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## Trane Air Handlers

Revolutionary technology.  
Unprecedented comfort and efficiency.



*It's Hard To Stop A Trane.*





## The Trane Hyperion™ air handler. An advanced solution for your energy efficiency and your comfort.

### Trane has a tradition of quality lasting more than a century.



Trane Storefront  
La Crosse, Wisconsin 1891  
Courtesy of the La Crosse (Wisconsin)  
Public Library Archives

Over a hundred years ago, Reuben and James Trane made the decision to stand out from the crowd. To build a comfort system like no other, using uncompromising quality, innovation and reliability. Today, their legacy is found in everything Trane makes, from our premium materials to our industry-leading technology to our extensive product testing under the harshest

conditions. When you buy a Trane, you're buying a commitment from us, to you. A commitment to your total comfort, and your total peace of mind. Because that's what Reuben and James would have done.

When it comes to heating and cooling homes, people view Trane equipment as the most reliable and longest lasting in the industry.\*

- Winner of the Dealer Design Award presented by Air Conditioning, Heating & Refrigeration NEWS, the industry's leading trade publication, for the fourth year in a row.
- Winner of Building Products magazine's 2009 Green Product Award, the only HVAC manufacturer to win the award that year.
- Winner of the David Weekley Homes' prestigious Partners of Choice Award for Service and Product Performance.

Every component of the Hyperion, from the smallest screw to the revolutionary unique cabinet, has been carefully designed to deliver Trane's legendary reliability, innovation and efficiency with your complete comfort in mind.

\*Independent 2012 HVAC Claim Study, Funded by Ingersoll Rand

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**You'll appreciate the energy savings from your Trane air handler the day your dealer installs it, and for many years to come.**

When shopping for a new system, efficiency is one of your most important considerations. An efficient system will not only lower your energy costs, it will also lower your impact on the environment.

System efficiency is measured in SEER, which stands for Seasonal Energy Efficiency Ratio. Similar to miles per gallon in a car, SEER is a measure of the overall efficiency of a complete heating and cooling system on a seasonal basis. The higher the SEER, the greater the system's energy efficiency, and the lower the overall carbon footprint of your household.

The best efficiency comes from matched systems — systems in which all components are balanced to work together for optimized efficiency and performance.

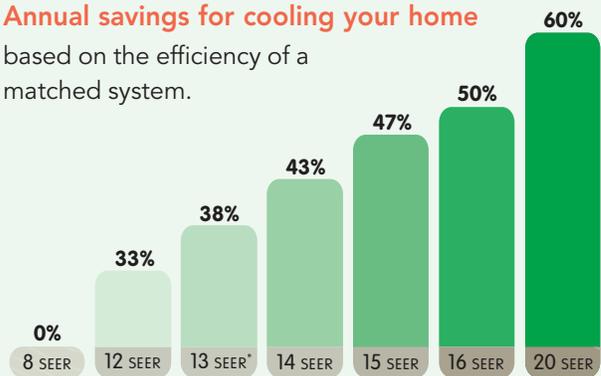


Your Trane air handler has been carefully designed to work as part of a Trane matched system to reduce your household energy use, and provide reliable comfort year after year.

**If your system is more than a few years old, you may be using far more energy than you need to stay comfortable.**

### Annual savings for cooling your home

based on the efficiency of a matched system.



**Like miles per gallon in a car, the higher the system SEER rating, the more comfort you will get from each energy dollar.**

\* Minimum efficiency established by the Department of Energy. Potential energy savings may vary depending on your personal lifestyle, system settings and usage, equipment maintenance, local climate, actual construction and installation of equipment and duct system.

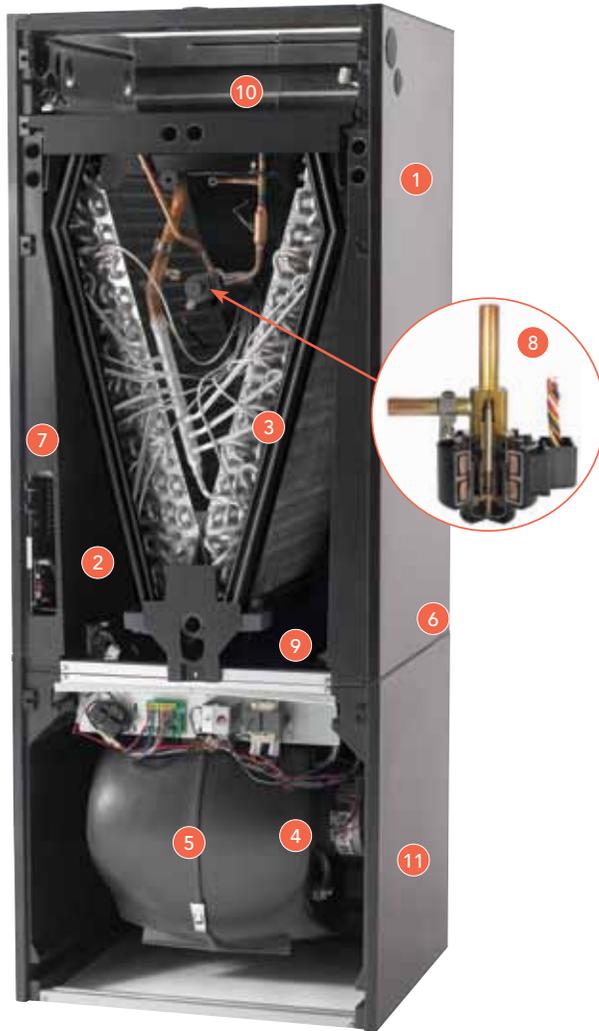


### Responsibly cool.

The Trane Hyperion was designed for your comfort, and our planet. With significantly reduced air leakage and an exclusive electronic expansion valve, the Hyperion's efficiency helps reduce your carbon footprint. The outstanding durability of the all-aluminum coil means fewer chances of refrigerant entering the atmosphere. And the unique, fully enclosed foam insulation design eliminates loose fiberglass insulation particles that can break off and circulate in the air that you breathe.

# Trane Hyperion.™ Designed from the ground up to be the industry's most advanced air handler.

Features and components applicable to Hyperion Series only, may vary by model and are shown for illustration purposes only.



## 1 Unique Cabinet Design INDUSTRY EXCLUSIVE

Tough, double-wall construction with enclosed foam insulation makes Hyperion both lightweight and durable while virtually eliminating sweating and condensation. The Hyperion was designed so less moisture and fewer dust particles are drawn in from garages, attics or crawl spaces. The cabinet interior is also easy to clean, helping improve indoor air quality.

## 2 Fully Enclosed Insulation INDUSTRY EXCLUSIVE

While other air handlers use metal cabinets insulated by loose fiberglass and foil, Hyperion's unique cabinet uses insulating foam between the cabinet walls much like a refrigerator. This prevents loose, fibrous insulation from breaking off and entering the air that your family breathes.



## 3 All-Aluminum Coil INDUSTRY EXCLUSIVE

Substantially more durable than conventional copper coils, for prolonged efficiency, longer system life and less chance of refrigerant leaking into the atmosphere.

## Hyperion Air Handlers – There's a revolution in air movement for every home.



### Hyperion XL (TAM7 and TAM8)

For the ultimate in efficiency, the Hyperion XL's variable-speed blower motor fine tunes airflow, while its Comfort-R™ technology controls humidity. Many models feature communicating technology to optimize the performance and energy efficiency of a matched system.



### Hyperion XR (TAM4 and GAM5)

Built with a multi-speed blower for quieter performance, the Hyperion XR helps your Trane matched system deliver impressive efficiency all year long.



### Hyperion XB (GAF2/T2)

As part of a matched system, the durable Hyperion XB meets or exceeds all standard energy requirements, and Trane's high standards for reliability.

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It's Hard To Stop A Trane.®

#### 4 Variable-Speed Motor with Comfort-R™ Technology

By starting gradually instead of suddenly, the Hyperion reduces operating noise while eliminating hot and cold spots. Comfort-R™ allows the Hyperion to carefully regulate humidity for your comfort.

#### 5 Vortica™ Blower INDUSTRY EXCLUSIVE

Designed for quiet, efficient operation, the Vortica uses less energy than conventional blowers to deliver more air, while reducing energy consumption, carbon emissions and noise.

#### 6 Modular Design INDUSTRY EXCLUSIVE

Its innovative modular construction enhances installation flexibility, allowing the Hyperion to be installed in tight spaces, and without the need for expensive structural modifications to your home.

#### 7 Control Board Pocket INDUSTRY EXCLUSIVE

The Hyperion's design includes a dedicated control board pocket that provides easy access, and helps the board last longer by shielding it from airstream humidity.

	Hyperion XL TAM7, TAM8	Hyperion XR TAM4, GAM5	Hyperion XB GAF2/T2	XB 4FWC/H	XB 4FWM
UNIQUE CABINET DESIGN	●	●	●		
FULLY ENCLOSED INSULATION	●	●	●		
ALL-ALUMINUM COIL	●	●	●	●	●
VORTICA™ BLOWER	●	●	●		
MODULAR DESIGN	●	●	Select Models		
CONTROL BOARD POCKET	●	●	●		
EEV METERING DEVICE	●	●	Select Models		
"NO LEAK" DRAIN PAN	●	●	●		
HEATING OPTIONS	●	●	●	●	●
CORROSION RESISTANT FINISH	●	●	●		
TEXTURED GALVANIZED CABINET WITH PAINTED DOORS				●	●
COMFORTLINK™ COMMUNICATING TECHNOLOGY	Select Models				
HIGHLY EFFICIENT VARIABLE-SPEED TECHNOLOGY	Select Models				

#### 8 Electronic Expansion Valve Metering Device INDUSTRY EXCLUSIVE

Based on Trane's rigorous testing, this expansion valve is 400% more reliable than the standard expansion valves found in other air handlers. The valve also regulates the flow of refrigerant and provides compressor protection, both of which contribute to greater overall efficiency and system life.

#### 9 "No Leak" Drain Pan

Made from rust-resistant composites and built with a gradual slope, the drain pan helps promote better indoor air quality by eliminating standing water.

#### 10 Heating Options

Hyperion is flexible enough to add either hydronic or electric heat without changing the cabinet. This allows you to select the heating method that is most energy efficient for your climate.

#### 11 Corrosion Resistant Finish

The tough, rugged coating on the Hyperion protects it from scuffs and damage, ensuring a uniform appearance for years.

### XB 4F Air Handlers – Trane durability at an affordable price.



#### XB 4FWC/H Series Convertible Air Handler

The durable XB 4FWC and 4FWH air handlers meet or exceed standard efficiency requirements. They feature all-aluminum coils, non-bleed TXV and no rust polymer drain pans.



#### XB 4FWM Series Stud-Mount Upflow Air Handler

These affordable XB 4FWM air handlers are stud-mounted and feature all-aluminum coils, non-bleed TXV and no rust polymer drain pans.

Drop-ceiling or furr-down applications also available.

See your dealer for more product information and availability or go to [Trane.com/residential/products](http://Trane.com/residential/products).

Maximize your comfort and efficiency by customizing a perfectly matched Trane system around your air handler.



When you choose a Trane air handler, you'll enjoy the utmost in consistent comfort. You can achieve the best cooling performance by customizing a Trane "matched system" for your home and comfort needs. A matched

system includes individual Trane components, each designed and engineered to work together seamlessly to maximize overall performance and deliver exceptional efficiency, reliability and comfort.



### Basic indoor equipment

**1 Air Handler:** Works with an air conditioner or heat pump to cool or heat and quietly circulate air in homes that are all electric.

A Trane air handler can make a significant contribution to the overall efficiency of your matched system. The more efficient it is the less work your outdoor unit has to do to keep your home comfortable.



**2 Thermostat:** Programmable or non-programmable, Trane thermostats are precise, easy to use and fit into any decor.



### Basic outdoor equipment

**3 Air Conditioner:** Cools your home on even the hottest days with quiet, reliable efficiency.

— OR —

**Heat Pump:** Draws heat out of your home in the summer, and into your home during the fall and winter. Ideal for all-electric homes, or homes in milder climates. May also be used in colder climates with an additional heat source.

## Optional equipment to maximize your comfort and peace of mind:



**Air Cleaners:** Available in a variety of models, from standard filters to highly efficient air filtration systems. Add a Trane CleanEffects™ system for the ultimate air filtration available.



**Nexia™ Home Intelligence:** Adjust heating and cooling in your home, unlock the front door, turn on the lights, manage home security, even monitor and control energy use. And you can do all this from anywhere you happen to be, using your smart phone or web-enabled tablet or computer.



**Hydronic or Electric Heat Kit:** An optional kit that can be added to the Hyperion air handler with a simple slide-in module containing all necessary connections.



**Energy Recovery Ventilators (ERVs):** Introduce fresh outdoor air while removing stale indoor air. Efficiently transfer heat and moisture from the exchanged air for enhanced comfort and energy efficiency.



**Humidifiers:** Add moisture to the air to alleviate dry skin and reduce static electricity.



**UV Light Kit:** An optional kit for the Hyperion that improves coil and drain pan cleanliness.

## What is Trane Air™?

We've devoted years to producing air that has been flawlessly conditioned and meticulously cleaned. Air that feels fresh and crisp with each breath. We call it Trane Air, and you can experience it for yourself when you install the optional industry-leading filtration of Trane CleanEffects™.

Air that's dirty and full of particulates can not only feel uncomfortable, it can cause breathing problems for family members and exacerbate existing respiratory problems like asthma and allergies. Fortunately, the exclusive .1 micron filtration of an optional Trane CleanEffects removes up to 99.98% of airborne pollutants from heated and cooled air, providing the most technologically advanced air filtration available. That's welcome relief for everyone in your home.

**Clean Air Delivery Rate** measures the effectiveness of air cleaning appliances. The higher the clean air delivery rate, the more effective the unit is at cleaning the room or home of airborne particles and allergens.

 Typical In-room Appliance	 Standard 1-inch Filter	 Typical Room HEPA Appliance	 Whole-House 5-inch Media Filter	 Whole-House Electronic Air Cleaner	 TRANE CleanEffects
Clean Air Delivery Rate: <b>10</b>	Clean Air Delivery Rate: <b>12</b>	Clean Air Delivery Rate: <b>150</b>	Clean Air Delivery Rate: <b>240</b>	Clean Air Delivery Rate: <b>660</b>	Clean Air Delivery Rate: <b>1,200</b>

## Independent Trane dealers value reliability as much as you do.



Your independent Trane dealer knows his or her reputation is made at every sale, and with every installation. Therefore, they are as personally invested in your comfort as you are, and take great pride in creating your perfect indoor environment.

Trane dealers are some of the most highly trained in the business, with advanced technical skills to optimize every installation and solve any issue.

They have an extensive understanding of the movement and conditioning of air, and the expertise to create a perfectly balanced, ultra-efficient system for every home.

Trane dealers believe in doing the job right, every time. Otherwise, they wouldn't be Trane dealers.

## Reliability, warranties and your peace of mind.

All Trane air handlers have a 10 year parts Limited Warranty with product registration; otherwise the Base Limited Warranty terms of 5 year parts will apply.

- Optional Extended Warranties are available.
- An option to purchase transferability of your Registered Limited Warranty is available. For more information visit [Trane.com](http://Trane.com).

Registered Limited Warranty terms are available if the product is registered within 60 days of installation. Product registration can be completed either online at [Trane.com](http://Trane.com) or by calling 800-554-6413. Ask your dealer for full warranty information at time of purchase. Warranties are for residential use only, some exclusions may apply.



Ingersoll Rand (NYSE:IR) advances the quality of life by creating and sustaining safe, comfortable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Schlage®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings, transport and protect food and perishables, secure homes and commercial properties, and increase industrial productivity and efficiency. We are a \$14 billion global business committed to a world of sustainable progress and enduring results



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[trane.com](http://trane.com)