

# A SMARTER CHOICE FOR COMFORT

Air | Heat Pump  
**UP16AZ**



## ENDEAVOR™

### **Ruud® Endeavor™ Line Achiever Plus® Series**

The Ruud Endeavor Line *Achiever Plus* Series UP16AZ Heat Pump provides a more versatile solution for consistent comfort season after season. Super-efficient heat pump technology keeps utility bills low while maximum durability provides peace of mind.

**[Ruud.com/Endeavor](http://Ruud.com/Endeavor)**



RELY ON RUUD.™



# Clever Innovation.

## Innovation You Can Count On

Patented industry-first features and 360+1 design make the Ruud Endeavor UP16AZ 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, 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, there are other factors that enhance overall efficiency such as system matching, sizing, ductwork and installation. 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 finances.



### Exact Comfort

Inverter driven, variable speed, twin rotary compressor technology features cooling operation between 40% and 70% of capacity (ramping up to 100% when required) to continuously meet your ever-changing cooling needs. You'll enjoy exact temperature and advanced humidity control that combine to exceed your optimal comfort expectations.



### 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.



### Reduced Environmental Impact

The 7mm condenser coil<sup>3</sup> provides a decrease in refrigerant requirements up to 15%, lowering the amount of greenhouse gases emitted while contributing to Ruud's sustainability goal of a 50% reduction in our greenhouse gas footprint by 2025. A win for all of us.



### Rugged Curb Appeal

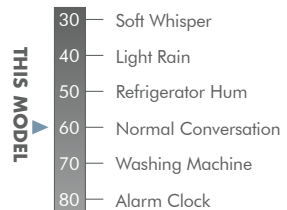
Curved louvered panels and rugged corner posts provide excellent support and protection to internal components, while the overall modern cabinet aesthetics, including the corrosion-resistant composite base pan and powder coat paint system allow your unit to put its best face forward for years to come.



### Quiet Operation

Efficient home comfort shouldn't be noisy. That's why our heat pumps are engineered 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 increases, sound levels remain low.

#### SOUND RATING<sup>4</sup>



ENDEAVOR™



To learn more visit  
[Ruud.com/Endeavor](http://Ruud.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 heat pump to bring you and your family years of efficient and dependable comfort.



TESTED.  
TRUSTED.  
TOUGH.

From the smallest part to complete comfort systems, we engineer quality into every piece of equipment to be sure it's tough enough to deliver the maximum performance you count on day after day, year after year. That reliability is what makes Ruud different—and better.

# Hard Working Performance.



A Smart Way to Live  
Both **Comfortably**  
& **Sustainably**

Many Ruud products have sustainability features, but the UP16AZ 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 Ruud Endeavor UP16AZ 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



# 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.

## Nearly 100 Years of Innovation



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

As the only brand bringing innovative air and water solutions to homes and businesses around the world, Ruud continues to deliver advanced comfort, savings and experiences to our customers—just as we've done for nearly 100 years.

## FEATURES AT A GLANCE

**Cooling & Heating Efficiency:**  
17 SEER2 / 10.4 EER2 / 8.1 HSPF2

**Nominal Sizes:**  
2 to 5 Tons

**Cooling & Heating Capacities:**  
22.8 to 56 kBTU

**EcoNet® Enabled:** Yes

**Sound Rating<sup>4</sup>:** As low as 60 dB

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

**Condenser Coil Type<sup>3</sup>:** 7mm

### PlusOnes:



**PlusOne® Variable Speed Twin Rotary Compressor & Inverter Drive –**

Variable speed operation with EcoNet® Smart Thermostat



**PlusOne Diagnostics –**

Bluetooth technology aids in quick & easy service



**PlusOne Expanded Valve Space –**

Provides a minimum working area of 27-square in.



**PlusOne Triple Service Access –**

15 in. wide industry leading corner service access, two-fastener removable corner and easily removable individual louver panels

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

Parts – 10 Years

Conditional Unit Replacement – 10 Years  
(registration required)



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*In keeping with its policy of continuous progress and product improvement, Ruud 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 [Ruud.com](http://Ruud.com) 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>5-ton models feature a 3/8 in. condenser coil. <sup>4</sup>Based on Internal R&D Testing, May 2022. Sound levels are also dependent on proper installation and location of outdoor product. <sup>5</sup>WiFi 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 WiFi set up. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

