

# RAIDER<sup>®</sup>

Value Without Compromise<sup>®</sup>

## Commercial Packaged Rooftop Units 3- to 12.5-Ton ZC/ZG/ZH Models

14.0 SEER, UP TO 11.7 EER  
AND 15.0 IEER



**LENNOX**<sup>®</sup>  
*Innovation never felt so good.<sup>®</sup>*

# Value Without Compromise®

Lennox has carefully crafted the Raider® rooftop unit line to deliver on quality and convenience, making it a perfect solution for a variety of replacement jobs. Built in the award-winning Lennox factory and thoroughly tested for reliable performance, units are available in 3- to 12.5-ton gas/electric, electric/electric and 3- to 10-ton heat pump models. All Raider units are designed to be compatible with multiple replacement installations and fit with the most popular curb sizes currently in use. And best of all—available when you need them.

## **RAIDER® ROOFTOP UNITS AT A GLANCE:**

*3- to 12.5-ton gas/electric,  
electric/electric  
3- to 10-ton heat pump*

*Over 200 quality  
checkpoints per unit*

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

*Compatible with popular curb size,  
eliminating need for adaptor curb*

*Same day or next day shipping for  
most of the U.S. and Canada*

## **EFFICIENCY RATING**

*14.0 SEER, up to 11.7 EER  
and 15.0 IEER*

## **WARRANTIES**

**10-Year Limited Warranty**  
*on aluminized gas heat exchanger*

**5-Year Limited Warranty**  
*on compressor*

**3-Year Limited Warranty**  
*on Environ™ coil system*

**1-Year Limited Warranty**  
*on covered components*

*See warranty certificate for actual details.*

## **Replacement compatibility**

Because they use the most popular footprints in the light commercial industry, Raider units can eliminate the need for an adaptor curb and utilize existing utility connections in many replacement jobs. This means easier installation and savings up to \$1,500 per unit.\* In addition, Raider units are fully stocked in our distribution network, giving you a readily available replacement product that can help reduce installation time.

## **Proven reliability**

Built in Lennox' award-winning facility, every Raider rooftop unit uses quality materials in construction. Furthermore, every Raider unit undergoes careful component verification, a minimum 200-point quality check and a rigorous run-testing regimen before leaving the factory. Extensive leak testing is performed on coils to ensure integrity before shipping. As a result, the Raider rooftop unit offers years of dependable service and trouble-free operation.

## **The replacement for the industry's most common footprint**

The Raider rooftop product line has expanded, now offering an even greater range of quality replacement products. With the addition of the new 6-ton heat pump, our family of Raider rooftop units now includes a full selection of 3- to 12.5-ton gas/electric, electric/electric and 3- to 10-ton heat pump models. Raider units are up to 18% lighter than competitive units, not only eliminating additional structural engineering costs, but also making the units easier to lift and move. Additionally, Raider rooftop units have optional BACnet integration and can be configured with an MSAV® supply fan,\*\* providing an ideal solution for a variety of replacement applications.



\*\$1,500 savings is calculated in replacement jobs where the Raider unit matches the footprint, eliminating the need for an adaptor curb, any plumbing, electrical and/or structural engineering costs.

\*\*MSAV (Multi-Stage Air Volume) supply fan available on 6- to 12.5-ton units.

# 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 making 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 PartsPlus® 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, 11.7 EER and 15.0 IEER efficiency.



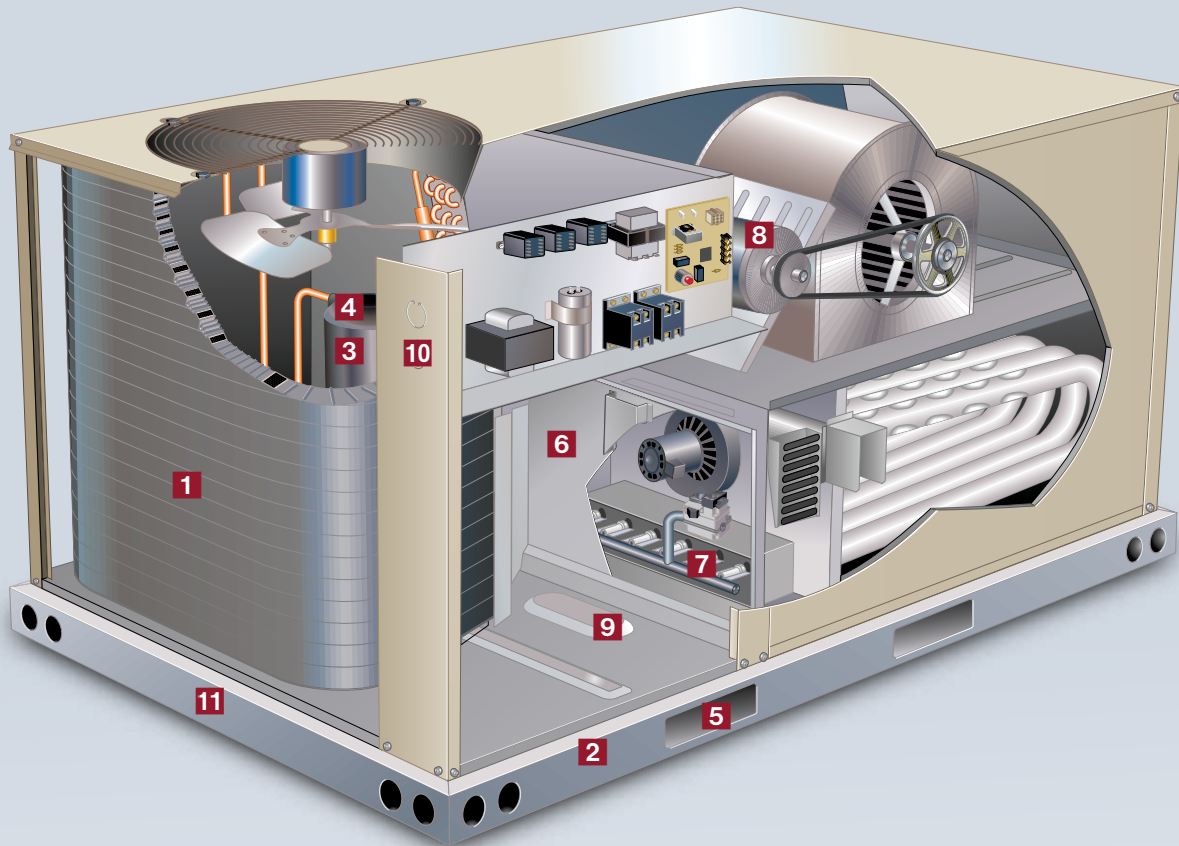
*Find solutions instantly using Commercial Quick Quote through [LennoxPROS.com](http://LennoxPROS.com) or call 1.877.792.0024*

## Rapid Replacement Rewards

Building owners aren't the only ones who benefit from the immediate availability and convenience of the Lennox Rapid Replacement program. With every eligible Lennox equipment purchase, contractors and dealers can receive cash back when orders are placed through the Rapid Replacement hotline.

***Visit [LennoxRapidReplacement.com](http://LennoxRapidReplacement.com) to learn more and sign up for the Rapid Replacement Program.***

# RAIDER®



## Quality components built for performance

- 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 rooftop units.
- 2 Full-Perimeter Base Rail:** Provides greater structural integrity, so the unit is easier to handle when rigging and transporting.
- 3 High-Pressure Switch:** Improves reliability by safeguarding compressor from extreme operating conditions.
- 4 Scroll Compressor:** Standard on all units for reliable long-term operation.
- 5 Fork Slots on Three Sides:** 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 (factory option 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:** 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).



# Raider commercial packaged rooftop unit performance specifications

			COOLING DATA		HEATING INPUT					PHYSICAL DATA	
	NOM TON.	MODEL	EER	SEER OR IEER	LOW	STD.	MED.	HIGH	DIMENSIONS H X W X L [IN.]	SHIP WT. [LBS.]	
GAS/ELECTRIC UNITS	3	ZGA036S4B	11.5	13.0	–	65	108	–	37 x 47 x 76	489	
	3	ZGB036S4B	11.7	14.0	–	65	108	–	37 x 47 x 76	529	
	4	ZGA048S4B	10.6	13.0	–	65	108	150	37 x 47 x 76	503	
	4	ZGB048S4B	11.2	14.0	–	65	108	150	37 x 47 x 76	538	
	5	ZGA060S4B	10.7	13.0	–	65	108	150	37 x 47 x 76	535	
	5	ZGB060S4B	11.2	14.0	–	65	108	150	45 x 47 x 76	597	
	6	ZGA072S4B	11.2	12.0	–	65	108	150	45 x 47 x 76	645	
	6	ZGB074S4T	11.2	15.0	–	65	108	150	45 x 47 x 76	645	
	7.5	ZGA092S4B/M	11.0	11.8/13.0	–	130	180	240	49 x 61 x 96	987	
	8.5	ZGA102S4B/M	11.0	11.8/13.0	–	130	180	240	49 x 61 x 96	1,007	
	10	ZGA120S4B/M	11.0	11.8/13.0	–	130	180	240	49 x 61 x 96	1,047	
	12.5	ZGA150S4B/M	10.8	11.4/12.0	–	130	180	240	49 x 61 x 96	1,137	
					KW RANGE*						
ELECTRIC/ELECTRIC UNITS	3	ZCA036S4B	11.5	13.0	5	7.5	10	15	–	37 x 47 x 76	456
	3	ZCB036S4B	11.7	14.0	5	7.5	10	15	–	37 x 47 x 76	479
	4	ZCA048S4B	10.6	13.0	5	7.5	10	15	22.5	37 x 47 x 76	470
	4	ZCB048S4B	11.2	14.0	5	7.5	10	15	22.5	37 x 47 x 76	488
	5	ZCA060S4B	10.7	13.0	5	7.5	10	15	22.5	37 x 47 x 76	502
	5	ZCB060S4B	11.2	14.0	5	7.5	10	15	22.5	45 x 47 x 76	573
	6	ZCA072S4B	11.2	12.0	7.5	10	15	22.5	30	45 x 47 x 76	573
	6	ZCB074S4T	11.2	15.0	7.5	10	15	22.5	30	45 x 47 x 76	573
	7.5	ZCA092S4B/M	11.2	12.0/13.2	7.5	15	22.5	30	45	49 x 61 x 96	939
	8.5	ZCA102S4B/M	11.2	12.0/13.2	7.5	15	22.5	30	45	49 x 61 x 96	959
	10	ZCA120S4B/M	11.2	12.0/13.2	15	22.5	30	45	60	49 x 61 x 96	999
	12.5	ZCA150S4B/M	11.0	11.6/12.2	15	22.5	30	45	60	49 x 61 x 96	1,089
					47 CAP.	HSPF/COP 47	17 CAP.	COP 17			
HEAT PUMP UNITS	3	ZHA036S4B	11.3	13.0	34,200	7.7/3.42	20,400	2.18	37 x 47 x 76	535	
	3	ZHB036S4B	11.4	14.0	34,200	8.0/3.50	20,000	2.2	45 x 47 x 76	585	
	4	ZHA048S4B	10.8	13.0	45,000	7.7/3.40	27,400	2.24	37 x 47 x 76	544	
	4	ZHB048S4B	11.2	14.0	45,000	8.0/3.50	26,100	2.2	45 x 47 x 76	590	
	5	ZHA060S4B	10.9	13.0	58,500	7.7/3.50	33,400	2.20	45 x 47 x 76	590	
	5	ZHB060S4B	11.2	14.0	55,000	8.0/3.60	32,500	2.25	45 x 47 x 76	615	
	6	ZHB072S4B	11.0	12.2	70,000	3.3	40,000	2.25	45 x 47 x 86	715	
	7.5	ZHA092S4B/M	11.0	12.2/12.5	89,000	3.3	53,000	2.25	49 x 61 x 96	1,121	
	8.5	ZHA102S4B/M	11.0	12.2/12.5	100,000	3.3	55,000	2.25	49 x 61 x 96	1,153	
	10	ZHA120S4B/M	10.7	11.3/12.5	116,000	3.3	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.



## Raider units win on curb appeal

Raider rooftop units were selected as a Silver Award winner in the 2013 ACHR News Dealer Design Awards by an independent panel of contractors.



# 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



## Commercial Controls

- Systems Integration Solutions
- Commercial Thermostats
- L Connection® Network



## VRF

- Outdoor Units
- Indoor Units
- Controls



## Mini-Split Systems

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



## Split Systems

- S-Class® Air Conditioners/Heat Pumps
- T-Class™ Air Conditioners/Heat Pumps
- Air Handlers
- Indoor Coils



## Solar Ready

- SunSource® Commercial Energy System



## Heating

- Unit Heaters
- Duct Furnaces
- Furnaces



## Indoor Air Quality

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



# LENNOX

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