

ENDEAVORTM

A I R H A N D L E R G U I D E



Ruud.com/Endeavor

Efficient Comfort, all year long

Rest easy on summer days, winter nights and everything in between with the Ruud® Endeavor™ Line of Air Handlers. Offering high efficiency and quiet operation, Ruud Endeavor Air Handlers make it simple to relax in affordable, reliable comfort—season after season.



Enduring Quality



PEACE-OF-MIND PERFORMANCE

Relax, you're covered by some of the best warranties in the industry¹—up to 10 Year Limited Parts².



QUIET OPERATION

Sound levels range from quietest to quiet with insulated cabinets and truly variable speed airflow technology³—giving you one of the quieter air handler lines available⁴.



OPTIMAL COMFORT

Modulating⁵ (between 40% and 100% of capacity), three-stage⁶ (high, medium, low) or two-stage (high, low) heating operation⁷, along with variable speed motor technology³, ensures a steady stream of just-right heated airflow to maintain your comfort level preference while providing superior humidity control.



EcoNet[®]



The Ruud Endeavor Line RHMVZ****C, RH3VZ and RH2VZ operate with the easy-to-use EcoNet Smart Thermostat, which optimizes system performance and provides a new level of protection and exact comfort **with features like:**

- Communication with latest sensor technology
- Control of your thermostat from anywhere via the EcoNet App⁸
- Alerts sent directly to your phone or email



Simplified Install & Service with Bluetooth Technology

Built-in Bluetooth[®] connectivity⁹ 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.



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.



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 Ruud Endeavor Air Handlers to bring you and your family years of efficient and dependable indoor comfort.



Ruud® Endeavor™ Line
Air Handlers



	RHVMZ****C	RHVMZ****N	RH3VZ	RH2VZ	RH2TZ
Motor	Constant CFM	Constant CFM	Constant CFM	Constant CFM	Constant Torque
Airflow Stages	Modulating	Modulating	Three-Stage	Two-Stage	Two-Stage
Expansion Device	Electronic Expansion Valve (EEV)	Electronic Expansion Valve (EEV)	Thermal Expansion Valve (TXV)	Thermal Expansion Valve (TXV)	Thermal Expansion Valve (TXV)
Efficiencies	18+ SEER2	18+ SEER2	15 – 17 SEER2	13.4 – 14.3 SEER2	13.4 – 14.3 SEER2
Sound Ranking⁴	Quietest	Quietest	Quietest	Quieter	Quiet
EcoNet Enabled	Yes	No	Yes	Yes	No
Bluetooth Connectivity⁹	Yes	No	Yes	Yes	No
Feature Highlights	Ruud Contractor and EcoNet Apps ⁸ , built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	Sound & Space Constraint Solution — Rated with the RD16AZ (side-discharge)	Ruud Contractor and EcoNet Apps ⁸ , built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	Ruud Contractor and EcoNet Apps ⁸ , built-in EcoNet and Bluetooth technology allows for easy install and diagnostics	
Configuration	4-Way Convertible	4-Way Convertible	4-Way Convertible	4-Way Convertible	4-Way Convertible
Height	42.5 – 57 in. (varying sizes)	42.5 – 57 in. (varying sizes)	42.5 – 57 in. (varying sizes)	42.5 – 57 in. (varying sizes)	42.5 – 57 in. (varying sizes)
Compatible Thermostat	EcoNet Smart Thermostat — Two-Stage 24V (Emergency Only)	RXRNRUZ5, RXRHRV	EcoNet Smart Thermostat — Two-Stage 24V (3-Stage Operation Only)	EcoNet Smart Thermostat — Two-Stage 24V	Two-Stage 24V — Single-Stage 24V
Limited Warranty¹	Parts – 10 Years	Parts – 10 Years	Conditional Parts – 10 Years (registration required)	Conditional Parts – 10 Years (registration required)	Conditional Parts – 10 Years (registration required)

Continued

	RH1PZ	RF2TZ	RF1PZ	RB2TZ
Motor	PSC	Constant Torque	PSC	Constant Torque
Airflow Stages	Single-Stage	Two-Stage	Single-Stage	Two-Stage
Expansion Device	Thermal Expansion Valve (TXV)	Thermal Expansion Valve (TXV)	Thermal Expansion Valve (TXV)	Thermal Expansion Valve (TXV)
Efficiencies	13.4 – 14.3 SEER2	13.4 – 14.3 SEER2	13.4 – 14.3 SEER2	13.4 – 14.3 SEER2
Sound Ranking⁴	Quiet	Quiet	Quiet	Quiet
EcoNet Enabled	No	No	No	No
Bluetooth Connectivity⁹	No	No	No	No
Feature Highlights				
Configuration	4-Way Convertible	Front / Bottom	Front / Bottom	4-Way Convertible
Height	42.5 – 57 in. (varying sizes)	36 in. (all sizes)	36 in. (all sizes)	35 in. (all sizes)
Compatible Thermostat	Two-Stage 24V — Single-Stage 24V	Two-Stage 24V — Single-Stage 24V	Two-Stage 24V — Single-Stage 24V	Two-Stage 24V — Single-Stage 24V
Limited Warranty¹	Conditional Parts – 10 Years (registration required)	Conditional Parts – 10 Years (registration required)	Conditional Parts – 10 Years (registration required)	Conditional Parts – 10 Years (registration required)





Ruud.com

Nearly 100 Years of Innovation

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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5600 Old Greenwood Road
Fort Smith, Arkansas 72908



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125 Edgeware Road, Unit 1
Brampton, Ontario L6Y 0P5

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 for a copy of the product warranty certificate. ²Refer to the chart for specific warranty terms by product. ³Applies to RHMV****C, RH3VZ and RH2VZ models. ⁴Based on manufacturer's furnace offering, and the product's heating stages, motor type and cabinet insulation. Sound levels are also dependent on furnace location and installation. ⁵Applies to the RHMV****C and RHMV****N models. ⁶Applies to RH3VZ model. ⁷Applies to RH2VZ, RH2TZ, RF2TZ and RB2T models. ⁸WiFi 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. ⁹Applies to RHMV****C and RH2VZ models.

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