



Air Conditioning & Heating

# GSH13

## ENERGY-EFFICIENT HEAT PUMPS

### 13 SEER PERFORMANCE

QUALITY MANUFACTURED  
AIR CONDITIONING THAT  
CAN REDUCE OPERATING  
COSTS WHILE ADVANCING  
HOME COMFORT.



- ◆ 5-YEAR PARTS LIMITED WARRANTY\*
- ◆ SPECIFICALLY DESIGNED FOR USE WITH R-22 REFRIGERANT
- ◆ LEGENDARY GOODMAN PERFORMANCE AND QUALITY



\* Full warranty details available at [www.goodmanmfg.com](http://www.goodmanmfg.com).

**Thank goodness for Goodman.®**

# Goodman®

## Air Conditioning & Heating

### ENERGY EFFICIENCY IS KEY...

#### TO CONTROLLING THE COST AND COMFORT OF HEATING YOUR HOME.

As the owner of a Goodman® brand GSH13 Energy-Efficient Heat Pump, you have made one of the best purchasing decisions possible in the HVAC marketplace. Why do we say this? Because we strive to build heating and air conditioning 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 brand GSH13 Energy-Efficient Heat Pump will provide you with reliable cooling at money-saving energy efficiency levels as compared to lower SEER units. Benefits of this high-quality heat pump include:

- A high-performance, energy-efficient compressor
- A high-efficiency condenser coil made of corrugated aluminum fins and rifled refrigeration-grade copper tubing
- A factory-installed in-line filter dryer,

Add to that a **5-Year Parts Limited Warranty\*** on all functional parts, and you have a heat pump that offers what we believe to be one of the best product values in the industry.



#### ENDURING, EFFICIENT PERFORMANCE.

You can count on your Goodman brand GSH13 Energy-Efficient Heat Pump to keep you cool on even the hottest summer days. Your Goodman heat pump starts with a high-performance, energy-efficient compressor, which operates in tandem with our high-efficiency coil. The coil is made of rifled refrigeration-grade copper tubing and corrugated aluminum fins in a design that maximizes surface area. These high-quality components together heat and cool your home effectively.

And if that's not enough, Goodman goes one step further: we install a bi-flow liquid-line filter dryer in every heat pump we build. The filter dryer 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 dryers in our heat pumps since we first started making them.

*Unmatched combination of performance, efficiency and affordability. That's just what you'll get with Goodman.*

### QUALITY MANUFACTURING BACKED BY EXCEPTIONAL WARRANTIES\*

#### YOUR UNIT'S OPERATING COSTS AND SEER.

“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. Similarly, “HSPF” stands for “Heating Seasonal Performance Factor,” which is a measure of your unit's heating efficiency. Older heat pumps in many homes have operational efficiencies of 8.0 SEER/5.6 HSPF—or even less. In many cases, these lower SEER units can really inflate the electric bill.

When properly matched and installed, your new Goodman brand GSH13 Heat Pump offers efficiencies that provide significant savings compared to lower SEER units.

#### QUIET YOU CAN COUNT ON.

We build our Goodman brand GSH13 Energy-Efficient Heat Pumps with sound-dampening features that help ensure that your cooling and heating system doesn't interfere with a good night's sleep. We rely on a quiet condenser fan system – a three-bladed fan and a louvered sound control top – to help reduce fan-related noise.

\* Full warranty details available at [www.goodmanmfg.com](http://www.goodmanmfg.com).



## DURABLE CONSTRUCTION

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 what we believe to be some of the best standard warranties and extended service plans 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 Goodman brand GSH13 Energy-Efficient Heat Pump will be sitting in your yard for years to come, a fact that we've kept in mind during its construction. Our new design means you get a heat pump that is not only a great product value, but also one of the most attractive units available, with a modern design, quality fit-and-finish and outstanding structural integrity. For extra condenser coil protection, we build the louvered cabinet/coil guard that is your heat pump's exterior using

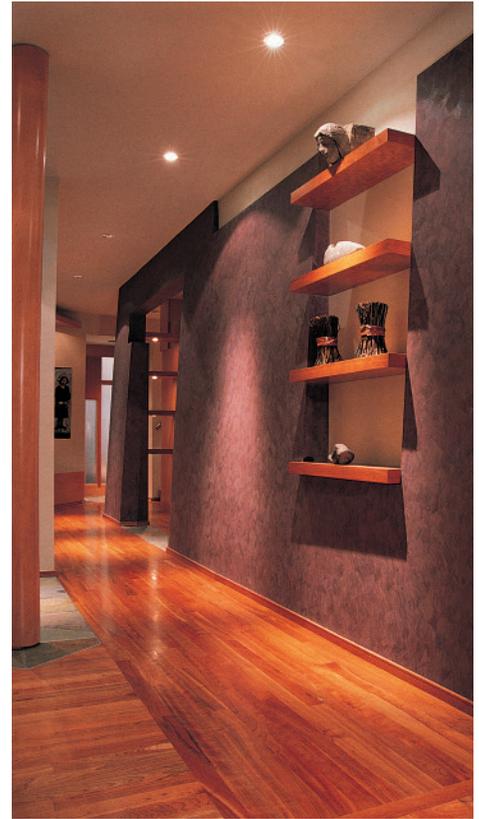
galvanized steel. We protect the unit with a heavy-duty powder-paint finish in an attractive Architectural Gray color that is a nice complement to your home's exterior. And we utilize a vertical fan discharge system to protect your valuable landscaping.

## IMPRESSIVE WARRANTY PROTECTION.

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 all of the functional parts in your Goodman GSH13 Energy-Efficient Heat Pump with a **5-Year Parts Limited Warranty.**

## ADDITIONAL INFORMATION.

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer.



## IMPRESSIVE FEATURES AND BENEFITS:

### GOODMAN® BRAND GSH13 ENERGY-EFFICIENT HEAT PUMPS



- 5-Year Parts Limited Warranty\*
- A high-performance, energy-efficient compressor
- Designed for R-22 refrigerant
- A factory-installed bi-flow, liquid-line filter dryer
- A louvered cabinet made of heavy-gauge galvanized steel that protects the coil, while its appliance-quality, post-paint finish resists the effects of weather and time
- A three-bladed fan and a louvered sound-control top
- A high-efficiency condenser coil made of corrugated aluminum fins and rifled refrigeration-grade copper tubing
- Liquid refrigerant return protection



Thank goodness for Goodman.®

## GOODMAN: THE RECOGNIZED INDUSTRY LEADER

Every Goodman brand heating and air conditioning system is designed, engineered, and manufactured with pride. All employees follow strict, quality-driven processes to ensure that all Goodman products offer the legendary performance that has made the brand a recognized leader in the industry. This attention to quality has resulted in the Goodman family of companies becoming the second largest unit manufacturer of residential air conditioning and heating systems in North America.



The legacy began when Harold Goodman, a former air conditioning contractor, felt that he could build a better product. His goal was, and our goal remains, to manufacture air conditioning and heating equipment that performs more reliably, lasts longer than the competing products and eliminates time-consuming installation problems.

And, of course, he endeavored to make air conditioning and heating products as affordable as possible. Harold accomplished his goal and today the Goodman family of companies manufactures heating, air conditioning and ventilating equipment in modern facilities.



Air Conditioning & Heating

Our continuing commitment to quality products may mean a change in specifications without notice.

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