



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

HSZ14

ENERGY-EFFICIENT HEAT PUMPS
UP TO 14 SEER PERFORMANCE

Every HVAC Direct heating and air conditioning system is designed, engineered, and manufactured with pride. All employees follow strict, quality-driven processes to ensure that all HVAC Direct products offer the legendary performance that has made the brand a recognized leader in the industry.



* 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.hvacdirect.us.



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

© 2009 HVAC Direct Company 06/09
www.hvacdirect.us

- CHLORINE-FREE R-410A REFRIGERANT
 - LEGENDARY HVAC DIRECT PERFORMANCE AND QUALITY
 - 10-YEAR PARTS LIMITED WARRANTY*
 - LIFETIME COMPRESSOR LIMITED WARRANTY*
- FOR AS LONG AS YOU OWN YOUR HOME



Energy Efficiency is Key...

To Controlling the Cost and Comfort of Heating your Home.

As the owner of a HVAC Direct brand HSZ14 High-Efficiency R-410A Heat Pump, you have made one of the best purchasing decisions possible in the HVAC marketplace. In particular, your HVAC Direct brand HSZ14 High-Efficiency Heat Pump will provide you with reliable cooling at money-saving energy efficiency levels as compared to lower SEER units.

Enduring, Efficient Performance.

You can count on your HVAC Direct HSZ14 R-410A High-Efficiency Heat Pump to provide year-round comfort and keep you cool on even

the hottest summer days. Your HVAC Direct 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 cool your home effectively.

And if that's not enough, HVAC Direct goes one step further: we install a 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 extending the life of the system. Many manufacturers leave this step out, but we've installed filter dryers in our heat pumps ever since we started making them.

R-410A Refrigerant

Compared to lower SEER, R-22 refrigerant units, our new HVAC Direct HSZ14 heat pump system will not only provide you with money-saving cooling performance for many years, but it also features R-410A refrigerant. Since this refrigerant does not contain chlorine, it is environmentally-friendlier than R-22 refrigerant, which is currently used in most heat pump systems.

Introduced in 1995, R-410A refrigerant has helped increase the durability and reliability of air conditioner compressors.

Your Unit's Operating Costs and SEER/HSPF.

"SEER" stands for Seasonal Energy Efficiency Ratio, which is a measurement of an air conditioner or heat pump's cooling energy efficiency developed by the U.S. Department of Energy (DOE). "HSPF," or Heating Seasonal Performance Factor is the DOE's measurement of a heat pump's heating efficiency. Both formulas are simple: the higher the SEER/HSPF of your unit, the greater its efficiency – and the lower your operating costs.

When properly matched and installed, your new HVAC Direct brand HSZ14 R-410A Heat Pump offers efficiencies that provide significant savings compared to many older 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.



Outstanding Warranty Protection*

How Your Heat Pump Warms Your Home:

Heat pumps do exactly what their name indicates: they pump heat. In the summer, they cool your home by using condensing technology to remove heat from your home and pump it outside. In the winter, to provide warmth, they do the reverse: they extract heat from the outdoors and pump it into the home. Believe it or not, a heat pump can help heat a home even when outside temperatures go as low as 20 degrees Fahrenheit (-7 degrees Celsius)!

In particularly cold climates, however, this heating capacity may need to be supplemented with electric strip heat, fossil-fuel heat, or a natural gas furnace. Ask your contractor to determine which HVAC system best meets the needs of your home and the climate in which you live.

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 HVAC Direct HSZ14 R-410A High-Efficiency Heat Pumps with sound-dampening features that help ensure that your cooling system doesn't interfere with a good night's sleep. We install a quiet condenser fan system – an 8-pole, 850-RPM motor, a three-bladed fan, and a louvered sound-control top – to reduce fan-related noise.

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. We leak-test every single heat pump three separate times during the manufacturing process, and we run-test each unit before shipment.

Outstanding Warranties.*

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 them with what we believe to be one of the best warranties in the business.*

For even greater peace of mind, ask your dealer or visit our web site at www.hvacdirect.us for more details about HVAC Direct Affordable Parts and Labor Extended Service Plan for your entire 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:

**HVAC Direct Brand
HSZ14 R-410A Refrigerant
Energy-Efficient Heat Pumps**

- 10-Year Parts Limited Warranty*
- High-efficiency cooling performance up to 14 SEER
- Chlorine-free R-410A Refrigerant
- High-efficiency heating performance up to 8.2 HSPF
- High-performance scroll compressor with Lifetime Compressor Limited Warranty* for as long as you own your home
- A factory-installed bi-flow, liquidline 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 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
- An attractive new design, finished in an Architectural Gray color that complements any home environment
- Performance certified in accordance with the Air Conditioning, Heating and Refrigeration Institute
- Compressor sound cover

