LENNOX

Innovation never felt so good.®

comfortably smart

ELITE® SERIES

EL296E

High-efficiency, two-stage furnace with Power Saver™ technology

Highly efficient with gas and electricity.

When you have a new EL296E installed, you're making a smart choice in your energy use for many reasons. An Annual Fuel Utilization Efficiency (AFUE) of up to 96% means the EL296E can offer substantial energy savings every year when compared to less efficient furnaces. The EL296E also offers two-stage heating, which allows it to run at a lower, more efficient output most of the time, switching to a higher output during extreme heating demand. And thanks to its Power Saver™ motor, the EL296E provides more consistent temperatures, more even airflow and quieter operation while still using energy efficiently.

Energy savings can really add up

With an AFUE of up to 96%, the EL296E can convert up to 96% of its fuel into heat you can feel. This kind of efficiency means you can potentially save hundreds of dollars on energy every year when compared to a furnace that's even just a few years old.

Peace of mind

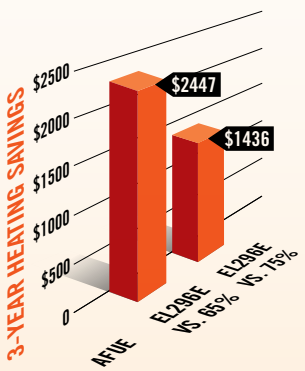
The EL296E is designed to make you feel better in many ways, including giving you peace of mind. So it comes with a limited lifetime warranty on the heat exchanger and a 10-year limited warranty on all remaining covered parts.*

LIFETIME LIMITED WARRANTY Heat Exchanger

10 year limited warranty with Product Registration

Built for efficiency. Built for reliability.

The EL296E isn't just a smart investment from an energy standpoint. It's also an excellent choice for reliability. Every component of the EL296E has proven itself through extensive testing in our research labs, so you know you can count on your new furnace to deliver reliable comfort and outstanding performance, season after season.



AFUE stands for "Annual Fuel Utilization Efficiency" and is a measure of a furnace's efficiency and performance. Like the miles-per-gallon rating on your car, the higher the AFUE rating, the lower your fuel costs. Most furnace ratings range from 80% to 95%.

This chart depicts potential energy savings you can expect from the EL296E furnace, versus older furnaces with lower efficiency ratings. Criteria used in this example are 2,000 full-load heating hours, with a 60,000 Btuh heating design load and $1.368 ccf for gas. Your actual savings may vary, depending on the weather patterns in your local area, local fuel rates and your individual lifestyle.

*Online equipment registration at www.lennoxregistration.com is required within 60 days of installation (except in California and Quebec) or Lennox' base warranty will apply. Applies to residential applications only. See actual warranty certificate for details.

always feel warm, comfortable and energy *smart*

Efficiency to the next level

The EL296E is already classified as a high-efficiency furnace, but to take energy savings to the next level, consider pairing it with a Lennox® electric heat pump. By doing so, you'll create what's known as a dual-fuel system, which can warm your home using either gas or electricity. On milder days, the heat pump will provide warmth. On colder days, the gas furnace will provide the warmth. Since the system can switch back and forth between gas and electricity as needed, it'll always use the most cost-effective method to keep you warm.

The advantages of Power Saver™ technology

The Power Saver motor inside the EL296E operates at a constant torque, allowing it to supply your home with a consistent flow of perfectly conditioned air. This helps your system use less energy in both heating and cooling modes and keeps your home comfortable through changing weather conditions.

Feel great every day of the year

The EL296E will not only keep you comfortable in winter, it can also make your home feel better during summer months, as well. By operating at its lower speed of airflow, it allows air to spend more time in contact with the air conditioner coil. This helps reduce moisture levels in your indoor air during hot and humid months, contributing to comfort and smart energy use.

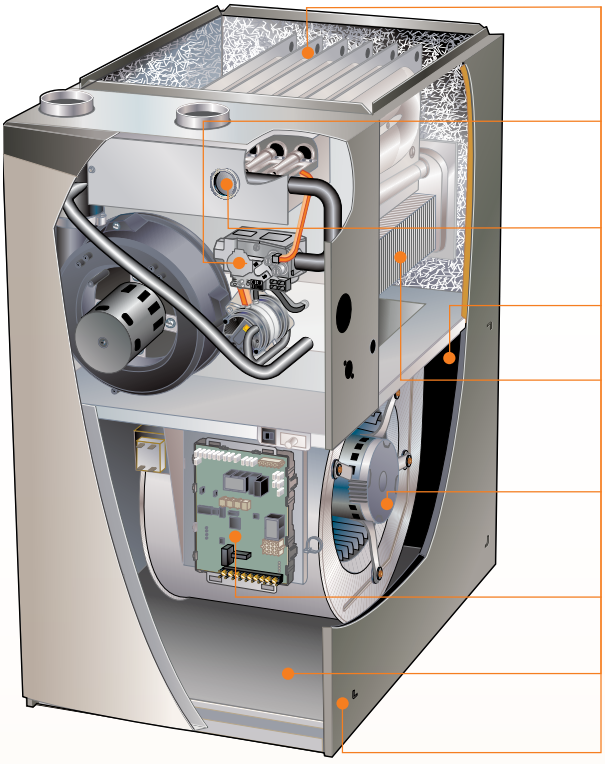
Savings in every season

The EL296E's energy efficiency isn't limited to colder months. When paired with a matching Lennox air conditioner, the EL296E can increase the overall summer energy efficiency, also known as SEER (Seasonal Energy Efficiency Ratio), of your entire system. So you can use energy wisely every day of the year.

The EL296E has earned the ENERGY STAR® label, which means it meets or exceeds guidelines set forth by the U.S. Environmental Protection Agency.

Choosing an ENERGY STAR® qualified product like the EL296E can improve your comfort, while also helping you save energy and money. For other ways to make your home more efficient, visit ItPaystoLiveSmart.com.

Elite® Series EL296E



Duralok Plus™ Heat Exchanger – Made of patented ArmorTuf™ steel to ensure high reliability and efficiency.

Two-Stage Gas Valve – Operates at a lower heating output for efficiency, switching to a higher output as needed.

SureLight® Ignitor – Silicon nitride construction ensures long life and reliable operation.

Special Sound-Absorbing Insulation – Reduces operating noise for greater peace and quiet.

Robust Stainless Steel Secondary Heat Exchanger – Allows the furnace to achieve higher efficiency levels by capturing additional heat.

Power Saver™ Motor – Energy efficient and reliable, it contributes to more even temperatures, more consistent airflow and quieter operation.

SureLight Control Board – Controls furnace operation for greater reliability and efficiency.

Sealed Blower Compartment – Reduces air loss for greater efficiency and reduced noise levels.

Durable Steel Cabinet – Made to last with an attractive, high-quality textured paint finish.

Elite Series EL296E Specifications

Model	EL296UH045XE36B	EL296UH070XE36B	EL296UH090XE48C	EL296UH110XE60C	EL296UH135XE60D	EL296DF045XE36B	EL296DF070XE48B	EL296DF090XE48C EL296DF110XE60C
Heating Eff. (AFUE)	96%	95.5%	95.7%	96.0%	96.0%	96.0%	95.9%	96.0%
Dimensions HxWxD (in) HxWxD (mm)	33 x 17-1/2 x 28-1/4 838 x 446 x 718	33 x 17-1/2 x 28-1/4 838 x 446 x 718	33 x 21 x 28-1/4 838 x 533 x 718	33 x 21 x 28-1/4 838 x 533 x 718	33 x 24 x 28-1/4 838 x 610 x 718	33 x 17-1/2 x 28-1/4 838 x 446 x 718	33 x 17-1/2 x 28-1/4 838 x 446 x 718	33 x 21 x 28-1/4 838 x 533 x 718

Note: Due to Lennox' ongoing commitment to quality, all specifications, ratings and dimensions are subject to change without notice.
*Applies to residential applications only. See actual warranty certificate for details.

Lennox is proud of the fact that these products have earned the Good Housekeeping Seal.

Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your Lennox Dealer for details, or visit www.energystar.gov.

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