

ENDEAVOR™



Endeavor™ Line Classic Plus® Series iM Air Conditioners



This product meets a stringent set of our internally defined sustainability standards



Air Conditioner RA16AZ

Cooling Efficiency:

16 SEER2 / 10.5 EER2

Nominal Sizes:

2 to 5 Ton (7.03 kW to 17.58 kW)

Cooling Capacities:

22.8 kBTU to 56 kBTU

Features:

o EcoNet® Enabled:

- Automatic system configuration and optimization

o PlusOne® Diagnostics & Bluetooth Connectivity:

- Advanced setup, monitoring and troubleshooting
- *Up to 62% faster overall diagnostics over other residential HVAC brands¹*
- *Up to 54% faster installation over other residential HVAC brands¹*

o PlusOne® Variable Speed Twin Rotary Compressor & Inverter Drive:

- Operation from 40 to 100% capacity with EcoNet® Smart Thermostat
- 3-speed operation when installed with a 24V two-stage thermostat
- Precise temperature control, advanced humidity control, and quieter operation

o Brushless DC Condenser Motors (BLDC):

- Enhances reliability and allows for easier serviceability

o Swept Wing Fan Technology:

- Quieter operation and improved unit acoustics

o 7mm Condenser Copper Coil:

- Requires less refrigerant
- Allows for smaller and lighter footprint
- Enhances reliability

o PlusOne® Triple Service Access:

- *Enables up to 93% faster coil cleaning over other residential HVAC brands¹*

¹ Per a 2022 MIAT Residential HVAC Time Study on base and mid-tier Endeavor™ Line products and commercially available competitor units of similar product tier.

Rheem® Endeavor™ Line Classic Plus® Series iM Air Conditioners - RA16AZ Nomenclature

R	A	16	A	Z	24	A	J	3	C	A
Brand	Product Category	SEER2	Region	Refrigerant	Capacity BTU/HR	Major Series	Voltage	Type	Controls	Minor Series
Rheem	A - Air Conditioners	16 SEER2	A-All	Z - R-410A	24 - 24,000 [7.03 kW] 36 - 36,000 [10.55 kW] 48 - 48,000 [14.07 kW] 60 - 60,000 [17.58 kW]	A - 1st Design	J - 1ph, 208-230/60	3 - 3+ Stage	C - Communicating	A - 1st Design

Available Models
RA16AZ24AJ3CA
RA16AZ36AJ3CA
RA16AZ48AJ3CA
RA16AZ60AJ3CA



Cabinet Dimensions

Model	Height (in)	Width (in)	Depth (in)	Net Weight (lbs)
RA16AZ24AJ3CA	27	29.75	29.75	157
RA16AZ36AJ3CA	27	33.75	33.75	195
RA16AZ48AJ3CA	31	33.75	33.75	205
RA16AZ60AJ3CA	31	35.75	35.75	228

Preliminary Product Data²

Model	Total Capacity BTU/H [kW]	SEER2	EER2	Voltage	Phase	Hertz
RA16AZ24AJ3CA	22,800 [6.7]	16.0	10.5	208-230	1	60
RA16AZ36AJ3CA	34,200 [10.0]	16.0	10.5	208-230	1	60
RA16AZ48AJ3CA	46,000 [13.5]	16.0	10.5	208-230	1	60
RA16AZ60AJ3CA	56,000 [16.4]	16.0	10	208-230	1	60

² COMING SOON: Ratings data is for reference only. Complete rated system performance data will be included in the full Product Specification Sheet which will be available by June 15. Please refer to www.ahridirectory.org for official ratings.

GENERAL TERMS OF LIMITED WARRANTY³

Rheem will furnish a replacement for any part of this product which fails in normal use and service within the applicable period stated, in accordance with the terms of the limited warranty.

³ For complete details of the Limited and Conditional Warranties, including applicable terms and conditions, contact your local contractor or the Manufacturer for a copy of the product warranty certificate.

Conditional Unit Replacement
(Registration Required)..... Ten (10) Years
Parts.....Ten (10) Years

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