



## Trane TruComfort™ Variable Speed Systems

Our quietest and most precise  
comfort experience.



*It's Hard To Stop A Trane.®*



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## Put your comfort on cruise control.

Trane TruComfort™ Variable Speed systems maintain a consistent temperature with maximum efficiency by automatically making minor, continuous adjustments in output all day long, all night long. The result is efficient, affordable and reliable comfort, like you have never seen before.

XV20i  
Heat Pump or  
Air Conditioner



XV18  
Heat Pump or  
Air Conditioner

## Variable Speed. We started it, then perfected it.

Variable speed is not new technology for Trane. It's technology perfected. Trane was the first in the industry to apply variable speed technology to residential air conditioning. Now Trane brings variable speed technology to the next level, with a system that intuitively adjusts to changing heating and cooling needs, working only as hard as it has to and often at lower, more efficient and quieter speeds.

Trane TruComfort™ technology builds on our tradition of reliability and innovation.



Consistent, efficient, precise comfort at very low sound levels.

Superior whole-house air filtration when used with Trane CleanEffects™. (See back page)

Next level humidity control for ultimate comfort and efficiency.

Tortured and tested to our reliability standards, unrivaled in the industry today.

### Consistent, Quiet Comfort

Trane TruComfort™ systems deliver precise comfort by running at the exact speed necessary to keep your home comfortable. By lowering output capacity and operating speed, they provide efficient and consistent comfort. Additionally, TruComfort™ heat pumps are able to slow fan speeds down as outdoor temperatures drop to reduce cold spots and use of supplemental heat. What's more, sound levels at the lowest speed are an impressive 55 dB on an air conditioner and 54 dB on a heat pump. For sound comparison, a typical home refrigerator operates at 45 dB.

### Enhanced Humidity Control

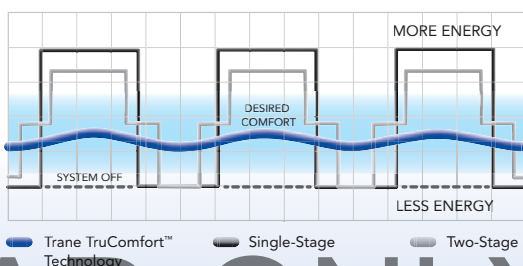
Trane TruComfort™ systems efficiently circulate air around-the-clock to keep your home's humidity levels at a minimum. Longer run times at lower speeds consistently remove more moisture from the air, reducing

humidity. These reduced humidity levels will allow you to adjust your system to a more efficient setting, while you enjoy improved comfort and efficiency.

### Trane Reliability

For over 100 years, Trane has built a legacy of providing comfort systems like no other, featuring uncompromising quality, innovation and reliability. When it comes to heating and cooling homes, people view Trane equipment as the most reliable and the longest lasting in the industry.\* The legacy lives on today with Trane's TruComfort™ Variable Speed systems. The XV20i or XV18, when matched with an indoor variable speed product, creates a whole new level of Trane reliability and consistency that you feel in the air around you and see in month to month energy savings.

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



Trane TruComfort™ systems eliminate uncomfortable temperature swings by staying within 1/2° degree of your setting.

By automatically reducing its output capacity and through longer run times, Trane TruComfort™ systems operate at more efficient, quieter speeds rather than cycling on and off to maintain your desired comfort settings. The graphic shows output capacity compared to airflow on conventional single and two-stage systems.

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XV20i Heat Pump

**1 ComfortLink™ II Communicating Control Board and Unique Refrigerant Cooled Inverter Drive**

Powers the compressor and controls communication between components to optimize your comfort and efficiency.

**2 Climatuff® Variable Speed Compressor**

The heart of Trane TruComfort™ technology automatically adjusts itself while maintaining constant and consistent speeds that avoid temperature swings in the home. Trane tested, tried and true.

**3 Compressor Sound Insulator**

Reduces operating sound for a quieter home environment.

**4 All-Aluminum Spine Fin™ Coil**

Designed to enhance airflow and heat transfer while resisting corrosion and leaks, far better than traditional copper and aluminum coils.

**5 WeatherGuard™ II Top**

Attractive, durable polycarbonate for lasting protection and unique quality design.

**6 DuraTuff™ Rustproof Basepan**

Won't crack, corrode, rust or warp.

**7 Integrated Fan System**

Unique blade-down design improves airflow, enhances performance and reduces sound levels.

**8 Simplified Two-Wire Connection**

Allows for easier installation while reducing the need for structural modifications.

**9 Full-Sided Louvered Panels**

Galvanized steel panels protect internal components while preserving airflow efficiency.

**10 Powder-Paint Finish**

Virtually indestructible for maximum protection against corrosion and rust, and years of reliable protection.

**11 WeatherGuard™ Fasteners**

Zinc-coated for corrosion resistance and longer life.

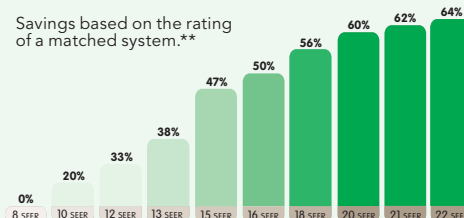
Features and components may vary by model and are shown for illustration purposes only. As part of our continuous product improvement, Trane reserves the right to change specifications and design without notice.

**Save an average of up to \$576 on energy costs each year.\***

System efficiency is measured in SEER, (Seasonal Energy Efficiency Ratio) and HSPF (Heating Seasonal Performance Factor). The higher the SEER and HSPF, the greater the system's energy efficiency, and the lower the overall carbon footprint of your household.

System	Type	Efficiency Rating
XV20i	Air Conditioner	up to 22 SEER
XV20i	Heat Pump	up to 21 SEER/10 HSPF
XV18	Air Conditioner	up to 18 SEER
XV18	Heat Pump	up to 18 SEER/10 HSPF

Savings based on the rating of a matched system.\*\*



\* Based on Energy Star's Savings Calculator for a 3-ton 21 SEER/10HSPF heat pump and programmable thermostat versus the industry standard 13 SEER/7.7 HSPF 3-ton heat pump and standard thermostat in St. Louis, MO.

\*\* The majority of systems installed prior to 2006 are 10 SEER or lower. Potential energy savings may vary depending on your lifestyle, system settings, equipment maintenance, local climate, home construction and installation of equipment and duct system.



Trane TruComfort™ systems work seamlessly with Trane's smart controls and Nexia™ Home Intelligence, allowing you to manage your home's heating and cooling remotely via any web-enabled smartphone, tablet or computer. In addition to climate control, Nexia™ Home Intelligence can be expanded to include remote management of locks, video surveillance, lights, shades, garage doors, energy usage, and more, from wherever life takes you.\*

See [www.nexiahome.com](http://www.nexiahome.com) for the latest information.

\* Subscription required with certain security features.



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## 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.

## Take comfort in our warranties.

The Trane TruComfort™ systems Registered Limited Warranty terms\* include: 12 year limited warranty on compressor, 10 year limited warranty on outdoor coil, and 10 year limited warranty on internal functional

parts. An option to purchase transferability of your Registered Limited Warranty is available. For all coverage options, check with your independent Trane dealer.

\*Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at [Trane.com](http://Trane.com) or by phone at 800-554-6413, otherwise Trane's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on [Trane.com](http://Trane.com). Ask your dealer for full warranty information at time of purchase. Warranties are for residential and multi-family use only, some exclusions may apply.

## Because Trane's Communicating systems match up perfectly, you get even more comfort for your family.

When you choose a Trane Communicating Variable Speed system, you get a family of communicating components that are designed to work seamlessly with each other. The result is not only your ideal home environment, but also the most reliable, clean and comfortable home possible.

of allergens from filtered air. The more consistent and constant airflow of a Trane TruComfort™ Variable Speed system maximizes the advantage of Trane CleanEffects™ technology for the ultimate whole-house air cleaning solution.

**INSIDE AND OUT.** The real benefits of variable speed happen when your outdoor air conditioner or heat pump and your indoor furnace or air handler both use Trane TruComfort™ technology. Ask your dealer for the right match for your home and comfort expectations.

**SMART CONNECTED CONTROL.** A powerful indoor comfort system requires a powerful user control. The Trane ComfortLink™ II XL950 is a home energy management tool that you can control from wherever you go via your smart phone or mobile device. It can even do the little things like remind you and/or your dealer to change or clean the filter.

**THE CLEANEST AIR ON THE PLANET.** Trane CleanEffects™ is the most effective whole-house air filtration system available, removing up to 99.98%



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



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