

TRANE XC95 VARIABLE-SPEED, THREE-STAGE COMMUNICATING FURNACE

Your Profit-ability

Sell-ability

- ≡ Industry leader and brand reputation
- ≡ Innovative communicating technology
- ≡ Variable-speed blower motor with Comfort-R™
- ≡ Greater reliability and quieter operation
- ≡ Up to 95.0% AFUE, ENERGY STAR® qualified and may qualify your customer for an energy tax credit

Install-ability

- ≡ ComfortLink™ II communicating capability
- ≡ Plug-and-play with self-diagnostics
- ≡ Three-wire connectivity
- ≡ Air cleaner and humidifier compatible
- ≡ Upflow/horizontal left
- ≡ Downflow/horizontal right
- ≡ Left/right gas and electric hookups

Service-ability

- ≡ Communicating user interface
- ≡ Quarter-turn blower door latches on upflow models
- ≡ Self-diagnostic controls
- ≡ Compatible with higher SEER outdoor units

Performance-ability

- ≡ Up to 95.0% AFUE, among the highest in the industry
- ≡ Three-stage modulating gas valve (40%, 65%, 100% firing rates)
- ≡ Insulated blower door and cabinet save energy and reduce sound
- ≡ Automotive-grade gaskets reduce sound and air infiltration

Rely-ability

- ≡ Individually factory tested before shipping
- ≡ Silicon nitride igniter
- ≡ Integrated furnace control
- ≡ Aluminized steel primary heat exchanger
- ≡ Multi-port in-shot burners



It's Hard To Stop A Trane.®

TRANE LIMITED WARRANTY

Lifetime heat exchanger
5-year functional parts

COMMUNICATING TECHNOLOGY IN A THREE-STAGE FURNACE — A VALUABLE DIFFERENTIATOR FOR YOU.

With the Trane XC95 communicating furnace, featuring our advanced **ComfortLink™ II** communications capability, you can offer your customers comfort, enhanced reliability and so much more — including remote monitoring by phone*. Delivering **ENERGY STAR® qualified efficiency** of up to **95.0% AFUE**, the XC95 features three stages of heat, along with

three-wire connectivity for faster installation and a **communicating user interface** for simple setup and maintenance. In all, the XC95 furnace provides your customers with an innovative heating solution, while giving you a great way to **differentiate your services and drive sales.**

*A Trane XL900 Comfort Control is required for all XC95 communicating furnaces. A telephone access module is also required for remote monitoring.

Quiet operation

Engineered to provide soundless operation for quiet, consistent comfort year round.

Reliable performance

Precision engineering, design innovation and rigorous testing for reliable, long-lasting performance and durability.

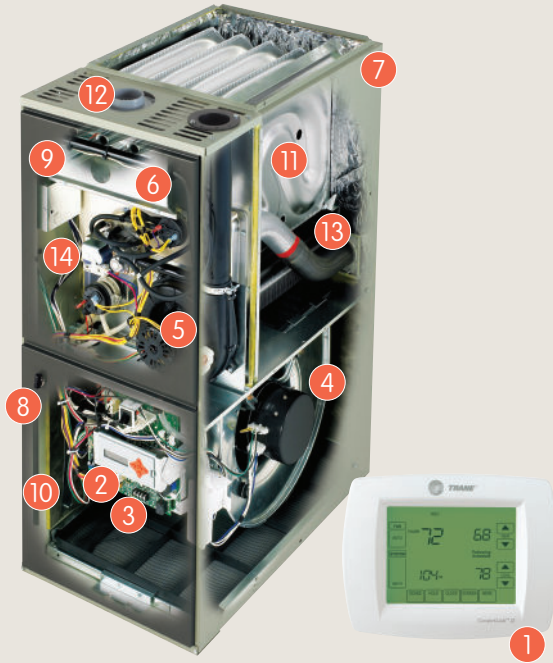
Better indoor air

Add a Trane CleanEffects™ air filtration system to remove up to 99.98% of airborne allergens from the air that is heated or cooled for a cleaner, more comfortable home.

Efficient operation

Robust design and variable-speed blower motor provide increased energy efficiency.

TRANE XC95 VARIABLE-SPEED, THREE-STAGE COMMUNICATING FURNACE



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

- 1 ComfortLink™ II communicating capability**
Enables system to “communicate” its status and settings to the XL900 Comfort Control, while also allowing remote monitoring and programming by phone.* Airflow is automatically set up, so no adjustment to dip switches is required.
- 2 Communicating user interface**
Clearly displays ComfortLink II diagnostics and setup information, allowing for easy maintenance and troubleshooting. Also allows for specific application adjustments.
- 3 Simplified three-wire connection**
Allows for easy installation and is less invasive to the structure of the home.
- 4 Variable-speed blower motor with Comfort-R™**
Operates at lower, more efficient speeds than conventional blower motors and provides greater humidity control during cooling.
- 5 Variable-speed draft inducer**
Works with the variable-speed blower motor to efficiently enhance the circulation of air in the home for even heating.
- 6 Adaptive silicon nitride hot surface igniter**
Highly reliable ignition system provides longer service life.
- 7 Steel insulated cabinet**
Insulated panels hold more heat in the furnace, ensure greater durability and reduce operating sound.
- 8 Easy-access doors**
Quarter-turn dual door latches provide quick and easy access for servicing.
- 9 Multi-port in-shot burners**
Perfectly shape the flame cone for the maximum heat possible while using less fuel. No service adjustment necessary.
- 10 Automotive-grade gaskets and insulated blower compartment**
Help reduce operating sound and air infiltration.
- 11 Primary heat exchanger**
Crimped, not welded, to prevent cracks from heat stress. Stamped serpentine channel offers the greatest efficiency in less space.
- 12 Direct vent**
100% fresh air option reduces heat exchanger corrosion and ensures adequate combustion air.
- 13 Secondary heat exchanger**
Made of AL29-4C stainless steel to capture more of the heat your customers pay for.
- 14 Three-stage modulating gas valve**
Highly reliable, proven design that operates up to 95% AFUE at 40%, 65% and 100% firing rates.

*A Trane XL900 Comfort Control is required for all XC95 communicating furnaces. A telephone access module is also required for remote monitoring.

TRANE XC95 VARIABLE-SPEED, THREE-STAGE UPFLOW/HORIZONTAL FURNACE

XC95 Series Model	Nominal Tons	AFUE	Height (Inches)	Width (Inches)	Depth (Inches)
TUH3B060ACV3VA	3	95.0	40	17.5	28
TUH3B080ACV3VA	3	95.0	40	17.5	28
TUH3C100ACV4VA	4	95.0	40	21	28
TUH3D120ACV5VA	5	95.0	40	24.5	28

TRANE XC95 VARIABLE-SPEED, THREE-STAGE DOWNFLOW/HORIZONTAL FURNACE

TDH3B060ACV3VA	3	92.1	40	17.5	28
TDH3B080ACV3VA	3	95.0	40	17.5	28
TDH3C100ACV4VA	4	95.0	40	21	28
TDH3D120ACV5VA	5	92.1	40	24.5	28

As part of our continuous product improvement, Trane reserves the right to change specifications and design without notice.

Warranties generate additional income.

Trane extended warranties create additional income. Selling extended warranties is another way to protect your customers and generate future business.

It all adds up to a stellar reputation.

We know that when you recommend our products to your loyal customers, you are placing your livelihood and reputation in our hands. We salute your expertise in delivering Trane technology and innovation to your customers — making their homes better places for living. You are the reason we can say, “expect more from Trane.”

trane.com



It's Hard To Stop A Trane.®



Trane 95 and 90 Gas Furnaces

Innovative furnaces with efficiency in mind.



It's Hard To Stop A Trane.®





Trane 95 and 90 gas furnaces. Because a cozier, more comfortable home doesn't have to use a lot of energy.

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.

Every Trane furnace is built to our standards, so it will exceed yours. We use premium materials and time-tested designs that deliver more comfort for less energy, with reliability that's legendary throughout the business. When you trust Trane, you're trusting the leader.

*Independent 2012 HVAC Claim Study, Funded by Ingersoll Rand



Exceptional comfort even on the coldest days.

When comparing equipment, it helps to have a standard of efficiency with which to measure performance. For furnaces, that standard is AFUE, or Annual Fuel Utilization Efficiency, a measure of how efficiently a furnace converts fuel into usable heat over the course of the entire heating season. The higher the AFUE, the less fuel you'll need to keep your home comfortable, the less you'll spend on energy, and the lower your carbon footprint will be.

You'll find Trane 95 and 90 furnaces have impressively high AFUE numbers, especially when installed as part of a Trane matched system. Because we're as committed to smart energy use as we are to your total comfort.

A new Trane furnace with a higher AFUE, or Annual Fuel Utilization Efficiency, 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 furnace and see how much you can potentially save. For example, upgrading from an AFUE of 60 to an AFUE of 90 can save up to \$33 of every \$100 spent on fuel.

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

		AFUE of New System		
		95%	90%	85%
AFUE Rating of Existing System	50%	\$47	\$44	\$41
	55%	\$42	\$38	\$35
	60%	\$37	\$33	\$29
	65%	\$32	\$27	\$23
	70%	\$26	\$22	\$18
	75%	\$21	\$17	\$11

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.



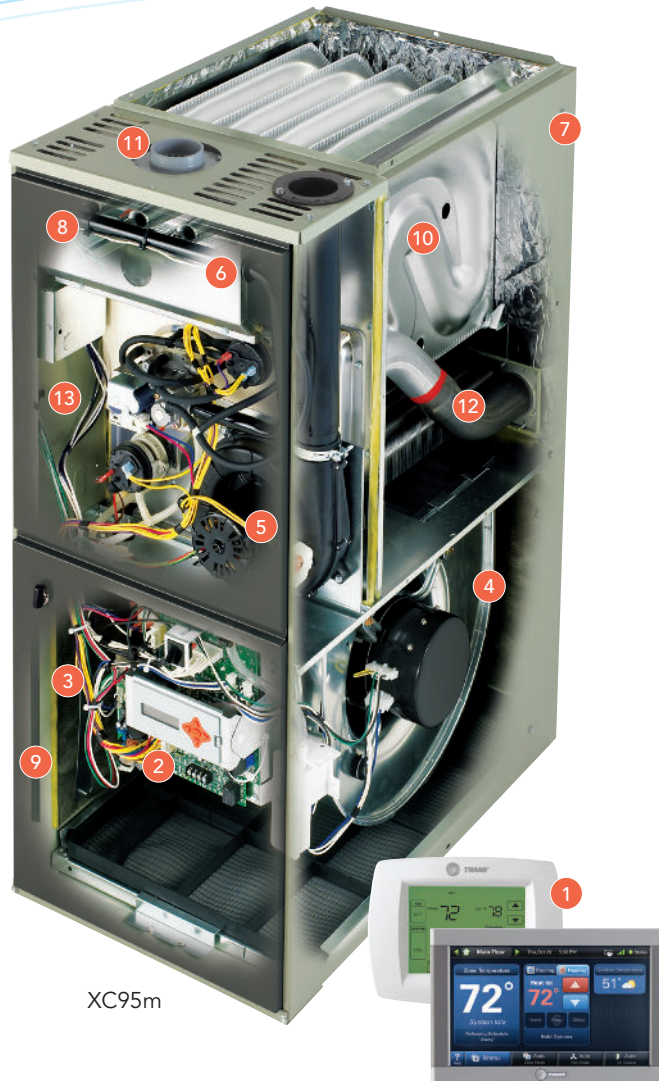
A warmer home. A greener planet.

Trane gas furnaces are designed with your comfort, and your planet, in mind.

The higher AFUE ratings you'll find in Trane 95 and 90 furnaces mean you'll get more heat from your fuel, which could lower your energy costs while reducing your carbon footprint.

Trane gas furnaces are packed with state-of-the-art technology for exceptional, cozy comfort.

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XC95m

- 1 ComfortLink™ II Communicating Capability**
Enables system to communicate its status and settings to the comfort control.*
- 2 Communicating User Interface**
Clearly displays ComfortLink II diagnostics to your installer for easy setup and service.
- 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 quieter system startups and shutdowns, greater efficiency and more thorough heat circulation. Also helps control humidity levels during summer months.
- 5 Variable-Speed Draft Inducer**
Works with modulating gas valve to enhance efficiency, comfort and reliability.
- 6 Silicon Nitride Hot Surface Igniter**
Highly reliable ignition system provides longer service life.
- 7 Heavy Steel Insulated Cabinet**
Insulated panels hold more heat in the furnace, ensure greater durability and reduce operating sound.

Trane 95 and 90 Gas Furnaces



XC95m

XC95m Variable-Speed Furnace with ComfortLink™ II Communicating Technology

Trane's top of the line furnace features the industry's first true communicating, fully modulating gas valve, and an AFUE of up to 97.3%. Thanks to ComfortLink™ II technology, the XC95m works with other system components to learn and adapt to your specific home, providing truly optimized, customized comfort and efficiency.



XV95

XV95 Furnace with Variable-Speed Motor and Comfort-R™

Two-stage heating uses gradual, steady warmth for efficiency, with plenty of reserve heat on standby when needed. The XV95 can achieve up to 97% AFUE. During the summer, Comfort-R™ technology slows airspeed during startup for quieter operation and more precise humidity control.



XL95

XL95 Furnace with Two-Stage Heating

The XL95 can achieve up to 96% AFUE. With a four-speed blower motor that delivers consistent, even comfort, while the two-stage heating optimizes your fuel use for greater efficiency.



It's Hard To Stop A Trane.®

- 8 Multi-Port In-Shot Burners**
Perfectly shape the flame cone for the maximum heat possible while using less fuel.
- 9 Automotive-Grade Gaskets And Insulated Blower Compartment**
Help reduce operating sound and air infiltration.
- 10 Primary Heat Exchanger**
Crimped, not welded, to prevent cracks from heat stress. Stamped serpentine channel offers the greatest efficiency in less space.
- 11 Direct Vent**
100% fresh air option reduces heat exchanger corrosion and ensures adequate combustion air.
- 12 Secondary Heat Exchanger**
Made of AL29-4C stainless steel to capture more of the heat you pay for.
- 13 Fully Modulating Gas Valve**
Highly reliable, proven design that operates between 40% and 100% depending on your specific heating needs, providing for ultimate comfort and greater efficiency.

95 and 90 Gas Furnaces

	XC95m	XV95	XL95	XT95	XR95	XB90
COMFORTLINK™ II COMMUNICATING CAPABILITY	•					
COMMUNICATING USER INTERFACE	•					
VARIABLE-SPEED BLOWER MOTOR WITH COMFORT-R™	•	•				
FOUR-SPEED BLOWER MOTOR			•		•	•
HIGH EFFICIENCY MOTOR				•		
FULLY MODULATING GAS VALVE	•					
TWO-STAGE HEAT		•	•			
VARIABLE-SPEED DRAFT INDUCER	•	•	•			
SILICON NITRIDE HOT SURFACE IGNITER	•	•	•	•	•	•
HEAVY STEEL INSULATED CABINET	•	•	•	•	•	
PREPAINTED GALVANIZED STEEL CABINET						•
MULTI-PORT IN-SHOT BURNERS	•	•	•	•	•	•
AUTOMOTIVE-GRADE GASKETS AND INSULATED BLOWER COMPARTMENT	•	•	•	•	•	
ONE-PIECE, WELD FREE PRIMARY HEAT EXCHANGER	•	•	•	•	•	•
STAINLESS STEEL SECONDARY HEAT EXCHANGER	•	•	•	•	•	•
DIRECT VENT	•	•	•	•	•	•
COMPATIBLE WITH TRANE CLEANEFFECTS TFD MODELS	•	•	•	•	•	•
SELF-DIAGNOSTIC MICROELECTRONIC CONTROL	•	•	•	•	•	•
CLEANABLE FILTER	•	•				
LIFETIME 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 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 use only, some exclusions may apply. An option to purchase transferability of your Registered Limited Warranty is available. For more information visit Trane.com.

* An XL900 or XL950 Trane thermostat is required with an XC95m for communicating capability.



XT95

XT95 Single-Stage Furnace with High Efficiency Motor

Converts up to 95% of its fuel while minimizing electrical usage, contributing to the efficiency of your entire system in both heating and cooling seasons.



XR95

XR95 with High Efficiency Single-Stage Operation

With an equal emphasis on comfort and efficiency, the Trane XR95 single-stage furnace converts 95% of the fuel it uses into warm, cozy heat.



XB90

XB90 with Single-Stage Heating

Dependable performance and efficiency so your home and budget can be comfortable. AFUE of up to 92.1%.

See your dealer for more product information and availability or go to Trane.com/residential/products.

Maximize your comfort and efficiency by customizing a perfectly matched Trane system around your gas furnace.



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 Coils: 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.



Humidifiers: Add moisture to the air to alleviate dry skin and reduce static electricity.



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.



Nexia™: Remote climate access through Nexia™ 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.

Clean Air Delivery Rate: 10	Clean Air Delivery Rate: 12	Clean Air Delivery Rate: 150	Clean Air Delivery Rate: 240	Clean Air Delivery Rate: 660	Clean Air Delivery Rate: 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.

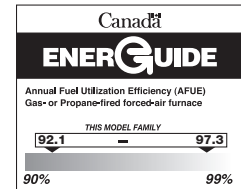


Designed for maximum efficiency and ENERGY STAR® qualification.

Trane 95 and 90 furnaces deliver at least 90% efficiency, far exceeding the government minimum standard of 78 AFUE for new furnaces. In fact, some Trane furnaces are so efficient, they are ENERGY STAR® qualified.

between 60 and 70, meaning up to 40 cents of every dollar you pay for fuel is wasted. Install a Trane high efficiency furnace, and you'll enjoy the ultimate in energy savings as well as comfort.

If you have a furnace that is at least 10 years old, it probably has an AFUE somewhere



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.



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trane.com