

SAVE SPACE.
MAXIMIZE
COMFORT.



Residential Packaged
Heat Pump
RHPBYB



ENDEAVOR[®]

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

The Rheem Endeavor Line *Classic* Series RHPBYB Residential Packaged Heat Pump delivers space-saving heating and cooling. Its heat pump technology provides energy-efficient comfort that saves you money paired with reliability that delivers peace of mind.

Rheem.com/Endeavor



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 residential packaged heat pump to bring you and your family years of efficient and dependable comfort.

Innovation You Can Count On

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



Peace-Of-Mind Performance

Relax, you're covered by one of the best warranties in the industry¹ – 10 Year Conditional Parts in residential applications.



Small Spaces Approved

If outdoor space constraints are part of the equation, let this dedicated horizontal packaged heat pump be your solution. With a compact footprint and optional flush-to-the-wall installation, it's perfect for times with zero lot line requirements, sloped roof placement, manufactured homes and small spaces.



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

The steel cabinet with a louvered coil guard provides excellent internal protection, while the overall modern cabinet aesthetics, including the powder coat paint system, allow your unit to put its best face forward for years to come.



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%³ 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.

FEATURES AT A GLANCE

Cooling & Heating Efficiencies:

13.4 SEER2 / 10.6 EER2 / 6.7 HSPF2

Refrigerant Type: R-454B

Nominal Sizes: 2 to 5 Tons

Cooling Capacities: 22.8 to 57 kBTU

Heating Capacities: 22.5 to 56.4 kBTU

EcoNet[®] Enabled: No

Sound Rating⁴: As low as 76 dB

Compressor Type: Single-Stage

Evaporator Coil Type: Tube-fin

Condenser Coil Type: Tube-fin

Airflow Type: Dedicated Horizontal

Blower Motor Type: Constant Torque

Fan Motor Type: PSC

Heater Kit: Factory- or Field-installed Option

1-Phase Option: Yes (all tonnages)

3-Phase Option: Yes (all tonnages)

Compatible Thermostat: Single-Stage 24V

PlusOnes:



PlusOne Refrigerant Detection System[™] –

Integrated, patented design providing system protection and homeowner peace-of-mind with low GWP refrigerant monitoring

Limited Warranty¹:

Conditional Parts (Residential Applications) – 10 Years (registration required)

Compressor (Residential Applications) – 10 Years

Parts (Commercial Applications) – 1 Year

Compressor (Commercial Applications) – 5 Years



TESTED. TRUSTED. TOUGH.

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



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.



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



To learn more visit
Rheem.com/Endeavor

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. ³When comparing the GWP of R-454B to R-410A refrigerant. ⁴Based on Internal R&D Testing, 2024. Sound levels are also dependent on proper installation and location of outdoor product. ⁵Factory-installed.



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