

ENGINEERED TO  
SAVE SPACE &  
**MAXIMIZE  
COMFORT**



Residential Packaged  
Dual Fuel  
**RDFXYC**

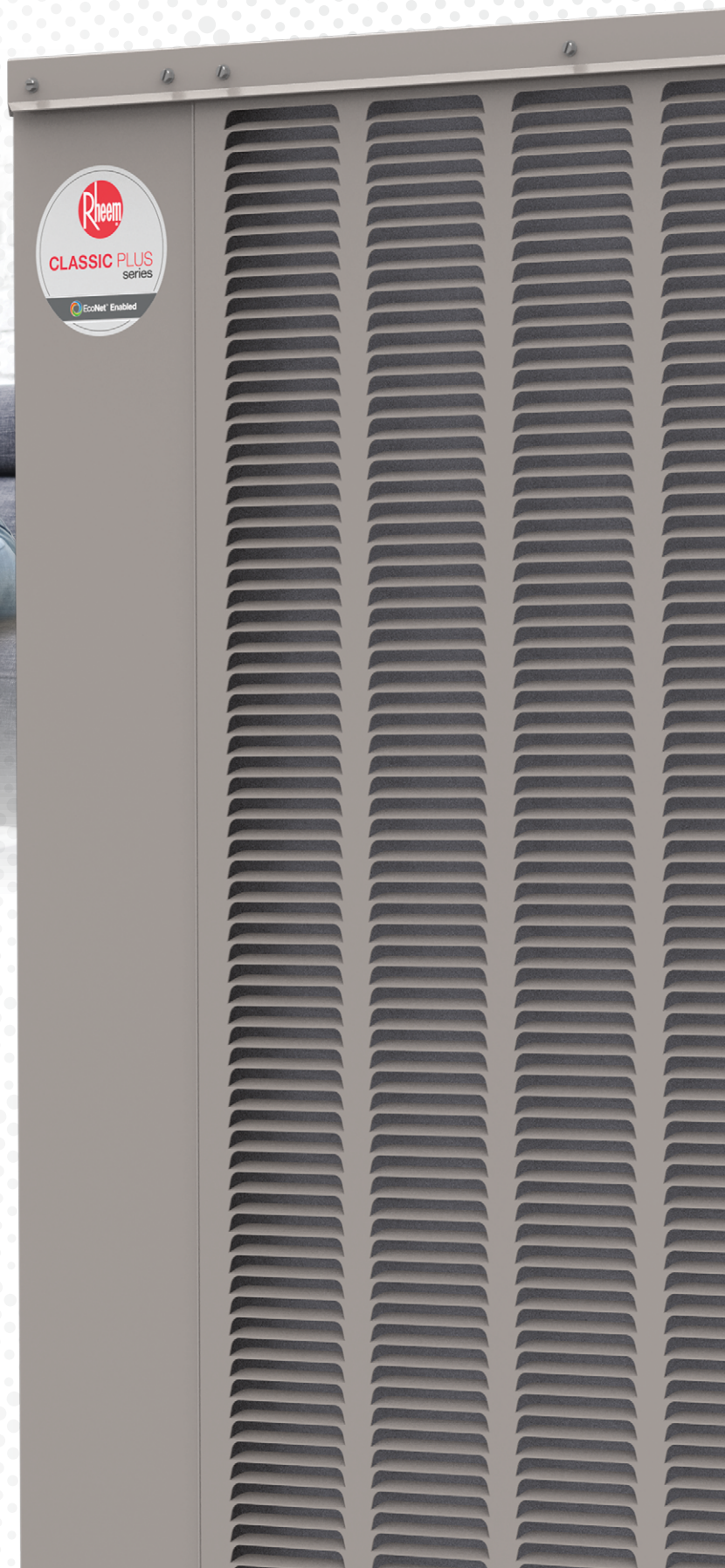


## ENDEAVOR<sup>®</sup>

### Rheem<sup>®</sup> Endeavor<sup>®</sup> Line *Classic Plus<sup>®</sup>* Series

The ENERGY STAR<sup>®</sup> certified Rheem Endeavor Line *Classic Plus* Series 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.

[Rheem.com/Endeavor](http://Rheem.com/Endeavor)



# Heating & Cooling

## Innovation You Can Count On

Patented industry-first features and 360+1 design make the Rheem Endeavor RDXFYC 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 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 unit 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.



### Durable 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.

ENDEAVOR



To learn more visit  
[Rheem.com/Endeavor](http://Rheem.com/Endeavor)



We Thought  
of Everything...  
& Then Some

We evaluate every detail of a product from top to bottom, inside and out and every angle in between. That's 360+1. And that's why you can count on this residential packaged dual fuel unit to bring you and your family years of efficient and dependable comfort.



TESTED.  
TRUSTED.  
TOUGH.

From the smallest part to complete comfort systems, we build quality into everything we make so we can be sure it's tough enough to deliver the ultimate performance you can count on day after day, year after year. That reliability is what makes Rheem different—and better.

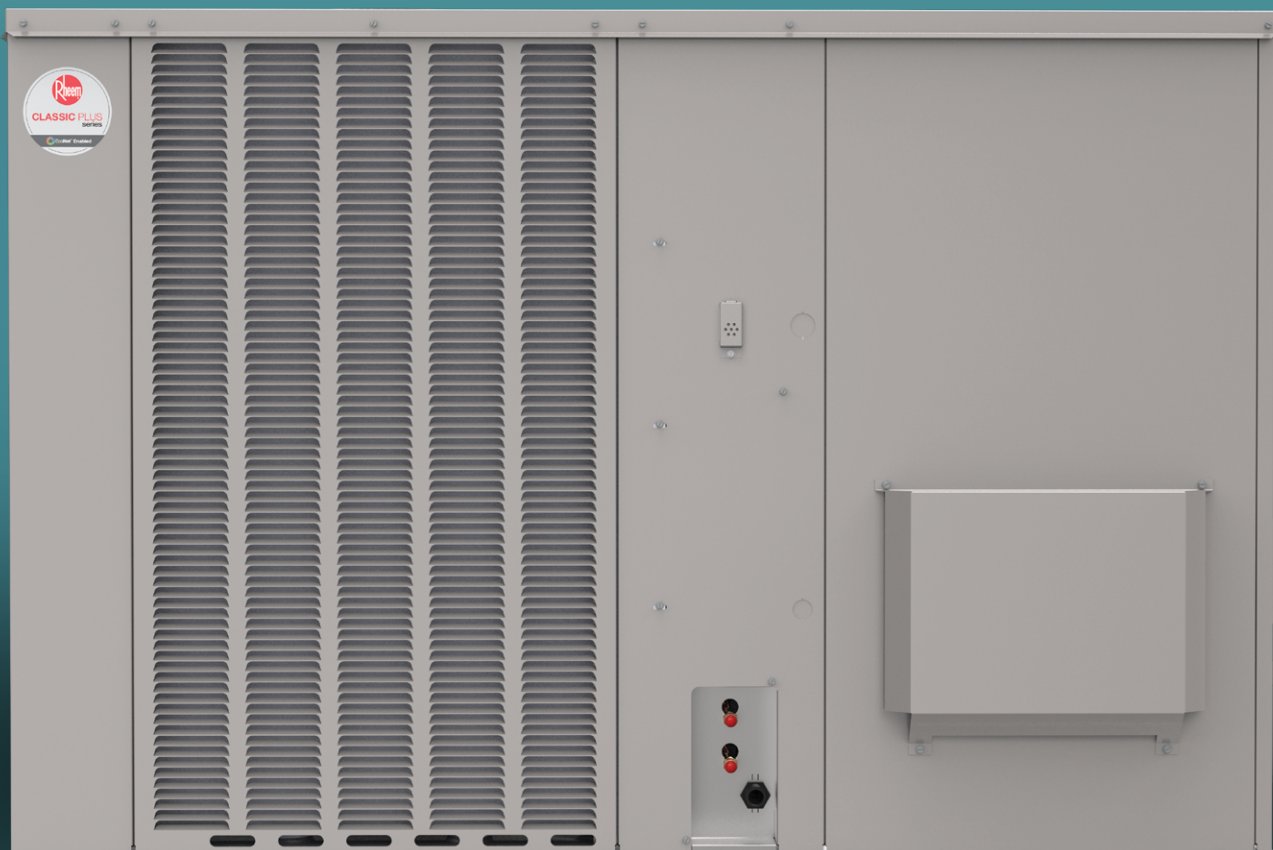


# From One Convenient Unit



Among Residential  
Packaged Dual Fuel  
Units, **This One's a Star<sup>2</sup>**

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.

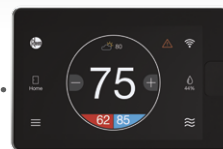


The Rheem Endeavor RDFXYC operates with the easy-to-use EcoNet Smart Thermostat, which optimizes system performance and provides a new level of protection and precision comfort **with features like:**

- Communication with latest sensor technology
- Control of your thermostat from anywhere via the EcoNet App<sup>3</sup>
- Alerts sent directly to your phone or email



EcoNet Mobile App



EcoNet Smart Thermostat



# ENDEAVOR®



## 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>4</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.



Rheem.com

## Innovating Since 1925

As the only brand bringing innovative air and water solutions to homes and businesses around the world, Rheem continues to deliver advanced comfort, savings and experiences to our customers—just as we've done for over a century.

## 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 Rating<sup>5</sup>:** 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 CFM

**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

**PlusOnes:**



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



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



**PlusOne Diagnostics** – Bluetooth  
technology aids in quick & easy service

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

**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



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*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 Rheem.com for a copy of the product warranty certificate. <sup>2</sup>Proper sizing and installation of equipment is critical to achieve optimal performance. Ask your contractor for details or visit EnergyStar.gov. <sup>3</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>4</sup>When comparing the GWP of R-454B to R-410A refrigerant. <sup>5</sup>Based on internal R&D Testing, 2024. <sup>6</sup>Factory 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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