

# 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.



## 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% one-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.  
AND TAKE THEM  
HOME WITH US.**

## 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  
6 CONSECUTIVE YEARS<sup>1</sup>**



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

<sup>1</sup>Trane was named America's Most Trusted HVAC brand/system by Lifestory Research, a national research firm, based on a 2019 study of 11,000 consumers actively shopping or considering a product as compared with peer organizations of like size and complexity. Trane has received the highest numerical score for years 2015, 2016, 2017, 2018, 2019 & 2020. Your experiences may vary. Visit [lifestoryresearch.com](http://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	✓	✓			
20 Year Heat Exchanger Warranty			✓	✓	✓
10 Year Limited Parts Warranty	✓	✓	✓	✓	✓

# 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 advise, install and maintain the right system for your home.

WE ARE COMMITTED TO USING ENVIRONMENTALLY FRIENDLY PRINTING PRACTICES.



## RUN YOUR HOME FROM WHEREVER LIFE TAKES YOU.

Nexia® allows you to manage your home remotely using most web-enabled mobile devices<sup>1</sup>. **With just the touch of a button, you can unlock a door, turn on lights, or adjust your heating & cooling from a distance to save you energy.** Simply put, Nexia gives you home automation in the most simple and accessible way. The result? You can connect with your home, even when you're not at home.



<sup>1</sup>Nexia Remote Climate Access is included with the purchase of a connected control. Adding accessories to your Nexia system requires a monthly subscription for remote access via most web-enabled smartphones and computers.

## WHY IS INDOOR AIR QUALITY IMPORTANT?

We spend 90% of our time indoors, and 70% of that is in our home<sup>2</sup> where the air can be up to 5X poorer quality than the air outside<sup>3</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>4</sup> that pass through the re-usable filter, including 99.9% of the Influenza A (H1N1) virus<sup>5</sup>. This level of filtration makes it up to 100X more effective than a standard 1" filter<sup>6</sup>. Plus, it's the **ONLY** whole-home electronic air cleaner that is certified **asthma & allergy friendly**<sup>7</sup> by the Asthma & Allergy Foundation of America.



## 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](http://Trane.com/Residential) to learn more.

<sup>2</sup>The National Human Activity Pattern Survey (2001) | <sup>3</sup>U.S. Environmental Protection Agency, EPA/600/6-87/002a. (1987)

<sup>4</sup>Based on 3rd party testing of particle removal efficiency down to 0.3 microns (2005)

<sup>5</sup>As reported by airmid healthgroup in ASCR092142v2 (2015) | <sup>6</sup>Assuming <1% removal rate of 0.3-10 micron particles



It's Hard To Stop A Trane.®

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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](http://Trane.com) or [TraneTechnologies.com](http://TraneTechnologies.com)

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