FORM NO. A22-149 REV. 6
Supersedes Form No. A22-149 Rev. 5

CONDENSING UNITS

RUUD®

ACHIEVER 12® SUPER HIGH EFFICIENCY CONDENSING UNITS

Seven Models
Cooling Capacities
19,500 to 56,000 BTU/HR
[5.71 kW] to [16.41 kW]

UAMA- SERIES
Nominal Sizes 1 1/2 to 5 Tons
[5.28 kW] to [17.58 kW]

The Ruud® Achiever 12 Super High Efficiency UAMA- Condensing Unit was designed with performance in mind. These units offer comfort, energy conservation and dependability for single, multi-family and light commercial applications.

The Ruud Achiever 12 UAMA- Condensing Units are the result of an ongoing development program for improved efficiencies. With SEER's ranging to 12.4, these units continue a tradition of high efficiency.

- Attractive, louvered wrap-around jacket protects the coil from yard hazards and weather extremes. Top grille is steel reinforced for extra strength. Cabinet is powder painted for all-weather protection.
- Air is discharged upward away from bushes and shrubs. The discharge pattern of the top grille provides minimum air restriction, resulting in quiet fan operation.
- Exclusive Combination Grille/Motor Mount secures the motor to the underside of the discharge grille. The grille protects the motor windings and bearings from rain and snow.
- All controls are accessible by removing one service panel. Removable top grille provides access to the condenser fan motor and condenser coil.
- Single speed motor designed for low speed, quiet, energy-saving operation.

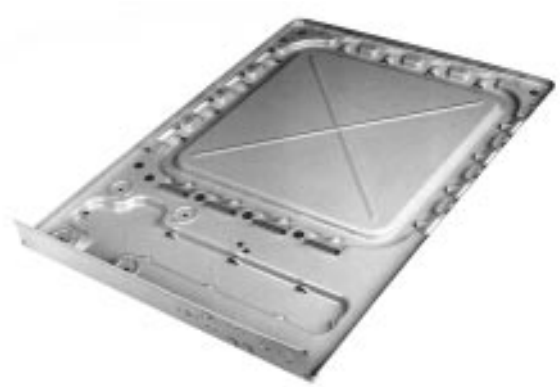
energy
EPA POLLUTION PREVENTER

Scroll Inside

Accredited by the Dutch Council for Certification
AES Quality Evaluations, Inc. Quality Assurance Certification
REGISTRAR ACCREDITATION BOARD
ISO 9002
Certificate Number: 30164

"CERTIFIED UNDER THE A.R.I. CERTIFICATION PROGRAM—A.R.I. STANDARD 210"

All controls and compressor are accessible for servicing by removal of the service panel.



Drawn Painted Base Pan.

Engineering Features

UAMA- Series Condensing Units

1. Scroll compressor is hermetically sealed and incorporates internal high temperature motor overload protection, and durable insulation on the motor windings. It is externally mounted on rubber grommets to reduce vibration and noise.
2. Compressors have an internal pressure relief assembly to protect against excessive pressure differential.
3. All refrigerant connections are on the exterior of the unit, located close to the ground for neat appearing installations.
4. Cabinet is constructed of powder painted galvanized steel. The full wraparound louvered grille protects the coil from damage.
5. Copper Tube—Aluminum Fin coils are used on all models.
6. The control box is located in the top corner of the cabinet providing for easy access through a service panel.
7. Service valves are standard on all models.
8. Power and control wiring are kept separate.
9. Every unit is factory charged and tested.
10. Separate compressor compartment for easy service access.
11. Drawn, painted base pan for extra corrosion resistance and sound reduction.
12. **UAMA----JAZ/JBZ Series** has a **10 year compressor limited warranty.** The JAZ Series also has factory installed low pressure control, high pressure control and a liquid line filter drier.

Field Installed Accessories

- **Compressor Time Delay Control**—Compressor will remain off for five minutes after power or thermostat interruption, allowing system pressures to equalize. (Model No. RXMD-B01)
- **Low Ambient Switch**—Cycles outdoor fan to maintain adequate condensing pressures assuring liquid refrigerant flow to the coil. Allows indoor cooling with outdoor temperatures down to 0°F [–17.8°C]. (Model No. RXAD-A04)

  It is recommended that this control be installed in units to be operated at outdoor ambient temperatures under 65°F [18°C].

COPELAND® COMPLIANT SCROLL®

Copeland's new scroll compressor is the key to efficiency for this Ruud model. It's the latest in high-efficiency compressor technology. The advanced compliant scroll compressor offers low noise and vibration characteristics and features tolerance to liquid refrigerant and system contamination. The Copeland Compliant Scroll also has low start torque, eliminating start problems in the field. And its unique design enables the UAMA- condensing unit to perform efficiently, quietly and reliably.

Model Number Identification

U	A	M	A	—	024	J	A*	Z
RUUD	CONDENSING UNIT	TYPE–M 12 SEER	DESIGN SERIES		NOMINAL COOLING CAPACITY	ELECTRICAL DESIGNATION	VARIATIONS	COMPRESSOR TYPE

018 = 18,000 BTU/HR [5.28 kW]
024 = 24,000 BTU/HR [7.03 kW]
030 = 30,000 BTU/HR [8.79 kW]
036 = 36,000 BTU/HR [10.55 kW]
042 = 42,000 BTU/HR [12.31 kW]
048 = 48,000 BTU/HR [14.07 kW]
060 = 60,000 BTU/HR [17.58 kW]

J = 208/230-1-60

A = DELUXE MODEL
B = BUILDER MODEL

Z = COPELAND ZR COMPLIANT SCROLL COMPRESSOR

*See Engineering Feature #12.

[ ] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					ARI Sound Rating ①	Indoor CFM [L/s]
Outdoor Unit UAMA-	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
018JAZ	RCBA-24**+RXCT-BCA	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.10	12.00	7.6	600 [285]
	RCBA-24**+RXCT-BCA (UBEA-14)	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.30	12.40	7.6	600 [285]
	RCBA-24**+RXCT-BCA (UBHA-14)	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.30	12.40	7.6	600 [285]
	RCBA-2453	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.10	11.50	7.6	600 [285]
	RCBA-2453 (UBEA-14)	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.45	11.90	7.6	600 [285]
	RCBA-2453 (UBHA-14)	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.45	11.90	7.6	600 [285]
	RCGA-24A1 ②	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.10	12.00	7.6	600 [285]
	RCGA-24A1 (UBEA-14)	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.30	12.40	7.6	600 [285]
	RCGA-24A1 (UBHA-14)	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.30	12.40	7.6	600 [285]
	RCGA-24A1 (UGLH-05?BMK?)	19,200 [5.64]	13,400 [3.93]	5,800 [1.71]	12.45	13.70	7.6	600 [285]
	RCGA-24A1 (UGLH-07?BRK?)	19,200 [5.64]	13,400 [3.93]	5,800 [1.71]	12.50	13.80	7.6	600 [285]
	RCGA-24A1 (UGPH-05?BMK?)	19,200 [5.64]	13,400 [3.93]	5,800 [1.71]	12.45	13.70	7.6	600 [285]
	RCGA-24A1 (UGPH-07?BRK?)	19,200 [5.64]	13,400 [3.93]	5,800 [1.71]	12.50	13.80	7.6	600 [285]
	RCHA-24A1	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.10	12.00	7.6	600 [285]
	RCHA-24A1 (UBEA-14)	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.30	12.40	7.6	600 [285]
	RCHA-24A1 (UBHA-14)	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.30	12.40	7.6	600 [285]
	RCTB-A024	19,000 [5.58]	13,640 [3.99]	5,360 [1.59]	11.35	12.00	7.6	600 [285]
	RCTB-A024 (UHQA-08)	19,200 [5.64]	13,840 [4.05]	5,360 [1.59]	12.10	12.60	7.6	600 [285]
018JBZ	RCBA-24**+RXCT-BCA	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.10	12.00	7.8	600 [285]
	RCBA-24**+RXCT-BCA (UBEA-14)	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.30	12.40	7.8	600 [285]
	RCBA-24**+RXCT-BCA (UBHA-14)	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.30	12.40	7.8	600 [285]
	RCBA-2453	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.10	11.50	7.8	600 [285]
	RCBA-2453 (UBEA-14)	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.45	11.90	7.8	600 [285]
	RCBA-2453 (UBHA-14)	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.45	11.90	7.8	600 [285]
	RCGA-24A1 ②	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.10	12.00	7.8	600 [285]
	RCGA-24A1 (UBEA-14)	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.30	12.40	7.8	600 [285]
	RCGA-24A1 (UBHA-14)	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.30	12.40	7.8	600 [285]
	RCGA-24A1 (UGLH-05?BMK?)	19,200 [5.64]	13,400 [3.93]	5,800 [1.71]	12.45	13.70	7.8	600 [285]
	RCGA-24A1 (UGLH-07?BRK?)	19,200 [5.64]	13,400 [3.93]	5,800 [1.71]	12.50	13.80	7.8	600 [285]
	RCGA-24A1 (UGPH-05?BMK?)	19,200 [5.64]	13,400 [3.93]	5,800 [1.71]	12.45	13.70	7.8	600 [285]
	RCGA-24A1 (UGPH-07?BRK?)	19,200 [5.64]	13,400 [3.93]	5,800 [1.71]	12.50	13.80	7.8	600 [285]
	RCHA-24A1	18,800 [5.52]	13,000 [3.81]	5,800 [1.71]	11.10	12.00	7.8	600 [285]
	RCHA-24A1 (UBEA-14)	18,800 [5.52]	13.000 [3.81]	5,800 [1.71]	11.30	12.40	7.8	600 [285]
	RCHA-24A1 (UBHA-14)	18,800 [5.52]	13.000 [3.81]	5,800 [1.71]	11.30	12.40	7.8	600 [285]
	RCTB-A024	19,000 [5.58]	13,640 [3.99]	5,360 [1.59]	11.35	12.00	7.8	600 [285]
	RCTB-A024 (UHQA-08)	19,200 [5.64]	13,840 [4.05]	5,360 [1.59]	12.10	12.60	7.8	600 [285]
024JAZ	RCBA-24**+RXCT-BCB	22,400 [6.54]	15,200 [4.44]	7,200 [2.10]	10.70	12.00	7.6	800 [380]
	RCBA-24**+RXCT-BCB (UBEA-14)	22,600 [6.60]	15,400 [4.50]	7,200 [2.10]	11.10	12.40	7.6	800 [380]
	RCBA-24**+RXCT-BCB (UBHA-14)	22,600 [6.60]	15,400 [4.50]	7,200 [2.10]	11.10	12.40	7.6	800 [380]
	RCBA-2457	22,400 [6.54]	15,232 [4.47]	7,168 [2.07]	10.70	11.50	7.6	800 [380]
	RCBA-2457 (UBEA-14)	22,400 [6.54]	15,232 [4.47]	7,168 [2.07]	11.05	11.90	7.6	800 [380]
	RCBA-2457 (UBHA-14)	22,400 [6.54]	15,232 [4.47]	7,168 [2.07]	11.05	11.90	7.6	800 [380]
	RCGA-24A2 ②	22,400 [6.54]	15,200 [4.44]	7,200 [2.10]	10.70	12.00	7.6	800 [380]
	RCGA-24A2 (UBEA-14)	22,600 [6.60]	15,400 [4.50]	7,200 [2.10]	11.10	12.40	7.6	800 [380]
	RCGA-24A2 (UBHA-14)	22,600 [6.60]	15,400 [4.50]	7,200 [2.10]	11.10	12.40	7.6	800 [380]
	RCGA-24A2 (UGLH-05?BMK?)	22,600 [6.60]	15,200 [4.44]	7,400 [2.16]	11.50	13.30	7.6	800 [380]
	RCGA-24A2 (UGLH-07?BRK?)	22,600 [6.60]	15,200 [4.44]	7,400 [2.16]	11.70	13.50	7.6	800 [380]
	RCGA-24A2 (UGPH-05?BMK?)	22,600 [6.60]	15,200 [4.44]	7,400 [2.16]	11.50	13.30	7.6	800 [380]
	RCGA-24A2 (UGPH-07?BRK?)	22,600 [6.60]	15,200 [4.44]	7,400 [2.16]	11.70	13.50	7.6	800 [380]
	RCHA-24A2	22,400 [6.54]	15,200 [4.44]	7,200 [2.10]	10.70	12.00	7.6	800 [380]
	RCHA-24A2 (UBEA-14)	22,600 [6.60]	15,400 [4.50]	7,200 [2.10]	11.10	12.40	7.6	800 [380]
	RCHA-24A2 (UBHA-14)	22,600 [6.60]	15,400 [4.50]	7,200 [2.10]	11.10	12.40	7.6	800 [380]
	RCLB-A024	22,800 [6.66]	15,504 [4.53]	7,296 [2.13]	11.00	11.00	7.6	800 [380]
	RCLB-A024 (UHQA-08)	23,200 [6.78]	15,904 [4.65]	7,296 [2.13]	11.75	11.50	7.6	800 [380]
	RCTB-A024	22,600 [6.60]	15,368 [4.50]	7,232 [2.10]	11.00	12.00	7.6	800 [380]
	RCTB-A024 (UHQA-08)	23,000 [6.72]	15,768 [4.62]	7,232 [2.10]	11.75	13.00	7.6	800 [380]
	RCTH-A024	23,000 [6.72]	15,640 [4.59]	7,360 [2.13]	11.05	12.00	7.6	800 [380]

① Sound rating in accordance with ARI Standard 270.

② Highest sales volume tested combination required by D.O.E. test procedures.

[ ] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling (continued)

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					ARI Sound Rating ①	Indoor CFM [L/s]
Outdoor Unit UAMA-	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
024JBZ	RCBA-24**+RXCT-BCB	22,400 [6.54]	15,200 [4.44]	7,200 [2.10]	10.70	12.00	7.8	800 [380]
	RCBA-24**+RXCT-BCB (UBEA-14)	22,600 [6.60]	15,400 [4.50]	7,200 [2.10]	11.10	12.40	7.8	800 [380]
	RCBA-24**+RXCT-BCB (UBHA-14)	22,600 [6.60]	15,400 [4.50]	7,200 [2.10]	11.10	12.40	7.8	800 [380]
	RCBA-2457	22,400 [6.54]	15,232 [4.47]	7,168 [2.07]	10.70	11.50	7.8	800 [380]
	RCBA-2457 (UBEA-14)	22,400 [6.54]	15,232 [4.47]	7,168 [2.07]	11.05	11.90	7.8	800 [380]
	RCBA-2457 (UBHA-14)	22,400 [6.54]	15,232 [4.47]	7,168 [2.07]	11.05	11.90	7.8	800 [380]
	RCGA-24A2 ②	22,400 [6.54]	15,200 [4.44]	7,200 [2.10]	10.70	12.00	7.8	800 [380]
	RCGA-24A2 (UBEA-14)	22,600 [6.60]	15,400 [4.50]	7,200 [2.10]	11.10	12.40	7.8	800 [380]
	RCGA-24A2 (UBHA-14)	22,600 [6.60]	15,400 [4.50]	7,200 [2.10]	11.10	12.40	7.8	800 [380]
	RCGA-24A2 (UGLH-05?BMK?)	22,600 [6.60]	15,200 [4.44]	7,400 [2.16]	11.50	13.30	7.8	800 [380]
	RCGA-24A2 (UGLH-07?BRK?)	22,600 [6.60]	15,200 [4.44]	7,400 [2.16]	11.70	13.50	7.8	800 [380]
	RCGA-24A2 (UGPH-05?BMK?)	22,600 [6.60]	15,200 [4.44]	7,400 [2.16]	11.50	13.30	7.8	800 [380]
	RCGA-24A2 (UGPH-07?BRK?)	22,600 [6.60]	15,200 [4.44]	7,400 [2.16]	11.70	13.50	7.8	800 [380]
	RCHA-24A2	22,400 [6.54]	15,200 [4.44]	7,200 [2.10]	10.70	12.00	7.8	800 [380]
	RCHA-24A2 (UBEA-14)	22,600 [6.60]	15,400 [4.50]	7,200 [2.10]	11.10	12.40	7.8	800 [380]
	RCHA-24A2 (UBHA-14)	22,600 [6.60]	15,400 [4.50]	7,200 [2.10]	11.10	12.40	7.8	800 [380]
	RCLB-A024	22,800 [6.66]	15,504 [4.53]	7,296 [2.13]	11.00	11.00	7.8	800 [380]
	RCLB-A024 (UHQA-08)	23,200 [6.78]	15,904 [4.65]	7,296 [2.13]	11.75	11.50	7.8	800 [380]
	RCTB-A024	22,600 [6.60]	15,368 [4.50]	7,232 [2.10]	11.00	12.00	7.8	800 [380]
	RCTB-A024 (UHQA-08)	23,000 [6.72]	15,768 [4.62]	7,232 [2.10]	11.75	13.00	7.8	800 [380]
	RCTH-A024	23,000 [6.72]	15,640 [4.59]	7,360 [2.13]	11.05	12.00	7.8	800 [380]
030JAZ	RCBA-36**+RXCT-BCC	29,400 [8.64]	22,000 [6.42]	7,400 [2.22]	11.15	12.00	7.2	1,000 [470]
	RCBA-36**+RXCT-BCC (UBEA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.40	7.2	1,000 [470]
	RCBA-36**+RXCT-BCC (UBHA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.40	7.2	1,000 [470]
	RCBA-37**+RXCT-BCC	29,400 [8.64]	22,000 [6.42]	7,400 [2.22]	11.15	12.00	7.2	1,000 [470]
	RCBA-37**+RXCT-BCC (UBEA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.40	7.2	1,000 [470]
	RCBA-37**+RXCT-BCC+RXMD-C02 (UBEA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.50	7.2	1,000 [470]
	RCBA-37**+RXCT-BCC (UBHA-17)	29,600 [8.70]	22,000 [6.48]	7,400 [2.22]	11.60	12.40	7.2	1,000 [470]
	RCBA-37**+RXCT-BCC+RXMD-C02 (UBHA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.50	7.2	1,000 [470]
	RCBA-3765	29,400 [8.64]	22,000 [6.42]	7,400 [2.22]	11.15	11.50	7.2	1,000 [470]
	RCBA-3765 (UBEA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.45	11.90	7.2	1,000 [470]
	RCBA-3765 (UBHA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.45	11.90	7.2	1,000 [470]
	RCGA-37A1 ②	29,400 [8.64]	22,000 [6.42]	7,400 [2.22]	11.15	12.00	7.2	1,000 [470]
	RCGA-37A1 (UBEA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.40	7.2	1,000 [470]
	RCGA-37A1 (UBHA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.40	7.2	1,000 [470]
	RCGA-37A1 (UGLH-05?BMK?)	29,600 [8.70]	20,000 [5.88]	9,600 [2.82]	11.70	13.00	7.2	1,000 [470]
	RCGA-37A1 (UGLH-07?BRK?)	29,800 [8.76]	20,200 [5.94]	9,600 [2.82]	11.85	13.30	7.2	1,000 [470]
	RCGA-37A1 (UGPH-05?BMK?)	29,600 [8.70]	20,000 [5.88]	9,600 [2.82]	11.70	13.00	7.2	1,000 [470]
	RCGA-37A1 (UGPH-07?BRK?)	29,800 [8.76]	20,200 [5.94]	9,600 [2.82]	11.85	13.30	7.2	1,000 [470]
	RCGA-37A1+RXMD-C02 (UBEA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.50	7.2	1,000 [470]
	RCGA-37A1+RXMD-C02 (UBHA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.50	7.2	1,000 [470]
	RCHA-36A1	29,400 [8.64]	22,000 [6.42]	7,400 [2.22]	11.15	12.00	7.2	1,000 [470]
	RCHA-36A1 (UBEA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.40	7.2	1,000 [470]
	RCHA-36A1 (UBHA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.40	7.2	1,000 [470]
	RCHA-36A1+RXMD-C02 (UBEA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.50	7.2	1,000 [470]
	RCHA-36A1+RXMD-C02 (UBHA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.50	7.2	1,000 [470]
	RCLB-A030	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.35	11.00	7.2	1,000 [470]
	RCLB-A030 (UHQA-13)	29,800 [8.76]	22,400 [6.54]	7,400 [2.22]	11.60	11.40	7.2	1,000 [470]
	RCTB-A036	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.30	12.15	7.2	1,000 [470]
	RCTB-A036 (UHQA-13)	29,800 [8.76]	22,400 [6.54]	7,400 [2.22]	11.65	12.55	7.2	1,000 [470]
	RCTH-A036	29,800 [8.76]	22,400 [6.54]	7,400 [2.22]	11.30	12.10	7.2	1,000 [470]
030JBZ	RCBA-36**+RXCT-BCC	29,400 [8.64]	22,000 [6.42]	7,400 [2.22]	11.15	12.00	7.4	1,000 [470]
	RCBA-36**+RXCT-BCC (UBEA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.40	7.4	1,000 [470]
	RCBA-36**+RXCT-BCC (UBHA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.40	7.4	1,000 [470]
	RCBA-37**+RXCT-BCC	29,400 [8.64]	22,000 [6.42]	7,400 [2.22]	11.15	12.00	7.4	1,000 [470]
	RCBA-37**+RXCT-BCC (UBEA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.40	7.4	1,000 [470]
	RCBA-37**+RXCT-BCC+RXMD-C02 (UBEA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.50	7.4	1,000 [470]
	RCBA-37**+RXCT-BCC (UBHA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.40	7.4	1,000 [470]
	RCBA-37**+RXCT-BCC+RXMD-C02 (UBHA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.50	7.4	1,000 [470]
	RCBA-3765	29,400 [8.64]	22,000 [6.42]	7,400 [2.22]	11.15	11.50	7.4	1,000 [470]

① Sound rating in accordance with ARI Standard 270.
② Highest sales volume tested combination required by D.O.E. test procedures.

[ ] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling (continued)

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					ARI Sound Rating ①	Indoor CFM [L/s]
Outdoor Unit UAMA-	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
030JBZ	RCBA-3765 (UBEA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.45	11.90	7.4	1,000 [470]
	RCBA-3765 (UBHA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.45	11.90	7.4	1,000 [470]
	RCGA-37A1 ②	29,400 [8.64]	22,000 [6.42]	7,400 [2.22]	11.15	12.00	7.4	1,000 [470]
	RCGA-37A1 (UBEA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.40	7.4	1,000 [470]
	RCGA-37A1 (UBHA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.40	7.4	1,000 [470]
	RCGA-37A1 (UGLH-05?BMK?)	29,600 [8.70]	20,000 [5.88]	9,600 [2.82]	11.70	13.00	7.4	1,000 [470]
	RCGA-37A1 (UGLH-07?BRK?)	29,800 [8.76]	20,200 [5.94]	9,600 [2.82]	11.85	13.30	7.4	1,000 [470]
	RCGA-37A1 (UGPH-05?BMK?)	29,600 [8.70]	20,000 [5.88]	9,600 [2.82]	11.70	13.00	7.4	1,000 [470]
	RCGA-37A1 (UGPH-07?BRK?)	29,800 [8.76]	20,200 [5.94]	9,600 [2.82]	11.85	13.30	7.4	1,000 [470]
	RCGA-37A1+RXMD-C02 (UBEA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.50	7.4	1,000 [470]
	RCGA-37A1+RXMD-C02 (UBHA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.50	7.4	1,000 [470]
	RCHA-36A1	29,400 [8.64]	22,000 [6.42]	7,400 [2.22]	11.15	12.00	7.4	1,000 [470]
	RCHA-36A1 (UBEA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.40	7.4	1,000 [470]
	RCHA-36A1 (UBHA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.40	7.4	1,000 [470]
	RCHA-36A1+RXMD-C02 (UBEA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.50	7.4	1,000 [470]
	RCHA-36A1+RXMD-C02 (UBHA-17)	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.60	12.50	7.4	1,000 [470]
	RCLB-A030	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.35	11.00	7.4	1,000 [470]
	RCLB-A030 (UHQA-13)	29,800 [8.76]	22,400 [6.54]	7,400 [2.22]	11.60	11.40	7.4	1,000 [470]
	RCTB-A036	29,600 [8.70]	22,200 [6.48]	7,400 [2.22]	11.30	12.15	7.4	1,000 [470]
	RCTB-A036 (UHQA-13)	29,800 [8.76]	22,400 [6.54]	7,400 [2.22]	11.65	12.55	7.4	1,000 [470]
	RCTH-A036	29,800 [8.76]	22,400 [6.54]	7,400 [2.22]	11.30	12.10	7.4	1,000 [470]
036JAZ	RCBA-36**+RXCT-BCD	34,200 [10.02]	25,600 [7.50]	8,600 [2.52]	10.85	12.00	7.2	1,200 [565]
	RCBA-36**+RXCT-BCD (UBEA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.30	12.40	7.2	1,200 [565]
	RCBA-36**+RXCT-BCD (UBHA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.30	12.40	7.2	1,200 [565]
	RCBA-3673	34,200 [10.02]	25,600 [7.50]	8,600 [2.52]	10.85	11.50	7.2	1,200 [565]
	RCBA-3673 (UBEA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.25	11.90	7.2	1,200 [565]
	RCBA-3673 (UBHA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.25	11.90	7.2	1,200 [565]
	RCBA-37**+RXCT-BCD	34,200 [10.02]	25,600 [7.50]	8,600 [2.52]	10.85	12.00	7.2	1,200 [565]
	RCBA-37**+RXCT-BCD (UBEA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.30	12.40	7.2	1,200 [565]
	RCBA-37**+RXCT-BCD (UBHA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.30	12.40	7.2	1,200 [565]
	RCGA-36A2 ②	34,200 [10.02]	25,600 [7.50]	8,600 [2.52]	10.85	12.00	7.2	1,200 [565]
	RCGA-36A2 (UBEA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.30	12.40	7.2	1,200 [565]
	RCGA-36A2 (UBHA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.30	12.40	7.2	1,200 [565]
	RCGA-36A2 (UGLH-05?BMK?)	34,600 [10.14]	24,400 [7.14]	10,200 [3.00]	11.30	12.90	7.2	1,200 [565]
	RCGA-36A2 (UGLH-05?BMM?)	34,600 [10.14]	24,400 [7.14]	10,200 [3.00]	11.30	12.90	7.2	1,200 [565]
	RCGA-36A2 (UGLH-07?BRK?)	34,800 [10.20]	24,600 [7.20]	10,200 [3.00]	11.45	13.10	7.2	1,200 [565]
	RCGA-36A2 (UGLH-07?BRM?)	34,800 [10.20]	24,600 [7.20]	10,200 [3.00]	11.45	13.10	7.2	1,200 [565]
	RCGA-36A2 (UGLH-10?BRK?)	34,600 [10.14]	24,400 [7.14]	10,200 [3.00]	11.20	12.80	7.2	1,200 [565]
	RCGA-36A2 (UGLH-10?BRM?)	34,600 [10.14]	24,400 [7.14]	10,200 [3.00]	11.20	12.80	7.2	1,200 [565]
	RCGA-36A2 (UGPH-05?BMK?)	34,600 [10.14]	24,400 [7.14]	10,200 [3.00]	11.30	12.90	7.2	1,200 [565]
	RCGA-36A2 (UGPH-05?BMM?)	34,600 [10.14]	24,400 [7.14]	10,200 [3.00]	11.30	12.90	7.2	1,200 [565]
	RCGA-36A2 (UGPH-07?BRK?)	34,800 [10.20]	24,600 [7.20]	10,200 [3.00]	11.45	13.10	7.2	1,200 [565]
	RCGA-36A2 (UGPH-07?BRM?)	34,800 [10.20]	24,600 [7.20]	10,200 [3.00]	11.45	13.10	7.2	1,200 [565]
	RCGA-36A2 (UGPH-10?BRK?)	34,600 [10.14]	24,400 [7.14]	10,200 [3.00]	11.20	12.80	7.2	1,200 [565]
	RCGA-36A2 (UGPH-10?BRM?)	34,600 [10.14]	24,400 [7.14]	10,200 [3.00]	11.20	12.80	7.2	1,200 [565]
	RCHA-36A1	34,200 [10.02]	25,600 [7.50]	8,600 [2.52]	10.85	12.00	7.2	1,200 [565]
	RCHA-36A1 (UBEA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.30	12.40	7.2	1,200 [565]
	RCHA-36A1 (UBHA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.30	12.40	7.2	1,200 [565]
	RCLB-A036	34,600 [10.14]	26,600 [7.80]	8,000 [2.34]	10.95	11.40	7.2	1,200 [565]
	RCLB-A036 (UHQA-13)	34,600 [10.14]	26,600 [7.80]	8,000 [2.34]	11.00	11.50	7.2	1,200 [565]
	RCTB-A036	34,600 [10.14]	26,600 [7.80]	8,000 [2.34]	10.95	12.00	7.2	1,200 [565]
	RCTB-A036 (UHQA-13)	34,600 [10.14]	26,600 [7.80]	8,000 [2.34]	10.95	12.10	7.2	1,200 [565]
	RCTB-A037	35,600 [10.44]	27,600 [8.10]	8,000 [2.34]	11.15	12.40	7.2	1,200 [565]
	RCTB-A037 (UHQA-16)	35,800 [10.50]	27,800 [8.16]	8,000 [2.34]	11.50	12.50	7.2	1,340 [630]
	RCTH-A036	34,800 [10.20]	26,100 [7.62]	8,700 [2.58]	10.90	12.00	7.2	1,200 [565]
036JBZ	RCBA-36**+RXCT-BCD	34,200 [10.02]	25,600 [7.50]	8,600 [2.52]	10.85	12.00	7.4	1,200 [565]
	RCBA-36**+RXCT-BCD (UBEA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.30	12.40	7.4	1,200 [565]
	RCBA-36**+RXCT-BCD (UBHA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.30	12.40	7.4	1,200 [565]
	RCBA-3673	34,200 [10.02]	25,600 [7.50]	8,600 [2.52]	10.85	11.50	7.4	1,200 [565]
	RCBA-3673 (UBEA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.25	11.90	7.4	1,200 [565]

① Sound rating in accordance with ARI Standard 270.
② Highest sales volume tested combination required by D.O.E. test procedures.

[ ] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling (continued)

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					ARI Sound Rating ①	Indoor CFM [L/s]
Outdoor Unit UAMA-	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
036JBZ	RCBA-3673 (UBHA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.25	11.90	7.4	1,200 [565]
	RCBA-37**+RXCT-BCD	34,200 [10.02]	25,600 [7.50]	8,600 [2.52]	10.85	12.00	7.4	1,200 [565]
	RCBA-37**+RXCT-BCD (UBEA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.30	12.40	7.4	1,200 [565]
	RCBA-37**+RXCT-BCD (UBHA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.30	12.40	7.4	1,200 [565]
	RCGA-36A2 ②	34,200 [10.02]	25,600 [7.50]	8,600 [2.52]	10.85	12.00	7.4	1,200 [565]
	RCGA-36A2 (UBEA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.30	12.40	7.4	1,200 [565]
	RCGA-36A2 (UBHA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.30	12.40	7.4	1,200 [565]
	RCGA-36A2 (UGLH-05?BMK?)	34,600 [10.14]	24,400 [7.14]	10,200 [3.00]	11.30	12.90	7.4	1,200 [565]
	RCGA-36A2 (UGLH-05?BMM?)	34,600 [10.14]	24,400 [7.14]	10,200 [3.00]	11.30	12.90	7.4	1,200 [565]
	RCGA-36A2 (UGLH-07?BRK?)	34,800 [10.20]	24,600 [7.20]	10,200 [3.00]	11.45	13.10	7.4	1,200 [565]
	RCGA-36A2 (UGLH-07?BRM?)	34,800 [10.20]	24,600 [7.20]	10,200 [3.00]	11.45	13.10	7.4	1,200 [565]
	RCGA-36A2 (UGLH-10?BRK?)	34,600 [10.14]	24,400 [7.14]	10,200 [3.00]	11.20	12.80	7.4	1,200 [565]
	RCGA-36A2 (UGLH-10?BRM?)	34,600 [10.14]	24,400 [7.14]	10,200 [3.00]	11.20	12.80	7.4	1,200 [565]
	RCGA-36A2 (UGPH-05?BMK?)	34,600 [10.14]	24,400 [7.14]	10,200 [3.00]	11.30	12.90	7.4	1,200 [565]
	RCGA-36A2 (UGPH-05?BMM?)	34,600 [10.14]	24,400 [7.14]	10,200 [3.00]	11.30	12.90	7.4	1,200 [565]
	RCGA-36A2 (UGPH-07?BRK?)	34,800 [10.20]	24,600 [7.20]	10,200 [3.00]	11.45	13.10	7.4	1,200 [565]
	RCGA-36A2 (UGPH-07?BRM?)	34,800 [10.20]	24,600 [7.20]	10,200 [3.00]	11.45	13.10	7.4	1,200 [565]
	RCGA-36A2 (UGPH-10?BRK?)	34,600 [10.14]	24,400 [7.14]	10,200 [3.00]	11.20	12.80	7.4	1,200 [565]
	RCGA-36A2 (UGPH-10?BRM?)	34,600 [10.14]	24,400 [7.14]	10,200 [3.00]	11.20	12.80	7.4	1,200 [565]
	RCHA-36A1	34,200 [10.02]	25,600 [7.50]	8,600 [2.52]	10.85	12.00	7.4	1,200 [565]
	RCHA-36A1 (UBEA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.30	12.40	7.4	1,200 [565]
	RCHA-36A1 (UBHA-17)	34,400 [10.08]	25,800 [7.56]	8,600 [2.52]	11.30	12.40	7.4	1,200 [565]
	RCLB-A036	34,600 [10.14]	26,600 [7.80]	8,000 [2.34]	10.95	11.40	7.4	1,200 [565]
	RCLB-A036 (UHQA-13)	34,600 [10.14]	26,600 [7.80]	8,000 [2.34]	11.00	11.50	7.4	1,200 [565]
	RCTB-A036	34,600 [10.14]	26,600 [7.80]	8,000 [2.34]	10.95	12.00	7.4	1,200 [565]
	RCTB-A036 (UHQA-13)	34,600 [10.14]	26,600 [7.80]	8,000 [2.34]	10.95	12.10	7.4	1,200 [565]
	RCTB-A037	35,600 [10.44]	27,600 [8.10]	8,000 [2.34]	11.15	12.40	7.4	1,200 [565]
	RCTB-A037 (UHQA-16)	35,800 [10.50]	27,800 [8.16]	8,000 [2.34]	11.50	12.50	7.4	1,340 [630]
	RCTH-A036	34,800 [10.20]	26,100 [7.62]	8,700 [2.58]	10.90	12.00	7.4	1,200 [565]
042JAZ/JBZ	RCBA-48**+RXCT-BCE	40,000 [11.70]	29,800 [8.76]	10,200 [2.94]	10.85	12.00	8.0	1,400 [660]
	RCBA-48**+RXCT-BCE (UBEA-21)	40,000 [11.70]	29,800 [8.76]	10,200 [2.94]	11.20	12.40	8.0	1,400 [660]
	RCBA-48**+RXCT-BCE (UBHA-21)	40,000 [11.70]	29,800 [8.76]	10,200 [2.94]	11.20	12.40	8.0	1,400 [660]
	RCBA-4878	39,500 [11.55]	29,300 [8.58]	10,200 [2.94]	10.85	11.50	8.0	1,400 [660]
	RCBA-4878 (UBEA-21)	40,000 [11.70]	29,800 [8.76]	10,200 [2.94]	11.20	11.90	8.0	1,400 [660]
	RCBA-4878 (UBHA-21)	40,000 [11.70]	29,800 [8.76]	10,200 [2.94]	11.20	11.90	8.0	1,400 [660]
	RCGA-48A1 ②	40,000 [11.70]	29,800 [8.76]	10,200 [2.94]	10.85	12.00	8.0	1,400 [660]
	RCGA-48A1 (UBEA-21)	40,000 [11.70]	29,800 [8.76]	10,200 [2.94]	11.20	12.40	8.0	1,400 [660]
	RCGA-48A1 (UBHA-21)	40,000 [11.70]	29,800 [8.76]	10,200 [2.94]	11.20	12.40	8.0	1,400 [660]
	RCGA-48A1 (UGLH-07?BRM?)	42,000 [12.30]	27,800 [8.16]	14,200 [4.16]	11.60	13.00	8.0	1,320 [625]
	RCGA-48A1 (UGLH-10?BRM?)	42,000 [12.30]	27,000 [7.92]	15,000 [4.38]	11.40	12.60	8.0	1,400 [660]
	RCGA-48A1 (UGLH-12?BRM?)	42,500 [12.45]	28,300 [8.28]	14,200 [4.16]	11.55	12.80	8.0	1,400 [660]
	RCGA-48A1 (UGPH-07?BRM?)	42,000 [12.30]	27,800 [8.16]	14,200 [4.16]	11.60	13.00	8.0	1,320 [625]
	RCGA-48A1 (UGPH-10?BRM?)	42,000 [12.30]	27,800 [8.16]	14,200 [4.16]	11.40	12.60	8.0	1,400 [660]
	RCGA-48A1 (UGPH-12?BRM?)	42,500 [12.45]	28,300 [8.28]	14,200 [4.16]	11.55	12.80	8.0	1,400 [660]
	RCGA-48A1 (UGLH-10?BRM?)	43,500 [12.75]	29,200 [8.58]	14,300 [4.17]	11.65	12.90	8.0	1,400 [660]
	RCGJ-48A1 (UGLH-12?BRM?)	43,500 [12.75]	29,200 [8.58]	14,300 [4.17]	11.85	13.20	8.0	1,400 [660]
	RCGJ-48A1 (UGPH-10?BRM?)	43,500 [12.75]	29,200 [8.58]	14,300 [4.17]	11.65	12.90	8.0	1,400 [660]
	RCGJ-48A1 (UGPH-12?BRM?)	43,500 [12.75]	29,200 [8.58]	14,300 [4.17]	11.85	13.20	8.0	1,400 [660]
	RCHA-48A1	40,000 [11.70]	29,800 [8.76]	10,200 [2.94]	10.85	12.00	8.0	1,400 [660]
	RCHA-48A1 (UBEA-21)	40,000 [11.70]	29,800 [8.76]	10,200 [2.94]	11.20	12.40	8.0	1,400 [660]
	RCHA-48A1 (UBHA-21)	40,000 [11.70]	29,800 [8.76]	10,200 [2.94]	11.20	12.40	8.0	1,400 [660]
	RCLB-A048	39,500 [11.55]	29,300 [8.58]	10,200 [2.94]	10.85	11.00	8.0	1,400 [660]
	RCLB-A048 (UHQA-16)	40,000 [11.70]	29,800 [8.76]	10,200 [2.94]	11.25	11.35	8.0	1,400 [660]
	RCLB-B048	40,000 [11.70]	30,200 [8.88]	9,800 [2.87]	11.00	11.20	8.0	1,400 [660]
	RCMB-A048	40,000 [11.70]	30,200 [8.88]	9,800 [2.87]	11.00	11.20	8.0	1,400 [660]
	RCMB-A048 (UHQA-16)	40,500 [11.85]	30,700 [9.00]	9,800 [2.87]	11.35	11.50	8.0	1,400 [660]
	RCTB-A048	39,500 [11.55]	29,800 [8.76]	9,700 [2.84]	10.85	12.00	8.0	1,400 [660]
	RCTB-A048 (UHQA-16)	40,000 [11.70]	30,300 [8.88]	9,700 [2.84]	11.25	12.20	8.0	1,400 [660]
	RCTH-A048	40,500 [11.85]	31,600 [9.24]	8,900 [2.61]	11.05	12.00	8.0	1,400 [660]

① Sound rating in accordance with ARI Standard 270.
② Highest sales volume tested combination required by D.O.E. test procedures.

[ ] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling (continued)

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					ARI Sound Rating ①	Indoor CFM [L/s]
Outdoor Unit UAMA-	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
048JAZ	RCBA-48**+RXCT-BCE	47,000 [13.80]	32,699 [9.60]	14,301 [4.20]	10.80	12.00	7.8	1,600 [755]
	RCBA-48**+RXCT-BCE (UBEA-21)	47,000 [13.80]	32,699 [9.60]	14,301 [4.20]	11.10	12.40	7.8	1,600 [755]
	RCBA-48**+RXCT-BCE (UBHA-21)	47,000 [13.80]	32,699 [9.60]	14,301 [4.20]	11.10	12.40	7.8	1,600 [755]
	RCBA-4876	47,000 [13.80]	32,900 [9.66]	14,100 [4.14]	10.80	11.50	7.8	1,600 [755]
	RCBA-4876 (UBEA-21)	47,000 [13.80]	32,900 [9.66]	14,100 [4.14]	11.10	11.80	7.8	1,600 [755]
	RCBA-4876 (UBHA-21)	47,000 [13.80]	32,900 [9.65]	14,100 [4.14]	11.10	11.80	7.8	1,600 [755]
	RCGA-48A1 ②	47,000 [13.80]	32,699 [9.60]	14,301 [4.20]	10.80	12.00	7.8	1,600 [755]
	RCGA-48A1 (UBEA-21)	47,000 [13.80]	32,699 [9.60]	14,301 [4.20]	11.10	12.40	7.8	1,600 [755]
	RCGA-48A1 (UBHA-21)	47,000 [13.80]	32,699 [9.60]	14,301 [4.20]	11.10	12.40	7.8	1,600 [755]
	RCGA-48A1 (UGLH-10?BRM?)	45,500 [13.35]	33,000 [9.66]	12,500 [3.69]	10.60	12.10	7.8	1,600 [755]
	RCGA-48A1 (UGLH-12?BRM?)	45,500 [13.35]	33,000 [9.66]	12,500 [3.69]	10.65	12.20	7.8	1,600 [755]
	RCGA-48A1 (UGPH-10?BRM?)	45,500 [13.35]	33,000 [9.66]	12,500 [3.69]	10.60	12.10	7.8	1,600 [755]
	RCGA-48A1 (UGPH-12?BRM?)	45,500 [13.35]	33,000 [9.66]	12,500 [3.69]	10.65	12.20	7.8	1,600 [755]
	RCGJ-60A1 (UGLH-10?BRM?)	47,000 [13.80]	34,500 [10.14]	12,500 [3.66]	10.95	12.50	7.8	1,600 [755]
	RCGJ-60A1 (UGLH-12?BRM?)	47,500 [13.95]	35,000 [10.26]	12,500 [3.69]	11.15	12.80	7.8	1,600 [755]
	RCGJ-60A1 (UGPH-10?BRM?)	47,000 [13.80]	34,500 [10.14]	12,500 [3.66]	10.95	12.50	7.8	1,600 [755]
	RCGJ-60A1 (UGPH-12?BRM?)	47,500 [13.95]	35,000 [10.26]	12,500 [3.69]	11.15	12.80	7.8	1,600 [755]
	RCHA-48A1	47,000 [13.80]	32,699 [9.60]	14,301 [4.20]	10.80	12.00	7.8	1,600 [755]
	RCHA-48A1 (UBEA-21)	47,000 [13.80]	32,699 [9.60]	14,301 [4.20]	11.10	12.40	7.8	1,600 [755]
	RCHA-48A1 (UBHA-21)	47,000 [13.80]	32,699 [9.60]	14,301 [4.20]	11.10	12.40	7.8	1,600 [755]
	RCLB-A048	46,000 [13.50]	32,000 [9.36]	14,000 [4.14]	10.95	11.20	7.8	1,600 [755]
	RCLB-A048 (UHQA-16)	46,500 [13.65]	32,500 [9.54]	14,000 [4.11]	11.30	11.60	7.8	1,600 [755]
	RCLB-B048	47,000 [13.80]	32,800 [9.60]	14,200 [4.20]	11.10	11.40	7.8	1,600 [755]
	RCMB-A048	47,000 [13.80]	32,800 [9.60]	14,200 [4.20]	11.10	11.40	7.8	1,600 [755]
	RCMB-A048 (UHQA-16)	47,500 [13.95]	33,300 [9.78]	14,200 [4.17]	11.45	11.80	7.8	1,600 [755]
	RCTB-A060	47,000 [13.80]	32,600 [9.54]	14,400 [4.26]	11.15	12.30	7.8	1,600 [755]
	RCTB-B060	47,000 [13.80]	32,600 [9.54]	14,400 [4.26]	11.15	12.30	7.8	1,600 [755]
	RCTB-B060 (UHQA-16)	47,500 [13.95]	33,100 [9.72]	14,400 [4.23]	11.50	12.60	7.8	1,600 [755]
	RCTH-A060	47,500 [13.95]	32,800 [9.60]	14,700 [4.35]	11.15	12.30	7.8	1,600 [755]
048JBZ	RCBA-48**+RXCT-BCE	47,000 [13.80]	32,699 [9.60]	14,301 [4.20]	10.80	12.00	8.0	1,600 [755]
	RCBA-48**+RXCT-BCE (UBEA-21)	47,000 [13.80]	32,699 [9.60]	14,301 [4.20]	11.10	12.40	8.0	1,600 [755]
	RCBA-48**+RXCT-BCE (UBHA-21)	47,000 [13.80]	32,699 [9.60]	14,301 [4.20]	11.10	12.40	8.0	1,600 [755]
	RCBA-4876	47,000 [13.80]	32,900 [9.66]	14,100 [4.14]	10.80	11.50	8.0	1,600 [755]
	RCBA-4876 (UBEA-21)	47,000 [13.80]	32,900 [9.66]	14,100 [4.14]	11.10	11.80	8.0	1,600 [755]
	RCBA-4876 (UBHA-21)	47,000 [13.80]	32,900 [9.66]	14,100 [4.14]	11.10	11.80	8.0	1,600 [755]
	RCGA-48A1 ②	47,000 [13.80]	32,699 [9.60]	14,301 [4.20]	10.80	12.00	8.0	1,600 [755]
	RCGA-48A1 (UBEA-21)	47,000 [13.80]	32,699 [9.60]	14,301 [4.20]	11.10	12.40	8.0	1,600 [755]
	RCGA-48A1 (UBHA-21)	47,000 [13.80]	32,699 [9.60]	14,301 [4.20]	11.10	12.40	8.0	1,600 [755]
	RCGA-48A1 (UGLH-10?BRM?)	45,500 [13.35]	33,000 [9.66]	12,500 [3.69]	10.60	12.10	8.0	1,600 [755]
	RCGA-48A1 (UGLH-12?BRM?)	45,500 [13.35]	33,000 [9.66]	12,500 [3.69]	10.65	12.20	8.0	1,600 [755]
	RCGA-48A1 (UGPH-10?BRM?)	45,500 [13.35]	33,000 [9.66]	12,500 [3.69]	10.60	12.10	8.0	1,600 [755]
	RCGA-48A1 (UGPH-12?BRM?)	45,500 [13.35]	33,000 [9.66]	12,500 [3.69]	10.65	12.20	8.0	1,600 [755]
	RCGJ-60A1 (UGLH-10?BRM?)	47,000 [13.80]	34,500 [10.14]	12,500 [3.66]	10.95	12.50	8.0	1,600 [755]
	RCGJ-60A1 (UGLH-12?BRM?)	47,500 [13.95]	35,000 [10.26]	12,500 [3.69]	11.15	12.80	8.0	1,600 [755]
	RCGJ-60A1 (UGPH-10?BRM?)	47,000 [13.80]	34,500 [10.14]	12,500 [3.66]	10.95	12.55	8.0	1,600 [755]
	RCGJ-60A1 (UGPH-12?BRM?)	47,500 [13.95]	35,000 [10.26]	12,500 [3.69]	11.15	12.80	8.0	1,600 [755]
	RCHA-48A1	47,000 [13.80]	32,699 [9.60]	14,301 [4.20]	10.80	12.00	8.0	1,600 [755]
	RCHA-48A1 (UBEA-21)	47,000 [13.80]	32,699 [9.60]	14,301 [4.20]	11.10	12.40	8.0	1,600 [755]
	RCHA-48A1 (UBHA-21)	47,000 [13.80]	32,699 [9.60]	14,301 [4.20]	11.10	12.40	8.0	1,600 [755]
	RCLB-A048	46,000 [13.50]	32,000 [9.36]	14,000 [4.14]	10.95	11.20	8.0	1,600 [755]
	RCLB-A048 (UHQA-16)	46,500 [13.65]	32,500 [9.54]	14,000 [4.11]	11.30	11.60	8.0	1,600 [755]
	RCLB-B048	47,000 [13.80]	32,800 [9.60]	14,200 [4.20]	11.10	11.40	8.0	1,600 [755]
	RCMB-A048	47,000 [13.80]	32,800 [9.60]	14,200 [4.20]	11.10	11.40	8.0	1,600 [755]
	RCMB-A048 (UHQA-16)	47,500 [13.95]	33,300 [9.78]	14,200 [4.17]	11.45	11.80	8.0	1,600 [755]
	RCTB-A060	47,000 [13.80]	32,600 [9.54]	14,400 [4.26]	11.15	12.30	8.0	1,600 [755]
	RCTB-B060	47,000 [13.80]	32,600 [9.54]	14,400 [4.26]	11.15	12.30	8.0	1,600 [755]
	RCTB-B060 (UHQA-16)	47,500 [13.95]	33,100 [9.72]	14,400 [4.23]	11.50	12.60	8.0	1,600 [755]
	RCTH-A060	47,500 [13.95]	32,800 [9.60]	14,700 [4.35]	11.15	12.30	8.0	1,600 [755]

① Sound rating in accordance with ARI Standard 270.
② Highest sales volume tested combination required by D.O.E. test procedures.

[ ] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling (continued)

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					ARI Sound Rating ①	Indoor CFM [L/s]
Outdoor Unit UAMA-	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER		
060JAZ/JBZ	RCBA-60**+RXCT-BCF	55,000 [16.05]	38,033 [11.10]	16,967 [4.95]	10.60	12.00	7.8	1,900 [895]
	RCBA-60**+RXCT-BCF (UBEA-24)	55,000 [16.05]	38,033 [11.10]	16,967 [4.95]	10.80	12.00	7.8	1,900 [895]
	RCBA-60**+RXCT-BCF (UBHA-24)	55,000 [16.05]	38,033 [11.10]	16,967 [4.95]	10.80	12.00	7.8	1,900 [895]
	RCBA-6089	55,000 [16.05]	38,500 [11.25]	16,500 [4.80]	10.60	11.10	7.8	1,900 [895]
	RCBA-6089 (UBEA-24)	55,000 [16.05]	38,500 [11.25]	16,500 [4.80]	10.80	11.40	7.8	1,900 [895]
	RCBA-6089 (UBHA-24)	55,000 [16.05]	38,500 [11.25]	16,500 [4.80]	10.80	11.40	7.8	1,900 [895]
	RCGA-60A1 ②	55,000 [16.05]	38,033 [11.10]	16,967 [4.95]	10.60	12.00	7.8	1,900 [895]
	RCGA-60A1 (UBEA-24)	55,000 [16.05]	38,033 [11.10]	16,967 [4.95]	10.80	12.00	7.8	1,900 [895]
	RCGA-60A1 (UBHA-24)	55,000 [16.05]	38,033 [11.10]	16,967 [4.95]	10.80	12.00	7.8	1,900 [895]
	RCHA-60A1	55,000 [16.05]	38,033 [11.10]	16,967 [4.95]	10.60	12.00	7.8	1,900 [895]
	RCHA-60A1 (UBEA-24)	55,000 [16.05]	38,033 [11.10]	16,967 [4.95]	10.80	12.00	7.8	1,900 [895]
	RCHA-60A1 (UBHA-24)	55,000 [16.05]	38,033 [11.10]	16,967 [4.95]	10.80	12.00	7.8	1,900 [895]
	RCLB-A060	54,000 [15.90]	37,400 [10.98]	16,600 [4.92]	10.45	11.00	7.8	1,900 [895]
	RCMB-A060	54,000 [15.90]	37,400 [10.98]	16,600 [4.92]	10.45	11.00	7.8	1,900 [895]
	RCMB-A060 (UHQA-20)	54,000 [15.90]	37,400 [10.98]	16,600 [4.92]	10.45	11.00	7.8	1,900 [895]
	RCQB-B060	57,500 [16.80]	40,987 [12.00]	16,513 [4.80]	11.00	12.00	7.8	1,900 [895]
	RCQB-B060 (UHQA-20)	57,500 [16.80]	40,987 [12.00]	16,513 [4.80]	11.00	12.00	7.8	1,900 [895]
	RCTB-A060	53,500 [15.75]	36,500 [10.68]	17,000 [5.07]	10.85	12.00	7.8	1,900 [895]
	RCTH-A060	54,000 [15.90]	37,287 [10.92]	16,713 [4.98]	10.45	11.10	7.8	1,900 [895]

① Sound rating in accordance with ARI Standard 270.
② Highest sales volume tested combination required by D.O.E. test procedures.

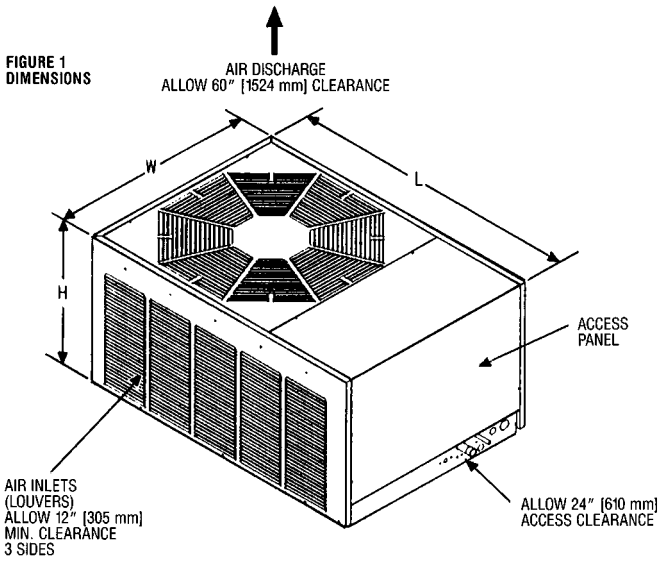
Electrical and Physical Data

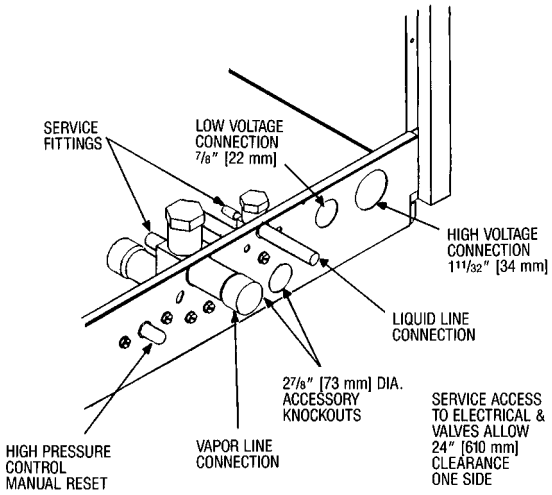
Model No. UAMA-	ELECTRICAL							PHYSICAL					
	Phase Hertz Volts	Compr. RLA	Compr. LRA	Fan Motor FLA	Min. Circuit Ampacity Amps	Fuse or HACR Circuit Breaker		Outdoor Coil			R22 Oz. [g]	Weight	
						Min. Amps	Max. Amps	Face Area Sq. Ft. [m²]	No. Rows	CFM [L/s]		Net Lbs. [kg]	Shipping Lbs. [kg]
018JAZ/JBZ	1-60-208/230	9.6/9.6	49	.8	13/13	20/20	20/20	15.8 [1.468]	1	2947 [1391]	88 [2495]	200 [90.7]	217 [98.4]
024JAZ/JBZ	1-60-208/230	12.2/12.2	62.5	.8	16/16	20/20	25/25	15.8 [1.468]	1	2029 [958]	85 [2410]	184 [83.5]	201 [91.2]
030JAZ/JBZ	1-60-208/230	13.5/13.5	76	1.2	18/18	25/25	30/30	15.8 [1.468]	1	2947 [1391]	96 [2722]	189 [85.7]	206 [93.4]
036JAZ/JBZ	1-60-208/230	18.0/18.0	90.5	1.2	24/24	30/30	40/40	15.8 [1.468]	1	2947 [1391]	96 [2722]	196 [88.9]	213 [96.6]
042JAZ/JBZ	1-60-208/230	19.9/19.9	107	2.0	26/26	35/35	45/45	15.8 [1.468]	1	3995 [1885]	95 [2693]	201 [91.2]	218 [98.9]
048JAZ/JBZ	1-60-208/230	23.7/23.7	129	2.0	32/32	40/40	50/50	17.3 [1.607]	2	3944 [1861]	172 [4876]	270 [122.5]	287 [130.2]
060JAZ/JBZ	1-60-208/230	28.9/28.9	169	2.0	39/39	50/50	60/60	20.8 [1.932]	2	3995 [1885]	192 [5443]	309 [140.2]	332 [150.6]

[ ] Designates Metric Conversions

Unit Dimensions

FIGURE 1
DIMENSIONS





Model Number UAMA-	Height "H" (Inches) [mm]	Length "L" (Inches) [mm]	Width "W" (Inches) [mm]
018/024/030 036/042/048	26 3/4 [679.45]	42 9/16 [1081.09]	31 [787.40]
060	34 3/4 [882.65]	43 [1092.20]	31 [787.40]

[ ] Designates Metric Conversions

GENERAL TERMS OF LIMITED WARRANTY*

Ruud 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.

Condenser Coil leaks caused by factory defects.....Five (5) Years
Compressor .....Ten (10) Years
Any Other Part.....One (1) Year

***For Complete Details of the Limited Warranty, Including Applicable Terms and Conditions, See Your Local Installer or Contact the Manufacturer for a Copy.**

BEFORE PURCHASING THIS APPLIANCE, READ IMPORTANT ENERGY COST AND EFFICIENCY INFORMATION AVAILABLE FROM YOUR RETAILER.

Condensing Unit Refrigerant Line Size Information

System Capacity Tons [kW]	Line Size (Inch O.D.) [mm]	Liquid Line Size Outdoor Unit Above Indoor Coil						Liquid Line Size Outdoor Unit Below Indoor Coil					
		Total Length—Feet [m]						Total Length—Feet [m]					
		25 [7.62]	50 [15.24]	75 [22.86]	100 [30.48]	125 [38.10]	150 [45.72]	25 [7.62]	50 [15.24]	75 [22.86]	100 [30.48]	125 [38.10]	150 [45.72]
		Vertical Separation—Feet [m]						Vertical Separation—Feet [m]					
1.5 [5.28]	1/4* [6.35]	25 [7.62]	50 [15.24]	70 [21.34]				25 [7.62]	23 [7.01]	8 [2.44]			
	5/16 [7.94]			36 [10.97]	42 [12.80]	48 [14.63]	54 [16.46]			36 [10.97]	30 [9.14]	24 [7.32]	18 [5.49]
2 [7.03]	1/4* [6.35]	25 [7.62]	50 [15.24]					25 [7.62]	23 [7.01]				
	5/16 [7.94]		24 [7.32]	34 [10.36]	44 [13.41]	54 [16.46]	64 [19.51]		48 [14.63]	38 [11.58]	28 [8.53]	18 [5.49]	8 [2.44]
2.5 [8.79]	1/4* [6.35]	25 [7.62]	50 [15.24]					25 [7.62]	23 [7.01]				
	5/16 [7.94]		19 [5.79]	33 [10.06]	47 [14.33]	61 [18.59]			50 [15.24]	39 [11.89]	25 [7.62]	11 [3.35]	
	3/8 [9.53]					11 [3.35]	15 [4.57]						57 [17.37]
3 [10.55]	5/16* [7.94]	25 [7.62]	50 [15.24]	70 [21.34]				25 [7.62]	23 [7.01]	9 [2.74]			
	3/8 [9.53]			34 [10.36]	40 [12.19]	46 [14.02]	52 [15.85]			38 [11.58]	32 [9.75]	26 [7.92]	20 [6.10]
3.5 [12.30]	5/16* [7.94]	25 [7.62]	50 [15.24]	75 [22.86]				25 [7.62]	23 [7.01]	9 [2.74]			
	3/8 [9.53]			32 [9.75]	39 [11.89]	46 [14.02]	53 [16.15]			40 [12.19]	33 [10.06]	26 [7.92]	19 [5.79]
4 [14.06]	3/8* [9.53]	25 [7.62]	44 [13.41]	53 [16.15]	61 [18.59]	70 [21.34]		25 [7.62]	28 [8.53]	19 [5.79]	11 [3.35]	3 [.91]	
	1/2 [12.7]					37 [11.28]	39 [11.89]					35 [10.67]	33 [10.06]
5 [17.58]	3/8* [9.53]	25 [7.62]	48 [14.63]	61 [18.59]	72 [21.95]			25 [7.62]	23 [7.01]	11 [3.35]	3 [.91]		
	1/2 [12.7]				35 [10.67]	38 [11.58]	41 [12.50]				37 [11.28]	34 [10.36]	31 [9.45]

*Standard line size

NOTES:

① This chart is applicable for condensing units.

② If the separation height exceeds the table values, **reduce** the indoor coil flow-check piston two sizes plus one size for each additional 10 feet [3.05 m].
Example 1: A 5 ton [17.58 kW] *condensing unit* with a total line length of 125 feet [38.10 m] with a vertical separation of 101 feet [30.78 m] utilizing a 1/2" [12.7 mm] liquid line: Table = 38 feet [11.58 m] maximum vertical separation for 125 feet [38.10 m] run. Separation exceeds table by (101-38) = 63 feet [19.20 m]. Therefore, reduce the indoor coil flow-check piston 2 + 6 = 8 sizes (For example, a #89 piston would reduce to a #81 piston)

③ Do not exceed 120 feet [36.58 m] maximum vertical separation.

④ No changes are required for expansion valve coils.

⑤ Do not exceed table values for capillary tube coils.

⑥ Always use the smallest liquid line possible to minimize system charge.

⑦ Chart may be used to size horizontal runs.

NOTES:

① This chart is applicable for condensing units.
Example 1: A 2.5 ton [8.79 kW] *condensing unit* with a total line length of 75 feet [22.86 m] with a vertical separation of 30 feet [9.14 m] requires a liquid line size of 5/16" [7.94 mm].

② This chart may also be used to size horizontal runs.
Example 2: A 5 ton [17.58 kW] *condensing unit* may have a total horizontal run of 100 feet [30.48 m] if using the 3/8" [9.53 mm] liquid line. The total horizontal run if using 1/2" [12.7 mm] liquid line size will be 150 feet [45.72 m]

③ Do not exceed vertical separation as indicated on the chart.

④ Always use the smallest liquid line possible to minimize system charge.

⑤ No changes required for flow-check pistons or expansion valve coils.

Suction Line Length/Size versus Capacity Multiplier								
UAMA-		018	024	030	036	042	048	060
Unit Suction Line Connection Size		3/4" [19.05 mm] I.D. Sweat			7/8" [22.23 mm] I.D. Sweat	1 1/8" [28.58 mm] I.D. Sweat*		
Suction Line Run—Feet [m]		5/8" [15.88 mm] O.D. Optional 3/4" [19.05 mm] O.D. Standard 7/8" [22.23 mm] O.D. Optional			3/4" [19.05 mm] O.D. Optional 7/8" [22.23 mm] O.D. Standard 1 1/8" [28.58 mm] O.D. Optional	7/8" [22.23 mm] O.D. Optional 1 1/8" [28.58 mm] O.D. Standard 1 3/8" [34.94 mm] O.D. Optional		
25' [7.62]	Optional	.98	.98	—	.99	.99	.99	.99
	Standard	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Optional	1.01	1.01	1.01	1.01	1.01	1.01	1.01
50' [15.24]	Optional	.96	.96	—	.97	.97	.97	.97
	Standard	.99	.99	.99	.99	1.00	1.00	.99
	Optional	1.00	1.00	1.00	1.01	1.01	1.01	1.01
100' [30.48]	Optional	.93	.93	—	.93	.96	.96	.95
	Standard	.99	.98	97	.98	.99	.99	.99
	Optional	1.00	.99	.99	1.00	1.00	1.00	1.00
150' [45.72]	Optional	—	—	—	—	.93	.93	.93
	Standard	.98	.97	.95	.97	.99	.99	.98
	Optional	1.00	.98	.97	.99	1.00	1.00	.99

NOTES: Capacity Multiplier x Rated Capacity = Actual Capacity.
Additional compressor oil is not required for runs up to 150 feet [45.72 m].
Oil traps in vertical runs are not required for any height up to 125 feet [38.10 m]. See Liquid Line chart for Vertical Separation Requirements and Limitations.
* Adapter to 1 1/8" [28.58 mm] factory supplied.

[ ] Designates Metric Conversions

NOTES:

Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.

RUUD
AIR CONDITIONING
DIVISION

P.O. Box 17010, Fort Smith, Arkansas 72917-7010

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

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