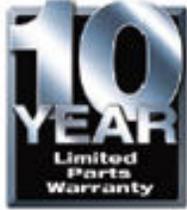




FURNACES

LIMITED WARRANTY - Lifetime Heat Exchanger, 10-Year Parts

MODEL	DESCRIPTION	INPUT RANGE	AFUE*	
GMVM97	Modulating Burner, Variable Speed Motor	60-120 Mbh Input	up to 98%	
GMVC96	Two Stage Operation, Variable Speed Motor	40-120 Mbh Input	96%	
GMEC96	Two Stage Operation, High-Efficiency Motor	40-120 Mbh Input	96%	

- Attractive appearance
- Tubular aluminized steel heat exchanger
- Self-diagnostic control board

- Efficiency ratings up to 98% AFUE
- ENERGY STAR® qualified savings
- Limited 10 year parts warranty
- Limited Lifetime Heat Exchanger Warranty

Save with ENERGY STAR products. Earning the ENERGY STAR means products meet strict energy efficiency guidelines set by the U.S. Environmental Protection Agency. By choosing ENERGY STAR certified heating and cooling equipment and taking steps to optimize its performance, you can enhance the comfort of your home while saving energy. Saving energy helps you save money on utility bills and protect our climate by helping prevent harmful carbon pollution and reducing other greenhouse gases.



Heating & Air Conditioning

Owatonna, MN 55060

507-451-6388



WHAT DOES THAT MEAN?

MODULATING BURNER: Furnaces need to cycle on and off depending on the heating needs of the home. This cycling on and off can waste energy, so engineers have developed a furnace that can operate at different capacities to save energy. Modulating furnaces make slight adjustments depending on the circumstances of the home using a gas valve.

VARIABLE SPEED MOTOR: The term "variable speed" refers to the furnace's indoor blower motor, which moves at different speeds to precisely control the flow of heated and cooled air throughout your home. Variable speed motors can actually save you money on your energy bills, as they consume less electricity than standard motors. Variable Speed Motors are also quieter than fixed-speed motors.

TWO STAGE OPERATION: A two-stage gas valve adjusts the furnace heating output based on demand. When demand is low the furnace will operate in the lower stage, reducing your fuel bill by about 20%. When the demand is higher the furnace automatically cycles up to the higher stage, providing full capacity and more heat. The lower operating stage also allows the furnace to heat more evenly with less on/off cycling. Instead of frequent blasts of full capacity heat the furnace will provide just the warmth called for without over-heating your home.

HIGH EFFICIENCY: Efficiency ratings on furnaces are provided to help consumers learn which furnaces use the least amount of energy. By using less energy, homeowners can lower their energy bills and their environmental impact. There are currently three types of energy ratings found on furnaces. These are: the **Annual Fuel Utilization Efficiency** (AFUE) rating, the **Energy Guide** label and the **Energy Star** rating.

AFUE RATING: The Annual Fuel Utilization Efficiency (AFUE) rating is used to describe the efficiency of a furnace. Shown as a percentage, the AFUE is the ratio of how much heat is sent to your home compared to how much fuel the furnace uses. For instance, a furnace with an AFUE rating of 75% will convert 75% of the consumed fuel into heat, meaning 25% will be lost. Therefore, furnaces with the highest rating have the highest efficiency.

ENERGY GUIDE: The most visible energy rating. These are yellow & black labels affixed to the side of most appliances that consume high amounts of energy. The Energy Guide was developed by the Federal Trade Commission to show the consumer how much energy (in kilowatt hours) the furnace will use annually. It also displays the range of energy used by similar sized furnaces. Additionally, the guide will provide an estimated annual operating cost based on the current average energy cost.

ENERGY STAR: Developed by the United States Environmental Protection Agency and the United States Department of Energy, Energy Star ratings are provided to consumers to showcase which products are the most energy efficient products on the market. In order to receive an Energy Star rating, a furnace must have a minimum AFUE rating of 85 percent.