



HVAC PRODUCT CATALOG

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HEAT PUMPS

UP18AZ Endeavor™ Line Ultra™ Series iM Heat Pump



- EcoNet® Enabled
- Cooling Efficiencies: up to 20 SEER2 / 12.5 EER2
- Heating Efficiencies: up to 8.5 HSPF2
- Nominal Sizes: 2 to 5 Tons [7.0 to 17.6 kW]
- Cooling Capacities: 22.8 to 55 kBTU [6.7 to 16.1 kW]

Limited Warranty

- Conditional Unit Replacement (Registration Required): Ten (10) Years
- Parts: Ten (10) Years

UP18AZ Endeavor™ Line Ultra™ Series iM Heat Pump

FEATURES

Features and Benefits

- EcoNet® Enabled: Automatic system configuration and optimization
- *PlusOne™* Diagnostics & Bluetooth Connectivity: With the Ruud Contractor & EcoNet® Apps, built-in technology makes advanced set-up, monitoring, troubleshooting, and repairing the product easier than ever before
- Variable Speed Scroll® Compressor & Inverter Drive: — Features variable speed operation from 40 to 100% capacity with the EcoNet® Smart Thermostat — Offers overdrive capability up to 115% to maintain performance in extreme conditions — Provides precise temperature control, advanced humidity control and greater efficiency
- Brushless DC Condenser Motors (BLDC): Enhances reliability and allows for easier serviceability
- Swept Wing Fan Technology: Features quieter operation and improved unit acoustics

SKU	Capacity	Voltage	Height	Length	Width	Weight	Liquid	Suction	Price
UP18AZ24AJVCA	24000	208-230/60/1	45-5/32	36-1/8	36-1/8	278.0	3/8	3/4	
UP18AZ36AJVCA	36000	208-230/60/1	51-5/32	36-1/8	36-1/8	298.0	3/8	3/4	
UP18AZ48AJVCA	48000	208-230/60/1	51-5/32	36-1/8	36-1/8	298.0	3/8	7/8	
UP18AZ60AJVCA	60000	208-230/60/1	51-5/32	36-1/8	36-1/8	301.0	3/8	7/8	



HEAT PUMPS

UP16AZ Endeavor™ Line Ultra® Series iM Heat Pump



- Cooling Efficiencies: up to 17.0 SEER2 / 10.4 EER2
- Heating Efficiencies: up to 8.1 HSPF2
- Nominal Sizes: 2 to 5 Ton [7.0 to 17.6 kW]
- Cooling Capacities 22.8 to 55.0 kBTU [6.7 to 16.1 kW]

Limited Warranty

- Conditional Unit Replacement (Registration Required): Ten (10) Years
- Parts: Ten (10) Years

UP16AZ Endeavor™ Line Ultra® Series iM Heat Pump

FEATURES

Features and Benefits

- EcoNet® Enabled: Automatic system configuration and optimization
- *PlusOne™* Diagnostics & Bluetooth Connectivity: With the Ruud Contractor & EcoNet® Apps, built-in technology makes advanced set-up, monitoring, troubleshooting, and repairing the product easier than ever before
- *PlusOne™* Variable Speed Twin Rotary Compressor & Inverter Drive: — Features variable speed operation from 45 to 70% capacity, or 100% capacity via line voltage, with the EcoNet® Smart Thermostat — 3-speed operation when installed with a 24V two-stage thermostat — Provides precise temperature control, advanced humidity control and greater efficiency
- Brushless DC Condenser Motors (BLDC): Enhances reliability and allows for easier serviceability
- Swept Wing Fan Technology: Features quieter operation and improved unit acoustics
- 7 mm Condenser Copper Coil: Requires less refrigerant allowing for a smaller and lighter footprint while enhancing reliability
- Inverted Reversing Valve: Allows for faster heat transfer with gravity assist shifting and reduced joint stress for increased reliability
- *PlusOne™* Expanded Value Space: 3 in. – 4 in. – 5 in. service valve space – provides a minimum working area of 27-square inches for easier access (does not apply to 2 and 3 ton models)
- *PlusOne™* Triple Service Access: 15 in. wide, industry leading corner service access, two fastener, removeable corner and individual louver panels – makes repairs easier and faster

SKU	Capacity	Voltage	Height	Length	Width	Weight	Liquid	Suction	Price
UP16AZ24AJ3CA	24000	208-230/60/1	27	29-3/4	29-3/4	181.0	3/8	3/4	
UP16AZ36AJ3CA	36000	208-230/60/1	35	33-3/4	33-3/4	198.0	3/8	3/4	
UP16AZ48AJ3CA	48000	208-230/60/1	35	33-3/4	33-3/4	203.0	3/8	7/8	
UP16AZ60AJ3CA	60000	208-230/60/1	45	35-3/4	35-3/4	307.0	3/8	7/8	



HEAT PUMPS

RP15AZ Endeavor™ Line Achiever Plus® Series iM Heat Pump

RP15AZ Endeavor™ Line Achiever Plus® Series iM Heat Pump



- Cooling Efficiency: 15.2 SEER2 / 11.7 EER2
- Heating Efficiencies: up to 7.8 HSPF2
- Nominal Sizes: 1.5 to 5 Tons [5.3 to 17.6 kW]
- Cooling & Heating Capacities: 13.36 kBTU to 45.6 kBTU

Limited Warranty

- Conditional Parts (Registration Required): Ten (10) Years

FEATURES

Features and Benefits

- Two-Stage Scroll® Compressor: Features two speeds (high and low) of cooling and heating, providing more precise temperature control, lower humidity and greater efficiency when compared to single stage compressors
- 7mm Condenser Copper Coil: Requires less refrigerant allowing for a smaller and lighter footprint while enhancing reliability
- Inverted Reversing Valve: Allows for faster heat transfer with gravity assist shifting and reduced joint stress for increased reliability
- *PlusOne™* Expanded Valve Space: 3 in. – 4 in. – 5 in. service valve space — provides a minimum working area of 27-square inches for easier access
- *PlusOne™* Triple Service Access: 15" wide, industry leading corner service access, two fastener, removeable corner and individual louver panels — makes repairs easier and faster

SKU	Capacity	Voltage	Height	Length	Width	Weight	Liquid	Suction	Price
RP15AZ18AJ2NA	18000	208-230/60/1	25	29-3/4	29-3/4	150.0	3/8	3/4	
RP15AZ18AJ2NARHC	18000	208-230/60/1	25	29-3/4	29-3/4	150.0	3/8	7/8	
RP15AZ24AJ2NA	24000	208-230/60/1	25	29-3/4	29-3/4	150.0	3/8	3/4	
RP15AZ24AJ2NARHC	24000	208-230/60/1	25	29-3/4	29-3/4	150.0	3/8	3/4	
RP15AZ30AJ2NA	30000	208-230/60/1	35	33-3/4	33-3/4	202.0	3/8	3/4	
RP15AZ30AJ2NARHC	30000	208-230/60/1	35	33-3/4	33-3/4	202.0	3/8	3/4	
RP15AZ36AJ2NA	36000	208-230/60/1	39	33-3/4	33-3/4	214.0	3/8	3/4	
RP15AZ36AJ2NARHC	36000	208-230/60/1	39	33-3/4	33-3/4	214.0	3/8	3/4	
RP15AZ42AJ2NA	42000	208-230/60/1	39	33-3/4	33-3/4	240.0	3/8	7/8	
RP15AZ42AJ2NARHC	42000	208-230/60/1	39	33-3/4	33-3/4	240.0	3/8	7/8	
RP15AZ48AJ2NA	48000	208-230/60/1	39	33-3/4	33-3/4	240.0	3/8	7/8	
RP15AZ48AJ2NARHC	48000	208-230/60/1	39	33-3/4	33-3/4	240.0	3/8	7/8	
RP15AZ60AJ2NA	60000	208-230/60/1	51	35-3/4	35-3/4	291.0	3/8	7/8	
RP15AZ60AJ2NARHC	60000	208-230/60/1	51	35-3/4	35-3/4	291.0	3/8	7/8	



HEAT PUMPS

Endeavor™ Line Achiever® Series iM Heat Pump



- Cooling Efficiency: 14.3 SEER2/9.0 EER2
- Heating Efficiencies: up to 7.5 HSPF2
- Nominal Sizes: 1.5 to 5 Tons [5.3 to 17.6 kW]
- Cooling & Heating Capacities: 17.1 kBTU to 55.5 kBTU

Limited Warranty

- Conditional Parts (Registration Required): Ten (10) Years

RP14AZ Endeavor™ Line Achiever® Series iM Heat Pump

FEATURES

Features and Benefits

- Swept Wing Fan Technology: Features quieter operation and improved unit acoustics
- Two-Stage Scroll® Compressor: Features two speeds (high and low) of cooling and heating, providing more precise temperature control, lower humidity and greater efficiency when compared to single stage compressors
- Inverted Reversing Valve: Allows for faster heat transfer with gravity assist shifting and reduced joint stress for increased reliability
- *PlusOne™* Expanded Value Space: 3 in. – 4 in. – 5 in. service valve space—provides a minimum working area of 27-square inches for easier access
- *PlusOne™* Triple Service Access: 15 in. wide, industry leading corner service access, two fastener, removeable corner and individual louver panels—makes repairs easier and faster

SKU	Capacity	Voltage	Height	Length	Width	Weight	Liquid	Suction	Price
RP14AZ18AJ1NA	18000	208-230/60/1	25	29-3/4	29-3/4	150.0	3/8	3/4	
RP14AZ18AJ1NARHC	18000	208-230/60/1	25	29-3/4	29-3/4	150.0	3/8	3/4	
RP14AZ18AJ2NA	18000	208-230/60/1	25	29-3/4	29-3/4	150.0	3/8	3/4	
RP14AZ18AJ2NARHC	18000	208-230/60/1	25	29-3/4	29-3/4	150.0	3/8	3/4	
RP14AZ24AJ2NA	24000	208-230/60/1	25	29-3/4	29-3/4	151.0	3/8	3/4	
RP14AZ24AJ2NARHC	24000	208-230/60/1	25	29-3/4	29-3/4	151.0	3/8	3/4	
RP14AZ30AJ2NA	30000	208-230/60/1	27	33-3/4	33-3/4	189.0	3/8	3/4	
RP14AZ30AJ2NARHC	30000	208-230/60/1	27	33-3/4	33-3/4	189.0	3/8	3/4	
RP14AZ36AJ2NA	36000	208-230/60/1	35	33-3/4	33-3/4	202.0	3/8	3/4	
RP14AZ36AJ2NARHC	36000	208-230/60/1	35	33-3/4	33-3/4	202.0	3/8	3/4	
RP14AZ42AJ2NA	42000	208-230/60/1	35	33-3/4	33-3/4	232.0	3/8	7/8	
RP14AZ42AJ2NARHC	42000	208-230/60/1	35	33-3/4	33-3/4	232.0	3/8	7/8	
RP14AZ48AJ2NA	48000	208-230/60/1	35	33-3/4	33-3/4	238.0	3/8	7/8	
RP14AZ48AJ2NARHC	48000	208-230/60/1	35	33-3/4	33-3/4	238.0	3/8	7/8	
RP14AZ60AJ2NA	60000	208-230/60/1	45	35-3/4	35-3/4	278.0	3/8	7/8	
RP14AZ60AJ2NARHC	60000	208-230/60/1	45	35-3/4	35-3/4	278.0	3/8	7/8	



CONDENSING UNITS

UA18AZ Endeavor™ Ultra® Series iM Air Conditioner



- EcoNet® Enabled
- Cooling Efficiencies: up to 20 SEER2 /13 EER2
- Nominal Sizes: 2 to 5 Tons [7.0 to 17.6 kW]
- Cooling Capacities: 22.8 to 54 kBTU [6.7 to 15.83 kW]

Limited Warranty

- Conditional Unit Replacement (Registration Required): Ten (10) Years
- Parts: Ten (10) Years

UA18AZ Endeavor™ Ultra® Series iM Air Conditioner

FEATURES

Features and Benefits

- EcoNet® Enabled: Automatic system configuration and optimization
- *PlusOne™* Diagnostics & Bluetooth Connectivity: With the Ruud Contractor & EcoNet® Apps, built-in technology makes advanced set-up, monitoring, troubleshooting, and repairing the product easier than ever before.
- Brushless DC Condenser Motors (BLDC): Enhances reliability and allows for easier serviceability
- Swept Wing Fan Technology: Features quieter operation and improved unit acoustics
- *PlusOne™* Expanded Value Space: 3 in. – 4 in. – 5 in. service valve space—provides a minimum working area of 27-square inches for easier access
- *PlusOne™* Triple Service Access: 15 in wide, industry leading corner service access, two fastener, removeable corner and individual louver panels – makes repairs easier and faster

SKU	Capacity	Voltage	Height	Length	Width	Weight	Liquid	Suction	Price
UA18AZ24AJVCA	24000	208-230/60/1	39	33-3/4	33-3/4	214.0	3/8	3/4	
UA18AZ36AJVCA	36000	208-230/60/1	39	33-3/4	33-3/4	236.0	3/8	3/4	
UA18AZ48AJVCA	48000	208-230/60/1	51	35-3/4	35-3/4	255.0	3/8	7/8	
UA18AZ60AJVCA	60000	208-230/60/1	51	35-3/4	35-3/4	307.0	3/8	7/8	



CONDENSING UNITS

UA16AZ Endeavor™ Line Achiever® Plus Series iM Air Conditioner

UA16AZ Endeavor™ Line Achiever® Plus Series iM Air Conditioner



- Cooling Efficiencies: up to 17 SEER2 / 10.5 EER2
- Nominal Sizes: 2 to 5 Ton (7.0 to 17.6 kW)
- Cooling Capacities: 23.5 kBTU to 56 kBTU [6.9 to 16.4 kW]

Limited Warranty

- Conditional Unit Replacement (Registration Required): Ten (10) Years
- Parts: Ten (10) Years

FEATURES

Features and Benefits

- EcoNet® Enabled: • Automatic system configuration and optimization
- *PlusOne™* Diagnostics & Bluetooth Connectivity: With the Ruud Contractor & EcoNet® Apps, built-in technology makes advanced set-up, monitoring, troubleshooting and repairing the product easier than ever before.
- *PlusOne™* Variable Speed Twin Rotary Compressor & Inverter Drive: Features Inverter operation from 45 to 100% capacity with EcoNet® Smart Thermostat
- 3-speed Operation: When installed with a 24V two-stage thermostat
- Provides Precise Temperature Control: Advanced humidity control and quieter efficiency
- Brushless DC Condenser Motors (BLDC): Enhances reliability and allows for easier serviceability
- Swept Wing Fan Technology: Quieter operation and improved unit acoustics
- 7mm Condenser Copper Coil: Requires less refrigerant allowing for smaller and lighter footprint while enhancing reliability
- *PlusOne™* Expanded Valve Space: 3 in. - 4 in. - 5 in. service valve space , provides a minimum working area of 27 square inches for easier access (Does not apply to 2 and 3 ton models)
- *PlusOne™* Triple Service Access: 15 in. wide, industry leading corner service access, two fastener, removable corner and individual louver panels- makes repairs easier and faster

SKU	Capacity	Voltage	Height	Length	Width	Weight	Liquid	Suction	Price
UA16AZ24AJ3CA	24000	208-230/60/1	27	29-3/4	29-3/4	146.0	3/8	3/4	
UA16AZ36AJ3CA	36000	208-230/60/1	27	33-3/4	33-3/4	150.0	3/8	3/4	
UA16AZ48AJ3CA	48000	208-230/60/1	31	33-3/4	33-3/4	188.0	3/8	7/8	
UA16AZ60AJ3CA	60000	208-230/60/1	31	35-3/4	35-3/4	204.0	3/8	7/8	



CONDENSING UNITS

RA14AZ Endeavor™ Achiever® Series iM Air Conditioner



- Cooling Efficiencies: up to 16 SEER2 / 13 EER2
- Nominal Sizes: 1 1/2 to 5 Ton [5.28 to 17.6 kW]
- Cooling Capacities: 17.1 to 55.5 kBTU [5.0 to 16.3 kW]

Limited Warranty

- Conditional Parts (Registration Required): Ten (10) Years

RA14AZ Endeavor™ Achiever® Series iM Air Conditioner

FEATURES

Features and Benefits

- Lighter Footprint & Less Environmental Impact from New 7mm Condenser Coil provided by a decrease in refrigerant requirements and an overall weight reduction
- *PlusOne™* Expanded Value Space: 3in – 4in – 5 in service valve space – provides a minimum working area of 27-square inches for easier access
- *PlusOne™* Triple Service Access: 15 in wide, industry leading corner service access – makes repairs easier and faster. The two fastener, removable corner allows optimal access to internal unit components. Individual louver panels come out once fastener is removed, for faster coil cleaning and easier cabinet reassembly
- System Matching Simplicity – matches to all tiers of gas furnaces
- Modern cabinet aesthetics – High curb appeal with visually appealing design
- Curved louver panels – provide ultimate coil protection, enhance cabinet strength, and increased cabinet rigidity
- Diagnostic service window with two-fastener opening – provides access to the high and low pressure.
- External gauge port access – allows easy connection of “low-loss” gauge ports
- QR code – provides technical information on demand for faster service calls
- Fan motor harness with extra-long wires allows unit top to be removed without disconnecting fan wire.

SKU	Capacity	Voltage	Height	Length	Width	Weight	Liquid	Suction	Price
RA14AZ18AJ1NA	18000	208-230/60/1	25	29-3/4	29-3/4	144.0	3/8	3/4	
RA14AZ18AJ1NALHP	18000	208-230/60/1	25	29-3/4	29-3/4	144.0	3/8	3/4	
RA14AZ24AJ1NA	24000	208-230/60/1	25	33-3/4	33-3/4	178.0	3/8	3/4	
RA14AZ24AJ1NALHP	24000	208-230/60/1	25	33-3/4	33-3/4	178.0	3/8	3/4	
RA14AZ30AJ1NA	30000	208-230/60/1	27	33-3/4	33-3/4	190.0	3/8	3/4	
RA14AZ30AJ1NALHP	30000	208-230/60/1	27	33-3/4	33-3/4	190.0	3/8	3/4	
RA14AZ36AJ1NA	36000	208-230/60/1	31	33-3/4	33-3/4	210.0	3/8	3/4	
RA14AZ36AJ1NALHP	36000	208-230/60/1	31	33-3/4	33-3/4	210.0	3/8	3/4	
RA14AZ42AJ1NA	42000	208-230/60/1	35	33-3/4	33-3/4	252.0	3/8	7/8	
RA14AZ42AJ1NALHP	42000	208-230/60/1	35	33-3/4	33-3/4	252.0	3/8	7/8	
RA14AZ48AJ1NA	48000	208-230/60/1	35	33-3/4	33-3/4	243.0	3/8	7/8	
RA14AZ48AJ1NALHP	48000	208-230/60/1	35	33-3/4	33-3/4	243.0	3/8	7/8	
RA14AZ60AJ1NA	60000	208-230/60/1	51	35-3/4	35-3/4	287.0	3/8	7/8	
RA14AZ60AJ1NALHP	60000	208-230/60/1	51	35-3/4	35-3/4	287.0	3/8	7/8	



AIR HANDLER

RHMOVZ Endeavor™ Line Air Handler



- Motor: Constant CFM
- Airflow Stages: Modulating
- Expansion Device: Electronic Expansion Valve (EEV)
- Efficiencies: 18+ SEER2

Limited Warranty

- Parts: Ten (10) Years

RHMOVZ Endeavor™ Line Air Handler

FEATURES

Features and Benefits

- Constant CFM Motor: Truly variable speed technology allows for ultimate humidity control, quieter sound levels and contributes to year-round energy savings
- Quietest Operation: Provided by Modulating operation and truly variable speed airflow technology and sturdy cabinet construction with 1.0 inch of foil faced insulation for some of the quietest sound characteristics
- *PlusOne™* Diagnostics: With the Ruud Contractor & EcoNet® Apps, built-in EcoNet® & Bluetooth technology makes monitoring, troubleshooting and repairing the product easier than ever before
- Dip Switch Free Installation Commissioning via Bluetooth Technology: Seamless final install step without DIP switch configuration using the Ruud Contractor App
- EcoNet® Enabled Air Handler: — The latest in sensor technology and the EcoNet® monitoring system provides a new level of protection, control and energy savings — Allows on-the-go control and receipt of system alerts by the homeowner via the EcoNet® Smart Thermostat and EcoNet® App
- Aluminum Indoor Coil Design: Are constructed of aluminum fins bonded to internally grooved aluminum tubing and are more corrosion resistant
- Versatile 4-Way Convertible Compact Design: Allows for upflow, downflow, horizontal left and horizontal right applications, even in the smallest of spaces
- Rugged Steel, Compact Cabinet Construction: Designed for added strength and versatility
- Field-installed Auxiliary Heater Kits: Provide exact heat for indoor comfort and include circuit breakers which meet UL and cUL requirements for service disconnect
- Less than 2% Cabinet Air Leakage at 1-inch H2O: When tested in accordance with AHRAE Standard 193

SKU	Voltage	Height	Depth	Width	Weight With Coil	Price
RHMOVZ2417SEACNJ	208-240/60/1	42-1/2	21-11/16	17-1/2	91.0	
RHMOVZ2417SEACNJRHC	208-240/60/1	42-1/2	21-11/16	17-1/2	91.0	
RHMOVZ2421HEACAJ	208-240/60/1	57	21-11/16	21	140.0	
RHMOVZ2421HEACAJRHC	208-240/60/1	57	21-11/16	21	140.0	
RHMOVZ2421HEACNJ	208-240/60/1	50-1/2	21-11/16	21	123.0	
RHMOVZ2421HEACNJRHC	208-240/60/1	50-1/2	21-11/16	21	123.0	
RHMOVZ2421MEACNJ	208-240/60/1	42-1/2	21-11/16	21	103.0	
RHMOVZ2421MEACNJRHC	208-240/60/1	42-1/2	21-11/16	21	103.0	
RHMOVZ2421MNAUNJ		0	0	0		
RHMOVZ3021SNAUNJ		0	0	0		
RHMOVZ3621MNAUAJ		0	0	0		
RHMOVZ4821SNAUAJ		0	0	0		
RHMOVZ6021SEACAJ	208-240/60/1	57	21-11/16	21	140.0	
RHMOVZ6021SEACAJRHC	208-240/60/1	57	21-11/16	21	140.0	
RHMOVZ6024SEACNJ	208-240/60/1	55-1/2	21-11/16	24-1/2	159.0	
RHMOVZ6024SEACNJRHC	208-240/60/1	55-1/2	21-11/16	24-1/2	159.0	



AIR HANDLER

RH3VZ Endeavor™ Line Air Handler



- Motor: Constant CFM
- Airflow Stages: 3-Stage
- Expansion Device: Thermal Expansion Valve (TXV)
- Efficiencies: Up to 16 SEER2

Limited Warranty

- Conditional Parts (Registration Required): Ten (10) Years

RH3VZ Endeavor™ Line Air Handler

FEATURES

Features and Benefits

- **Constant CFM Motor:** When paired with the EcoNet® Smart Thermostat, the motor gradually auto-adjusts from low capacity to 100% of capacity to meet comfort requirements – allowing for ultimate humidity control, quieter sounds levels and year-round energy savings. When paired with a 24V two-stage thermostat, the air handler runs in 3-speeds to match airflow with outdoor unit
- **PlusOne™ Diagnostics - Easy & Quick Diagnostics & Ongoing Monitoring** with Bluetooth Technology & EcoNet®: With the Ruud Contractor & EcoNet® Apps, built-in technology makes monitoring, troubleshooting and repairing the product easier than ever before. The Endeavor™ Line with the Contractor App via Bluetooth technology, features up to 62% faster overall diagnostics over other residential HVAC brands
- **No Dip Switches = Fast Seamless Final Installation:** The Ruud Endeavor™ Line, with Ruud® Contractor App-based commissioning via Bluetooth technology, features up to 54% faster installation over other residential HVAC brands
- **New Ruud Air Handler Control Board (AHC):** Enables constant CFM airflow Introduces Bluetooth® connectivity for access to advanced diagnostic information from the Contractor App on your mobile device Maintains EcoNet® diagnostics for remote access when shared by the homeowner
- **Aluminum Indoor Coil Design:** Are constructed of aluminum fins bonded to internally grooved aluminum tubing and are more corrosion resistant
- **Quieter Sound Levels:** Provided by sturdy cabinet construction with 1.0 inch of foil faced insulation for quieter sound characteristics
- **Versatile 4-Way Convertible Compact Design:** Allows for upflow, downflow, horizontal left and horizontal right applications, even in the smallest of spaces
- **Rugged Steel, Compact Cabinet Construction:** Designed for added strength and versatility
- **Field-installed Auxiliary Heater Kits:** Provide exact heat for indoor comfort and include circuit breakers which meet UL and cUL requirements for service disconnect
- **Less than 2% Cabinet Air Leakage at 1-inch H2O:** When tested in accordance with ASHRAE Standard 193

SKU	Voltage	Height	Depth	Width	Weight With Coil	Price
RH3VZ2417STACNJ	208-240/60/1	42-1/2	21-11/16	17-1/2	91.0	
RH3VZ2417STACNJRHC	208-240/60/1	42-1/2	21-11/16	17-1/2	91.0	
RH3VZ3617STACNJ	208-240/60/1	42-1/2	21-11/16	17-1/2	99.0	
RH3VZ3617STACNJRHC	208-240/60/1	42-1/2	21-11/16	17-1/2	99.0	
RH3VZ4821STACNJ	208-240/60/1	50-1/2	21-11/16	21	129.0	
RH3VZ4821STACNJRHC	208-240/60/1	50-1/2	21-11/16	21	129.0	
RH3VZ6024STACNJ	208-240/60/1	55-1/2	21-11/16	24-1/2	158.0	
RH3VZ6024STACNJRHC	208-240/60/1	55-1/2	21-11/16	24-1/2	158.0	



AIR HANDLER

RH2VZ Endeavor™ Line Air Handler



- Constant CFM Motor
- 2-Stage Airflow
- Thermal Expansion Valve (TXV)
- Efficiencies: 13.4 to 14.3 SEER2

Limited Warranty

- Conditional Parts (Registration Required): Ten (10) Years

RH2VZ Endeavor™ Line Air Handler

FEATURES

Features and Benefits

- **Constant CFM Motor:** — When paired with EcoNet® Smart Thermostat, gradually auto-adjusts from low capacity to 100% of capacity to meet comfort requirements—allowing for ultimate humidity control, quieter sounds levels and year-round energy savings — When paired with 24V two-stage thermostat, air handler runs in 2 speeds to match airflow with outdoor unit
- **Quieter Operation:** Provided by two-stage operation and truly variable speed airflow technology and sturdy cabinet construction with 1.0 inch of foil faced insulation for quieter sound characteristics
- **PlusOne™ Diagnostics:** With the Contractor & EcoNet® Apps, built-in EcoNet® & Bluetooth technology makes monitoring, troubleshooting and repairing the product easier than ever before
- **Dip Switch Free Installation Commissioning via Bluetooth Technology:** Seamless final install step without DIP switch configuration using the Contractor App
- **EcoNet® Enabled Air Handler:** — The latest in sensor technology and the EcoNet® monitoring system provides a new level of protection, control and energy savings — Allows on-the-go control and receipt of system alerts by the homeowner via the EcoNet® Smart Thermostat and EcoNet® App
- **Aluminum Indoor Coil Design:** Are constructed of aluminum fins bonded to internally grooved aluminum tubing and are more corrosion resistant
- **Versatile 4-Way Convertible Compact Design:** Allows for upflow, downflow, horizontal left and horizontal right applications, even in the smallest of spaces
- **Rugged Steel, Compact Cabinet Construction:** Designed for added strength and versatility
- **Field-installed Auxiliary Heater Kits:** Provide exact heat for indoor comfort and include circuit breakers which meet UL and cUL requirements for service disconnect
- **Less than 2% Cabinet Air Leakage at 1-inch H2O:** When tested in accordance with ASHRAE Standard 193

SKU	Voltage	Height	Depth	Width	Weight With Coil	Price
RH2VZ2417STANNJ	208-240/60/1	42-1/2	21-11/16	17-1/2	91.0	
RH2VZ2417STANNJRHC	208-240/60/1	42-1/2	21-11/16	17-1/2	91.0	
RH2VZ3617STANNJ	208-240/60/1	42-1/2	21-11/16	17-1/2	98.0	
RH2VZ3617STANNJRHC	208-240/60/1	42-1/2	21-11/16	17-1/2	98.0	
RH2VZ3621MTANAJ	208-240/60/1	57	21-11/16	21	138.0	
RH2VZ3621MTANAJRHC	208-240/60/1	57	21-11/16	21	138.0	
RH2VZ3621MTANNJ	208-240/60/1	50-1/2	21-11/16	21	126.0	
RH2VZ3621MTANNJRHC	208-240/60/1	50-1/2	21-11/16	21	126.0	
RH2VZ3621STANNJ	208-240/60/1	42-1/2	21-11/16	21	103.0	
RH2VZ3621STANNJRHC	208-240/60/1	42-1/2	21-11/16	21	103.0	
RH2VZ4821STANAJ	208-240/60/1	57	21-11/16	21	140.0	
RH2VZ4821STANAJRHC	208-240/60/1	57	21-11/16	21	140.0	
RH2VZ4821STANNJ	208-240/60/1	50-1/2	21-11/16	21	128.0	
RH2VZ4821STANNJRHC	208-240/60/1	50-1/2	21-11/16	21	128.0	
RH2VZ4824STANNJ	208-240/60/1	55-1/2	21-11/16	24-1/2	142.0	
RH2VZ4824STANNJRHC	208-240/60/1	55-1/2	21-11/16	24-1/2	142.0	
RH2VZ6021STANAJ	208-240/60/1	57	21-11/16	21	140.0	



AIR HANDLER**RH2VZ Endeavor™ Line Air Handler**

SKU	Voltage	Height	Depth	Width	Weight With Coil	Price
RH2VZ6021STANAJRHC	208-240/60/1	57	21-11/16	21	140.0	
RH2VZ6024STANNJ	208-240/60/1	55-1/2	21-11/16	24-1/2	159.0	
RH2VZ6024STANNJRHC	208-240/60/1	55-1/2	21-11/16	24-1/2	159.0	



AIR HANDLER

RH2TZ Endeavor™ Line Air Handler



- Constant Torque Motor (ECM)

Limited Warranty

- Conditional Parts (Registration Required): Ten (10) Years

RH2TZ Endeavor™ Line Air Handler

FEATURES

Features and Benefits

- RH2TZ features a Constant Torque motor (ECM) which provides enhanced SEER2 performance with most Ruud outdoor units
- Versatile 4-way convertible design for upflow, downflow, horizontal left and horizontal right applications
- Factory-installed indoor coil
- Sturdy cabinet construction with 1.0 inch [25.4 mm] of foil faced insulation for excellent sound and insulating characteristics
- Field-installed auxiliary electric heater kits provide exact heat for indoor comfort. Kits include circuit breakers which meet U.L. and cUL requirements for service disconnect
- 11/2 ton [5.3 kW] through 5 ton [17.6 kW] models are between 42 1/2 to 57 inches [1080 to 1448 mm] tall and 22 inches [559 mm] deep
- All models meet or exceed 330 to 400 CFM [156 to 189 L/s] per ton at .3 inches [.7 kPa] of external static pressure
- Enhanced airflow up to .7" external static pressure
- Evaporator is constructed of aluminum fins bonded to internally grooved aluminum tubing
- Suitable for application in mobile homes
- Cabinet air leakage less than 2.0% at 1.0 inch H2O when tested in accordance with ASHRAE Standard 193

SKU	Voltage	Height	Depth	Width	Weight With Coil	Price
RH2TZ2417STANNA	115/60/1	42-1/2	21-11/16	17-1/2	92.0	
RH2TZ2417STANNJ	208-240/60/1	42-1/2	21-11/16	17-1/2	92.0	
RH2TZ3617STANNA	115/60/1	42-1/2	21-11/16	17-1/2	96.0	
RH2TZ3617STANNJ	208-240/60/1	42-1/2	21-11/16	17-1/2	96.0	
RH2TZ3621MTANAJ	208-240/60/1	57	21-11/16	21	137.0	
RH2TZ3621MTANNJ	208-240/60/1	50-1/2	21-11/16	21	126.0	
RH2TZ3621STANNA	115/60/1	42-1/2	21-11/16	21	111.0	
RH2TZ3621STANNJ	208-240/60/1	42-1/2	21-11/16	21	111.0	
RH2TZ4821STANAA	115/60/1	57	21-11/16	21	139.0	
RH2TZ4821STANAJ	208-240/60/1	57	21-11/16	21	139.0	
RH2TZ4821STANNA	115/60/1	50-1/2	21-11/16	21	128.0	
RH2TZ4821STANNJ	208-240/60/1	50-1/2	21-11/16	21	128.0	
RH2TZ4824STANNA	115/60/1	55-1/2	21-11/16	24-1/2	128.0	
RH2TZ4824STANNJ	208-240/60/1	55-1/2	21-11/16	24-1/2	128.0	
RH2TZ6021STANAA		0	0	0		
RH2TZ6021STANAJ	208-240/60/1	57	21-11/16	21	139.0	
RH2TZ6024STANNA	115/60/1	55-1/2	21-11/16	24-1/2	161.0	
RH2TZ6024STANNJ	208-240/60/1	55-1/2	21-11/16	24-1/2	161.0	



AIR HANDLER

RB2TZ



- Constant Torque Motor (ECM)
- Two Stage Airflow
- Efficiencies: 13.4 - 14.3 SEER2

Limited Warranty

- Conditional Parts (Registration Required):
Ten (10) Years

RB2TZ Endeavor™ Line Air Handlers

FEATURES

Features and Benefits

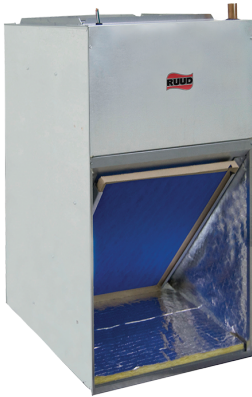
- Quiet Operation¹: Provided by a cabinet construction with 1.0 inch foil faced insulation for quieter sound characteristics
- Rugged Steel Cabinet Construction: Designed for added strength and versatility
- Compact Design and 4-Way Field Convertible Design: Stands at only 35" tall and convertible options include vertical upflow, vertical downflow, horizontal left hand or right hand air supply
- Less than 2% Cabinet Air Leakage at 1-inch H₂O: When tested in accordance with AHRAE Standard 193

SKU	Voltage	Height	Depth	Width	Weight With Coil	Price
RB2TZ2417STANMAN00	115/60/1	35	19-3/4	17-1/2	92.0	
RB2TZ2417STANMJB05	208-240/60/1	35	19-3/4	17-1/2	92.0	
RB2TZ2417STANMJB07	208-240/60/1	35	19-3/4	17-1/2	92.0	
RB2TZ3621STANMAN00	115/60/1	35	19-3/4	21	109.0	
RB2TZ3621STANMJB05	208-240/60/1	35	19-3/4	21	109.0	
RB2TZ3621STANMJB07	208-240/60/1	35	19-3/4	21	109.0	
RB2TZ3621STANMJB10	208-240/60/1	35	19-3/4	21	109.0	
RB2TZ4824STANMAN00	115/60/1	35	19-3/4	24-1/2	125.0	
RB2TZ4824STANMJB05	208-240/60/1	35	19-3/4	24-1/2	125.0	
RB2TZ4824STANMJB07	208-240/60/1	35	19-3/4	24-1/2	125.0	
RB2TZ4824STANMJB10	208-240/60/1	35	19-3/4	24	125.0	
RB2TZ6024STANMAN00	115/60/1	35	19-3/4	24	125.0	
RB2TZ6024STANMJB10	208-240/60/1	35	19-3/4	24	125.0	



AIR HANDLER

RF2TZ



- Constant Torque Motor (ECM)
- Two-Stage Airflow
- Thermal Expansion Valve (TXV)
- Efficiencies: 13.4 to 14.3 SEER2

Limited Warranty

- Conditional Parts (Registration Required): Ten (10) Years

RF2TZ Endeavor™ Line Air Handler

FEATURES

Features and Benefits

- Quiet Operation: Provided by a cabinet construction with 1.0 inch of foil faced insulation for quieter sound characteristics
- Front or Bottom Return with Aluminum Indoor Coil Design: Constructed of aluminum fins bonded to internally grooved aluminum tubing and are more corrosion resistant
- Rugged Steel Cabinet Construction: Designed for added strength and versatility
- Most Compact Unit Design Available: All Standard air handler models are only 36" [915 mm] in height

SKU	Voltage	Height	Depth	Width	Weight With Coil	Price
RF2TZ2421STANSJB03	208-240/60/1	36	17	21-1/2	95.0	
RF2TZ2421STANSJB03417	208-240/60/1	36	17	21-1/2	95.0	
RF2TZ2421STANSJB05	208-240/60/1	36	17	21-1/2	95.0	
RF2TZ2421STANSJB05417	208-240/60/1	36	17	21-1/2	95.0	
RF2TZ2421STANSJB08	208-240/60/1	36	17	21-1/2	95.0	
RF2TZ2421STANSJB08417	208-240/60/1	36	17	21-1/2	95.0	
RF2TZ2421STANSJB10	208-240/60/1	36	17	21-1/2	95.0	
RF2TZ2421STANSJB10417	208-240/60/1	36	17	21-1/2	95.0	
RF2TZ2421STANSJN00	208-240/60/1	36	17	21-1/2	95.0	
RF2TZ2421STANSJN00417	208-240/60/1	36	17	21-1/2	95.0	
RF2TZ3624STANSJB03	208-240/60/1	36	21	24	95.0	
RF2TZ3624STANSJB03417	208-240/60/1	36	21	24	95.0	
RF2TZ3624STANSJB05	208-240/60/1	36	21	24	95.0	
RF2TZ3624STANSJB05417	208-240/60/1	36	21	24	95.0	
RF2TZ3624STANSJB08	208-240/60/1	36	21	24	95.0	
RF2TZ3624STANSJB08417	208-240/60/1	36	21	24	95.0	
RF2TZ3624STANSJB10	208-240/60/1	36	21	24	95.0	
RF2TZ3624STANSJB10417	208-240/60/1	36	21	24	95.0	
RF2TZ3624STANSJN00	208-240/60/1	36	21	24	95.0	
RF2TZ3624STANSJN00417	208-240/60/1	36	21	24	95.0	



GAS FURNACES

R802V UH Endeavor™ Line Achiever Plus Series Gas Furnace

R802V UH Endeavor™ Line Achiever Plus Series Gas Furnace



- 80% A.F.U.E.
- EcoNet® Enabled
- Heating Stages: Two-Stage
- Motor Type: Constant CFM
- Input Rates: Upflow/Horizontal: 50-150 kBTU [14.7-44.0 kW]
- Configuration Options: Upflow/Horizontal

Limited Warranty

- Parts: Ten (10) Years
- Heat Exchanger: Limited Lifetime

FEATURES

Features and Benefits

- *PlusOne™* Diagnostics: With the Ruud Contractor & EcoNet® Apps, built-in EcoNet® & Bluetooth technology makes monitoring, troubleshooting and repairing the product easier than ever before
- Dip Switch Free Installation Commissioning via Bluetooth Technology: Seamless final install step without DIP switch configuration using the Ruud Contractor App
- *PlusOne™* Ignition System: Proven Direct Spark Ignition (DSI) for reliability and longevity
- Two-Stage Heating: Furnace operation mainly stays at low capacity around 60-65%, but will switch to high capacity to deliver stable heat distribution
- Constant CFM Motor: Truly variable speed technology allows for ultimate humidity control, quieter sound levels and year-round energy savings
- Quieter Operation: A fully insulated blower cabinet, solid bottom and truly variable speed airflow technology makes this furnace one of the quieter options available
- EcoNet® Enabled Furnace: The latest in sensor technology and the EcoNet® monitoring system provides a new level of protection, control and energy savings
- Allows on-the-go control and receipt of system alerts by the homeowner via the EcoNet® Smart Thermostat and EcoNet® App

SKU	Input	Output	Height	Depth	Width	Ship Weight	AFUE	Motor	Price
R802V0503A14UHNCA	50000	40000	34	29-19/32	14	110.0	80.00	ECM	
R802V0503A14UHSCA	50000	40000	34	29-19/32	14	110.0	80.00	ECM	
R802V0503A17UHNGA	50000	40000	34	29-19/32	14	110.0	80.00	ECM	
R802V0503A17UHSGA	50000	40000	34	29-19/32	14	110.0	80.00	ECM	
R802V0504A17UHNCA	50000	40000	34	29-19/32	14	110.0	80.00	ECM	
R802V0504A17UHSCA	50000	40000	34	29-19/32	14	110.0	80.00	ECM	
R802V0753A17UHNGA	75000	60000	34	29-19/32	17-1/2	125.0	80.00	ECM	
R802V0753A17UHSGA	75000	60000	34	29-19/32	17-1/2	125.0	80.00	ECM	
R802V0754A17UHNCA	75000	60000	34	29-19/32	17-1/2	125.0	80.00	ECM	
R802V0754A17UHSCA	75000	60000	34	29-19/32	17-1/2	125.0	80.00	ECM	
R802V0754A21UHNGA	75000	60000	34	29-19/32	17-1/2	125.0	80.00	ECM	
R802V0754A21UHSGA	75000	60000	34	29-19/32	17-1/2	125.0	80.00	ECM	
R802V0755A21UHNCA	75000	60000	34	29-19/32	17-1/2	125.0	80.00	ECM	
R802V0755A21UHSCA	75000	60000	34	29-19/32	17-1/2	125.0	80.00	ECM	



GAS FURNACES

R802V UH Endeavor™ Line Achiever Plus Series Gas Furnace

SKU	Input	Output	Height	Depth	Width	Ship Weight	AFUE	Motor	Price
R802V1004A17UHNCAP	100000	80000	34	29-19/32	17-1/2	125.0	80.00	ECM	
R802V1004A17UHSCAP	100000	80000	34	29-19/32	17-1/2	125.0	80.00	ECM	
R802V1005A21UHNCAP	100000	80000	34	29-19/32	21	140.0	80.00	ECM	
R802V1005A21UHNGAP	100000	80000	34	29-19/32	21	140.0	80.00	ECM	
R802V1005A21UHSCAP	100000	80000	34	29-19/32	21	140.0	80.00	ECM	
R802V1005A21UHSGAP	100000	80000	34	29-19/32	21	140.0	80.00	ECM	
R802V1255A24UHNCAP	125000	100000	34	29-19/32	24-1/2	150.0	80.00	ECM	
R802V1255A24UHNGAP	125000	100000	34	29-19/32	24-1/2	150.0	80.00	ECM	
R802V1255A24UHSCAP	125000	100000	34	29-19/32	24-1/2	150.0	80.00	ECM	
R802V1255A24UHSGAP	125000	100000	34	29-19/32	24-1/2	150.0	80.00	ECM	
R802V1505A24UHNCAP	150000	120000	34	29-19/32	24-1/2	160.0	80.00	ECM	
R802V1505A24UHSCAP	150000	120000	34	29-19/32	24-1/2	160.0	80.00	ECM	



GAS FURNACES

R801V UH Endeavor Line Achiever® Series Gas Furnace



- 80% A.F.U.E.†
- EcoNet® Enabled
- Heating Stages: Single Stage
- Motor Type: Constant CFM
- Input Rates: 50-125 kBTU [14.65-36.63 kW]
- Configuration Options: Upflow/Horizontal

Limited Warranty

- Conditional Parts (Registration Required): Ten (10) Years
- Heat Exchanger: Twenty (20) Years

R801V UH Endeavor Line Achiever Series Gas Furnace

FEATURES

Features and Benefits

- *PlusOne™* Diagnostics: With the Ruud Contractor & EcoNet Apps, built-in EcoNet & Bluetooth technology makes monitoring, troubleshooting and repairing the product easier than ever before
- Dip Switch Free Installation Commissioning via Bluetooth Technology: Seamless final install step without DIP switch configuration using the Ruud Contractor App
- *PlusOne™* Ignition System: Proven Direct Spark Ignition (DSI) for reliability and longevity
- Constant CFM Motor: Truly variable speed technology allows for ultimate humidity control, quieter sound levels and year-round energy savings
- Quieter Operation: A fully insulated blower cabinet, solid bottom and truly variable speed airflow technology makes this furnace one of the quieter options available
- EcoNet® Enabled Furnace: The latest in sensor technology and the EcoNet monitoring system provides a new level of protection, control and energy savings
- Allows on-the-go control and receipt of system alerts by the homeowner via the EcoNet Smart Thermostat and Econet App

SKU	Input	Output	Height	Depth	Width	Ship Weight	AFUE	Motor	Price
R801V0503A14UHNCAP	50000	40000	34	29-19/32	14	110.0	80.00	ECM	
R801V0503A14UHSCAP	50000	40000	34	29-19/32	14	110.0	80.00	ECM	
R801V0504A17UHNCAP	50000	40000	34	29-19/32	14	110.0	80.00	ECM	
R801V0504A17UHSCAP	50000	40000	34	29-19/32	14	110.0	80.00	ECM	
R801V0754A17UHNCAP	75000	60000	34	29-19/32	17-1/2	125.0	80.00	ECM	
R801V0754A17UHSCAP	75000	60000	34	29-19/32	17-1/2	125.0	80.00	ECM	
R801V0755A21UHNCAP	75000	60000	34	29-19/32	21	140.0	80.00	ECM	
R801V0755A21UHSCAP	75000	60000	34	29-19/32	21	140.0	80.00	ECM	
R801V1004A17UHNCAP	100000	80000	34	29-19/32	21	140.0	80.00	ECM	
R801V1004A17UHSCAP	100000	80000	34	29-19/32	21	140.0	80.00	ECM	
R801V1005A21UHNCAP	100000	80000	34	29-19/32	21	140.0	80.00	ECM	
R801V1005A21UHSCAP	100000	80000	34	29-19/32	21	140.0	80.00	ECM	
R801V1255A24UHNCAP	125000	100000	34	29-19/32	24-1/2	150.0	80.00	ECM	
R801V1255A24UHSCAP	125000	100000	34	29-19/32	24-1/2	150.0	80.00	ECM	
R801V1505A24UHNCAP			0	0	0				



GAS FURNACES

R801V UH Endeavor Line Achiever Series Gas Furnace

SKU	Input	Output	Height	Depth	Width	Ship Weight	AFUE	Motor	Price
R801V1505A24UHSCAP			0	0	0				



GAS FURNACES

R801T UH Endeavor Line Achiever® Series Gas Furnace

No Image Available

- 80% A.F.U.E.†
- Heating Stages: Single Stage
- Motor Type: Constant Torque
- Input Rates: 50-125 kBtu [14.6-36.6 kW]
- Configuration Options: Upflow/Horizontal

Limited Warranty

- Conditional Parts (Registration Required): Ten (10) Years
- Heat Exchanger: Twenty (20) Years

R801T UH Endeavor Line Achiever Series Gas Furnace

FEATURES

Features and Benefits

- *PlusOne™* Diagnostics: Industry-first, 7-segment LED for quick & easy service
- *PlusOne™* Ignition System: Proven Direct Spark Ignition (DSI) for reliability and longevity
- Low Profile, 34-inch Cabinet: Makes our furnaces ideal for space-constrained installations
- Hemmed Cabinet & Door Edges and Quarter-Turn Door Fasteners (Upflow/Horizontal only): Allows for safe, tool less access and serviceability
- Removable Heat Exchanger: Built with a primary aluminized steel and secondary stainless steel construction, provides maximum corrosion resistance, thermal fatigue reliability

SKU	Input	Output	Height	Depth	Width	Ship Weight	AFUE	Motor	Price
R801T0503A14UHNNAS	50000	40000	34	29-19/32	14	110.0	80.00	CT	
R801T0503A14UHSNAS	50000	40000	34	29-19/32	14	110.0	80.00	CT	
R801T0504A17UHNNAS	50000	40000	34	29-19/32	14	110.0	80.00	CT	
R801T0504A17UHSNAS	50000	40000	34	29-19/32	14	110.0	80.00	CT	
R801T0754A17UHNNAS	75000	60000	34	29-19/32	17-1/2	125.0	80.00	CT	
R801T0754A17UHSNAS	75000	60000	34	29-19/32	17-1/2	125.0	80.00	CT	
R801T0754A21UHNNAS	75000	60000	34	29-19/32	21	140.0	80.00	CT	
R801T0754A21UHSNAS	75000	60000	34	29-19/32	21	140.0	80.00	CT	
R801T1004A17UHNNAS	100000	80000	34	29-19/32	21	140.0	80.00	CT	
R801T1004A17UHSNAS	100000	80000	34	29-19/32	21	140.0	80.00	CT	
R801T1005A21UHNNAS	100000	80000	34	29-19/32	21	140.0	80.00	CT	
R801T1005A21UHSNAS	100000	80000	34	29-19/32	21	140.0	80.00	CT	
R801T1255A24UHNNAS	125000	100000	34	29-19/32	24-1/2	150.0	80.00	CT	
R801T1255A24UHSNAS	125000	100000	34	29-19/32	24-1/2	150.0	80.00	CT	
R801T1505A24UHNNAS	150000		34	29-19/32	24-1/2		80.00	CT	
R801T1505A24UHSNAS	150000		34	29-19/32	24-1/2		80.00	CT	



GAS FURNACES

R801T DZ Endeavor Line Achiever® Series Gas Furnace

No Image Available

- 80% A.F.U.E. - Heating Stages: Single Stage
- Motor Type: Constant Torque
- Input Rates: 50-125 kBTU [14.6-36.6 kW]
- Configuration Options: Downflow

Limited Warranty

- Conditional Parts (Registration Required): Ten (10) Years
- Heat Exchanger: Twenty (20) Years

R801T DZ Endeavor Line Achiever Series Gas Furnace

FEATURES

Features and Benefits

- *PlusOne™* Diagnostics: Industry-first, 7-segment LED for quick & easy service
- *PlusOne™* Ignition System: Proven Direct Spark Ignition (DSI) for reliability and longevity
- Low Profile, 34-inch Cabinet: Makes our furnaces ideal for space-constrained installations
- Hemmed Cabinet & Door Edges and Quarter-turn Door Fasteners (Upflow/Horizontal only): Allows for safe, tool-less access and serviceability
- Removable Heat Exchanger: Built with a primary aluminized steel and secondary stainless steel construction, provides maximum corrosion resistance, thermal fatigue reliability
- Blower Shelf Design: Ensures serviceability in all furnace orientations

SKU	Input	Output	Height	Depth	Width	Ship Weight	AFUE	Motor	Price
R801T0503A14DZNNAS	50000	40000	34-3/4	28-13/16	14	85.0	80.00	CT	
R801T0503A14DZSNAS	50000	40000	34-3/4	28-13/16	14	85.0	80.00	CT	
R801T0504A17DZNNAS	50000	40000	34-3/4	28-13/16	14	85.0	80.00	CT	
R801T0504A17DZSNAS	50000	40000	34-3/4	28-13/16	14	85.0	80.00	CT	
R801T0753A17DZNNAS	75000	60000	34-3/4	28-13/16	17-1/2	105.0	80.00	CT	
R801T0753A17DZSNAS	75000	60000	34-3/4	28-13/16	17-1/2	105.0	80.00	CT	
R801T0755A21DZNNAS	75000	60000	34-3/4	28-13/16	21	120.0	80.00	CT	
R801T0755A21DZSNAS	75000	60000	34-3/4	28-13/16	21	120.0	80.00	CT	
R801T1004A17DZNNAS	100000	80000	34-3/4	28-13/16	21	120.0	80.00	CT	
R801T1004A17DZSNAS	100000	80000	34-3/4	28-13/16	21	120.0	80.00	CT	
R801T1005A21DZNNAS	100000	80000	34-3/4	28-13/16	21	120.0	80.00	CT	
R801T1005A21DZSNAS	100000	80000	34-3/4	28-13/16	21	120.0	80.00	CT	
R801T1255A24DZNNAS	125000	100000	34-3/4	28-13/16	24-1/2	140.0	80.00	CT	
R801T1255A24DZSNAS	125000	100000	34-3/4	28-13/16	24-1/2	140.0	80.00	CT	



GAS FURNACES

No Image Available

- 80% A.F.U.E.
- Heating Stages: Single Stage
- Motor Type: Constant Torque
- Input Rates: 50-100 kBTU [14.7-29.3 kW]
- Configuration Options: Upflow/Horizontal

Limited Warranty

- Conditional Parts (Registration Required): Ten (10) Years
- Heat Exchanger: Twenty (20) Years

R801T UH ULN

FEATURES

Features and Benefits

- Ultra Low Greenhouse Gas Emissions: Certified unit meets 14ng/j NOx emission standard – reducing NOx emissions by 65%
- *PlusOne™* Diagnostics: 7 Segment LED all units
- *PlusOne™* @ Ignition System: Proven Direct Spark Ignition (DSI) for reliability and longevity
- Low profile, 34-inch Cabinet: Makes our furnaces ideal for space-constrained installations
- Hemmed Cabinet & Door Edges and Quarter-Turn Door Fasteners: Allows for safe, tool-less access and serviceability
- Removable Heat Exchanger: Aluminized steel construction provides maximum corrosion resistance and thermal fatigue reliability
- Blower Shelf Design: Ensures serviceability in all furnace orientations
- Cabinet Air Leakage less than 2%: at 1 inch H2O when tested in accordance with ASHRAE Standard 193

SKU	Input	Output	Height	Depth	Width	Ship Weight	AFUE	Motor	Price
R801T0503A17UHUNAP	50000	40000	34	29-19/32	17-1/2	125.0	80.00	CT	
R801T0504A17UHUNAP	50000	40000	34	29-19/32	17-1/2	125.0	80.00	CT	
R801T0703A17UHUNAP	70000	56000	34	29-19/32	17-1/2	125.0	80.00	CT	
R801T0704A17UHUNAP	70000	56000	34	29-19/32	17-1/2	125.0	80.00	CT	
R801T1004A21UHUNAP	100000	80000	34	29-19/32	21	140.0	80.00	CT	
R801T1005A21UHUNAP	100000	80000	34	29-19/32	21	140.0	80.00	CT	



COOLING COIL

Ruud RCFZ ENDEAVOR™ LINE Cased Cooling Coil



- Featuring Industry Standard R-410A Refrigerant
- Airflow Capacity 600-1,900 CFM [283-897 L/s]

Limited Warranty

- Conditional Parts (Registration Required): Ten (10) Years

RCFZ ENDEAVOR™ LINE COOLING COILS

FEATURES

Features and Benefits

- Ruud® Indoor Furnace cased coils and replacement uncased coils are designed for use with Ruud outdoor units and are available for vertical upflow or downflow, and horizontal left or horizontal right airflow. When matched with Ruud outdoor units, the coils provide a nominal capacity range from 18,000 BTU/HR [5.24 kW] to 60,000 BTU/HR [17.6 kW].
- Constructed of aluminum fins bonded to internally grooved aluminum tubing.
- Coils are tested at the factory with an extensive refrigerant leak check.
- Coils have copper sweat refrigerant connections.
- Feature two sets of 3/4" [19.1 mm] N.P.T. Condensate drain connections for ease of connection.
- Chatleff metering device connections, at inlet and outlet of TXV or EEV and equalizer connections (TXV only).
- Approved for system application with variety of Ruud outdoor units.
- Condensate drain pan is constructed of high grade, heat resistant, corrosion free thermal-set material.
- Compatible with Germicidal Light System (UV resistant)
- Bi-Directional airflow eliminates the need to switch any internal components from horizontal left to right.
- Unique drain pan design maximizes application flexibility and condensate removal.
- N-Coil design maximizes performance and minimizes height required at installation.
- Coils are AHRI certified for system application with a variety of Ruud outdoor units.

SKU	Cased Height	Cased Length	Cased Width	Cased Weight	Plenum	Face Area	Liquid	Suction	Price
RCFZ3617SEANMC	20-1/2	21-11/16	17-1/2	49.0	19-7/8	5.70	3/8	3/4	



PACKAGE HEAT PUMP



- Nominal Sizes: 2 to 5 Tons [7.03 to 17.6 kW]
- Cooling Efficiency: 13.4 SEER2

Limited Warranty

- Conditional Parts (Registration Required) 1 Phase, Residential Applications: Ten (10) Years
- Compressor 1 Phase, Residential Applications: Ten (10) Years 1 & 3 Phase, Commercial Applications: Five (5) Years
- Parts 1 & 3 Phase, Commercial Applications: One (1) Year

RHPA/XZR Endeavor Line Classic Series iR Packaged Heat Pump

FEATURES

Features and Benefits

- Scroll® Compressor: For maximum efficiency and quiet operation
- Louvered Condenser Compartment: Protects the coil against yard hazards
- One-piece Top with Drip Flange: Helps to keep water out of the unit
- Supply and Return Air Openings: Feature a one-inch tall flange to prevent water migration into the ductwork
- Access Panels: Easily removable and provides access to necessary components for serviceability
- Side and Down Discharge Options: Available on all models (Shipped horizontal flow standard)
- Easily Accessible Blower Section: Features a slide-out blower
- Conveniently Located Refrigerant Connections: For easy service diagnostics. Low pressure/loss of charge protection is standard on all models
- Evaporator Coils: MicroChannel evaporator coil delivers superior performance with less refrigerant charge and less weight than conventional copper tube/aluminum fin coils
- Condenser Coils: "A" cabinet condenser coil features enhanced fins for better heat transfer and rifled copper tubing for greater efficiency. "X" cabinet condenser coil uses the latest microchannel technology for the most effective method of heat transfer
- Supplemental Electric Heat Strips: Up to 15 kW are available (field or factory installed) for periods of extreme cold temperatures. Single point wiring simplifies installation
- Easily Accessible Control Box
- Thermal Expansion Valve: Is standard on all models and provides superior superheat control, reliability, and energy efficiency at all operating conditions
- Filter Drier: Is standard on all models
- Rugged baserail: Included for improved installation and handling
- Reversing Valve Directs Flow of Refrigerant: And reverses the refrigerant flow when heating is required

Model	Gross Cooling Capacity (BTU/Hr)	Nominal CFM/AHRI Rated CFM	Max. Over Protection Device	Voltage Hertz Phase	Height Inches	Length Inches	Width Inches	Weight lbs	Price
RHPAZR024AJT101NA	23800	800	25	208-230/60/1	35-5/16	52-1/2	47-1/2	360.0	
RHPAZR030AJT000NA	30000	1000	30	208-230/60/1	41	52-1/2	47-1/2	410.0	
RHPAZR036AJT000NA	35000	1200	35	208-230/60/1	41	47-1/2	52-1/2	415.0	
RHPXZR042AJT000NA	43000	1400	40	208-230/60/1	40-3/8	47-1/2	57-1/2	496.0	
RHPXZR048AJT000NA	48500	1600	50	208-230/60/1	40-3/8	47-1/2	57-1/2		
RHPXZR060AJT000NA	59500	1600	60	208-230/60/1	40-3/8	47-1/2	57-1/2	533.0	



PACKAGE AC

RACAZR Endeavor Line Classic® Series iR Packaged Air Conditioner



- Cooling Efficiency: 13.4 SEER2

Limited Warranty

- Conditional Parts (Registration Required) 1 Phase, Residential Applications: Ten (10) Years
- Compressor 1 Phase, Residential Applications: Ten (10) Years 1 & 3 Phase, Commercial Applications: Five (5) Years
- Parts 1 & 3 Phase, Commercial Applications: One (1) Year

RACAZR Endeavor Line Classic Series iR Packaged Air Conditioner

FEATURES

Features and Benefits

- All models feature Scroll® compressors for maximum efficiency and quiet operation.
- Louvered condenser compartment to protect the coil against yard hazards and/or weather extremes.
- One-piece top with a drip flange to help keep water out of the unit.
- Drawn supply and return air openings feature a one-inch tall flange to prevent water migration into the ductwork.
- Access panels have "weep holes" and channels to further help manage water run-off.
- All models are shipped ready for horizontal application.
- Easily accessible blower section complete with slide-out blower.
- Refrigerant connections are conveniently located for easy service diagnostics.
- Micro Channel evaporator and condenser delivers superior performance with less refrigerant charge and less weight than conventional copper tube/aluminum fin coils. In addition the all aluminum construction has superior protection against formicary corrosion and aluminum tube rubbing potential. It is easier to clean and has a more robust surface.
- Supplemental electric heat strips up to 15 kW are available (field installed) for periods of extreme cold temperatures. Single point wiring simplifies installation.
- Easily accessible control box.
- Thermal expansion valve standard on all models for superior superheat control, reliability, and energy efficiency at all operating conditions.
- Solid core liquid line. Filter drier standard on all models (not shown).
- Rugged baserail included for improved installation and handling.
- Molded compressor plug.
- Complete factory charged, wired and run tested.
- A double sloped evaporator coil drain pan assures all water is removed from the unit to improve indoor air quality

Model	Gross Cooling Capacity (BTU/Hr)	Nominal CFM/AHRI Rated CFM	Max. Over Protection Device	Voltage Hertz Phase	Height Inches	Length Inches	Width Inches	Weight lbs	Price
RACAZR024AJT000NA	23600	800	25	208-230/60/1	35-15/16	52-7/16	47-1/2	354.0	
RACAZR030AJT000NA	29400	1000	30	208-230/60/1	35-15/16	52-7/16	47-1/2	354.0	
RACAZR036AJT000NA	35600	1200	40	208-230/60/1	35-15/16	52-7/16	47-1/2	363.0	
RACAZR042AJT000NA	42500	1400	40	208-230/60/1	41	52-7/16	47-1/2	428.0	
RACAZR048AJT000NA	48500	1600	50	208-230/60/1	41	52-7/16	47-1/2	447.0	
RACAZR060AJT000NA	58500	2000	60	208-230/60/1	41	52-7/16	47-1/2	450.0	



PACKAGE GAS ELECTRIC

RGEAZR Endeavor Line Classic® Series iR Packaged Gas Electric



- Cooling Efficiency: 13.4 SEER2
- Nominal Sizes: 2-5 Tons [7.0-17.6 kW]

Limited Warranty

- Heat Exchanger Factory Standard: Ten (10) Years Stainless Steel/1-Phase & 3-Phase Models Commercial Application: Twenty (20) Years Stainless Steel/1-Phase Models Residential Application: Limited Lifetime
- Conditional Parts (Registration Required) 1 Phase, Residential Applications: Ten (10) Years
- Compressor 1 Phase, Residential Applications: Ten (10) Years 1 & 3 Phase, Commercial Applications: Five (5) Years
- Parts Commercial Applications: One (1) Year

RGEAZR Endeavor Line Classic Series iR Packaged Gas Electric

FEATURES

Features and Benefits

- All models feature Scroll® compressors for maximum efficiency and quiet operation.
- Louvered condenser compartment for protecting the coil against yard hazards and/or weather extremes.
- One-piece top with a drip flange to help keep water out of the unit.
- Supply and return air openings feature a one-inch tall flange to prevent water migration into the ductwork.
- Access panels have "weep holes" and channels to further help manage water run-off.
- Side and down discharge options available on all models. All models are shipped ready for horizontal application.
- Easily accessible blower section complete with slide-out blower.
- Refrigerant connections are conveniently located for easy service diagnostics.
- Micro Channel evaporator and condenser delivers superior performance with less refrigerant charge and less weight than conventional copper tube/aluminum fin coils. In addition the all aluminum construction has superior protection against formicary corrosion and aluminum tube rubbing potential. It is easier to clean and has a more robust surface.
- Inside the easily accessible furnace compartment is the draft inducer motor. This motor is specially designed for quiet reliable operation. In addition to the draft inducer motor, the in-shot gas burners and manifold efficiently regulate the flow of gas for combustion. These gas/electric units also feature direct-spark ignition and remote flame sensors for added reliability and efficiency.
- Easily accessible control box.
- Single point wiring simplifies installation.
- Our gas/electric package units feature a tubular heat exchanger design. The heat exchanger is backed by a 10 year limited warranty. Models with a stainless steel heat exchanger installed in a residential application are backed by a limited lifetime warranty.
- Thermal expansion valve standard on all models for superior superheat control, reliability, and energy efficiency at all operating conditions.
- Filter drier standard on all models (not shown).
- Rugged baserail included for improved installation and handling.
- Complete factory charged, wired and run tested.
- Molded compressor plugs.
- A double sloped evaporator coil drain pan assures all water is removed from the unit to improve indoor air quality.

Model	Gross Cooling Capacity (BTU/Hr)	Nominal CFM/AHRI Rated CFM	Max. Over Protection Device	Voltage Hertz Phase	Height Inches	Length Inches	Width Inches	Weight lbs	Price
RGEAZR024AJT041NA	23600	800	25	208-230/60/1	35-15/16	52-7/16	47-1/2	384.0	
RGEAZR030AJT061NA	29400	1000	30	208-230/60/1	35-15/16	52-7/16	47-1/2	389.0	
RGEAZR036ACT061NAAJA	35200	1200	25	208-230/60/3	35-15/16	52-7/16	47-1/2	398.0	
RGEAZR042ACT081NA	42000	1400	30	208-230/60/3	41	52-7/16	47-1/2	468.0	
RGEAZR048ACT081NA	48000	1600	35	208-230/60/3	41	52-7/16	47-1/2	487.0	



PACKAGE GAS ELECTRIC**RGEAZR Endeavor Line Classic
Series iR Packaged Gas Electric**

Model	Gross Cooling Capacity (BTU/Hr)	Nominal CFM/AHRI Rated CFM	Max. Over Protection Device	Voltage Hertz Phase	Height Inches	Length Inches	Width Inches	Weight lbs	Price
RGEAZR060ACT101NA	58000	2000	40	208-230/60/3	41	52-7/16	47-1/2	495.0	





Ruud Heating & Cooling
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Ruud manufactures residential & commercial heating, cooling & water heating products.

"In keeping with its policy of continuous progress & product improvement, Ruud reserves the right to make changes without notice."

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