



Air Conditioning & Heating

# GSH14 HIGH-EFFICIENCY HEAT PUMPS UP TO 14 SEER PERFORMANCE

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



Goodman

**10 YEAR PARTS LIMITED WARRANTY\***

- ◆ 10-YEAR PARTS LIMITED WARRANTY\*
- ◆ LEGENDARY GOODMAN PERFORMANCE AND QUALITY



\* To receive the 10-year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec. Full warranty details available at [www.goodmanmfg.com](http://www.goodmanmfg.com).

**Thank goodness for Goodman.™**



Air Conditioning & Heating

## ENJOY HIGH-QUALITY, HIGH-EFFICIENCY HEAT PUMP PERFORMANCE

### ...AT A SURPRISINGLY AFFORDABLE PRICE!

As the owner of a Goodman® brand GSH14 High-Efficiency 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 GSH14 High-Efficiency 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 air conditioner include:

- A high-performance, high-efficiency 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 **10-Year Parts Limited Warranty\*** on all functional parts, and you have a heat pump that offers one of the best product values in the heating and cooling industry.



### ENDURING, EFFICIENT PERFORMANCE.

You can count on your Goodman brand GSH14 High-Efficiency Heat Pump to keep you cool on even the hottest summer days. 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 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.*

## 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 GSH14 Heat Pump offers efficiencies that provide significant savings compared to lower SEER units. In fact, these units are so efficient that they meet the higher standard of the Environmental Protection Agency’s (EPA) Energy Star Program.\*\*

\*\*Energy Star ratings are dependent upon conditions beyond equipment installation. To make certain your HVAC equipment qualifies for the Energy Star designation get complete information at [www.energystar.gov](http://www.energystar.gov).

\* To receive the 10-year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec. Full warranty details available at [www.goodmanmfg.com](http://www.goodmanmfg.com).



## QUALITY MANUFACTURING BACKED BY EXCEPTIONAL WARRANTIES\*

### 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 build our Goodman GSH14 High-Efficiency 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 – an 8-pole, 850-RPM motor, a three-bladed fan, and a louvered sound-control top – to help reduce fan-related noise. Your Goodman GSH14 High-Efficiency Heat Pump will keep you comfortable.

### 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 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.

### IMPRESSIVE WARRANTY.\*

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 brand GSH14

High-Efficiency Heat Pump with a **10-Year Parts Limited Warranty\*** on all functional parts.

For even greater peace of mind, ask your dealer or visit our web site at [www.goodmanmfg.com](http://www.goodmanmfg.com) for more details about **GoodCare**®, an affordable Parts and Labor Extended Service Plan for your entire Goodman brand HVAC system.†

### 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 GSH14 HIGH-EFFICIENCY HEAT PUMP



- 10-Year Parts Limited Warranty\*
- A high-performance, high-efficiency scroll compressor
- Up to 14 SEER cooling performance, up to 8.2 HSPF or higher heating efficiency
- 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
- An 8-pole, 850-RPM motor; a three-bladed fan; and a louvered sound-control top – all of which add up to quieter system performance
- A high-efficiency condenser coil made of corrugated aluminum fins and rifled refrigeration-grade copper tubing
- Liquid refrigerant return protection
- Performance certified in accordance with the Air Conditioning, Heating and Refrigeration Institute



\* To receive the 10-year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec. Full warranty details available at [www.goodmanmfg.com](http://www.goodmanmfg.com).

† Extended Service Plans not available in all states. Ask your dealer for full details.

**Goodman**

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.

© 2009 Goodman Manufacturing Company, L.P. · Houston, Texas · 06/09

[www.goodmanmfg.com](http://www.goodmanmfg.com)



Mixed Sources  
Product group from well-managed  
forests, controlled sources and  
recycled wood or fiber

Cert no. SGS-COC-2420  
[www.fsc.org](http://www.fsc.org)  
© 1996 Forest Stewardship Council

CB-GSH14