



It's Hard To Stop A Trane.

ULTRA-LOW NOX FURNACES 80-95% AFUE

72-1339-06

# 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.

 EFFICIENT

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TRANE  
TECHNOLOGIES

<b>L9X1</b>		
SINGLE-STAGE	95% AFUE	
<b>L8V1</b>		
SINGLE-STAGE	80% AFUE	
VARIABLE SPEED		
<b>L8X1</b>		
SINGLE-STAGE	80% AFUE	
Two cabinet styles shown.		

## WHY ULTRA-LOW NOx?

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

## HOW DOES IT WORK?

Trane's Ultra-Low NOx gas furnaces use a new, innovative burner design to reduce emissions by as much as 65% compared to a standard furnace.\* In addition to boasting exceptionally low emission levels, these furnaces are highly efficient with tubular heat exchangers 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 and L8V1 non-condensing furnace families offer an AFUE of 80%.

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



**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.

	<b>AMERICA'S MOST TRUSTED® HVAC BRAND 7 CONSECUTIVE YEARS<sup>1</sup></b>
	<b>MOST RELIABLE HEATING AND COOLING EQUIPMENT BRAND<sup>2</sup></b>

<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. Study results are based on experiences and perceptions of people surveyed. Your experiences may vary. Visit [lifestoryresearch.com](http://lifestoryresearch.com).  
<sup>2</sup>Trane Technologies Marketing Insights. Trane Brand Consumer Survey. June 2021.



**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: L8V1 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 limited lifetime warranty.

**High-Efficiency Variable Speed Blower Motor**  
Reduces monthly energy bills and noise while delivering 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 L9X1 and L8V1 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%.

## FEATURES

	L8V1	L8X1	L9X1
Input BTU/h Sizes Offered	100,000	55,000 - 100,000	50,000 - 100,000
Annual Fuel Utilization Efficiency (AFUE)	80%	80%	95%
Variable Speed Blower Motor	✓	-	-
Constant Torque Electronically Commutated Motor	-	✓	✓
Single-Stage Heating	✓	✓	✓
Less than 1% Cabinet Air Leakage	✓	B060 & B080 Models	-
Less than 2% Cabinet Air Leakage	-	A055, B070, & C100 Models	✓
Reliable Silicon Nitride Hot Surface Igniter	✓	✓	✓
Durable, Insulated 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 L8V1 80% non-condensing gas furnaces have a limited lifetime warranty on the heat exchanger and a 10 year limited warranty on internal functional parts (residential use only).

# 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/](http://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>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 reusable 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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