

# NITROGEN-CHARGED

3- to 5-Ton Commercial Air Conditioners and Heat Pumps

13 SEER



**LENNOX**<sup>®</sup>  
*Innovation never felt so good.*<sup>®</sup>

# Find the right system to meet your needs

## **DRY-CHARGE SPLIT SYSTEMS AT A GLANCE:**

*Nitrogen-charged for replacement  
of R22 components*

*High-efficiency scroll compressor*

*Designed for quiet operation  
and ease of service*

*Operation in ambient  
temperatures up to 125° F*

## **EFFICIENCY RATING**

*Up to 13 Seasonal Energy  
Efficiency Ratio (SEER)*

## **WARRANTIES**

*5-Year Limited Warranty  
on compressor*

*1-Year Limited Warranty  
on covered components*

*See warranty certificate for actual details.*

## **Common features for both air conditioners and heat pumps:**

### **Applications**

- Nitrogen-charged for replacement of R22 components
- High-efficiency scroll compressor
- Grommet-mounted compressor for quiet operation
- Internally protected against high-temperature motor overload conditions
- Designed for ambient temperatures up to 125° F

### **Coil**

- Enhanced aluminum fins and copper tubing for high efficiency and capacity
- Raised coil prevents debris from collecting in bottom of coil and causing loss of airflow

### **Cabinet**

- Full-metal louvered panels protect coil guard and are designed for fast coil cleaning and service
- Controls located in center post for installation and service accessibility
- Rounded corners for safety and attractive, clean appearance
- Baked polyester paint finish over galvanized steel for maximum durability
- Service valves positioned for quick installation and service

## **Air conditioner features**

- Filter drier installed for system protection
- Indoor coil orifice shipped with outdoor unit for optimum efficiency and capacity

## **Heat pump features**

- Bi-directional filter drier for long-lasting durability and system protection
- Discharge muffler for quiet operation
- Reliable time-initiated, temperature-terminated defrost system
- Low-pressure switch for loss-of-charge system protection
- Defrost control features built-in diagnostics for easier service
- Defrost control has short-cycle protection to protect compressor
- Defrost control is Quiet Shift™ capable
- Defrost cycle is field-selectable 30/60/90 minutes
- A raised base pan in the cabinet with ports allows for excellent water and debris drainage

# Nitrogen-charged air conditioner and heat pump performance specifications

	NOM TON.	MODEL	SOUND RATING dB <sup>1</sup>	COOLING DATA <sup>2, 3</sup>			HEATING DATA <sup>4</sup>			PHYSICAL DATA	
				ARI RATED CAP. [BTUH]	EFFICIENCY [SEER] <sup>5</sup>	EFFICIENCY [EER]	EFFICIENCY [HSPF] <sup>6</sup>	CAPACITY [BTUH]	COP	DIMENSIONS H X W X L [INCHES]	SHIP. WT. [LBS.]
AIR CONDITIONERS	3	2SCU13LC136T	76	34,800	13.0	11.0	—	—	—	33.75 x 24.75 x 26.75	196
	4	2SCU13LC148T	78	45,500	13.0	11.0	—	—	—	37.75 x 29.375 x 31.25	212
	5	2SCU13LC160T	78	58,000	13.0	11.0	—	—	—	33.75 x 29.375 x 31.25	272
HEAT PUMPS	3	2SHP13LC136T	76	35,200	13.0	11.0	7.7	33,800	3.5	33.75 x 24.75 x 26.75	192
	4	2SHP13LC148T	78	48,000	13.0	11.0	7.7	47,500	3.4	37.75 x 29.375 x 31.25	248
	5	2SHP13LC160T	80	55,000	13.0	11.0	7.7	55,000	3.6	37.75 x 35.75 x 37.75	281

\*High-temperature heating ratings, 47°F (8°C) db/43°F (6°C) wb outdoor air temperature and 70°C (21°C) entering indoor coil air.

Note: Due to Lennox' ongoing commitment to quality, all specifications, ratings and dimensions are subject to change.



## Available accessories for dry-charge split systems

- Blower-Off Delay Kit
- Compressor Low-Ambient Cutoff
- Freezestats (3/8" tubing)
- Freezestats (5/8" tubing)
- High-Pressure Switch Kit
- Crankcase Heater
- Low-Ambient Kit (30°F)
- Mild-Ambient Kit
- Loss-of-Charge Kit
- TXV Kit
- Compressor Time-Off Control
- Compressor Sound Covers (AC only)

# Solutions for customized comfort

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



## Packaged Units

- Emergence® Rooftop Units
- Strategos® Rooftop Units
- Landmark® Rooftop Units
- Raider® Rooftop Units



## Commercial Controls

- Systems Integration Solutions
- Commercial Thermostats
- L Connection® Network



## VRF

- Outdoor Units
- Indoor Units
- Controls



## Mini-Split Systems

- Wall-Mounted Non-Ducted
- Ceiling Cassette Non-Ducted
- Medium-Static Ducted
- Ceiling/Floor Non-Ducted



## Solar Ready

- SunSource® Commercial Energy System



## Heating

- Unit Heaters
- Duct Furnaces
- Furnaces



## Split Systems

- S-Class® Air Conditioners/Heat Pumps
- T-Class™ Air Conditioners/Heat Pumps
- Air Handlers
- Indoor Coils



## Indoor Air Quality

- Humiditrol® Dehumidification System
- Demand Control Ventilation
- Air Filters
- UVC Lamps



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