

# BRYANT PREFERRED™ AND LEGACY™ SERIES PACKAGED ROOFTOPS WITH NEW AXION™ FAN TECHNOLOGY

**bryant**  
Heating & Cooling Systems

**WHATEVER  
IT TAKES.®**



**THERE'S A NEW REVOLUTION IN ROOFTOPS**

**Preferred™  
SERIES**

with **Axion™ Fan** Technology  
581/551K (3-5 Ton)



**LEGACY™  
LINE**

with **Axion™ Fan** Technology  
582/559K (3-6 Ton)

# INTRODUCING BRYANT PREFERRED™ AND LEGACY™ SERIES PACKAGED ROOFTOPS\* WITH AXION™ FAN TECHNOLOGY

At Bryant, we've always done Whatever It Takes™ to deliver for customers and move the industry forward. And now, with a number of innovative enhancements to our Preferred™ and Legacy™ series we've created a whole new revolution in rooftops.

New Axion™ Fan Technology was designed to improve performance and efficiency while decreasing maintenance and installation costs. The industry's first beltless direct-drive vane axial fan for rooftop units is just one of many technological advances that prove that not all rooftop units are created equal. Other enhancements include a new control board and coil technology, permanently lubricated motor bearings, tool-less filter access doors and more.

## INDUSTRY-FIRST AXION™ FAN TECHNOLOGY

With Axion Fan Technology, Bryant replaces belt drive designs with an all-new vane axial indoor fan. This innovative technology delivers a simpler, more compact design that you have to see to believe. Its direct-drive ECM motor improves greater efficiency in airflow systems while a dynamically balanced blade provides reliable performance. Plus, a simplified design helps lower installation and maintenance costs.

## Axion™ Fan Technology



75% fewer moving parts



Intuitive Fan Speed Adjustment Controls



Up to 40% more energy efficient



No belts or pulleys



No shaft or shaft bearings

## PERFECT DESIGN AND FIT

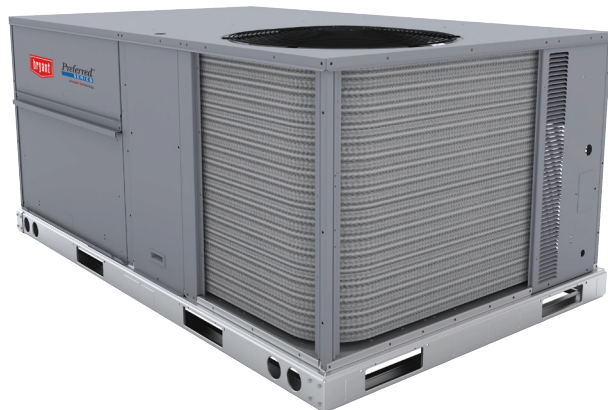
We've revolutionized the rooftop category by making a number of innovative changes to our Preferred and Legacy series units. But one thing that's just as important is what we didn't change. In terms of footprint, we built on an original, using the same Bryant unit design that's been trusted for years. This makes for hassle-free replacement of existing units and keeps installation costs down.

### Same Efficient Unit Design

- Low installation costs
- Original fit for hassle-free replacement
- Local inventory immediately available

**Preferred™**  
SERIES  
with Axion™ Fan Technology

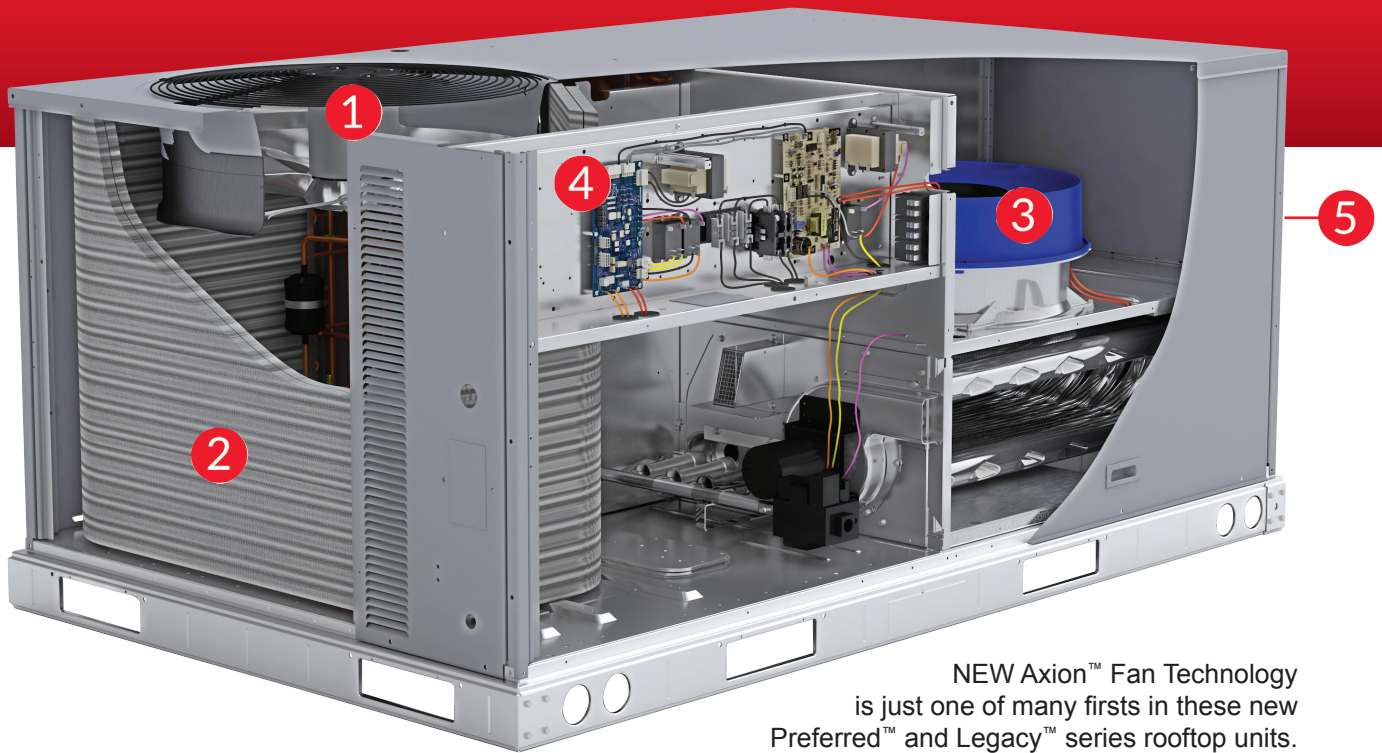
**LEGACY™**  
LINE  
with Axion™ Fan Technology



## EFFICIENCY ACROSS MODELS

Bryant rooftop units are available in multiple efficiency levels, so you can choose the right option available for varying customer needs and budgets. While efficiency ratings vary, Bryant rooftop units are an average of 40 percent more efficient than models built 17 years ago – ensuring lower operating costs regardless of the selected unit.

\*Select models. Ask your local Bryant distributor or visit [Bryant.com](http://Bryant.com) for details.



NEW Axion™ Fan Technology is just one of many firsts in these new Preferred™ and Legacy™ series rooftop units.

**1 NEW! OUTDOOR FAN SYSTEM**

These units feature a new outdoor fan system with an exclusive, innovative design. Its high-density composite fan blade provides long-lasting quality, and the blade is dynamically balanced for quiet operation. Permanently lubricated motor bearings also provide high-efficiency operation and reliability.

**2 UNIT COIL DESIGN**

Bryant units use a time-tested round tube plate fin condenser coil design. In addition to their proven reliability, the 5/16" copper tube and aluminum fin condenser coils help enhance efficiency and reduce refrigerant charge.

**3 NEW! VANE AXIAL INDOOR FAN**

NEW patent-pending Axion™ Fan Technology replaces traditional belt drive fans with a simpler, more compact design that's the first of its kind in the industry for this type of equipment. It delivers quieter operation and reduced operating costs through features including a direct-drive ECM motor and dynamically balanced blade fan.

**4 NEW! UNIT CONTROL BOARD**

The updated Preferred and Legacy series rooftops have been equipped with a new control board to make fan unit setup and service simpler. The board offers dedicated indoor fan setup with a large field wiring terminal connection, an intuitive speed dial and switch operation. It's so simple that no special trades or training is required for operation.

**5 TOOL-LESS FILTER ACCESS DOOR**

As part of our commitment to designing for simplified maintenance, Bryant has equipped new Preferred Series and Legacy Line units with filter access doors that can be opened without tools. This allows for quick and easy access to service, check and change filters.



## BENEFITS AT A GLANCE

- **High-efficiency operation** via new fan systems and coil design
- **Simplified maintenance** due to fewer moving parts, new control board and tool-less filter access
- **Built on the original footprint** for cost-effective, hassle-free installation
- **Optimum performance** with intuitive system controls

## BRYANT ROOFTOP UNIT PRODUCT AND SYSTEM SUPPORT



- **Commercial Invest Software**

This fast, easy and free software enables you to determine energy cost savings, payback and lifecycle costs for rooftop unit applications.

- **Bryant Rooftop App**

The Bryant Rooftop app allows you to perform on-the-spot selection of rooftop units for both replacement and new construction, and estimate energy savings between Bryant units.

- **Training**

To find training courses, materials and tools online, visit [BryantUniversity.com](http://BryantUniversity.com). Local training may also be available in your area. Ask your local Bryant distributor to learn more.

- **Local Support and Inventory**

Bryant has an unsurpassed range of options to accommodate any size job or application and the inventory to get you the products you need when you need them with our unparalleled network of over 475 locations. Whether it's a replacement or new construction, the place to start is with your Bryant distributor.



3 to 5 Ton Models



6 Ton Models

