

**RAIDER®**

LENNOX RAIDER®  
**ROOFTOP UNITS**



VALUE WITHOUT COMPROMISE.

**LENNOX**

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



## LENNOX RAIDER® ROOFTOP UNITS

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 adapter curb.



**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, eliminating need for adaptor curb

Stocked at 100% of Lennox® Commercial distribution facilities



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



**REPLACEMENT COMPATIBILITY**

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

- **Compatible with one of the industry's most widely used footprints**, 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.

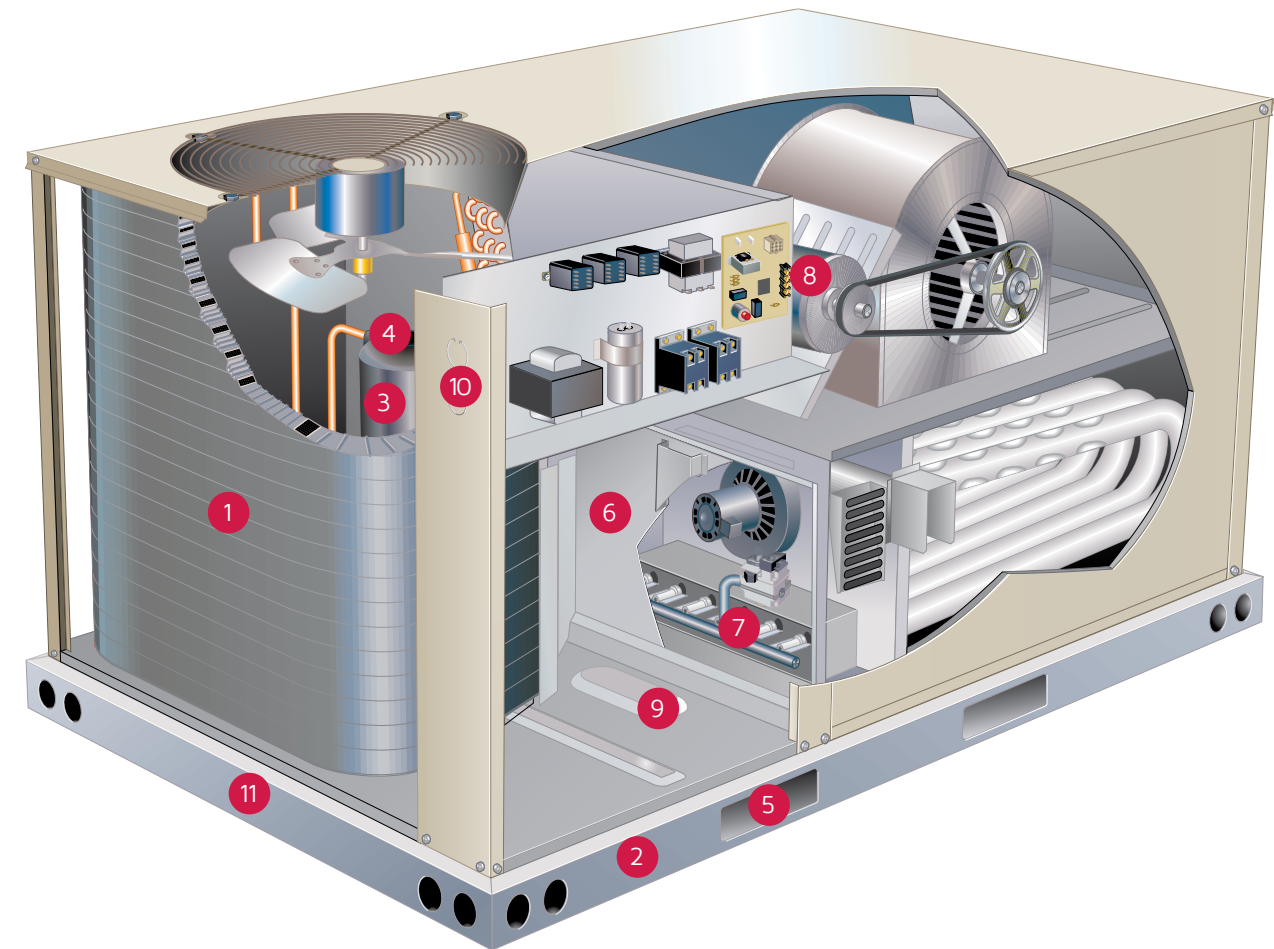
- **Environ™ Coil System** is 59% lighter than similar Cu/Al coils.
- **Lighter-weight unit** means there's no need for structure analysis on replacement jobs.
- **Reduces total load on roof.**



**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 side access panel.
- **Compressor access panel** allows easy accessibility to compressor service ports.
- **Toolless filter** access allows quick change-out and service.



**1 Environ coil system** uses up to 52% less refrigerant, is up to 59% lighter and has up to 20% fewer brazed joints than typical units.

**2 Full-perimeter base rail** provides greater structural integrity, so the unit is easier to handle when rigging and transporting.

**3 Scroll compressor** standard on all units for reliable, long-term operation.

**4 High-pressure switch** Improves reliability by safeguarding compressor from extreme operating conditions.

**5 Fork slots on three sides** make it easy to pick up and transport units from almost any angle.

**6 Large gas access panel** provides easy access to all gas components.

**7 Additional gas heating tubes** allow lower temperatures per burner for increased reliability, while providing the same heating comfort.

**8 MSAV supply fan** achieves a higher level of energy savings and comfort control with blower speed modulation (standard on 6- to 12.5-ton models).

**9 Power entry** electrical lines can be brought through the unit base or horizontal access knock-outs for fast, easy installation.

**10 Electrical connections** match existing connections on many popular models, making replacement easier.

**11 Unit footprint** is compatible with 20+ years of existing units, eliminating the cost of an adaptor curb in many replacement jobs.

**Toolless filter panel** allows easy replacement of filters without the need for tools (not shown).



\*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.

Raider® commercial packaged rooftop unit performance specifications

|  | NOM TON. | MODEL       | COOLING DATA |                       | HEATING INPUT |         |      |                            | PHYSICAL DATA   |              |       |
|--|----------|-------------|--------------|-----------------------|---------------|---------|------|----------------------------|-----------------|--------------|-------|
|  |          |             | EER (EER2*)  | SEER (SEER2*) OR IEER | STD.          | MED.    | HIGH | DIMENSIONS H X W X L [IN.] | SHIP WT. [LBS.] |              |       |
| GAS/ELECTRIC UNITS   | 3        | ZGB036S4B/E | 11.7 (10.6)  | 14.0 (13.4)           | 65            | 108     | -    |                            | 37 x 48 x 76    | 529          |       |
|  | 4        | ZGB048S4B/E | 11.0 (10.6)  | 14.0 (13.4)           | 65            | 108     | 150  |                            | 37 x 48 x 76    | 538          |       |
|  | 5        | ZGB060S4B/E | 11.0 (10.6)  | 14.0 (13.4)           | 65            | 108     | 150  |                            | 45 x 48 x 76    | 597          |       |
|  | 6        | ZGB074S4T   | 11.0         | 15.0                  | 65            | 108     | 150  |                            | 45 x 48 x 76    | 645          |       |
|  | 7.5      | ZGC092S4M   | 11.0         | 14.6                  | 130           | 180     | 240  |                            | 49 x 61 x 96    | 1,007        |       |
|  | 8.5      | ZGC102S4M   | 11.0         | 14.6                  | 130           | 180     | 240  |                            | 49 x 61 x 96    | 1,007        |       |
|  | 10       | ZGC120S4M   | 11.0         | 14.6                  | 130           | 180     | 240  |                            | 49 x 61 x 96    | 1,047        |       |
|  | 12.5     | ZGC150S4M   | 10.8         | 14.0                  | 130           | 180     | 240  |                            | 49 x 61 x 96    | 1,137        |       |
| <b>KW RANGE*</b>   |          |             |              |                       |               |         |      |                            |                 |              |       |
| ELECTRIC/ELECTRIC UNITS  | 3        | ZCB036S4B   | 11.7 (10.6)  | 14.0 (13.4)           | 5             | 7.5     | 10   | 15                         | -               | 37 x 48 x 76 | 479   |
|  | 4        | ZCB048S4B   | 11.2 (10.6)  | 14.0 (13.4)           | 5             | 7.5     | 10   | 15                         | 22.5            | 37 x 48 x 76 | 488   |
|  | 5        | ZCB060S4B   | 11.2 (10.6)  | 14.0 (13.4)           | 5             | 7.5     | 10   | 15                         | 22.5            | 45 x 48 x 76 | 573   |
|  | 6        | ZCB074S4T   | 11.2         | 15.0                  | 7.5           | 10      | 15   | 22.5                       | 30              | 45 x 48 x 76 | 573   |
|  | 7.5      | ZCC092S4M   | 11.2         | 14.8                  | 7.5           | 15      | 22.5 | 30                         | 45              | 49 x 61 x 96 | 959   |
|  | 8.5      | ZCC102S4M   | 11.2         | 14.8                  | 7.5           | 15      | 22.5 | 30                         | 45              | 49 x 61 x 96 | 959   |
|  | 10       | ZCC120S4M   | 11.2         | 14.8                  | 15            | 22.5    | 30   | 45                         | 60              | 49 x 61 x 96 | 999   |
|  | 12.5     | ZCC150S4M   | 11.0         | 14.2                  | 15            | 22.5    | 30   | 45                         | 60              | 49 x 61 x 96 | 1,089 |
| <b>HSPF (HSPF2*)    47 CAP.    COP 47    17 CAP.    COP 17</b> |          |             |              |                       |               |         |      |                            |                 |              |       |
| HEAT PUMP UNITS  | 3        | ZHB036S4B   | 11.4 (10.6)  | 14.0 (13.4)           | 8.0 (6.7)     | 34,200  | 3.5  | 20,000                     | 2.2             | 45 x 48 x 76 | 585   |
|  | 4        | ZHB048S4B   | 11.2 (10.6)  | 14.0 (13.4)           | 8.0 (6.7)     | 45,000  | 3.5  | 26,100                     | 2.2             | 45 x 48 x 76 | 590   |
|  | 5        | ZHB060S4B   | 11.2 (10.6)  | 14.0 (13.4)           | 8.0 (6.7)     | 55,000  | 3.6  | 32,500                     | 2.25            | 45 x 48 x 76 | 615   |
|  | 7.5      | ZHC092S4M   | 11.0         | 14.1                  | -             | 89,000  | 3.4  | 53,000                     | 2.25            | 49 x 61 x 96 | 1,153 |
|  | 8.5      | ZHC102S4M   | 11.0         | 14.1                  | -             | 100,000 | 3.4  | 55,000                     | 2.25            | 49 x 61 x 96 | 1,153 |
|  | 10       | ZHC120S4M   | 10.7         | 14.1                  | -             | 116,000 | 3.4  | 70,000                     | 2.25            | 49 x 61 x 96 | 1,211 |

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

\*Single phase equipment only



Rapid Replacement® means Raider rooftop units right now

The Raider® packaged rooftop unit is a brilliant example of the kind of thinking Lennox puts into commercial heating and cooling. The Rapid Replacement® program makes every Raider unit an even smarter solution by putting it right where you need it, right when you need it, with just a phone call. Rapid Replacement is your immediate connection for dependable, hardworking commercial equipment from Lennox, backed by the expertise and professionalism of dedicated service personnel committed to your success.



Get what you need, when you need it with Rapid Replacement

Raider rooftop units are kept in stock at Lennox distribution facilities and select Lennox Stores® around the country. A wide array of products are available for pick up at many Lennox locations the same day they are ordered, including commercial parts, split systems, unit heaters, packaged rooftop units and residential products. Also, for your convenience, commercial product, including Raider and Landmark® rooftop units, can be shipped the same day for most customers.

Help is here

Rapid Replacement representatives are standing by on our hotline any time you need them. They'll help you find exactly the right equipment for the job, and give you a quote in just minutes.

Compatible footprints available

Raider rooftop units' compatibility with the most popular curb sizes means that when you call Rapid Replacement, you get a solution that fits.

A full range of options

When you choose Raider rooftop units through Rapid Replacement, you'll be able to help a lot of customers. Raider is available in the most popular and versatile tonnages, including 3-, 5-, 6-, 7.5- and 10-ton sizes.

Energy savings

Raider units offer up to 14.0 SEER, 15.0 IEER and 11.7 EER efficiency.



Find solutions instantly using [LennoxPROS.com](http://LennoxPROS.com) or call 1.877.792.0024

# 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

