

# Allied Commercial makes the equipment that helps you succeed

## A smart decision for any project

Allied Commercial equipment is the first choice of contractors across the country, because it's designed to make their lives easier while meeting the specific application needs.

## Proven technology

Means lasting performance and trusted operation season after season, along with the confidence of installing a product you know will work.

## Ready when you are

Allied Commercial's commitment to immediate availability means you always have the equipment you need for emergency installs through our nationwide network of wholesale distributors.

## Financing means options

Commercial financing allows you to put more buying power into your customers' hands, increasing your profits and the satisfaction of your customers.

## Extended Warranty available

When your customers are looking for an extra commitment, we have solutions to help.



## PACKAGED ROOFTOP UNITS

### K-SERIES™

#### KGA GAS/ELECTRIC

- 2- to 25-ton cooling capacity
- Up to 13.0 SEER and 11.4 EER
- 80% AFUE

#### KGA HIGH EFFICIENCY

- 7.5-, 8.5- and 10-ton cooling capacity
- Up to 13.2 SEER and 12.7 EER

#### KCA ELECTRIC/ELECTRIC

- 2- to 25-ton cooling capacity
- Up to 13.0 SEER and 11.4 EER

#### KCA HIGH EFFICIENCY

- 7.5-, 8.5- and 10-ton cooling capacity
- Up to 13.2 SEER and 12.7 EER

#### KHA HEAT PUMP

- 2- to 20-ton cooling capacity
- Up to 13.0 SEER and 11.3 EER

#### FEATURES:

- Single-zone VAV (Variable Air Volume) supply fan technology<sup>2</sup>
- Up to 61% power savings over comparable units
- 29% better moisture removal for humidity control when compared to systems with conventional supply fan motors
- Eco-Last™ Coil System uses up to 52% less refrigerant, is up to 59% lighter, and has up to 20% fewer brazed joints than regular rooftop unit coils<sup>3</sup>
- Isolated compressor for quieter operation and easier service
- Easy-to-reach gas compartment for quick, simplified diagnostics and serviceability
- More than 100 field-selectable options ensure fast and easy installation

#### WARRANTIES:<sup>1</sup>

- 1-year limited parts warranty
- 3-year limited warranty on Eco-Last Coil System
- 5-year limited compressor warranty
- 10-year limited aluminized steel heat exchanger warranty on KGA unit
- 15-year limited stainless steel heat exchanger warranty on KGA unit

## PACKAGED ROOFTOP UNITS

### Z-SERIES™

#### ZGA GAS/ELECTRIC

- 2- to 25-ton cooling capacity
- Up to 13.0 SEER and 11.4 EER
- 80% AFUE

#### ZCA ELECTRIC/ELECTRIC

- 2- to 25-ton cooling capacity
- Up to 13.0 SEER and 11.4 EER

#### ZHA HEAT PUMP

- 2- to 20-ton cooling capacity
- Up to 13.0 SEER and 11.3 EER

#### FEATURES:

- Efficiency ratings up to 13.0 SEER and 11.4 HSPF (heat pump) and 80% AFUE (gas/electric models)
- Matches the most popular footprint in the commercial industry, eliminating the need for an adaptor curb in many replacement jobs
- Eco-Last Coil System uses up to 52% less refrigerant, is up to 59% lighter, and has up to 20% fewer brazed joints than regular rooftop unit coils
- High-pressure switch guards the compressor from extreme operating conditions
- Proven scroll compressor helps long-term operation
- 20% lighter than other like units
- Goes through a 200-point quality check
- Provides years of solid, trouble-free operation

#### WARRANTIES:<sup>1</sup>

- 1-year limited parts warranty
- 3-year limited warranty on Eco-Last Fresh Air Damper
- 5-year compressor warranty
- 10-year limited aluminized steel heat exchanger warranty

## LIGHT COMMERCIAL PACKAGED UNITS

### R-SERIES™

#### RGE GAS/ELECTRIC

- 2- to 25-ton cooling capacity
- Up to 13.0 SEER and 11.4 EER
- 80% AFUE

#### RCE ELECTRIC/ELECTRIC

- 2- to 25-ton cooling capacity
- Up to 13.0 SEER and 11.4 EER

#### RHP HEAT PUMP

- 2- to 20-ton cooling capacity
- Up to 13.0 SEER and 11.3 EER

#### FIELD-INSTALLED ACCESSORIES:

- LP Conversion Kit
- Manual or Motorized Fresh Air Damper
- Horizontal and Downflow Economizers
- 3-Phase Electric Heat Kits on RCE and RHP units
- Roof Curb Kits

#### WARRANTIES:<sup>1</sup>

- 1-year limited parts warranty
- 5-year limited compressor warranty
- 10-year limited heat exchanger warranty on RGE unit

#### FEATURES:

- Efficiency ratings up to 13.0 SEER, 7.70 HSPF (heat pump) and 80% AFUE (gas/electric models)
- Constant Torque blower motor provides lower operating costs and increased overall system efficiency of up to 30% compared to standard PSC motors<sup>4</sup>
- Specially designed coil enhances refrigerant flow by combining rifled coil tubing with lanced fins to increase surface contact for maximum heat transfer and efficiency
- Electronic control system continuously monitors internal components for optimum performance, fault prevention and unit longevity (heat pump and gas/electric models only)
- Single-stage scroll compressor provides consistent performance, incredible durability, and long operating life
- High-pressure switch prevents operation of cooling section in the event that refrigerant pressures exceed safe levels, protecting the compressor
- Rubber compressor pads decrease sound and vibration when in use

## SPLIT SYSTEM UNITS

### T-SERIES™

#### TSA CONDENSING UNIT

- 6-, 7.5-, 10-, 12.5-, 15- and 20-nominal tons
- Up to 11.4 EER

#### TAA AIR HANDLER

- 6-, 7.5-, 10-, 12.5-, 15- and 20-nominal tons

#### TPA HEAT PUMP

- 7.5- and 10-nominal tons
- Up to 11.4 EER

#### FEATURES:

- Proven scroll compressors for smooth operation
- Easy-access panels for convenient maintenance and service
- Dual refrigeration circuits (in 10–20-ton-capacity units)
- Single-zone VAV (Variable Air Volume) supply fan technology<sup>5</sup>
- Up to 61% power savings over comparable units
- 29% better moisture removal for humidity control when compared to systems with conventional supply fan motors

#### WARRANTIES:<sup>1</sup>

- 1-year limited parts warranty
- 5-year limited compressor warranty

## LIGHT COMMERCIAL SPLIT SYSTEMS

### SMALL SPLITS

#### 4SCU13 AIR CONDITIONER

- 4- to 5-ton cooling capacity
- Up to 13.0 SEER and 11.4 EER

#### 4SHP13 HEAT PUMP

- 4- to 5-ton cooling capacity
- Up to 13.0 SEER and 11.4 EER

#### ACBX32 AIR HANDLER

- 4- to 5-ton cooling capacity
- Up to 13.0 SEER and 11.4 EER

#### FEATURES:

- Efficiency ratings up to 11.0 EER and 7.7 HSPF
- A variety of accessories such as compressor sound covers and TXV kits
- All serviceable brass fittings
- Lanced fins and rifled tubing provide exceptional heat transfer and low air resistance for high-efficiency operation
- Quiet Shift™ Technology allows the heat pump to enter defrost mode without excessive noise
- Proven scroll compressor helps long-term operation
- Corner-mounted service ports make brazing easier
- Two-screw panel removal for quicker access and cleaning

#### 2SCU13 AIR CONDITIONER (DRY CHARGE)

- 2- to 3-ton cooling capacity
- Up to 13.0 SEER and 11.4 EER

#### 2SHP13 HEAT PUMP (DRY CHARGE)

- 2- to 3-ton cooling capacity
- Up to 13.0 SEER and 11.4 EER

#### FEATURES:

- Meets or exceeds 13.0 SEER
- Designed for use with R-22-based indoor equipment
- Direct-drive fan is precision-balanced for quieter operation and longer product life
- Dependable scroll compressor provides efficient and long-lasting operation
- Lanced fins and rifled tubing provide exceptional heat transfer and low air resistance for high-efficiency operation
- Corrosion-resistant cabinet is designed for long-term weather resistance
- Two-screw panel removal for quicker access and cleaning

#### WARRANTIES:<sup>1</sup>

- 1-year limited parts warranty
- 5-year limited warranty

## UNIT HEATERS

### STANDARD & COMPACT

#### LF24 STANDARD AND COMPACT

- 2- to 25-ton heating capacity
- Up to 81% AFUE

#### FEATURES:

- Compact units have an efficiency rating of 81% AFUE
- Standard units have an efficiency rating of 80.5% AFUE
- Tubular heat exchanger is designed for high thermal efficiency with low wear over time
- Curved design exposes the heating surface, resulting in excellent heat transfer
- Rounded surfaces reduce air resistance, creating more even heating and reduced metallic stress
- Easily cleaned in-shot burner assembly
- Permanently lubricated blower motor offers solid performance with no maintenance
- Available with aluminized or stainless steel heat exchanger<sup>6</sup>
- Units may be vented horizontally or vertically for application flexibility
- Fully factory run-tested

#### WARRANTIES:<sup>1</sup>

- 1-year limited parts warranty
- 10-year limited aluminized heat exchanger warranty
- 15-year limited stainless steel heat exchanger warranty

## FURNACES

### INDUSTRIAL FURNACES

#### LG14 OIL FURNACES

- 10- to 14-ton heating capacity
- Up to 81% AFUE

#### FEATURES:

- Efficiency ratings of 81% AFUE
- Two blowers provide heating capacities of 225,000 to 450,000 BTU/hour
- Units can be installed vertically or horizontally for site application flexibility
- Stainless steel heat exchanger for maximum durability
- Removable panels allow easy access to the motor for service and clean-out
- Twin blowers are mounted on rails for service from either side
- Internal overload protection for the motor, primary and secondary fan and limit controls

#### WARRANTIES:<sup>1</sup>

- 1-year limited parts warranty
- 5-year limited heat exchanger warranty



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Commercial

ACFLC-600 (05/13) 73684

<sup>1</sup> See warranty certificate for complete details.  
<sup>2</sup> At 55% airflow when compared to full load  
<sup>3</sup> Excludes heat pump models  
<sup>4</sup> When running at rated speed and capacity  
<sup>5</sup> Available on 7.5–20-ton split system units  
<sup>6</sup> Standard unit heaters only