REAL COMFORT, REAL CONNECTION, REAL CONTROL
LENNOX® REAL™ MAKES COMFORT EASY AND EFFICIENT.

With Lennox REAL™ you take command of comfort, connection and control in multiple spaces, at different temperatures, regardless of the time of day. Advanced technology, simple installation and superior serviceability. Exactly the solution you would expect from the experts at Lennox.

KEY FEATURES

- Operation down to -13°F in heating
- Sound levels as low as 40 dBA
- Controls versatility with options such as the Lennox M30, E30, or other third party thermostats
- Reuse existing line sets
- 1.5-5 ton single and dual fan heat pump
- Precise temperature control
- Connect up to 9 indoor units
- Compatible with VRF indoor units and conventional indoor units such as Lennox air handlers or furnaces and coils
- Dual Fuel capability

SMALL BUSINESSES

Every office and common area can enjoy its own individual temperature control, and businesses as a whole can realize operational cost savings.

MULTI-FAMILY

Offering multi-zone temperature control that’s efficient and quiet, Lennox REAL™ is also ideally suited for residential homes.

ASSISTED-LIVING FACILITIES

Lennox REAL™ system are compatible, interchangeable and adaptable to meet the needs of assisted-living and wellness facilities.

SERVICE ESTABLISHMENTS

For stores and other point-of-service businesses, Lennox REAL™ can eliminate temperature swings, even as heating and cooling demands change throughout the day.

LENNOX REAL™ PROVIDES REAL CONNECTION

Compatible with VRF and conventional indoor units Lennox REAL™ makes it easy and simple to satisfy any area. Available in 1.5 to 5-ton configurations with options to control more than one indoor unit and as many as nine.

REAL COMFORT

Lennox REAL™ offers high efficiencies up to 19.2 SEER2 and up to 9.5 HSPF2 for REAL comfort.

REAL CONNECTION

In one-to-one applications Lennox REAL™ can be connected directly to a Lennox traditional air handler or furnace and coil for REAL connection.

REAL CONTROL

Lennox REAL™ can be integrated with any Lennox VRF controller or conventional thermostat for REAL control.

SMALL BUSINESSES

Every office and common area can enjoy its own individual temperature control, and businesses as a whole can realize operational cost savings.

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LENNOX REAL™ PERFORMANCE SPECIFICATIONS

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<tr>
<th>HEATING DATA</th>
<th>COOLING DATA</th>
<th>OUTDOOR UNIT PHYSICAL DATA</th>
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<tr>
<td>NOM. TON</td>
<td>OUTDOOR UNIT MODE NUMBER</td>
<td>INDOOR UNIT MODE NUMBER(s)</td>
<td>CAPACITY (BTU/H)</td>
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</table>
**LENNOX MEANS EFFICIENT, FEATURE-RICH EQUIPMENT.**

**LENNOX REAL™ IS NO EXCEPTION.**

Lennox REAL™ outdoor units are designed for efficient performance in even the harshest climates. Indoor units offer multiple installation options, and are engineered to offer higher energy savings. Every component meets or exceeds our exacting standards.

### REAL COMFORT

Inverter technology allows the compressor to adjust its speed based on heating and cooling demand to maximize energy efficiency. Energy consumption can be measured with a third-party pulse meter:
- <GEER2 of up to 19.2
- <HSP2 of up to 9.5

### REAL CONNECTION

Connect to more than one indoor unit and as many as nine including conventional air handlers or furnaces and coils.

### REAL CONTROL

Lennox REAL™ can be integrated with any Lennox VRF controller or conventional thermostat.

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**INDOOR UNITS**

Lennox REAL™ systems include a wide selection of indoor units, each offering a different form factor to accommodate different building designs and construction needs. Every indoor unit contains smart features to increase efficiency and functionality:

- **AUTO RESTART**
  - Restores operation after power failure.

- **AUTO ADDRESSING**
  - Lennox REAL™ systems have the optional ability to automatically assign indoor unit addresses upon startup.

- **DRY MODE**
  - Indoor units operate with greater humidity control and comfort.

- **WASHABLE FILTER**
  - Helps preserve indoor air quality while reducing waste.

- **BUILT-IN DRY CONTACT RELAYS**
  - For controlling 3rd party devices, such as auxiliary heat.

- **PRE-HEAT FUNCTION**
  - Prevents air from circulating during heating mode until the indoor coil has sufficiently warmed.

- **REMOTE ON/OFF**
  - Provides convenience and energy savings.

- **ERROR STATUS**
  - Alerts the user if a fault is detected or maintenance is needed.

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### AUTO SWING LOUVER

Automatically redirects air routed to the left, right or rear.

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### OUTSIDE AIR CONNECTION

Allows ventilation air to be induced directly into the unit.

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**OPTIONAL ELECTRIC HEAT**

- **5 KW, 8 KW, AND 10KW**

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**VHMB WALL MOUNT**

FLEXIBLE INSTALLATION

- Refrigerant piping can be routed to the left, right or rear

- (High Efficiency, DC Motor) Fan functions at three levels: low, medium, high

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**VHIB HIGH-STATIC DUCTED**

HIGH STATIC PRESSURE

- Support external static pressure up to 1”

**LOW PROFILE HEIGHT**

- For space-saving applications

- INTEGRAL CONDENSATE PUMP
  - Removes moisture quickly and conveniently

- ECM MOTOR
  - For maximum energy efficiency

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**VSCA (CASED)**

THREE-STAGE FAN SPEED

- High Efficiency, DC Motor

- Fan functions at three levels: low, medium, high

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**VSEA (EXPOSED)**

THREE-STAGE FAN SPEED

- High Efficiency, DC Motor

- Fan functions at three levels: low, medium, high

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**VWHA WALL HUNG AIR HANDLER**

- ONLY COMPATIBLE WITH LENNOX REAL

- MULTI-SPEED ECM MOTOR
  - For maximum energy efficiency

- ALL ALUMINUM COIL

- OPTIONAL ELECTRIC HEAT
  - 5 KW, 8 KW, AND 10KW

---

**VWMB WALL MOUNT**

FLEXIBLE INSTALLATION

- Refrigerant piping can be routed to the left, right, or rear

- (High Efficiency, DC Motor) Fan functions at three levels: low, medium, high

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**VSEV WALL HUNG VENT**

- BUILT-IN DRY CONTACT RELAYS
  - For maximum comfort control

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  - For maximum comfort control

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**VOSB OUTSIDE AIR DUCT**

DISCHARGE TEMPERATURE CONTROL

- For maximum comfort control

- BUILT IN DRY CONTACT RELAYS
  - Supports 3rd party devices such as pre-heat, dampers, and CO2 sensors

- HIGH STATIC PRESSURE
  - Support external static pressure up to 1”

  **COMPATIBLE WITH HOT GAS REHEAT UNIT**

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**VCB VERTICAL AIR HANDLING UNIT**

- ECM MOTOR
  - For maximum energy efficiency

- MULTI-POSITION
  - Install vertically or in horizontal-right or horizontal-left orientations for maximum flexibility

- OUTSIDE AIR CONNECTION
  - Allows ventilation air to be induced directly into the unit

- INTEGRAL CONDENSATE PUMP
  - Removes moisture quickly and conveniently

- ECM MOTOR
  - For maximum energy efficiency

- Noise levels as low as 29 db

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**VCFS COMPACT 360° CASSETTE**

360° AIR OUTLET

- Provides uniform temperature distribution

- COMPACT CASING
  - Fits directly into a lay-in ceiling grid, while reducing installation space requirements above the ceiling

- INTEGRAL CONDENSATE PUMP
  - Removes moisture quickly and conveniently

- ECM MOTOR
  - For maximum energy efficiency

- A height of only 8.25” (210mm) makes this unit ideal when space above the ceiling is limited

- COMPACT INSTALLATION

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**VWA ONE WAY CASSETTE**

INTEGRAL CONDENSATE PUMP

- Removes moisture quickly and conveniently

- ECM MOTOR
  - For maximum energy efficiency

- Quiet operation

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**VSCB VERTICAL AIR HANDLING UNIT**

- ECM MOTOR
  - For maximum energy efficiency

- MULTI-POSITION
  - Install vertically or in horizontal-right or horizontal-left orientations for maximum flexibility

- OUTSIDE AIR CONNECTION
  - Allows ventilation air to be induced directly into the unit

- INTEGRAL CONDENSATE PUMP
  - Removes moisture quickly and conveniently

- ECM MOTOR
  - For maximum energy efficiency

- Noise levels as low as 29 db
ControLs

Lennox REAL™ equipment is flexible in its comfort control, and its applications. With multiple control options and accessories available, it can be customized to create an ideal environment in every room, in any season. Lennox VRF Controls provide powerful control of Lennox VRF systems with a sleek, intuitive interface. Additionally, Lennox REAL™ can be integrated with any conventional thermostat such as the Lennox iComfort E30 or M30 Smart Thermostats.

Lennox M30 Smart Thermostat
VOCTRL15P-1
• Wi-Fi-enabled universal smart thermostat
• Feels Like Temperature
• One-Touch Away Mode
• Remote diagnostics and troubleshooting capabilities
• Compatible with Lennox REAL™

VRF Wi-Fi Controller
F1943L-3P
• 4” color IPS touch screen
• Wi-Fi connectivity
• Remote operation via mobile app
• Schedule by time and days of the week
• Lockable UI
• Operation mode: cool/heat/auto/fan

LVM Centralized Controller
VOCTRL15P-1
• Centralized monitoring and control for up to 320 systems, or a maximum of 960 outdoor units and 2,560 indoor units.
• Available in 15-inch touchscreen
• Standard with web access
• Energy monitoring to see the exact price by kilowatt-hour (kWh) by indoor unit/zone or group

Programmable Wired Controller
VOSTATS1P
• Built-in occupancy sensor with options for setback
• Built-in humidity sensor with humidity control options for maximum comfort control
• Auto-detects indoor unit model and capacity
• Daily, 5+2, 5+1+1, 7-day, and customer holiday programming options

Simple Wired Controller
VOSTATS4P
• Easy-to-read backlit display for setpoint and room temperature
• Control up to 16 indoor units from a single controller
• View sensor readings, EXV position, and system codes

Wireless Remote Controller
VOSTATS2P
• Control setpoint, fan speed, mode, and louver swing
• Configurable for fahrenheit or celsius
• Easy-to-read backlit LCD display

System Accessories

Lennox REAL™ outdoor and indoor units are available with a variety of optional accessories that offer added application flexibility, along with greater efficiency and functionality.

Lennox REAL™ Hail Guards
V8GARD11S11
V8GARD11S12

Y-Branch Units (Indoor and Outdoor)
V8IDBP*/V8ODBP**

Header Kit
V8HDRK**

Tools and Resources

When you select Lennox REAL™, you’re choosing technology backed by expertise. Lennox HVAC professionals understand the challenges faced by engineers and contractors in designing and specifying a heating and cooling system, which is why we offer resources to help with every job.

Lennox VRF & Mini-Splits Mobile Application

Available on iTunes and Google Play, the Lennox VRF & Mini-Splits app puts invaluable resources right at your fingertips to simplify installation and operation:
• Help videos
• Document library
• Refrigerant charge calculator
• Error code lookup
• Quick reference guide
• Pipe specifications and limitations

Lennox VRF Selection Software

Simple drag-and-drop functionality makes it possible to view different outdoor and indoor equipment in CAD-based building plans prior to ordering and installation:
• Built-in limitations to ensure selections are consistent with piping rules, connection ratios and other application considerations
• Ability to export selections to Microsoft Word or Excel formats

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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
• Model L® Rooftop Units
• Enlight Rooftop Units
• Xion™ Rooftop Units
• Raider® Rooftop Units
• Energence® Rooftop Units

COMMERCIAL CONTROLS
• Lennox® CORE Control System
• Prodigy® Control System
• Lennox Commercial Thermostats and Sensors

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
• Humiditrol® Dehumidification System
• Demand Control Ventilation
• High Efficiency MERV Filters
• UVC Lamps
• Needle Point Bipolar Ionizers

SPLIT SYSTEMS
• Elite® Series Large and Small Split Systems
• Merit® Series Small Split Systems
• Air Handlers
• Indoor Coils

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