



**Ward Mechanical Equipment, Inc.**

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## LENNOX SERIES ROOFTOP UNITS



### ENLIGHT™

#### XION™ Rooftop Units



### RAIDER

#### ENERGENCE®

#### LRP14 3ph Rooftop Units



- 3 to 25 ton ultra-high efficiency gas/electric and electric/electric units
- Up to 22.5 SEER, 15.0 EER and 23.3 IEE
- The most powerful units in their class
- Common cooling platform featuring a read, variable-speed compressor simplifies installation, service, and integration
- Single-zone and multi-zone VAV operation available on all units
- Lennox CORE Control System and mobile service app make setup and service faster than ever before
- Standard BACnet IP and MS/TP and optional LonTalk protocols
- Optional wireless zone sensors provide installation flexibility
- Standard DirectPlus® blowers system on 12.5 ton units
- Standard Enhanced Dehumidification mode provides additional dehumidification system
- Complete comfort with Humiditrol™+ hot gas reheat dehumidification system

- 3 to 25 ton gas/electric and electric/electric units
- Up to 20 ton heat pump and dual fuel units
- Up to 18.0 SEER, 13.5 EER and 17.0 IEER
- Exceeds Department of Energy 2023 IEER minimum standards by up to 21%
- MS/TP supply fan achieves up to 75% fan power savings
- Improved comfort with patented Humiditrol dehumidification system
- Lennox® CORE Control System and mobile service app simplifies setup and service
- Standard BACnet IP and MS/TP and optional LonTalk
- Optional wireless zone sensors provide installation flexibility
- Standard Enhanced Dehumidification mode provides additional dehumidification system
- Environ™ coil system maximizes reliability and sustainability

## LENNOX VRF

### OUTDOOR UNITS

- 2 to 25 ton gas/electric and electric/electric units
- 2 to 20 ton heat pump units
- Up to 12.5 SEER, 12.5 EER and 15.0 IEER
- Exceeds ASHRAE 90.1-2010 IEER minimum standards by up to 42%
- Standard isolated compressor compartment and slide-out blower on 7.5 ton and up
- Meets a variety of applications with over 100 field accessories
- Improved comfort with patented Humiditrol dehumidification system
- Standard DirectPlus® blowers system on 12.5 ton units
- Standard Enhanced Dehumidification mode provides additional dehumidification system
- Designated roof ready for easy installation and service

- 3 to 12.5 ton gas/electric and electric/electric units
- 3 to 10 ton heat pump units
- Up to 14.0 SEER, up to 11.7 EER and 15.0 IEER
- Compatible with one of the most common footprints in the industry, eliminating cost of adapter curb in many replacement applications
- Matches existing electrical and plumbing connections on many existing applications
- Weighs up to 16% less than units in its class

- 3.0, 3.5, 4.0 and 5.0 ton units
- Gas/electric, electric/electric and heat pump units
- 11.5 EER, 14 SEER, 8 HSPF (HP)
- Designed with a compact footprint for when space is tight
- Immediate availability through select Lennox commercial distribution facilities

- 3.0 to 12.5 ton gas/electric and electric/electric units
- 3 to 10 ton heat pump units
- Up to 14.0 SEER, up to 11.7 EER and 15.0 IEER
- MAV supply fan achieves up to 75%
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- Standard isolated compressor compartment and slide-out blower on 7.5 ton and up
- Improved comfort with patented Humiditrol dehumidification system
- Standard DirectPlus® blowers system on 12.5 ton units
- Standard Enhanced Dehumidification mode provides additional dehumidification system
- Designated roof ready for easy installation and service



### VHIB High-Static Ducted Indoor Units

- 3 to 5 ton capacities
- Heating operation down to -4°F
- Sound levels as low as 41 dBA
- Independent seepin control for up to 9 indoor units
- Inverter-driven compressor reduces energy usage by varying compressor speed in response to capacity demand
- Compact footprint — only 35" wide and 13-1/4" deep
- Voltage — available in 208-230/1/60
- Compatible with AHU kit to connect third party coils

### VVCB Vertical Air Handling Ducted Indoor Units

- 1 to 5 tons
- Up to 90° of external static pressure
- Vertical, horizontal-right or horizontal-left installation
- Optional electric heat up to 20 kW
- Voltage — available in 208-230/1/60
- Compatible with AHU kit to connect third party coils

## MINI-SPLIT SYSTEMS

### OUTDOOR UNITS

- AIR CONDITIONERS MC-SERIES
- OUTDOOR UNITS Single-Zone AC Units
- Cooling Only
- 0.75 to 2 tons
- Sound levels as low as 53.5 dBA

- Mode Selection Box
- 2-4-6-, 8-, 10-, and 12-port configurations
- Key component in Lennox VRF heat recovery system
- Independent operating mode for each port
- Dedicated sub-cooling circuit for each port
- Up to 5 indoor units or 54,000 Btu/h per port
- Voltage — available in 208-230/1/60

- Mini-VRF Heat Pump Outdoor Unit
- 1 to 5 tons
- Heating operation down to -4°F
- Sound levels as low as 41 dBA
- Independent seepin control for up to 9 indoor units
- Inverter-driven compressor reduces energy usage by varying compressor speed in response to capacity demand
- Compact footprint — only 35" wide and 13-1/4" deep
- Voltage — available in 208-230/1/60
- Compatible with AHU kit to connect third party coils

- VVDB Medium-Static Ducted Indoor Units
- 0.5 to 4 tons
- Sound levels as low as 29 dBA
- Compact construction requires less than 1" clearance above ceiling
- Rear (standard) or bottom return standard
- Voltage — available in 208-230/1/60
- Compatible with AHU kit to connect third party coils

- VSEA/VSCA Floor Console Indoor Units
- 7,000-24,000 btu/h capacity
- Compact installation
- Optional built-in cont oiler (Cased models only)
- Rear (standard) or bottom return standard
- Voltage — available in 208-230/1/60
- Compatible with AHU kit to connect third party coils

- VSOB Outside Air Ducted Indoor Units
- 3 to 8 tons
- Up to 1" external static pressure
- Discharge air temperature controlled
- Supports 3rd party reheat, preheat, dampers and CO<sub>2</sub> sensors
- Vertical or horizontally
- Voltage — available in 208-230/1/60
- Compatible with AHU kit to connect third party coils

- VCFB Ceiling/Floor Mount Non-Ducted Indoor Units
- 1 to 4 tons
- Auto-swing louvers
- Sound levels as low as 36 dBA
- Multi-position design mounts vertically or horizontally
- Voltage — available in 208-230/1/60
- Compatible with AHU kit to connect third party coils

- MERIT® Series
- MERIT® M14XP1/M14XCI Air Conditioners and Heat Pumps
- 3-Phase Heat Pump
- 3 to 5 ton
- Up to 16.0 SEER and 9.0 HSPF
- Sound levels as low as 79 dBA
- Humiditrol dehumidification system compatible
- Two-stage scroll compressor
- Operates as quietly as 76 dBA
- SmartHinge™ louvered coil protection

- ELITE® SERIES
- ELITE® Series ELA 6 to 20 Ton Air Handlers
- 6 to 20 ton capacities
- Designed to match the all-new Elite Series 6 to 20 ton air conditioners and 6, 7.5, and 10 ton heat pumps
- Advanced Condensate Management™ system provides superior protection against water build up, rust and corrosion
- Pure Comfort™ system designed for ideal performance
- Simple Service™ system allows for easy installation and maintenance

- ELITE® SERIES
- ELITE® SL280V Gas Furnaces
- 66,000-132,000 Btu/h
- 80% AFUE
- 2-stage heating
- Variable speed fan motor, slide out blower and silentcom fan motor
- Upflow/horizontal or dedicated downflow configurations
- Sealed blower compartment
- Duraflo™ heat exchanger

- ELITE® SERIES
- EL196E Gas Furnaces
- 44,000-110,000 Btu/h
- 96% AFUE
- Single-stage heating
- Constant torque fan motor, slide out blower and coil-less entry
- Upflow/horizontal or dedicated downflow modes available
- Duraflo Plus heat exchanger
- Low NOx

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### INDOOR UNITS

#### Wall-Mounted Non-Ducted

- 0.75 to 4 tons
- 208-230V
- Slim, compact design
- Three-speed fan
- Built-in condensate pump
- Multiple return-air opening options
- Up to 23.0 SEER and 12.5 HSPF
- Sound levels as low as 23 dBA

#### Ceiling/Cassette Non-Ducted

- 0.75 to 4 tons
- 208-230V
- Four-airflow panel
- Four-speed fan
- Built-in condensate pump
- Two installation orientations
- Multiple return-air opening options
- Up to 23.0 SEER and 11.6 HSPF
- Sound levels as low as 32 dBA

#### Celling/Floor Non-Ducted

- 1 to 4 tons
- 208-230V
- Three-speed fan
- Two installation orientations
- Multiple return-air opening options
- Up to 23.0 SEER and 11.6 HSPF
- Sound levels as low as 39 dBA

## FURNACES AND UNIT HEATERS

### LOW AMBIENT HEAT PUMPS MI-SERIES OUTDOOR UNITS

- 0.75 to 4 tons
- 208-230V
- Medium-Static Ducted

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- 208-230V
- Medium-Static Ducted

#### LOW AMBIENT HEAT PUMPS MH-SERIES OUTDOOR UNITS

- 0.75 to 4 tons
- 208-230V
- Medium-Static Ducted

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- 0.75 to 4 tons
- 208-230V
- Medium-Static Ducted

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