

R-SERIES™

RGE, RCE AND RHP MODELS

UP TO 13.0 SEER,
7.70 HSPF AND 80% AFUE



ALLIED™
Commercial

COMPACT. EFFICIENT. RIGHT NOW.

R-Series™ compact rooftop units are designed for efficient performance with a small form factor. Built to exacting standards, every unit uses proven materials and is thoroughly tested before leaving the factory. For installation convenience, R-Series units are designed to meet the application needs for many light commercial jobs.

R-SERIES AT A GLANCE:

Gas/electric, electric/electric or heat pump models, ranging from 3 to 5 tons

Industry-standard refrigerant and utility connection locations

Constant Torque blower motor provides up to 30% greater electrical efficiency than standard blowers

EFFICIENCY RATING

Up to 13.0 Seasonal Energy Efficiency Ratio (SEER), 7.7 Heating Seasonal Performance Factor (HSPF), and 80% Annual Fuel Utilization Efficiency (AFUE)

WARRANTY

10-YEAR LIMITED WARRANTY on aluminized heat exchanger

5-YEAR LIMITED WARRANTY on compressor

1-YEAR LIMITED WARRANTY on covered components

See warranty certificate for actual details.

ONE SMALL FOOTPRINT WITH THREE DIFFERENT FUEL TYPES

Allied Commercial R-Series units come in three different configurations based on fuel type: gas/electric (RGE13), electric/electric (RCE13) and heat pump (RHP13). All three versions share the same cabinet, so you're assured a perfect fit no matter which fuel you use.

EFFICIENT MODELS FOR LONG-TERM COST SAVINGS

Every R-Series unit is engineered for energy-efficient operation. Advanced components like the Constant Torque blower motor and electronic control system work together to give each model in the R-Series a Seasonal Energy Efficiency (SEER) of 13.00.

EASY INSTALLATION, SERVICE AND MAINTENANCE

The all-in-one design of R-Series models allows ease of service and quick installation. This design flexibility makes an R-Series unit a smart choice for emergency replacement projects, especially when space and time are concerns.

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





PROVEN TECHNOLOGY IN A COMPACT PACKAGE

- 1 ADVANCED COIL DESIGN**—Each coil has rifled tubing with lanced fins that enhance refrigerant flow and increase surface contact between metal and air for maximum heat transfer and efficiency.
- 2 CONSTANT TORQUE BLOWER MOTOR**—Provides consistent airflow and can lower the operating cost.
- 3 PRECISE PERFORMANCE (RGE13/RHP13)**—Each unit's life is extended thanks to a complete electronic monitoring system that continuously checks for errors or performance issues.
- 4 VIBRATION REDUCTION**—Sound during operation is lowered due to the compressor being mounted on rubber pads in order to reduce vibration.
- 5 SINGLE-STAGE SCROLL COMPRESSOR**—A trusted and reliable design, the compressor is proven to be durable and have a long operating life.
- 6 DURABLE HEAT EXCHANGER (RGE13)**—The weld-free clamshell design of the heat exchanger is constructed of aluminized steel optimized for reliable, worry-free operation.
- 7 HIGH-PRESSURE SWITCH (RGE13/RCE13)**—This feature prevents operation of the cooling section in the event that refrigerant pressures exceed safe levels, protecting the compressor.
- 8 QUIET SHIFT™ TECHNOLOGY (RHP13)**—Allows heat pumps to enter defrost mode without excessive noise. Since refrigerant pressure is allowed to equalize before the switch, the heat pump can dissipate performance-robbing frost and ice quietly.
- 9 INTEGRATED COMPRESSOR PROTECTION (RHP13)**—Much like the high-pressure switch in the RGE13 and RCE13 units, the pressure switches built into the RHP13 protect the compressor in the event that refrigerant exceeds safe levels. It also prevents the unit from drawing in moisture in case the refrigerant gets too low.



Visit us at www.allied-commercial.com or contact us at 1-800-448-5872.
© 2013 Allied Air Enterprises LLC., a Lennox International Inc. Company



Litho U.S.A.

ACRS-300 05/13 PC73704