

LENNOX

A BETTER PLACE™

ROOFTOP UNITS

LENNOX® L SERIES®

- Only 5 curb sizes in 3-30 Ton
- Standard efficiency units comply with ASHRAE 90.1-1999
- ENERGY STAR®-compliant high-efficiency units with industry-leading efficiencies up to 13 SEER, 12 EER and 13.4 IPLV
- Wide variety of factory-installed and -tested options
- Plug-and-play field-installed accessories
- 100% factory-tested for quality assurance
- Advanced diagnostics and control with Integrated Modular Control micro-controller
- IAQ options include DCV and Humiditrol® dehumidification option
- L Connection® Network compatible
- TXVs and multiple refrigeration circuits
- No de-rate on gas pressure up to 4500'
- Hinged, tool-free access doors
- Slide-out blower
- Straight condenser coils
- Common replacement parts



GAS ELECTRIC

3-30 TON LGA/LGC 036-360

ELECTRIC ELECTRIC

3-30 TON LCA/LCC 036-360

HEAT PUMPS

7.5-20 TON LHA 090-240

LENNOX® 16 SERIES

- Up to 10.35 SEER and 9.0 EER
- Easy to install and maintain
- Field-installed options include economizers, outdoor air dampers and exhaust fans
- Lennox design standards ensure reliability and durability
- Large access panels
- Convertible discharge
- Electromechanical controls
- TXVs and multiple compressor circuits
- 100% factory-tested for quality assurance



GAS ELECTRIC

2-20 TON GCS16 024-240

ELECTRIC ELECTRIC

2-20 TON CHA16 024-240

HEAT PUMPS

2-6 TON CHP16 024-072

LENNOX® 20 SERIES

- Up to 12.7 SEER
- Easy to install and maintain
- Field-installed options include economizers, outdoor air dampers and exhaust fans
- Lennox design standards ensure reliability and durability
- Large access panels
- Convertible discharge
- Electromechanical controls
- TXVs and multiple compressor circuits
- 100% factory-tested for quality assurance



2-5 TON GCS20 024-060

2-5 TON CHP20 024-060

OUTDOOR UNITS

1.5-20 TON STANDARD EFFICIENCY AIR CONDITIONERS AND HEAT PUMPS HS/HP29 018-240

- Up to 11.5 SEER and 10.25 EER
- Complies with ASHRAE 90.1-2001
- Easy to install and maintain
- Flexible installation locations
- Lennox standards ensure reliability and durability



1.5-5 TON AIR CONDITIONERS AND HEAT PUMPS HS/HP26 018-060

- ENERGY STAR®-qualified
- Up to 14.7 SEER
- Up to 8.85 HSPF heating efficiency
- Complies with ASHRAE 90.1-1999
- Operates as quietly as 74 dB
- Easy to install and maintain
- Lennox standards ensure reliability and durability



7.5-20 TON BLOWER COIL CB/CBH17

- Dual circuit copper tube with large coil surface area for maximum cooling efficiency and best heat transfer



1-5 TON BLOWER COIL CB31 MV

- 4-way multiposition for any installation



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1.5-5 TON AIR CONDITIONERS AND HEAT PUMPS HS/HP26 018-060

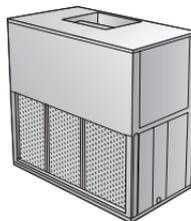
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Many Lennox Commercial Comfort Systems have earned the ENERGY STAR® label, which means they meet the EPA's guidelines for **energy efficiency**.

7.5-20 TON BLOWER COIL CB/CBH17

- Dual circuit copper tube with large coil surface area for maximum cooling efficiency, excellent heat transfer and low air resistance
- Centrifugal belt-driven blowers deliver large volumes of air quietly using little power
- Statically and dynamically balanced blower wheels help eliminate vibration
- Large removable panels provide complete access for quick, easy and efficient service and maintenance



1-5 TON BLOWER COIL CB31 MV

- 4-way multiposition for any installation
- Variable speed blower motor is excellent for zoning
- Automatic comfort control for lower, summertime humidity levels



1-5 TON BLOWER COIL CB29

- 4-way multiposition for any installation
- Efficient, direct-driven blower motor
- Extra-thick insulation for quiet comfort
- Long-lasting, painted galvanized cabinet and plastic drain pans



UP-FLOW**G24 SERIES 7.5-10 TON
200,000 BTUH**

- 80% thermal efficiency
- Allows application flexibility
- Handles large air volumes
- Operates quietly
- Direct spark ignition
- Lennox high-quality components
- Includes inshot burners and dual induced draft blowers

**UP-FLOW/HORIZONTAL****G50UH SERIES 1-5 TON
44,000-154,000 BTUH**

- Horizontal configuration
- 80% energy efficiency
- Flexible application for small spaces
- Includes direct drive slide-out blowers
- Powered by SureLight® ignition system

**G40UH SERIES 1-5 TON
44,000-154,000 BTUH**

- Horizontal configuration
- 80% energy efficiency
- Flexible application for small spaces
- Includes direct drive slide-out blowers
- Powered by SureLight ignition system

**DOWN-FLOW****G50DF SERIES 1-5 TON
44,000-132,000 BTUH**

- Downflow configuration
- 80% energy efficiency
- Flexible application for small spaces
- Includes direct drive slide-out blowers
- Powered by SureLight ignition system

**G40DF SERIES 1-5 TON
44,000-88,000 BTUH**

- Downflow configuration
- 80% energy efficiency
- Flexible application for small spaces
- Includes direct drive slide-out blowers
- Powered by SureLight ignition system

**C33 SERIES COILS
1.5-5 TON**

- Upflow uncased and full-cased models
- Horizontal models
- Large face area coil allows high efficiency
- Copper-rifled tubing and enhanced aluminum fins improve heat transfer
- Long-lasting painted galvanized cabinet and plastic drain pans
- Minimal air resistance for better performance
- 5-year limited warranty on covered components



C33



C33FC

**C23 AND C26 SERIES COILS
1.5-5 TON**

- Upflow uncased and full-cased models
- Horizontal models (C23)
- Downflow models (C26)
- Large face area coil allows high efficiency
- Copper-rifled tubing and enhanced aluminum fins improve heat transfer
- Long-lasting painted galvanized cabinet and plastic drain pans
- Minimal air resistance for better performance
- 5-year limited warranty on covered components



C23



C23FC/C26FC

**C17-090/120
7.5 & 10 TON**

- Versatile installation
- Upflow or horizontal air discharge
- Maximum efficiency



DUCT FURNACES

LD24

300,000 BTUH

- 80% thermal efficiency
- Complies with ASHRAE 90.1-2001
- Compact cabinet allows for versatile installation
- Gas fired
- Durable tubular heat exchanger
- High quality aluminized steel inshot burners
- Induced draft and sidewall venting
- Electronic ignition



UNIT HEATERS

HOTSHOT™ LF24

30,000-75,000 BTUH

- 80% thermal efficiency
- Complies with ASHRAE 90.1-2001
- Compact and powerful
- Ideal for smaller workplaces
- Easy to install and service
- Available for natural gas or propane



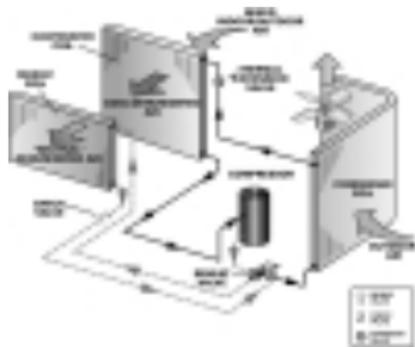
LF24 100,000-400,000 BTUH

- 80% thermal efficiency
- Complies with ASHRAE 90.1-2001
- Use in a wide range of industrial and commercial applications
- Excellent for warehouses, automobile repair facilities and public garages
- Available for natural gas or propane



HUMIDITROL® SYSTEM

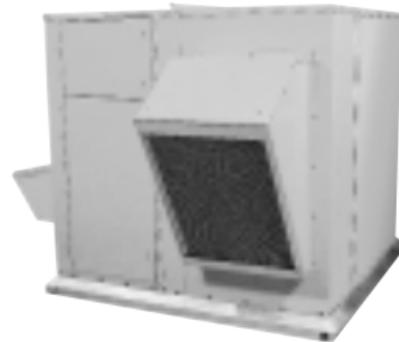
- Controls humidity on mild days
- Allows humidity control independent of cooling
- Meets ASHRAE 62.1-2001 fresh air requirements
- Hot-Gas Reheat option on L Series® rooftop units

**HUMIDITY SENSORS**

- Combine with Humiditrol® system to control humidity
- Accurately senses room humidity
- Available in a range of sizes and a variety of styles

**ENERGY RECOVERY VENTILATORS**

- Reduces energy costs
- Stand-alone unit
- Corrosion resistant
- Easy to maintain

**DEMAND CONTROL VENTILATION**

- Reduces energy costs
- Improves indoor air quality
- Modulates ventilation per actual occupancy
- L Series® unit option that uses a CO2 sensor, the Integrated Modular Control and gear driven dampers



L CONNECTION® NETWORK

UNIT CONTROLLERS

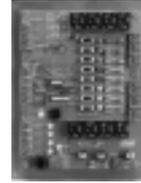
INTEGRATED MODULAR CONTROL

- Standard controller on L Series units
- Common motherboard with plug-and-play add-on boards for expanded control capability
- More than 85 diagnostic codes
- More than 100 selectable configuration codes
- Flash microchip allows field upgrade of firmware
- Large LED display for diagnostic and configuration codes



NETWORK THERMOSTAT CONTROL

- Two-heat, three-cool direct digital thermostat
- Outdoor damper control
- Selectable configuration codes
- Heat pump-, furnace- and air conditioning-compatible
- Fused, manual output switches
- Input/output LEDs
- Flash microchip allows field upgrade of firmware

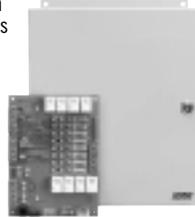


The L Connection® Network provides a single source of contact for complete control of a building's HVAC system and other functions. This breakthrough innovation reduces energy and installation costs and simplifies facility management.

BUILDING CONTROLLERS

BUILDING CONTROLLER

- Schedules basic building functions such as interior lights, signs and exhaust fans
- Light sensor input provides control for outside lights or signs
- Built in diagnostics speed troubleshooting



COMMERCIAL CONTROLS USER INTERFACE DEVICES

LN-1 NOTIFACT WIRELESS TRANSMITTER

- Monitors L Series® rooftop units
- Sends diagnostic codes electronically
- Receives via cell phone, fax, e-mail or printout
- Connects up to 10 L Series® rooftop units



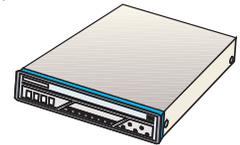
DATA MONITOR

- Provides information from unit controllers to third party DDC systems
- Furnishes a range of data
- Use with or without Network Control Panel



MODEM

- Exclusively for L Connection Network
- Plug-and-play capability
- Allows remote access



NETWORK CONTROL PANEL

- Centralized control for up to 31 members
- Easily programmable
- A range of scheduling features
- Time-stamped diagnostic codes
- Flash microchip allows field upgrade of firmware
- 10-Year backup battery
- Range of reporting features

**USER INTERFACE SOFTWARE****NETWORK CONTROL PANEL SOFTWARE**

- Performs same functions as Network Control Panel keypad from a PC
- Create a variety of reports
- Direct Network connection
- Expanded version allows modem connection

**UNIT CONTROLLER SOFTWARE**

- Sets up, monitors and diagnoses problems for up to 31 members
- For Integrated Modular Control or Network Thermostat Control or Building Controller
- Connects directly to Network
- Expanded version allows remote access

**TEMPERATURE SENSORS**

- Flush mounted wall unit
- Return duct mount sensor
- After hours override
- L Connection® Network compatible

**SECTRA™ ZONING SYSTEM**

- Allows customized comfort
- Manages temperature and air quality of each room or zone
- Reduces energy costs
- Heating and cooling schedules are quickly customized

**Sectra™****USER INTERFACE SOFTWARE****SECTRA ZONING SYSTEM CONFIGURATION SOFTWARE**

- User-friendly
- Windows®-based
- Step-by-step instructions
- Generates a complete materials checklist



Note: Due to Lennox' ongoing commitment to quality, all specifications and ratings are subject to change without notice. All HSPF ratings are Region IV.

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COMMERCIAL COMFORT SYSTEMS

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