

VANTIX™



RussellByRheem.com/Vantix

Simple, **dependable comfort**

Keep effortlessly comfortable all year long with the Russell® by Rheem Vantix™ Line of Air Handlers. Offering high efficiency and quiet operation, Russell by Rheem Vantix Air Handlers ensure dependable comfort and savings for every season.



Performance & Quality You Can Count On

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

Three-stage⁵ (high, medium, low) or two-stage (high, low) heating operation⁶, 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.



The SH3VZ and SH2VZ Russell® by Rheem Vantix™ Line Air Handlers 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 App⁷
- Alerts sent directly to your phone or email

Simplified Install & Service with Bluetooth Technology

Built-in Bluetooth® connectivity⁸ 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.



Russell® by Rheem Vantix™ Line Air Handlers



	SH3VZ	SH2VZ	SH2CZ
Motor	Constant CFM	Constant CFM	Constant Torque
Airflow Stages	Three-Stage	Two-Stage	Two-Stage
Expansion Device	Thermal Expansion Valve (TXV)	Thermal Expansion Valve (TXV)	Thermal Expansion Valve (TXV)
Efficiencies	15 – 17 SEER2	13.4 – 14.3 SEER2	13.4 – 14.3 SEER2
EcoNet® Enabled⁷	Yes	Yes	No
Sound Ranking⁴	Quietest	Quieter	Quiet
Bluetooth® Connectivity⁸	Yes	Yes	No
Feature Highlights	Russell by Rheem Contractor App and built-in Bluetooth technology allow for easy install and diagnostics	Russell by Rheem Contractor App and built-in Bluetooth technology allow for easy install and diagnostics	
Configuration	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)
Compatible Thermostat	Two-Stage 24V (3-Stage Operation Only)	Two-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)

Continued

	SH1PZ	RF2TZ	RF1PZ	SB2CZ
Motor	PSC	Constant Torque	PSC	Constant Torque
Airflow Stages	Single-Stage	Two-Stage	Single-Stage	Two-Stage
Expansion Device	Thermal Expansion Valve (TXV)			
Efficiencies	13.4 – 14.3 SEER2			
EcoNet® Enabled⁷	No	No	No	No
Sound Ranking⁴	Quiet	Quiet	Quiet	Quiet
Bluetooth® Connectivity⁸	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)			



A History of Innovation



We are proudly backed by nearly 100 years in the HVAC industry. We continue to give homeowners and business owners the innovative products that meet their needs and budget to keep people comfortable day after day—just as we’ve done for nearly a century.



Russell by Rheem USA
5600 Old Greenwood Road
Fort Smith, Arkansas 72908

Rheem Sales Company, Inc. manufactures the Russell by Rheem brand of residential heating & cooling products. In keeping with its policy of continuous progress and product improvement, Rheem 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 RussellByRheem.com for a copy of the product warranty certificate. ²Refer to the chart for specific warranty terms by product. ³Applies to SH3VZ and SH2VZ models. ⁴Based on manufacturer's product offering, and the product's heating stages, motor type and cabinet insulation. Sound levels are also dependent on unit location and installation. ⁵Applies to SH3VZ model. ⁶Applies to SH2VZ, SH2CZ, RF2TZ and SB2CZ models. ⁷WiFi 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. ⁸Applies to SH3VZ and SH2VZ models.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Rheem® is under license. Other trademarks and trade names are those of their respective owners.



© 2023 Rheem Manufacturing Company. Russell by Rheem trademarks owned by Rheem Manufacturing Company.

Printed in the USA | 07/23 | QG | Form No. MRR-4056 Rev. 1