

4SHP14LE

Up to 15 SEER,
Single-Stage
Heat Pumps




TECHNOLOGY THAT MEETS EXACTING ARMSTRONG AIR® STANDARDS—AND THE EXPECTATIONS OF HVAC PROFESSIONALS.

THE PROFESSIONAL'S CHOICE

 **ARMSTRONG**
AIR®
The Professional's Choice

All models are compliant with latest regional standards.

A close-up photograph of a white Armstrong Air heat pump unit. The unit features a large, rectangular grille with a repeating pattern of horizontal slats. A small, oval-shaped badge is affixed to the grille, displaying the 'ARMSTRONG AIR' logo. The background is a soft-focus outdoor scene with green foliage and a light-colored building.

For efficiency and
quieter operation,
HVAC professionals
count on the 4SHP14LE
heat pump.

You don't build an 80-year history without having strong products and an even stronger **commitment to excellence**. The Armstrong Air® **4SHP14LE** is the perfect example of what happens when you set out to exceed expectations. **It's quiet. It's energy efficient. And it's made with pride** by people who know quality. No wonder it's the premium choice of 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 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.

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.

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.

Sealed Contactor with Lugs:

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

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.

The advanced features of the Armstrong Air 4SHP14LE work together to bring you:

CRAFTSMANSHIP

The 4SHP14LE includes **thoughtfully designed features** like MHT™ Technology, a special tubing design that increases surface contact between metal and air for **better heat transfer**. It also uses a hardworking single-stage scroll compressor for long life.

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.**

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 **4SHP14LE** is an exceptional example of efficiency, quality and quiet operation.

PRECISE PERFORMANCE

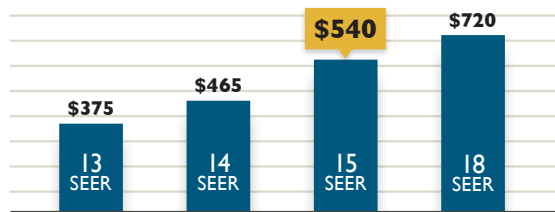
The **4SHP14LE** uses MHT™ Technology for more efficient heat transfer, and also includes high- and low-pressure switches that protect crucial compressor components from damage if the system pressure gets too high or too low.

A heavy-duty sound blanket reduces operating noise for a peaceful outdoor environment, and a sealed contactor lug protects the **4SHP14LE's** internal components from moisture, bugs and debris.

EFFICIENCY

When paired with matching equipment, the **4SHP14LE** delivers up to 15.00 SEER* and 8.50 HSPF* ratings which can result in up to 33% savings*** on utility bills. MHT Technology with rifled fin and tube construction also improves heat transfer for enhanced energy efficiency that can save additional dollars in utility costs every month.

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 \$1.00 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.
A standout
performer, and a
smart decision.

The **4SHP14LE** brings a lot to the comfort of your home. Quieter operation means a more peaceful environment, while efficiency-enhancing features can mean energy savings of several hundred dollars per year. It's the right choice for your home. And 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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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.

