



FULL LINE

PRODUCT BROCHURE

2025 COMPLIANT REFRIGERANT

PACKAGED ROOFTOP UNITS
SPLIT SYSTEM UNITS
UNIT HEATERS



Allied Commercial™ has the equipment you need to succeed.

At Allied Commercial, we build technologically advanced, solid commercial heating and cooling equipment that's available right when you need it.

Our products uphold our tradition of quality, technology and durability—even in the toughest environments. Each component and part is designed, and laboratory tested for strength and endurance, so every piece of HVAC equipment maintains our high standards.

For A Cleaner Tomorrow

We believe building for tomorrow is as important as building for today. The transition to low Global Warming Potential (GWP) refrigerants represents a positive step for the environment, as it significantly reduces the impact of harmful greenhouse gases.

The new refrigerant used in our products reduces global warming potential by 78%*. That helps all of us reduce our environmental impact and build toward a cleaner future for everyone.

**Global, national, state, and local GWP requirements may change at any time without notice.*

PACKAGED ROOFTOP UNITS

Tailored specifically for light commercial applications, our packaged rooftop units offer reliability, versatility, easy maintenance and simplified installation. Designed to make every job easier, our rooftop units offer the flexibility and fit to get the job done right first time, every time.



SPLIT SYSTEM UNITS

Built with advanced technology and durable components, our split systems offer energy-efficient heating and cooling, plus long-term reliability. Available in a wide range of sizes and configurations, we have a split system that will perfectly meet your needs.



UNIT HEATERS

Our compact and easy-to-install unit heaters provide a reliable heating solution for hard-to-heat commercial and residential applications. Designed and built for durability and peak performance, our heaters incorporate advanced technology and proven materials into time-tested equipment.



FOR FULL FEATURE INFORMATION AND WARRANTY DETAILS ON ALL UNITS, VISIT WWW.ALLIED-COMMERCIAL.COM



K-SERIES™

Model	Cooling Capacity Tons	Efficiency	
LG GAS/ELECTRIC	2 TO 25	Up to 13.4 SEER2 and 10.6 EER2	Up to 81% TE
LC ELECTRIC/ ELECTRIC	2 TO 25	Up to 13.4 SEER2 and 10.6 EER2	
LH HEAT PUMP	2 TO 20	Up to 13.4 SEER2 and 10.6 EER2	Up to 6.7 HSPF2

BENEFITS

EFFICIENCY

- Single-Zone VAV supply fan technology provides up to 61% power savings over comparable units¹ 6 tons and up

EASY INSTALLATION

- Over 100 field-selectable options ensure fast and easy installation

SIMPLIFIED SERVICE

- Quieter operation and easier service with a standard isolated compressor compartment and slide out blower on 7.5 ton and up

INTELLI-GUIDE™ CONTROLLER

- Openly integrates with multiple control types, extends unit lifetime by reliably operating system components, and optimizes unit efficiency through built-in algorithms, creating ideal space conditions with ease.

TECHNOLOGY INNOVATIONS

Eco-Last™ coil system uses up to 52% less refrigerant and is up to 59% lighter than regular rooftop coils



¹ At 67% air flow when compared to full load.

PACKAGED ROOFTOP UNITS



Z-SERIES™

Model	Cooling Capacity Tons	Efficiency	
ZG GAS/ELECTRIC	3 TO 12.5	Up to 13.4 SEER2 and 10.6 EER2	Up to 81% TE
ZC ELECTRIC/ELECTRIC	3 TO 12.5	Up to 13.4 SEER2 and 10.6 EER2	
ZH HEAT PUMP	3 TO 10	Up to 13.4 SEER2 and 10.6 EER2	Up to 6.7 HSPF2

BENEFITS

EFFICIENCY

- High-pressure switch improves reliability by safeguarding the compressor from extreme operating conditions
- Proven scroll compressor helps long-term efficient operation

EASY INSTALLATION

- Matches one of the most popular commercial footprint, eliminating the need for an adapter curb in many replacement applications
- Units arrive on site having been charged to exact specifications in a clean, controlled environment

SIMPLIFIED SERVICE

- Tool-less filter access simplifies filter replacement during routine maintenance
- Electrical connections align with many existing units



Q-SERIES™

Model	Cooling Capacity Tons	Efficiency	
QG GAS/ELECTRIC	3 TO 5	Up to 13.4 SEER2 and 10.6 EER2	Up to 81% AFUE
QC ELECTRIC/ELECTRIC	3 TO 5	Up to 13.4 SEER2 and 10.6 EER2	
QH HEAT PUMP	3 TO 5	Up to 13.4 SEER2 and 10.6 EER2	Up to 6.7 HSPF2

BENEFITS

EASY INSTALLATION

- Arrives ready to install with no special rigging or brackets required for placement
- Easy-to-install, plug-and-play accessories that do not require disassembly
- Multiple field-selectable options ensure fast and easy installation
- Standard base rail with fork lift slots

FLEXIBLE DESIGN

- Accommodates both horizontal and downflow applications
- Bottom power entry matches many existing installations
- Ultra Low NOx ($\leq 14\text{ng/J}$) gas/electric models are available

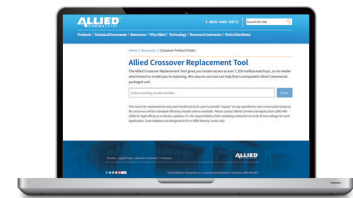
QUALITY PERFORMANCE

- Microban protection
- Built-in pest control
- Quiet combustion technology
- Tri-Diamond technology*

TECHNOLOGY INNOVATIONS

Optional, Single-Zone VAV supply fan technology² provides up to 61% power savings over comparable units and 29% better moisture removal

Allied Commercial's Crossover Replacement Tool makes identifying a comparable Allied Commercial packaged unit quick and easy



*Not available on ULN models

SPLIT SYSTEM UNITS



T-SERIES™

Model	Cooling Capacity Tons	Efficiency
ELKC CONDENSING UNIT	6 TO 20	Up to 16.0 IEER
ELKA AIR HANDLER	6 TO 20	
ELKP HEAT PUMP	6 TO 10	Up to 14.1 IEER and 3.4 COP

BENEFITS

EFFICIENCY

- Designed to offer efficient energy use all year long
- Smooth operation with proven scroll compressors

EASY INSTALLATION

- For application flexibility, units range in size from 6 to 20 tons
- Units can be installed horizontally or vertically to fit job requirements
- Units come fully assembled and ready for install, with selected drives and motors in place

SIMPLIFIED SERVICE

- Easy-access refrigerant lines, service valves and panels provide convenient maintenance and service
- Service access is available from all four sides



SMALL SPLITS

Model	Cooling Capacity Tons	Efficiency
ML13KC AIR CONDITIONER	3 TO 5	Up to 15.1 SEER2
7AH AIR HANDLER	2.5 TO 5	
ML14KP HEAT PUMP	3 TO 5	15.1 SEER2 and 7.5 HSPF2

BENEFITS

EFFICIENCY

- Excellent heat transfer and low air resistance with enhanced Omniguard™ aluminum alloy tube/fin coils
- Smooth operation with proven high-efficiency scroll compressors
- Tested in harsh lab conditions for maximum performance season after season

EASY INSTALLATION - AIR HANDLERS

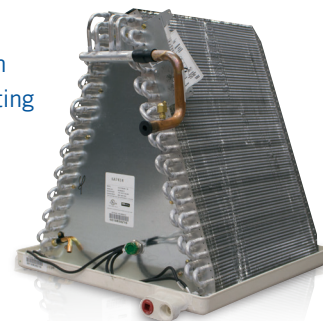
- Units may be disassembled into two separate sections for ease of installation
- Drain pan's flexible design works in upflow, downflow or horizontal applications

SIMPLIFIED SERVICE

- Refrigerant line connections and access are located in one central area of the cabinet for easy access and service
- Tool-less access to filter and simple plug-in connections make installation and maintenance easy

TECHNOLOGY INNOVATIONS

Omniguard™ Technology offers superior corrosion resistance and long-lasting performance with its aluminum tube/fin coil design



UNIT HEATERS



STANDARD, COMPACT & SEPARATED COMBUSTION

Model	BTU/Hour	Efficiency
LF25 STANDARD AND COMPACT	30,000 - 400,000	83.8% Thermal Efficiency
LS25 SEPARATED COMBUSTION	30,000 - 400,000	82% Thermal Efficiency

BENEFITS

EFFICIENCY

- 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

EASY INSTALLATION

- Flexible vent mounting for horizontal or vertical applications
- Factory tested and wired
- Removable thermostat and power connections make the installation process easier

SIMPLIFIED SERVICE

- No-maintenance lubricated blower motor
- Easy access to components through a hinged door

We bring advanced technology and innovation to every job.

At Allied Commercial, we are committed to constant self-improvement and pushing the boundaries of innovation and industry conventions.

The technologies we build into our heating and air-conditioning equipment help businesses—like yours—enjoy lasting performance and consistent energy efficiency, season after season, even in challenging conditions.

Intelli-Guide™

Standard on E-Series rooftop units, the Intelli-Guide unit controller verifies service, operation, required setup and configuration with precision, maximizing performance, efficiency and long-term operation.

WireRight™

WireRight simplifies field sensor and thermostat installation. With advanced connectors that are keyed and color-coded, WireRight prevents miswiring and ensures the unit and components are installed properly.

Single-Zone VAV

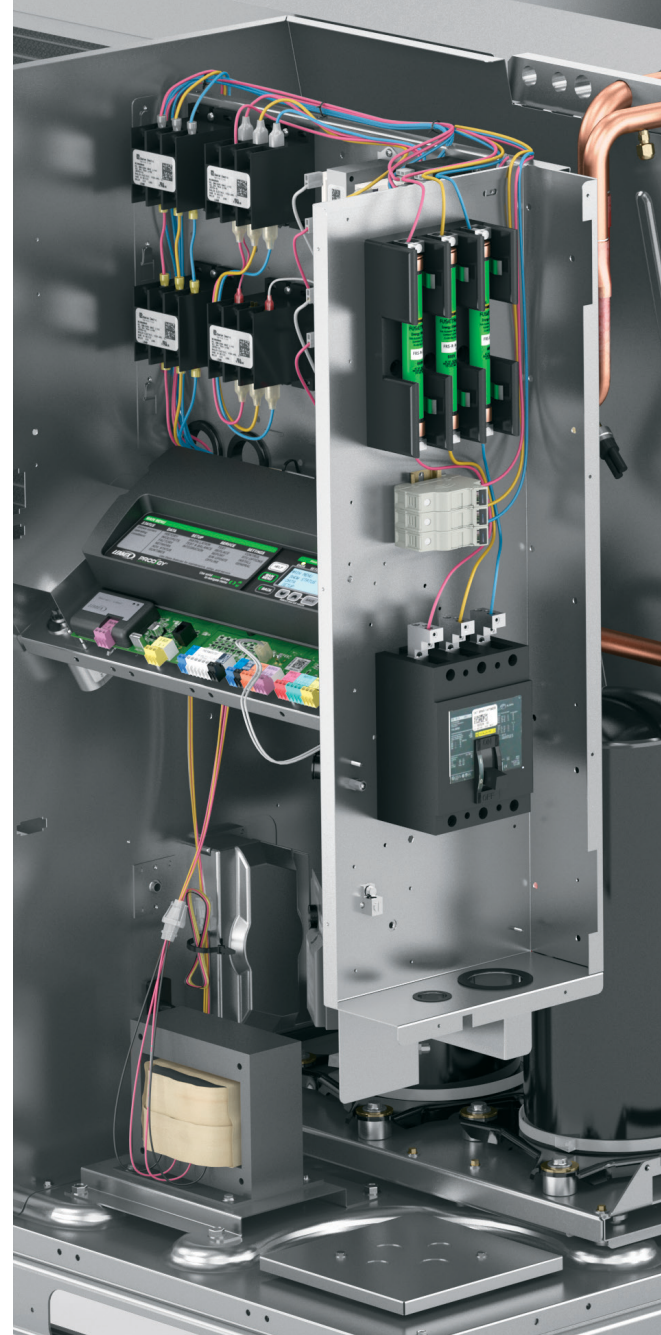
Single-Zone VAV technology allows the fan and compressor to work together in two different stages, coordinating with cooling needs, maximizing efficiency and eliminating wasted effort.

BACnet Compatibility

Allied Commercial's BACnet-compatible module integrates heating and cooling into a building's automation, monitoring and control systems, delivering more precise management of your building's operations.

Eco-Last™ coil system

The Eco-Last coil is an all-aluminum coil that offers substantial advantages over conventional coils, including lower weight, greater corrosion resistance and the use of less refrigerant.

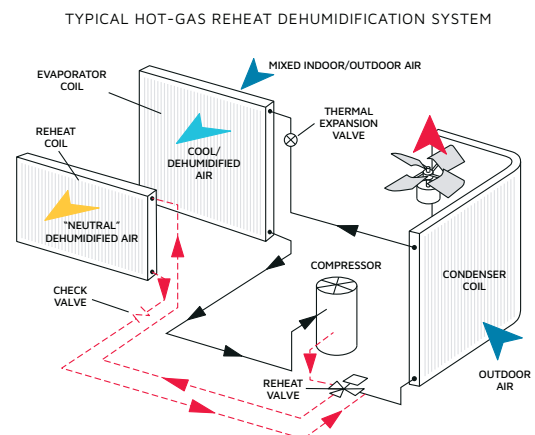


Indoor Air Quality Solutions

Creating better Indoor Air Quality (IAQ) makes for a happier, healthier and more productive work environment. So, whether you want to control temperature, humidity or contaminants, we have a system that can meet your needs.

Optional Reheat Dehumidification System (K and E Series)

Our reheat dehumidification system removes moisture based on relative humidity, not the temperature. This has the effect of maintaining indoor air quality and comfort, while avoiding problems with overcooling.





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

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