

A951E

High-Efficiency,  
Constant Torque  
Gas Furnaces



REMARKABLY EFFICIENT PERFORMANCE AT ALL TIMES, IN ALL KINDS OF WEATHER.

# BUILT FOR LIFE. YOURS.



**AIREASE®**

Built for life. Yours.





AIREASE

Carefully engineered with  
features that consistently  
save you money.

Designed to deliver economical warmth, the **A951E** constant torque furnace goes beyond typical single-stage operation by **circulating heat evenly and efficiently**. It produces a **steady temperature** throughout the home, with **minimal energy waste**. The **A951E** keeps your family warm, while keeping your heating costs down. And that makes it the smart choice for your HVAC needs.

## Inside the design of an AirEase® A951E furnace:



Up to 30% more efficient than standard single-speed motors, and up to 75% more efficient in constant fan mode

### Quiet Combustion™ Technology:

Uses a smaller Btu input per burner for quieter start-up and operation while providing more even heat distribution.

### Internal Monitoring:

Your AirEase A951E furnace's electronic control system prolongs system life by continuously monitoring internal components for optimum performance and fault prevention.

### EHX™ Technology:

Every AirEase furnace is engineered and built with EHX Technology, a patented design that eliminates the hot spots that can shorten furnace life. EHX Technology makes heat exchangers more durable, and with its advanced airflow system, more air contacts the heat exchanger surface area for greater heat exchange, enhancing efficiency and comfort.

### Advanced Heat Exchanger:

Made from stainless steel for maximum strength and crimped, rather than welded, AirEase heat exchangers are highly resistant to thermal fatigue and other stresses caused by repeated heating and cooling. During the testing process, they are subjected to temperatures that far exceed normal operating ranges, to ensure they will stand up to decades of use.

### Constant Torque Motor:

Maintains a more consistent airflow than a single-speed PSC motor, keeping you consistently comfortable. The motor also operates with greater efficiency and less noise.

### Dual-Fuel

The combination of a gas furnace and an electric heat pump pairs two energy sources for the perfect balance of energy efficiency and comfort.

## The advanced features of the AirEase A951E work together to bring you:

### CRAFTSMANSHIP

EHX and Quiet Combustion Technology components are **precision-built and tested** for long life. Constant torque motors are permanently magnetized, allowing the motor to require less energy to operate.

### EFFICIENCY

Overall efficiency is rated at 95% AFUE and the constant torque blower motor is comparable to more-expensive variable speed motors at a fraction of the cost. **This means substantial savings with a lower initial investment.** (See back cover for an estimate of annual energy savings.)

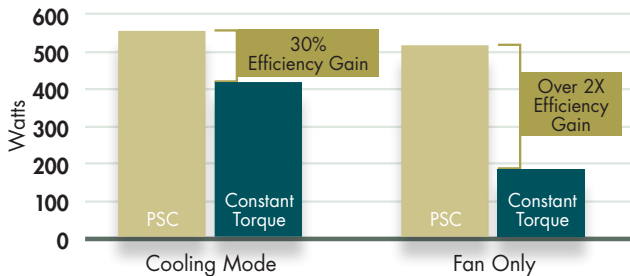
### COMMITMENT

AirEase's dedication to a better product is backed by a Limited Lifetime Warranty on the stainless steel heat exchanger and a 10-Year Limited Warranty on parts.\*

AirEase® constantly works to deliver value to your home. The A951E is a perfect example of this commitment.

## PRECISE PERFORMANCE

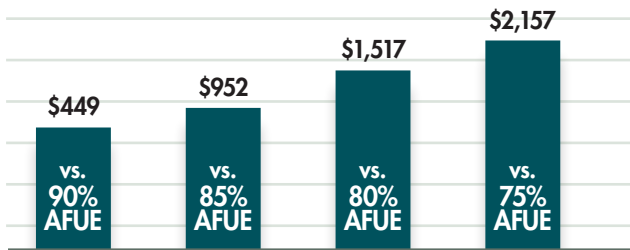
The constant torque motor provides a steady flow of air, helping eliminate hot or cold spots for more even temperatures throughout your home. When you set your thermostat to "Fan On," the furnace improves air filtration by circulating air more efficiently than standard blowers.



## EFFICIENCY

Through quiet and continual rotation, the **A951E's** constant torque motor delivers up to 30% greater efficiency than PSC motor furnaces when running at rated speed and capacity.\*\* It can even save you money in the summer when it's matched with an AirEase air conditioner. As the furnace motor works to circulate air cooled by your air conditioner, it can increase overall system efficiency by up to two SEER† points.

## 5-YEAR ENERGY SAVINGS††



Savings versus less-efficient AFUE units



To gain the maximum performance of this furnace, pair it with an AirEase air conditioner or heat pump.

\*Warranty applies to residential applications only. For terms, conditions and exclusions, see full warranty at [alliedair.com](http://alliedair.com).

\*\*When running at rated speed and capacity.

†SEER stands for Seasonal Energy Efficiency Ratio and is a measure of the cooling efficiency of air conditioners. The higher the SEER, the greater your energy savings.

††Savings vary depending on use, geography, lifestyle, maintenance, installation and other factors.

Exceptional design and efficiency make **A951E** furnaces a solid performer.

Constant torque furnaces are just one more way AirEase helps you enhance your home's efficiency and warmth. The **A951E** furnace is built with smart thinking throughout, from the advanced motor to Quiet Combustion Technology. And that's just the beginning. AirEase is proud to offer more for every homeowner. **We're proud to be BUILT FOR LIFE. YOURS.**



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Due to our policy of continuous improvement, specifications are subject to change without notice.

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Not approved for use in mobile home applications.



Because it is so efficient, your A951E furnace is ENERGY STAR® qualified.