

# TEMPSTAR®

Heating and Cooling Products

## Commercial Packaged Rooftops with X-Vane™ Fan Technology

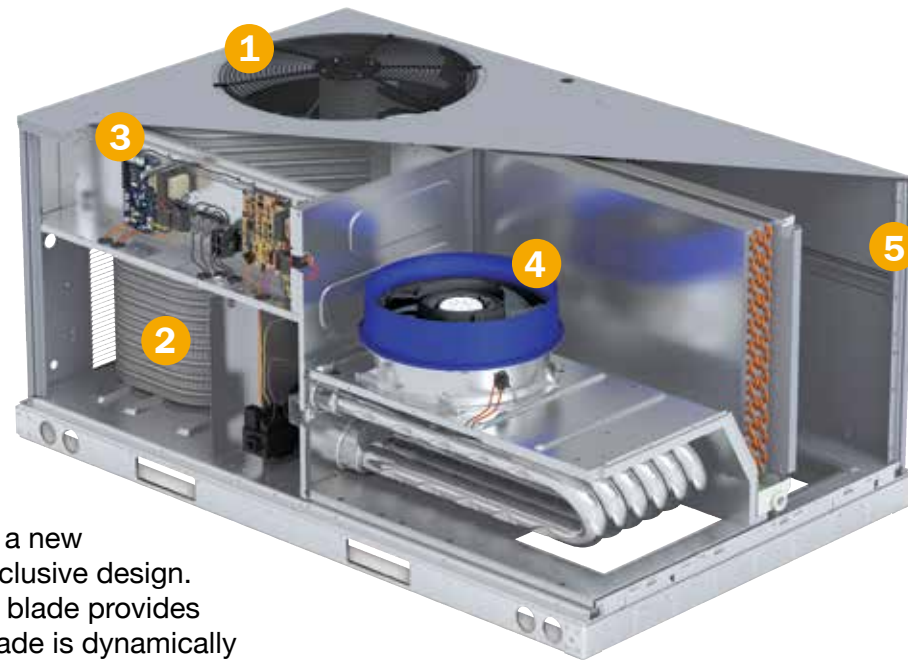


IT'S NOT JUST A FAN, IT'S A TURNING POINT.

# Introducing Tempstar Rooftop Units\* with X-Vane™ Fan Technology

Tempstar has a long history of bringing reliable heating and cooling products to customers throughout North America. Our new packaged rooftop units with X-Vane Fan technology, deliver intuitive and innovative features, with quality you have come to expect from Tempstar. It's not just a fan—it's a turning point for commercial packaged rooftops.

Tempstar packaged rooftops with X-Vane Fan technology are designed to enhance performance and efficiency while cutting back on 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 make these new rooftops simpler and more efficient. Other improvements include a new intuitive control board and coil technology, new outdoor fan design, tool-less filter access doors and more.



## 1. NEW OUTDOOR FAN SYSTEM

Tempstar rooftop units feature a new outdoor fan system with an exclusive 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 lower maintenance costs.

## 2. UNIT COIL DESIGN

Tempstar units operate using reliable and 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 increase efficiency and reduce the refrigerant charge.

## 3. NEW UNIT CONTROL BOARD

A new control board makes unit fan setup and service easier. The board offers dedicated indoor fan setups with a large field wiring terminal connection, an intuitive speed dial and switch operation. It's so simple that no special training is required for operation. Visit [GoTempstar.com](http://GoTempstar.com) for instructional videos.

## 4. NEW INDOOR X-Vane Fan

Patented X-Vane Fan technology replaces traditional belt drive design with innovation that is simpler and more compact, an industry first for this type of equipment, providing quiet operation and reduced operating costs through innovative features including a direct-drive ECM motor and dynamically balanced blade fan.

## 5. TOOL-LESS FILTER ACCESS DOOR

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

## X-Vane Fan Technology, an Exciting Industry First in Rooftop Units

X-Vane Fan technology replaces belt drive design with the Tempstar vane axial indoor fan. This patented technology delivers a simpler, more compact design that you have to see to believe. Features like a direct-drive ECM motor improve efficiency in airflow systems while a dynamically balanced blade provides reliable performance. Additionally, a simplified design helps reduce installation and maintenance costs.



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 category by making several innovative changes to our rooftop units. But what we didn't change is just as important. In terms of footprint, we built on an original, using the same Tempstar 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



## EFFICIENCY ACROSS MODELS


Tempstar 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, rooftop units are an average of 40 percent more efficient than models built 17 years ago – ensuring reduced operating costs regardless of the selected unit. Use Rooftop Energy Savings Calculator for easy energy savings comparison.

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

## Benefits at a Glance

- High efficiency operation via innovative fan systems and coil design
- Simplified maintenance due to fewer 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

## Tempstar Rooftop Units Product and System Support

- **Rooftop Energy Savings Calculator:** This fast, simple and free software enables you to determine energy cost savings, payback and life cycle costs for rooftop unit applications.
 
- **ICP Rooftop App:** The ICP Rooftop app allows you to perform on-the-spot selection of rooftop units for both replacement and new construction, and estimate energy savings between Tempstar rooftop units.
- **Warranty:** Standard warranty included on all Tempstar X-Vane packaged rooftops. Optional extended warranty available. Ask your Distributor.
- **Elite Dealer Program:** Enjoy all the benefits of being an Elite Tempstar Dealer. Ask your Distributor how to sign up.
- **Online Equipment Selection Program:** Create customized submittals using the Equipment Selection Program. The Equipment Selection program allows you to create submittals for engineers, code officials, builders or property owners. It guides you through the process of selecting the right equipment for every application, based on the criteria you enter, matching the best products, factory installed options and correct accessories for every job.
- **Local Support and Inventory:** Tempstar has a range of options to accommodate any size job or application and the inventory to get you the products you need when you need them. Whether it's a replacement or new construction, the place to start is with your Tempstar distributor.
- **Commercial Financing Available:** No cost or credit check to the Dealer. Single point of contact. Total project financing, equipment and install. Multiple payment options and flexible program choices. Commercial financing made easy.

**TEMPSTAR**<sup>®</sup>  
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