

4SHP16LS

Up to 16 SEER,  
Two-Stage  
Heat Pump



BUILT TO DELIVER ENHANCED PERFORMANCE AND CONTINUOUS ENERGY EFFICIENCY.

# BUILT FOR LIFE. YOURS.

**AIREASE**  
PRO  
SERIES

**AIREASE**

Built for life. Yours.

A man and a woman are standing outdoors next to a large, grey outdoor air conditioning unit. The woman, on the left, is wearing a light blue button-down shirt and jeans, and is holding a dark mug. The man, on the right, is wearing a white polo shirt and dark trousers, and has his hand resting on the top of the unit. The unit has a logo that says "AIREASE". In the background, there is a house with a dark roof and a large window, and some greenery. The scene is brightly lit, suggesting it's daytime.

Precise control over  
temperatures, humidity  
and energy costs.

Two-stage heating and cooling allows the **4SHP16LS** to adapt its output to match demand, so **your temperature stays exactly where you set it**. Two-stage operation also helps the **4SHP16LS** save energy, because it can run at a lower, more efficient speed most of the time and ramp up output as needed for the coldest or hottest days.

By adjusting its heating and cooling output, the **4SHP16LS** can even **give you greater control over humidity**, to preserve the quality of your air. It's the heat pump built to offer more. Because **it's built for life. Yours.**

## Inside the design of an AirEase® 4SHP16LS heat pump:



### MHT™ Technology:

AirEase'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:

Inside every 4SHP16LS, 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.

### Two-Stage Scroll Compressor:

Rather than being "all on" or "all off," your heat pump can adjust its output to a high or low level based on your heating and cooling needs. Its two-stage scroll compressor uses a time-tested design known for its consistent performance and long operating life.

### 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:

Built-in high- and low-pressure switches prevent the 4SHP16LS from operating if there is too much or too little refrigerant, increasing reliability and protecting your investment.

### Communicating Control Board:

The 4SHP16LS continually monitors internal components to make sure they're delivering optimum performance, helping ensure long life and reliable operation.

### Sealed Contactor with Lugs:

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



### 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 AirEase 4SHP16LS work together to bring you:

### CRAFTSMANSHIP

The 4SHP16LS is a **trusted choice**. Each one is built with the highest-quality components, and **100% run-tested** before it leaves the factory to make sure it meets AirEase's demanding standards.

### EFFICIENCY

Designed to deliver energy-saving heating and cooling, the 4SHP16LS combines a two-stage scroll compressor with an efficiency rating of up to 16 SEER\* to **help you save hundreds of dollars each year**.

### COMMITMENT

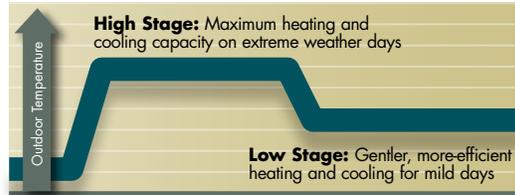
AirEase's dedication to a better product is backed by a 10-Year Limited Warranty on the compressor and a 10-Year Limited Warranty on parts.\*\*

The enhanced performance of the **4SHP16LS** gives you more of what you demand.

### ENHANCED PERFORMANCE

The **4SHP16LS**'s two-stage compressor operates at a low, energy-efficient output most of the time, with extra capacity available when needed. So you get precise temperature control, even in extreme weather. Two-stage operation also means lower sound levels for a quieter environment.

### VARIABLE BLOWER SPEED OPERATION



With its two-stage design, the **4SHP16LS** makes the distinction between mild and extreme weather days, using only the energy necessary to keep you comfortable.

### ENERGY EFFICIENCY

The **4SHP16LS** has a SEER rating of 16, helping you save money on energy every month. The Comfort Sync® control installed with the **4SHP16LS** allows your AirEase dealer to further fine-tune your system for even greater energy savings, while also allowing you to control your system from anywhere via a smartphone app.

### HEALTHIER AIR

Because it can operate at two different output levels, the **4SHP16LS** provides exact control over humidity to improve the quality of the air in your home.

### PEACE OF MIND

The **4SHP16LS** constantly monitors itself for optimum performance, and contacts you or your dealer if service or maintenance are needed.

Every piece of AirEase™ Pro Series equipment means control, precision and efficiency your way.

Temperature. Humidity. Air quality. With the Pro Series, you get them all, just the way you want them, while spending less on energy. Talk to your AirEase dealer to learn more about the **4SHP16LS** and the rest of the Pro Series line. You'll be making a smart choice. **Then get the system that's BUILT FOR LIFE. YOURS.**



**AIREASE**®

Built for life. Yours.

\*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](http://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).

