

4SHP14LE

Efficient,  
Single-Stage  
Heat Pumps




PERFORMANCE THAT MEETS EXACTING ARMSTRONG AIR™ STANDARDS—AND THE EXPECTATIONS OF HVAC PROFESSIONALS.

# THE PROFESSIONAL'S CHOICE



  
The Professional's Choice

A close-up photograph of a grey Armstrong Air heat pump HVAC unit. The unit features a prominent white grille with a repeating diamond-shaped pattern. A small, dark grey badge is affixed to the grille, displaying the Armstrong Air logo: a stylized house icon above the word 'ARMSTRONG' and a wavy line icon above the word 'AIR'. The background is a soft-focus outdoor scene with green foliage and a light sky.

Built with excellent craftsmanship, the 4SHP14LE is a heat pump HVAC professionals count on.

You don't build an 80-year history without having strong products and a **commitment to excellence**. The **4SHPI4LE** upholds the Armstrong Air™ tradition of quality and reliability. It's built by people who take genuine pride in their work, and it's rigorously tested to **assure peak performance** in the toughest weather conditions. Take comfort in the advanced technology of Armstrong Air. The brand **chosen by HVAC professionals** throughout North America.

## Inside the design of an Armstrong Air 4SHP14LE 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 4SHP14LE, 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.

### 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.

### 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.

### Microban® Protection:

On Matched Armstrong Air Indoor Coil and Air Handler: 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.

## 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 4SHP14LE work together to bring you:

### CRAFTSMANSHIP

MHT Technology uses specially designed refrigerant tubing to **maximize heat transfer**, while Quiet Shift Technology **reduces noise levels** during defrost mode. In addition, a tough, single-stage scroll compressor **delivers consistent reliability** season after season.

### EFFICIENCY

With up to 15.00 SEER\* and 8.50 HSPF\* **efficiency ratings, the 4SHP14LE** can help lower your energy usage and save you big on annual utility costs compared to an older system. (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.\*\*

Built for years of dependable operation, the 4SHP14LE provides what you need when it matters most.

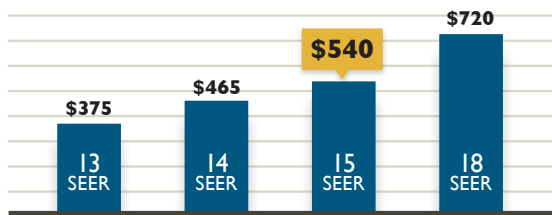
### PRECISE PERFORMANCE

The compressor is the hardest-working component of any heat pump, so Armstrong Air™ protects its compressors with high- and low-pressure switches to ensure long life and reliability. Quiet Shift™ Technology, another Armstrong Air exclusive, eliminates the loud noises created when a heat pump switches to defrost mode.

### EFFICIENCY

The 4SHP14LE delivers up to a 15.00 SEER rating so you get just the right amount of cooling or heating while maintaining efficiency and reducing utility costs. The Dual-Fuel compatibility pairs the two energy sources from a gas furnace and an electric heat pump for ideal efficiency and comfort.

### 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 4SHP14LE—the first choice that's designed to last.

When you purchase a **4SHP14LE** heat pump, you'll benefit from a long-lasting commitment to provide reliable, efficient comfort. It's what professionals and homeowners alike have come to expect from Armstrong Air. **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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Because it is so efficient, your 4SHP14LE heat pump is ENERGY STAR® qualified.

Not approved for use in mobile home applications.