

13 SEER HIGH-EFFICIENCY HEAT PUMPS

QUALITY MANUFACTURED
HEAT PUMP THAT REDUCES
OPERATING COSTS WHILE
ADVANCING HOME COMFORT.



Goodman

Air Conditioning & Heating

ENERGY EFFICIENCY IS KEY TO CONTROLLING THE COST OF AIR CONDITIONING YOUR HOME.



ENJOY THE LATEST IN HIGH-EFFICIENCY HEAT PUMP PERFORMANCE AT A SURPRISINGLY AFFORDABLE PRICE!

As the owner of a Goodman 13 SEER High-Efficiency Heat Pump, you have made one of the best purchasing decisions possible in the HVAC marketplace. Why do we say this? Because at Goodman, we strive to build air conditioning and heating equipment that offers high performance, energy efficiency and durability – all at a price that will have you saying “Thank Goodness for Goodman.”

In particular, your Goodman 13 SEER High-Efficiency Heat Pump, with heating efficiencies of up to 8.6 HSPF, will provide you with reliable cooling and heating at money-saving energy efficiency levels. Benefits of this high-quality heat pump include

- High-efficiency scroll compressor
- High-efficiency condenser coil made of aluminum fins and refrigeration-grade copper tubing

- An in-line filter drier, for longer system life
- A high-density compressor sound blanket; 8-pole, 840 RPM motor; four-bladed fan; and wire discharge fan grille – which add up to quieter system performance
- Louvered cabinet made of heavy-gauge galvanized steel protects the coil while its appliance-quality, post-paint finish resists the effects of weather and time
- Attractive Architectural Gray color complements any home

Add to that a **Lifetime Limited Warranty** on the compressor for the original, registered homeowner, and you have a heat pump that offers one of the best product values of any air conditioning and heating manufacturer in the country.

ENDURING, EFFICIENT PERFORMANCE.

You can count on your Goodman High-Efficiency Heat Pump to keep you cool on even the hottest summer days, and warm

when the thermometer drops. Your Goodman heat pump starts with a high-performance, high-efficiency scroll compressor, which operates in tandem with our high-efficiency coil. The coil is made of refrigeration-grade copper tubing and aluminum fins in a design that maximizes surface area. These high-quality components together heat and cool your home effectively while saving you money on your energy bills!

And if that's not enough, Goodman goes one step further: we install a liquid-line filter drier in every heat pump we build. The filter drier prevents moisture and debris from entering the compressor motor and expansion device, thus preserving the life of the system. Many manufacturers leave this step out, but we've installed filter driers in our heat pumps since we first started making them because we know they add many years to the life of a unit.



QUALITY MANUFACTURING BACKED BY WARRANTIES AND SERVICE

YOUR UNIT'S OPERATING COSTS AND SEER/HSPF .

"SEER" stands for Seasonal Energy Efficiency Ratio, which is a measure of an air conditioner or heat pump's cooling energy efficiency developed by the U.S. Department of Energy. It's a simple formula: the higher the SEER of your unit, the greater its efficiency – and the lower your operating costs. Today's minimum manufacturing standard, as directed by the federal government, is 10 SEER for cooling.

Similarly, "HSPF" stands for "Heating Seasonal Performance Factor," which is a measure of your unit's heating efficiency. Today's minimum manufacturing standard is 6.85 HSPF for heat pumps.

Older installed units in many homes may have actual operational efficiencies that are even lower than today's minimum standards. In many cases, these older units can really inflate the electric bill.

However, your Goodman Heat Pump offers efficiencies of up to 13 SEER and 8.6 HSPF, providing significant savings compared to many older units, and even compared to the 10 SEER/6.85 HSPF units manufactured today.



(See chart for savings comparison.) In fact, these units are so efficient that they meet the higher standard of the Environmental Protection Agency's (EPA) Energy Star Program!

QUIET YOU CAN COUNT ON.

We know that the last thing you want to hear at night is a noisy heat pump starting up. So, we built our Goodman High-Efficiency Heat Pumps with several sound-dampening features, all to ensure that your cooling and heating system doesn't interfere with a good night's sleep. First, we wrap the compressor in a high-density sound blanket to reduce compressor noise. Then, we rely on a quiet condenser fan system – an 8-pole, 840-RPM motor, a four-bladed fan, and a wire fan discharge grille – to reduce fan-related noise. Your Goodman High-Efficiency Heat Pump will keep you comfortable – but you just may not hear it while it's working!

DURABLE CONSTRUCTION.

At Goodman, we take pride in our manufacturing and build each unit carefully. We rely on strict, quality-driven processes to build well-designed, top-quality, thoroughly tested products, backed by the best standard and extended warranties in the industry. We leak-test every single heat pump three separate times during the manufacturing process, and we run-test each unit before shipment.

This quality focus insures a trouble-free installation and a long product life. Your

MAJOR FEATURES OF THIS GOODMAN 13 SEER HIGH-EFFICIENCY HEAT PUMP INCLUDE:

- High-efficiency scroll compressor
- High-efficiency condenser coil made of aluminum fins and refrigeration-grade copper tubing
- An in-line filter drier, for longer system life
- A high-density compressor sound blanket; 8-pole, 840 RPM motor; top-discharge fan; and wire discharge fan grille – which add up to quieter system performance
- Louvered cabinet made of heavy-gauge galvanized steel protects the coil while its appliance-quality, post-paint finish resists the effects of weather and time
- Attractive Architectural Gray color complements any home

Goodman High-Efficiency Heat Pump will be sitting in your yard for years to come, a fact that we've kept in mind during its construction. For extra condenser coil protection, we build the louvered cabinet/coil guard that is your heat pump's exterior using G90 galvanized steel. We protect the steel with a heavy-duty powder-paint finish in an attractive Architectural Gray color that is a nice complement to both your home's exterior and your landscaping. And we designed a vertical fan discharge system to protect your valuable landscaping.

IMPRESSIVE WARRANTY PROTECTION.

At Goodman, we take extra care to build products that will last for years to come. And we're so confident in the durability of our products that we protect your Goodman High-Efficiency Heat Pump with some of the best warranties in the industry. First, the compressor in our 13 SEER models are covered with a **Lifetime Limited Warranty** for the original, registered homeowner.

Then, we protect all functional parts with a **10-Year Limited Parts Warranty**.

For even greater peace of mind, ask your Goodman dealer about **GoodCare**[®], an affordable Extended Parts and Labor Warranty for your entire Goodman system.



Energy Star [®] Cooling/Heating Climate Zones	City in Climate Zone	13 SEER/8.6 HSPF Annual Savings over 8 SEER/5.6 HSPF
3/3	Newark	\$431
5/3	Las Vegas	\$478
6/4	Atlanta	\$424
10/6	Houston	\$366
12/7	Miami	\$337

1) The higher the SEER, the greater the efficiency – and the lower the operating cost. SEER - Seasonal Energy Efficiency Ratio - is the industry measurement used by the Department of Energy.

2) These figures represent estimated annual heating and cooling cost savings of a 3-ton system at \$0.086/KWHR and are based on formulas published by the DOE and EPA.

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.



Thank goodness for Goodman.

**GOODMAN MANUFACTURING COMPANY:
A RECOGNIZED INDUSTRY LEADER**

Over 20 short years, the Goodman family of companies has grown to be the second largest unit manufacturer of residential air conditioning and heating systems in the United States, and the world's largest privately-held air conditioning and heating manufacturer.

It all started in 1982 when Harold Goodman, a former air conditioning contractor who felt he could do it better, bought the assets of a bankrupt air conditioning manufacturer. His goal was to build air conditioning and heating equipment that performed reliably, lasted for a long time and solved many of the problems contractors encountered in the design of other companies' equipment – all at a price that made indoor comfort affordable to as many people as possible.

We've accomplished Harold's goals by focusing on just one thing – building the most reliable, cost-effective cooling and heating products on the market. Period. We don't build jet engines and we don't build plumbing fixtures. We build air conditioning and heating systems, and we are solely committed to leading this industry.

Goodman Manufacturing Company produces heating, ventilation and air conditioning equipment at its five manufacturing plants, which are located in Houston, Texas (3), Fayetteville, Tenn., and Dayton, Tenn. The company's products are marketed under the Goodman®, Amana®, GmC®, Janitrol® and QuietFlex® brands and are sold through 700 distribution locations throughout North America, which include independent distributors and company-owned distribution facilities.



Goodman Family of Brands

