

# ENDEAVOR®



[Ruud.com/Endeavor](https://ruud.com/Endeavor)

## Performance and Sustainability You Can Rely On

Get reliable comfort for both your heating and cooling needs with the Ruud® Endeavor® Line of Heat Pumps and Air Conditioners. The Ruud Endeavor Line offers an excellent range of choices designed for lasting energy-efficient performance that saves you money while delivering peace of mind.



# Keep Reliably Warm... or Cool



## PEACE-OF-MIND PERFORMANCE

Relax, you're covered by one of the best warranties in the industry<sup>1</sup>—10 Year 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 engineered 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.



## PRECISE COMFORT

Inverter-driven, variable speed compressor<sup>5</sup> (between 40% and 100% of capacity), variable speed twin rotary compressor<sup>6</sup> (between 45% 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.



## 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.



## 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 Ruud Endeavor Heat Pumps and Air Conditioners are ENERGY STAR<sup>®</sup> certified, offering annual energy cost savings<sup>10</sup>.



## 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 Ruud different—and better.



Several of the Ruud 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



## 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.

## Ruud<sup>®</sup> Endeavor<sup>®</sup> Line Heat Pump Series



Welcome reliable comfort into your home with the Ruud<sup>®</sup> Endeavor<sup>®</sup> Line of Heat Pumps. The line offers a range of models designed to provide efficient and consistent heating and cooling to keep your utility bills low, season after season.

	Ultra™	Achiever Plus <sup>®</sup>		Achiever <sup>®</sup>	Choice™			
	UP18AZ	UP16AZ	RD16AZ (Cold Climate Models <sup>15</sup> )	RP15AZ	RP14AZ	WP15AZ	WSP14AZ	WP14AZ
<b>Cooling &amp; Heating Efficiency<sup>12</sup> Up To:</b>	20 SEER2 / 12.5 EER2 / 8.5 HSPF2	17 SEER2 / 10.4 EER2 / 8.1 HSPF2	18.8 SEER2 / 11.7 EER2 / 10.4 HSPF2	16 SEER2 / 11.7 EER2 / 8.1 HSPF2	14.3 SEER2 / 10.4 EER2 / 7.6 HSPF2	16 SEER2 / 11.7 EER2 / 8.1 HSPF2	14.3 SEER2 / 9 EER2 / 7.5 HSPF2	14.3 SEER2 / 10.4 EER2 / 7.6 HSPF2
<b>Nominal Sizes</b>	2 to 5 tons	2 to 5 tons	2.5, 3 and 4 ton	1.5 to 5 tons	1.5 to 5 tons	1.5 to 5 tons	1.5 to 2.5 tons	1.5 to 5 tons
<b>Cabinet Type Designator</b>	iM	iM	Side-Discharge	iM	iM	iC	iC (Legacy Cabinet)	iC
<b>Cooling &amp; Heating Capacities</b>	22.8 to 54 kBTU	22.8 to 56 kBTU	28.6 to 51 kBTU	17.1 to 28.5 kBTU	17.1 to 55.5 kBTU	17.1 to 28.5 kBTU	17.1 to 28.5 kBTU	17.1 to 55.5 kBTU
<b>EcoNet<sup>®</sup> Enabled</b>	Yes	Yes	No	No	No	No	No	No
<b>Sound Rating<sup>3</sup> (as low as)</b>	58 dB	60 dB	25 dB	72 dB	72 dB	72 dB	73 dB	72 dB
<b>Compressor Type</b>	Inverter Driven, Variable Speed	Inverter Driven, Variable Speed Twin Rotary	Inverter-Driven, Variable Speed	Two-Stage	Two-Stage	Two-Stage	Two-Stage	Two-Stage
<b>Condenser Coil Type</b>	3/8 in.	7mm <sup>13</sup>	7mm	7mm <sup>13</sup>	7mm <sup>13</sup>	7mm <sup>13</sup>	7mm	7mm <sup>13</sup>
<b>ENERGY STAR<sup>®</sup> Certified<sup>10</sup></b>	Yes	No	Yes	Yes	No	Yes	No	No
<b>Bluetooth Connectivity<sup>11</sup></b>	Yes	Yes	No	No	No	No	No	No
<b>IRA of 2023 – Eligible for Federal Tax Credit<sup>14</sup></b>	Yes	Yes	Yes	Yes	No	Yes	No	No
<b>IRA of 2023 – Eligible for Electric Home Rebate Program<sup>14</sup></b>	Yes	Yes	Yes	Yes	No	Yes	No	No
<b>PlusOne<sup>®</sup> Features &amp; More (PlusOnes indicated in bold)</b>	<b>Expanded Valve Space and Triple Service Access</b> — Ruud Contractor and EcoNet Apps <sup>7</sup> , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	<b>Expanded Valve Space<sup>16</sup> and Triple Service Access</b> — Ruud Contractor and EcoNet Apps <sup>7</sup> , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	<b>Sound &amp; Space Constraint Solution</b> — Rated with the RHMVZ (side-discharge air handler)	<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)	Two-Stage 24V	Two-Stage 24V	Two-Stage 24V	Two-Stage 24V	Two-Stage 24V	Two-Stage 24V
<b>Sustainability Standout</b>	Yes	Yes	No	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

## Ruud<sup>®</sup> Endeavor<sup>®</sup> Line Air Conditioner Series



Keep cool, even when the utility bill arrives, with the Ruud<sup>®</sup> Endeavor<sup>®</sup> Line of Air Conditioners. The line offers a range of models designed to provide high-efficiency performance, keeping your home reliably comfortable.

	Ultra™	Achiever Plus <sup>®</sup>		Achiever <sup>®</sup>		Choice™			
	UA18AZ	UA16AZ	RA15AZ	RA14AZ	RA13NZ	WA15AZ	WA14AZ	WSA14AZ	WA13NZ
<b>Cooling Efficiency<sup>12</sup> Up To:</b>	20 SEER2 / 13 EER2	17 SEER2 / 10.5 EER2	15.2 SEER2 / 9.8 EER2	16 SEER2 / 13 EER2	15.2 SEER2 / 12 EER2	15.2 SEER2 / 9.8 EER2	16 SEER2 / 13 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 2.5 tons	1.5 to 5 tons
<b>Cabinet Type Designator</b>	iM	iM	iM	iM	iM	iC	iC	iC (Legacy Cabinet)	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 27.5 kBTU	17.1 to 55.5 kBTU
<b>EcoNet<sup>®</sup> Enabled</b>	Yes	Yes	Yes	No	No	No	No	No	No
<b>Sound Rating<sup>3</sup> (as low as)</b>	54 dB	61 dB	61 dB	69 dB	68 dB	61 dB	69 dB	74 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	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	7mm <sup>13</sup>
<b>ENERGY STAR<sup>®</sup> Certified<sup>10</sup></b>	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes
<b>Bluetooth Connectivity<sup>11</sup></b>	Yes	Yes	Yes	No	No	Yes	No	No	No
<b>IRA of 2023 – Eligible for Federal Tax Credit<sup>14</sup></b>	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes
<b>PlusOne<sup>®</sup> Features &amp; More (PlusOnes indicated in bold)</b>	<b>Expanded Valve Space and Triple Service Access</b> — Ruud Contractor and EcoNet Apps <sup>7</sup> , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	<b>Expanded Valve Space<sup>16</sup> and Triple Service Access</b> — Ruud Contractor and EcoNet Apps <sup>7</sup> , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	<b>Expanded Valve Space<sup>16</sup> and Triple Service Access</b> — Ruud Contractor and EcoNet Apps <sup>7</sup> , built-in EcoNet and Bluetooth technology allow 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	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	Single-Stage 24V
<b>Sustainability Standout</b>	Yes	Yes	Yes	No	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)	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Conditional Parts – 10 years (registration required)	Parts – 5 years	Parts – 5 years	Parts – 5 years	Parts – 5 years



## A Smart Way to Live Both Comfortably and Sustainably

Several of the Ruud 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.



## Nearly 100 Years of Innovation



Ruud.com

As the only brand bringing innovative air and water solutions to homes and businesses around the world, Ruud 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, Ruud 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 Ruud.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 UP18AZ and UA18AZ models. <sup>6</sup>Applies to the UP16AZ, UA16AZ, RA15AZ and WA15AZ models. <sup>7</sup>Applies to the RP15AZ, RP14AZ, WP15AZ and WP14AZ models. <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 UP18AZ, UP16AZ, UA18AZ, UA16AZ, 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. <sup>14</sup>Dependent on system combination and overall efficiency. Visit Ruud.com/Federal-Incentives for complete details. <sup>15</sup>Standard models will be available late 2023 / early 2024. Pre-2023 RP17\*H standard models will be available until inventory is depleted. <sup>16</sup>Expanded valve space does not apply to 2- and 3-ton models.



System option with heat pumps only

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