

**4PHP15**

High-Efficiency  
Heat Pump  
Packaged Units



PROFESSIONALS KNOW EFFICIENT, HIGH-PERFORMANCE HEATING AND COOLING COMES IN ARMSTRONG AIR™ PACKAGES.

# THE PROFESSIONAL'S CHOICE



**ARMSTRONG  
AIR**  
The Professional's Choice



Professionals can appreciate quality craftsmanship and performance. That's why they choose Armstrong Air.<sup>™</sup>

Homeowners rely on professionals in the business to know HVAC equipment inside and out. And those professionals rely on Armstrong Air for quality products they can recommend with confidence. With an unbeatable combination of **energy efficiency, advanced technology, durable materials** and **expert craftsmanship**, it's no wonder Armstrong **4PHI5** packaged heat pumps are preferred by HVAC professionals year after year.

## Inside the design of the Armstrong Air 4PHP15 packaged units:



### MHT™ Technology:

Armstrong Air's proprietary heat transfer system. The coil features rifled tubing to enhance refrigerant flow, while lanced coil fins increase surface contact between metal and air. They 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:

The combination of both high-and low-pressure switches gives additional reliability to each Armstrong Air cooling unit. The high-pressure switch prevents operation in the event that refrigerant pressures exceed safe levels, protecting the compressor. In the event that 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.

### All-in-One Design:

Our single-unit design was developed to keep all heating and cooling operation outside the home, keeping sound inside your home to a minimum.

### Vibration Reduction:

Each compressor is constructed with rubber pads to reduce vibration during operation. Less vibration lowers sound, so your outdoor entertaining is not interrupted.

### Variable Speed:

By changing the speed of airflow at startup, your furnace can adjust humidity levels and create more even temperatures throughout your home, while enhancing efficiency and reducing operating noise.

### Internal Monitoring:

Your Armstrong Air packaged unit's electronic control system prolongs system life by continuously monitoring internal components for optimum performance and fault prevention.

The advanced features of the Armstrong Air packaged units work together to bring you:

### CRAFTSMANSHIP

More than 80 years of heating and cooling expertise go into the making of each Armstrong Air **4PHP15** packaged heat pump. Features like MHT and Quiet Shift Technology **ensure years of lasting performance.**

### EFFICIENCY

The **4PHP15** has earned the ENERGY STAR® designation, and with **efficiency ratings of up to 15.00 SEER and 7.7 HSPF** and a variable speed motor, it can deliver significant savings on your utility bills.

### COMMITMENT

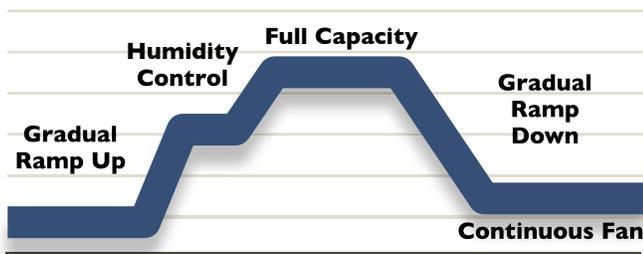
Armstrong Air's dedication to a better product is backed by a **10-Year Limited Warranty** on parts.\*

Armstrong Air™ packaged units are built with the technology to keep you cool in the summer, warm in the winter, and energy efficient all year long.

### PRECISE PERFORMANCE

The 4PHP15 is engineered to last, with Integrated Compressor Protection that keeps your heat pump running smoothly and helps avoid costly maintenance. The variable speed motor and Quiet Shift™ Technology provide consistent airflow while minimizing operating noise. The variable speed motor can also help with humidity control so you can increase your thermostat setting and feel cooler.

#### VARIABLE SPEED BLOWER OPERATION



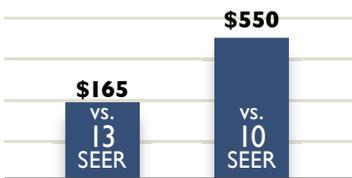
Gradual ramp up and down of the variable speed motor significantly reduces sound.

### EFFICIENCY

MHT technology and other advanced features of the 4PHP15 work together to improve overall performance using less energy. Each model has efficiency ratings of up to 15.00 SEER (Seasonal Energy Efficiency Ratio) and 7.7 HSPF (Heating Seasonal Performance Factor).

And they're ENERGY STAR® qualified, so the Armstrong Air 4PHP15 packaged units will help you save hundreds of dollars in energy costs without sacrificing a degree of comfort.

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



\*Warranty applies to residential applications only. For terms, conditions and exclusions, see full warranty at alliedair.com.

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

Armstrong Air 4PHP15 packaged units combine brilliant thinking in heating and cooling into one convenient piece of equipment.

Those who know HVAC inside and out know that every Armstrong Air 4PHP15 packaged unit includes leading-edge comfort technology and brilliant thinking in efficiency. No matter what the weather, Armstrong Air packaged units will deliver reliable heating and cooling, while helping you use energy wisely. They're always a smart choice. **Because they're 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 these packaged units are so efficient, they are ENERGY STAR® qualified.

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