

ENDEAVOR®



[Ruud.com/Endeavor](https://www.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 industry¹—10 Year Parts + 10 Year Conditional Unit Replacement².



REDUCED EMISSIONS

Households generate 72%³ of greenhouse gas emissions, so switching to a heat pump can make a big difference for the environment—today.



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 noise⁴.



PRECISE COMFORT

Inverter-driven, variable speed compressor⁵ (between 40% and 100% of capacity), variable speed twin rotary compressor (between 45% and 70% of capacity, ramping up to 100% when required⁶ or between 45% and 100%¹⁷), two-stage⁷ (high, low) or single-stage⁸ technology work to continuously meet your ever-changing heating and 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 Bluetooth⁹ connectivity⁹ 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[®] 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[®] certified, offering annual energy cost savings¹⁰.



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 App¹¹
- 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[®] Endeavor[®] Line Heat Pump Series



Welcome reliable comfort into your home with the Ruud[®] Endeavor[®] 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 [®]			Achiever [®]	Choice [™]			
	UP18AZ	RD17AZ (Universal Model)	UP16AZ	RD16AZ (Cold Climate Models ¹⁵)	RP15AZ	RP14AZ	WP15AZ	WP14AZ	WSP14AZ
Cooling & Heating Efficiency¹² Up To:	20 SEER2 / 12.5 EER2 / 8.5 HSPF2	19 SEER2 / 12 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	15 SEER2 / 11.7 EER2 / 8.1 HSPF2	16 SEER2 / 11.7 EER2 / 8.1 HSPF2	15 SEER2 / 11.7 EER2 / 8.1 HSPF2	14.3 SEER2 / 9 EER2 / 7.5 HSPF2
Nominal Sizes	2 to 5 tons	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 5 tons	1.5 to 2.5 tons
Cabinet Type Designator	iM	Side-Discharge	iM	Side-Discharge	iM	iM	iC	iC	iC (Legacy Cabinet)
Cooling & Heating Capacities	22.8 to 54 kBTU	22.8 to 53 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 55.5 kBTU	17.1 to 28.5 kBTU
EcoNet[®] Enabled	Yes	Yes ¹⁸	Yes	No	No	No	No	No	No
Sound Rating⁴ (as low as)	58 dB	58 dB	60 dB	25 dB	72 dB	72 dB	72 dB	72 dB	73 dB
Compressor Type	Inverter Driven, Variable Speed	Inverter Driven, Variable Speed Twin Rotary ¹⁷	Inverter Driven, Variable Speed Twin Rotary	Inverter-Driven, Variable Speed	Two-Stage	Two-Stage	Two-Stage	Two-Stage	Two-Stage
Condenser Coil Type	3/8 in.	7mm	7mm ¹³	7mm	7mm ¹³	7mm ¹³	7mm ¹³	7mm ¹³	7mm
ENERGY STAR[®] Certified¹⁰	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No
Bluetooth Connectivity⁹	Yes	Yes ¹⁹	Yes	No	No	No	No	No	No
IRA of 2023 – Eligible for Federal Tax Credit¹⁴	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
IRA of 2023 – Eligible for Electric Home Rebate Program¹⁴	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
PlusOne[®] Features & More (PlusOnes indicated in bold)	Expanded Valve Space and Triple Service Access Ruud Contractor and EcoNet Apps ¹¹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics ENERGY STAR [®] Cold Climate Certified ²¹	Universal Install Compatibility – Install with nearly any HVAC system or as a universal replacement ²⁰ – Sound & Space Constraint Solution – Ruud Contractor and EcoNet Apps ¹¹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics ENERGY STAR [®] Cold Climate Certified ²¹	Expanded Valve Space¹⁶ and Triple Service Access Ruud Contractor and EcoNet Apps ¹¹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Sound & Space Constraint Solution – Rated only with the RHMVZ (side-discharge air handler)	Expanded Valve Space and Triple Service Access	Expanded Valve Space and Triple Service Access	n/a	n/a	n/a
Compatible Thermostat	EcoNet Smart Thermostat Two-Stage 24V (Emergency Only)	EcoNet Smart Thermostat (Ruud) Two-Stage 24V (Other Brands)	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
Sustainability Standout	Yes	Yes ^{18, 22}	Yes	No	No	No	No	No	No
Limited Warranty¹	Parts – 10 years – Unit Replacement – 10 years (registration required)	Conditional Parts – 10 years (registration required, applies to a heat pump only or any system installation—no AHRI requirement)	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[®] Endeavor[®] Line Air Conditioner Series



Keep cool, even when the utility bill arrives, with the Ruud[®] Endeavor[®] 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 [®]		Achiever [®]		Choice [™]			
	UA18AZ	UA16AZ	RA15AZ	RA14AZ	RA13NZ	WA15AZ	WA14AZ	WA13NZ	WSA14AZ
Cooling Efficiency¹² Up To:	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
Nominal Sizes	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	1.5 to 2.5 tons
Cabinet Type Designator	iM	iM	iM	iM	iM	iC	iC	iC	iC (Legacy Cabinet)
Cooling Capacities	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	17.1 to 27.5 kBTU
EcoNet[®] Enabled	Yes	Yes	Yes	No	No	No	No	No	No
Sound Rating⁴ (as low as)	54 dB	61 dB	61 dB	69 dB	68 dB	61 dB	69 dB	68 dB	74 dB
Compressor Type	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
Condenser Coil Type	3/8 in.	7mm ¹³	7mm ¹³	7mm ¹³	7mm ¹³	7mm ¹³	7mm ¹³	7mm ¹³	7mm
ENERGY STAR[®] Certified¹⁰	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes
Bluetooth Connectivity⁹	Yes	Yes	Yes	No	No	Yes	No	No	No
IRA of 2023 – Eligible for Federal Tax Credit¹⁴	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes
PlusOne[®] Features & More (PlusOnes indicated in bold)	Expanded Valve Space and Triple Service Access Ruud Contractor and EcoNet Apps ¹¹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Expanded Valve Space¹⁶ and Triple Service Access Ruud Contractor and EcoNet Apps ¹¹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Expanded Valve Space¹⁶ and Triple Service Access Ruud Contractor and EcoNet Apps ¹¹ , built-in EcoNet and Bluetooth technology allow for easy install and diagnostics	Expanded Valve Space and Triple Service Access	Expanded Valve Space and Triple Service Access	n/a	n/a	n/a	n/a
Compatible Thermostat	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
Sustainability Standout	Yes	Yes	Yes	No	No	No	No	No	No
Limited Warranty¹	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.



Federal Incentives Available (conditions apply)

As part of the Inflation Reduction Act of 2022, homeowners can now take advantage of enhanced tax incentives and a new state-administered consumer rebate program. Certain Ruud Heat Pumps and Air Conditioners are eligible for Energy Efficiency Home Improvement Tax Credits (25C)¹⁴ and certain Ruud Heat Pumps are eligible for the High Efficiency Electric Home Rebate Program.¹⁴

Visit [Ruud.com/Federal-Incentives](https://www.ruud.com/federal-incentives) to view qualifying equipment and for complete details and conditions.

Nearly 100 Years of Innovation



[Ruud.com](https://www.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.

¹Registration 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](https://www.ruud.com) for a copy of the product warranty certificate. ²Refer to the chart for specific warranty terms by product. ³Residential Building Electrification in CA: Consumer economics, greenhouse gases and grid impacts, April 2019. ⁴Based on Internal R&D Testing, May 2023. Sound levels are also dependent on proper installation and location of outdoor product. ⁵Applies to UP18AZ, UA18AZ and RD17AZ (only available with a Ruud-matched system) models. ⁶Applies to the UP16AZ, UA16AZ, RA15AZ and WA15AZ models. ⁷Applies to the RP15AZ, RP14AZ, WP15AZ and WP14AZ models. ⁸Applies to RP14AZ, RA14AZ, RA13NZ, WP14AZ, WA14AZ and WA13NZ models. ⁹Applies to UP18AZ, RD17AZ, UP16AZ, UA18AZ, UA16AZ, RA15AZ and WA15AZ models. ¹⁰Proper 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](https://www.energystar.gov). ¹¹WiFi 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 setup. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. ¹²SEER (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. ¹³5-ton models feature a 3/8 in. condenser coil. ¹⁴Dependent on system combination and overall efficiency; High Efficiency Electric Home Rebates are dependent on state participation and available funding; Visit [Ruud.com/Federal-Incentives](https://www.ruud.com/federal-incentives) for complete details. ¹⁵Pre-2023 RP17*H standard models are available. ¹⁶Expanded valve space does not apply to 2- and 3-ton models. ¹⁷Applies to the RD17AZ; When installed with the EcoNet Smart Thermostat or with legacy and other thermostats when the utility 1 and 2 jumpers are installed; The 2-ton model features a single rotary compressor; Features cooling and heating operation between 45% to 100% of capacity. ¹⁸When installed as part of a complete AHRI-matched, Ruud EcoNet-enabled system. ¹⁹When installed as part of a complete Ruud system where both the outdoor and indoor components feature Bluetooth technology. ²⁰With minimal alterations, coil only – with TXV. ²¹70% heating capacity at 5°F on all tonnages when part of a qualifying AHRI-matched Ruud EcoNet enabled system. ²²Does not apply to coil-only matched systems.

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System option with heat pumps only

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