4SHP16LS
Up to 16 SEER,
Two-Stage
Heat Pumps
A POWERFUL OPTION FOR EFFICIENT PERFORMANCE. CHOSEN BY HARDWORKING HVAC PROFESSIONALS.
THE PROFESSIONAL'S CHOICE
ARMSTRONG AIR
ARMSTRONG AIR®
The Professional's Choice

Engineered to be as hardworking and reliable as the professional installing it.

A new heat pump is an investment, so you want to be sure it will provide **dependable service** for many years to come. By choosing the Armstrong Air™ **4SHP16LS** heat pump, you can take comfort knowing it's been engineered and tested to meet the **highest standards for performance and craftsmanship.** And with advanced features and technology, the 4SHP16LS can provide **energy-efficient cooling and heating** in any season. No wonder it comes recommended by HVAC professionals across the country.

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

MHT™ Technology:
Armstrong Air's proprietary heat transfer system. A specially designed fan shroud pulls air evenly throughout the heat pump's coil surface. The coil features rifled tubing to enhance refrigerant flow, while lanced coil fins increase surface contact between metal and air. All combine for maximum heat transfer and efficiency.

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.

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 cooling needs. Its two-stage scroll compressor uses a time-tested design known for its consistent performance and long operating life.

Integrated Compressor Protection:
High- and low-pressure switches give additional reliability to each Armstrong Air heat pump. The high-pressure switch prevents operation if refrigerant pressures exceed safe levels, protecting the compressor. If your unit does not have enough refrigerant, the low-pressure switch prevents the unit from drawing in moisture and other contaminants while operating.

Sealed Contactor with Lugs:
Completely covers the contactor, protecting it from debris and insects.

Communicating Control Board:
Your Armstrong Air 4SHP16LS can continuously monitor internal components for optimum performance and fault prevention. When paired with the Comfort Sync® thermostat, you and your dealer can automatically be notified if repairs or maintenance are needed.

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** combines advanced MHT and Quiet Shift Technologies with the highest-quality materials to **deliver superior performance** that you can rely on for many years to come.

EFFICIENCY
With efficiency ratings of up to 16.00 SEER* and 8.50 HSPF,* the **4SHP16LS** heat pump has the power to **reduce your utility bills by hundreds of dollars every year**. (See back cover for an estimate of annual energy savings.)

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.**

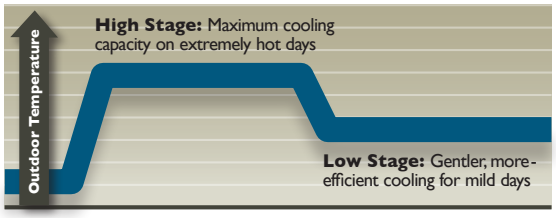
Quiet, consistent cooling. Money-saving efficiency. The 4SHP16LS delivers strong on all counts.

PRECISE PERFORMANCE

We engineered the 4SHP16LS with two-stage operation to deliver quiet performance that saves energy and money. The compressor operates at low capacity most of the time for greater efficiency. But on extremely hot or cold days, your heat pump automatically switches to full capacity to maintain the ideal indoor temperature.

The 4SHP16LS is also designed to be Dual-Fuel compatible, meaning it can be combined with a gas furnace for increased energy efficiency throughout the year.

TWO-STAGE COMPRESSOR OPERATION

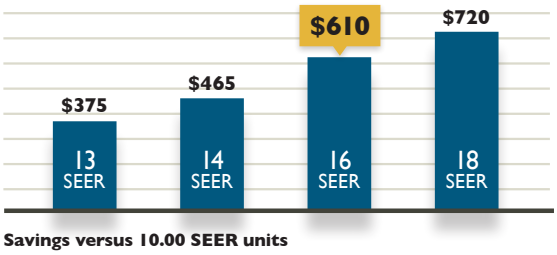


With its two-stage design, the 4SHP18LS makes the distinction between mild and extremely hot or cold days, using only the energy necessary to keep you comfortable.

EFFICIENCY

The 4SHP16LS has efficiency ratings of up to 16.00 SEER* and 8.50 HSPF*—significantly higher than standard single-stage heat pumps. That means you can relax while potentially saving hundreds of dollars in energy costs.

5-YEAR ENERGY SAVINGS***



Savings versus 10.00 SEER units

*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.

***Data Source: Energy Efficiency and Renewable Energy Network, U.S. Department of Energy. Calculations are based on every $100 spent to cool a home using a 3-ton, 10-SEER unit. Fuel rates and heating hours are based on the U.S. national average for fuel and electricity consumption. Actual costs and savings will vary depending on weather conditions, usage, location and local utility rates. This information is intended as an example for comparison purposes only.

The Armstrong Air™ **4SHP16LS** heat pump. The preferred choice of those who know quality.

HVAC professionals turn to the **4SHP16LS** heat pump for reliable performance and efficiency in every season. Experience its quiet operation in your home. **And you'll immediately know why it's THE PROFESSIONAL'S CHOICE.**

ARMSTRONG AIR®
The Professional's Choice

Due to our policy of continuous improvement, specifications are subject to change without notice.
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