

Z-SERIES™

DESIGNED TO FIT. FAST.

COMMERCIAL PACKAGED ROOFTOP UNITS
3- TO 12.5-TON ZC/ZG/ZH MODELS

UP TO 14.0 SEER,
UP TO 11.7 EER
AND 15.0 IEER



ALLIED™
Commercial

DESIGNED TO FIT. FAST.™

The Z-Series™ delivers both value and flexibility, with proven performance. Available in 3- to 12.5-ton gas/electric, electric/electric and up to 10-ton heat pump models, Z-Series rooftop units are compatible with many replacement jobs and fit one of today's most popular curb sizes. And best of all, it is available when you need it.

Z-SERIES AT A GLANCE:

3- to 12.5-ton gas/electric, electric/electric and 3- to 10-ton heat pump models available

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

Exact charge is weighed in at the factory to ensure precise operation

Up to 18% lighter than like units**

Compatible with popular curb size, eliminating need for adaptor curb

EFFICIENCY RATING

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

WARRANTY

10-YEAR LIMITED WARRANTY on aluminized gas heat exchanger

5-YEAR LIMITED WARRANTY on compressor

3-YEAR LIMITED WARRANTY on Eco-Last™ coil system

1-YEAR LIMITED WARRANTY on covered components

See warranty certificate for actual details.

RIGHT-NOW AVAILABILITY

Get the performance you want, when you need it. Allied Commercial™ partners with wholesale distributors throughout the U.S. and Canada, giving you the local support and availability you need.

RIGHT-FIT COMPATIBILITY

The Z-Series rooftop units feature the most popular footprint in the commercial industry, which eliminates the need for an adaptor curb in many replacement jobs, and allows installers to utilize existing utility connections. This means easier installation and savings of up to \$1,500 on the total job cost.* In addition, the Z-Series units are up to 18% lighter than those of competitors, which not only makes the units easier to lift and move, but also eliminates additional structural engineering costs.**

FACTORY TESTED. FIELD READY.

Z-Series rooftop units are constructed from proven materials, and undergo thorough component inspection, including a 200-point quality check and a rigorous run-testing regimen before leaving the factory. Units arrive at the job site having been charged to exact specifications in a clean, controlled environment. As a result, you can count on Z-Series rooftop units to provide years of solid, trouble-free operation.

To check availability near you, contact your local Allied Commercial distributor.



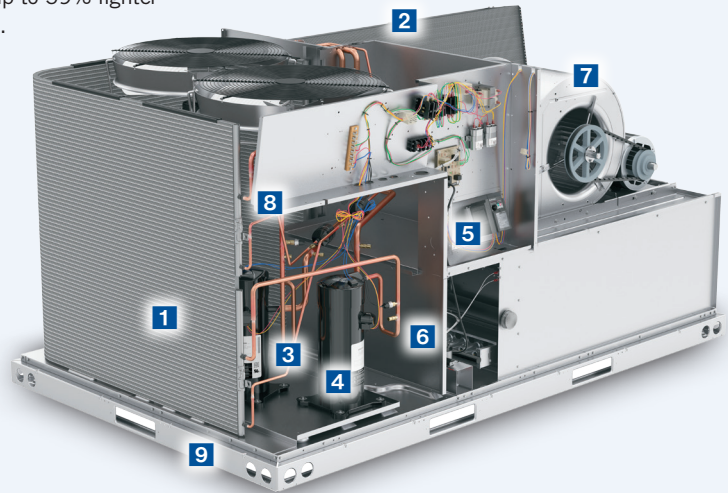
*\$1,500 savings is calculated in replacement jobs where the Z-Series unit matches the footprint using a price of \$750 for a curb and \$750 to move electrical and plumbing connections.

**Comparison is based on a 5-ton gas/electric model versus other 5-ton gas/electric models.

Z-SERIES

PROVEN COMPONENTS BUILT FOR PERFORMANCE

- 1 ECO-LAST 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 TOOL-LESS FILTER ACCESS**—Filter replacement is simplified during routine maintenance.
- 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 SMART TECHNOLOGY**—Optional BACnet compatibility and Single-Zone VAV (Variable Air Volume) give the flexibility to meet application requirements.
- 6 BURNER COMPARTMENT**—Enclosed burner compartment provides protection from unwanted moisture that can lead to premature corrosion.
- 7 PREDEFINED SUPPLY FAN MOTOR/DRIVE COMBINATIONS**—Make selecting components to meet static and airflow requirements quick and easy.
- 8 POWER ENTRY**—Electrical connections align with many existing units installed today.
- 9 UNIT FOOTPRINT**—Compatible with 20+ years of existing units, eliminating the cost of an adaptor curb in many replacement jobs.



| | | COOLING DATA | | HEATING DATA | | | | PHYSICAL DATA | | | |
|-----------------------------|-------------|--------------|-----------|--------------|----------|-----------------|---------|---------------|----------------------------------|--------------------|------|
| | TON | MODEL | EER | SEER OR IEER | LOW | STD. | MED. | HIGH | DIMENSIONS H X W X L [INCHES] | 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 | 37 x 47 x 76 | 597 | |
| | 6 | ZGA072S4B | 11.2 | 12.0 | – | 65 | 108 | 150 | 37 x 47 x 76 | 645 | |
| | 6 | ZGB074S4T | 11.2 | 15.0 | – | 65 | 108 | 150 | 37 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 | 1007 | |
| 10 | ZGA120S4B/M | 11.0 | 11.8/13.0 | – | 130 | 180 | 240 | 49 x 61 x 96 | 1047 | | |
| 12.5 | ZGA150S4B/M | 10.8 | 11.4/12.0 | – | 130 | 180 | 240 | 49 x 61 x 96 | 1137 | | |
| | | | | | 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 | 37 x 47 x 76 | 573 |
| | 6 | ZCA072S4B | 11.2 | 12.0 | 7.5 | 10 | 15 | 22.5 | 30 | 37 x 47 x 76 | 573 |
| | 6 | ZCB074S4T | 11.2 | 15.0 | 7.5 | 10 | 15 | 22.5 | 30 | 37 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 | 987 |
| | 8.5 | ZCA102S4B/M | 11.2 | 12.0/13.2 | 7.5 | 15 | 22.5 | 30 | 45 | 49 x 61 x 96 | 1007 |
| 10 | ZCA120S4B/M | 11.2 | 12.0/13.2 | 15 | 22.5 | 30 | 45 | 60 | 49 x 61 x 96 | 1047 | |
| 12.5 | ZCA150S4B/M | 11.0 | 11.6/12.2 | 15 | 22.5 | 30 | 45 | 60 | 49 x 61 x 96 | 1137 | |
| | | | | | 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 | 2.20 | 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 | 2.20 | 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 | 1121 | |
| | 8.5 | ZHA102S4B/M | 11.0 | 12.2/12.5 | 100,000 | 3.3 | 55,000 | 2.25 | 49 x 61 x 96 | 1153 | |
| | 10 | ZHA120S4B/M | 10.7 | 11.3/12.5 | 116,000 | 3.3 | 70,000 | 2.25 | 49 x 61 x 96 | 1211 | |

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



Visit us at www.allied-commercial.com or contact us at 1-800-448-5872.

© 2017 Allied Air Enterprises LLC., a Lennox International Inc. Company



Litho U.S.A.

ACZS-300 07/17 PC84339