

ULTRA-LOW NOX GAS FURNACES



Trane Ultra-Low NOx gas furnaces offer outstanding efficiency to help reduce your energy bills and keep your home comfortable with NOx emissions that meet the strictest government standards.



WHY ULTRA-LOW NO_x?

When selecting a Trane Ultra-Low NO_x gas furnace, you'll receive high-quality, long-lasting performance, along with a reduced environmental impact. Why is this important? Nitrogen oxides (NO_x) are greenhouse gases that are bad for the environment, which has led some areas of California to regulate residential gas furnace emissions. Trane's Ultra-Low NO_x systems aren't just designed to keep you comfortable, they are among the lowest NO_x-emitting furnaces on the market.

HOW DOES IT WORK?

Trane's Ultra-Low NO_x gas furnaces use a new, innovative burner design to reduce emissions by as much as 65%* compared to a standard furnace. In addition to exceptionally low emission levels, these furnaces also help you get more of the heat you pay for with highly efficient heat exchangers, motors and insulated cabinets. The L9X1 condensing furnace family provides an Annual Fuel Utilization Efficiency (AFUE) of 95, meaning 95% of fuel is converted into heat while the L8X1 non-condensing furnace offers an AFUE of 80%.

*65% reduction versus the prior requirement of 40 ng/J

**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
7 CONSECUTIVE YEARS¹**



**MOST RELIABLE HEATING AND COOLING
EQUIPMENT BRAND²**

¹Trane 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. Study results are based on experiences and perceptions of people surveyed. Your experiences may vary. Visit lifestoryresearch.com.

²Trane Technologies Marketing Insights. Trane Brand Consumer Survey. July 2020.

150°

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



A CLOSER LOOK: L9X1 CONDENSING FURNACE

Silicon Nitride Hot Surface Igniter
Offers longer service life and high reliability.

Innovative Burner Design
Reduces NOx emissions by as much as 65%* while delivering exceptional comfort.

95% Annual Fuel Utilization Efficiency
Saves you money while keeping you warm and comfortable.

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



Tubular, Aluminized Steel Heat Exchanger
Keeps you comfortable year after year with its ability to withstand higher temperatures and efficiently transfer heat.

Secondary Heat Exchanger
Extracts additional heat from the combustion process and is made of corrosion-resistant stainless steel for durability.

Constant Torque Electronically Commutated Motor
Helps lower monthly energy bills, reduce noise and deliver the best possible airflow to keep your home comfortable.

*65% reduction versus the prior requirement of 40 ng/J.

The furnace 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 CLOSER LOOK: L8X1 NON-CONDENSING FURNACE

Silicon Nitride Hot Surface Igniter
Provides longer service life and excellent reliability.

Durable Cabinet
Helps resist corrosion with its painted exterior and heavy gauge composition.

Low NOx Emissions
Emits less NOx than a standard furnace, reducing emissions up to 65%.*



Tubular Heat Exchanger
Reliable heat exchanger design resists corrosion, withstands higher temperatures, and is backed by a 20-year warranty.

High-Efficiency Constant Torque ECM (Electronically Commutated Motor)
Reduces monthly energy bills and noise, and delivers the best possible airflow to keep your home comfortable in all seasons.

Insulated Cabinet Design
Holds in more heat to help you get more for your money—and reduces noise too.

The Ultra-Low NOx Furnace shown is the L8X1 and 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.

*65% reduction vs the prior requirement of 40 ng/J

Ultra-low NOx furnaces have NOx emissions of 14 ng/J; these emissions are lower than standard low-NOx furnaces by approximately 65%.

L9X1 FEATURES

	L9X1A050 L9X1C100
Annual Fuel Utilization Efficiency (AFUE)	95
Single-Stage Heat	✓
Fully Insulated Cabinet	✓
Less than 2% Cabinet Air Leakage	✓
High Efficiency, Constant Torque ECM Blower Motor	✓
Reliable Silicon Nitride Hot Surface Igniter	✓
Durable Steel, Insulated Heat Exchanger Cabinet	✓
Tubular, Steel Heat Exchanger	✓

L8X1 FEATURES

	L8X1A055, L8X1B070, L8X1C100	L8X1B060, L8X1B080
Annual Fuel Utilization Efficiency (AFUE)	80	80
Single-Stage Heat	✓	✓
Insulated Blower Compartment	✓	✓
Less than 1% Cabinet Air Leakage		✓
Less than 2% Cabinet Air Leakage	✓	
High Efficiency, Constant Torque ECM Blower Motor	✓	✓
Reliable Silicon Nitride Hot Surface Igniter	✓	✓
Durable Steel, Insulated Heat Exchanger Cabinet	✓	✓
Tubular, Steel Heat Exchanger	✓	✓

All Trane L-Series condensing +90% furnace families have a Lifetime Limited Warranty on the heat exchanger and a 10 year limited warranty on internal functional parts (residential use only). Ask your dealer for full warranty information at time of purchase.

All Trane L-Series 80% non-condensing gas furnaces have a 20 year limited warranty on the heat exchanger and a 10 year limited warranty on internal functional parts (residential use only). Ask your dealer for full warranty information at time of purchase.

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.



RUN YOUR HOME FROM WHEREVER LIFE TAKES YOU.

Nexia® allows you to manage your home remotely using most web-enabled mobile devices¹. **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.



¹Nexia 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 home² where the air can be up to 5X poorer quality than the air outside³. **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 particles⁴ that pass through the re-usable filter, including 99.9% of the Influenza A (H1N1) virus⁵. This level of filtration makes it up to 100X more effective than a standard 1" filter⁶. Plus, it's the **ONLY** whole-home electronic air cleaner that is certified **asthma & allergy friendly**⁷ 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 to learn more.

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

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

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



It's Hard To Stop A Trane.®

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 or TraneTechnologies.com

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