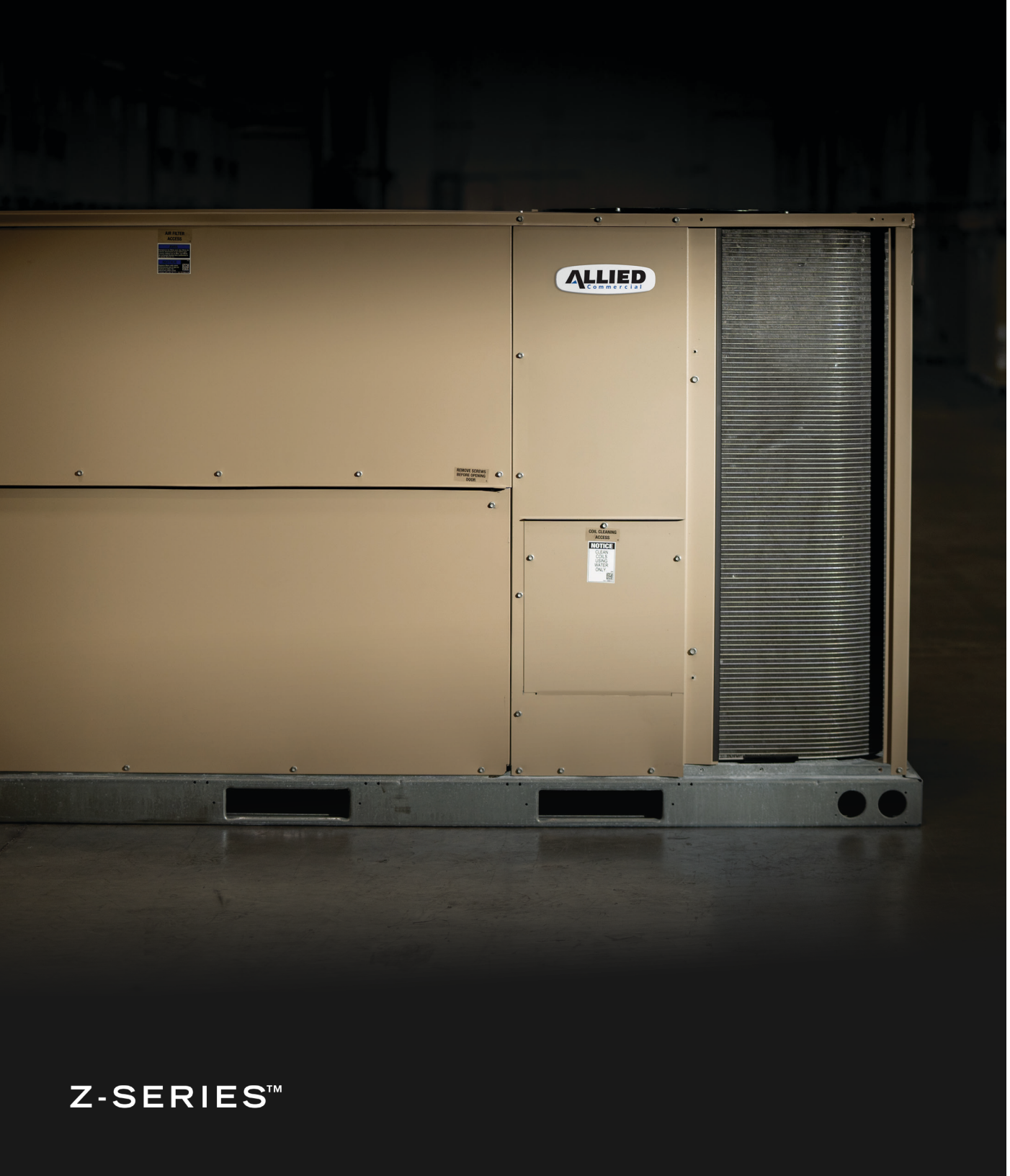
Z-SERIES™
ROOFTOP UNITS

DESIGNED TO FIT.

FAST.

ALLIED® Commercial



Z-SERIES™

GET THE PERFORMANCE YOU WANT WHEN YOU NEED IT.

Offering seamless integration with popular curb sizes without the need for an adapter. 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.

REPLACEMENT COMPATIBILITY

Designed for flexibility, Z-Series rooftop units easily adapt to various applications and offer hassle-free replacement compatibility.

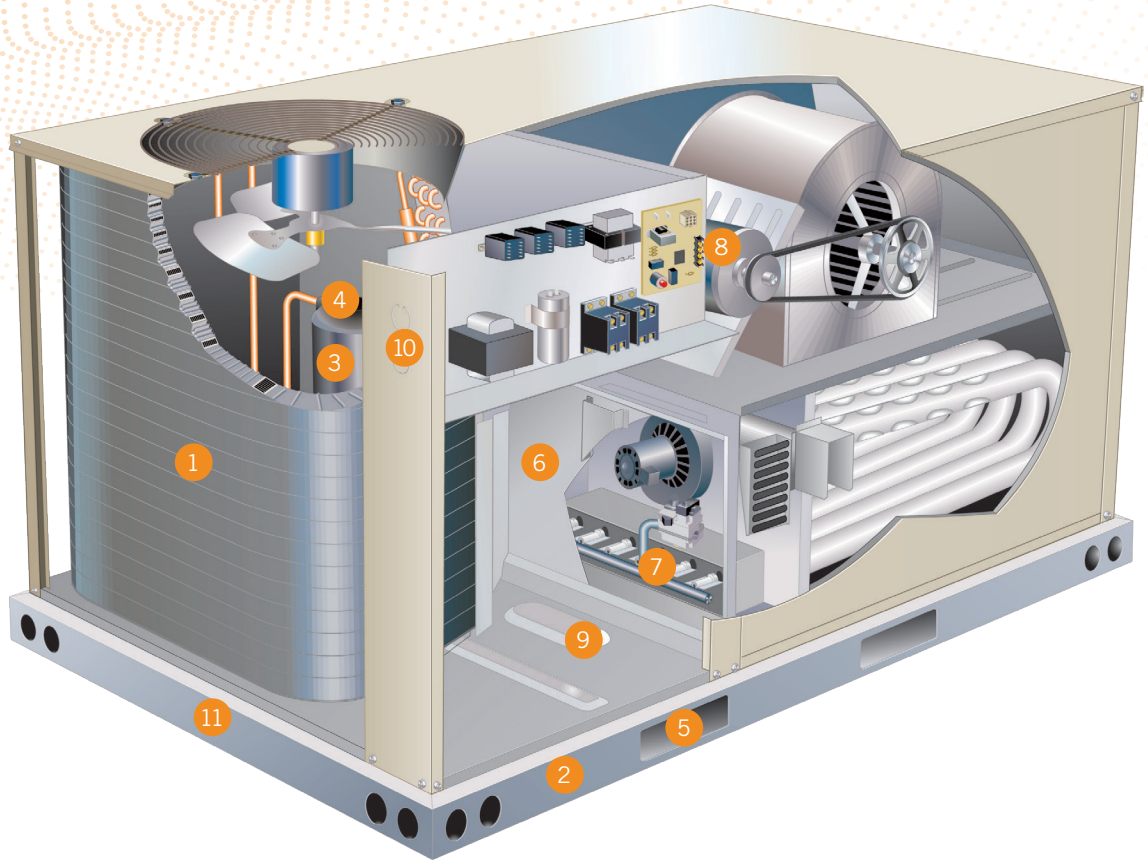
- **Compatible with one of the industry's most widely used footprints**, eliminating the need for an adaptor curb
- **Lightweight design** eliminates the need for structure analysis and reduces roof load on replacement jobs
- **Utilizes existing gas and electrical connections** in many replacement jobs

ROOF READY

Z-Series Rooftop units are designed roof ready to quickly fit your application needs. These units come with a range of convenient features that make installation quick and easy.

- **Product line consisting of** 3-12.5 ton gas-electric and electric-electric, and 3-10 ton heat pump models
- **Simplified maintenance** with an accessible gas compartment, compressor access panel and tool-less filter access
- **Full-perimeter base rail** provides greater structural integrity, so the unit is easier to handle when rigging and transporting

Z-SERIES™ ROOFTOP UNIT



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 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. **Single-Zone VAV supply fan** achieves a higher level of energy savings and comfort control with blower speed modulation (standard on 10 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).

Z-SERIES™ ROOFTOP UNIT R-454B PERFORMANCE SPECIFICATIONS

			COOLING DATA		HEATING PERFORMANCE					PHYSICAL DATA	
TYPE	NOMINAL TONNAGE	MODEL	EER2/EER	SEER2/IEER	STD.	MED.	HIGH			DIMENSIONS H X W X L [INCHES]	BASE WT. [LBS.]
GAS/ELECTRIC UNITS	3	ZGD036S5B/E	11.5	13.4	65	108	–			37 x 48 x 76	487
	4	ZGD048S5B/E	11.5	13.4	65	108	150			37 x 48 x 76	469
	5	ZGD060S5B/E	11.5	13.4	65	108	150			45 x 48 x 76	555
	6	ZGD074S5T	11.0	15.0	65	108	150			45 x 48 x 76	603
	7.5	ZGD092S5T	11.0	15.0	130	180	240			49 x 61 x 96	841
	8.5	ZGD102S5T	11.0	14.8	130	180	240			49 x 61 x 96	841
	10	ZGD120S5M	11.0	15.0	130	180	240			49 x 61 x 96	881
	12.5	ZGD150S5M	10.8	15.0	130	180	240			49 x 61 x 96	971
					KW RANGE*						
ELECTRIC/ELECTRIC UNITS	3	ZCD036S5B	11.5	13.4	5	7.5	10	15	–	37 x 48 x 76	437
	4	ZCD048S5B	11.5	13.4	5	7.5	10	15	22.5	37 x 48 x 76	446
	5	ZCD060S5B	11.5	13.4	5	7.5	10	15	22.5	45 x 48 x 76	531
	6	ZCD074S5T	11.2	15.5	7.5	10	15	22.5	30	45 x 48 x 76	531
	7.5	ZCD092S5T	11.2	15.0	7.5	15	22.5	30	45	49 x 61 x 96	793
	8.5	ZCD102S5T	11.2	14.8	7.5	15	22.5	30	45	49 x 61 x 96	793
	10	ZCD120S5M	11.2	15.0	15	22.5	30	45	60	49 x 61 x 96	833
	12.5	ZCD150S5M	11.0	15	15	22.5	30	45	60	49 x 61 x 96	923
					HSPF (HSPF2*)	47 CAP.	COP 47	17 CAP.	COP 17		
HEAT PUMP UNITS	3	ZHD036S5B	10.6	13.4	8.0 (6.7)	34,200	3.4	20,000	2.2	45 x 48 x 76	580
	4	ZHD048S5B	10.6	13.4	8.0 (6.7)	45,000	3.3	26,100	2.2	45 x 48 x 76	585
	5	ZHD060S5B	10.6	13.4	8.0 (6.7)	55,000	3.5	32,500	2.25	45 x 48 x 76	610
	7.5	ZHD092S5T	11.0	14.1	-	89,000	3.4	53,000	2.25	49 x 61 x 96	1,068
	8.5	ZHD102S5T	11.0	14.1	-	100,000	3.4	55,000	2.25	49 x 61 x 96	1,068
	10	ZHD120S5M	11.0	14.1	-	116,000	3.4	70,000	2.25	49 x 61 x 96	1,126

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

Z-SERIES™ ROOFTOP UNIT FACTORY-AND FIELD-INSTALLED OPTIONS

COOLING	
Drain Pan Overflow Switch	Field
Low-Ambient Kit	Field
PVC or Copper Condensate Drain Trap	Field
BLOWER	
Blower - Supply Air Drive Kits	Factory
Low-Temp Vestibule Heater	Factory
HEATING	
Electric Heat	Field
Gas Heat	Factory
Combustion Air Intake Extensions	Field
LPG/Propane Conversion Kits	Field
Vertical Vent Extension	Field
CABINET	
Combination Coil/Hail Guards	Field
CONTROLS	
CS3000 and CS7500 Commercial Programmable Thermostats	Field
BACnet Module	Field
BACnet Thermostat with Display	Field
BACnet Thermostat without Display	Field
INDOOR AIR QUALITY	
MERV 4 Filters	Field
Replacement Media Filter with Metal Mesh	Field
IAQ (Co2) Sensors	Field
ELECTRICAL	
Electrical Voltage (60 Hz, 208/230V 1ph, 208/230V, 460V, or 575V - 3ph)	Factory
Bottom Power Entry Kit Field Installed	Field
STANDARD ECONOMIZER	
Standard Economizer Downflow or Horizontal with Outdoor Air Hood (not for Title 24)	Field
Standard Economizer Controls (not for Title 24)	Field
HIGH PERFORMANCE ECONOMIZER	
High Performance Economizer with Outdoor Air Hood - Downflow (Factory Installed on B Box Only)	Factory, Field
Hight Performance Economizer with Outdoor Air Hood - Horizontal	Field
Economizer Controls - Single Sensible/ Enthalpy	Field
Economizer Controls - Differential Enthalpy	Field
Horizontal Barometric Relief Dampers - Hood Furnished	Field
OUTDOOR AIR	
Manual Outdoor Air Dampers	Field
Motorized Outdoor Air Dampers	Field
575V Transformer Kit Field Installed	Field
Power Exhaust Fan Standard Static	Field
ROOF CURBS/CEILING DIFFUSERS	
Roof Curbs (Standard, Clip, Hinged)	Field
Ceiling Diffusers	Field

Information is representative of most models for each product line. Not all models will have every standard feature, factory option or field-installed accessory available.
Please consult the Product Specifications (EHB) document for detailed availability.
LonTalk is a registered trademark of the Echelon Corporation.
BACnet is a registered trademark of the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).



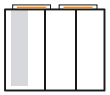
COMPLETE COMMERCIAL CLIMATE SOLUTIONS

Create the ideal building environment with the Allied Commercial portfolio. Each solution is engineered to optimize performance, energy-efficiency, serviceability and environmental impact.



PACKAGED UNITS

E-Series™, K-Series™, Z-Series™, Q-Series™



SPLIT SYSTEMS

T-Series™ , Small Split Systems, Air Handlers, Indoor Coils



COMMERCIAL CONTROLS

Intelli-Guide™ Unit Controller



HEATING

Unit Heaters, Furnaces, Duct Furnaces



INDOOR AIR QUALITY

Dehumidification, Filtration, Purification

ALLIED® Commercial

RIGHT FIT. RIGHT NOW.

Get the right fit for every application, right when you need it, with a comprehensive lineup of packaged rooftop units and split systems from Allied Commercial. Our products are purposefully engineered for easy installation and compatibility with most common footprints, and crafted with quality and advanced technologies to deliver reliable, efficient performance. Offering exceptional value and immediate availability, Allied Commercial equipment is the Right Fit. Right Now.

Allied-Commercial.com

ALLIED® Air Enterprises

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