



Heat Pumps

Model	Seer	Tons	Refrigerant	Limited Warranty
GSZ14	Up to 15*	1-1/2 to 5 Ton	R410A	10 Year Parts
SSZ16	Up to 16*	2 to 5 Ton	R410A	10 Yr Parts/ Lifetime Compressor
DSZC16	Up to 16*	2-5 Ton – 2 Stage	R410A	10 Yr Parts/ Lifetime Compressor
DSZC18	Up to 18*	3-5 Ton – 2 Stage	R410A	10 Yr Parts/ Lifetime Compressor



- ENERGY STAR® qualified savings
- Refreshingly affordable pricing
- Environmentally friendly R-410A refrigerant

* Ratings up to 18+ SEER when matched with a properly matched system

Save with ENERGY STAR products. Goodman® heat pumps that meet or exceed U.S Environmental Protection Agency energy efficiency standards of 14.5 SEER qualify as an ENERGY STAR product. That means when you compare them with standard models, you'll find ENERGY STAR products provide a higher level of efficiency, cutting electricity consumption and cost.



Advanced R-410A Refrigerant Like a heart, your comfort system circulates a fluid - called a refrigerant - to function properly. All Goodman® products with R-410A use an advanced refrigerant that doesn't harm the ozone layers while providing a reliable, efficient performance for your home environment



Owatonna, MN 55060
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WHAT DOES THAT MEAN?

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.

SEER Seasonal Energy Efficiency Ratio. The SEER is just like the EER (Energy Efficiency Ratio) with one important exception. The SEER value is a more realistic efficiency measurement. The EER is measured using one set of temperatures at an Air Conditioning, Heating and Refrigeration Institute (AHRI) and U.S. Department of Energy required 95 F outside air temperature. The SEER is measured using the total cooling energy required for an average cooling season, divided by the total electrical energy required during that season. A higher SEER means higher efficiency and lower energy bills.

Two Stage Cooling: Two-stage cooling means the air conditioner has a compressor with two levels of operation: high for hot summer days and low for milder days. Since the low setting is adequate to meet household-cooling demands 80% of the time, a two-stage unit runs for longer periods and produces more even temperatures. Longer cooling cycles also translate to quieter, more efficient operation and enhanced humidity control. Compared to a single-stage unit, a two-stage air conditioner can remove twice as much moisture from the air. This is important because when moisture levels are high, there's a higher potential for mold and other pollutant problems

IS "TON" THE WEIGHT? "Ton" was originally a measurement in pounds of the amount of winter ice harvested from rivers and lakes, rather than an indication of modern air conditioner capacity measuring the amount of heat extracted from indoor environments, which is how "ton" is used today. At one time millions of tons of harvested ice was used annually to provide cooling and refrigeration. Ice was a plentiful natural resource, and it was an effective means to extract heat from the air. The connection between a ton of harvested ice and a ton of modern-era air conditioner capacity involves the amount of heat energy required to melt one ton of ice in a 24-hour period, which is 286,000 British thermal units, or 12,000 BTUs per hour. So a 1-ton air conditioner extracts heat at the rate of 12,000 BTUs per hour. A 3-ton air conditioner extracts 36,000 BTUs per hour, and so on.
