

4SHP13LE

Up to 14 SEER,
Single-Stage
Heat Pumps



AIREASE® HEAT PUMPS DELIVER YEAR-ROUND PERFORMANCE

BUILT FOR LIFE. YOURS.

A large, tan-colored AIREASE heat pump unit is shown in a close-up view, focusing on the front grille. The grille consists of many horizontal slats. A small AIREASE logo is visible on the grille. The background is a blurred outdoor scene with green foliage and a wooden deck.

AIREASE

AIREASE®

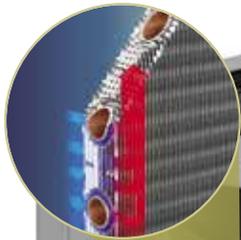
Built for life. Yours.



Expert dealers know AirEase® is the smart choice for advanced heating and cooling technology.

The **4SHP13LE** represents AirEase's **commitment to serious performance and value**. It's designed by comfort experts, and built by people who take genuine pride in their work. So naturally, experienced dealers who know air conditioning continue to recommend the 4SHP13LE to their **customers who want more** from a heat pump.

Inside the design of an AirEase 4SHP13LE heat pump:



MHT™ Technology:

AirEase'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.

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 **4SHP13LE**, 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 AirEase 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.

Sealed Contactor with Lugs:

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

Microban® Protection:

On Matched AirEase Indoor Coil and Air Handler. 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.

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.

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 4SHP13LE work together to bring you:

CRAFTSMANSHIP

The **4SHP13LE** is full of smart thinking throughout. Like MHT Technology, a new fin design that improves surface contact for **greater heat transfer**. Additional touches like an insulation blanket for **quieter operation** and a Microban®-treated drain pan on the indoor coil demonstrate AirEase's commitment to offering more in every respect.

EFFICIENCY

The **4SHP13LE** offers a Seasonal Energy Efficiency Ratio (SEER) of up to 14.00* and a Heating Seasonal Performance Factor (HSPF) of up to 7.70*, which means your new system can help you **use less energy every month** in any weather, even when compared to a system that's only a few years old.

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.**

From advanced technology to reliability, AirEase® delivers more with the 4SHP13LE.

PRECISE PERFORMANCE

Inside every 4SHP13LE you'll find advancements like MHT™ Technology, which improves efficiency and comfort through greater heat transfer. You'll also find high- and low-pressure switches that constantly optimize performance and help protect against faults, a sound-insulating blanket to keep your environment quiet and peaceful, and Quiet Shift™ Technology that allows your 4SHP13LE to defrost quietly.

Pairing your 4SHP13LE with an AirEase gas furnace creates a Dual-Fuel system. Since it can use either gas or electricity to keep you comfortable, a Dual-Fuel system can help you use whichever is most efficient for the weather outside.

EFFICIENCY

When comparing heat pumps, the Seasonal Energy Efficiency Ratio (SEER) and Heating Seasonal Performance Factor (HSPF) can tell you how much energy your unit will use through heating and cooling seasons. The 4SHP13LE's SEER of up to 14.00* and HSPF of up to 7.70* mean it will deliver efficiency that meets or exceeds the standards created by the government. So you'll always use energy wisely.

5-YEAR ENERGY SAVINGS***



Savings versus 10.00 SEER units

*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.

***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.

The AirEase 4SHP13LE is a smart investment. And the choice of those who know heat pumps inside and out.

When you select the **4SHP13LE**, you're choosing a better way to stay comfortable in any weather. You're choosing a heat pump that draws on 80 years of expertise and one that's built by people who take pride in their work. Enjoy the technologically advanced comfort that AirEase offers and know you've chosen something **BUILT FOR LIFE. YOURS.**



AIREASE®

Built for life. Yours.

Due to our policy of continuous improvement, specifications are subject to change without notice.

Printed in U.S.A.
©2014 Allied Air Enterprises LLC,
a Lennox International Inc. Company

Form No. J4SHP13LE-300 (04/14) PC77805



Not approved for use in mobile home applications.