

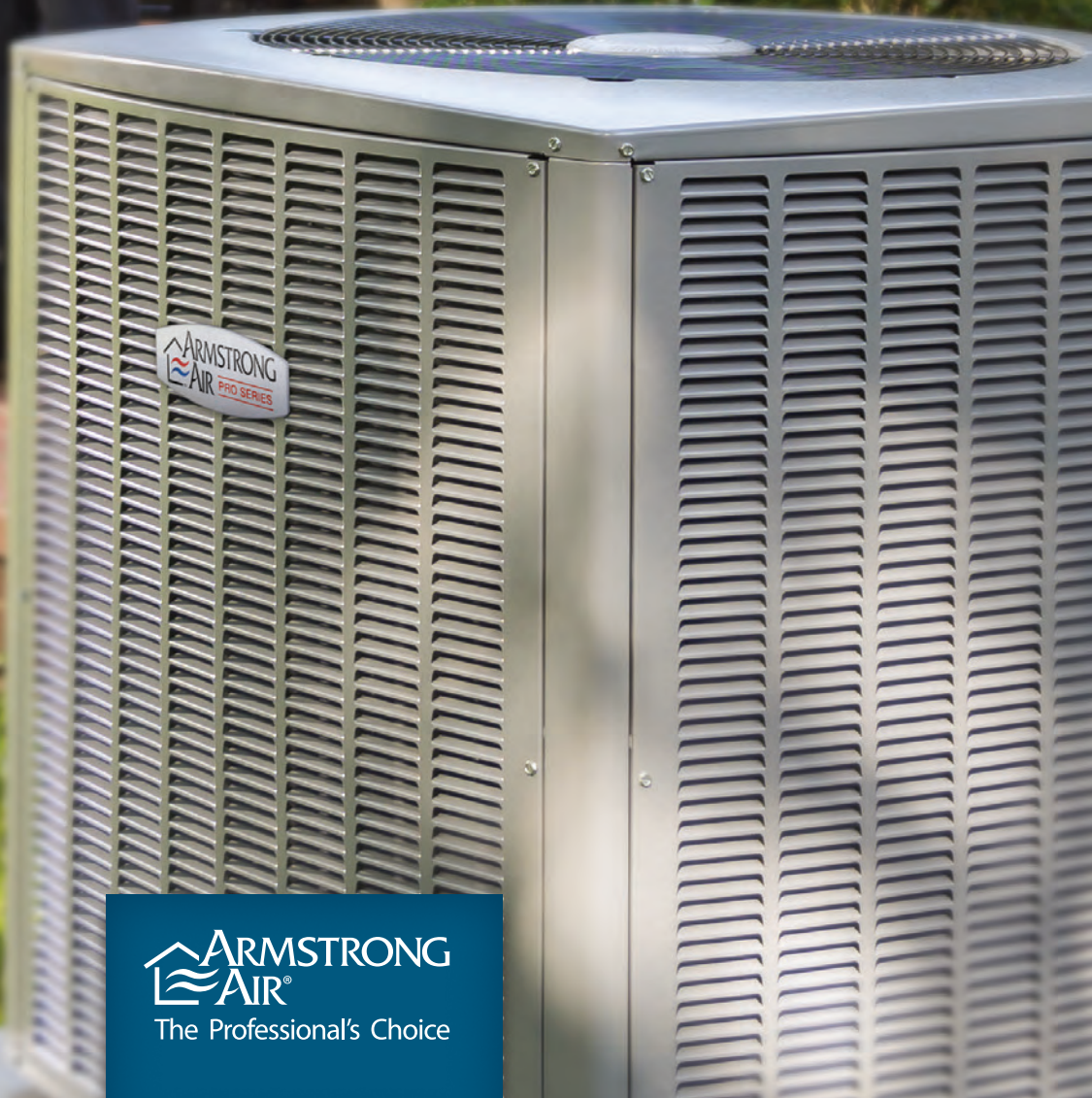
4SHP20LX

Up to 20 SEER,  
Variable-Capacity  
Heat Pump



ADVANCED PERFORMANCE THAT PUTS YOU IN TOTAL CONTROL OF YOUR HOME ENVIRONMENT.

# THE PROFESSIONAL'S CHOICE



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

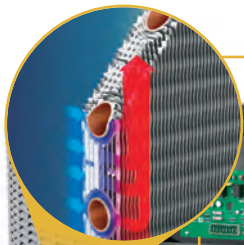
Precision, performance  
and efficiency. Just the  
way you want them.



The **4SHP20LX** variable-capacity heat pump is the perfect example of Armstrong Air's commitment to providing you with **maximum control** of your home temperatures, energy use and air quality.

With its ability to adjust heating and cooling output with **extreme precision**, the **4SHP20LX** can keep your home exactly how you want it from season to season. All while using up to 50% less energy than standard heat pumps.\*

## Inside the design of an Armstrong Air® 4SHP20LX heat pump:



### MHT™ Technology:

Armstrong Air's proprietary heat transfer system uses a specially designed fan shroud, rifled tubing and lanced coil fins for maximum heat transfer and efficiency.

### Sound Reduction:

A swept-wing fan blade design reduces turbulence, while a heavy-duty compressor blanket further reduces sound levels.

### Quiet Shift™ Technology:

Allows the **4SHP20LX** to enter defrost mode without excessive noise, quietly removing performance-robbing frost and ice.

### Integrated Compressor Protection:

High- and low-pressure switches prevent the compressor from turning on if there is too much or too little refrigerant, helping to ensure lasting performance.

### Inverter-Driven Scroll Compressor:

Rather than running at one or even two speeds, the scroll compressor in the **4SHP20LX** uses an inverter motor that can change its speed in small, precise increments. This lets the **4SHP20LX** use just the right amount of energy, while holding your temperature precisely where you set it.



### Communicating Control Board:

Your Armstrong Air **4SHP20LX** continuously monitors internal components for optimum performance and fault prevention, and notifies you and your dealer if repairs or maintenance are needed.

## Dual-Fuel

Pairing a gas furnace and an electric heat pump creates a dual-fuel system that can use two energy sources for the perfect balance of energy efficiency and comfort.



Pro Series air conditioners are up to  
**twice as efficient**  
as older units\*

The advanced features of the Armstrong Air **4SHP20LX** work together to bring you:

### CRAFTSMANSHIP

**MHT™ Technology, sound reduction technology** and other thoughtfully engineered features work together to **deliver premium performance** and proven reliability.

### EFFICIENCY

The inverter-driven scroll compressor runs at just the right speed to maintain the temperature you specify, allowing the **4SHP20LX** to deliver up to **20 SEER energy efficiency**.

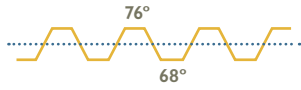
### COMMITMENT

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.\*\*

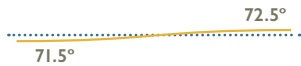
The **4SHP20LX** means everything just the way you want it.

### PRECISE PERFORMANCE

The **4SHP20LX** inverter-driven scroll compressor gives it variable capacity, letting it adjust heating and cooling up and down like a dimmer switch. So temperatures are held exactly where you want them, even in extremely hot or cold weather.



*Single capacity means heating and cooling are either all the way on or all the way off, creating temperature swings.*



*Variable capacity keeps the temperature exactly where you want it.*

### COMFORT SYNC®

The Comfort Sync® control maximizes performance and efficiency of indoor and outdoor units. It also uses a smartphone app to allow temperature adjustment from anywhere.

### ENERGY EFFICIENCY

The **4SHP20LX** and Comfort Sync fine-tune heating and cooling up and down, potentially saving you hundreds of dollars every year in energy costs.

### HEALTHIER AIR

Because the **4SHP20LX** operates mostly at low speed, it offers more dehumidification in cooling mode.

### PEACE OF MIND

The **4SHP20LX**'s sophisticated internal monitoring contacts you or your dealer if service or maintenance are needed.

Every piece of Armstrong Air's Pro Series equipment means control, precision and efficiency.

Temperature. Humidity. Air quality. With the Pro Series, you're in control of every aspect of your home's climate, as well as your energy costs. Talk to your Armstrong Air® dealer to learn more about the best options for you. You'll be making a smart choice. **And you'll be making THE PROFESSIONAL'S CHOICE.**



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

\*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.

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

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](http://www.energystar.gov).

