



The new degree of comfort.®

Air | Heat Pumps
RP17

A STEP UP IN COMFORT

The EcoNet® Enabled, Inverter-Driven Rheem® *Classic Plus*® Series Three-Stage Heat Pump offers the solid technology and energy-saving performance you've come to expect from Rheem. The quiet comfort is definitely a step up in comfort—for your entire family.

Classic Plus Series RP17
Cooling Efficiencies up to 18.5 SEER / 13 EER
Heating Efficiencies up to 8.5 HSPF



Three-Stage Technology is Smart Comfort



With three-stage technology, you can rely on your heat pump to quickly and consistently adapt to your heating and cooling needs no matter the conditions outside.

Exceptional Quality & Dependability

Our *Classic Plus* Series includes features that help fight corrosion, reduce leaks and enhance the overall strength of your heat pump. It's also backed by a 10-year parts and 10-year conditional unit replacement warranty².

Smart Controls & Alerts

Innovative EcoNet technology sends you important alerts and reminders to keep your system working at its best. Plus, it's easy to adjust your comfort settings from home or away³.



Savings: Three-Stage Efficiency

A typical three-speed unit is capable of adjusting its capacity to meet building loads under a wide range of outdoor temperatures. Because inverter-driven solutions operate more efficiently, they actually perform better AND save on energy costs.

*Most commonly replaced system. Energy savings shown are calculated per AHRI (Air Conditioning, Heating, and Refrigeration Institute) annual operating costs and represent directional numbers most applicable to typical cooling and heating requirements within the mid-latitudes of the U.S.

Annual Energy Cost Savings for Cooling
10.0-SEER Baseline*



Annual Energy Cost Savings for Heating
6.8-HSPF Baseline*



Inverter-Driven Comfort in Every Season

EcoNet® Enabled, Inverter-Driven Rheem® *Classic Plus* Series Variable Speed Heat Pumps deliver all the **smart comfort and energy-saving performance** you expect from Rheem. With inverter technology, the variable-speed compressor adapts to handle everything from the mildest spring and fall days, to harsh winters, to sweltering summers—precisely, dependably, and efficiently. This results in continual and efficient adjustments of your comfort needs, offering more precise all-day temperature, humidity, and indoor air quality control.

The compressor found in the *Classic Plus* Series Heat Pump provides **superior performance and dependability**. Variable speeds allow your unit to adapt to surrounding conditions with more precision and efficiency, avoiding temperature fluctuations that are sometimes associated with standard single-stage systems. And because your variable-speed system is efficiently adjusting to your heating and cooling needs, it's also able to deliver humidity and indoor air quality control that is not possible with standard on / off single-stage designs.

Energy-Saving Efficiency Meets High Performance

It's also easy to **save on energy costs** with the *Classic Plus* Series Heat Pump. The variable-speed operation **outperforms single-stage systems** and provides you with a new level of adaptability and precision. While that means more comfort for your home, it also means more energy savings. The RP17 Heat Pump also provides the extra heat needed on those cold winter days and nights, reducing the costly expense of auxiliary heating. In fact, the RP17 is capable of meeting a building's heating load down to approximately 7°F. The overdrive feature maintains your home's comfort when outside temperatures are as high as 107°F. To get the most performance from your unit, count on a variable speed heat pump from Rheem.





Engineered for Energy-Saving Performance

The three-stage operation on our *Classic Plus*® Series Heat Pump knows how to efficiently keep the temperature right where it needs to be. Since it has three stages to choose from, it can adjust to meet non-peak heating and cooling demands. So leave the thermostat alone and let your heat pump do the work—for superior, money-saving performance that's always in season.

Count on Staying Comfortable in Every Season

A smart, efficient design makes the Rheem *Classic Plus* Series Heat Pump one of your best options for staying comfortable inside. Each new unit includes a generous list of features that work together to bring you quiet, efficient, and dependable indoor comfort.

Dependable & legendary

1 **Scroll compressor** technology makes the *Classic Plus* Series as efficient as it is durable. The 2 **optimized fan orifice** also contributes to quieter operation, optimal airflow, and better overall performance. Simply put, you get efficient comfort that lasts a very long time. And built-in defrost capabilities mean less time defrosting and more time warming your home.

A quieter & more durable unit

Our smart new 3 **composite base pan** design helps eliminate corrosion and adds to quieter performance. Extensive UV testing was done to ensure the base pan stays looking new for years to come. Our enhanced mufflers and improved refrigerant tubing design also contribute to a quieter, more dependable operation. For added strength, 4 **curved louver panels** and 5 **rugged corner posts** on the exterior do an excellent job of protecting the inside.

Curb appeal

Our heat pumps look as good as they operate. Modern cabinet aesthetics allow your unit to put its best face forward, and a powder coat paint system provides a lasting, professional finish.

Fast & accurate installation & maintenance

Your savings start with the installation of your new unit. Our *Classic Plus* Series Heat Pumps are built to go in fast and easy. The control box is easy to access, and a roomy diagnostic service window mean maintenance calls go quickly, saving you time and money.



The Rheem *Classic Plus* Series RP17 Heat Pump is designed to operate with the EcoNet Smart Thermostat. This easy-to-use thermostat optimizes system performance and includes great features like:

- Simple scheduling and one-touch energy savings
- Remote access via the EcoNet App
- Important equipment alerts sent directly to your phone or email
- Convenient voice control – just ask “Alexa, make home cooler”TM



EcoNet Mobile App



EcoNet Smart Thermostat





Our Philosophy of Innovation

We meticulously evaluated every detail of this product from every angle, considering the work that goes into installing and servicing our products, as well as how we can deliver the very best homeowner experience. And then we take it a step further. That's 360°+1. And that's why you can count on your heat pump to bring you and your family years of comfort.



How to Speak Heating & Cooling

Single-Stage

One level of operation, with no differentiation between peak or non-peak heating and cooling demands.

Three-Stage

More than one level of operation—low, medium and high—which saves energy during non-peak heating and cooling demands.

Efficiency

Description for how effectively incoming energy is converted to outgoing energy. The higher the number, the more efficient the unit—and the lower the operating costs.

HSPF

Heating Seasonal Performance Factor is used to express the efficiency of heat pumps. The higher the HSPF, the more efficient the unit.

SEER

Seasonal Energy Efficiency Rating is used to express the efficiency of an air conditioning unit, or a heat pump in cooling mode. The higher the SEER rating, the more efficient the unit.

EER

Energy Efficiency Ratio is the cooling capacity of the air conditioner in BTUs per hour to the total electrical input in watts. This measure is determined by comparing test units to the Air Conditioning and Refrigeration Institute specifications.

Compressor

The compressor plays an integral role in cooling your home. It is the device responsible for pumping refrigerant through the refrigerant lines and the coil, making the transfer of heat from inside your house to the outdoors possible.

Ready to upgrade or replace your old system?

Visit Rheem.com today to learn more.

Benefits At-A-Glance

Cooling Efficiency:

Up to 18.5 SEER / 13 EER

Heating Efficiency:

Up to 8.5 HSPF

Sound Level:

Features like our smart new composite base pan contribute to quieter operation

Compressor:

Inverter-driven, three-stage scroll compressor

Limited Warranty²:

Parts—10-year
Conditional unit replacement—
10-year



Rheem Heating, Cooling
& Water Heating

As the only brand bringing innovative air and water solutions to homes and businesses around the world, Rheem® continues to deliver advanced comfort, savings and experiences to our customers—just as we've done for nearly 100 years.

To learn more about our products, including our line of Integrated Home Comfort Solutions, visit us at Rheem.com



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In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.

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YOUR LOCAL RHEEM CONTRACTOR

¹Proper 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 EnergyStar.gov. ²For complete details of the limited and conditional warranties, including applicable terms and conditions, contact your local contractor or go to Rheem.com for a copy of the product warranty certificate. Conditional warranties must be registered through RegisterMyUnit.com. ³WiFi internet connection required. Download the EcoNet® App from the App Store® or Google Play® to set up your EcoNet Smart Thermostat. Receipt of notifications depend on home WiFi setup. ⁴Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

