

# UNCOMPLICATED COMFORT

 Air | Heat Pump  
SP16AZ



## VANTIX™

### Russell® by Rheem Vantix™ Line

Get comfort you can count on, season after season, with the EcoNet® enabled Russell by Rheem Vantix Line SP16AZ Heat Pump. It's a versatile solution that features super-efficient technology to keep energy bills low and home comfort high.

[RussellByRheem.com/Vantix](https://RussellByRheem.com/Vantix)



# Simply Smarter

## Innovation You Can Count On

Patented industry-first features and advanced design make the Russell by Rheem Vantix SP16AZ a smart choice.



### 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.



### Energy Savings

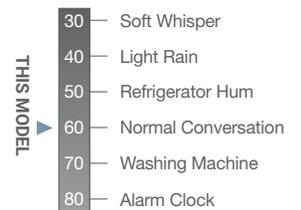
Just like a vehicle's MPG rating, the higher the SEER2, EER2 and HSPF2 rating (Seasonal Energy Efficiency Ratio / Energy Efficiency Ratio / Heating Seasonal Performance Factor), the higher the efficiency of your heat pump—resulting in more energy savings. Keep in mind, other factors such as system matching, sizing, ductwork and installation also impact the overall efficiency. By working with a properly trained contractor, you can be confident that you are choosing the best heating and cooling system for your home's comfort—and your finances.



### Quiet Operation

Efficient home comfort shouldn't be noisy. That's why our heat pumps are designed with acoustics in mind. Sound-dampening features such as refrigerant tubing design, fan blade approach, composite base pan and innovative compressor and drive technologies ensure that as efficiency goes up, sound levels stay low.

#### SOUND RATING<sup>2</sup>



### Complete Comfort

Inverter driven, variable speed, twin rotary compressor technology features cooling operation between 40% and 70% of capacity (ramping up to 100% when required) to continuously meet your ever-changing heating and cooling needs. You'll enjoy exact temperature and advanced humidity control that combine to exceed your optimal comfort expectations.



### Lower Environmental Impact

The 7mm condenser coil<sup>3</sup> reduces refrigerant requirements up to 15%. This lowers the amount of greenhouse gases emitted while contributing to our sustainability goal of a 50% reduction in our greenhouse gas footprint by 2025. A win for all of us.



### High-Strength Curb Appeal

The wire grille provides excellent protection to internal components, while modern cabinet aesthetics including the corrosion-resistant composite base pan and powder coat paint system allow your unit to put its best face forward for years to come.



### 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.



To learn more visit  
[RussellByRheem.com/Vantix](https://RussellByRheem.com/Vantix)

# Innovations



## Making It Easy to Live Both **Comfortably** and **Sustainably**

Many Russell by Rheem products have sustainability features, but the SP16AZ has earned our Sustainability Standout Seal, indicating it's 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.

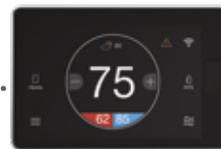


The Russell by Rheem Vantix SP16AZ operates with the easy-to-use EcoNet Smart Thermostat, which optimizes system performance and provides a new level of protection and precision comfort **with features like:**

- Communication with latest sensor technology
- Control of your thermostat from anywhere via the EcoNet App<sup>5</sup>
- Alerts sent directly to your phone or email



EcoNet Mobile App



EcoNet Smart Thermostat



# VANTIX™



## Simplified Install & Service with Bluetooth® Technology

Built-in Bluetooth<sup>6</sup> connectivity 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.

## FEATURES AT A GLANCE

**Cooling & Heating Efficiencies Up To:**  
17 SEER2 / 10.4 EER2 / 8.1 HSPF2

**Nominal Sizes:** 2 to 5 Tons

**Cooling & Heating Capacities:**  
22.8 to 56 kBtu

**EcoNet® Enabled:** Yes

**Sound Rating<sup>2</sup>:** As low as 60 dB

**Compressor Type:** Inverter Driven, Variable Speed Twin Rotary

**Condenser Coil Type<sup>3</sup>:** 7mm

## FEATURE HIGHLIGHTS

**Variable Speed Twin Rotary Compressor & Inverter Drive:** Variable speed operation with EcoNet® Smart Thermostat

**Diagnostics:** Bluetooth technology aids in quick & easy service

**Expanded Valve Space:** Provides a minimum working area of 27-square in.

**Easy Service Access:** 15 in. wide industry leading corner service access, two-fastener removable corner and easily removable wire grille

**Limited Warranty<sup>1</sup>:**

**Parts – 10 Years**

**Conditional Unit Replacement – 10 Years (registration required)**



[RussellByRheem.com](http://RussellByRheem.com)

## 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**  
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*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.*

<sup>1</sup>For complete details of the limited and conditional warranties, including applicable terms and conditions, contact your local Contractor or go to [RussellByRheem.com](http://RussellByRheem.com) for a copy of the product warranty certificate. <sup>2</sup>Based on Internal R&D Testing, May 2022. Sound levels are also dependent on proper installation and location of outdoor product. <sup>3</sup>5-ton models feature a 3/8 in. condenser coil. <sup>4</sup>Residential Building Electrification in CA: Consumer economics, greenhouse gases and grid impacts, April 2019. <sup>5</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>6</sup>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.



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