

# HIGH EFFICIENCIES MEET HIGH COMFORT



Heat Pump  
SP19AY



## VANTIX®

### Russell® by Rheem Vantix® Line

Come home to genuine comfort with the Russell by Rheem Vantix Line SP19AY Heat Pump. It's EcoNet® enabled and ENERGY STAR® certified, giving you total control while offering one of the highest efficiencies available today.

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



**Russell**<sup>®</sup>  
By Rheem

# Industry-first Innovations

## Innovation You Can Count On

Patented industry-first features and advanced design make the Russell by Rheem Vantix SP19AY 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 budget.



### 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>

|    |                     |
|----|---------------------|
| 30 | Soft Whisper        |
| 40 | Light Rain          |
| 50 | Refrigerator Hum    |
| 60 | Normal Conversation |
| 70 | Washing Machine     |
| 80 | Alarm Clock         |

THIS MODEL



### Maximum Comfort

Inverter driven, variable speed compressor technology features cooling operation between 40% and 100% of capacity (with overdrive capability up to 115% in extreme conditions) 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.



### 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>3</sup> of greenhouse gas emissions, so switching to a heat pump can make a big difference for the environment—today.



### Among Heat Pumps, This One's A Star<sup>4</sup>

Earning ENERGY STAR<sup>®</sup> recognition means products meet strict energy efficiency guidelines set by the U.S. Environmental Protection Agency. ENERGY STAR certified heating and cooling equipment can enhance the comfort of your home while saving energy—which saves money on utility bills and protects our climate by reducing harmful carbon pollution and other greenhouse gases.



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

# and Hassle-free **Performance**



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

Many Russell by Rheem products have sustainability features, but the SP19AY 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 SP19AY 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® 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.



## Designing for Sustainability with Low GWP

For 2025, the Environmental Protection Agency (EPA) has set a global warming potential (GWP) limit of 700 for refrigerant used in heating and cooling systems. This new requirement will result in a 78%<sup>6</sup> lower GWP than previous-generation refrigerants—with only minimal changes to system installation. For us, this is another step toward our continued sustainability goal of reducing greenhouse gas emissions, while still delivering an exceptional level of energy efficient, dependable comfort.

## A History of Innovation



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

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.

## FEATURES AT A GLANCE

**Cooling & Heating Efficiencies Up To:**  
20 SEER2 / 12 EER2 / 8.5 HSPF2

**Refrigerant Type:** R-454B

**Nominal Sizes:** 2 to 5 Tons

**Cooling & Heating Capacities:**  
22.8 to 55 kBtu

**EcoNet® Enabled:** Yes

**Sound Rating<sup>2</sup>:** As low as 58 dB

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

**Condenser Coil Type:** 3/8 in.

## FEATURE HIGHLIGHTS

**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

**Refrigerant Detection System™<sup>7</sup>:** Integrated, patented design providing system protection and homeowner peace-of-mind with low GWP refrigerant monitoring

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

**Parts – 10 Years**

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



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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, 2024. Sound levels are also dependent on proper installation and location of outdoor product. <sup>3</sup>Residential Building Electrification in CA: Consumer economics, greenhouse gases and grid impacts, April 2019. <sup>4</sup>Proper sizing and installation of equipment is critical to achieve optimal performance. Ask your contractor for details or visit [EnergyStar.gov](http://EnergyStar.gov). <sup>5</sup>Wi-Fi 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 Wi-Fi setup. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. <sup>6</sup>When comparing the GWP of R-454B to R-410A refrigerant. <sup>7</sup>Factory or field installed in the furnace coil or air handler and is applicable to the complete heating and cooling system featuring Low GWP Refrigerant (A2L).

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