

# SPACE-SAVING, ENERGY-SAVING COMFORT

Residential Packaged  
Heat Pump  
RHPXYC



## VANTIX®

### Russell® by Rheem Vantix® Line

The Russell by Rheem Vantix Line RHPXYC Residential Packaged Heat Pump is ENERGY STAR® certified and delivers space-saving heating and cooling. You'll enjoy dependable performance that saves you money paired with the peace of mind that comes from our heritage of quality.

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



**Russell®**  
By Rheem

# VANTIX®



## Peace-Of-Mind Performance

Relax, you're covered by one of the best warranties in the industry<sup>1</sup>—10 Year Conditional Parts in residential applications.

## Reduced Emissions

Households generate 72%<sup>2</sup> of greenhouse gas emissions, so switching to a heat pump can make a big difference for the environment—today.

## High Comfort

Two-stage operation (67% and 100%) works to meet your ever-changing heating and cooling needs.

## Lasting Curb Appeal

The steel cabinet with a louvered coil guard provides excellent internal protection while the overall modern cabinet aesthetics, including the powder coat paint system, allow your unit to put its best face forward for years to come. The sloped drain pan ensures all water is removed from the unit, eliminating any bacterial growth and enhancing indoor air quality.

## 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>3</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.

## FEATURES AT A GLANCE

### Cooling & Heating Efficiencies Up To:

15.2 SEER2 / 11.5 EER2 / 7.2 HSPF2

**Refrigerant Type:** R-454B

**Nominal Sizes:** 2 to 5 Tons

**Cooling Capacities:** 22.8 to 57 kBTU

**Heating Capacities:** 32 to 55.5 kBTU

**Sound Rating<sup>4</sup>:** As low as 78 dB

**ENERGY STAR® Certified<sup>5</sup>:** Yes

**Compressor Type:** Two-Stage Scroll

**Evaporator Coil Type:** MicroChannel

**Condenser Coil Type:** MicroChannel

**Airflow Type:** Convertible

**Blower Motor Type:** Constant Torque

**Fan Motor Type:** PSC & ECM (5-ton)

**Heater Kit:** Factory- or Field-installed Option

**1-Phase Option:** Yes (all tonnages)

**3-Phase Option:** Yes (all tonnages)

**Compatible Thermostat:** Two-Stage 24V

## FEATURE HIGHLIGHTS

**Refrigerant Detection System<sup>™6</sup>** – Integrated, patented design providing system protection and homeowner peace-of-mind with low GWP refrigerant monitoring.

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

Conditional Parts (Residential Applications) – 10 Years (registration required)

Compressor (Residential Applications) – 10 Years

Parts (Commercial Applications) – 1 Year

Compressor (Commercial Applications) – 5 Years



## A History of Innovation

We are proudly backed by over 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 over 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.*



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

<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 for a copy of the product warranty certificate. <sup>2</sup>Residential Building Electrification in CA: Consumer economics, greenhouse gases and grid impacts, April 2019. <sup>3</sup>When comparing the GWP of R-454B to R-410A refrigerant. <sup>4</sup>Based on Internal R&D Testing, 2024. Sound levels are also dependent on proper installation and location of outdoor product. <sup>5</sup>Proper sizing and installation of equipment is critical to achieve optimal performance. Ask your Contractor for details or visit [www.energystar.gov](https://www.energystar.gov). <sup>6</sup>Factory-installed.



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