



TRANE

It's Hard To Stop A Trane.

Trane TruComfort™ Variable Speed Systems



IR Ingersoll Rand



It's Hard To Stop A Trane.®

Variable Speed. We created 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.

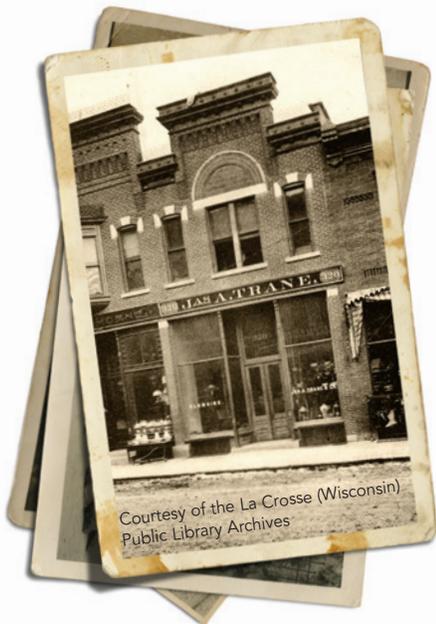


XV20i
Heat Pump or
Air Conditioner



XV18
Heat Pump or
Air Conditioner

XV19
Heat Pump



Trane Storefront
La Crosse, Wisconsin
1891

Courtesy of the La Crosse (Wisconsin)
Public Library Archives

It all started over a hundred years ago, when 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.

We're not the only ones talking about Trane reliability.

- ✓ In 2018, Lifestory Research named Trane America's Most Trusted® HVAC System 4 years in a row.*
- ✓ Winner of the Dealer Design Award presented by Air Conditioning, Heating & Refrigeration NEWS, the industry's leading trade publication, for the fifth year in a row.
- ✓ Winner of the David Weekley Homes' prestigious Partners of Choice Award for Service and Product Performance.



Take a look inside one of the torture chambers at the Trane testing facility in Tyler, Texas. Although most outdoor products will never go through these kind of extremes, we believe in taking extraordinary measures to ensure the reliability of a Trane.

*Trane received the highest numerical score in the proprietary Lifestory Research America's Most Trusted® HVAC System Study for years 2015, 2016, 2017 and 2018. Your experiences may vary. Visit www.lifestoryresearch.com.

More stages mean more comfort and efficiency.

Staging refers to an air conditioner's or heat pump's ability to run at different capacities in order to increase comfort levels and boost efficiency. For example, two-stage systems offer better comfort and higher efficiency than single-stage systems, while Trane's TruComfort™ variable speed system, with 500 to 750 stages, offers maximum comfort with the highest efficiency.

What does "Stages of Comfort" really mean?
 Sometimes you just feel "too hot" or "too cold" between cycles of your system. Having 500/750 stages nearly eliminates temperature fluctuations. Your system glides along as if on cruise control, barely sipping electricity for much of the day. It also runs at lower speeds for longer periods of time offering:

- **Advanced temperature control**
- **Lower humidity**
- **Reduced sound**
- **Enhanced filtration**
- **Lowest cost per minute**

700

STAGES OF COMFORT

AIR CONDITIONERS



XV20i

Best in Category

UP TO
22
SEER



XV18

UP TO
18
SEER

750

STAGES OF COMFORT

HEAT PUMPS



XV20i

Best in Category

UP TO
21
SEER

UP TO
10
HSPF



XV18

UP TO
18
SEER

UP TO
10
HSPF

500-700

STAGES OF COMFORT

XV19 ULTRA QUIET OPERATION

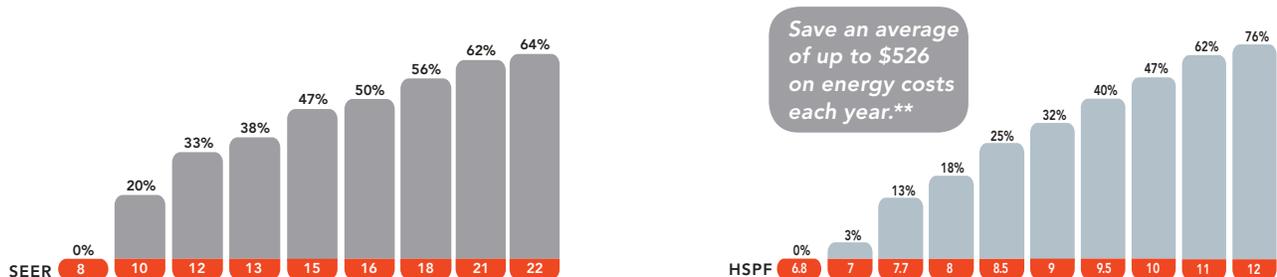


UP TO 19.5 SEER

UP TO 11.5 HSPF

- Trane's Quietest and Most Efficient Heat Pump
- Operating sound levels of 43 to 57dBA
- Smaller footprint for space-constrained applications

Annual savings for cooling and heating your home based on the efficiency of a matched system.*



The higher the system SEER and HSPF ratings, the more comfort you will get from each energy dollar.

Different ratings measure the efficiency of specific types of heating/cooling systems. Here's what you need to know.

- **SEER (Seasonal Energy Efficiency Ratio)** measures air conditioning and heat pump cooling efficiency.
- **HSPF (Heating Seasonal Performance Factor)** measures the efficiency of a heat pump.

* The majority of systems installed prior to 2006 are 10 SEER or lower. 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.

** Based on Energy Star's Savings Calculator for a 3-ton 21 SEER/10 HSPF heat pump and programmable thermostat versus the industry standard 14 SEER/8.2 HSPF 3-ton heat pump and standard thermostat in St. Louis, MO.

A CLOSER LOOK INSIDE A TRANE TRUCOMFORT™ SYSTEM.

WeatherGuard™ II Top is not only attractive, the durable polycarbonate material provides lasting protection.

Exclusive Refrigerant Cooled Inverter keeps electronics at a consistent temperature leading to improved performance and reliability.

Climatuff® Variable Speed Compressor is the heart of Trane TruComfort™ technology. It automatically adjusts itself while maintaining constant and consistent comfort.

Compressor Sound Insulators reduce operating sound for a quieter home environment.



Integrated Fan System with its unique blade-down design improves airflow, enhances performance and reduces sound levels.

Exclusive All-Aluminum Spine Fin™ Woven Coil enhances airflow and heat transfer while resisting corrosion and leaks. They are proven far more reliable than traditional copper and aluminum coils.

ComfortLink™ II Communicating Control Board powers the compressor and controls communication between components to optimize your comfort and efficiency.

Simplified Two-Wire Connection allows for easier installation while reducing the need for structural modifications.

DuraTuff™ Rustproof Basepan won't crack, corrode, rust or warp.

Full-Sided Galvanized Steel Louvered Panels protect internal components while preserving airflow efficiency.

Powder-Paint Finish is virtually indestructible for maximum protection against corrosion and rust.

WeatherGuard™ Zinc-Coated Fasteners for corrosion resistance and longer life because even minor details are what Trane reliability is all about.

All Trane TruComfort air conditioners and heat pumps* have a 10 year registered limited warranty on the outdoor coil and all other internal functional parts and a 12 year registered limited warranty on the compressor.

Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at 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. Ask your dealer for full warranty information at time of purchase. Warranties are for residential and multi-family use only, some exclusions may apply.

The XV20i heat pump shown is for illustration purposes only. Please note that features and components may vary by model. As part of our continuous product improvement, Trane reserves the right to change specifications and design without notice.

*XV19 Heat Pump models have a 10-year registered limited warranty on the compressor.



Trane TruComfort systems work seamlessly with the Nexia™ smart home system and Trane's Nexia-enabled controls, 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 can be expanded to include Nexia diagnostics, remote management of locks, video surveillance, lights, shades, garage doors, energy usage, and more, from wherever life takes you.*

See www.nexiahome.com for the latest information.



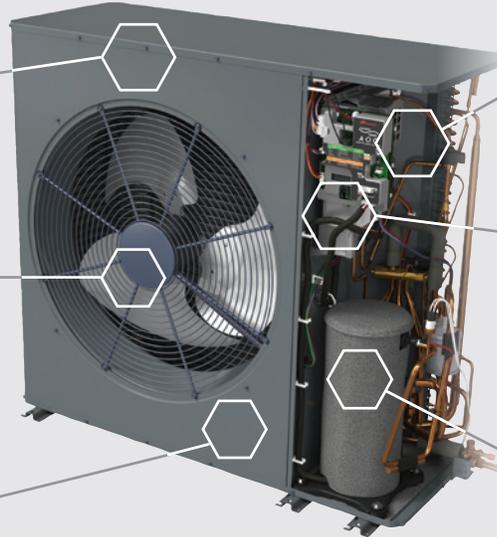
*Requires Internet service and a Nexia account. Includes service for up to 4 controls. Ask your Trane dealer for details.

A CLOSER LOOK INSIDE A TRANE TRUCOMFORT™ XV19 SYSTEM.

Weatherguard™ Zinc Coated Fasteners for corrosion resistance and prolonged life because even minor details are what Trane is all about.

Integrated Fan System with its unique leading edge swept blade design improves airflow, enhances performance and reduces sound levels.

Super Durable Powder-Paint Finish is virtually indestructible for maximum protection against corrosion and rust.



Duratuff™ Coil with refrigeration grade copper tubes and enhanced aluminum fin surface maximizes heat transfer.

Single panel control compartment allows easy access to controls and reduces operating sound.

Climatuff™ Compressor is the heart of the Trane technology and comes with a 10-yr registered limited warranty.

Smaller footprint means this unit will fit where traditional sized units cannot. Great use for under decking.

Excellent efficiency up to 19.5 SEER and up to 14 EER.

Quieter running sound as low as 43 dBA.

All XV19 variable speed low profile side discharge units have a 10-year registered limited warranty on the compressor, outdoor coil and all other internal functional parts and a 5-year base warranty on the compressor, coil and all other internal functional parts.

Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at 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. Ask your dealer for full warranty information at time of purchase. Warranties are for residential and multi-family use only, some exclusions may apply.

Don't forget trusted Trane air quality options.



Air Cleaners: the Trane CleanEffects™ whole house air cleaner is the ultimate in air filtration, up to 100 times more effective than a standard 1" throwaway filter.

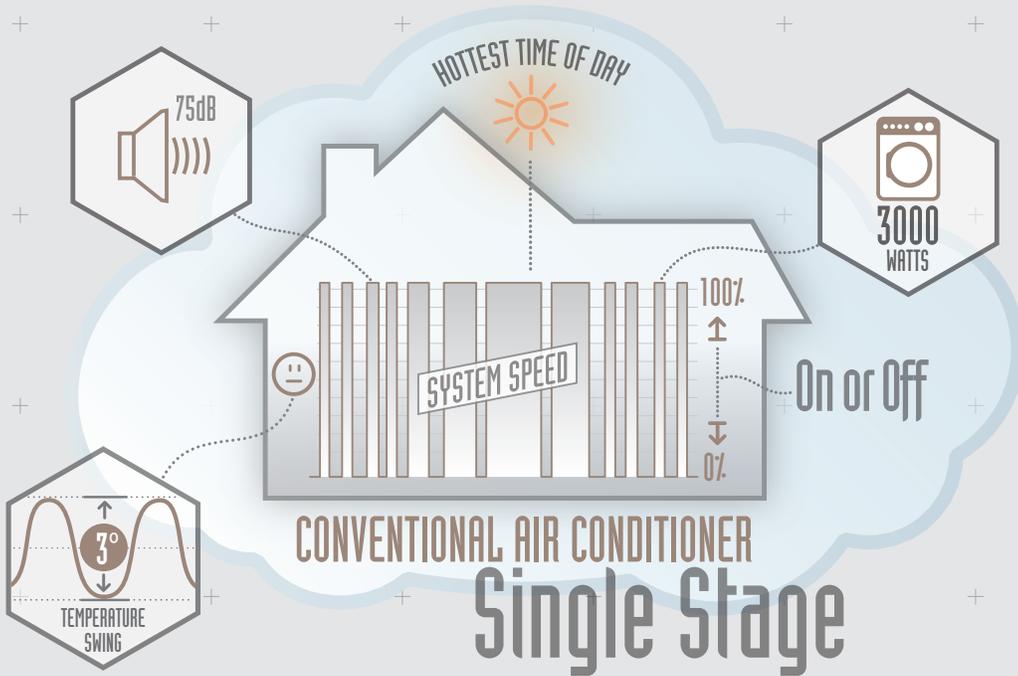


FreshEffects™ Energy Recovery Ventilator is an energy-efficient way to exchange air inside your home to exchange air inside your home with fresh air from outside, removing lingering odors like cooking smells while improving overall air quality.



Trane's Humidifiers can adjust from summer to winter to provide the right amount of moisture to the air throughout your home.

Discover the many advantages of a Trane TruComfort™ Variable Speed System.



On or Off again.

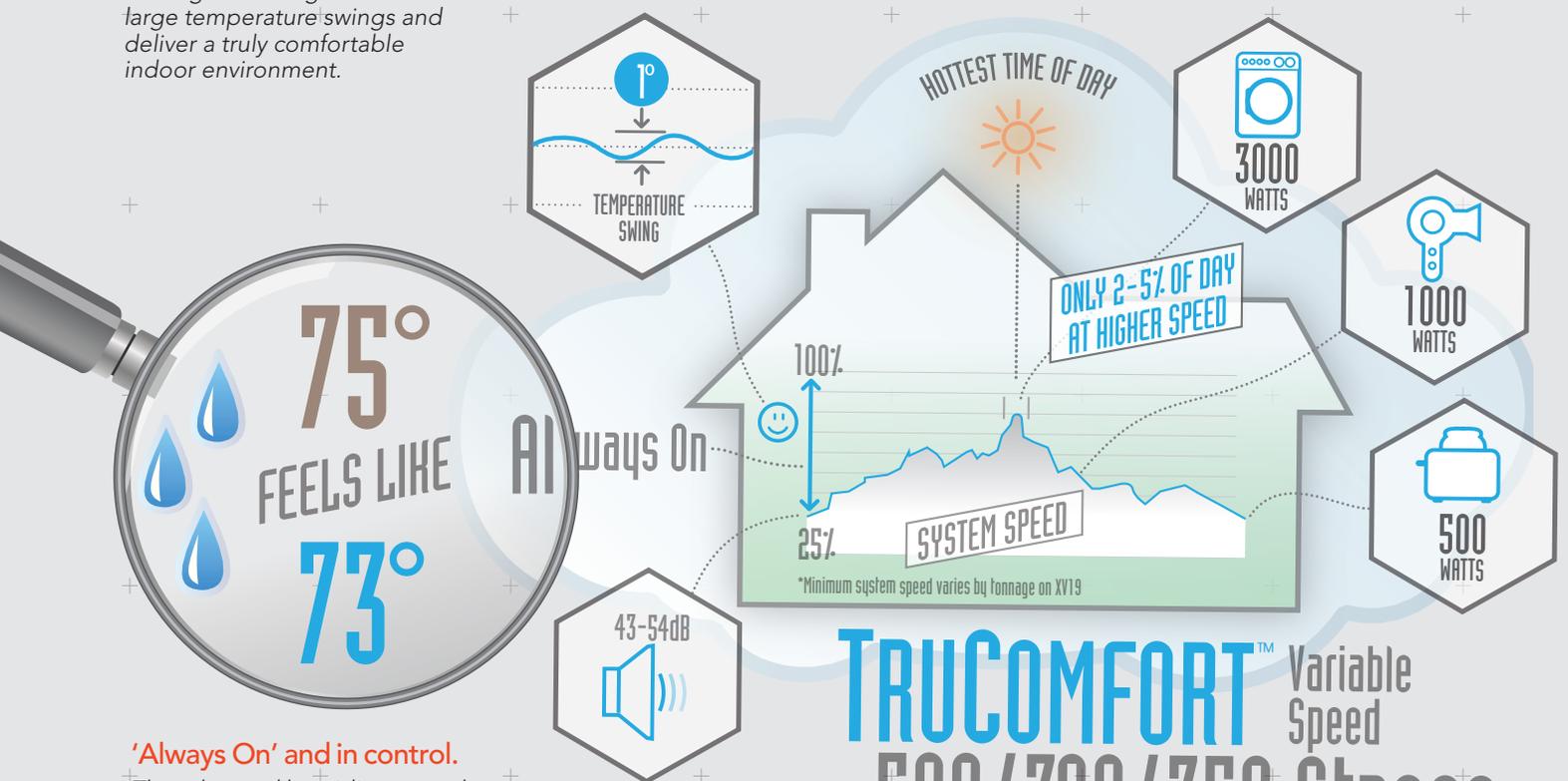
Conventional systems tend to leave gaps in comfort in-between cycles which is the most likely cause if you are feeling warm or cold at times during a typical day in your home.

Leave the swings outside.

500/700/750 stages of cooling or heating avoid large temperature swings and deliver a truly comfortable indoor environment.

Speed is not the only variable.

TruComfort only uses the power it needs, when it needs it.



'Always On' and in control.

The advanced humidity control of a TruComfort system actually feels better at more efficient temperature settings.

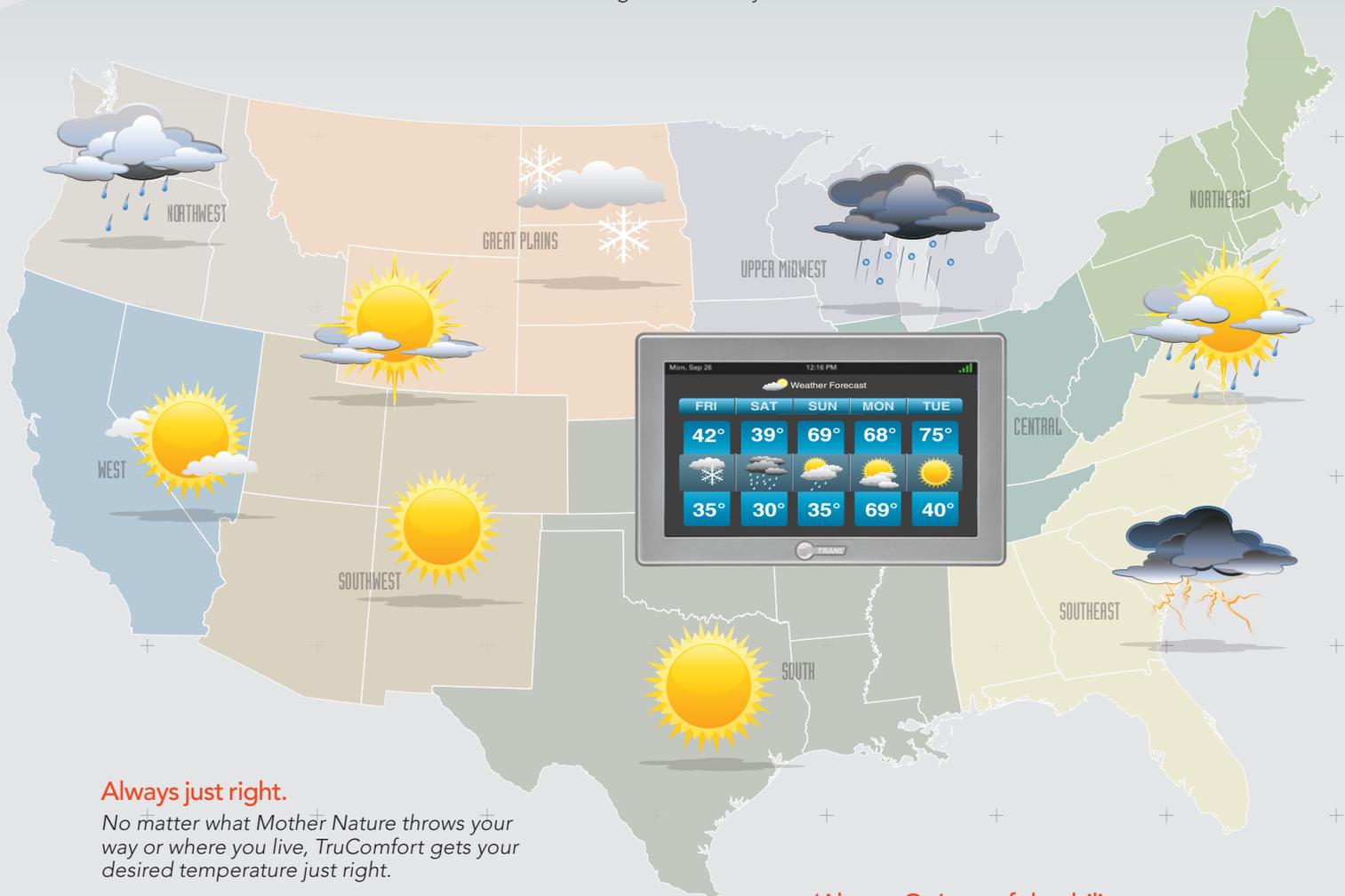
Quietly comfortable.

At minimal sound levels for most of the day, it will even sound more comfortable.



Cruise control for comfort.

Just like going up or down a hill in an automobile with the cruise control on, TruComfort automatically adjusts its speed and conserves fuel while maintaining the comfort you set.

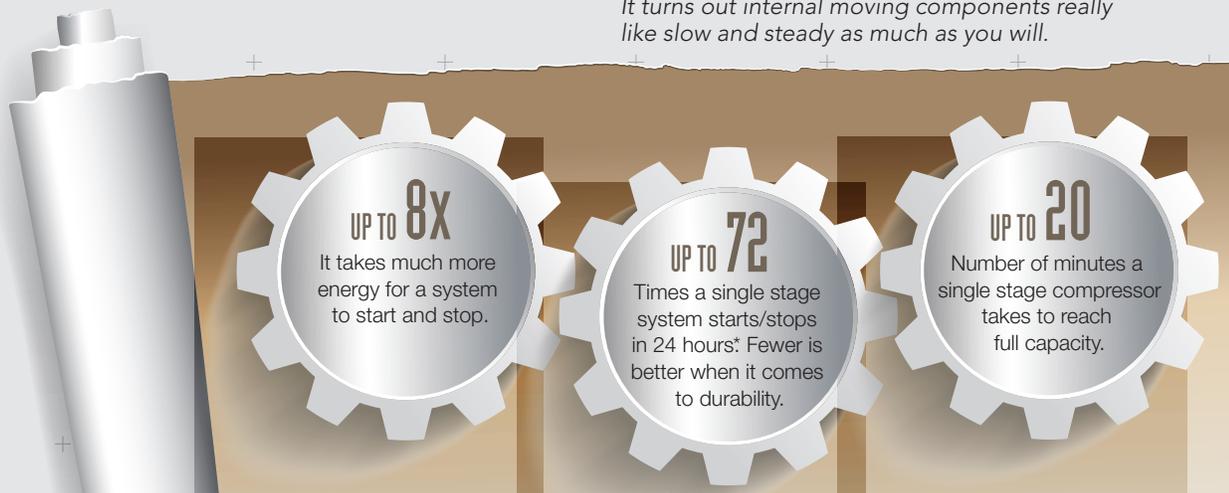


Always just right.

No matter what Mother Nature throws your way or where you live, TruComfort gets your desired temperature just right.

'Always On' top of durability.

It turns out internal moving components really like slow and steady as much as you will.



*During peak season.



We Encourage Professionalism



Through Technician Certification by NATE



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 \$14 billion global business committed to a world of sustainable progress and enduring results.

