

**A97MV**

High-Efficiency  
Variable Speed  
Gas Furnaces



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

THE BEST AND MOST EFFICIENT FURNACE, ENGINEERED WITH CUTTING-EDGE TECHNOLOGY.

# BUILT FOR LIFE. YOURS.



**AIREASE<sup>®</sup>**

Built for life. Yours.

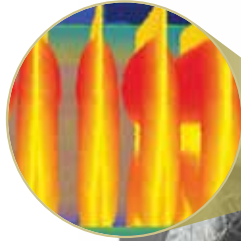


**AIREASE**

For those who demand  
excellence. AirEase™  
always delivers.

The **A97MV** is built with the **highest level of craftsmanship** and engineered with the most energy-efficient features available. 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 awarded the ENERGY STAR® Most Efficient mark in 2013. And it's why you can feel confident the A97MV is the **best choice for your home.**

## Inside the design of an AirEase A97MV furnace:



### 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.

### 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.

### Comfort Sync®-enabled Control Board:

Your AirEase A97MV can continuously monitor internal components for optimum performance and fault prevention. It can even work together with your Comfort Sync thermostat to notify you and your dealer if repairs or maintenance are needed.

### Variable Speed Blower:

By changing the speed of airflow during startup, your furnace can adjust humidity levels and create more even temperatures throughout your home, while enhancing efficiency and reducing operating 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 A97MV work together to bring you:

### CRAFTSMANSHIP

AirEase 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.)

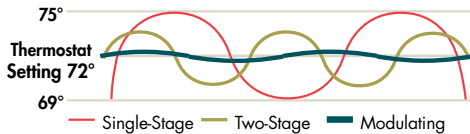
### COMMITMENT

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.\*

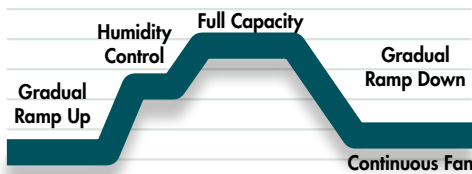
Advanced engineering delivers year 'round performance with utility savings you'll see every month.

### 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. Many times, 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 reduces sound.

### COMFORT SYNC®

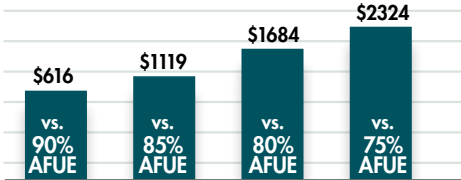
The Comfort Sync thermostat offers technologically advanced management of your HVAC system. From remote access via smartphone, tablet or laptop to live weather forecasts to an energy-saving One-Touch Away mode, you will enjoy more control and greater energy savings with just a few touches.



### 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 unit

\*Warranty applies to residential applications only. For terms, conditions and exclusions, see full warranty at alliedair.com.

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

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

The AirEase **A97MV** furnace is the ideal choice for indoor heating and money-saving efficiency. When you choose an AirEase furnace, you know you're getting a quality product, engineered to provide warmth and reliable operation for years to come. AirEase is the smart choice for quality and value. **BUILT FOR LIFE. YOURS.**



**AIREASE™**  
Built for life. Yours.

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

Printed in U.S.A.  
©2013 Allied Air Enterprises LLC,  
a Lennox International Inc. Company  
Form No. JA97MV-300 (07/13) PC74856



Not approved for use in mobile home applications.



Your A97MV furnace is recognized as the Most Efficient of ENERGY STAR® in 2013.