

Heating & Air Conditioning  
**Amana**

## 80% Variable-Speed Gas Furnace



**LIFETIME  
LIMITED  
WARRANTY**

### FEATURING...

**Amana's Best  
Furnace Technology**

- **Up to \$50 Tax Credit**

\*SEE INSIDE FOR DETAILS

- **Energy-Efficient**

- **MILLION-AIR™  
Heat Exchanger**

- **SureStart™  
Ignition System**

- **Lifetime Unit  
Replacement  
Limited Warranty**



## Our Best Furnace Technology . . . at 80% AFUE!

With an Amana® brand 80% AFUE Two-Stage, Variable-Speed Furnace, you will own what we believe to be the best furnace anywhere. Not only will this furnace provide your family with years of reliable warmth in even the harshest of winters, and do so with 80% efficiency—it will also minimize the temperature swings that can occur from floor-to-ceiling and room-to-room—year-round. And it's designed to last and last and last!

Why are we so proud of this furnace? Because a furnace's most critical component is its heat exchanger, and our patented Million-Air™ is the most durable heat exchanger available. And our SureStart™ Ignition System, another critical component, is comprised of a rugged Silicon Nitride igniter and a patented Adaptive Learning Algorithm, which together ensure long igniter life. Then there's its performance. This furnace's two-stage heating technology and variable-speed blower ensure ongoing room-to-room and floor-to-ceiling temperature consistency. And the furnace's Auto-Comfort mode helps insure maximum dehumidification and energy efficiency during every season.

We're so confident in the quality of your Amana brand 80% AFUE Variable-Speed Furnace that we cover it with a Lifetime Unit Replacement Limited Warranty.\* Not many companies will go to such lengths to assure you of the quality of their products. But few make a product close to the quality of the Amana brand 80% AFUE Variable-Speed Furnace.



### Million-Air™ Heat Exchanger

The heart of your Amana® brand furnace is its patented Million-Air™ stainless-steel tubular heat exchanger. Formed using our patented, dual-diameter pipe and wrinkle-bend technologies, the Million-Air is built to last. One of these heat exchangers has endured over one million extreme-temperature test cycles, and is still going strong. The durability of this heat exchanger is one of the reasons we know your Amana furnace will last for years to come.

### SureStart™ Ignition System

A long-lasting Silicon Nitride Igniter and our Adaptive Learning Algorithm comprise the Amana brand furnace's SureStart™ ignition system. The Silicon Nitride Igniter, which is significantly more durable than the igniters used in many competitors' furnaces, is so



rugged that it can be pressed through a piece of wood without breaking. To maximize the life of the igniter, a patented Adaptive Learning Algorithm ensures that the igniter provides just the right amount of heat for a lifetime of safe start-ups. The system also automatically compensates for variations in line voltage for further reliability.

### Energy Efficiency

After product safety and durability, most new furnace buyers are concerned about energy efficiency. A furnace's efficiency can primarily be determined by two factors: its AFUE rating (Annual Fuel Utilization Efficiency), which indicates what percentage of each dollar of natural gas purchased is actually used to heat your home; and the type of blower used in the furnace. Your new Amana® brand Variable-Speed Furnace offers 80% AFUE. Compare this furnace to the typical 60% AFUE furnaces that are installed in many homes today,

and you'll see the energy savings you'll enjoy for years to come. And its variable-speed blower makes this furnace even more efficient. On most days the blower runs 90% of the time on a low-fire setting, producing just 25% of the high-fire sound. The low constant fan setting can use as little energy to run as a 75-watt light bulb. As the furnace runs in low-heat capacity, the unit is able to maintain even warmth throughout the house, without high-heat surges. The Amana® brand 80% AFUE Variable-Speed Furnace is one of the most efficient furnaces we manufacture, and one of the best furnaces in the industry.

### Auto-Comfort Setting

The circulating blower in your furnace plays a role in temperature control in your home year-round—even during cooling season. The Amana brand 80% AFUE Variable-Speed Furnace's Auto-Comfort setting provides superb humidity and temperature control, while maximizing the efficiency of your system. When the thermostat calls for your heating and air conditioning system to cool, our electronic Auto-Comfort technology increases and decreases the blower's speed gradually to achieve optimal efficiency, maximum dehumidification and ultra-quiet operation. The furnace only ramps to full speed if required and then will slowly ramp down to wring out every bit of cooling energy from the coil and to dehumidify the home.

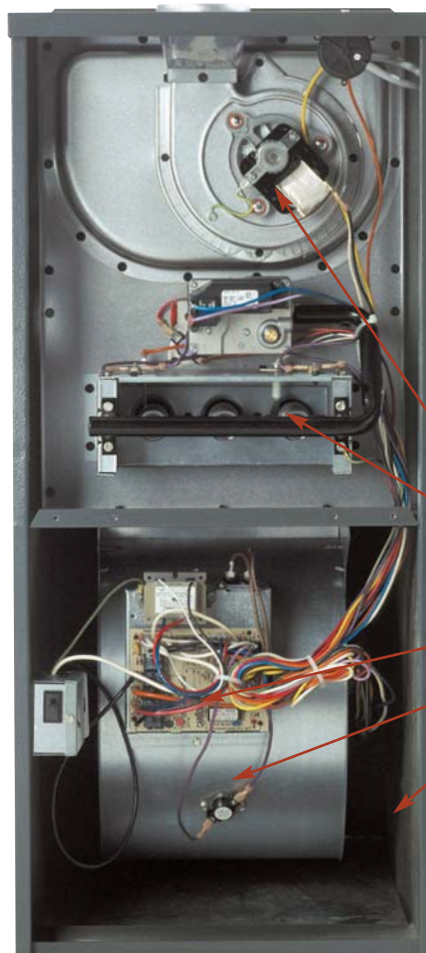
### Quiet Performance

Nobody likes being jolted from a deep sleep by a noisy furnace surging on. With your Amana brand 80% AFUE Variable-Speed furnace, you can say goodbye to those rude awakenings. Because the furnace operates on low capacity 90% of the time, it produces just 25% of the normal high-fire and circulating blower sound. And to make our unit as quiet as possible, we fully insulate the furnace cabinet to reduce sound even further.

### Warranty

We're so confident in the lasting power of your Amana® brand 80% AFUE Variable-Speed Furnace that we protect it with one of the best warranties in the industry, a Lifetime Unit Replacement Limited Warranty. If the heat exchanger on this unit fails on the original, registered owner, WE WILL SUPPLY A NEW UNIT FOR FREE.\* All remaining parts are covered by a 10-Year Limited Warranty. So you can rest assured that you've made a wise investment in a product that will last and last and last.

For added security, consider Amana Asure™ Extended Service Protection, which provides extended parts and labor coverage for your entire heating and cooling system.



### Did you say "Tax Credit"?

Yes, we did. With the recently enacted Energy Policy Act of 2005 (EPACT), you may be eligible for a tax credit. EPACT provides for tax credits of up to \$50 for qualified homeowners who purchase specific furnaces containing a variable-speed blower during 2006 and 2007.\*\* And that's in addition to the savings you'll realize year-round with an energy-efficient, variable-speed furnace! (Only AMV8 models qualify)

Yearly Heating Cost Savings Comparison by US City	80% AFUE Savings over 60% AFUE
Seattle	\$1,569
Minneapolis	\$1,324
Newark	\$1,242
St. Louis	\$1,066
Atlanta	\$895

- 1) The higher the AFUE, the greater the efficiency – and the lower the operating cost. AFUE (Annual Fuel Utilization Efficiency) is the industry measurement used by the Department of Energy.
- 2) These figures represent the heating cost savings of a 90,000 BTUH system at \$1.415/Therm and are based on formulas published by the DOE and EPA. The additional savings that will be realized through the use of this furnace's variable-speed blower are not included in this calculation.
- 3) These figures are for comparison purposes only. Actual savings will vary according to personal use habits, square footage, location, how your unit is installed and the construction of your home.

### Major Features of your Amana® Brand Furnace

- MILLION-AIR™ Stainless-Steel Tubular Heat Exchanger
- Corrosion-Resistant Vent Blower
- SureStart™ Hot Surface Igniter
- Powder-Paint Finish
- Electronic Ignition Control
- Variable-Speed Blower
- Fully Insulated Cabinet

\* See warranty certificate for details and limitations.  
 \*\* Please consult your tax advisor with regard to the application of the tax credits outlined in EPACT to your particular situation.

## Amana Quality

Americans have been relying on long-lasting Amana® brand products since 1934, when Amana, Iowa, native George Foerstner accepted the challenge of building a dependable beverage cooler. Since then, the Amana brand has enjoyed many firsts, including developing the first cold storage locker, being the first manufacturer to nationally market an upright freezer for home use, and introducing the first portable countertop microwave oven.

The residents of Amana, Iowa, began a long history of pioneering and craftsmanship, and that spirit continues today in the manufacturing of quality Amana Heating & Air Conditioning products. From the technology behind our patented Million-Air™ heat exchanger to the inclusion of high-quality filter dryers in each of our air conditioners and heat pumps, we remain committed to Amana's legacy of providing consumers with heating and cooling products that are built to last. Repeatedly recognized as the brand behind some of America's best furnaces, Amana Heating & Air Conditioning's products are still manufactured in the U.S., with plants in Houston, Texas, Fayetteville, Tenn., and Dayton, Tenn.



**SureStart™**  
SILICON NITRIDE IGNITER

**MILLION-AIR™**  
STAINLESS-STEEL  
HEAT EXCHANGER

Look to your qualified Amana brand dealer to obtain expert advice about installation and service. Your dealer will make sure it's done right the first time, and can help you decide which model best suits your needs.

**Call your AMANA brand dealer today.**

[www.amana-hac.com](http://www.amana-hac.com)

**Heating & Air Conditioning**  
**Amana®**  
**LASTS AND LASTS AND LASTS.™**

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