

COMMERCIAL
ROOFTOP UNITS



INDUSTRY-LEADING EFFICIENCY
AND INNOVATION TO MEET YOUR NEEDS





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



AN INDUSTRY-LEADING LINEUP.

Our 2019 rooftop lineup includes the most efficient, lightest and quietest unit in its class: Energence® Ultra-High-Efficiency and Energence-High-Efficiency. We also offer additional models of our Raider® and Landmark® rooftop units that are designed to meet your emergency replacement needs.

Whether you're looking for the best in performance or flexible design configurations, you'll find equipment that exceeds your highest expectations. And because our standards are as exacting as your own, our equipment is built and tested in an award-winning factory to ensure exceptional durability over time.

	ENERGENCE®	LANDMARK®	RAIDER®
Description	Ultra- and high-efficiency product with advanced control system and extensive factory options	Standard- and high-efficiency product with electromechanical control system and moderate factory options	Standard-efficiency product with electromechanical control system and standard factory options
For the customer desiring:	The lowest cost of ownership through exceptional efficiency, unmatched intelligence and unique customization for a broad range of installations	Added value through product flexibility, easy serviceability and efficiency options for a broad range of installations	Immediate value with proven reliability, replacement compatibility and immediate availability for small tonnage applications
Tonnage*	3-50	2-25	3-12.5
Type	G/E, E/E	G/E, E/E, HP	G/E, E/E, HP
Efficiency Level(s)	Ultra or High	High or Standard	Standard
Advanced Prodigy® 2.0 Unit Controller	Yes	—	—
Lowest Total Cost of Ownership **	Lowest	Low	Standard
Factory Options	Extensive selection	Moderate selection	Standard selection
Humidity Control	Humiditrol® option	Humiditrol option	—

*Select tonnages including 3-, 5-, 10-, 20- and 24-ton nominal capacities
**Provides for reduced installation, service, maintenance and utility costs



Featuring intelligent technology, Energence® rooftop units give you a more sophisticated level of performance and control.

The Energence family was designed with the latest innovations to deliver some of the highest commercial rooftop unit efficiency ratings in the industry. The exclusive Prodigy® 2.0 Unit Controller interface provides guided setup, ensuring the most accurate configuration and commissioning in the least amount of time.



EFFICIENT BY DESIGN

The Energence lineup of rooftop units deliver the lowest cost of ownership through their exceptional efficiency and intelligent design.

- **Energy-saving efficiency ratings** of up to 23.5 SEER, 15 EER and 22 IEER for ultra-high-efficiency units.
- **Optional MSAV® supply fan technology** can provide up to 75% fan power savings.
- **Qualifies for energy rebates/incentives**, delivering even more ways to save money.



INTELLIGENT OPERATION

Industry-leading Prodigy® 2.0 Unit Controller delivers enhanced performance, fast and accurate setup and simplified operation.

- **Four-line LCD screen** with simplified user interface and text-based display enables intuitive setup and easy system navigation.
- **Patented SmartWire™ system** allows for efficient unit installation and effective troubleshooting.
- **USB port** allows for the transfer of configuration data between units and communication with the building automation systems (BACnet/LonTalk).



SIMPLE SERVICE

The Simple Service™ system helps ensure ease of installation and maintenance to make every call easier.

- **Accessible gas compartment** allows access to all gas components.
- **Slide-out blower motor** reduces installation time and is easy to service.
- **Isolated compressor** allows performance check while unit is working, without interrupting airflow.

ENERGENCE® HIGHLIGHTS:

3- to 50-ton gas/electric and electric/electric configurations

Up to 23.5 SEER, 22 IEER and 15.0 EER for ultra-high-efficiency units



Prodigy® 2.0 Controller provides fast, accurate setup and simplified operation



Optional MSAV® supply fan technology achieves up to 75% fan power savings



Environ™ Coil System maximizes reliability and sustainability*



Improved comfort with the Humiditrol® dehumidification system*

Extensive factory options and accessories are available



ENERGY STAR® certified units



Financing available through www.lennoxleasing.com

*Available on Energence® high- and standard-efficiency units only.



Reliable and adaptable, Landmark® rooftop units deliver performance marked by flexibility.

Landmark® rooftop units provide a flexible option for a quick replacement or new construction. They offer customizable field configurations, energy options and convenient serviceability. Best of all, they're enhanced with sophisticated technology for high efficiency and reliability.



FLEXIBLE OPTIONS

Landmark units come with a range of customizable options, delivering exceptional application flexibility.

- **100+ field-installed options** tailor units to meet each application's specific needs.
- **Optional MSAV® supply fan** technology meets two-stage airflow requirements for a variety of applications.
- **Humiditrol® dehumidification technology** is now available as an option on Landmark rooftop units. This simple humidity control system delivers an efficient and effective way to remove moisture from the air, making it easy to create a more comfortable and healthier indoor environment.



EASY INSTALLATION

Landmark units come with a range of convenient features, making installation fast and easy.

- **Insulated base** seals the unit to the roof curb without the need for a curb gasket.
- **Single hookup gas connection** eliminates the need for routing gas line inside the unit.
- **Terminal strip** comes standard for easy control.



SIMPLE SERVICE

The Simple Service™ system helps ensure ease of installation and maintenance to make every call easier.

- **Accessible gas compartment** allows access to all gas components.
- **Slide-out blower motor** reduces installation time and is easy to service.
- **Isolated compressor** allows performance check while unit is working, without interrupting airflow.

LANDMARK® HIGHLIGHTS:

2- to 25-ton gas/electric and electric/electric and 2- to 20-ton heat pump configurations

Up to 16.5 SEER, 14.8 IEER and 13.0 EER.

Standard- and high-efficiency units available

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

Available BACnet® integration



Optional MSAV® supply fan technology achieves up to 61% fan power savings



Environ™ Coil System maximizes reliability and sustainability*



Improved comfort with the Humiditrol® dehumidification system*



Available through select Lennox PartsPlus® stores and Lennox® Commercial distribution facilities



Financing available through www.lennoxleasing.com

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



Offering affordable reliability, Raider® rooftop units deliver value without compromise, on every job, every time.

If you're looking for a unit that's built to last, put your confidence in the Raider® rooftop unit. Designed with the replacement market in mind, our expanded Raider rooftop line is compatible with one of the most common footprints, eliminating the need for an adaptor curb.



REPLACEMENT COMPATIBILITY

Raider units are designed to work well in a range of applications and can be installed quickly and efficiently.

- **Compatible with the most widely used footprint in the industry**, eliminating the need for an adaptor curb.
- **Utilizes existing utility connections** in many replacement jobs.



LIGHTWEIGHT DESIGN

Lightweight Raider units are easy to move into place. Once installed, Raider units do not significantly add to the weight-bearing stresses on the building.

- **Environ™ Coil System** is 59% lighter than similar Cu/Al Coil.
- **Lighter weight unit** means there's no need for structure analysis on replacement jobs.
- **Reduces total load on roof.**



SIMPLE SERVICE

The Simple Service™ system helps ensure ease of installation and maintenance to make every call easier.

- **Accessible gas compartment** allows access to all gas components through the side access panel.
- **Compressor access panel** allows easy accessibility to compressor service ports.
- **Toolless filter** access allows quick change-out and service.

RAIDER® HIGHLIGHTS:

3- to 12.5-ton gas/electric and electric/electric and 3- to 10-ton heat pump configurations

14 SEER, 15.0 IEER
and up to 11.7 EER

Over 200 quality checkpoints per unit*

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

Compatible with popular curb size

Stocked at 100% of Lennox® commercial distribution facilities



Optional MSAV® supply fan technology achieves up to 61% fan power savings



Environ™ Coil System maximizes reliability and sustainability ***



Available through select Lennox PartsPlus® stores and Lennox® Commercial distribution facilities



Financing available through www.lennoxleasing.com

*Quality checkpoints per unit are composed of inspections on each component, component verification technology, manufacturing line inspections and final unit testing.

**\$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 Gas/Electric and Electric/Electric models only.



Humiditrol features and benefits.

- Easy to use, integrated dehumidification system that controls humidity independent of temperature
- Effectively reduces the spread of allergens such as mold, mildew and dust mites
- Significantly improves indoor air quality (IAQ) and comfort



MSAV features and benefits

Optional MSAV® supply fan technology easily adapts to changing conditions, delivering year-round savings and optimal comfort. Quiet, efficient, and with an advanced variable-frequency drive, the MSAV supply fan also enhances system performance significantly.



Environ features and benefits

Lennox' Environ™ Coil System uses a series of channels, which allow the coil to operate with significantly less refrigerant—up to 52% less than typical units—without sacrificing cooling performance. This makes the units more environmentally friendly, which may help them qualify for additional LEED® points. The all-aluminum coil is up to 59% lighter, lowering the rooftop unit's weight. Plus, the Environ Coil System is built to avoid damage and stand up to the rigors of everyday use.

LIGHT ROOFTOP UNIT OPTIONS AND ACCESSORIES

	ENERGENCE®	LANDMARK®	RAIDER®
COOLING			
Metering device	TXV	TXV	Fixed Orifice
Freezestats	Standard	Standard	–
High-pressure switch	Standard	Standard	Standard
Low-pressure switch	Standard	–	–
Filter driers	Standard	Standard	Standard
Service valves	Factory	–	–
Corrosion protection	Factory	Factory	Factory
Condensate drain trap	Factory, Field	Field	Field
Drain pan overflow switch	Factory, Field	Field	Field
HEATING			
Bottom gas piping kit	Factory, Field	Field	–
Low-temp vestibule heater	Factory, Field	Field	–
LPG/Propane conversion kit	Field	Field	Field
Stainless steel heat exchanger	Factory	Factory	–
BLOWER/SUPPLY AIR			
MSAV® (Multi-Stage Air Volume)	Factory	Factory	Factory
CAV (Constant Air Volume)	Standard	Standard	Standard
VFD bypass for MSAV	Factory	Field	–
CABINET			
Hinged panels	Standard	Factory	–
Coil guards	Field	Field	Field
Hail guards	Field	Field	Field
CONTROLS			
Prodigy® 2.0 Unit Controller	Standard	–	–
Blower proving switch	Factory, Field	–	–
Dirty filter switch	Factory, Field	–	–
Fresh-air tempering	Factory, Field	–	–
BACnet® module	Factory, Field	Factory, Field	Factory, Field
LonTalk® module	Factory, Field	–	–
Novar ETM-2051	Factory, Field	Factory, Field	–
Novar LSE	Factory	–	–
INDOOR AIR QUALITY			
High-efficiency filters	Factory, Field	Field	–
UVC light	Field	Field	–
Humiditrol® dehumidification system	Factory	Factory	–
Demand control ventilation ready	Standard	–	–
ELECTRICAL			
HACR circuit breakers	Factory	–	–
Phase/voltage detection (CAV)	Factory	–	–
Phase/voltage detection (MSAV)	Standard	Standard	–
Disconnect switch	Factory, Field	Factory, Field	Field
GFI service outlet	Factory, Field	Factory, Field	–
OUTDOOR AIR CONTROLS			
High-performance economizer	Factory, Field	Factory, Field	Factory, Field
Differential enthalpy control	Factory, Field	Field	Field
Sensible control	Factory	Factory	Factory
Single enthalpy control	Factory, Field	Factory, Field	Field
Global control	Factory	–	–
Barometric relief dampers	Factory, Field	Factory, Field	Factory, Field
Motorized outdoor air damper	Factory, Field	Factory, Field	Field
Manual outdoor air damper	Factory, Field	Factory, Field	Field
Power exhaust	Factory, Field	Field	Field

Information is representative of most models for each product line. Not all models will have every standard feature, factory option or field-installed accessory available.

Please consult the Product Specifications (EHB) document for detailed availability.

LonTalk is a registered trademark of the Echelon Corporation.

BACnet is a registered trademark of the American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE).

SOLUTIONS FOR CUSTOMIZED COMFORT

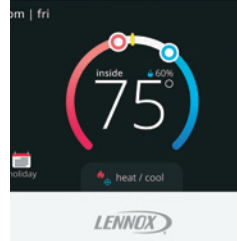
Don't just choose a Lennox product – choose a Lennox® Commercial Comfort System.

These complete packages of HVAC solutions provide tools to create a healthy and comfortable environment.



PACKAGED UNITS

- Energence® Rooftop Units
- Strategos® Rooftop Units
- Landmark® Rooftop Units
- Raider® Rooftop Units
- Accessories



COMMERCIAL CONTROLS

- iCON™ Building Automation System
- Systems Integration Solutions
- Commercial Thermostats



VRF

- Outdoor Units
- Indoor Units
- Controls
- Accessories



MINI-SPLIT SYSTEMS

- Heat Pump Mini-Splits
- Low Ambient Heat Pump Mini-Splits
- Indoor Units
- Controls



HEATING

- Unit Heaters
- Duct Furnaces
- Furnaces



INDOOR AIR QUALITY

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



SPLIT SYSTEMS

- Elite® Series Large Split Systems
- S-Class® Air Conditioners/Heat Pumps
- T-Class™ Air Conditioners/Heat Pumps
- Air Handlers
- Indoor Coils

