

4SHP16LS

Up to 16 SEER,
Two-Stage
Heat Pump




CHOOSE THE ENHANCED PERFORMANCE OF THE TWO-STAGE HEAT PUMP INSTALLED AND RECOMMENDED BY HVAC PROFESSIONALS.

THE PROFESSIONAL'S CHOICE



**ARMSTRONG
AIR**
The Professional's Choice

A man and a woman are standing outdoors in front of a house. The woman, on the left, is wearing a light blue button-down shirt and jeans, holding a dark mug. The man, on the right, is wearing a white polo shirt and dark trousers, with his hand resting on top of a large, grey, rectangular outdoor HVAC unit. The unit has a logo that reads "ARMSTRONG AIR". In the background, there is a house with a dark roof and a large window, and some greenery. A tool bag is on the grass near the woman.

The right balance between
energy use, temperature
and humidity.

The Armstrong Air™ **4SHPI6LS** is all about giving you greater control. Unlike single-capacity heat pumps, the **4SHPI6LS** can adjust its heating and cooling output to two different levels, allowing it to **adapt to changing temperature and humidity levels** with greater precision.

Different levels of heating and cooling mean the **4SHPI6LS** will not only maintain the exact temperature you set, it can also remove humidity steadily throughout the day. So your indoor environment is exactly the way you want it, without wasting energy.

Inside the design of an Armstrong Air™ 4SHP16LS heat pump:



MHT™ Technology:

Armstrong Air's proprietary heat transfer system uses a specially designed fan shroud, rifled tubing and lanced coil fins for maximum heat transfer and efficiency.

Sound Reduction:

Inside every 4SHP16LS, you'll find a compressor that's wrapped in a heavy-duty, sound-insulating blanket to reduce operating noise. So you'll enjoy peace and quiet with your comfort.

Two-Stage Scroll Compressor:

Rather than being "all on" or "all off," your heat pump can adjust its output to a high or low level based on your heating and cooling needs. Its two-stage scroll compressor uses a time-tested design known for its consistent performance and long operating life.

Quiet Shift™ Technology:

Allows heat pumps to enter defrost mode without excessive noise. Since refrigerant pressure is allowed to equalize before the switch, the heat pump can dissipate performance-robbing frost and ice quietly.

Integrated Compressor Protection:

Built-in high- and low-pressure switches prevent the 4SHP16LS from operating if there is too much or too little refrigerant, increasing reliability and protecting your investment.

Communicating Control Board:

The 4SHP16LS continually monitors internal components to make sure they're delivering optimum performance, helping ensure long life and reliable operation.

Sealed Contactor with Lugs:

Completely covers the contactor, protecting it from debris and insects.

Dual-Fuel

The combination of a gas furnace and an electric heat pump pairs two energy sources for the perfect balance of energy efficiency and comfort.

The advanced features of the Armstrong Air 4SHP16LS work together to bring you:

CRAFTSMANSHIP

The 4SHP16LS is a **trusted choice**. Each one is built with the highest-quality components, and **100% run-tested** before it leaves the factory to make sure it meets Armstrong Air's demanding standards.

EFFICIENCY

Designed to deliver energy-saving heating and cooling, the 4SHP16LS combines a two-stage scroll compressor with an efficiency rating of up to 16 SEER* to **help you save hundreds of dollars each year**.

COMMITMENT

Armstrong Air's dedication to a better product is backed by a 10-Year Limited Warranty on the compressor and a 10-Year Limited Warranty on parts.**

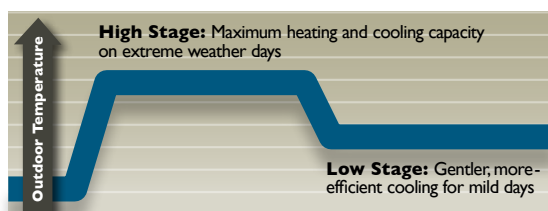
The **4SHP16LS** gives you enhanced control over your environment with a powerful combination of performance and efficiency.

ENHANCED PERFORMANCE

The **4SHP16LS** two-stage compressor operates at a low, energy-efficient output most of the time, with extra capacity available when needed. So you get precise

temperature control, even in extreme weather. Two-stage operation also means lower sound levels for a quieter environment.

TWO-STAGE COMPRESSOR OPERATION



With its two-stage design, the 4SHP16LS makes the distinction between mild and extreme weather days, using only the energy necessary to keep you comfortable.

ENERGY EFFICIENCY

The **4SHP16LS** has a SEER rating of 16, helping you save money on energy every month. The Comfort Sync® Control installed with the **4SHP16LS** allows your Armstrong Air dealer to further fine-tune your system for even greater energy savings, while also allowing you to control your system from anywhere via a smartphone app.

HEALTHIER AIR

Because it can operate at two different output levels, the **4SHP16LS** provides exact control over humidity to improve the quality of the air in your home.

PEACE OF MIND

The **4SHP16LS** constantly monitors itself for optimum performance, and contacts you or your dealer if service or maintenance are needed.

Every piece of Armstrong Air's Pro Series equipment means control, precision and efficiency.

Temperature. Humidity. Air quality. With the Pro Series, you're in control of every aspect of your home's climate, as well as your energy costs. Talk to your Armstrong Air dealer to learn more about the best options for you. You'll be making a smart choice. **And you'll be making THE PROFESSIONAL'S CHOICE.**



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AIR
The Professional's Choice

*Due to Allied Air's ongoing commitment to quality, all specifications, ratings and dimensions are subject to change without notice. Consult AHRI database for the latest performance ratings.

**Warranty applies to residential applications only. For terms, conditions and exclusions, see full warranty at alliedair.com.



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Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit www.energystar.gov.

