV
Performance	
Capacity (BTUs)	C 18,000/17,500 H 20,700/20,200
SEER	16.2/16.2
Air Circulation (CFM H/M/L)	460/380/320
Fan Speeds	5/Auto/Chaos
Dehumidification (pts/hr)	5.3
Indoor dB(A)*	42/39/36
Outdoor dB(A)*	55
Electrical	
Rated Voltage Outdoor	230/208-60-1
Rated Voltage Indoor	230/208-60-1
Indoor Dimensions	
W x H x D (inches)	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

*LG verified sound ratings.

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

24,000 BTUs

- LA245HV** (H/P Model)
 C 24,000 BTUs Cooling
 H 27,600 BTUs Heating



FEATURES:

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|--|--|---|---|---|
| <ul style="list-style-type: none"> • Inverter • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Energy Saving • Gold Fin™ Anti-Corrosion | <p>Interior Unit Includes:</p> <ul style="list-style-type: none"> • Wall unit • Installation plate & hardware • Remote control, batteries, holder & holder hardware • Installation manual • Standard mirror panel | <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) |
|--|--|---|---|---|

System Model #	LA245HV
Indoor Model #	LAN245HV
Outdoor Model #	LAU245HV
Performance	
Capacity (BTUs)	C 24,000/23,600 H 27,600/27,200
SEER	16.2/16.2
Air Circulation (CFM H/M/L)	530/445/378
Fan Speeds	5/Auto/Chaos
Dehumidification (pts/hr)	6.6
Indoor 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	
W x H x D (inches)	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.)	172.2
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

- LS305HV** (H/P Model)
 C 27,000 BTUs Cooling
 H 29,000 BTUs Heating



FEATURES:

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|---|---|---|---|
| <ul style="list-style-type: none"> • Inverter • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Evaporator frost control • Energy Saving • 4 Fan speeds | <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>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 #	LS305HV
Indoor Model #	LSN305HV
Outdoor Model #	LSU305HV

Performance	
Capacity (BTUs)	C 27,000/27,000 H 29,000/29,000
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	
W x H x D (inches)	47 3/5 x 13 3/5 x 8 1/4
Weight (lbs.)	37.5
Outdoor Dimensions	
W x H x D (inches)	34 1/4 x 31 1/4 x 12 3/5
Weight (lbs.)	147.7

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

*LG verified sound ratings.

Warranty: 2 years parts; 5 years compressor.
 See page 20 for electrical specifications, refrigerant line requirements & formulas. See page 21 for installation materials.



MINI-SPLIT STANDARD SINGLE ZONE

ELECTRICAL & REFRIGERATION • QUICK REFERENCE

Electrical Specifications									
	Type	Model	BTUs	Voltage		Rated Amps	MCA*	MOP**	
				Indoor	Outdoor				
Mini-Split	A/C	C	LS092CE	9,000	36V DC	115	7.0	15	15
Standard	A/C	C	LS122CE	11,500	36V DC	115	10.5	15	20
Single-Zone	A/C	C	LS182CE	18,000	36V DC	230/208	8.6/9.5	15	20
	A/C	C	LS242CE	22,500	36V DC	230/208	11.5/12.5	20	30
	H/P	C H	LS092HE	9,800	36V DC	115	10.5	15	20
	H/P	C H	LS122HE	11,500	36V DC	115	10.5	15	20
	H/P	C H	LS182HE	19,500	36V DC	230/208	11.5/12.5	20	30
	H/P	C H	LS242HE	22,500	36V DC	230/208	11.5/12.5	20	30
	H/P	C H	LS305HV	27,000/29,000	230/208	230/208	13.6/14.0	20	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†									
	Type	Model	BTUs	Pipe Size		Additional Refrigerant	Max. Pipe Length	Max. Elevation	
				Liquid	Suction				
Mini-Split	A/C	C	LS092CE	9,000	1/4"	3/8"	0.22 oz./ft.	50'	25'
Standard	A/C	C	LS122CE	11,500	1/4"	1/2"	0.22 oz./ft.	50'	25'
Single-Zone	A/C	C	LS182CE	18,000	1/4"	1/2"	0.22 oz./ft.	100'	50'
	A/C	C	LS242CE	22,500	1/4"	5/8"	0.22 oz./ft.	50'	50'
	H/P	C H	LS092HE	9,800	1/2"	115	0.22 oz./ft.	50'	25'
	H/P	C H	LS122HE	11,500	1/2"	115	0.22 oz./ft.	50'	25'
	H/P	C H	LS182HE	19,500	1/4"	5/8"	0.22 oz./ft.	100'	50'
	H/P	C H	LS242HE	22,500	1/4"	5/8"	0.22 oz./ft.	100'	50'
	H/P	C H	LS305HV	27,000/29,000	1/4"	5/8"	0.22 oz./ft.	100'	50'

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

NOTE: 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.

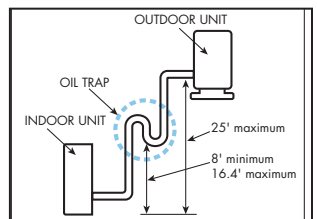


Figure A: Example of 25 ft. maximum elevation.

THROUGH-THE-WALL AIR CONDITIONERS

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.

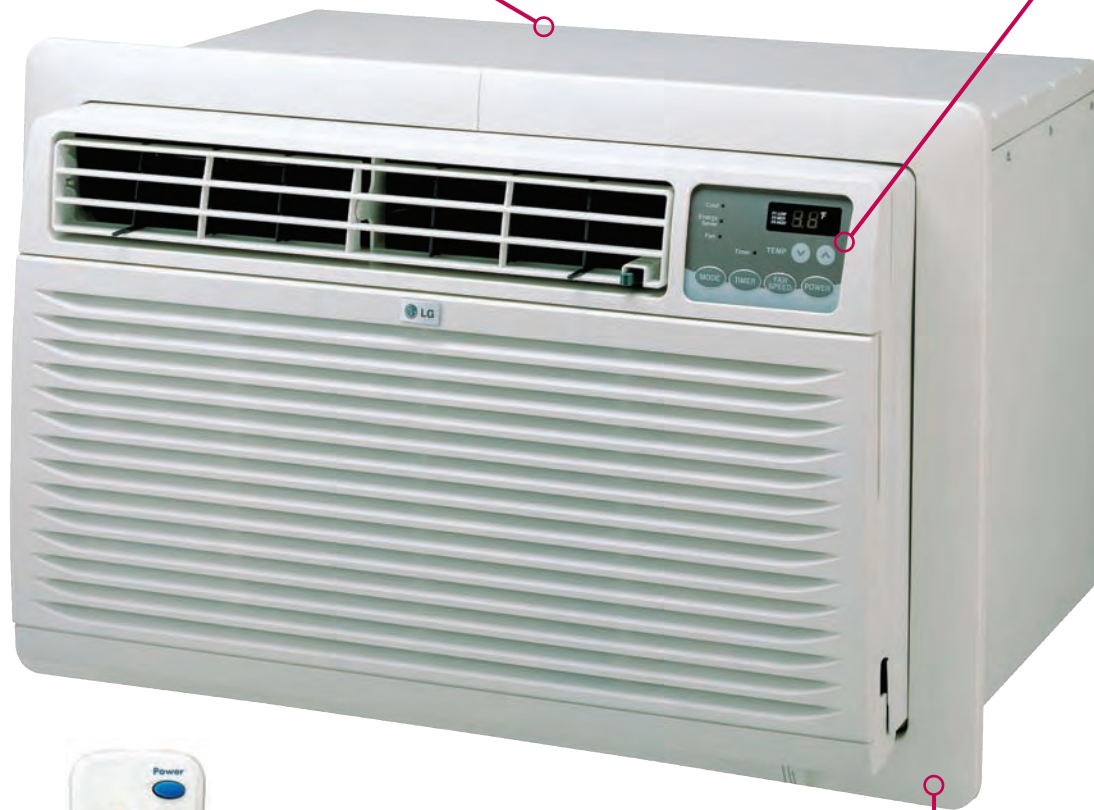
12 Hour On/Off Timer Allows you to set the number of hours you'd like the unit to run, up to 12 Hours.

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.

THROUGH-THE-WALL AIR CONDITIONERS

8,000-14,000 BTUs

- **LT0810CR** (A/C Model)
8,000 BTUs Cooling
- **LT1010CR** (A/C Model)
9,800 BTUs Cooling
- **LT1030CR** (A/C Model)
10,000 BTUs Cooling
- **LT1210CR** (A/C Model)
11,500 BTUs Cooling
- **LT1230CR** (A/C Model)
11,500 BTUs Cooling
- **LT1430CR** (A/C Model)
13,000 BTUs Cooling



FEATURES:

- Gold Fin™ anti-corrosion treatment
- Cooling mode
- Heating mode
- Fan mode
- Auto sleep mode
- Auto restart
- 12-Hour on/off timer

System Includes:

- Wall unit
- Remote control and batteries
- Installation manual
- Trim Kit

System Model #	LT0810CR	LT1010CR	LT1030CR	LT1210CR	LT1230CR	LT1430CR
Performance						
Capacity (BTUs)	8,000	9,800	10,000/9,800	11,500	11,500/11,200	13,000/12,600
EER	9.6	8.8	9.4/9.4	8.8	8.8/8.8	8.5/8.5
Energy Star						
Air Circulation (CFM H/L)	260/220	285/225	285/225	290/230	290/230	310/250
Fan Speeds (Cooling/Fan)	3/3	3/3	3/3	3/3	3/3	3/3
Dehumidification (pts/hr)	2.2	3.2	3.2	3.8	3.8	4.0
Indoor dB(A)*	49/46	51/48	51/48	52/49	52/49	53/50
Outdoor dB(A)*	59	60	60	61	61	62
Electrical						
Rated Voltage	115-60-1	115-60-1	230/208-60-1	115-60-1	230/208-60-1	230/208-60-1
Circuit Breaker (A)	15	15	15	15	15	15
Dimensions						
W x H x D (inches)	14 13/32 x 20 3/32	14 13/32 x 20 3/32	14 13/32 x 20 3/32	14 13/32 x 20 3/32	14 13/32 x 20 3/32	14 13/32 x 20 3/32
Weight (lbs.)	73.0	78.0	78.0	80.0	80.0	87.0
Thermostat Range						
Cooling (°F)	60-86	60-86	60-86	60-86	60-86	60-86

*LG verified sound rating.



THROUGH-THE-WALL AIR CONDITIONERS

10,000-12,000 BTUs

- C** **H** **LT1030HR** (H/C Model)
10,000 BTUs Cooling & Heating
- LT1230HR** (H/C Model)
11,500 BTUs Cooling & Heating



- Gold Fin™ anti-corrosion treatment
- Cooling mode
- Heating mode
- Fan mode

- Auto sleep mode
- Auto restart
- 12-Hour on/off timer

System Includes:

- Wall unit
- Remote control and batteries
- Installation manual
- Trim Kit

System Model #	LT1030HR	LT1230HR
Performance		
Capacity (BTUs)	C 10,000/9,800 H 11,200/9,200	11,500/11,200 11,200/9,200
EER	9.4/9.4	8.8/8.8
Energy Star		
Air Circulation (CFM H/L)	285/225	290/230
Fan Speeds (Cooling/Heating/Fan)	2/2/2	2/2/2
Dehumidification (pts/hr)	3.2	3.8
Indoor dB(A)*	51/48	52/49
Outdoor dB(A)*	60	61
Electrical		
Rated Voltage	230/208-60-1	230/208-60-1
Circuit Breaker (A)	20	20
Dimensions		
W x H x D (inches)	24 21/32 x 14 13/32 x 19 21/32	24 21/32 x 14 13/32 x 19 21/32
Weight (lbs.)	78.0	80.0
Thermostat Range		
Cooling/Heating (°F)	60-86/54-86	60-86/54-86

*LG verified sound rating.

THROUGH-THE-WALL AIR CONDITIONERS

OPTIONAL ACCESSORIES

Description	Model #
26" Wall Sleeve	AXSVA1A-1
Stamped Aluminum Grille	AXRGALA01
Wall Sleeve with Stamped Aluminum Grille	AXSVA4
Architectural Grille	AXAGALA01A



Wall Sleeve
AXSVA1A-1



Stamped Aluminum Grille
AXRGALA01



Wall Sleeve with Stamped
Aluminum Grill
AXSVA4



Architectural Grille
AXAGALA01A
Available in Aluminum,
Dark Bronze and Soft Dove

Sleeve Dimensions of Major Brands (inches)	Friedrich USC Sleeve	GE	Amana	Whirlpool Fedders	Frigidaire	LG
Height	15 17/32	15 5/8	15 5/8	15 3/4	15 7/16	15 17/23
Width	25 7/8	26	26	26 3/4	25 7/8	25 7/8
Depth	16 23/32	16 7/8	16 7/8	15	18	16 23/32

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