

4SHP18LT

18 SEER,  
Two-Stage  
Heat Pumps




SUPER-EFFICIENT COOLING PREFERRED BY PROFESSIONALS WHO DEMAND MORE.

# THE PROFESSIONAL'S CHOICE



  
The Professional's Choice



Professionals work hard to deliver solid results. And they choose products that do the same.

**Advanced features and technology** mixed with long-term dependability. When you choose the Armstrong Air™ 4SHPI8LT heat pump, you can take comfort knowing this powerful combination is at work to give you the **highest levels of efficiency, reliability and cooling performance.** It keeps your home consistently cool—day after day and season after season, building on more than 80 years of expertise. That's why we're the brand chosen by HVAC professionals across the country.



## Inside the design of an Armstrong Air 4SHP18LT 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.

### Comfort Alert Diagnostics:

Your Armstrong Air 4SHP18LT heat pump's electronic control system prolongs system life by continuously monitoring internal components for optimum performance and fault prevention.

### QuietShift™ 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:

High-tech, swept-wing, fan blade design allows for better sound control and is engineered for long-lasting durability. A heavy-duty compressor blanket further reduces sound levels.

### Two-Stage Scroll Compressor:

Rather than being "all on" or "all off," your heat pump can adjust its cooling output based on conditions inside and outside your home. So you use less energy to maintain comfort.



### Advanced 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.

### 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 4SHP18LT work together to bring you:

#### CRAFTSMANSHIP

The 4SHP18LT combines advanced MHT and QuietShift 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 18.00 SEER and 9.20 HSPF**, the 4SHP18LT 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.\*

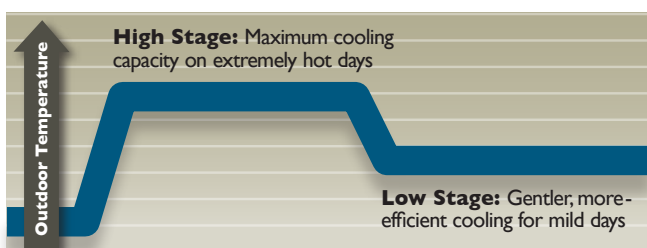
Designed to meet the demanding standards of homeowners and professionals alike.

### PRECISE PERFORMANCE

Two-stage operation maintains a consistent temperature throughout your home. Since the 4SHP18LT can run at a lower capacity during milder weather, it can use longer, gentler, more-efficient heating and cooling cycles. During extremely hot or cold weather, though, it can ramp up to a higher capacity to keep you comfortable.

The 4SHP18LT is also designed to be dual-fuel compatible, meaning it can be combined with a gas furnace for increased comfort and energy efficiency throughout the year.

### TWO-STAGE COMPRESSOR OPERATION

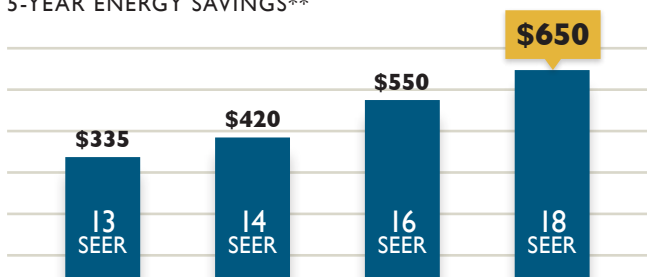


With its two-stage design, the 4SHP18LT makes the distinction between mild and extremely hot or cold days, using only the energy necessary to keep you comfortable.

### EFFICIENCY

The 4SHP18LT has efficiency ratings of up to 18.00 SEER and 9.20 HSPF—significantly higher than standard single-stage heat pumps. That means you can save hundreds of dollars in energy costs, all without sacrificing a degree of comfort.

### 5-YEAR ENERGY SAVINGS\*\*



Savings versus 10.00 SEER units

\*Warranty applies to residential applications only. See full warranty at [www.alliedair.com](http://www.alliedair.com) for terms, conditions and exclusions.

\*\*Savings vary depending on use, geography, lifestyle, maintenance, installation and other factors.

The Armstrong Air™ 4SHP18LT heat pump. Chosen with confidence by people who expect and deliver excellence.

Choose the 4SHP18LT heat pump for your home and experience a higher level of comfort. Comfort you can count on for years to come. It's a smart choice. **Because 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.

Printed in U.S.A.  
©2012 Allied Air Enterprises LLC,  
a Lennox International Inc. Company

Form No. A4SHP18LT-300 (06/12) PC70490



Because it is so efficient, your 4SHP18LT heat pump is ENERGY STAR® qualified.

Not approved for use in mobile home applications.