



**TRANE**

*It's Hard To Stop A Trane.*

**Air Conditioners**



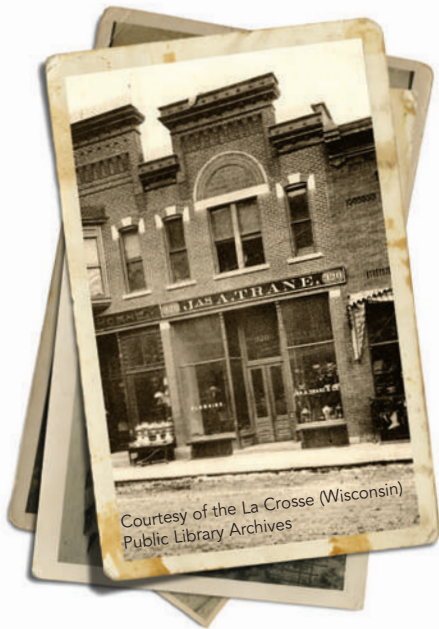
**IR** Ingersoll Rand



*It's Hard To Stop A Trane.®*

## The most reliable and longest lasting in the industry.\*

Extreme is not even close to our approach to product testing. Cruel and unusual may be a better way to describe what a Trane endures to wear the badge. We push our products to the limit and beyond, so you can rest easy knowing there's a Trane working hard day in day out to make your family comfortable — for a long, long time.



Trane Storefront  
La Crosse, Wisconsin  
1891

Courtesy of the La Crosse (Wisconsin)  
Public Library Archives

**It 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.

*Ice buildup on refrigerant lines of a compressor reflects the stress of our extreme testing. "Snowball II" has been in a constant state of overcharge since 2003, sort of like running a car 70 miles an hour around the clock to see how long it will last. Once this test is complete, we'll take it apart and see how we can make it better. It might take awhile though; the first Snowball survived under these same conditions for 28 years.*



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

- ✓ In 2016, Lifestory Research found that consumers recognized Trane as America's Most Trusted™ HVAC System for the second year 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.

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

\*\* Trane received the highest numerical score in the United States in the proprietary Lifestory Research 2016 America's Most Trusted™ Heating, Ventilation, & Air Conditioning (HVAC) System study. Study based on 17,878 surveys among residential consumers. Proprietary study results are based on experiences and perceptions of consumers surveyed between January and December 2015. For details see [www.lifestoryresearch.com](http://www.lifestoryresearch.com).





WE  
FREEZE,  
BROIL,  
STRESS,  
DROP,  
SHOCK,  
EXPOSE,  
LISTEN,  
AND  
TAKE 'EM  
HOME  
WITH US.

The Systems Extreme Environmental Test Lab is just one of many tests our outdoor products are put to. It's where we pack a lifetime of mother nature's fury into 16 weeks of torture that would stand up to the harshest environment this planet has to offer. Then we test them where it really matters: in our homes. Just one of the many reasons why *It's Hard To Stop A Trane.*



*It's Hard To Stop A Trane.®*



# More stages mean more comfort and efficiency.

Staging refers to an air conditioner's ability to run at less than its maximum capacity in order to increase comfort levels and boost efficiency. For example, two-stage systems offer better comfort and higher efficiency (SEER ratings) than single-stage systems, while Trane's TruComfort™ variable speed system, with 700 stages, offers maximum comfort with the highest efficiency.

**700 STAGES OF COMFORT – VARIABLE SPEED**

**XV20i** Best in Category UP TO 22 SEER

**XV18** UP TO 18 SEER

MAINTAINS +/- .5°

**2 STAGES OF COMFORT**

**XL18i** Best in Category UP TO 18 SEER

**XR17** UP TO 18 SEER

MAINTAINS +/- 1.0°

**1 STAGE OF COMFORT**

**XL16i** Best in Category UP TO 17 SEER

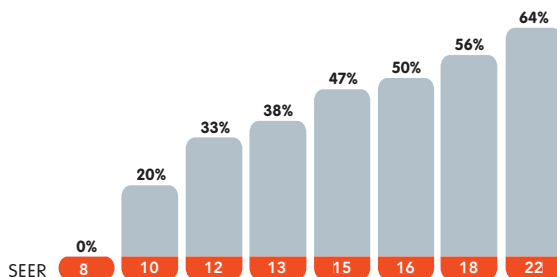
**XR13-16** UP TO 13-17 SEER

**SIDE DISCHARGE XR16** Best for space constrained applications UP TO 17 SEER

MAINTAINS +/- 1.5°

**What does 700 stages of comfort really mean?**  
 Sometimes you just feel “too hot” or “too cold” between cycles of your system. Having 700 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



## 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.

\* 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.

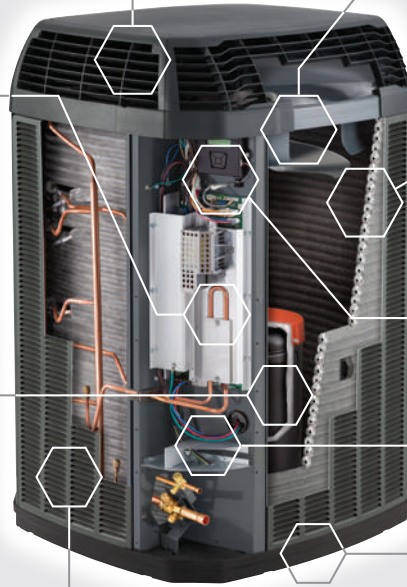
## A CLOSER LOOK INSIDE A TRANE AIR CONDITIONER.

**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, and years of reliable protection.

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

The XV20i 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.

### A Trane For Every Home

	XV20i	XV18	XL18i	XL16i	XR17	XR16	XR14	XR13	XR16 Side Discharge
ComfortLink™ II Capability	•	•							
Climatuff® Compressor (stages)	700	700	2	1	2	1	1	1	1
Capacity Variability %	30 – 100*	30 – 100*	70/100	100	70/100	100	100	100	100
Compressor Sound Insulator	•	•							
Overall Sound Power Level [dB(A)]	57 – 75	57 – 75	72 – 74	69 – 74	72 – 74	71 – 74	72 – 73	71 – 75	70 – 73
Spine Fin™ Coil	•	•	•	•	•	•	•	•	Plate fin
High SEER Efficiency (up to)	22.00	18.00	18.00	17.00	18.00	17.00	16.00	14.75	17.00

All Trane air conditioners have a 10 year registered limited warranty on the outdoor coil and all other internal functional parts (residential use). The XR units have a 10 year registered limited warranty on the compressor, while the XV and XL units have 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](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.

\*XV20i/XV18 vary speed in 1/10 of 1% increments.

## Why a Trane matched system?

Reliability, efficiency and comfort are serious business at Trane. The best way to maximize all three of these is with a complete Trane system. For example, the performance and efficiency of an outdoor air conditioning unit is based on being matched with a similarly engineered indoor unit of like size and capacity. If only the outdoor unit is replaced and must utilize an existing indoor coil and air handler or furnace, it could actually suffer more than a 20% decline in SEER and compromise reliability and comfort.

**Exclusive Spine Fin™ Coil** technology comes standard in every Trane outdoor product. No other heat exchanger has been able to beat its efficiency.



Conventional exposed plate fin stands little chance in harsh environments.



**Trane's Industry-First All Aluminum Comfort™ Coils** are revolutionary in an industry tied to copper, which means longer life and industry leading resistance to corrosion.



Traditional copper and galvanized steel coils are highly susceptible to corrosion.

**Exclusive Trane Nexia-Enabled Controls** help manage your home comfort from wherever you happen to be. They can also easily control over 400 compatible Z-Wave devices like door locks, lighting, garage door openers and window sensors.



## 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 inch throwaway filter.



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



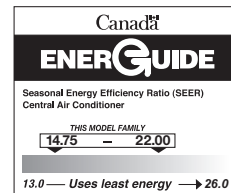
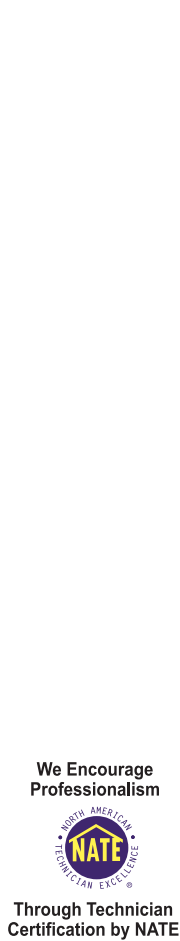
**Trane's Humidifiers** can adjust from summer to winter to provide the right amount of moisture to the air throughout your home.





**They're as hard to stop as a Trane itself.**

Independent Trane dealers are as personally invested in your comfort as you are, and take great pride in creating your perfect indoor environment. They are some of the most highly trained in the business and have an extensive understanding of the movement and conditioning of air and the expertise to advise, install and maintain the right system for your home.



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 \$13 billion global business committed to a world of sustainable progress and enduring results.

