



## Trane 80 Gas Furnaces

Feel good all winter. Feel smart all year.



*It's Hard To Stop A Trane.®*





## Trane 80 Gas Furnaces. A smart decision. And a lot of warm, comfortable winters.

### 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.\* People expect more from a leader, and Trane delivers.

- 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.

We take pride in every furnace we build. Because we build every furnace right. Inside your Trane 80 gas furnace you'll find premium materials, time-tested designs and true craftsmanship. From zinc-coated screws to the precise angles of our fan blades, every innovative feature is there to give you more than you're expecting. Which is exactly what you'd expect from a leader.

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



### Reliable efficiency from a solid performer.

Every Trane 80 furnace delivers an AFUE (Annual Fuel Utilization Efficiency) of up to 80%, exceeding government standards for new furnace efficiency. That means a full 80% of the fuel you pay for is converted into heat you can use. If your current furnace is 15 or more years old, replacing it with a Trane 80 furnace is a smart investment not only in your energy use, but also in your comfort.

### Two-stage heating for maximum comfort.

Trane 80 two-stage furnaces offer substantial comfort with an eye towards efficiency. Most of the time, a two-stage furnace operates at its lowest, most energy-efficient speed. If more heat is needed, your Trane 80 furnace activates its higher, warmer stage to send a wave of cozy heat through your home.

### A new Trane furnace with a higher AFUE can save you money every month.

If you have an older furnace, you may be spending more on fuel than you need to. Compare the AFUE of your old system to the AFUE of a new Trane 80 gas furnace and see how much you can potentially save. For example, upgrading from an AFUE of 60 to an AFUE of 80 can save up to \$25 of every \$100 spent on fuel.

**Calculate your savings for every \$100 spent on energy.**

|                                   | AFUE of New System |      |
|-----------------------------------|--------------------|------|
|                                   | 80%                |      |
| AFUE Rating<br>of Existing System | 50%                | \$37 |
|                                   | 55%                | \$31 |
|                                   | 60%                | \$25 |
|                                   | 65%                | \$19 |
|                                   | 70%                | \$12 |
|                                   | 75%                | \$6  |

Source: American Council for an Energy Efficient Economy

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.

### Stay warm. Stay smart.

The efficiency of any furnace is measured in AFUE, or Annual Fuel Utilization Efficiency. AFUE measures how much of the fuel you pay for is actually turned into usable heat. Because of their smart design, Trane 80 gas furnaces have an AFUE of up to 80%, meaning up to 80% of your fuel is converted into usable heat. With that kind of efficiency, you can keep your home comfortable while still using energy wisely.



## A rock-solid performer, inside and out.

Features and components may vary by model and are shown for illustration purposes only.



XC80  
Communicating

- 1 ComfortLink™ II Communicating Capability**  
Keeps every component in constant digital communication with the thermostat to monitor system status and optimize performance, comfort and efficiency.
- 2 Communicating User Interface**  
Clearly displays ComfortLink™ II information including diagnostics, maintenance and troubleshooting data.
- 3 Simplified Three-Wire Connection**  
Allows for easy installation and is less invasive to the structure of your home.
- 4 Variable-Speed Blower Motor With Comfort-R™**  
Allows for quieter system startups and shutdowns, and more even heating throughout your home. Comfort-R technology regulates airspeed at startup to carefully control humidity levels.
- 5 Silicon Nitride Hot Surface Igniter**  
More reliable than standard igniters, it automatically adjusts itself to the most efficient ignition temperature for longer life.



### XC80 Variable-Speed Furnace with ComfortLink™ II Communicating Technology

Communicating technology constantly monitors system status and optimizes performance, while two-stage heating increases comfort and efficiency. A variable-speed motor reduces operating noise and distributes comfort more evenly, while Comfort-R keeps humidity levels ideal.

### XV80 Variable-Speed Furnace with Comfort-R™

Two-stage heating creates more comfort while using less energy. Comfort-R regulates humidity levels, while a variable-speed motor means quieter startups and shutdowns, and gentle warmth throughout your home.

### XL80 Two-Stage Furnace

A four-speed blower motor delivers consistent, even comfort, while two-stage heating optimizes your fuel use for greater efficiency.



*It's Hard To Stop A Trane.®*

- 6 Two-Stage Gas Valve**  
Adjusts fuel use based on your heating demand, so you use gas more efficiently without sacrificing comfort.
- 7 Aluminized Heat Exchanger**  
Made of aluminized steel and crimped, not welded, for greater resistance to stress cracks and much longer life.
- 8 Efficient Burners**  
Multi-port in-shot burners perfectly shape the flame cone to maximize heat and minimize fuel use.
- 9 Automotive-Grade Gaskets**  
Provide a tighter seal for reduced air leakage and lower sound levels.
- 10 Insulated Heavy Steel Cabinet**  
Designed to reduce operating sound levels, and stay attractive for years.

#### 80 Furnaces

|                                                                    | XC80 | XV80 | XL80 | XT80 | XR80 | XB80 |
|--------------------------------------------------------------------|------|------|------|------|------|------|
| ComfortLink™ II Communicating Capability                           | •    |      |      |      |      |      |
| Communicating User Interface                                       | •    |      |      |      |      |      |
| Variable-Speed Blower Motor                                        | •    | •    |      |      |      |      |
| Comfort-R™ Humidity Control                                        | •    | •    |      |      |      |      |
| Compatible with Trane CleanEffects TFD Models                      | •    | •    | •    | •    | •    | •    |
| High Efficiency Continuous Fan Mode                                | •    | •    |      |      |      |      |
| High Efficiency Motor                                              | •    | •    |      | •    |      |      |
| Four-Speed Blower Motor                                            |      |      | •    | •    | •    | •    |
| Two-Stage Gas Heat                                                 | •    | •    | •    |      |      |      |
| 40" High x 28"1 Deep Cabinet                                       | •    | •    | •    | •    | •    | •    |
| Convertible To Horizontal                                          | •    | •    | •    | •    | •    | •    |
| Self-Diagnostic Microelectronic Control                            | •    | •    | •    | •    | •    | •    |
| Silicon Nitride Hot Surface Igniter                                | •    | •    | •    | •    | •    | •    |
| Multi-Port, In-Shot Burners                                        | •    | •    | •    | •    | •    | •    |
| Prepainted Galvanized Steel Cabinet                                | •    | •    | •    | •    | •    | •    |
| Cleanable Filter                                                   | •    | •    |      | •    |      |      |
| One-Piece Heat Exchanger With No Welds                             | •    | •    | •    | •    | •    | •    |
| Insulated Blower Cabinet                                           | •    | •    | •    | •    | •    |      |
| Lifetime Limited Warranty on the Heat Exchanger with registration* | •    | •    |      |      |      |      |
| 20 Year Limited Warranty on the Heat Exchanger with registration*  |      |      | •    | •    | •    | •    |
| 10 year Limited Warranty on Functional Parts with registration*    | •    | •    | •    | •    | •    | •    |

\*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 use only, some exclusions may apply.



#### XT80 Single-Stage Furnace

A high-efficiency motor moves heat with minimal energy so you can be as energy-smart as you are comfortable.

#### XR80 Single-Stage Furnace

A four-speed blower motor and heavy, insulated cabinet help you stay comfortable and energy efficient year after year.

#### XB80 Single-Stage Furnace

Delivers the hardworking, reliable comfort you expect from a Trane, even during the coldest winters.

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

A Trane 80 gas furnace is the foundation for the amazing comfort of a Trane matched system.



Your Trane gas furnace is already going to make you more comfortable than you imagine. But there's a whole new level of comfort available when your gas furnace is installed with other Trane components designed specifically to work with it.

When matched Trane components combine together into a complete system, you get more warmth, more cooling and more clean air from the energy you use.



**Furnace:** Converts fuel into heat, then uses a blower to circulate warm air throughout your house. In summer, the furnace shuts off its burners and works with your heat pump or air conditioner to circulate cool air.

A Trane furnace uses specially shaped burners and an innovative gas valve to create more heat from less fuel, and a highly efficient fan motor to circulate air. As part of a matched Trane system, a Trane furnace can take you to new levels of comfort and efficiency.



**Indoor Coil:** As air passes through the coil, it serves as a "heat exchanger," working in conjunction with a furnace blower and air conditioner to cool your home.



**Thermostat:** Your matched Trane system is controlled by an intelligent, reliable Trane thermostat. Programmable and non-programmable models are available to match any decor.



**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.



**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.



**Nexia™ Home Intelligence:** Remote climate access through Nexia™ Home Intelligence is included with the Trane ComfortLink™ II Control. Nexia allows you to adjust heating and cooling in your home, and monitor and control energy use, all from wherever you happen to be, using your smart phone or web-enabled tablet or computer.

## 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:  | Clean Air Delivery Rate: | Clean Air Delivery Rate:    | Clean Air Delivery Rate:        | Clean Air Delivery Rate:           | Clean Air Delivery Rate: |
| 10                        | 12                       | 150                         | 240                             | 660                                | 1,200                    |

## 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 first-rate warranties.

Your investment in a Trane furnace is well protected with limited warranties on the heat exchanger and functional parts. An option to purchase transferability of your Registered Limited Warranty is available. Optional Extended Warranties are also available. Extended Warranties can pay

for labor and other costs not covered by manufacturer's limited warranty. Ask your independent Trane dealer for full warranty information at time of purchase. Warranties are for residential and multi-family use only, some exclusions may apply.



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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