

**A97MV**

Variable Speed,  
Modulating  
Gas Furnaces



**Most Efficient  
2013**  
[www.energystar.gov](http://www.energystar.gov)

ARMSTRONG AIR'S BEST FURNACES. CHOSEN BY THE BEST IN THE HVAC INDUSTRY.

# THE PROFESSIONAL'S CHOICE



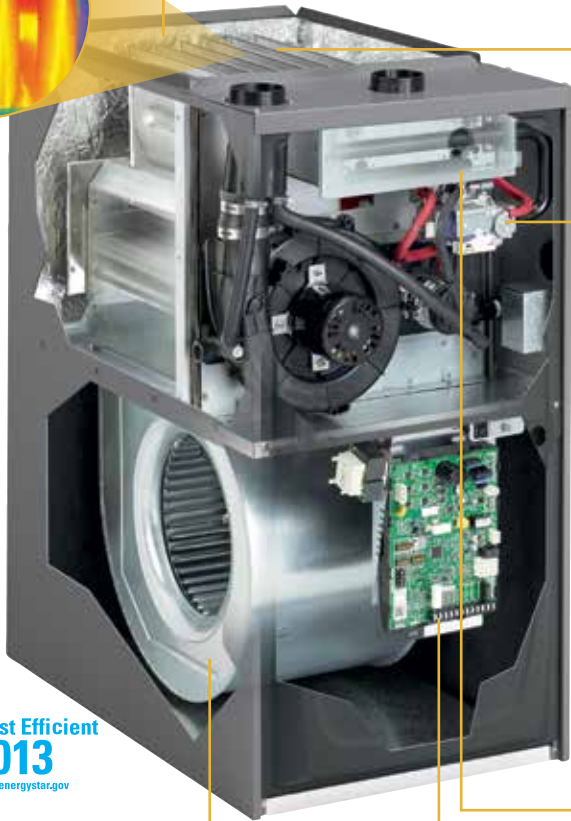
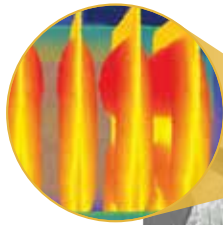
**ARMSTRONG  
AIR**  
The Professional's Choice



Professionals only settle for excellence. Armstrong Air™ always delivers.

Professionals in the HVAC industry choose equipment built with the **highest level of craftsmanship** and engineered with the most energy-efficient features available. An Armstrong Air **A97MV** furnace delivers on both counts. Quality construction assures **years of reliable operation**, and modulating technology provides efficient warmth even in the harshest of winters. It's home heating at its best. It's why it has been named ENERGY STAR's Most Efficient furnace. And it's why you can feel confident the A97MV is the **best choice for your home**.

## Inside the design of an Armstrong Air A97MV furnace:



### ● 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.

### ● Advanced Heat Exchanger:

Made from stainless steel for maximum strength and crimped, rather than welded, Armstrong Air 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.

### ● Modulating Heat:

Highly precise system combines a modulating gas valve with variable speed technology to deliver consistent temperatures while saving energy. It constantly varies heat and airflow in increments as small as 5%, responding to outdoor conditions and household comfort needs. By comparison, a typical single-stage furnace operates at full heating capacity every time it cycles on.

### ● Quiet Combustion™ Technology:

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

### ● Variable Speed Blower:

By changing the speed of airflow, your furnace can adjust humidity levels and create more even temperatures throughout your home, while enhancing efficiency and reducing operating noise.

### ● Internal Monitoring:

Your Armstrong Air A97MV 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 A97MV work together to bring you:

### CRAFTSMANSHIP

Armstrong Air furnaces, featuring EHX and Quiet Combustion Technologies, are constructed of the highest-quality materials and put through rigorous testing to meet our **exacting standards for performance** and durability.

### EFFICIENCY

Engineered to deliver maximum energy savings and comfort, the A97MV has an **efficiency rating of 97% AFUE**, which means it can reduce your utility bills by hundreds of dollars every year. (See back cover for an estimate of annual energy savings.)

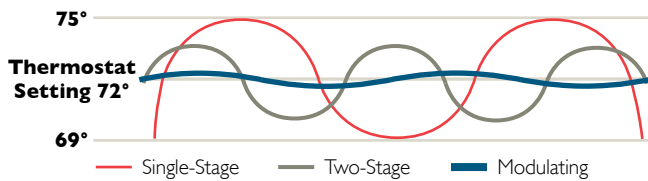
### COMMITMENT

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

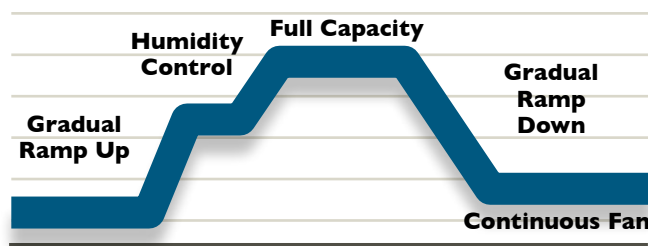
Advanced engineering delivers year-round performance, with utility savings you'll see every month.

### PRECISE PERFORMANCE

The modulating heating system works with a variable speed fan motor to make your indoor climate as comfortable as can be. As temperatures outside change from hour to hour, the system automatically varies heating output to ensure a consistent, quiet flow of warm air throughout your home. Most of the time, the A97MV runs at a lower speed, so you can enjoy optimal comfort with less energy waste and greater savings.



### VARIABLE BLOWER SPEED OPERATION

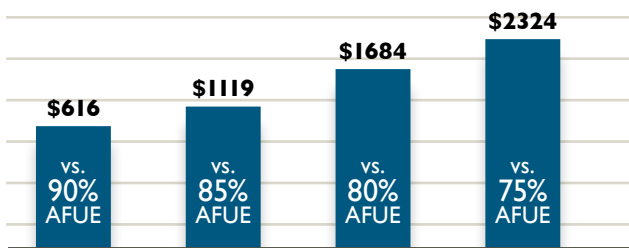


Gradual ramp up and down of the variable speed motor significantly reduce sound

### EFFICIENCY

The A97MV has an AFUE of up to 97%, meaning it converts a full 97% of your fuel into usable heat. That means you can keep your home warm and cozy, while still remaining energy-efficient, all winter long.

### 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.

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

The Armstrong Air™ A97MV furnace. The preferred choice of those who know furnaces best.

Professionals in the HVAC business agree: The Armstrong Air A97MV furnace is the ideal choice for indoor comfort and money-saving efficiency. When you install an Armstrong Air furnace, you know you're getting a quality product, engineered to provide warmth and comfort for years to come. **No wonder Armstrong Air is 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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Form No. AA97MV-300 (01/13) PC73266



Not approved for use in mobile home applications.



Because it is so efficient, your A97MV furnace is labeled ENERGY STAR® Most Efficient.