

COMMERCIAL FURNACES

Superior performance and reliability

UP TO 98.7% AFUE



LENNOX[®]
Innovation never felt so good.[®]

Lennox® furnaces are reliable, easy to install and exceptionally efficient

Engineered for reliability and performance

Lennox engineers create furnaces that last. That's why every Lennox® design undergoes a battery of tests before it goes into production. These tests include rigorous shipping and handling simulations and extensive reliability measurements to ensure dependable operation in even the most extreme conditions.

Lennox designs contain built-in safeguards, such as limit controls, electronic flame sensors and blower-proving switches.

Each unit is run-tested before it leaves the factory, resulting in high-quality, reliable products.

GAS FURNACES AT A GLANCE:

A range of heating capacities, up to 132,000 Btuh, keeps occupants warm and comfortable in both larger and smaller buildings

Improved temperature and humidity control creates a more comfortable indoor environment

Lennox® furnaces are designed for simple installation and maintenance

Up to 98.7% energy-efficiency ratings can reduce energy spending

33-inch design profile

Upflow/horizontal and dedicated downflow models available

EFFICIENCY RATING

Up to 98.7% AFUE efficiency rating, depending on model

WARRANTIES

10-Year Limited Warranty
on heat exchanger

1-Year Limited Warranty
on covered components

See warranty certificate for actual details.

Improved energy efficiency and indoor air quality

Intelligent engineering is matched with innovative components to provide unparalleled product performance, controlled utility costs and improved indoor air quality.

Heating efficiency is improved with direct-spark ignition, modulating heating capability, and SureLight® controls, for efficiency up to 98.7% AFUE. As a result, many units are ENERGY STAR® qualified. Fully insulated cabinets not only save energy, they also reduce noise, while precision-speed blowers help reduce humidity levels and improve overall indoor air quality.

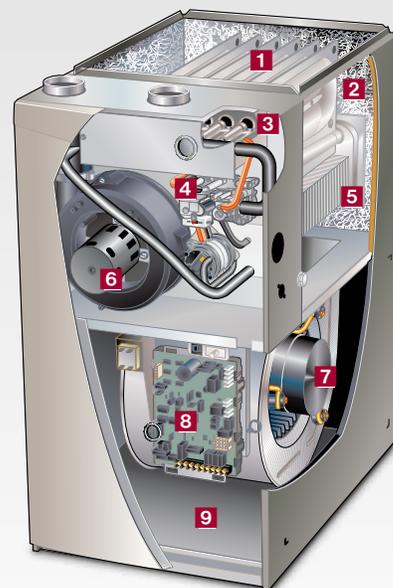


Easy installation and maintenance

Lennox engineers are continually looking for ways to reduce installation costs by designing gas and electrical connections that can be installed on either the right- or left-hand side, as well as make-up boxes for internal and external electrical wiring. Direct-drive slide-out blowers, toolless entry and inshot burners further simplify maintenance.

SLP98V Features

- 1 Duralok Plus® Heat Exchanger:** Made of patented ArmorTuf™ steel to ensure high reliability and efficiency.
- 2 Special Sound-Absorbing Materials:** Further reduce sound for quiet operation.
- 3 SureLight® Ignitor:** Silicone nitride construction ensures long product life and reliable operation.
- 4 Variable-Capacity Gas Valve:** Adjusts capacity output in as small as 1% increments for the ultimate in precision comfort.
- 5 Stainless Steel Secondary Heat Exchanger:** A robust, time-tested design that captures waste heat. Allows the furnace to achieve industry-leading efficiency levels.
- 6 Self-Calibrating Variable Speed Inducer:** Ensures cleaner combustion and efficient operation.
- 7 Variable Speed Blower Motor:** Provides a quiet, consistent flow of air for enhanced comfort, efficiency and humidity control.
- 8 SureLight Control Board:** Controls all furnace operations for high reliability and efficiency. Direct-readout diagnostics for simple, quick troubleshooting.
- 9 Sealed Blower Compartment:** Minimizes losses and maximizes efficiency and comfort.





Efficiency Rating:
Up to 98.7%
AFUE energy
efficiency

The most quiet and efficient
furnace you can buy¹



SLP98V Gas Furnaces

- 66,000–132,000 Btuh
- Variable-capacity operation
- SilentComfort™ technology
- Precise Comfort® and AirFlex™ technologies
- Reliable SureLight® ignitor
- Multi-speed, direct-drive, slide-out blower and toolless entry for quick maintenance



Efficiency Rating:
80% AFUE
energy efficiency

The most quiet
furnace in its class²

SL280V Gas Furnaces

- 66,000–132,000 Btuh
- 2-stage variable speed operation
- SilentComfort technology
- Reliable SureLight ignitor
- Multi-speed, direct-drive, slide-out blower and toolless entry for quick maintenance



Efficiency Rating:
96% AFUE
energy efficiency

High-efficiency &
comfort control



EL296V/EL296E Gas Furnaces

- 44,000–132,000 Btuh
- 2-stage gas heating for improved comfort control
- Constant-torque Power Saver technology (EL296E only) increases system efficiency
- Expanded venting options
- Sealed blower compartment
- Reliable SureLight ignitor
- Multi-speed, direct-drive, slide-out blower and toolless entry for quick maintenance



Efficiency Rating:
80% AFUE
energy efficiency

EL280 Gas Furnaces

- 66,000–132,000 Btuh
- 2-stage heating for improved comfort control
- Sealed blower compartment
- Reliable SureLight ignitor
- Direct-drive, slide-out blower and toolless entry for quick maintenance



Efficiency Rating:
95% AFUE
energy efficiency

High-efficiency



EL195E Gas Furnaces

- 30,000–132,000 Btuh
- Single-stage gas heating
- Constant-torque Power Saver technology increases system efficiency
- Fully insulated for quiet, efficient operation
- Reliable SureLight ignitor
- Multi-speed, direct-drive, slide-out blower and toolless entry for quick maintenance



Efficiency Rating:
80% AFUE
energy efficiency

EL180E Gas Furnaces

- 44,000–132,000 Btuh
- Constant-torque Power Saver technology increases system efficiency
- Sealed blower compartment
- Direct-drive, slide-out blower and toolless entry for quick maintenance



Efficiency Rating:
Up to 95%
AFUE energy
efficiency

ML193/ML195 Gas Furnaces

- 44,000–132,000 Btuh
- Direct-vent or non-direct-vent for flexible installation
- Silicon nitride ignitor delivers starting reliability
- Sealed blower compartment
- Multi-speed, direct-drive, slide-out blower and toolless entry for quick maintenance



Efficiency Rating:
80% AFUE
energy efficiency

ML180 Gas Furnaces

- 44,000–132,000 Btuh
- Sealed blower compartment
- Direct-drive, slide-out blower and toolless entry for quick maintenance

¹ Based on sound pressure levels during steady-state, high-fire and low-fire operation of Lennox SLP98VUH070V36B and leading competitive units as of July 2013 at mid-point temperature rise and minimum external static pressure when set up per Section 4.4.4 of AHRI 260-2012. Efficiency ratings established per test standard: ANSI/ASHRAE 103-2007.

² Based on sound pressure levels during steady-state, high-fire operation of Lennox SL280UH070V36A and leading competitive units at mid-point temperature rise and minimum external static pressure when set up per Section 4.5.3 of AHRI 260.

Solutions for customized comfort

Don't just choose a Lennox® product—choose a Lennox Commercial Comfort System. These complete packages of HVAC solutions provide tools to create a healthy and comfortable environment.



Packaged Units

- Energence® Rooftop Units
- Strategos® Rooftop Units
- Landmark® Rooftop Units
- Raider® Rooftop Units



Commercial Controls

- Systems Integration Solutions
- Commercial Thermostats
- L Connection® Network



VRF

- Outdoor Units
- Indoor Units
- Controls



Mini-Split Systems

- Wall-Mounted Non-Ducted
- Ceiling Cassette Non-Ducted
- Medium-Static Ducted
- Ceiling/Floor Non-Ducted



Solar Ready

- SunSource® Commercial Energy System



Heating

- Unit Heaters
- Duct Furnaces
- Furnaces



Split Systems

- S-Class® Air Conditioners/Heat Pumps
- T-Class™ Air Conditioners/Heat Pumps
- Air Handlers
- Indoor Coils



Indoor Air Quality

- Humiditrol® Dehumidification System
- Demand Control Ventilation
- Air Filters
- UVC Lamps



LENNOX

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Litho U.S.A.