



It's Hard To Stop A Trane.

80% GAS FURNACES

72-1215-28

# 80% GAS FURNACES



Every Trane 80% furnace delivers an Annual Fuel Utilization Efficiency (AFUE) of 80%, exceeding federal government standards for furnace efficiency. This means that 80% of the energy you pay for is converted into heat that keeps your home comfortable no matter what the weather's like outside.

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TRANE  
TECHNOLOGIES™



## COMMUNICATING TECHNOLOGY FOR OPTIMAL PERFORMANCE.

Trane®'s communicating 80% gas furnaces are designed to deliver premium indoor comfort with precise control over temperature, humidity and air quality. Our advanced ComfortLink® II communicating technology seamlessly connects each of your system's components, allowing for advanced diagnostics and system performance updates to keep your unit running at optimal performance levels throughout its lifetime.



## MULTIPLE OPTIONS FOR EFFICIENT HEATING.

Trane's 80% two-stage gas furnaces offer an ideal blend of comfort and efficiency by adjusting fuel usage and run times to deliver just the right amount of heat. With these adjustments, you'll experience enhanced comfort, reduced temperature swings, and lower energy bills. Meanwhile, Trane's 80% single-stage gas furnaces provide an affordable option with the durable components you expect from the Trane brand.

**WE FREEZE.  
BROIL.  
STRESS.  
DROP.  
SHOCK.  
EXPOSE.  
LISTEN.**

## SEET® TESTED

Every Trane system is put through some of the most extreme conditions found in nature in our SEET [Systems Extreme Environmental Test] lab. Put through five years of severe wear and tear in just a few months, our products can stand up to the harshest environments imaginable.



**AMERICA'S MOST TRUSTED® HVAC BRAND  
8 CONSECUTIVE YEARS<sup>1</sup>**



**MOST RELIABLE HEATING AND COOLING  
EQUIPMENT BRAND<sup>2</sup>**

<sup>1</sup>Trane received the highest numerical score in the proprietary Lifestory Research America's Most Trusted® HVAC Brand study for years 2015, 2016, 2017, 2018, 2019, 2020, 2021 & 2022. Study results are based on experiences and perceptions of people surveyed. Your experiences may vary. Visit [www.lifestoryresearch.com](http://www.lifestoryresearch.com).

<sup>2</sup>Trane Technologies Marketing Insights. Trane Brand Consumer Survey. July 2020.

150°

**WE'RE NOT  
THE ONLY  
ONES  
TALKING  
ABOUT  
TRANE'S  
RELIABILITY.**

## A CLOSER LOOK

**Silicon Nitride Hot Surface Igniter**  
More reliable than fuel-burning igniters with efficient, electronic operation.

**Two-Stage Gas Valve**  
Adjusts fuel use based on your heating demand, so you use gas more efficiently without sacrificing comfort.

**Efficient Burners**  
Multi-port in-shot burners perfectly shape the flame cone to maximize heat and minimize fuel use.

**Communicating User Interface**  
Clearly displays ComfortLink® II information, including diagnostics, maintenance and troubleshooting data.

**Automotive-Grade Gaskets**  
Provide a tighter seal for reduced air leakage and lower sound levels.



**XC80  
COMMUNICATING**



**Insulated Steel Cabinet**  
Designed to reduce operating sound levels and stay attractive for years.

**Aluminized Heat Exchanger**  
Made of aluminized steel and crimped, not welded, for greater resistance to stress cracks and a much longer life.

**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.

**Simplified Three-Wire Connection**  
Allows for easy installation and is less invasive to the structure of your home.

**ComfortLink® II Communicating Capability**  
Keeps every component in constant digital communication with the thermostat to monitor system status and optimize performance, comfort and efficiency.

**Silicon Nitride Hot Surface Igniter**  
Provides a highly reliable ignition system for longer service life.

**Multi-Port In-Shot Burners**  
Perfectly shape the flame cone for the maximum heat possible while using less fuel.

**Two-Stage Gas Valve**  
Adjusts fuel use based on your heating demand, providing more comfort with lower, longer run times and reduced temperature swings.

**Durable Steel Insulated Cabinet**  
Holds more heat in the furnace, ensures greater durability and reduces operating sound.



**S8X2**

**Aluminized Steel Heat Exchanger**  
Has a reliable design that resists corrosion, efficiently transfers heat, and is backed by a 20 year warranty.

**Two-Speed Draft Inducer**  
Works seamlessly with the two-stage gas valve to enhance efficiency, comfort and reliability.

**High Efficiency Constant Torque ECM Motor**  
Helps reduce monthly energy bills, reduce noise, & deliver the best possible airflow to keep your home comfortable.

**Vortica™ II Blower**  
Is quiet and efficient in both heating season and cooling season, and is only available from Trane.

*The XC80 and S8X2 shown are 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.*

## FEATURES

	XC80	XV80	S8X2	S8X1	S8B1
Annual Fuel Utilization Efficiency (AFUE)	80%	80%	80%	80%	80%
ComfortLink® II Communicating Technology	✓				
Communicating User Interface	✓				
Variable-Speed Blower Motor	✓	✓			
Comfort-R™ Humidity Control	✓	✓			
Two-Stage Heat	✓	✓	✓		
High Efficiency Constant Torque ECM Blower Motor			✓	✓	✓
Exclusive Vortica™ II Blower Housing Design			✓	✓	✓
Compatible with Two-Stage Outdoor Units	✓	✓	✓	✓	
Insulated Blower Compartment	✓	✓	✓	✓	
Silicon Nitride Hot Surface Igniter	✓	✓	✓	✓	✓
Durable, Aluminized Steel Heat Exchanger	✓	✓	✓	✓	✓
Self-Diagnostic Integrated Furnace Control	✓	✓	✓	✓	✓
Heavy Gauge, Painted Steel Cabinet	✓	✓	✓	✓	✓
Compatible with Trane CleanEffects® Models	✓	✓	✓	✓	✓
Limited Lifetime Heat Exchanger Warranty with registration*	✓	✓			
20 Year Heat Exchanger Warranty with registration*			✓	✓	✓
10 Year Limited Parts Warranty 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 855-260-2975, 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.

For installation in SCAQMD only: This furnace does not meet the SCAQMD Rule 1111 14 ng/J NOx emission limit, and thus is subject to a mitigation fee of up to \$450. This furnace is not eligible for the Clean Air Furnace Rebate Program: [www.CleanAirFurnaceRebate.com](http://www.CleanAirFurnaceRebate.com)

# TRANE DEALERS ARE AS HARD TO STOP AS A TRANE ITSELF.

Independent Trane dealers take great pride in creating your perfect indoor environment. They are some of the most highly trained professionals in the business—with an extensive understanding of the movement and conditioning of air and the expertise to recommend, install and maintain the right system for your home.

WE ARE COMMITTED TO USING ENVIRONMENTALLY FRIENDLY PRINTING PRACTICES.



## COMFORT. CONTROL. EFFICIENCY.

Optimize the comfort and efficiency of your home with the Trane Home smart comfort system.

The Trane Home mobile app gives you remote access to your HVAC system through your connected Trane smart thermostat. Adjust your temperature, set your schedule, and view your HVAC usage from anywhere.



Trane Home connects to your Trane HVAC system to provide you with remote control and diagnostics. To view additional integrations and subscriptions, visit our Knowledge Base at [Trane.com/residential/home-subscription/](https://Trane.com/residential/home-subscription/)

## WHY IS INDOOR AIR QUALITY IMPORTANT?

We spend 90% of our time indoors, and 70% of that is in our home<sup>1</sup> where the air can be up to 5X poorer quality than the air outside<sup>2</sup>. To help improve your indoor air, Trane offers a complete portfolio of air filtration equipment for whole home solutions for new and existing units.



### TRANE CLEANEFFECTS® AIR CLEANER

Utilizes patented technology to deliver cleaner air to the whole home by removing up to 99.98% of airborne particles<sup>3</sup> that pass through the re-usable filter, including 99.9% of the Influenza A (H1N1) virus<sup>4</sup>. The CleanEffects® Whole Home Air Cleaner, when used in accordance with manufacturer's directions, is effective at removing a surrogate for the virus that causes COVID-19. Effective removal rate based on independent testing results using MS-2 bacteriophage, a bacteria representative of virus-sized particles like SARS-CoV-2 that causes COVID-19. This level of filtration makes it up to 100X more effective than a standard 1" filter<sup>5</sup>.

**Certified asthma & allergy friendly\* by the Asthma and Allergy Foundation of America.**

With more than 65 million Americans suffering from asthma and allergies, this certification mark guides consumers in identifying products more suitable for people with asthma and allergies. The **asthma & allergy friendly** Certification Mark is awarded only to those products that are scientifically proven to reduce exposure to asthma and allergy triggers.



### ENERGY RECOVERY VENTILATORS (ERV)

Provide 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.



### HUMIDIFIERS AND DEHUMIDIFIERS

Deliver the right amount of moisture to the air throughout your home, adjusting from summer to winter.

Contact your Dealer or visit [Trane.com/Residential](https://Trane.com/Residential) to learn more.

<sup>1</sup>The National Human Activity Pattern Survey (2001) | <sup>2</sup>U.S. Environmental Protection Agency, EPA/600/6-87/002a. (1987)

<sup>3</sup>Based on 3rd party testing of particle removal efficiency down to 0.3 microns (2005)

<sup>4</sup>As reported by airmid healthgroup in ASCR092142v2 (2015) | <sup>5</sup>Assuming <1% removal rate of 0.3-10 micron particles



All trademarks referenced are the trademarks of their respective owners.

About Trane

Trane - by Trane Technologies (NYSE: TT), a global climate innovator - creates comfortable, energy-efficient indoor environments for commercial and residential applications. For more information, visit [Trane.com](https://Trane.com) or [TraneTechnologies.com](https://TraneTechnologies.com)

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