

YEAR-ROUND EFFICIENCY & COMFORT



Air

Heat Pump
RP19AY



PRESTIGE series



ENDEAVOR[®]

Rheem[®] Endeavor[®] Line *Prestige*[®] Series

The EcoNet[®] enabled Rheem Endeavor Line *Prestige* Series RP19AY Heat Pump is ENERGY STAR[®] certified, offering one of the highest efficiencies available today. Season after season, it keeps your utility bills low and your home consistently comfortable.

Rheem.com/Endeavor



HEATING  COOLING  WATER HEATING



Unmatched Efficiency

Innovation You Can Count On

Patented industry-first features and 360+1 design make the Rheem Endeavor RP19AY a smart choice.



Peace-Of-Mind Performance

Relax, you're covered by one of the best warranties in the industry¹—10 Year Parts + 10 Year Conditional Unit Replacement.



Energy Savings

Just like a vehicle's MPG rating, the higher the SEER2, EER2 and HSPF2 rating (Seasonal Energy Efficiency Ratio / Energy Efficiency Ratio / Heating Seasonal Performance Factor), the higher the efficiency of your heat pump—resulting in more energy savings. Keep in mind, other factors such as system matching, sizing, ductwork and installation also impact the overall efficiency. By working with a properly trained contractor, you can be confident that you are choosing the best heating and cooling system for your home's comfort—and your budget.



Maximum Comfort

Inverter driven, variable speed compressor technology features cooling operation between 40% and 100% of capacity (with overdrive capability up to 115% in extreme conditions) to continuously meet your ever-changing heating and cooling needs. You'll enjoy exact temperature and advanced humidity control that combine to exceed your optimal comfort expectations.



Reduced Emissions

Households generate 72%² of greenhouse gas emissions, so switching to a heat pump can make a big difference for the environment—today.



Durable Curb Appeal

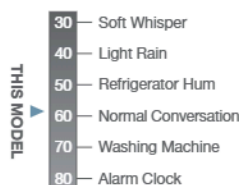
Curved louvered panels and rugged corner posts provide excellent support and protection to internal components, while the overall modern cabinet aesthetics, including the corrosion-resistant composite base pan and powder coat paint system, allow your unit to put its best face forward for years to come.



Quiet Operation

Efficient home comfort shouldn't be noisy. That's why our heat pumps are designed with acoustics in mind. Sound-dampening features such as refrigerant tubing design, fan blade approach, composite base pan and innovative compressor and drive technologies ensure that as efficiency goes up, sound levels stay low.

SOUND RATING³



To learn more visit
Rheem.com/Endeavor



We Thought
of Everything...
& Then Some

We evaluate every detail of a product from top to bottom, inside and out and every angle in between. That's 360+1. And that's why you can count on this heat pump to bring you and your family years of efficient and dependable comfort.



TESTED.
TRUSTED.
TOUGH.

From the smallest part to complete comfort systems, we build quality into everything we make to be sure it's tough enough to deliver the ultimate performance you count on day after day, year after year. That reliability is what makes Rheem different—and better.

and Performance



Helping You Live
Both **Comfortably**
and **Sustainably**

Many Rheem products have sustainability features, but the RP19AY has earned our Sustainability Standout® seal, indicating it's among the best of the best. We created the seal to help you more easily find the products that save energy, save money and save the planet.



Among Heat Pumps,
This One's a Star⁴

Earning **ENERGY STAR®** recognition means products meet strict energy efficiency guidelines set by the U.S. Environmental Protection Agency. ENERGY STAR certified heating and cooling equipment can enhance the comfort of your home while saving energy—which saves money on utility bills and protects our climate by reducing harmful carbon pollution and other greenhouse gases.



The Rheem Endeavor RP19AY operates with the easy-to-use EcoNet Smart Thermostat, which optimizes system performance and provides a new level of protection and precision comfort with features like:



EcoNet Mobile App



EcoNet Smart Thermostat



- Communication with latest sensor technology
- Control of your thermostat from anywhere via the EcoNet App⁵
- Alerts sent directly to your phone or email

ENDEAVOR®



Simplified Install & Service with Bluetooth Technology

Built-in Bluetooth® connectivity makes it faster and easier for your contractor to install and service your new system. This can help lower your costs and help make your home comfortable again—fast.



Designing for Sustainability with Low GWP

For 2025, the Environmental Protection Agency (EPA) has set a global warming potential (GWP) limit of 700 for refrigerant used in heating and cooling systems. This new requirement will result in a 78%⁶ lower GWP than previous-generation refrigerants—with only minimal changes to system installation. For us, this is another step toward our continued sustainability goal of reducing greenhouse gas emissions, while still delivering an exceptional level of energy efficient, dependable comfort.



Rheem.com

Nearly 100 Years of Innovation

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.

FEATURES AT A GLANCE

Cooling & Heating Efficiencies Up To:
20 SEER2 / 12 EER2 / 8.5 HSPF2

Refrigerant Type: R-454B

Nominal Sizes: 2 to 5 Tons

Cooling & Heating Capacities:
22.8 to 55 kBTU

EcoNet® Enabled: Yes

Sound Rating³: As low as 58 dB

Compressor Type: Inverter Driven,
Variable Speed

Condenser Coil Type: 3/8 in.

PlusOnes:



PlusOne® Diagnostics –
Bluetooth technology aids
in quick & easy service



PlusOne Expanded Valve Space –
Provides a minimum working area
of 27-square in.



PlusOne Triple Service Access –
15 in. wide industry leading corner
service access, two-fastener
removable corner and easily
removable individual lower panels



**PlusOne Refrigerant
Detection System™⁷** –
Integrated, patented design
providing system protection and
homeowner peace-of-mind with
low GWP refrigerant monitoring

Limited Warranty¹:

Parts – 10 Years

Conditional Unit Replacement – 10 Years
(registration required)



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

¹For 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. ²Residential Building Electrification in CA: Consumer economics, greenhouse gases and grid impacts, April 2019. ³Based on Internal R&D Testing, 2024. Sound levels are also dependent on proper installation and location of outdoor product. ⁴Proper 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. Ask your contractor for details or visit EnergyStar.gov. ⁵Wi-Fi broadband 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 Wi-Fi setup; Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. ⁶When comparing the GWP of R-454B to R-410A refrigerant. ⁷Factory or field installed in the furnace coil or air handler and is applicable to the complete heating and cooling system featuring Low GWP Refrigerant (A2L).

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