



COMFORT COMES IN ALL SHAPES AND SIZES

High Wall Mini-Split System with easy-to-use remote control capability



LENNOX

HOME COMFORT SYSTEMS
Innovation never felt so good.™

THE QUIET AND RELIABLE SOLUTION

High Wall Mini-Split System at a glance:

Enhanced evaporator efficiency
reduces water contamination

Automatic switching between cooling/
heating for optimal comfort

Extremely quiet condenser
minimizes noise

Durable condenser cabinet delivers
reliable, long-lasting performance

Auto Restart feature remembers previous
function if power is interrupted

High-quality internal threaded
copper pipe enhances heat
exchanger efficiency

Increased heat transfer capability
through a 4-bend heat exchanger

Sleep mode function automatically
adjusts temperature to reduce
operation costs

Equipped with a large diameter cross flow fan designed to reduce air noise, the High Wall Mini-Split System from Lennox delivers quiet, reliable performance. For added durability, the system features a condenser cabinet and internal components coated with electrolytic zinc and anti-rust paint.

Quiet and efficient operation

- **Inner Grooved Copper Tube** – Improves heat exchange efficiency up to 50%.
- **Hydrolic Aluminum Fin** – Improves cooling efficiency.
- **Low Noise Air Flow System** – Large diameter cross fan reduces noise while maintaining air flow volume.
- **LED Display** – Clearly displays information for easy monitoring and operation.

Easy installation and maintenance

- **Low Ambient Kit** – Operates in cooling mode at low temperature conditions.
- **Self-Diagnosis/Auto-Protection** – Microchip detects and displays errors, then takes protective action.
- **Easy-Clean Panel** – Movable front panel is easily washed and cleaned.
- **Easy Wiring Connection** – Integrated terminal board means quick and simple cable connecting.

Improved reliability

- **Anti-Rust Cabinet** – Multiple casing options prevent corrosion even in salty air.

Improved comfort and air quality

- **Strong Dehumidification** – Reduces humidity without reducing temperature.
- **Fresh Air** – Automatic fan maintains room air quality.
- **Sleep Mode** – Increases or decreases the setting temperature for comfortable sleeping and energy savings.
- **Anti-Cold Air Function** – Warms air before fan starts to avoid “cold blow”.
- **Anti-Dust Filter** – Catches most small particles and is easy to clean.
- **Three-Speed Indoor Fan** – Adjustable speed to meet comfort requirements.
- **Golden Fins** – Creates a healthy and comfortable living area by preventing bacteria and killing germs.
- **Nano-Ag Anti-Bacterial Filter** – Provides fresh air by destroying cell-film of bacterium at a rate higher than 99%, then combines quickly to lower the activity of ferment and bring out the anti-bacterial effect

Remote control comfort

The mini-split system comes equipped with a multi-function remote control, allowing customized adjustments to be easily made. Room temperature and air settings, sleep operation and air flow direction can all be controlled through the remote for maximum comfort and convenience.

Engineered for peak performance

For increased heat transfer capability, the mini-split system uses a 4-bend heat exchanger with a 32% greater surface area than standard units. Plus, the added advantage of improved heat exchange efficiency is achieved through trapeziform inner grooved copper tubing. This design allows for faster refrigerant flow and enhanced heat exchanger efficiency by up to 50% compared with traditional smooth tube designs.

Warranty

1-Year Limited Warranty
on parts and compressor.

See actual warranty certificate for details.



AIR CONDITIONER

PERFORMANCE SPECIFICATIONS

Model		LXGAHGZ00913P401 LXGACGZ00913P401	LXGAHGZ01213P401 LXGACGZ01213P401	LXGAHGZ01813P401 LXGACGZ01813P401	LXGAHGZ02413P401 LXGACGZ02413P401	LXGAHGZ00913T401 LXGACGZ00913T401	LXGAHGZ01213T401 LXGACGZ01213T401
Voltage (V/PH/Hz)		230/1/60	230/1/60	230/1/60	230/1/60	115/1/60	115/1/60
Cooling Data	Nominal cooling cap. (BTUh)	9,000	12,000	18,000	24,000	9,000	12,000
	EER (BTUh/W)	11.23	11.95	12.01	12.01	11.38	12.58
	Cooling power input (W)	760	1,000	1,450	1,990	750	950
	Cooling ampacity (A)	3.48	4.30	6.80	8.60	6.90	8.60
Heating Data	Nominal heating cap. (BTUh)						
	COP						
	Heating power input (W)						
	Heating ampacity (A)						
Refrigerant charge (gr)		870	1,170	1,800	2,450	900	1,000
Air flow (cfm)		265	383	648	706	235	370
Indoor unit noise (High/Medium/Low) (dBA)		39/35/33	42/40/38	50/46/38	52/48/45	38/35/34	42/40/38
Connecting Pipe	Liquid side (in)	1/4	1/4	1/4	3/8	1/4	1/4
	Gas side (in)	3/8	1/2	1/2	5/8	3/8	1/2
Outdoor unit noise (dBA)		51	52	58	60	51	52
Dehumidifying capacity (L/h)		1.0	1.2	2.4	3.2	0.8	1.2
Physical Data	Indoor unit packing dimensions (W x H x D) (in)	875 x 365 x 290	935 x 365 x 290	1,180 x 425 x 300	1,320 x 415 x 325	875 x 365 x 290	935 x 365 x 290
	Outdoor unit packing dimensions (W x H x D) (in)	31.5 x 24 x 29	35 x 24 x 14	40 x 30 x 17	41 x 35 x 19	31.5 x 24 x 29	35 x 24 x 14
Loading quantity (20'/40'/40' HQ)		103/215/248	98/210/238	60/128/143	43/215/111	103/215/248	98/210/238

HEAT PUMPS

PERFORMANCE SPECIFICATIONS

Model		LXGHHGZ00913P401 LXGHCGZ00913P401	LXGHHGZ01213P401 LXGHCGZ01213P401	LXGHHGZ01813P401 LXGHCGZ01813P401	LXGHHGZ02413P401 LXGHCGZ02413P401
Voltage (V/ph/Hz)		115/1/60	115/1/60	230/1/60	230/1/60
Cooling Data	Nominal cooling cap. (BTUh)	9,000	12,000	18,000	24,000
	EER (BTUh/W)	12.00	12.63	12.41	12.06
	Cooling power input (W)	750	950	1,450	1,990
	Cooling ampacity (A)	6.9	8.3	6.8	8.6
Heating Data	Nominal heating cap. (BTUh)	9,000	12,000	18,000	24,000
	COP	3.33	3.44	3.46	3.45
	Heating power input (W)	750	930	1,500	1,970
	Heating ampacity (A)	6.9	8.7	6.4	8.5
Refrigerant charge (gr)		1,100	1,000	1,800	2,450
Air flow (cfm)		235	370	648	706
Indoor unit noise (High/Medium/Low) (dBA)		35/38/34	42/40/38	50/46/43	52/48/45
Connecting Pipe	Liquid side (in)	1/4	1/4	1/4	3/8
	Gas side (in)	3/8	1/2	1/2	5/8
Outdoor unit noise (dBA)		51	51	58	60
Dehumidifying capacity (L/h)		0.8	1.6	2.4	3.2
Physical Data	Indoor unit packing dimensions (W x H x D) (in)	870 x 365 x 280	935 x 365 x 280	1,180 x 425 x 300	1,320 x 415 x 325
	Outdoor unit packing dimensions (W x H x D) (in)	31.5 x 24 x 29	35 x 24 x 14	40 x 30 x 17	41 x 35 x 19
Loading quantity (20'/40'/40' HQ)		102/218/252	98/210/238	60/128/143	43/92/111

SOLUTIONS FOR CUSTOMIZED COMFORT



Don't just choose a Lennox® product...choose a Lennox Comfort System. These complete packages of HVAC solutions provide tools to create a healthy and comfortable environment.

Packaged Units

- Strategos™ Rooftop Units
- Energence™ Rooftop Units
- Landmark™ Rooftop Units
- Single phase residential packaged units*

Heating

- Gas Furnaces
- Unit Heaters
- Duct Furnaces

Split Systems

- S-Class™ Air Conditioners and Heat Pumps
- T-Class Air Conditioners and Heat Pumps
- R-410A Condensing Units
- 10 SEER R-22 Vertical and Horizontal Condensing Units*
- Mini-Splits*
- Universal Mounts*
- Indoor Coils
- Uncased Fan Coils*
- Air Handlers

Controls

- Prodigy™ Controls System
- L Connection® Network
- Systems Integration
- Thermostats

Indoor Air Quality

- Humiditrol® Dehumidification System
- Demand Control Ventilation
- Energy Recovery Ventilators/Systems
- Air Filters
- UVC Germicidal Lights

**Export only.*

Av. Los Pinos 74 PB, Col. San Pedro de los Pinos, 03800, México, D. F.
Tel. (55) 3626-6497 Fax (55) 3626-6498

www.ecoventsuministros.com

info@ecoventsuministros.com

ecoVent^{MR}
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