



COMMERCIAL HVAC PRODUCT GUIDE.



**MORE SPEED, SERVICE, AND CONTROL
FROM START TO FINISH.**

THAT'S THE DIRECT EFFECT OF LENNOX.

Deliver commercial HVAC solutions at your scale, with the power of direct access and the steadfast partnership of Lennox. Seamlessly connect with the people, products and support you need to achieve quick wins and reach long-term goals. From emergency replacements to large projects and every step in between, experience more speed, service and control from start to finish. **That's the Direct Effect of Lennox.**



www.lennox.com/commercial



www.youtube.com/lennoxcommercial



LennoxPROs.com®

www.lennoxpros.com



INNOVATION IS AT THE HEART OF EVERY LENNOX® PRODUCT.
AND OUR COMMERCIAL OFFERINGS ARE NO EXCEPTION.

AN INDUSTRY LEADING LINEUP



	MODEL L™	ENLIGHT	XION™	RAIDER®
Description	Ultra-high efficiency product with advanced control system, variable-speed technology and extensive factory options	High-efficiency product with advanced control system and extensive factory options	Standard-efficiency product with intuitive control system and moderate factory options	Standard-efficiency product with electromechanical control system and standard factory options
For the customer desiring:	The lowest total cost of ownership through exceptional efficiency, open integration, customization and a simple service experience	Lower operating costs, premium performance, and unmatched flexibility for a broad range of installations	Added value through product flexibility and serviceability for a broad range of installations	Immediate value with proven reliability, replacement compatibility and immediate availability for small tonnage applications
Nomenclature	LGM, LCM	LGT, LCT, LHT, LDT	LGX, LCX, LHX (Formerly K°C)	ZGD, ZCD, ZHD
Tonnage	3 – 25	3 – 30	2 – 25	3 – 12.5
Type	G/E, E/E	G/E, E/E, HP, DF	G/E, E/E, HP	G/E, E/E, HP
Efficiency Level(s)	Ultra-High	High	Standard	Standard
Unit Controller	Lennox® CORE Unit Controller	Lennox® CORE Unit Controller	Lennox® CORE Lite Unit Controller	—
Lowest Total Cost of Ownership *	Lowest	Lower	Low	Standard
Factory Options	Extensive selection	Extensive selection	Moderate selection	Standard selection
Humidity Control	Enhanced Dehumidification (Standard w/ SZVAV), Humiditrol™+ option	Humiditrol® option	Humiditrol® option	—

*Provides for reduced installation, service, maintenance and utility costs



ULTIMATE PERFORMANCE, COMFORT, AND CONTROL

The Model L™ rooftops feature the revolutionary Lennox® CORE Unit Controller and advanced variable-speed technology to maximize energy savings. But that’s just the beginning. Premium diagnostic features reduce installation, service and maintenance expenses to provide the lowest total cost of ownership in the industry.



ENERGY OPTIMIZATION

Model L rooftop units deliver the lowest total cost of ownership through variable-speed components and intelligent operation.

- Energy-saving efficiency ratings of up to 14.3 EER2, 21.2 SEER2 and 23.1 IEER are among the highest in the industry
- Optimized humidity control with enhanced dehumidification and optional Humiditrol™+ reduces energy usage over traditional hot-gas reheat systems
- Qualifies for rebate programs, delivering even more ways to save money



COMPLETE COMFORT

Advanced technologies deliver premium comfort and indoor air quality in a wide range of applications.

- Humiditrol™+, a modulating hot gas reheat dehumidification system, provides energy-efficient dehumidification for superior indoor air quality and year-round comfort
- UVC germicidal lights and high-MERV filter options provide indoor air quality solutions for comfortable air in diverse climate zones
- Modulating compressors and fans optimize efficiency and comfort to meet space demands in both single-zone and multi-zone VAV application



ENGINEERED INTELLIGENCE

The Lennox® CORE Unit Controller delivers connected service, open integration, reliable performance, and efficiency optimization to empower all parts of your organization.

- Mobile App interface provides intuitive guided setup, reports and parameter adjustment to optimize unit operation
- Open integration and control with standard BACnet® IP & MS/TP, LonTalk®, thermostats, and zone sensors allow freedom of choice, custom monitoring and control
- Diagnostics and sensor system monitors component performance, and alerts when necessary, enabling smart asset management



SIMPLE SERVICE

Model L rooftop units maximize efficiency of maintenance and service operations, reducing operational costs and minimizing downtime.

- Mobile app interface integrates diagnostic, test and troubleshooting functionalities, reducing install times over traditional built-in interfaces
- DirectPlus™ blower standard up to 12.5 tons eliminates traditional belt-drive maintenance and service costs
- The Simple Service System™ offers tool-less filter access, slide-out blower, isolated compressor compartment, and accessible gas compartment, which further reduces service time

MODEL L™ HIGHLIGHTS:
3- to 25-ton gas/electric and electric/electric configurations

Up to 14.3 EER2, 21.2 SEER2 and 23.1 IEER



Lennox® CORE Control system revolutionizes the service experience with guided setup, detailed reports, and actionable alerts

Lead variable-speed compressors reduce energy usage and deliver premium comfort



Environ™ coil system maximizes reliability and sustainability**



Humiditrol™+ modulating dehumidification system provides improved comfort and indoor air quality



APPLICATION FLEXIBILITY, INTELLIGENT OPERATION

Enlight rooftop units are powered by the Lennox® CORE Control System and create a bright future through their highly energy-efficient and environmentally sustainable design. Comprehensive configurations meet a wide range of applications, making it the most flexible product line Lennox has to offer.



APPLICATION FLEXIBILITY

The Enlight lineup gives you the flexibility to choose exactly the right configuration for your application.

- Comprehensive product line consisting of 3-30 ton gas-electric and electric-electric, and 3-25 ton heat pump and dual fuel heat pump models makes Enlight your go to brand
- Configure to order options tailor the unit to your application requirements reducing installation time
- Configurable Parameters on the CORE Unit Controller allow tailored unit operation, enabling optimal comfort and efficiency for every application



SUSTAINABLE BY DESIGN

The Enlight family was engineered to minimize environmental impact through exceptional efficiency and sustainable design.

- Configurable Parameters on the CORE Unit Controller allow tailored unit operation, enabling optimal comfort and efficiency for every application
- Energy-saving efficiency ratings of up to 13.5 EER2, 17.5 SEER2, and 17.3 IEER which qualifies for energy rebates and incentives, making it easier for your organization to meet your financial and sustainability goals
- Environ™ Coil System contains up to 52% less refrigerant and is up to 59% lighter than traditional coil systems reducing the overall environmental impact
- Standard MSAV® supply fan technology can provide up to 75% fan power savings* while improving comfort



ENGINEERED INTELLIGENCE

The Lennox® CORE Control System delivers connected service, open integration, reliable performance, and efficiency optimization to empower all parts of your organization.

- Lennox® CORE Unit Controller optimizes unit operation in real-time by processing advanced sensor inputs, maximizing energy efficiency and space comfort
- Mobile App Interface provides intuitive guided setup, reports, and parameter adjustment to optimize unit operation
- Open integration and control with standard BACnet® IP & MS/TP, LonTalk®, thermostats, and zone sensors allow freedom of choice, custom monitoring and control



SIMPLE SERVICE

Enlight rooftop units maximize efficiency of maintenance and service operations, reducing operational costs, and minimizing downtime.

- Mobile app interface integrates diagnostic, test, and troubleshooting functionalities, reducing install times over traditional built-in interfaces
- DirectPlus™ blower standard up to 12.5 tons eliminates traditional belt drive maintenance and service costs
- The Simple Service System™ offers tool-less filter access, slide out blower, isolated compressor compartment, and accessible gas compartment which further reduce service time

ENLIGHT HIGHLIGHTS:
3 to 30 ton gas/electric and electric/electric units
3 to 25 ton heat pump and dual fuel units

Up to 13.5 EER2, 17.5 SEER2, and 17.3 IEER



Lennox® CORE Control system revolutionizes the service experience with guided setup, detailed reports, and actionable alerts



Environ™ coil system maximizes reliability and sustainability**



Improved comfort with the Humiditrol® dehumidification system**



PROVEN RELIABILITY, SUPERIOR SERVICEABILITY

Xion™ rooftop units are designed for quick field adaptability, making them ideal for fast turnaround commercial applications. The Lennox standard - reliable performance and year-round comfort packaged within a serviceable design.



ROOF READY

Xion™ rooftop units are designed roof ready to quickly fit your application needs. These units come with a range of convenient features that make installation quick and easy.

- **Field flexibility** with more than 100 field-installed accessories allows quick modification of units to fit the application
- **Installation made easy** with self-sealing insulated base and minimized plumbing through a convertible drain pan
- **Comprehensive product line** consisting of 2-25 ton gas-electric and electric-electric, and 2-20 ton heat pump models



RELIABLE PERFORMANCE

Xion™ rooftop units are engineered to deliver reliable performance and year-round comfort.

- **Lennox® CORE Lite Controller** increases system reliability by providing 3-strike protection and alerts for critical components
- **Environ™ coil system** contains up to 52% less refrigerant and is up to 59% lighter than traditional coil systems reducing the overall environmental impact
- **MSAV® supply fan technology** optimizes system performance by staging airflow to provide year-round comfort and power savings of up to 61% over traditional blower systems
- **Humiditrol® dehumidification technology** offers an optional humidity control system that efficiently removes moisture from the air to create a healthier and more comfortable indoor environment



SIMPLE SERVICE

Xion™ rooftop units featuring the Lennox® CORE Lite Controller maximize efficiency of maintenance and service operations, reducing operational costs and minimizing downtime.

- **Lennox® CORE Service App** integrates diagnostic, test, and troubleshooting functionalities, reducing install and service time over traditional interfaces
- **Slide-out blower motor** reduces installation and service time
- **Isolated compressor compartment** allows performance checks without interrupting airflow, reducing service time
- **Accessible heating compartment** provides quick and convenient access to all gas or electric heating components

*Available on Gas/Electric and Electric/Electric models only.

XION™ HIGHLIGHTS:
2 to 25 ton gas/electric and electric/electric
2 to 20 ton heat pump

Up to 14.0 SEER2, 15.5 IEER, and 11.5 EER2

More than 100 field-selectable options to ensure fast and easy installation



The Lennox® CORE Lite Controller and Simple Service features minimize maintenance time



Environ™ coil system maximizes reliability and sustainability*



Improved comfort with the Humiditrol® dehumidification system*



READY WHEN YOU ARE

Engineered for dependability and strategically stocked across North America, Raider delivers a high-quality HVAC replacement—fast. With backward compatibility for one of the industry’s most common footprints, installation is seamless, minimizing downtime and disruption. When it has to be done right, choose Raider.



REPLACEMENT COMPATIBILITY

Designed for flexibility, Raider® rooftop units easily adapt to various applications and offer hassle-free replacement compatibility.

- **Compatible with one of the industry’s most widely used footprints**, eliminating the need for an adaptor curb
- **Lightweight design** eliminates the need for structure analysis and reduces roof load on replacement jobs
- **Utilizes existing utility connections** in many replacement jobs



ON HAND, ON DEMAND

We’ve expanded our manufacturing capacity to ensure emergency replacement rooftop units are readily available.

- **Increased manufacturing capacity** of emergency replacement rooftop units
- **Stocked in 100%** of all Commercial distribution facilities in North America
- **Dedicated local support** focused on quick quote turnaround



ROOF READY

Raider Rooftop units are designed roof ready to quickly fit your application needs. These units come with a range of convenient features that make installation quick and easy.

- **Product line** consisting of 3-12.5 ton gas-electric and electric-electric, and 3-10 ton heat pump models
- **Simplified maintenance** with an accessible gas compartment, compressor access panel and tool-less filter access
- **Full-perimeter base rail** provides greater structural integrity, so the unit is easier to handle when rigging and transporting

RAIDER® HIGHLIGHTS:
3 to 12.5 ton gas/electric, electric/electric
3 to 10 ton heat pump

13.4 SEER2 15.5 IEER, and 11.5 EER2

Compatible with popular curb size, eliminating need for adaptor curb

Save up to \$1,500 per unit on replacement projects**



Environ™ coil system maximizes reliability and sustainability*

*Available on Gas/Electric and Electric/Electric models only.

**\$1,500 savings is calculated in replacement jobs where the Raider unit matches the footprint, eliminating the use of an adaptor curb and moving electrical and plumbing connections.



AVAILABLE ON THE LENNOX® ROOFTOP SERIES

The Lennox® CORE Control System, featuring the innovative CORE Unit Controllers and the intuitive CORE Service App, delivers connected service, open integration, reliable performance, and efficiency optimization of Lennox Rooftop Series units to empower all parts of your organization.



CONNECTED SERVICE

The Lennox® CORE Service App reinvents the service process in the palm of your hand, making setup and service faster than ever before.

- **Guided Setup** with progress indicators, detailed help, and exportable summaries drives simple and trouble-free setup
- **Enhanced Test Functionality** provides real-time sensor readings, trending, and reports that enable easy troubleshooting
- **Multiple Device Support** for Android and iOS phones and tablets lets you experience the Lennox® CORE Service App on your preferred device



OPEN INTEGRATION

The Lennox® CORE Control System empowers customers to choose their building controls, allowing simple or tailored operation.

- **Building Management Integration** through standard network protocols such as BACnet and LonWorks* allows custom monitoring and control while maintaining backwards compatibility with legacy systems
- **Multiple Control Options** such as traditional thermostats, room sensors, and BAS Integration provide operational flexibility now and in the future
- **Device Encryption and Firmware Validation** are engineered to Federal Information Processing Standard 140-2 guidelines



RELIABLE PERFORMANCE

The Lennox® CORE Control System provides key performance indicators and drives unit components simply and reliably.

- **Intelligent Operation** optimizes comfort and unit reliability without complex configuration, saving time and delivering results
- **The Integrated Refrigerant Detection System (RDS)** allows safe and reliable unit operation with R-454B refrigerant
- **Configurable Backup Modes** maintain unit operation and comfort during construction or external building control downtime



EFFICIENCY OPTIMIZATION

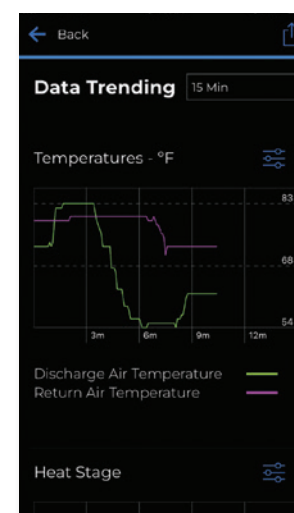
The Lennox® CORE Control System optimizes unit operation in real-time by processing advanced sensor inputs, maximizing energy efficiency and space comfort.

- **Standard Sensor Package** monitors key performance indicators of both the air and refrigeration systems to dynamically adjust system operation
- **System Diagnostics** indicate specific component failures, maximizing unit performance and reducing downtime
- **Configurable Parameters** allow tailored unit operation, enabling optimal comfort and efficiency for every application

THE LENNOX CORE SERVICE APP

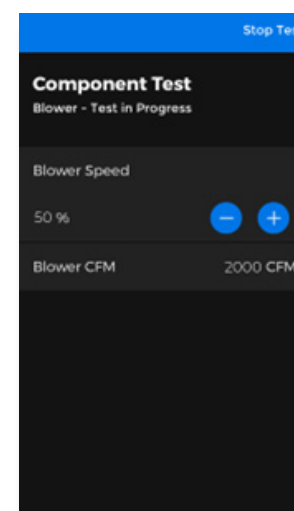
EASY SETUP AND SEAMLESS INTEGRATION

The Lennox® CORE Service App replaces a traditional built-in user interface on the CORE Unit Controller and provides guided setup menus for install, test and balance, and network integration. Reports that detail runtimes and service history can be exported from the app. The app also facilitates seamless commissioning of sensors and networks compatible with the CORE Control System.



REAL-TIME DATA READOUTS

Enhanced test functionality provides real-time sensor readings, trending and reports that enable easy troubleshooting.



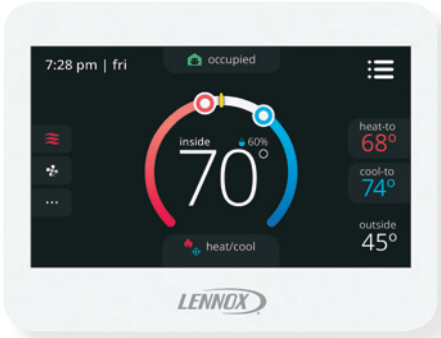
GUIDED SETUP

Guided setup with progress indicators, detailed help and exportable summaries drives simple and trouble-free setup, reducing commissioning times over similar systems.





SENSORS AND THERMOSTATS

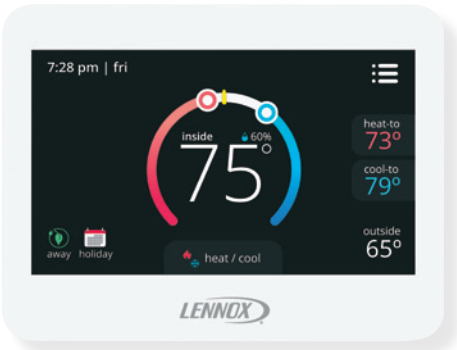


CS8500 COMMERCIAL PROGRAMMABLE COMMUNICATING SENSOR

- Multipurpose communicating sensor designed specifically for commercial applications
- Improved and enhanced features ensure ASHRAE, IECC and FDD compliance
- Full 7-day programmability
- Compatible with Lennox Model L™, Enlight, and L*X Xion rooftop units
- Auto changeover between heating and cooling
- Standard humidity sensor. Optional integrated CO2 sensor
- Simplified installation and service with only four wires
- BACnet® compatibility, through CORE, CORE Lite and Prodigy® 2.0 Unit Controllers allows for simple integration of heating and cooling schedules

CS7500 COMMERCIAL THERMOSTAT

- Backlit 4.3-inch color touchscreen display is easy to read in any light
- Improved and enhanced features ensure ASHRAE, IECC and FDD compliance
- Compatible with Lennox rooftop units, split systems and Humiditrol® dehumidification
- Full 7-day programmability
- Optional display timeout will turn off the display to save energy, hiding setpoint controls and restricting user access



ADVANCED CONTROL,
EXCEPTIONAL EFFICIENCY

Varix™ VRF Systems help you answer increasing expectations for sustainability, energy efficiency and comfort. Combining advanced engineering with intelligent controls that learn from your building’s needs, they continuously optimize performance.



VARIX™ VRF MEANS
SERIOUS ADVANTAGES

- Standard communicating wiring scheme simplifies installation
- Simple maintenance and service
- Energy-efficient operation
- Extremely low sound levels
- Wide range of equipment options to fit any floor plan or application



ACTIVE AI TECHNOLOGIES LEARN AND ADAPT

- Faster heating and cooling by learning usage patterns, piping length and elevation difference to optimize refrigerant pressure
- 40% greater continuous heating time by detecting ice formations and optimizing defrost cycles
- Real-time refrigerant analysis maintains optimal levels, providing alerts if it's too low



EASILY INSTALL, SERVICE AND MAINTAIN

- Convenient service access with single-piece cover design
- Streamlined error diagnosis through one-touch button on printed board assembly
- Safe and simple transport with built-in center of gravity indicator that eases lifting and moving with a crane or forklift
- Multiple voltage options, available in 208/230V, 460V or 575V



MONITOR, MANAGE AND OPTIMIZE WITH
FLEXIBLE SYSTEM CONTROLS

- Versatile options from simple local operation to full integration with building management systems
- Identify savings opportunities with real-time, zone-by-zone energy monitoring
- Quick issue resolution with advanced remote diagnostics

VARIX™ VRF SYSTEMS



Varix™ VRF Heat Pump
and Heat Recovery



Varix™ Extreme Heat Pump
and Heat Recovery



Varix™ Chiller
Heat Pump



Varix™ Mini-VRF Heat Pump



Varix™ Water Heat Pump
and Heat Recovery

INDOOR UNITS



Wall-Mount



Floor Standing Exposed



Floor Standing Concealed



Floor Mount



Ceiling Mount



Hydro Unit



4-Way Cassette 3x3



4-Way Cassette 2x2



One Way Cassette



360 Cassette



Low Static Ducted



Medium Static Ducted



High Static Ducted



Outside Air Ducted



Vertical Air Handlers



Hydro Unit

MODE SELECTION BOXES

Available in six configurations, The mode selection box is key to the Varix system’s zoning and heat recovery. By routing either liquid or discharge gas to each indoor unit, it allows independent heating and cooling in each unit.



1-Port Mode Selection Box



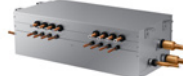
2-Port Mode Selection Box



4-Port Mode Selection Box



6-Port Mode Selection Box



8-Port Mode Selection Box



12-Port Mode Selection Box

CONTROLS

Multiple control options and accessories allow both convenient local operation, along with supporting full integration with building management systems.



Wireless Remote Controller



Touch Screen Wired Controller



Individual Wired Controller



24V Thermostat Adapter



Wi-Fi Adapter



Central Touch
Controller



BacNet Gateway

VRF REVIT® FILES

As part of the expertise and support that come with Lennox VRF, an array of Autodesk Revit® files are available to assist in specification, installation and system design.



LENNOX® POWERED BY SAMSUNG
MINI-SPLIT SYSTEMS BRING
HEATING AND COOLING ANYWHERE
THEY’RE NEEDED.

Not every commercial space is the same—some areas are hard to heat and cool, lack ductwork access, or can’t accommodate large HVAC systems. That’s where Lennox® powered by Samsung mini-split systems come in. With easy installation requiring just one utility connection, these systems provide efficient single- or multi-zone heating and cooling. Featuring advanced inverter technology, quiet operation, and a sleek design, they bring comfort exactly where it’s needed—no matter the challenge



OUTDOOR UNITS



HEAT PUMP UNITS
Single Zone: MWPD009-024, MWHD009-024, MMPD018-048, and 3WPD
Multi Zone: MMPD020-048



LOW AMBIENT HEAT PUMP UNITS
Single Zone: MWLD009-024 and MMLD009-048
Multi Zone: MMLD020-036

INDOOR UNITS



360 Cassette
Non-Ducted Unit



One-Way Cassette
Non-Ducted Unit



4-Way Cassette (3x3)
Non-Ducted Unit



4-Way Cassette (2x2)
Non-Ducted Unit



High-Static
Ducted Unit



Medium-Static
Ducted Unit



Wall-Mount
Non-Ducted Unit



Floor-Mount
Non-Ducted Unit



Vertical Air Handler
Ducted Unit

CONTROLS



Central Touch Controller



24V Thermostat Adapter



BacNet Gateway



Wireless Remote Controller



Individual Wired Controller



Programmable Wired Controller

SUPERIOR ENGINEERING AND DURABLE DESIGN HELP ACHIEVE LOW LIFECYCLE COSTS

AIR CONDITIONERS AND HEAT PUMPS



ELITE[®]
SERIES

**ELITE[®] SERIES ELKC
AIR CONDITIONERS**

- 6 to 20 ton air conditioners
- Up to 15.0 IEER and 11.5 EER
- Two stage cooling for all single circuit system
- 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, 11.3 EER, and 3.4 COP
- Two stage cooling for all single circuit systems
- Three stage cooling for all dual circuit systems

WARRANTY

- 5-Year Limited Warranty on compressor
- 1-Year Limited Warranty on covered components

INDOOR COILS



CK40 INDOOR COILS

- 1.5 to 5 ton capacities
- Factory installed TXV (CHX35)
- Has Up-flow, downflow, and horizontal configurations
- Aluminum-rifled tubing and enhanced aluminum fins improve heat transfer (CHX35)
- New service valves to accommodate braze and braze free connections
- Large face area for high-efficiency operation
- Long-lasting, painted, galvanized cabinet and plastic drain pan
- Minimal air resistance for better performance

WARRANTY

- 1-Year Limited Warranty on covered components

AIR HANDLERS



ELITE[®]
SERIES

**ELITE[®] SERIES ELKA
AIR HANDLERS**

- Designed to match the 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

WARRANTY

- 1-Year Limited Warranty on covered components and units
- 5-Year Limited Warranty on Variable-Frequency Drive (VFD)
- 5-Year Limited Warranty on High Performance Economizers (optional)



CBK48MV AIR HANDLERS

- 1.5 to 5 ton capacities
- 2-part cabinet construction for installation in tight applications
- Slide-out supply fan for quick and easy maintenance
- Variable speed fan motor
- Multiple blower speeds help provide precise comfort control
- Multi-Position capability
- Voltage options — available in 230/1/60
- Electric heat options — available in 230/1/60, 230/3/60
- Lennox® Quantum™ coil all-aluminum evaporator coil

WARRANTY

- 1-Year Limited Warranty on covered components and units



**3-PHASE MERIT ML13KC1/ML17KC2
AIR CONDITIONERS AND ML14KP1
HEAT PUMPS**

- 208/230, 460 and 575V 3 Phase Models
- Comes with the exclusive Quantum® Coil technology to help deliver years of trouble free operation
- Up to 17.1 SEER2 and 7.5 HSPF2
- Louvered-heavy gauge steel panels and cabinets features PermaGuard® to provide superior corrosion resistance
- Operates as quietly as 73 dBA

*Available in AC systems only

- R-454B Refrigerant

EFFICIENCY RATING

Up to 17 SEER2

WARRANTY

- 5-Year Limited Warranty on compressor
- 1-Year Limited Warranty on covered components

C35, CX35 INDOOR COILS

- 1.5 to 5 ton capacities
- Factory installed TXV (CX35)
- Only offered as upflow
- Large face area for high-efficiency operation
- Aluminum-rifled tubing and enhanced aluminum fins improve heat transfer
- Non-corrosive, UV-resistant polymer drain pan with dual drain connections
- Minimal air resistance for better performance

WARRANTY

- 1-Year Limited Warranty on covered components



CBK47UHET AIR HANDLER

- 1.5 to 5 ton capacities
- 3-5 Ton for 460V models
- ECM constant torque blower for efficient operation
- High static performance up to .8" w.c.
- 4 heat/ 2 cool operation
- Dedicated upflow/horizontal configuration with optional downflow kit, field conversion
- 2-part cabinet construction for installation in tight applications
- Excellent match with high-efficiency Elite or Merit 3-5 ton outdoor units
- Easy to remove supply blower for quick and easy maintenance
- Lennox Quantum coil all-aluminum evaporator coil
- Voltage options — available in 230/1/60, 460/1/60
- Electric heat options — available in 230/1/60, 230/3/60, 460/3/60 and 575/3/60

WARRANTY

- 1-Year Limited Warranty on covered components and units



CBK45UH/UHV AIR HANDLERS

- 1.5 to 5 ton capacities
- High-value, economical match for Merit® single phase air conditioners and heat pumps
- Variable-speed ECM blower on UHV model
- Multiple blower speeds help provide precise comfort control
- Dedicated upflow/horizontal configuration with optional downflow kit, field conversion
- High-quality components and design for great reliability and performance
- Voltage and electric heat — available in 230/1/60

WARRANTY

- 1-Year Limited Warranty on covered components and units

FURNACES



SLP99V GAS FURNACES

- 66,000–132,000 Btuh
- 33" design profile
- Modulating heat operation
- Duralok Plus™ Heat Exchanger Assembly
- Upflow/horizontal or dedicated downflow models available
- Sealed blower compartment
- Reliable SureLight® igniter
- Variable speed fan motor
- Low Nox

EFFICIENCY RATING
99% AFUE energy efficiency



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 ignitor
- Duralok™ Plus heat exchanger
- Low NOx

EFFICIENCY RATING
96% AFUE energy efficiency



EL296E/V GAS FURNACES

- 44,000–132,000 Btuh
- 33" design profile
- 2-stage gas heating for improved comfort control
- Sealed blower compartment
- SureLight® Silicon Nitride Ignitor
- V = variable-speed direct-drive motor,
- E = Constant torque variable speed motor

EFFICIENCY RATING
96% AFUE energy efficiency



EL297E/V GAS FURNACES

- 44,000–132,000 Btuh
- 33" design profile
- 2-stage gas heating for improved comfort control
- Upflow/horizontal or dedicated downflow models available
- V = Variable speed fan motor
- E = Constant torque fan motor
- Reliable SureLight® igniter
- Expanded venting options
- Sealed blower compartment
- Duralok Plus™ Heat Exchanger Assembly
- Low Nox

EFFICIENCY RATING
97% AFUE energy efficiency



ML296V GAS FURNACES

- 44,000–110,000 Btuh
- 33" design profile
- 2-stage gas heating for improved comfort control
- Upflow/horizontal or dedicated downflow models available
- Expanded venting options
- Sealed blower compartment
- Reliable SureLight® igniter
- Variable speed fan motor
- Duralok Plus™ Heat Exchanger Assembly
- Low Nox

EFFICIENCY RATING
96% AFUE energy efficiency



ML196E GAS FURNACES

- 30,000–132,000 Btuh
- 33" design profile
- Single stage heating
- Direct or non-direct vent for flexible installation
- Upflow/horizontal or dedicated downflow models available
- Constant torque fan motor
- Reliable SureLight® igniter
- Duralok Plus™ Heat Exchanger Assembly
- Low Nox

EFFICIENCY RATING
96% AFUE energy efficiency



ML193E GAS FURNACES

- 30,000–110,000 Btuh
- 33" design profile
- Direct or non-direct vent for flexible installation
- Single stage heating
- Upflow/horizontal or dedicated downflow models available
- Constant torque fan motor
- Reliable SureLight® igniter
- Duralok Plus™ Heat Exchanger Assembly
- Low Nox

EFFICIENCY RATING
93% AFUE energy efficiency



EL280E GAS FURNACES

- 44,000–110,000 Btuh
- 33" design profile
- 2-stage heating for improved comfort control
- Upflow/horizontal or dedicated downflow models available
- Sealed blower compartment
- Reliable SureLight® igniter
- Constant torque fan motor
- Duralok Plus™ Heat Exchanger Assembly
- Low Nox

EFFICIENCY RATING
80% AFUE energy efficiency



SL280V GAS FURNACES

- 66,000–132,000 Btuh
- 33" design profile
- 2-stage heating for improved comfort control
- Upflow/horizontal or dedicated downflow models available
- Sealed blower compartment
- Variable speed fan motor
- Reliable SureLight® igniter
- Duralok Plus™ Heat Exchanger Assembly
- Low Nox

EFFICIENCY RATING
80% AFUE energy efficiency



ML180V/E GAS FURNACES

- 44,000–132,000 Btuh
- Single stage heating
- 33" design profile
- Upflow/horizontal or dedicated downflow models available
- V = Variable speed fan motor
- E = Constant torque fan motor
- Reliable SureLight® igniter
- Duralok Plus™ Heat Exchanger Assembly

EFFICIENCY RATING
80% AFUE energy efficiency

NOTE:

WARRANTY 10-Year Limited Warranty on heat exchanger 1-Year Limited Warranty on covered components

UNIT HEATERS AND DUCT FURNACES



LS25
SEPARATED COMBUSTION
UNIT HEATERS

- Heating capacities from 30,000-400,000 Btuh
- Ideal for hard-to-heat applications where excessive dust, dirt, humidity or negative pressure is a concern
- Durable tubular heat exchanger
- Hinged door allows easy access to components
- Stainless steel heat exchanger is available for longer product life
- Sidewall venting eliminates roof penetrations
- Self-diagnostic board with LED display improves troubleshooting efficiency and accuracy
- Natural Gas to LPG Conversion Kits Available
- Complies with ASHRAE 90.1
- CSA International certified to ANSI Z83.8

EFFICIENCY RATING
82% Steady State

NOTE:

WARRANTY 15-Year Limited Warranty on stainless steel heat exchanger 10-Year Limited Warranty on aluminized heat exchanger 1-Year Limited Warranty on covered components



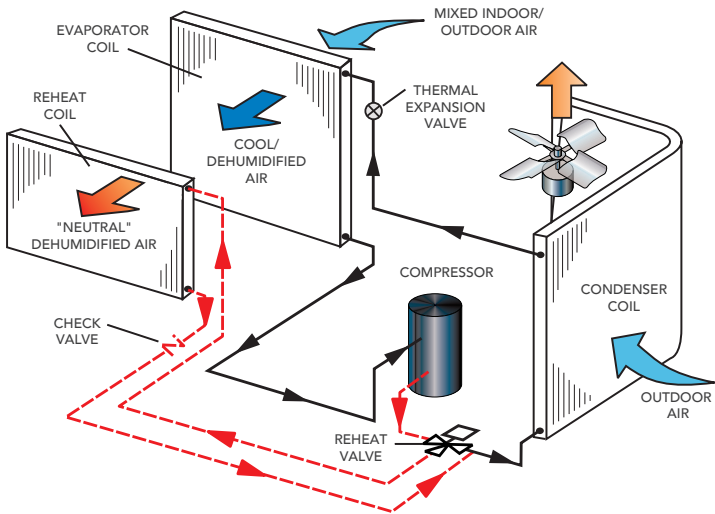
LF25
UNIT HEATERS

- 30,000–400,000 Btuh
- Heating capacities from Compact cabinet design on 30,000-105,000 Btuh models
- Ideal for a wide range of commercial and residential applications
- Stainless steel heat exchanger available on 125,000-400,000 Btuh
- Sidewall venting eliminates roof penetrations
- Self-diagnostic board with LED display improves troubleshooting efficiency and accuracy
- CSA International certified to ANSI Z83.8

EFFICIENCY RATING
Up to 83.8% thermal efficiency

Lennox offers a wide range of superior products to help improve indoor air quality in commercial buildings. Our dehumidification-on-demand design removes moisture based on relative humidity levels—not the temperature—so it’s easy and efficient to create a better indoor environment.

HUMIDITROL HOT GAS REHEAT DIAGRAM



HUMIDITROL DEHUMIDIFICATION SYSTEM FOR LENNOX ROOFTOP UNITS

- Excellent humidity control in the toughest applications such as mild-temperature, high-humidity days
- Allows humidity control independent of cooling
- Meets ASHRAE 62.1-2013 fresh-air requirements
- Humiditrol™+ units utilize variable-speed components to efficiently dehumidify the space without overcooling it



HUMIDITROL DEHUMIDIFICATION SYSTEM FOR SPLIT SYSTEMS

- Precise humidity control for split systems that maintains ASHRAE 62.1-2013 fresh-air requirements
- This secondary coil is installed downstream of the evaporator as a field-installed accessory
- Better control by activating dehumidification cycle based on humidity levels, not temperature
- Patented reheat design helps control the growth of mold, mildew and dust mites for unmatched indoor air quality
- Requires only the addition of the Lennox Smart Wi-Fi Communicating Thermostat* thermostat and Lennox® variable-speed furnace or air handler

*Select units will also require the equipment interface module.

Lennox’s product portfolio meets the needs of today’s new standard for indoor air quality by providing energy efficient ventilation, high efficiency filtration and air purification to keep buildings healthy and efficient.

UVC GERMICIDAL LIGHTS AND FILTERS



UVC GERMICIDAL LIGHTS

- Reduces concentration of mold, bacteria and fungi on coils
- Designed for Model L™, Enlight and Xion™ rooftop units
- Includes complete safety kit
- Helps maintain system heating and cooling efficiency
- Reduces irritants that can affect IAQ
- Available as field-installed kit

Note: Hg-lamps contain mercury. Dispose of properly. Refer to www.lamprecycle.org or call 1-800-9-LENNOX.



DEMAND CONTROL VENTILATION

- Rooftop unit option featuring a carbon dioxide (CO₂) sensor to estimate occupancy
- Modulates ventilation based on occupancy
- Minimizes energy costs while maintaining air quality

VENTILATION



ENERGY RECOVERY SYSTEM

- 300–6,200 CFM
- Available with most rooftop units
- Enthalpy wheel transfers heat and moisture
- AHRI-certified energy recovery wheels
- Patented pivoting wheel option for full economizer operation
- Barometric relief dampers standard
- Balancing dampers standard on fixed-wheel models
- Fully insulated, galvanized cabinet
- ETL-certified
- Energy recovery wheel is segmented for easy cleaning and removal

MERV AIR FILTERS

- High-efficiency air filters available in MERV 8, 13 and 16
- 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

END NOTES

Due to Lennox’ ongoing commitment to quality, all specifications and ratings are subject to change. Not all options and accessories listed for each product are available on all models. Contact your Lennox sales representative for details. For full warranty details, see actual warranty certificate.

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

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LonMark is a registered trademark of the Echelon Corporation.

BACnet is a registered trademark of ASHRAE.

COMPLETE COMMERCIAL CLIMATE SOLUTIONS

Create your ideal building environment with the comprehensive Lennox Commercial portfolio. Each solution is engineered to optimize performance, energy-efficiency, serviceability and environmental impact. From Varix™ VRF Systems working alongside rooftop units to complete custom turnkey solutions, we'll help you find the perfect system for your needs.



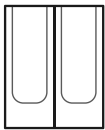
PACKAGED UNITS

Model L™
Enlight
Xion™
Raider®
LRP



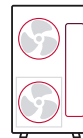
COMMERCIAL CONTROLS

Lennox® CORE Control System
Lennox Commercial Thermostats
and Sensors



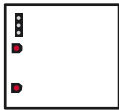
VRF

Outdoor and Indoor Units,
Controls, Accessories



MINI-SPLIT SYSTEMS

Outdoor and Indoor Units,
Controls, Accessories



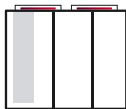
HEATING

Unit Heaters
Furnaces



INDOOR AIR QUALITY

Dehumidification
Filtration
Purification



SPLIT SYSTEMS

Elite® Series Large
Merit® Series Small
Air Handlers
Indoor Coils



Contact us to discuss your project and request
a quote. [Lennox.com/Commercial/Connect](https://www.lennox.com/Commercial/Connect)

