

RPHP13

Heat Pump
Packaged Units



FULL-FEATURED, MULTI-SEASON PERFORMANCE FROM THE BRAND CHOSEN BY EXPERTS.

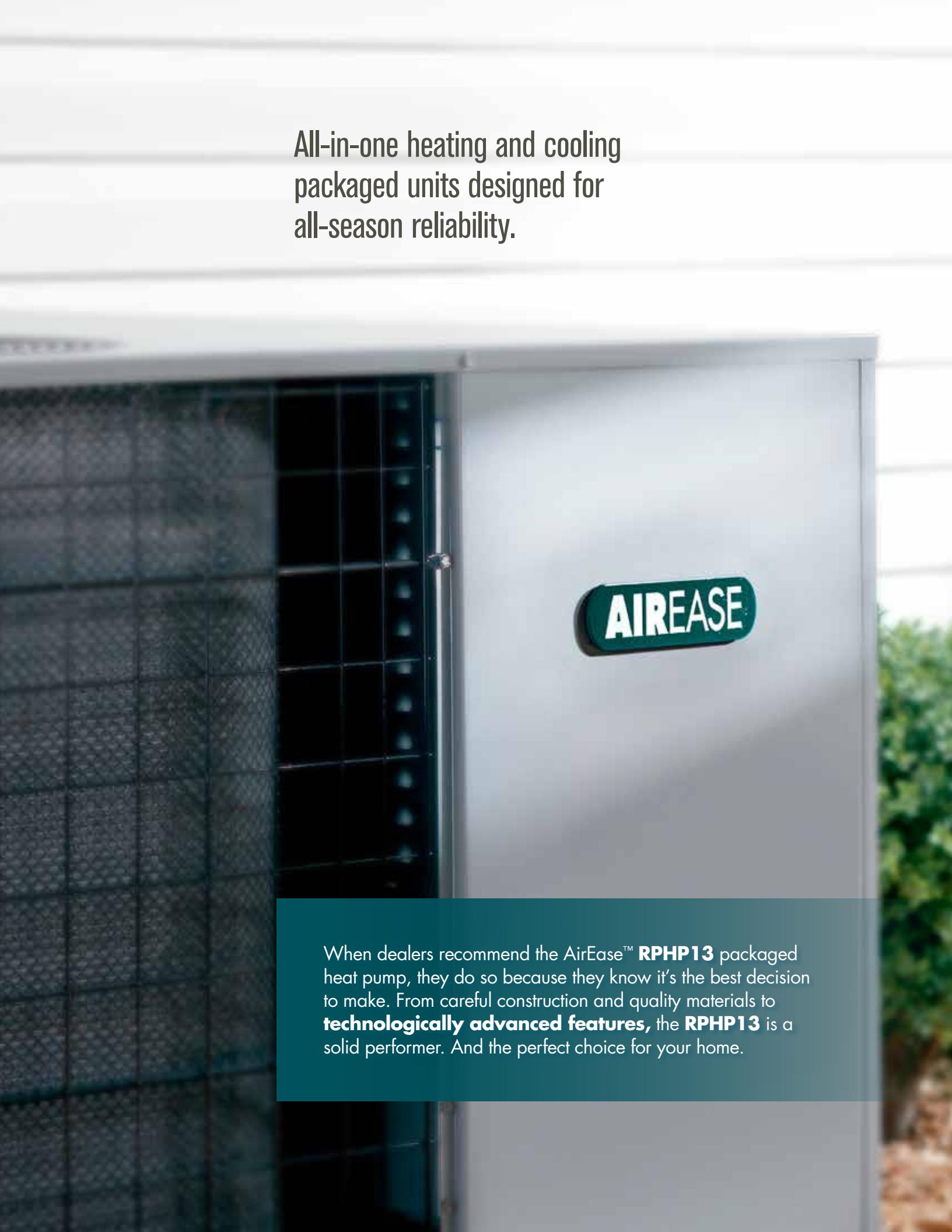
BUILT FOR LIFE. YOURS.

AIREASE

AIREASE®

Built for life. Yours.

All-in-one heating and cooling
packaged units designed for
all-season reliability.



AIREASE

When dealers recommend the AirEase™ **RPHP13** packaged heat pump, they do so because they know it's the best decision to make. From careful construction and quality materials to **technologically advanced features**, the **RPHP13** is a solid performer. And the perfect choice for your home.

Inside the design of an AirEase **RPHP13** packaged unit:



Constant Torque Motor:

Like variable speed motors, constant torque motors provide lower operating cost and increase overall system efficiency. Compared to standard PSC motors, constant torque delivers more consistent airflow and quieter operation.

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.

MHT™ Technology:

AirEase'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.

Internal Monitoring:

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

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 AirEase 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.

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.

The advanced features of the AirEase RPHP13 work together to bring you:

CRAFTSMANSHIP

From its integrated compressor protection and noise-reducing insulation to its proprietary Quiet Shift Technology, the **RPHP13** is a solid example of **AirEase's commitment to advanced features and thoughtful design.**

EFFICIENCY

The **RHP13** has been designed to meet or exceed all government standards for energy efficiency, meaning it **can help you save money on energy**, even when compared to systems only a few years old.

COMMITMENT

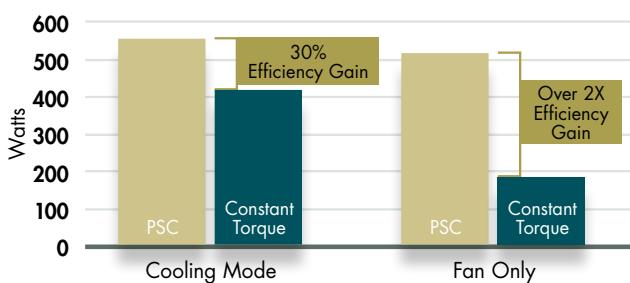
AirEase's dedication to a better product is backed by a 10-Year Limited Warranty on parts.*

AirEase™ packaged units offer an unbeatable combination of quality and technology, along with consistently less energy use.

PRECISE PERFORMANCE

During the winter, performance-robbing ice and frost can build up on the coil of a heat pump. Traditional heat pumps remove this condensation by entering a defrost mode, which is often quite loud. However, the RPHP13 with Quiet Shift™ Technology allows refrigerant lines to equalize in pressure before defrost mode is activated, greatly reducing the noise generated during the defrost cycle.

The constant torque motor provides a steady flow of air, helping eliminate hot or cold spots. Through quiet, continual rotation these motors deliver up to 30% greater efficiency.**



EFFICIENCY

In the summer, the RPHP13 provides a Seasonal Energy Efficiency Ratio (SEER) of 13.00. In the winter, it provides a Heating Seasonal Performance Factor (HSPF) of 7.70. Both of these values mean the RPHP13 will help you stay efficient season after season.

Every AirEase **RPHP13** packaged unit provides the features and performance that trusted HVAC experts recommend.

From leading-edge heating and cooling technology to high performance and efficiency, AirEase **RPHP13** packaged units are the all-in-one solution that sacrifices nothing. For consistent warmth and cooling in any weather, make the right choice. **Make the choice BUILT FOR LIFE. YOURS.**



AIREASE®

Built for life. Yours.

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

**When running at rated speed and capacity.

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

Printed in U.S.A.

©2013 Allied Air Enterprises LLC,
a Lennox International Inc. Company

Form No. JRPHP13-300 (02/13) PC72523



Not approved for use in mobile home applications.

