

BUILT TO A HIGHER STANDARD™

American Standard®

HEATING & AIR CONDITIONING



ULTRA-LOW NO_x GAS FURNACES

 MOST EFFICIENT



L9X1



Single-Stage
95% AFUE

L8V1



Single-Stage
80% AFUE
Variable Speed

L8X1



Single-Stage
80% AFUE

Two cabinet styles shown.

HIGH EFFICIENCY, PLUS REDUCED EMISSIONS.

American Standard® Ultra-Low NOx gas furnaces offer a new option for high-efficiency heating performance that also reduces emissions of nitrogen oxides (NOx). Due to the impact of such greenhouse gases on the environment and climate change, some areas of California have begun to regulate residential gas furnace emissions. American Standard's Ultra-Low NOx furnaces rank among the lowest emitting in the industry, while keeping your home comfortable in cooler weather.

INNOVATIVE AND RELIABLE.

Engineered with an innovative burner design, American Standard's Ultra-Low NOx furnaces can reduce emissions by as much as 65% compared to standard low-NOx furnaces.* In addition, these units are equipped with reliable components, such as efficient tubular heat exchangers and insulated cabinets that hold in heat and minimize sound. With an Annual Fuel Utilization Efficiency (AFUE) rating of 95, the L9X1 condensing furnace line converts 95% of fuel into heat, while the L8X1 and L8V1 families both offer an AFUE of 80.

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

AWARD-WINNING EXCELLENCE.

2021

Top Tier Owner Satisfaction for Central Air Conditioning "A National Product Testing and Research Magazine"

In a survey based on the proportion of members who are extremely likely to recommend their central air conditioning system to friends and family found American Standard Central Air Conditioning Systems' to be Top Tier in 2018 and 2020 Summer Surveys of 23,997 central air conditioning systems, owned by members who installed a new system between 2005-2020.

2019

Top Tier Owner Satisfaction for Gas Furnaces "A National Product Testing and Research Magazine"

In a 2018 Winter Survey & 2019 Summer Survey of 48,318 subscribers, American Standard gas furnaces rated Top Tier in Owner Satisfaction for new units purchased between 2003 & 2019.

Top Tier Owner Satisfaction for Heat Pumps "A National Product Testing and Research Magazine"

In a 2018 Winter Survey & 2019 Summer Survey of 12,463 subscribers, American Standard heat pumps rated Top Tier in Owner Satisfaction for new units purchased between 2003 & 2019.

*Based on a statistical model that estimates problem rates for heating or cooling within the first 8 years of ownership, for heat pumps that are not covered by an extended warranty or service contract, American Standard heat pumps rated as Top Tier in a 2018 Winter Survey and 2019 Summer Survey of 12,463 heat pumps, owned by members who purchased a new heat pump [unit] between 2003 and 2019.



WE OBSESS OVER IT SO YOU DON'T.

For over a hundred years, we've made some of the most awarded, well-engineered heating and conditioning equipment, and earned a reputation for doing things ...right. And through it all, we've followed a pretty simple idea: "A Higher Standard" isn't just how we build our products. It's how we build our relationships with the customers who depend on us every single day.

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, American Standard 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.

*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%.

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, American Standard reserves the right to change specifications and design without notice.

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 American Standard 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 American Standard 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).



COMFORTABLE. RELIABLE. EFFICIENT.

Optimize the comfort and efficiency of your home with the American Standard Home smart comfort system. The American Standard Home mobile app gives you remote access to your HVAC system through your connected American Standard smart thermostat. Adjust your temperature, set your schedule, and view your HVAC usage from anywhere.



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. So, AccuClean[®] 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) virus⁶. This level of filtration makes it up to 100X more effective than a standard 1" filter⁵. Plus, it's the **ONLY** whole-home electronic air cleaner that is certified **asthma & allergy friendly**⁷ by the Asthma & Allergy Foundation of America.

American Standard Home connects to your American Standard HVAC system to provide you with remote control and diagnostics. To view additional integrations and subscriptions, visit our Knowledge Base at AmericanStandardAir.com/home-subscription.

² The National Human Activity Pattern Survey (2001)

³ U.S. Environmental Protection Agency. EPA/600/6-87/002a. (1987)

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

⁵ Assuming <1% removal rate of 0.3 – 10 micron particles

⁶ As reported by airimid healthgroup in ASCR092142v2 (2015)

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SO YOU DON'T.**



About American Standard Heating and Air Conditioning
American Standard has been creating comfortable and affordable living environments for more than a century. For more information, please visit www.americanstandardair.com.

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SCAN ME

