

4SHP14LB

Single-Stage
Heat Pumps



POWERFUL AND AFFORDABLE PERFORMANCE THROUGH BETTER TECHNOLOGY.

THE PROFESSIONAL'S CHOICE



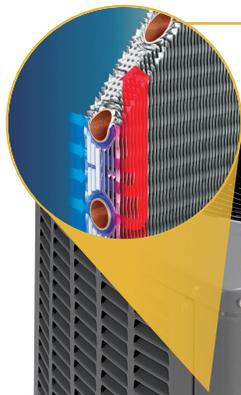

The Professional's Choice



Industry professionals who know performance know that Armstrong Air® is always the best choice.

Inside the **4SHPI4LB** you'll find a unique blend of **advanced technology** that delivers **consistent performance** through the hottest summers. It has been carefully **designed by HVAC experts**, and built by people who take genuine pride in their work. So, naturally, the professionals who know heat pumps continue to **recommend the 4SHPI4LB** to their customers who want more.

Inside the design of an Armstrong Air® 4SHP14LB heat pump:



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 4SHP14LB work together to bring you:

CRAFTSMANSHIP

The forward thinking that goes into these **heat pumps** is apparent throughout. Like MHT™ Technology, a new piping design that improves refrigerant surface contact, thereby **increasing heat transfer, comfort and efficiency**. Additional touches like the specially designed louvers **protect the unit from debris**, demonstrating Armstrong Air's commitment to offering more in every respect.

EFFICIENCY

The **4SHP14LB** rates between 14.00 and 15.00 SEER (Seasonal Energy Efficiency Ratio)*, and up to 8.50 HSPF (Heating Seasonal Performance Factor)* which means it can meet or even exceed the latest government efficiency standards. It also means your new system can help you **use less energy every month**, even when compared to a system that's only a few years old.

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**.**

MHT™ Technology:

Armstrong Air's proprietary heat transfer system. A specially designed fan shroud pulls air evenly throughout the air conditioner'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.

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.

Single-Stage Scroll Compressor:

A time-proven design chosen for its consistent performance, incredible durability and long operating life, the single-stage scroll compressor works hard year after year.

Louvered Coil Protection:

Attractive cabinet shields the coil from damaging elements like hail and debris. Louvered panels are also easier to remove, so annual maintenance can be performed quicker.

Microban® Protection:

On Matched Armstrong Air Indoor Coil. Drain pans are infused with an antimicrobial agent that destabilizes the membrane of microorganism cells, disrupting the cellular function of odor-causing mold and bacteria so they can no longer grow or reproduce.

From small touches to major design advancements, the **4SHP14LB** is a fine example of how Armstrong Air is dedicated to advanced technology and superior performance.

PRECISE PERFORMANCE

Each heat pump uses MHT™ Technology to increase the efficiency of heat transfer between metal and air. For added dependability, it also uses integrated compressor protection that safeguards crucial compressor components from damage due to increased system pressure. Protective louvers keep the unit free of debris, while a robust 10-year warranty provides peace of mind season after season.

EFFICIENCY

With a SEER rating between 14.00 and 15.00, and up to 8.50 HSPF,* the **4SHP14LB** meets or exceeds government standards for energy efficiency. This means you can enjoy the summer months, even in the worst heat, while still using energy wisely.

5-YEAR ENERGY SAVINGS***



Savings versus 10.00 SEER units



To gain the maximum energy efficiency of this heat pump, pair it with a variable-speed or constant torque furnace or air handler.

*Due to Allied Air's ongoing commitment to quality, all specifications, ratings and dimensions are subject to changes 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.

An Armstrong Air® **4SHP14LB** is a wise investment in technology. And the choice of those who know heating and cooling.

When you select the **4SHP14LB**, you're choosing a better heat pump. You're choosing technology that draws on 80 years of cooling expertise, and a heat pump that's built by people who take pride in their work. Enjoy the advanced design that Armstrong Air offers. **It's a smart choice, and 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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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.

