

COOL COMFORT IS JUST THE BEGINNING

Air Conditioner
SA16AY



VANTIX®

Russell® by Rheem Vantix® Line

Keep your home dependably cool and comfortable with the ENERGY STAR® certified Russell by Rheem Vantix Line SA16AY Air Conditioner. It's designed for lasting energy-efficient performance that saves you money and delivers peace of mind.

RussellByRheem.com/Vantix



Russell[®]
By Rheem

Packed with



VANTIX

Innovation You Can Count On

Patented industry-first features and advanced design make the Russell by Rheem Vantix SA16AY a smart choice.



Peace-Of-Mind Performance

Relax, you're covered by one of the best warranties in the industry¹—10 Year Conditional Parts.



Energy Savings

Just like a vehicle's MPG rating, the higher the SEER2 and EER2 rating (Seasonal Energy Efficiency Ratio / Energy Efficiency Ratio), the higher the efficiency of your air conditioner—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 cooling system for your home's comfort—and your finances.



Lower Environmental Impact

The 7mm condenser coil 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. A win for all of us.



High-Strength Curb Appeal

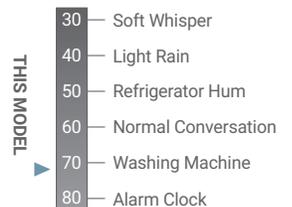
The wire grille provides excellent protection to internal components, while modern cabinet aesthetics, including the corrosion-resistant composite base pan and powder coat paint system, allow your unit to put its best face forward for years to come.



Quiet Operation

Efficient home comfort shouldn't be noisy. That's why our air conditioners 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 RATING²



To learn more visit
RussellByRheem.com/Vantix

Hardworking **Innovations**



Among Air Conditioners, **This One's A Star**³

Earning ENERGY STAR[®] 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.



VANTIX[®]



FEATURES AT A GLANCE

Cooling Efficiencies Up To:
17 SEER2 / 12 EER2

Refrigerant Type: R-454B

Nominal Sizes: 2 to 5 Tons

Cooling Capacities:
22.8 to 56 kBTU

Sound Rating²: As low as 72 dBA

Compressor Type: Two-Stage

Condenser Coil Type: 7mm

FEATURE HIGHLIGHTS

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

Refrigerant Detection System^{TM5} –
Integrated, patented design providing system protection and homeowner peace-of-mind with low GWP refrigerant monitoring

Limited Warranty¹:

Conditional Parts –
10 Years (registration required)



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%⁴ 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

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.



RussellByRheem.com



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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.

¹For 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. ²Based on Internal R&D Testing, 2024. Sound levels are also dependent on proper installation and location of outdoor product. ³Proper sizing and installation of equipment is critical to achieve optimal performance. Ask your contractor for details or visit EnergyStar.gov. ⁴When comparing the GWP of R-454B to R-410A refrigerant. ⁵Factory- or field-installed in the furnace coil or air handler and is applicable to the complete heating and cooling system featuring Low GWP Refrigerant (AZL).

