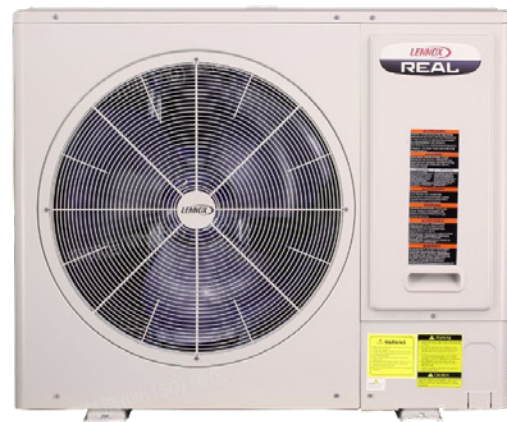


LENNOX REAL



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, inter-changeable 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.

LENNOX REAL™ PERFORMANCE SPECIFICATIONS

NOM. TON	OUTDOOR UNIT MODE NUMBER	INDOOR UNIT MODE NUMBER(S)	COOLING DATA			HEATING DATA		OUTDOOR UNIT PHYSICAL DATA		OPERATION DATA	
			CAPACITY (BTU/H)	SEER2	EER2	CAPACITY (BTU/H)	HSPF2	DIMENSIONS H X W X L (IN.)	NET WT. (LBS.)	HEATING (°F)	COOLING (°F)
1.5	VPC018H4M-3P	CBA25UHV-018	18,000	17.4	12.0	18,000	7.6	34 x 41 x 20-5/8	170	-13°F to 80°F	5°F to 118°F
1.5	VPC018H4M-3P	CX35-24B-6F+ ML296UH045XV36B	18,000	16.2	12.0	18,000	7.5	34 x 41 x 20-5/8	170		
2	VPC024H4M-3P	CBA25UHV-024	24,000	16.2	11.5	23,800	7.5	34 x 41 x 20-5/8	170		
2	VPC024H4M-3P	CX35-24B-6F+ ML296UH045XV36B	24,000	16.8	11.2	24,000	7.5	34 x 41 x 20-5/8	170		
3	VPC036H4M-3PD	CBA25UHV-036	36,000	16.6	10.7	36,000	7.5	52-1/4 x 36 x 15-3/4	212		
3	VPC036H4M-3PD	CX35-36B-6F+ ML296UH070XV36B	36,000	15.4	10.5	36,000	7.5	52-1/4 x 36 x 15-3/4	212		
4	VPC048H4M-3P	CBA25UHV-048	48,000	17.0	10.0	48,000	7.9	52-1/4 x 36 x 15-3/4	212		
4	VPC048H4M-3P	CX35-48C-6F+ ML296UH090XV48C	47,000	16.0	9.5	48,000	7.5	52-1/4 x 36 x 15-3/4	212		
5	VPC060H4M-3P	CBA25UHV-060	55,000	15.2	8.0	56,500	7.8	52-1/4 x 36 x 15-3/4	212		
5	VPC060H4M-3P	CX35-50/60C-6F+ ML296UH110XV60C	54,000	15.6	8.0	57,000	7.5	52-1/4 x 36 x 15-3/4	212		

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.

- SEER2 of up to 19.2
- HSPF2 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.

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 auxillary heat.

PRE-HEAT FUNCTION

Prevents air from circulating during heating mode until the indoor coil has sufficiently warmed.

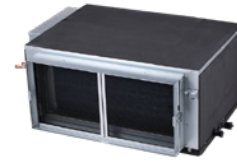
REMOTE ON/OFF

Provides convenience and energy savings.

ERROR STATUS

Alerts the user if a fault is detected or maintenance is needed.

DUCTED INDOOR UNITS



VHIB HIGH-STATIC DUCTED

HIGH STATIC PRESSURE

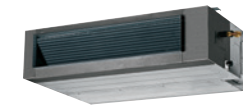
Support external static pressure up to 1"

LOW PROFILE HEIGHT

For space-saving applications

OPTIONAL CONDENSATE PUMP

Removes moisture quickly and conveniently



VMDB MEDIUM-STATIC DUCTED

COMPACT INSTALLATION

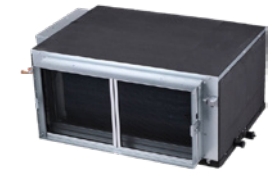
A height of only 8.25" (210mm) makes this unit ideal when space above the ceiling is limited

INTEGRAL CONDENSATE PUMP

Removes moisture quickly and conveniently

ECM MOTOR

For maximum energy efficiency



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



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 L



VVCB 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

OPTIONAL ELECTRIC HEAT

Up to 20kW

DUCTLESS INDOOR UNITS



VWMB WALL MOUNT

FLEXIBLE INSTALLATION

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

AUTO-SWING LOUVER

Automatically redirects air based on mode selected

QUIET OPERATION

Noise levels as low as 29 dB



V22B 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



V33B 360° CASSETTE

360° AIR OUTLET

Provides uniform temperature distribution

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



VOWA ONE WAY CASSETTE

INTEGRAL CONDENSATE PUMP

Removes moisture quickly and conveniently

ECM MOTOR

For maximum energy efficiency

QUIET OPERATION

Noise levels as low as 29 db



VCFB CEILING AND FLOOR MOUNT

FLEXIBLE INSTALLATION

Installs either vertically or horizontally

VERTICAL AND HORIZONTAL AUTO SWING

Ensures better airflow distribution

COMPACT I NSTALLATION

Less than 8.5" (216mm) in height



VSCA (CASED)

THREE-STAGE FAN SPEED

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

FLARE CONNECTIONS

Equipped with liquid and gas flare fittings for quick and secure piping



VSEA (EXPOSED)

THREE-STAGE FAN SPEED

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

FLARE CONNECTIONS

Equipped with liquid and gas flare fittings for quick and secure piping

CONTROLS

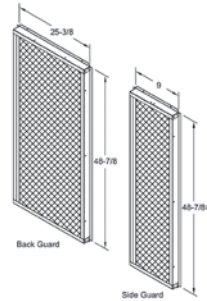

Lennox REAL™ equipment is flexible in its comfort control, and its applications. With multiple control options and accessories available, it can be customized to create an ideal environment in every room, in any season. Lennox VRF Controls provide powerful control of Lennox VRF systems with a sleek,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

	
<p>LENNOX M30 SMART THERMOSTAT VOCTRL15P-1</p> <ul style="list-style-type: none"> • Wi-Fi-enabled universal smart thermostat • Feels Like Temperature • One-Touch Away Mode • Remote diagnostics and troubleshooting capabilities • Compatible with Lennox REAL™ 	<p>VRF WI-FI CONTROLLER F1943L-3P</p> <ul style="list-style-type: none"> • 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
	
<p>LVM CENTRALIZED CONTROLLER VOCTRL15P-1</p> <ul style="list-style-type: none"> • 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 	<p>PROGRAMMABLE WIRED CONTROLLER VOSTAT51P</p> <ul style="list-style-type: none"> • 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
	
<p>SIMPLE WIRED CONTROLLER VOSTAT54P</p> <ul style="list-style-type: none"> • 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 	<p>WIRELESS REMOTE CONTROLLER VOSTAT52P</p> <ul style="list-style-type: none"> • Control setpoint, fan speed, mode, and louver swing • Configurable for Fahrenheit or Celsius • Easy-to-read backlit LCD display

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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.

 <p>LENNOX REAL™ HAIL GUARDS V8GARD11S11 V8GARD11S12</p>	 <p>Y-BRANCH UNITS (INDOOR AND OUTDOOR) V80DBP**/V81DBP**</p>	 <p>HEADER KIT V8HDRK**</p>
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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:

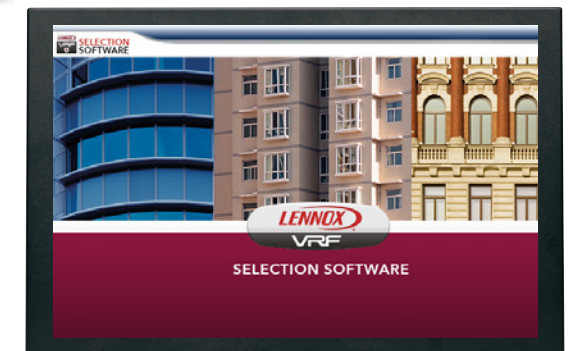
- Help videos
- Document library
- Refrigerant charge calculator
- Error code lookup
- Quick reference guide
- Pipe specifications and limitations



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



SOLUTIONS FOR CUSTOMIZED COMFORT

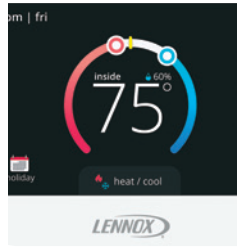
Don't just choose a Lennox product—choose a Lennox® Commercial Comfort System.

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
- Emergence® 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

