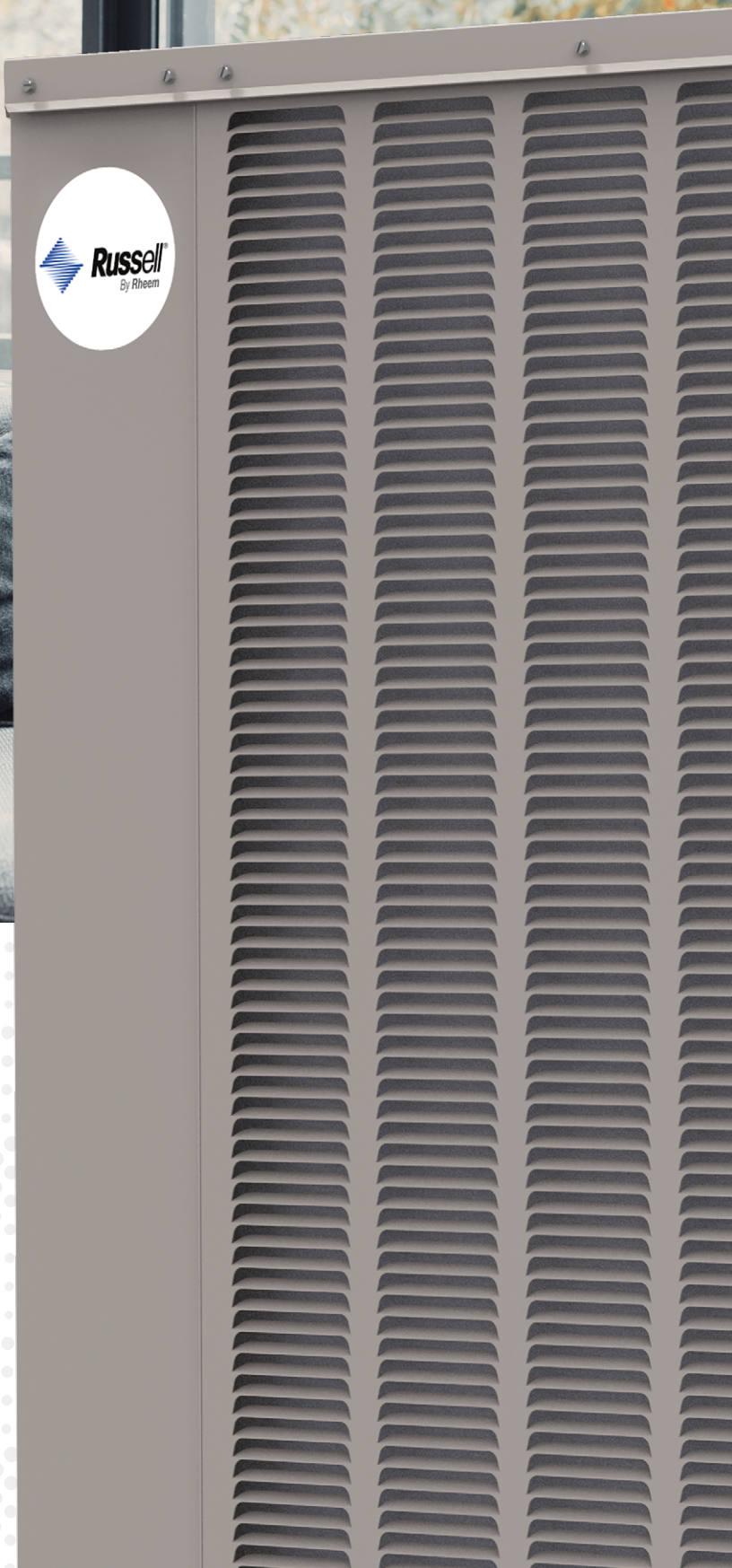


COMPACT HEATING & COOLING

Residential Packaged
Dual Fuel
RDFXYC



VANTIX®

Russell® by Rheem Vantix® Line

The ENERGY STAR® certified Russell by Rheem Vantix Line RDFXYC Residential Packaged Dual Fuel Unit delivers both the benefits of a heat pump and a gas furnace in one convenient outdoor unit, while providing the option to heat with electricity or gas for ongoing energy savings.

RussellByRheem.com/Vantix



Heating & Cooling

Innovation You Can Count On

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



Peace-Of-Mind Performance

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



Reduced Emissions

Residential packaged dual fuel units feature a MicroChannel refrigerant system with an all-aluminum evaporator and condenser coils that fight corrosion and provide superior heat transfer capabilities for a more dependable performance—while using up to 58% less refrigerant than similar models.



High Comfort

Two-stage operation (67% and 100%) works to meet your ever-changing heating and cooling needs. You'll enjoy steady temperature and advanced humidity control that combine to exceed your optimal comfort expectations. This packaged dual fuel heat pump also provides 40% higher heating capacity than a standard heat pump, allowing air temperature to be an average of five degrees warmer than standard single- or two-stage heat pumps in all heating conditions.



Dual Fuel Efficiency & Versatility

As a dual fuel unit, the RDXFYC is a single-unit heating and cooling system that combines an electric heat pump with a gas furnace for efficient, year-round comfort. Heat pump technology draws heat from outside to keep the home warm during cooler temperatures and reverses the process in the summer for year-round efficiency. When outdoor temperatures drop too low for the heat pump to heat efficiently, the dual fuel unit automatically switches to the gas furnace function for reliable heating—even in the extreme cold.



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.



To learn more visit
RussellByRheem.com/Vantix

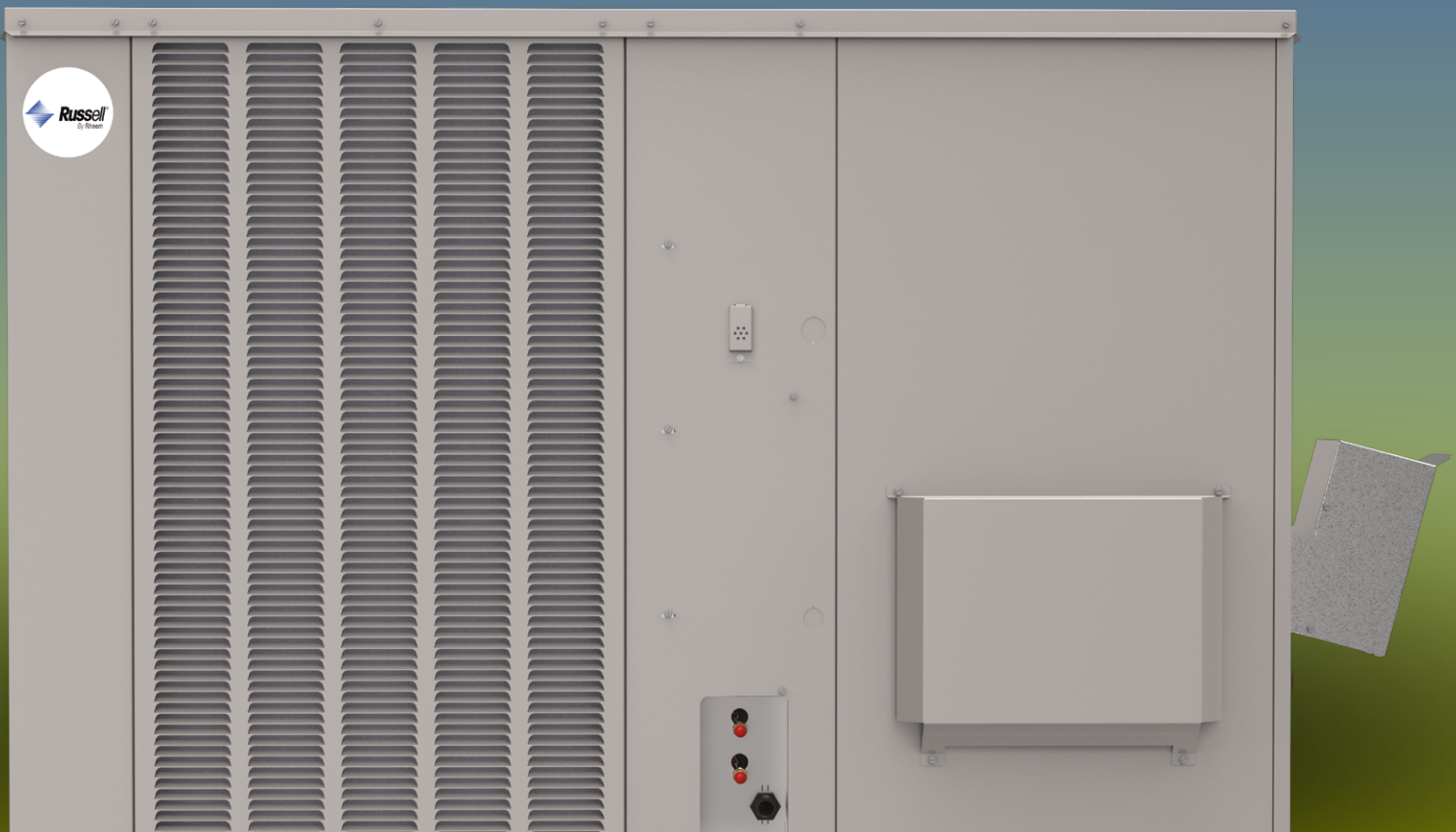


From One Convenient Unit



Among Residential
Packaged Dual Fuel
Units, **This One's a Star²**

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.

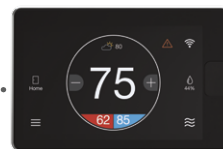


The Russell by Rheem Vantix RDFXYC operates with the easy-to-use EcoNet Smart Thermostat, which optimizes system performance and provides a new level of protection and precision comfort **with features like:**

- Communication with latest sensor technology
- Control of your thermostat from anywhere via the EcoNet App³
- 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%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.

FEATURES AT A GLANCE

Cooling & Heating Efficiencies Up To:

15.2 SEER2 / 11.5 EER2 / 7.2 HSPF2 / 81% AFUE

Refrigerant Type: R-454B

Nominal Sizes: 2 to 5 Tons

Cooling Capacities: 22.8 to 57 kBTU/h

Heating Capacity Heat Pump: 32 to 55.5 kBTU/h

Heating Capacity Gas (1st/2nd Stage):

34/48.6 to 56.7/81 kBTU/h

ENERGY STAR® Certified: Yes

EcoNet® Enabled: Yes

Sound Rating⁵: As low as 78 dBA

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

Stainless Steel Heat Exchanger: Yes
(factory-installed option)

1-Phase Option: Yes

3-Phase Option: Yes

Compatible Thermostat:

EcoNet Smart Thermostat and Two-Stage 24V

FEATURE HIGHLIGHTS

Ignition System – Proven Direct Spark Ignition (DSI) for reliability and longevity

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

Advanced Diagnostics – Bluetooth technology aids in quick & easy service

Limited Warranty¹:

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

Compressor (Residential Applications) – 10 Years

Heat Exchanger (Residential Applications) – Ltd. Lifetime

Parts (Commercial Applications) – 1 Year

Compressor (Commercial Applications) – 5 Years

Heat Exchanger (Commercial Applications) – 20 Years



RussellByRheem.com

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.

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. ²Proper sizing and installation of equipment is critical to achieve optimal performance. Ask your contractor for details or visit EnergyStar.gov. ³Wi-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. ⁴When comparing the GWP of R-454B to R-410A refrigerant. ⁵Based on internal R&D Testing, 2024. ⁶Factory installed on 3.5-, 4- and 5-ton models only; not required on other tonnages due to lower amount of refrigerant charge; Sensor kit is available for field installed if required.

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