

**A801E**

Single-Stage  
Constant Torque  
Gas Furnaces



EFFICIENT PERFORMANCE AT ALL TIMES. FROM THE SYSTEM PREFERRED BY PROFESSIONALS.

# THE PROFESSIONAL'S CHOICE



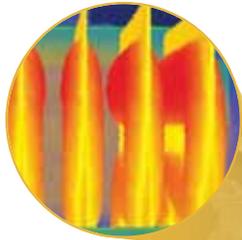
**ARMSTRONG**  
**AIR**  
The Professional's Choice



With Armstrong Air,<sup>™</sup> quality and efficiency are constants. That's why we're the brand consistently chosen by HVAC professionals.

Designed to deliver efficient, economical performance, **A801E** Constant Torque furnaces go beyond typical single-stage operation by circulating heat evenly and efficiently. They produce a **steady temperature** throughout the home, with **minimal energy waste**. They can even help save you money in the summer by boosting your Armstrong Air air conditioner's SEER rating. Chosen by HVAC professionals across the industry, they make an ideal choice for your home.

## Inside the design of an Armstrong Air **A801E** furnace:



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

- EHX™ Technology:**  
Every Armstrong Air 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.
- 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.
- 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 Armstrong Air **A801E** furnace's electronic control system prolongs system life by continuously monitoring internal components for optimum performance and fault prevention.

### **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 Armstrong Air **A801E** work together to bring you:

### CRAFTSMANSHIP

**Precision-engineered EHX and Quiet Combustion Technology components** inside the A801E add to the furnace's exceptional warmth, quiet and reliability.

### EFFICIENCY

Overall **efficiency is rated at 80% AFUE** and the Constant Torque blower motor is comparable to more-expensive variable speed motors, but at a fraction of the cost, meaning substantial savings with a lower initial investment. (See back cover for an estimate of annual energy savings.)

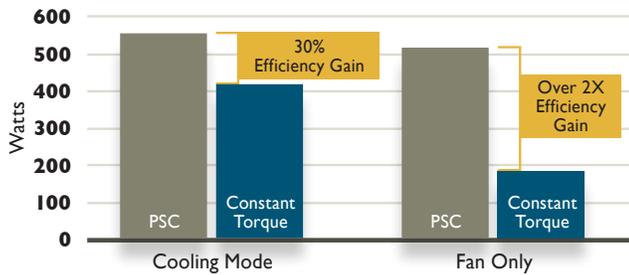
### COMMITMENT

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

Armstrong Air™ constantly works to deliver value to our customers. The A801E is a perfect example of this commitment.

### PRECISE PERFORMANCE

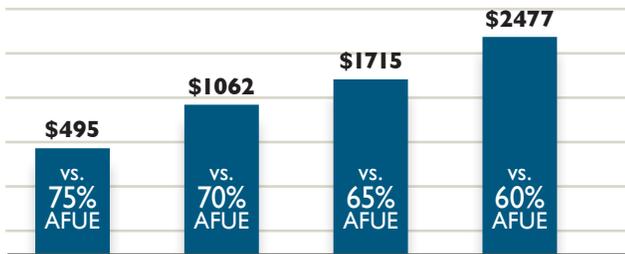
The Constant Torque motor provides a steady flow of air, helping eliminate hot or cold spots for more even temperatures throughout your home. When you set your thermostat to “Fan On,” the furnace circulates air at low speed, which uses less energy and improves air filtration.



### EFFICIENCY

Through quiet and continual rotation, the A801E's Constant Torque motor delivers up to 30% greater efficiency than conventional furnace motors.\*\* It can even save you money in the summer when it's matched with an Armstrong Air 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

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

\*\*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.

Armstrong Air has invested in smart technologies that make A801E furnaces a smart investment.

Constant Torque furnaces are just one more way Armstrong Air helps you enhance your home's comfort and efficiency. Every **A801E** furnace is built with smart thinking throughout, from the advanced motor to Quiet Combustion Technology. And that's just the beginning. Armstrong Air is proud to offer more for every homeowner and every HVAC dealer. **We're proud to be THE PROFESSIONAL'S CHOICE.**



**ARMSTRONG AIR**  
The Professional's Choice

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.

