

# ENDEAVOR™



H E A T P U M P A N D A I R C O N D I T I O N E R G U I D E



[Rheem.com/Endeavor](http://Rheem.com/Endeavor)

## High Performance and Sustainability Have Never Felt So Good

Keep consistently comfortable year-round with the Rheem® Endeavor™ Line of Heat Pumps and Air Conditioners. The Rheem Endeavor Line offers an excellent range of choices designed for lasting energy-efficient comfort that saves you money while delivering peace of mind.



# Relax with Consistently Hot... or Cold Temperatures



## PEACE-OF-MIND PERFORMANCE

Relax, you're covered by one of the best warranties in the industry<sup>1</sup>—up to 10 Year Limited Parts + 10 Year Conditional Unit Replacement<sup>2</sup>.



## QUIET OPERATION

Efficient home comfort shouldn't be noisy. That's why our air conditioners and heat pumps are designed with acoustics in mind. Integrated sound-dampening features such as refrigerant tubing design, fan blade approach, composite base pan and innovative compressor and drive technologies let you enjoy more efficiency—and less noise<sup>3</sup>.



## REDUCED EMISSIONS

Households generate 72%<sup>4</sup> of greenhouse gas emissions, so switching to a heat pump can make a big difference for the environment—today.



## HIGH COMFORT

Inverter-driven, variable speed compressor<sup>5</sup> (between 40% and 100% of capacity), variable speed twin rotary compressor<sup>6</sup> (between 40% and 70% of capacity, ramping up to 100% when required), two-stage<sup>7</sup> (high, low) or single-stage<sup>8</sup> technology work to continuously meet your ever-changing cooling needs. You'll enjoy steady temperature and advanced humidity control that combine to exceed your optimal comfort expectations.



**EcoNet**<sup>®</sup>



Several of the Rheem Endeavor Line Heat Pumps and Air Conditioners operate 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:**

- Communication with latest sensor technology
- Control of your thermostat from anywhere via the EcoNet App<sup>9</sup>
- Alerts sent directly to your phone or email



## Helping You Live Both Comfortably and Sustainably

Several of the Rheem Endeavor Line Heat Pumps and Air Conditioners have earned our Sustainability Standout Seal, indicating they're 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 and Air Conditioners, These Are Stars

Earning ENERGY STAR<sup>®</sup> recognition means products meet strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and several of the Rheem Endeavor Heat Pumps and Air Conditioners are ENERGY STAR<sup>®</sup> certified, offering annual energy cost savings<sup>10</sup>.



## Simplified Install & Service with Bluetooth Technology

Built-in Bluetooth<sup>®</sup> connectivity<sup>11</sup> on many of the Heat Pump and Air Conditioner models make 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.



## 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.



## 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 these heat pumps and air conditioners to bring you and your family years of efficient and dependable comfort.

# Rheem® Endeavor™ Line Heat Pump Series\*

\*ENERGY STAR® certified  
RP15AZ will launch in 2023



Welcome year-round comfort into your home with the Rheem® Endeavor™ Line of Heat Pumps. Each model is designed to provide super-efficient and consistent heating and cooling technology to keep your utility bills dependably low, season after season.

	<b>Prestige®</b>	<b>Classic Plus®</b>	<b>Classic®</b>	<b>Select™</b>
	<b>RP18AZ</b>	<b>RP16AZ</b>	<b>RP14AZ</b>	<b>WP14AZ</b>
<b>Cooling &amp; Heating Efficiency<sup>12</sup></b>	19 SEER2 / 12.5 EER2 / 8.5 HSPF2	17 SEER2 / 10.4 EER2 / 8.1 HSPF2	14.3 SEER2 / 9 EER2 / 7.5 HSPF2	14.3 SEER2 / 9 EER2 / 7.5 HSPF2
<b>Nominal Sizes</b>	2 to 5 tons	2 to 5 tons	1.5 to 5 tons	1.5 to 5 tons
<b>Cabinet Type Designator</b>	iM	iM	iM	iC
<b>Cooling &amp; Heating Capacities</b>	22.8 to 54 kBTU	22.8 to 56 kBTU	17.1 to 55.5 kBTU	17.1 to 55.5 kBTU
<b>EcoNet® Enabled</b>	Yes	Yes	No	No
<b>Sound Rating<sup>3</sup> (as low as)</b>	58 dB	60 dB	72 dB	72 dB
<b>Compressor Type</b>	Inverter Driven, Variable Speed	Inverter Driven, Variable Speed Twin Rotary	Two-Stage	Two-Stage
<b>Condenser Coil Type</b>	3/8 in.	7mm <sup>13</sup>	7mm <sup>13</sup>	7mm <sup>13</sup>
<b>ENERGY STAR® Certified<sup>10</sup></b>	Yes	No	No	No
<b>Bluetooth Connectivity<sup>11</sup></b>	Yes	Yes	No	No
<b>PlusOne® Features &amp; More (PlusOnes indicated in bold)</b>	<b>Expanded Valve Space and Triple Service Access</b> Rheem Contractor and EcoNet Apps®, built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	<b>Expanded Valve Space and Triple Service Access</b> Rheem Contractor and EcoNet Apps®, built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	<b>Expanded Valve Space and Triple Service Access</b>	n/a
<b>Compatible Thermostat</b>	EcoNet Smart Thermostat — Two-Stage 24V (Emergency Only)	EcoNet Smart Thermostat — Two-Stage 24V (Three-Speed Operation Only)	Two-Stage 24V	Two-Stage 24V
<b>Sustainability Standout</b>	Yes	Yes	No	No
<b>Limited Warranty<sup>1</sup></b>	Parts – 10 years — Unit Replacement – 10 years (registration required)	Parts – 10 years — Unit Replacement – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Parts – 5 years

# Rheem® Endeavor™ Line Air Conditioner Series



Keep cool, even when the utility bill arrives, with the Rheem® Endeavor™ Line of Air Conditioners. Each model is designed to provide super high efficiency, keeping your home dependably comfortable.

	<b>Prestige®</b>	<b>Classic Plus®</b>		<b>Classic®</b>		<b>Select™</b>		
	<b>RA18AZ</b>	<b>RA16AZ</b>	<b>RA15AZ</b>	<b>RA14AZ</b>	<b>RA13NZ</b>	<b>WA15AZ</b>	<b>WA14AZ</b>	<b>WA13NZ</b>
<b>Cooling Efficiency<sup>12</sup></b>	19 SEER2 / 12 EER2	17 SEER2 / 10.5 EER2	15.2 SEER2 / 9.8 EER2	15.2 SEER2 / 12 EER2	15.2 SEER2 / 12 EER2	15.2 SEER2 / 9.8 EER2	15.2 SEER2 / 12 EER2	15.2 SEER2 / 12 EER2
<b>Nominal Sizes</b>	2 to 5 tons	2 to 5 tons	2 to 5 tons	1.5 to 5 tons	1.5 to 5 tons	2 to 5 tons	1.5 to 5 tons	1.5 to 5 tons
<b>Cabinet Type Designator</b>	iM	iM	iM	iM	iM	iC	iC	iC
<b>Cooling Capacities</b>	22.8 to 54 kBTU	22.8 to 56 kBTU	22.8 to 56 kBTU	17.1 to 55.5 kBTU	17.1 to 55.5 kBTU	22.8 to 56 kBTU	17.1 to 55.5 kBTU	17.1 to 55.5 kBTU
<b>EcoNet® Enabled</b>	Yes	Yes	Yes	No	No	No	No	No
<b>Sound Rating<sup>3</sup> (as low as)</b>	54 dB	72 dB	72 dB	69 dB	68 dB	60 dB	69 dB	68 dB
<b>Compressor Type</b>	Inverter Driven, Variable Speed	Inverter Driven, Variable Speed Twin Rotary	Inverter Driven, Variable Speed Twin Rotary	Single-Stage	Single-Stage	Inverter Driven, Variable Speed Twin Rotary	Single-Stage	Single-Stage
<b>Condenser Coil Type</b>	3/8 in.	7mm <sup>13</sup>	7mm <sup>13</sup>	7mm <sup>13</sup>	7mm <sup>13</sup>	7mm <sup>13</sup>	7mm <sup>13</sup>	7mm <sup>13</sup>
<b>ENERGY STAR® Certified<sup>10</sup></b>	Yes	No	No	Yes	Yes	No	Yes	Yes
<b>Bluetooth Connectivity<sup>11</sup></b>	Yes	Yes	Yes	No	No	Yes	No	No
<b>PlusOne® Features &amp; More (PlusOnes indicated in bold)</b>	<b>Expanded Valve Space and Triple Service Access</b> Rheem Contractor and EcoNet Apps®, built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	<b>Expanded Valve Space and Triple Service Access</b> Rheem Contractor and EcoNet Apps®, built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	<b>Expanded Valve Space and Triple Service Access</b> Rheem Contractor and EcoNet Apps®, built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	<b>Expanded Valve Space and Triple Service Access</b>	<b>Expanded Valve Space and Triple Service Access</b>	n/a	n/a	n/a
<b>Compatible Thermostat</b>	EcoNet Smart Thermostat — Two-Stage 24V (Emergency Only)	EcoNet Smart Thermostat — Two-Stage 24V (Three-speed Operation Only)	EcoNet Smart Thermostat — Two-Stage 24V (Three-speed Operation Only)	Single-Stage 24V	Single-Stage 24V	Two-Stage 24V	Single-Stage 24V	Single-Stage 24V
<b>Sustainability Standout</b>	Yes	Yes	Yes	No	No	No	No	No
<b>Limited Warranty<sup>1</sup></b>	Parts – 10 years — Unit Replacement – 10 years (registration required)	Parts – 10 years — Unit Replacement – 10 years (registration required)	Parts – 10 years	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Parts – 5 years	Parts – 5 years	Parts – 5 years





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.*

<sup>1</sup>Registration is required for the conditional parts and unit replacement warranty (if applicable). 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. <sup>2</sup>Refer to the chart for specific warranty terms by product. <sup>3</sup>Based on Internal R&D Testing, May 2022. Sound levels are also dependent on proper installation and location of outdoor product. <sup>4</sup>Residential Building Electrification in CA: Consumer economics, greenhouse gases and grid impacts, April 2019. <sup>5</sup>Applies to RP18AZ and RA18AZ models. <sup>6</sup>Applies to the RP16AZ, RA16AZ, RA15AZ and WA15AZ models. <sup>7</sup>Applies to the RP14AZ model and WP14AZ. <sup>8</sup>Applies to RP14AZ, RA14AZ, RA13NZ, WP14AZ, WA14AZ and WA13NZ models. <sup>9</sup>WiFi 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 WiFi set up. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. <sup>10</sup>Proper 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. <sup>11</sup>Applies to RP18AZ, RP16AZ, RA18AZ, RA16AZ, RA15AZ and WA15AZ models. <sup>12</sup>SEER (Seasonal Energy Efficiency Rating) / EER (Energy Efficiency Ratio) / HSPF (Heating Seasonal Performance Factor): The higher the SEER / EER / HSPF rating, the more efficient the unit. <sup>13</sup>5-ton models feature a 3/8 in. condenser coil.



System option with heat pumps only