

ENGINEERED FOR
COOL
COMFORT

Air Conditioner
RA16AY

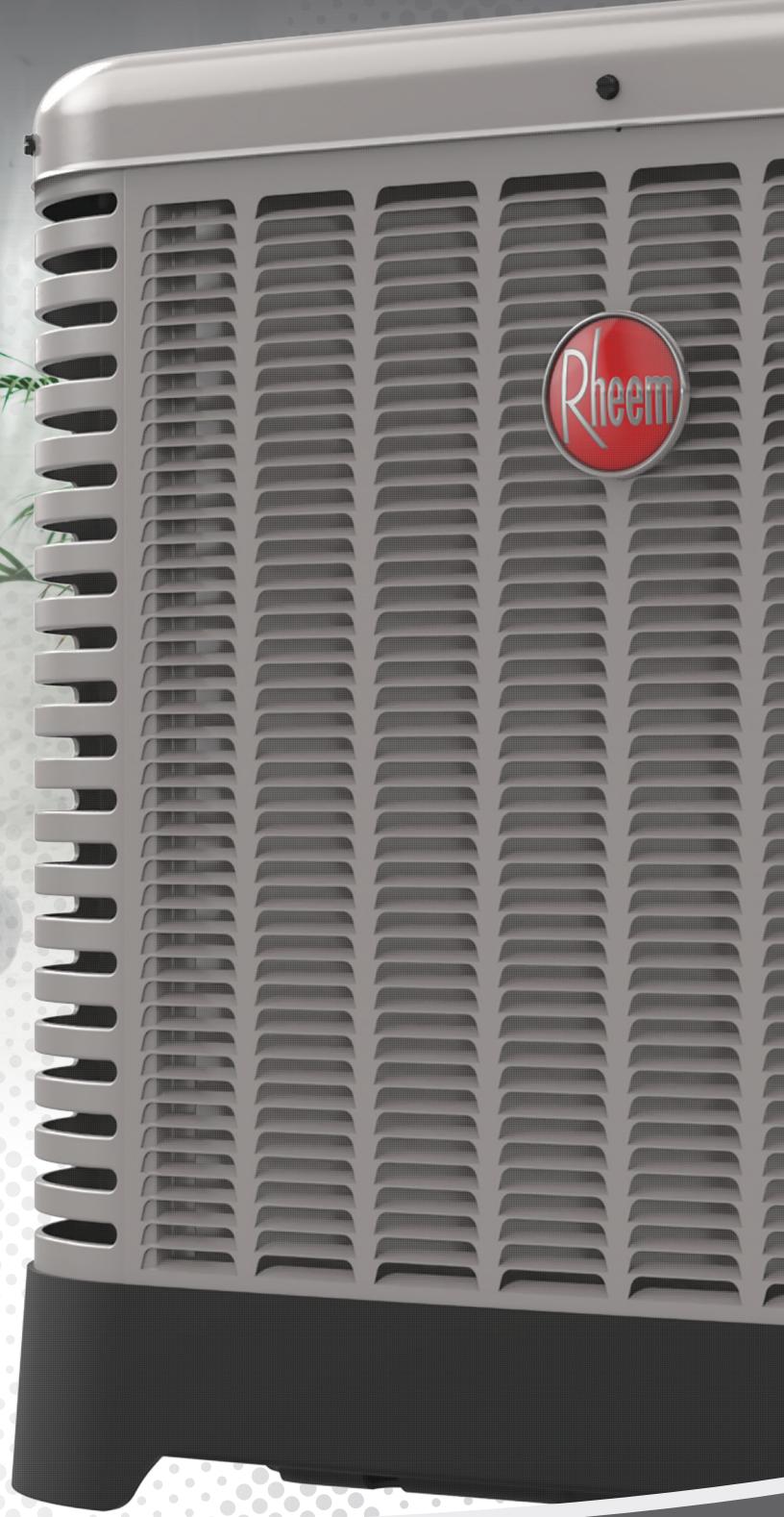


ENDEAVOR[®]

Rheem[®] Endeavor[®] Line Classic Plus[®] Series

The ENERGY STAR[®] certified Rheem Endeavor Line Classic Plus Series RA16AY Air Conditioner offers a more reliable way to keep your home comfortable. It's designed for lasting energy-efficient comfort that saves you money while delivering peace of mind.

Rheem.com/Endeavor





Stay Cool—Even

M
Z
E
A
V
E
R
U
S

Innovation You Can Count On

Patented industry-first features and 360+1 design make the Rheem Endeavor RA16AY 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, the higher the SEER² and EER² rating (Seasonal Energy Efficiency Ratio / Energy Efficiency Ratio), the higher the efficiency of your air conditioner—allowing for energy savings month after month. Keep in mind, other factors such as system matching, sizing, ductwork and installation also affect overall efficiency. 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 budget.



Less Environmental Impact

The 7mm condenser coil reduces refrigerant requirements up to 15%, lowering the amount of greenhouse gases emitted while contributing to Rheem's sustainability goal of a 50% reduction in our greenhouse gas footprint. A win for all of us.



Durable Curb Appeal

Curved louvered panels and rugged corner posts provide 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. Integrated sound-dampening features such as refrigerant tubing design, fan blade approach, composite base pan and innovative compressor and drive technologies let you enjoy more efficiency—and less noise.

THIS MODEL ▶

SOUND RATING²

30	— Soft Whisper
40	— Light Rain
50	— Refrigerator Hum
60	— Normal Conversation
70	— Washing Machine
80	— Alarm Clock



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 air conditioner 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.



To learn more visit
Rheem.com/Endeavor

When the Utility Bill Arrives



Among Air Conditioners, **This One's A Star³**

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.



ENDEAVOR®



FEATURES AT A GLANCE

Cooling Efficiency:

17 SEER2 / 12 EER2

Refrigerant Type: R-454B

Nominal Sizes: 2 to 5 Tons

Cooling Capacities: 22.8 to 56 kBtu

Sound Rating³: As low as 72 dBA

Compressor Type: Two-Stage

Condenser Coil Type: 7mm

PlusOnes:



PlusOne Triple Service Access –
15 in. wide industry leading corner service access, two-fastener removable corner and easily removable individual louver panels



PlusOne 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.

Innovating Since 1925



Rheem.com

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 since 1925.



Rheem USA
5600 Old Greenwood Road
Fort Smith, Arkansas 72908



Rheem Canada Ltd. / Ltée
125 Edgeware Road, Unit 1
Brampton, Ontario L6Y 0P5

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 Rheem.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 (A2L).



© 2025 Rheem Manufacturing Company. Rheem trademarks owned by Rheem Manufacturing Company.

Printed in the USA | 03/25 | QG | Form No. M11-2228