Air | Top-Discharge Universal Heat Pump
RP17AY

Comfort & efficiency made

universal.

ENDEAVOR®

Rheem® Endeavor® Line *Classic Plus*® Series

Compatible in a new system or as a replacement in any existing R-454B system[1], the EcoNet® enabled Rheem Endeavor Line *Classic Plus* Series RP17AY Top-Discharge Universal Heat Pump excels in all install situations. Plus, super-efficient technology keeps your energy bills low, and your comfort high.

Rheem.com/Endeavor

ENERGY STAR

Rheem®

engineered for life™

heating cooling water heating

Efficient comfort,

ENDEAVOR®

Innovation you can count on

Patented industry-first features and 360+1 design make the Rheem Endeavor RP17AY a smart choice.

Peace-of-mind performance

Relax, you're covered by one of the best warranties in the industry[2]—10 Years Conditional Parts when installed as a heat pump only or as part of a system.

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 finances.

Precise comfort

Inverter driven, variable speed, twin rotary compressor technology features fully variable cooling and heating operation between 35% and 100% of capacity[3] 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%[4] of greenhouse gas emissions, so switching to a heat pump can make a big difference for the environment—today.

Less environmental impact

The 7mm condenser coil reduces refrigerant requirements up to 15%. This lowers the amount of greenhouse gases emitted while contributing to Rheem's sustainability goals. A win for all of us.

Universal install compatibility

The RP17AY works with nearly any R-454B heating & cooling system option—including Rheem systems that are powered by EcoNet® technology and systems that work with EcoNet technology, or as a universal replacement with minimal alterations required.[1] Whether your choice is driven by electrification initiatives or dual fuel opportunities—this is the comfort solution for you.

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—as low as 55 dBA.

Sound rating[5]

30	Soft Whisper
40	Light Rain
50	Refrigerator Hum
60	Normal Conversation
70	Washing Machine
80	Alarm Clock

This Model

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.

To learn more visit
Rheem.com/Endeavor

season after season

Among heat pumps, **this one's a star**[6]

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.

Powered by EcoNet® Technology

With the EcoNet® app[7] and EcoNet Smart Thermostat, you can remotely control your smart products, monitor your energy usage, and get real-time alerts and notifications for added peace-of-mind.

EcoNet Mobile App

EcoNet Smart Thermostat

Download on the App Store

GET IT ON Google Play

WORKS WITH alexa

Keep your home running smoothly

Get peace-of-mind – Receive proactive alerts, real-time notifications and service reminders to protect your home

Control and monitor – Remotely manage temperature and choose operation modes for increased performance and efficiency

Increase savings & value

Energy management – Set personalized schedules to match your daily routine and usage needs

Smart home integration – Connect with other smart home systems for a more advanced living environment

ENDEAVOR®

Features at a glance

Cooling efficiencies up to:
17 SEER2 / 11.7 EER2

Heating efficiencies up to: 9.5 HSPF2

Nominal sizes: 2 to 5 Tons

Cooling & heating capacities:
22.2 to 57 kBTU

Powered by EcoNet technology: Yes
(when paired with the EcoNet® Smart Thermostat and installed as part of a complete AHRI matched Rheem EcoNet-enabled system)

Sound rating[5]: As low as 55 dBA

Compressor type: Inverter driven, variable speed twin rotary

Condenser coil type: 7mm

PlusOnes:

PlusOne® Variable Speed Twin Rotary Compressor & Inverter Drive – Variable speed operation with EcoNet® Smart Thermostat

PlusOne Diagnostics – Bluetooth technology aids in quick & easy service

PlusOne Refrigerant Detection System™[8] – Integrated, patented design providing system protection and homeowner peace-of-mind with low GWP refrigerant monitoring

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

Limited warranty[2]:

Conditional Parts – 10 Years
(registration required)

Simplified install & service with Bluetooth technology

Built-in Bluetooth® connectivity (when installed as part of a Rheem complete system) 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.

To learn more visit
Rheem.com/Endeavor

Rheem.com

Innovating since 1925

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 over a century.

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

[1]R-454B coil only – with TXV, with minimum alterations. [2]For 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; warranty applies to a heat pump only or system installation; Does not require the heat pump to be part of a properly matched system as specified by the Manufacturer and the Air Conditioning, Heating & Refrigeration Institute (AHRI). [3]When installed with the EcoNet Smart Thermostat or with legacy and other thermostats when the utility 1 and 2 jumpers are installed. Features two-stage (70% and 100% capacity) operation when installed with legacy and other thermostats when the utility 1 and 2 jumpers are not installed. [4]Residential Building Electrification in CA: Consumer economics, greenhouse gases and grid impacts, April 2019. [5]Based on Internal R&D Testing, 2026. Sound levels are also dependent on proper installation and location of outdoor product. [6]Proper sizing and installation of equipment is critical to achieve optimal performance. Ask your contractor for details or visit EnergyStar.gov. [7]Wi-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. [8]When installed with a Rheem indoor unit; Factory- 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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