



COMMERCIAL PRODUCT SOLUTIONS

WALL CHART

LENNOX ROOFTOP SERIES

MODEL / L



MODEL L™ ROOFTOP UNITS

- 3 to 25 ton ultra-high efficiency gas-electric and electric-electric units
- Up to 21.2 SEER2, 14.3 EER2 and 23.1 IEER
- Exceeds Department of Energy 2023 IEER minimum standards by up to 58%
- Common cooling platform featuring a lead, 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
- Standard MSAV™ supply fan achieves up to 75% fan power savings¹
- Available in 208/230V-3ph, 460V-3ph & 575V-3ph
- DirectPlus™ blower standard up to 12.5 tons eliminates traditional belt-drive maintenance and service costs
- Standard Enhanced Dehumidification mode provides additional dehumidification during cooling demands
- Complete comfort with the optional Humiditrol™+ hot gas reheat dehumidification system⁴
- Environ™ coil system maximizes reliability and sustainability⁴

ENLIGHT



ENLIGHT ROOFTOP UNITS

- 3 to 30 ton high efficiency gas-electric and electric-electric units
- 3 to 25 ton high efficiency heat pump and dual fuel heat pump units
- Up to 17.5 SEER2, 13.5 EER2 and 17.3 IEER
- Exceeds Department of Energy 2023 IEER minimum standards by up to 24%
- MSAV™ supply fan achieves up to 75% fan power savings¹
- Improved comfort with patented Humiditrol® dehumidification system⁴
- Lennox® CORE Control System and mobile service app simplifies setup and service
- Standard BACnet® IP and MS/TP and optional LonTalk® protocols
- Environ™ coil system maximizes reliability and sustainability⁴

XION



XION™ ROOFTOP UNITS

- 2 to 25 ton gas-electric and electric-electric units
- 2 to 20 ton heat pump units
- Up to 14.0 SEER2, 11.5 EER2 and 15.5 IEER
- Available in 208/230V-1ph & 3ph, 460V-3ph & 575V-3ph
- MSAV™ supply fan achieves up to 61% fan power savings² (Standard on units 6 tons and up)
- Standard isolated compressor compartment and slide-out blower
- Meets a variety of applications with over 100 field accessories
- Improved comfort with the optional Humiditrol® dehumidification system⁴
- Designed roof ready for easy installation and service
- The Lennox® CORE Lite Unit Controller and Simple Service™ features minimize maintenance time
- Environ™ coil system maximizes reliability and sustainability⁴

SPECIALTY PACKAGED ROOFTOP UNITS

RAIDER®



RAIDER® ROOFTOP UNITS

- 3 to 12.5 ton gas-electric and electric-electric units
- 3 to 10 ton heat pump units
- 13.4 SEER2, up to 11.5 EER2 and 15.5 IEER
- Compatible with one of the most common footprints in the industry, eliminating cost of adapter curb in many replacement applications
- Available in 208/230V-1ph & 3ph, 460V-3ph & 575V-3ph
- Matches existing electrical and plumbing connections on many existing applications
- Weighs up to 18% less than units in its class
- Environ™ coil system maximizes reliability and sustainability⁴
- MSAV supply fan on 6-12.5 Ton models
- Full-perimeter base rail provides greater structural integrity, so the unit is easier to handle when rigging and transporting
- All units now have low pressure switch and 5 strike protection for improved reliability
- Strategically stocked in all commercial distribution facilities in North America

LRP



LRP13 3PH ROOFTOP UNITS

- 3.0, 4.0 and 5.0 ton units
- Gas-electric, electric-electric and heat pump units
- 13.4 SEER2, 10.6 EER2, 6.7 HSPF2
- 208/230V-3ph and 460V-3ph
- Compact footprint for limited space applications
- Immediate availability through select Lennox commercial distribution facilities
- Ultra-Low NOx heat exchangers available
- Factory installed float switch
- Accommodates both horizontal and downflow applications
- Plug and play accessories that go not require disassembly
- Factory installed base rails with forklift slots, no special rigging or brackets required for placement
- Side and bottom utility connection entrances

VARIX™ VRF

OUTDOOR UNITS



VARIX™ VRF HEAT PUMP AND HEAT RECOVERY

- 6 to 38 ton capacities
- Single module outdoor units up to 20 tons, combinable up to 38 tons
- Mode-selection boxes available in 1- to 12-port options
- Voltage - Available in 208/230V, 460V, or 575V
- Single cover with cover reducing time and effort for servicing
- Flash Injection technology for superior performance
- Easy access to the Printed Board Assembly with a one-touch button to simply check errors on the device
- Center of gravity indicator mark on every unit making it safe and easy to lift and move with a crane or forklift
- Digital Inverter motor & Active AI technologies



VARIX™ EXTREME HEAT PUMP AND HEAT RECOVERY

- 6 to 24 tons capacities
- Single module outdoor unit capacities from 6 to 10 tons
- Combination capacities up to 24 tons
- Mode Selection boxes 1- to 12-port
- Guaranteed heating operation down to -22°
- 100% heating capacity at -22°
- Flash injection technology



VARIX™ WATER HEAT PUMP

- 208/230V, 60 Hz, 1 Ph
- 3, 4 and 5 ton single modules
- Connect up to 9 indoor units

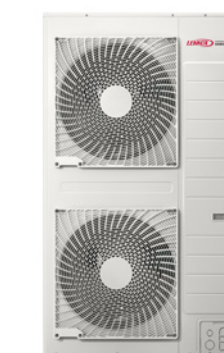
HEAT PUMP OR HEAT RECOVERY

- 208/230V, 60 Hz, 3 Ph or 460V, 60 Hz, 3 Ph
- 6, 8, 10, 16 and 20 ton single modules
- Connect up to 3 units for system capacities up to 34 tons
- Connect up to 64 indoor unit



VARIX™ CHILLER HEAT PUMP

- 208/230V, 60 Hz / 3 Ph or 460V, 60 Hz, 3 Ph
- 10 and 15 ton modules
- Connect up to 16 units for up to 240 tons
- Outdoor unit static pressure up to 0.32" WC
- Standard, rotation and efficiency modes
- Easily combine and fit multiple units even when space is limited
- Optional kits available to integrate third-party fan coil units to central and local controls
- Delivers water at a wide range of temperatures
- Cooling: 41°F - 77°F (5°C - 25°C) standard, 14°F - 77°F (-10°C - 25°C) with brine solutions
- Heating: 77°F - 131°F (25°C - 55°C)⁴



VARIX™ MINI-VRF HEAT PUMP

- 208/230V, 60 Hz, 1 Ph
- 3, 4, and 5 ton single modules
- Connect up to 10 indoor units
- 3 ton - up to 8 / 4 ton - up to 9 / 5 ton - up to 10
- High heating performance at -22°F (-30°C)
- Quiet operation mode offers 3 levels of outdoor unit noise reduction

INDOOR UNITS



WALL-MOUNT
0.5 to 2.5 tons



ONE WAY CASSETTE
0.5 to 2 tons



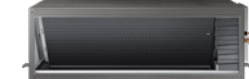
4-WAY
CASSETTE 2X2
0.5 to 1.25 tons



4-WAY
CASSETTE 3X3
0.5 to 4 tons



FLOOR MOUNT
1.5 to 2 tons



OUTSIDE AIR
DUCTED
6 to 8 tons



FLOOR CONSOLE
INDOOR UNITS
0.5 to 2 tons



LOW STATIC
DUCTED
0.75 to 2 tons



MEDIUM-STATIC
DUCTED
0.5 to 1.5 tons



HIGH-STATIC
DUCTED
2 to 4.5 tons



CEILING MOUNT
3 to 4 tons



VERTICAL
AIR HANDLER
1 to 6 tons



360 CASSETTE
0.75 to 4 tons



HYDRO UNITS

VHEC HYDRO UNIT
3 to 12 tons



VHVC HYDRO UNIT
4 to 6 tons



MODE SELECTION BOX
1-, 2-, 4-, 6-, 8-, and 12-port configurations
Key component to heat recovery operation
Independent operating mode for each port
Dedicated sub-cooling circuit for each port
Up to 64 units to a single box

MINI-SPLIT SYSTEMS

OUTDOOR UNITS



HEAT PUMP UNITS

- Single Zone: MWPD009-024, MWH009-024, MMPD018-048, and 3WPD
- Multi Zone: MMPD020-048



LOW AMBIENT HEAT PUMP UNITS

- Single Zone: MWLD009-024 and MMLD009-048
- Multi Zone: MMLD020-036



HIGH STATIC DUCTED

- 9K to 48K
- External static pressures up to 0.79"
- Built-in condensate pump with 29" lift and float switch



ONE-WAY CASSETTE

- 9K to 18K
- Built-in condensate pump with 29" lift



MEDIUM STATIC DUCTED

- 9K to 18K
- Fan motor adjusts speed according to ESP
- Built-in condensate pump with a 29" lift and float switch



4-WAY CASSETTE (3 X 3)

- 18K to 30K
- 4 X auto-swing louvers with independent control
- Built in condensate pump with 29" lift



WALL-MOUNT

- 9K to 24K
- Motion detection sensor
- Airflow control



4-WAY CASSETTE (2 X 2)

- 9K to 18K
- 4 X auto-swing louvers with independent control
- Built-in condensate pump with 29" lift with float switch and check valve



FLOOR MOUNT

- 18K to 18K
- 2-way air outlets



VERTICAL AIR HANDLER

- 18K to 48K
- Vertical, horizontal left, horizontal right, downflow option
- Three fan speeds and auto setting



COMMERCIAL TECHNOLOGY SOLUTIONS

WALL CHART

SPLIT SYSTEMS



- ELITE® SERIES ELKC AIR CONDITIONERS**
- 6 to 20 ton air conditioners
 - Up to 15.0 IEER
 - Up To 11.5 EER
 - Two stage cooling for all single circuit systems
 - Three stage cooling for all dual circuit systems

ELITE®
SERIES



- ELITE® SERIES ELKP HEAT PUMPS**
- 6 to 15 ton heat pumps
 - Up to 14.1 IEER
 - Up to 11.3 EER
 - Up to 3.4 COP
 - Two stage cooling for all single circuit systems
 - Three stage cooling for all dual circuit systems

ELITE®
SERIES



- ELITE® SERIES ELKA AIR HANDLERS**
- 6 to 20 tons capacities
 - Designed to match the all-new Elite Series 6 to 20 ton air conditioners and 6 to 15 ton heat pumps
 - Advanced Condensate Management™ system provides superior protection against water build up, rust and corrosion
 - Pure Comfort™ system designed for ideal performance and maximum energy savings
 - Simple Service™ system allows for easy installation and maintenance

ELITE®
SERIES



- CBK47UHET AIR HANDLER**
- 3 to 5 ton
 - 230V or 460V single phase
 - Lennox Quantum Coil for superior corrosion resistance
 - Power Saver constant torque motor

ELITE®
SERIES



- MERIT® ML18XC2 AIR CONDITIONER**
- 2 stage air conditioner
 - 3 to 5 tons
 - Up to 18.0 SEER
 - Sound levels as low as 76 dBA
 - Lennox Quantum® Coil for superior corrosion resistance
 - R-410A Refrigerant (While Supplies Last)

MERIT®
SERIES



- 3-PHASE MERIT® ML13KC1/ML17KC2 AIR CONDITIONERS AND ML14KP1 HEAT PUMPS**
- 3 to 5 tons
 - Up to 17.1 SEER2 and 7.5 HSPF2
 - Sound levels as low as 73 dBA
 - Lennox Quantum® Coil for superior corrosion resistance
 - R-454B Refrigerant

MERIT®
SERIES

FURNACES AND UNIT HEATERS



- SLP99V GAS FURNACES**
- 66,000–132,000 Btu/h
 - Up to 99% AFUE
 - Modulating heat operation
 - Variable speed fan motor
 - SilentComfort™ fan motor
 - Precise Comfort™ design
 - Upflow/horizontal and dedicated downflow configurations
 - Duralok Plus™ heat exchanger
 - Low NOx



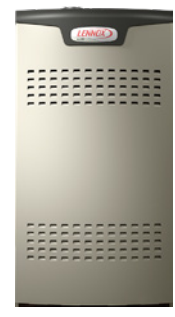
- SL280V GAS FURNACES**
- 66,000–132,000 Btu/h
 - 80% AFUE
 - 2-Stage Heating
 - Variable speed fan motor
 - SilentComfort fan motor
 - Upflow/horizontal or dedicated downflow models available
 - Reliable SureLight™ igniter
 - Duralok Plus™ Heat Exchanger Assembly
 - Low NOx



- EL296E/V GAS FURNACES**
- 44,000–132,000
 - 97% AFUE
 - 2-stage gas heating
 - Sealed blower compartment
 - V = Variable speed motor,
 - E = constant torque variable-speed motor
 - Reliable SureLight™ igniter
 - Duralok Plus™ Heat Exchanger Assembly
 - Low NOx



- EL297E/V GAS FURNACES**
- 44,000–132,000 Btu/h
 - 96% AFUE
 - 2-Stage Heating
 - V = Variable speed fan motor
 - E = Constant torque fan motor
 - Upflow/horizontal or dedicated downflow configurations
 - Expanded venting options
 - Sealed blower compartment
 - Duralok™ Plus heat exchanger
 - Low NOx



- EL280E GAS FURNACES**
- 44,000–110,000
 - 80% AFUE
 - 2-stage heating
 - Constant torque fan motor
 - Upflow/horizontal or dedicated downflow models available
 - Sealed blower compartment
 - Duralok™ Plus heat exchanger
 - Low NOx



- LF25 UNIT HEATERS**
- 30,000–400,000 Btu/h
 - Up to 83.8% thermal efficiency
 - Ideal for a wide range of commercial and residential applications
 - Stainless steel heat exchanger available on 125,000–400,000 Btu/h
 - Sidewall venting eliminates roof penetrations
 - Self-diagnostic board with LED display improves troubleshooting efficiency and accuracy
 - Two Stage Heating now standard on 250,000–400,000 BTU/h models



- EL196E GAS FURNACES**
- 44,000–110,000 Btu/h
 - 96% AFUE
 - Single-stage gas heating
 - Constant torque fan motor
 - Upflow/horizontal or dedicated downflow models available
 - Reliable SureLight™ igniter
 - Duralok™ Plus heat exchanger
 - Low NOx



- ML296V GAS FURNACES**
- 44,000–110,000 Btu/h
 - 96% AFUE
 - 2-stage heating
 - Variable speed fan motor
 - Upflow/horizontal or dedicated downflow configurations
 - Reliable SureLight™ igniter
 - Duralok™ Plus heat exchanger
 - Low NOx



- ML193E GAS FURNACES**
- 30,000–110,000 Btu/h
 - Up to 93% AFUE
 - Single stage heating
 - Constant torque fan motor
 - Upflow/horizontal or dedicated downflow models available
 - Duralok™ Plus heat exchanger
 - Low NOx



- ML196E GAS FURNACES**
- 30,000–132,000
 - 96% AFUE
 - Single stage heating
 - Constant torque fan motor
 - Upflow/horizontal or dedicated downflow models available
 - Duralok™ Plus heat exchanger
 - Low NOx

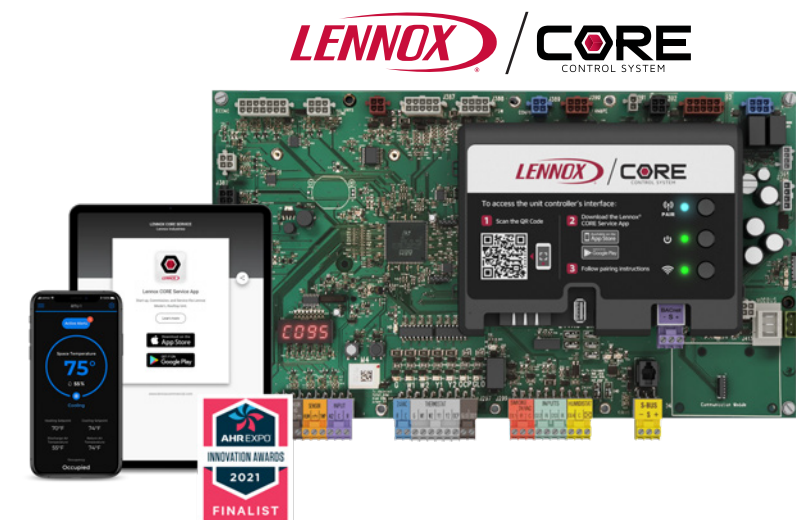


- ML180E/V GAS FURNACES**
- 44,000–132,000 Btu/h
 - 80% AFUE
 - Single stage heating
 - V = Variable speed fan motor
 - E = Constant torque fan motor
 - Upflow/horizontal or dedicated downflow models available
 - Duralok™ Plus heat exchanger



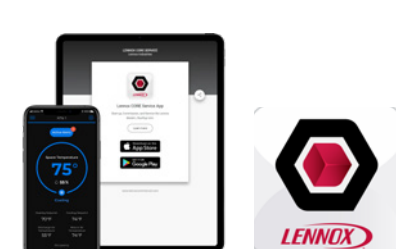
CONTROLS

UNITARY CONTROLS

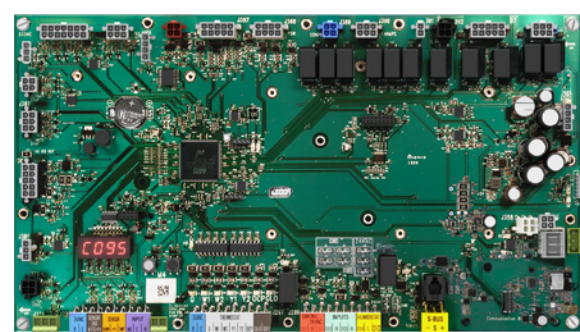


- LENNOX® CORE UNIT CONTROLLER**
- Mobile app interface integrates diagnostic, test, and troubleshooting functionalities, reducing install times over traditional built-in interfaces
 - Diagnostics and sensor system monitors component performance, tracks capacity and efficiency, and alerts when necessary
 - Patented SmartWire™ system ensures proper field installation
 - Built-in storage for diagnostic codes, data trending, and reports simplifies the service process.
 - Device encryption and firmware validation provide security and peace of mind

APPS



- LENNOX® CORE SERVICE APP**
- Simple guided setup, real-time data readouts and enhanced test functionalities make servicing Lennox rooftop units easier than ever before.
 - Easily commission and service units with the Lennox® CORE and CORE Lite controllers
 - Export data trends
 - Share service reports
 - Save / load unit profiles for similar units
 - Edit unit parameters



- LENNOX® CORE LITE UNIT CONTROLLER**
- Optional BACnet MS/TP with add-on board
 - Intelligent Operation optimizes comfort and unit reliability without complex configuration, saving time and delivering results
 - Integrated Refrigerant Detection System (RDS) allows safe and reliable unit operation with R-454B refrigerant
 - Multiple Device Support for Android and iOS on both phones and tablets lets you experience the Lennox® CORE Service App on the device you are comfortable with



- PRODIGY APP**
- Watch how-to videos
 - Access Prodigy related technical literature
 - Review alarm lookup tables with step by step troubleshooting guide
 - Search a list of configuration parameters with detailed description
 - Visit Frequently Asked Questions

COMMERCIAL CONTROLS



- COMFORTSENSE® 8500 COMMERCIAL PROGRAMMABLE THERMOSTAT**
- Compatible with Lennox CORE Control System
 - ASHRAE® and IECC® Compliant
 - Operation with BACnet networks via the CORE and Prodigy® unit controllers
 - Full 7-day programmability
 - Built-in humidity sensor and optional CO2 sensors
 - Simplified installation and service with only four wires



- COMFORTSENSE 7500 COMMERCIAL THERMOSTAT**
- Easy-to-read backlit 4.3" color touchscreen
 - ASHRAE® and IECC® Compliant
 - Full 7-day programmability
 - Up to 4 heat/3 cool multi-stage systems (includes dual-fuel operation)
 - Auto-changeover function automatically switches between heating and cooling modes
 - Compatible with Lennox rooftop units, split systems and Humiditrol dehumidification

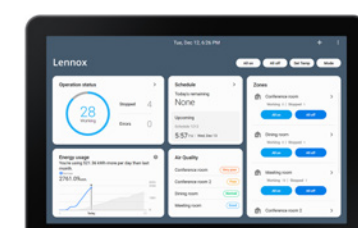


- COMFORTSENSE 3000 COMMERCIAL THERMOSTAT**
- Large buttons and display for ease of use
 - Intuitive, advanced electronics for precise temperature control
 - Stylish appearance to complement any interior setting
 - Designed specifically for commercial applications
 - Weekdays and weekends are programmable with up to 4 time periods per day

DUCTLESS CONTROLS



- PROGRAMMABLE WIRED CONTROLLER**
- Color screen
 - Built-in room sensor
 - Advanced heat pump auto changeover settings
 - 7-day programmable scheduling
 - Occupied/unoccupied and setback settings
 - Group control of up to 16 indoor units
 - Energy monitoring
 - IR receiver
 - Service mode settings and error code display with description
 - WindFree™ function control



- CENTRAL TOUCH CONTROLLER**
- 10.1" touch LCD controller
 - Can connect and control up to 32 systems and up to 128 indoor units
 - Local access via IP with a PC or tablet



- BACNET GATEWAY**
- Allows for control and monitoring of Lennox Powered by Samsung systems via BACnet/IP
 - Control and monitor up to 80 systems and 256 indoor devices
 - Up to 25 control and monitoring points per indoor unit
 - Full indoor unit control with simple contact input
 - 8 additional digital inputs for monitoring options
 - 6 general purpose outputs to control other devices



- WIRELESS REMOTE CONTROLLER**
- Pixel display that can be viewed in low light conditions
 - Charge via USB-C or use built-in solar panel on the back
 - Slim design
 - Convenient button layout



- TOUCH SCREEN WIRED CONTROLLER**
- Control up to 16 indoor units on a single system or across multiple systems
 - ON/OFF
 - Temperature setting
 - Operation mode
 - Fan speed
 - Filter reminder setting
 - Single event timer setting
 - Louver position setting
 - Error display
 - Partial or all button lock capability
 - Outing function
 - Quiet mode (for supported units)
 - Built-in temperature sensor
 - WindFree™ cooling mode
 - Long reach function
 - Service mode for operation monitoring, addressing, and setup of connected indoor units

INDOOR AIR QUALITY



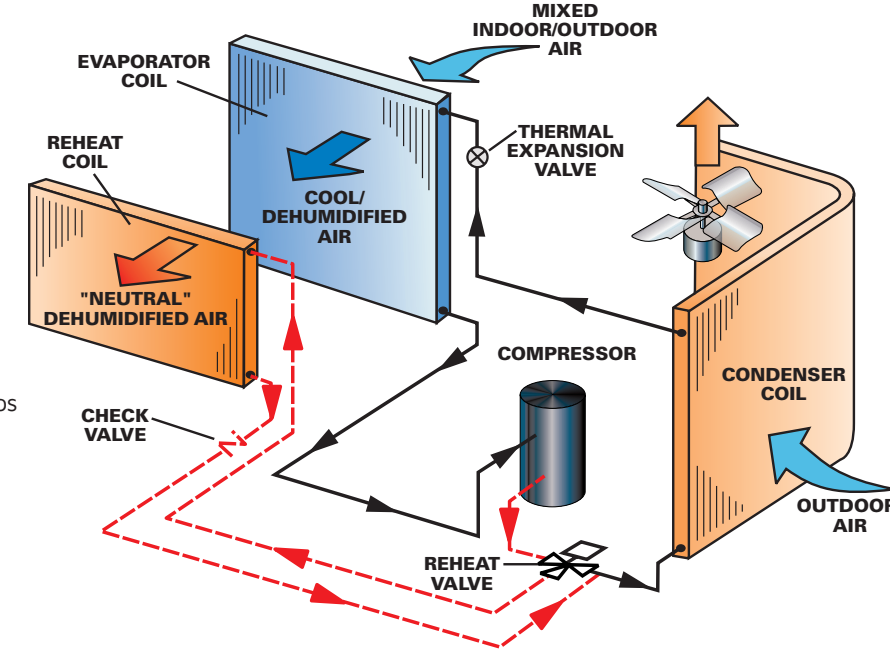
HUMIDITROL DEHUMIDIFICATION SYSTEM FOR ROOFTOP UNITS AND SPLIT SYSTEMS

- Excellent humidity control in the toughest applications, such as mild-temperature, high-humidity days
- Allows humidity control independent of cooling
- Meets ASHRAE 62.1-2007 fresh-air requirements
- EDA Coil for Split Systems installs downstream of the evaporator



HUMIDITROL™+ DEHUMIDIFICATION SYSTEM

- Energy efficient modulating hot gas reheat
- Discharge air control for overcooling protection
- Independent humidity and temperature control
- Factory installed option on Model L SZVAV Rooftops



MERV AIR FILTERS

- High-efficiency air filters available in MERV 8, 13 and MERV 16
- MERV 16 removes 95% of particles sized 0.3 to 1.0 micron
- Exceeds minimum requirements set forth by LEED®
- Conforms to UL900 Class 2 approval for U.S. and Canada
- Improves HVAC energy efficiency by keeping coil clean



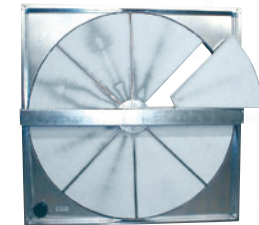
BIPOLAR IONIZATION

- Targets certain viruses, bacteria, mold, spores and fungi through cell oxidation as well as VOCs and odors through a chemical reaction at a molecular level
- Easy to install
- No maintenance is needed
- Dry contacts tie into BAS controls to verify operation



ENERGY RECOVERY SYSTEMS

- Bolt-on Energy Recovery 300–6,200 CFM
- AHRI-certified energy recovery wheel transfers heat and moisture
- Energy recovery wheel is segmented for easy cleaning and removal
- Optional pivot function allows for efficient operation with unit economizers



LENNOX COMMERCIAL VISION

To be recognized as the highest quality and most innovative Commercial HVAC solutions provider.

Find us online: lennox.com/commercial

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

All HSPF2 ratings are Region IV.

All air conditioners and heat pumps are Commercial 3-phase voltage; for information on Residential 1-phase voltage, please contact Lennox Industries.

Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details, or visit www.energystar.gov.

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¹ At 55% airflow when compared to full load.

² At 67% airflow when compared to full load.

³ Select units will also require the equipment interface module.

⁴ Available on gas-electric and electric-electric models only.