

CONDENSING UNITS



UAND- SERIES

13 SEER Models

With efficiencies up to 14.45 SEER
in certain matched systems.

Nominal Sizes 1½ to 5 Tons

[5.28 kW] to [17.6 kW]



Seven Models

Cooling Capacities

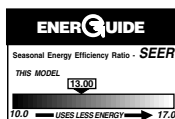
16,800 to 56,000 BTU/HR

[4.92 kW] to [16.41 kW]

The Ruud *Achiever Series*® High Efficiency UAND- 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 Series*® UAND- Condensing Units are the result of an ongoing development program for improved efficiencies. With SEER's ranging to 14.45, these units continue a tradition of high efficiency.

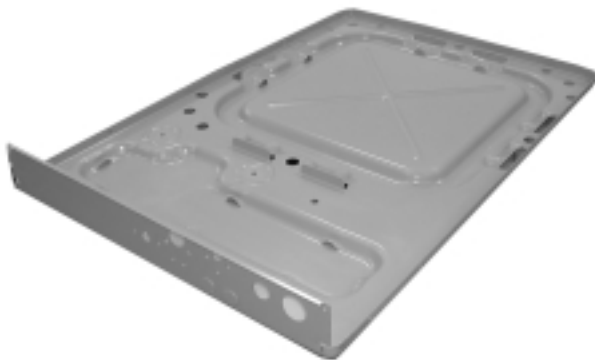
- Attractive, louvered wrap-around jacket protects the coil from yard hazards and weather extremes. Top grille is steel reinforced for extra strength. Cabinet is powder painted for all-weather protection.
- Air is discharged upward away from bushes and shrubs. The discharge pattern of the top grille 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.
- All models meet or exceed a 1000-hour salt spray test per ASTM B117 Standard Practice for Operating Salt Spray Testing Apparatus.



"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

UAND- 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. The **UAND A-Series** has an **8 year compressor limited warranty** and a liquid line filter drier. The **UAND A-Series** also has factory installed low pressure control, and high pressure control. The **UAND B-Series** has a **7 year compressor limited warranty**.
13. **Hard Start Kits**—Standard on all A-Series models.

Field Installed Accessories

- **Low Ambient Control**—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 70°F [21°C].

COPELAND® SCROLL® COMPRESSOR

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



Model Number Identification

<u>U</u>	<u>A</u>	<u>N</u>	<u>D</u>	<u>—</u>	<u>024</u>	<u>J</u>	<u>A</u>	<u>Z</u>
RUUD	REMOTE CONDENSING UNIT	HI-EFFICIENCY (STANDARD)	DESIGN SERIES		COOLING CAPACITY	ELECTRICAL DESIGNATION	VARIATIONS	COOLING CONNECTION FITTING
			D = FOURTH DESIGN		018 = 18,000 BTU/HR [5.27 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 = 208/230V-1-60 C = 208/230V-3-60 D = 460V-3-60 Y = 575V-3-60	A-SERIES = FULL FEATURED B-SERIES = COMPETITIVE	Z = SWEAT W/SCROLL

[] 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					Indoor CFM [L/s]
Outdoor Unit UAND-	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER	
018	RCFA-HM2417A* ①	18,200 [5.3]	13,150 [3.9]	5,050 [1.5]	11.79	13.00	600 [283]
	RCBA-24**+RXCT-BCA	16,800 [4.9]	11,650 [3.4]	5,150 [1.5]	10.67	12.10	600 [283]
	RCBA-24**+BHC-14+RXCT-BCA	16,800 [4.9]	11,650 [3.4]	5,150 [1.5]	10.80	12.10	600 [283]
	RCBA-24**+BHC-15+RXCT-BCA	16,800 [4.9]	11,650 [3.4]	5,150 [1.5]	10.67	12.10	600 [283]
	RCBA-37**+BHK-17+RXCT-BCA	18,000 [5.3]	12,800 [3.8]	5,200 [1.5]	12.76	13.65	600 [283]
	RCGA-24A1	16,800 [4.9]	11,650 [3.4]	5,150 [1.5]	10.67	12.10	600 [283]
	RCGA-24A1+BHC-14	16,800 [4.9]	11,650 [3.4]	5,150 [1.5]	10.80	12.10	600 [283]
	RCGA-24A1+BHC-15	16,800 [4.9]	11,650 [3.4]	5,150 [1.5]	10.67	12.10	600 [283]
	RCHA-24A1	16,800 [4.9]	11,650 [3.4]	5,150 [1.5]	10.67	12.10	600 [283]
	RCHA-24A1+BHC-14	16,800 [4.9]	11,650 [3.4]	5,150 [1.5]	10.80	12.10	600 [283]
	RCHA-24A1+BHC-15	16,800 [4.9]	11,650 [3.4]	5,150 [1.5]	10.67	12.10	600 [283]
	RCGJ-24A1	17,400 [5.1]	12,250 [3.6]	5,150 [1.5]	11.04	12.45	600 [283]
	RCGJ-24A1+BHK-17	17,900 [5.3]	12,800 [3.8]	5,100 [1.5]	12.60	14.20	600 [283]
	RCGJ-24A1+GFD-06?MCK?	17,900 [5.3]	12,700 [3.7]	5,200 [1.5]	12.34	13.85	600 [283]
	RCGJ-24A1+GFD-07?MCK?	17,900 [5.3]	12,700 [3.7]	5,200 [1.5]	12.36	13.90	600 [283]
	RCGJ-24A1+GPL-05?BMK	17,800 [5.2]	12,700 [3.7]	5,100 [1.5]	12.26	13.75	600 [283]
	RCGJ-24A1+GGD-06?MCK	17,900 [5.3]	12,750 [3.7]	5,150 [1.5]	12.49	14.05	600 [283]
	RCGJ-24A1+GGD-07?MCK	17,900 [5.3]	12,750 [3.7]	5,150 [1.5]	12.43	13.95	625 [295]
	RCHJ-24A1	17,400 [5.1]	12,250 [3.6]	5,150 [1.5]	11.04	12.45	600 [283]
	RCHJ-24A1+BHK-17	17,900 [5.3]	12,800 [3.8]	5,100 [1.5]	12.60	14.20	600 [283]
	RCHJ-24A1+GFD-06?MCK?	17,900 [5.3]	12,700 [3.7]	5,200 [1.5]	12.34	13.85	600 [283]
	RCHJ-24A1+GFD-07?MCK?	17,900 [5.3]	12,700 [3.7]	5,200 [1.5]	12.36	13.90	600 [283]
	RCHJ-24A1+GPL-05?BMK	17,800 [5.2]	12,700 [3.7]	5,100 [1.5]	12.26	13.75	600 [283]
	RCHJ-24A1+GGD-06?MCK	17,900 [5.3]	12,750 [3.7]	5,150 [1.5]	12.49	14.05	600 [283]
	RCHJ-24A1+GGD-07?MCK	17,900 [5.3]	12,750 [3.7]	5,150 [1.5]	12.43	13.95	625 [295]
	RCQC-2417	18,500 [5.4]	13,600 [4.0]	4,900 [1.4]	11.68	13.10	600 [283]
RCQC-2417+GFD-06?MCK?	18,900 [5.5]	14,000 [4.1]	4,900 [1.4]	12.96	14.45	600 [283]	
RCQC-2417+GFD-07?MCK?	18,900 [5.5]	14,000 [4.1]	4,900 [1.4]	12.97	14.45	600 [283]	
RCQC-2417+GPL-05?BMK	18,900 [5.5]	14,000 [4.1]	4,900 [1.4]	12.87	14.35	600 [283]	
RCTH-A024	17,200 [5.0]	12,400 [3.6]	4,800 [1.4]	11.00	12.10	600 [283]	
024	RCFA-HM2417A* ①	24,000 [7.0]	16,600 [4.9]	7,400 [2.2]	11.84	13.00	775 [366]
	RCBA-24**+RXCT-BCB	22,200 [6.5]	14,700 [4.3]	7,500 [2.2]	10.95	12.40	800 [378]
	RCBA-24**+BHC-14+RXCT-BCB	22,200 [6.5]	14,700 [4.3]	7,500 [2.2]	10.93	12.25	800 [378]
	RCBA-24**+BHC-15+RXCT-BCB	22,200 [6.5]	14,700 [4.3]	7,500 [2.2]	10.93	12.25	800 [378]
	RCBA-37**+BHK-17+RXCT-BCB	23,800 [7.0]	16,150 [4.7]	7,650 [2.2]	12.69	14.20	800 [378]
	RCGA-24A2	22,200 [6.5]	14,700 [4.3]	7,500 [2.2]	10.95	12.40	800 [378]
	RCGA-24A2+BHC-14	22,200 [6.5]	14,700 [4.3]	7,500 [2.2]	10.93	12.25	800 [378]
	RCGA-24A2+BHC-15	22,200 [6.5]	14,700 [4.3]	7,500 [2.2]	10.93	12.25	800 [378]
	RCHA-24A2	22,200 [6.5]	14,700 [4.3]	7,500 [2.2]	10.95	12.40	800 [378]
	RCHA-24A2+BHC-14	22,200 [6.5]	14,700 [4.3]	7,500 [2.2]	10.93	12.25	800 [378]
	RCHA-24A2+BHC-15	22,200 [6.5]	14,700 [4.3]	7,500 [2.2]	10.93	12.25	800 [378]
	RCGJ-24A2	23,200 [6.8]	15,600 [4.6]	7,600 [2.2]	11.35	12.70	800 [378]
	RCGJ-24A2+BHK-17	23,800 [7.0]	16,150 [4.7]	7,650 [2.2]	12.69	14.20	800 [378]
	RCGJ-24A2+GFD-06?MCK?	23,600 [6.9]	16,000 [4.7]	7,600 [2.2]	12.32	13.75	800 [378]
	RCGJ-24A2+GFD-07?MCK?	23,600 [6.9]	16,050 [4.7]	7,550 [2.2]	12.42	13.85	800 [378]
	RCGJ-24A2+GPL-05?BMK	23,600 [6.9]	16,050 [4.7]	7,550 [2.2]	12.41	13.85	775 [366]
	RCGJ-24A2+GGD-06?MCK	23,800 [7.0]	16,100 [4.7]	7,700 [2.3]	12.59	14.05	800 [378]
	RCGJ-24A2+GGD-07?MCK	23,800 [7.0]	16,100 [4.7]	7,700 [2.3]	12.49	13.95	800 [378]
	RCHJ-24A2	23,200 [6.8]	15,600 [4.6]	7,600 [2.2]	11.35	12.70	800 [378]
	RCHJ-24A2+BHK-17	23,800 [7.0]	16,150 [4.7]	7,650 [2.2]	12.69	14.20	800 [378]

① Highest sales volume tested combination required by D.O.E. test procedures.

[] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling (Con't)

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					Indoor CFM [L/s]
Outdoor Unit UAND-	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER	
024	RCHJ-24A2+-GFD-06?MCK?	23,600 [6.9]	16,000 [4.7]	7,600 [2.2]	12.32	13.75	800 [378]
	RCHJ-24A2+-GFD-07?MCK?	23,600 [6.9]	16,050 [4.7]	7,550 [2.2]	12.42	13.85	800 [378]
	RCHJ-24A2+-GPL-05?BMK	23,600 [6.9]	16,050 [4.7]	7,550 [2.2]	12.41	13.85	775 [366]
	RCHJ-24A2+-GGD-06?MCK	23,800 [7.0]	16,100 [4.7]	7,700 [2.3]	12.59	14.05	800 [378]
	RCHJ-24A2+-GGD-07?MCK	23,800 [7.0]	16,100 [4.7]	7,700 [2.3]	12.49	13.95	800 [378]
	RCQC-2417	24,400 [7.2]	17,300 [5.1]	7,100 [2.1]	11.87	13.25	800 [378]
	RCQC-2417+-GFD-06?MCK?	24,800 [7.3]	17,600 [5.2]	7,200 [2.1]	12.61	14.00	800 [378]
	RCQC-2417+-GFD-07?MCK?	24,800 [7.3]	17,650 [5.2]	7,150 [2.1]	12.71	14.10	800 [378]
	RCQC-2417+-GPL-05?BMK	24,800 [7.3]	17,650 [5.2]	7,150 [2.1]	12.72	14.15	775 [366]
	RCTH-A024	23,800 [7.0]	17,350 [5.1]	6,450 [1.9]	11.63	12.95	800 [378]
RCTA-A024	22,800 [6.7]	15,650 [4.6]	7,150 [2.1]	11.21	12.55	800 [378]	
030	RCFA-HM3617A* ①	30,200 [8.9]	21,750 [6.4]	8,450 [2.5]	11.20	13.00	1,000 [472]
	RCBA-37**+RXCT-BCC	28,800 [8.4]	19,950 [5.8]	8,850 [2.6]	10.75	12.60	1,000 [472]
	RCBA-37**+-BHC-17+RXCT-BCC	28,800 [8.4]	20,000 [5.9]	8,800 [2.6]	10.80	12.55	1,000 [472]
	RCBA-37**+-BHC-18+RXCT-BCC	28,800 [8.4]	20,000 [5.9]	8,800 [2.6]	10.80	12.55	1,000 [472]
	RCGA-37A1	28,800 [8.4]	19,950 [5.8]	8,850 [2.6]	10.75	12.60	1,000 [472]
	RCGA-37A1+-BHC-17	28,800 [8.4]	20,000 [5.9]	8,800 [2.6]	10.80	12.55	1,000 [472]
	RCGA-37A1+-BHC-18	28,800 [8.4]	20,000 [5.9]	8,800 [2.6]	10.80	12.55	1,000 [472]
	RCGA-37A1+-GFD-06?MCK?	29,000 [8.5]	20,200 [5.9]	8,800 [2.6]	11.14	12.95	1,000 [472]
	RCGA-37A1+-GFD-07?MCK?	29,200 [8.6]	20,350 [6.0]	8,850 [2.6]	11.34	13.20	1,000 [472]
	RCGA-37A1+-GPL-05?BMK	29,200 [8.6]	20,300 [5.9]	8,900 [2.6]	11.31	13.15	1,000 [472]
	RCGA-37A1+-GGD-06?MCK	29,200 [8.6]	20,400 [6.0]	8,800 [2.6]	11.41	13.30	1,000 [472]
	RCGA-37A1+-GGD-07?MCK	29,200 [8.6]	20,350 [6.0]	8,850 [2.6]	11.35	13.20	1,025 [484]
	RCHA-36A1	28,800 [8.4]	19,950 [5.8]	8,850 [2.6]	10.75	12.60	1,000 [472]
	RCHA-36A1+-BHC-17	28,800 [8.4]	20,000 [5.9]	8,800 [2.6]	10.80	12.55	1,000 [472]
	RCHA-36A1+-BHC-18	28,800 [8.4]	20,000 [5.9]	8,800 [2.6]	10.80	12.55	1,000 [472]
	RCHA-36A1+-GFD-06?MCK?	29,000 [8.5]	20,200 [5.9]	8,800 [2.6]	11.14	12.95	1,000 [472]
	RCHA-36A1+-GFD-07?MCK?	29,200 [8.6]	20,350 [6.0]	8,850 [2.6]	11.34	13.20	1,000 [472]
	RCHA-36A1+-GPL-05?BMK	29,200 [8.6]	20,300 [5.9]	8,900 [2.6]	11.31	13.15	1,000 [472]
	RCHA-36A1+-GGD-06?MCK	29,200 [8.6]	20,400 [6.0]	8,800 [2.6]	11.41	13.30	1,000 [472]
	RCHA-36A1+-GGD-07?MCK	29,200 [8.6]	20,350 [6.0]	8,850 [2.6]	11.35	13.20	1,025 [484]
	RCBA-48**+RXCT-BCG	29,400 [8.6]	20,600 [6.0]	8,800 [2.6]	11.20	13.00	1,000 [472]
	RCBA-48**+-BHK-21+RXCT-BCG	30,200 [8.9]	21,350 [6.3]	8,850 [2.6]	12.18	14.15	1,000 [472]
	RCGJ-36A1	29,400 [8.6]	20,600 [6.0]	8,800 [2.6]	10.93	12.70	1,000 [472]
	RCGJ-36A1+RBHK-21	30,200 [8.9]	21,350 [6.3]	8,850 [2.6]	12.18	14.15	1,000 [472]
	RCGJ-36A1+-GFD-06?MCK?	29,600 [8.7]	20,850 [6.1]	8,750 [2.6]	11.35	13.10	1,000 [472]
	RCGJ-36A1+-GFD-07?MCK?	29,800 [8.7]	21,000 [6.2]	8,800 [2.6]	11.56	13.35	1,000 [472]
	RCGJ-36A1+-GPL-05?BMK	29,800 [8.7]	21,000 [6.2]	8,800 [2.6]	11.53	13.35	1,000 [472]
	RCGJ-36A1+-GPL-07?BRK	30,000 [8.8]	21,150 [6.2]	8,850 [2.6]	11.82	13.70	1,000 [472]
	RCGJ-36A1+-GPL-07?BRQ	30,200 [8.9]	21,350 [6.3]	8,850 [2.6]	12.16	14.10	1,000 [472]
	RCGJ-36A1+-GGD-06?MCK	29,800 [8.7]	21,050 [6.2]	8,750 [2.6]	11.63	13.45	1,000 [472]
	RCGJ-36A1+-GGD-07?MCK	29,800 [8.7]	21,000 [6.2]	8,800 [2.6]	11.58	13.40	1,025 [484]
	RCHJ-36A1	29,400 [8.6]	20,600 [6.0]	8,800 [2.6]	10.93	12.70	1,000 [472]
	RCHJ-36A1+-BHK-21	30,200 [8.9]	21,350 [6.3]	8,850 [2.6]	12.18	14.15	1,000 [472]
RCHJ-36A1+-GFD-06?MCK?	29,600 [8.7]	20,850 [6.1]	8,750 [2.6]	11.35	13.10	1,000 [472]	
RCHJ-36A1+-GFD-07?MCK?	29,800 [8.7]	21,000 [6.2]	8,800 [2.6]	11.56	13.35	1,000 [472]	
RCHJ-36A1+-GPL-05?BMK	29,800 [8.7]	21,000 [6.2]	8,800 [2.6]	11.53	13.35	1,000 [472]	
RCHJ-36A1+-GPL-07?BRK	30,000 [8.8]	21,150 [6.2]	8,850 [2.6]	11.82	13.70	1,000 [472]	
RCHJ-36A1+-GPL-07?BRQ	30,200 [8.9]	21,350 [6.3]	8,850 [2.6]	12.16	14.10	1,000 [472]	

① Highest sales volume tested combination required by D.O.E. test procedures.

[] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling (Con't)

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					Indoor CFM [L/s]
Outdoor Unit UAND-	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER	
030	RCHJ-36A1+-GGD-06?MCK	29,800 [8.7]	21,050 [6.2]	8,750 [2.6]	11.63	13.45	1,000 [472]
	RCHJ-36A1+-GGD-07?MCK	29,800 [8.7]	21,000 [6.2]	8,800 [2.6]	11.58	13.40	1,025 [484]
	RCQC-3617	30,400 [8.9]	22,250 [6.5]	8,150 [2.4]	11.27	13.00	1,000 [472]
	RCQC-3617+-GFD-06?MCK?	30,600 [9.0]	22,400 [6.6]	8,200 [2.4]	11.49	13.15	1,000 [472]
	RCQC-3617+-GFD-07?MCK?	30,600 [9.0]	22,550 [6.6]	8,050 [2.4]	11.71	13.45	1,000 [472]
	RCQC-3617+-GPL-05?BMK	30,600 [9.0]	22,500 [6.6]	8,100 [2.4]	11.64	13.35	1,000 [472]
	RCQC-3621	30,400 [8.9]	22,250 [6.5]	8,150 [2.4]	11.27	13.00	1,000 [472]
	RCQC-3621+-GFD-06?MCK?	30,600 [9.0]	22,450 [6.6]	8,150 [2.4]	11.60	13.30	1,000 [472]
	RCQC-3621+-GFD-07?MCK?	30,800 [9.0]	22,600 [6.6]	8,200 [2.4]	11.81	13.55	1,000 [472]
	RCQC-3621+-GPL-05?BMK	30,800 [9.0]	22,600 [6.6]	8,200 [2.4]	11.77	13.50	1,000 [472]
	RCQC-3621+-GPL-07?BRK	30,800 [9.0]	22,750 [6.7]	8,050 [2.4]	12.06	13.85	1,000 [472]
	RCQC-3621+-GPL-07?BRQ	31,000 [9.1]	22,950 [6.7]	8,050 [2.4]	12.41	14.30	1,000 [472]
	RCTH-A036	29,800 [8.7]	22,400 [6.6]	7,400 [2.2]	11.04	12.85	1,000 [472]
	RCTA-A036	29,200 [8.6]	20,800 [6.1]	8,400 [2.5]	10.83	12.55	1,000 [472]
036	RCFA-HM3617A* ①	34,800 [10.2]	24,550 [7.2]	10,250 [3.0]	11.47	13.00	1,100 [519]
	RCBA-37**+RXCT-BCD	33,600 [9.8]	23,150 [6.8]	10,450 [3.1]	10.97	12.75	1,200 [566]
	RCBA-37**+BHC-17+RXCT-BCD	33,600 [9.8]	23,150 [6.8]	10,450 [3.1]	10.99	12.60	1,200 [566]
	RCBA-37**+BHC-18+RXCT-BCD	33,600 [9.8]	23,150 [6.8]	10,450 [3.1]	11.24	12.85	1,200 [566]
	RCGA-36A2	33,600 [9.8]	23,150 [6.8]	10,450 [3.1]	10.97	12.75	1,200 [566]
	RCGA-36A2+-BHC-17	33,600 [9.8]	23,150 [6.8]	10,450 [3.1]	10.99	12.60	1,200 [566]
	RCGA-36A2+-BHC-18	33,600 [9.8]	23,150 [6.8]	10,450 [3.1]	10.99	12.60	1,200 [566]
	RCGA-36A2+-GFD-06?MCK?	33,600 [9.8]	23,250 [6.8]	10,350 [3.0]	11.11	12.70	1,175 [555]
	RCGA-36A2+-GFD-07?MCK?	33,600 [9.8]	23,200 [6.8]	10,400 [3.0]	11.06	12.65	1,200 [566]
	RCGA-36A2+-GPL-05?BMK	33,800 [9.9]	23,300 [6.8]	10,500 [3.1]	11.18	12.80	1,200 [566]
	RCGA-36A2+-GGD-07?MCK	33,400 [9.8]	23,800 [7.0]	9,600 [2.8]	11.60	13.35	1,025 [484]
	RCHA-36A2	33,600 [9.8]	23,150 [6.8]	10,450 [3.1]	10.97	12.75	1,200 [566]
	RCHA-36A2+-BHC-17	33,600 [9.8]	23,150 [6.8]	10,450 [3.1]	10.99	12.60	1,200 [566]
	RCHA-36A2+-BHC-18	33,600 [9.8]	23,150 [6.8]	10,450 [3.1]	10.99	12.60	1,200 [566]
	RCHA-36A2+-GFD-06?MCK?	33,600 [9.8]	23,250 [6.8]	10,350 [3.0]	11.11	12.70	1,175 [555]
	RCHA-36A2+-GFD-07?MCK?	33,600 [9.8]	23,200 [6.8]	10,400 [3.0]	11.06	12.65	1,200 [566]
	RCHA-36A2+-GPL-05?BMK	33,800 [9.9]	23,300 [6.8]	10,500 [3.1]	11.18	12.80	1,200 [566]
	RCHA-36A2+-GGD-07?MCK	33,400 [9.8]	23,800 [7.0]	9,600 [2.8]	11.60	13.35	1,025 [484]
	RCBA-48**+RXCT-BCH	34,400 [10.1]	24,050 [7.0]	10,350 [3.0]	11.24	13.05	1,200 [566]
	RCBA-48**+BHK-21+RXCT-BCH	35,200 [10.3]	24,800 [7.3]	10,400 [3.0]	12.33	14.30	1,200 [566]
	RCGJ-36A2	34,400 [10.1]	24,050 [7.0]	10,350 [3.0]	11.24	13.05	1,200 [566]
	RCGJ-36A2+-BHK-21	35,200 [10.3]	24,800 [7.3]	10,400 [3.0]	12.33	14.30	1,200 [566]
	RCGJ-36A2+-GFD-06?MCK?	34,600 [10.1]	24,150 [7.1]	10,450 [3.1]	11.37	13.10	1,175 [555]
	RCGJ-36A2+-GFD-07?MCK?	34,400 [10.1]	24,150 [7.1]	10,250 [3.0]	11.33	13.05	1,200 [566]
	RCGJ-36A2+-GFD-09?ZCM?	34,800 [10.2]	24,750 [7.3]	10,050 [2.9]	12.12	14.05	1,150 [543]
	RCGJ-36A2+-GFD-10?ZCM?	35,000 [10.3]	24,600 [7.2]	10,400 [3.0]	12.05	13.95	1,175 [555]
	RCGJ-36A2+-GPL-05?BMK	34,600 [10.1]	24,200 [7.1]	10,400 [3.0]	11.45	13.20	1,200 [566]
	RCGJ-36A2+-GPL-07?BRK	34,800 [10.2]	24,500 [7.2]	10,300 [3.0]	11.88	13.75	1,200 [566]
	RCGJ-36A2+-GPL-07?BRQ	35,200 [10.3]	24,800 [7.3]	10,400 [3.0]	12.37	14.35	1,200 [566]
	RCGJ-36A2+-GGD-07?MCK	34,200 [10.0]	24,700 [7.2]	9,500 [2.8]	11.86	13.75	1,025 [484]
	RCGJ-36A2+-GGD-09?ZCM	35,000 [10.3]	24,700 [7.2]	10,300 [3.0]	12.16	14.10	1,175 [555]
	RCGJ-36A2+-GGD-10?ZCM	35,000 [10.3]	24,700 [7.2]	10,300 [3.0]	12.17	14.10	1,175 [555]
	RCHJ-36A2	34,400 [10.1]	24,050 [7.0]	10,350 [3.0]	11.24	13.05	1,200 [566]
	RCHJ-36A2+-BHK-21	35,200 [10.3]	24,800 [7.3]	10,400 [3.0]	12.33	14.30	1,200 [566]
RCHJ-36A2+-GFD-06?MCK?	34,600 [10.1]	24,150 [7.1]	10,450 [3.1]	11.37	13.10	1,175 [555]	
RCHJ-36A2+-GFD-07?MCK?	34,400 [10.1]	24,150 [7.1]	10,250 [3.0]	11.33	13.05	1,200 [566]	

① Highest sales volume tested combination required by D.O.E. test procedures.

[] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling (Con't)

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					Indoor CFM [L/s]
Outdoor Unit UAND-	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER	
036	RCHJ-36A2+-GFD-09?ZCM?	34,800 [10.2]	24,750 [7.3]	10,050 [2.9]	12.12	14.05	1,150 [543]
	RCHJ-36A2+-GFD-10?ZCM?	35,000 [10.3]	24,600 [7.2]	10,400 [3.0]	12.05	13.95	1,175 [555]
	RCHJ-36A2+-GPL-05?BMK	34,600 [10.1]	24,200 [7.1]	10,400 [3.0]	11.45	13.20	1,200 [566]
	RCHJ-36A2+-GPL-07?BRK	34,800 [10.2]	24,500 [7.2]	10,300 [3.0]	11.88	13.75	1,200 [566]
	RCHJ-36A2+-GPL-07?BRQ	35,200 [10.3]	24,800 [7.3]	10,400 [3.0]	12.37	14.35	1,200 [566]
	RCHJ-36A2+-GGD-07?MCK	34,200 [10.0]	24,700 [7.2]	9,500 [2.8]	11.86	13.75	1,025 [484]
	RCHJ-36A2+-GGD-09?ZCM	35,000 [10.3]	24,700 [7.2]	10,300 [3.0]	12.16	14.10	1,175 [555]
	RCHJ-36A2+-GGD-10?ZCM	35,000 [10.3]	24,700 [7.2]	10,300 [3.0]	12.17	14.10	1,175 [555]
	RCQC-3617	35,600 [10.4]	25,900 [7.6]	9,700 [2.8]	11.54	13.35	1,200 [566]
	RCQC-3617+-GFD-06?MCK?	35,600 [10.4]	25,850 [7.6]	9,750 [2.9]	11.47	13.05	1,175 [555]
	RCQC-3617+-GFD-07?MCK?	35,400 [10.4]	25,750 [7.5]	9,650 [2.8]	11.37	12.95	1,200 [566]
	RCQC-3617+-GPL-05?BMK	35,600 [10.4]	25,850 [7.6]	9,750 [2.9]	11.49	13.10	1,200 [566]
	RCQC-3621	35,600 [10.4]	25,900 [7.6]	9,700 [2.8]	11.54	13.35	1,200 [566]
	RCQC-3621+-GFD-06?MCK?	35,600 [10.4]	25,950 [7.6]	9,650 [2.8]	11.61	13.25	1,175 [555]
	RCQC-3621+-GFD-07?MCK?	35,600 [10.4]	25,900 [7.6]	9,700 [2.8]	11.55	13.15	1,200 [566]
	RCQC-3621+GFD-09?ZCM?	35,800 [10.5]	26,500 [7.8]	9,300 [2.7]	12.34	14.15	1,150 [543]
	RCQC-3621+GFD-10?ZCM?	36,000 [10.6]	26,400 [7.7]	9,600 [2.8]	12.26	14.05	1,175 [555]
	RCQC-3621+GPL-05?BMK	35,600 [10.4]	25,950 [7.6]	9,650 [2.8]	11.66	13.30	1,200 [566]
	RCQC-3621+GPL-07?BRK	36,000 [10.6]	26,250 [7.7]	9,750 [2.9]	12.09	13.85	1,200 [566]
	RCQC-3621+GPL-07?BRQ	36,200 [10.6]	26,600 [7.8]	9,600 [2.8]	12.59	14.45	1,200 [566]
	RCTH-A036	34,800 [10.2]	26,300 [7.7]	8,500 [2.5]	11.33	13.15	1,200 [566]
	RCTA-A036	34,000 [10.0]	24,250 [7.1]	9,750 [2.9]	11.10	12.85	1,200 [566]
042	RCFA-HM4821A*①	42,500 [12.5]	30,950 [9.1]	11,550 [3.4]	11.71	13.00	1,400 [661]
	RCBA-48**+-BHC-21+RXCT-BCE	40,000 [11.7]	27,600 [8.1]	12,400 [3.6]	11.06	12.60	1,400 [661]
	RCBA-48**+-BHC-22+RXCT-BCE	40,000 [11.7]	27,600 [8.1]	12,400 [3.6]	11.06	12.60	1,400 [661]
	RCGA-48A1	40,000 [11.7]	27,650 [8.1]	12,350 [3.6]	11.03	12.80	1,400 [661]
	RCGA-48A1+-BHC-21	40,000 [11.7]	27,600 [8.1]	12,400 [3.6]	11.06	12.60	1,400 [661]
	RCGA-48A1+-BHC-22	40,000 [11.7]	27,600 [8.1]	12,400 [3.6]	11.06	12.60	1,400 [661]
	RCGA-48A1+-GFD-09?ZCM?	40,000 [11.7]	28,200 [8.3]	11,800 [3.5]	11.64	13.35	1,325 [625]
	RCGA-48A1+-GFD-10?ZCM?	40,000 [11.7]	28,050 [8.2]	11,950 [3.5]	11.48	13.15	1,325 [625]
	RCGA-48A1+-GPL-07?BRQ	40,500 [11.9]	28,350 [8.3]	12,150 [3.6]	11.97	13.75	1,400 [661]
	RCGA-48A1+-GPL-10?BRM	40,500 [11.9]	28,200 [8.3]	12,300 [3.6]	11.76	13.50	1,425 [673]
	RCGA-48A1+-GGD-09?ZCM	40,500 [11.9]	28,000 [8.2]	12,500 [3.7]	11.56	13.25	1,425 [673]
	RCGA-48A1+-GGD-10?ZCM	40,500 [11.9]	28,050 [8.2]	12,450 [3.6]	11.58	13.25	1,425 [673]
	RCHA-48A1	40,000 [11.7]	27,650 [8.1]	12,350 [3.6]	11.03	12.80	1,400 [661]
	RCHA-48A1+-BHC-21	40,000 [11.7]	27,600 [8.1]	12,400 [3.6]	11.06	12.60	1,400 [661]
	RCHA-48A1+-BHC-22	40,000 [11.7]	27,600 [8.1]	12,400 [3.6]	11.06	12.60	1,400 [661]
	RCHA-48A1+-GFD-09?ZCM?	40,000 [11.7]	28,200 [8.3]	11,800 [3.5]	11.64	13.35	1,325 [625]
	RCHA-48A1+-GFD-10?ZCM?	40,000 [11.7]	28,050 [8.2]	11,950 [3.5]	11.48	13.15	1,325 [625]
	RCHA-48A1+-GPL-07?BRQ	40,500 [11.9]	28,350 [8.3]	12,150 [3.6]	11.97	13.75	1,400 [661]
	RCHA-48A1+-GPL-10?BRM	40,500 [11.9]	28,200 [8.3]	12,300 [3.6]	11.76	13.50	1,425 [673]
	RCHA-48A1+-GGD-09?ZCM	40,500 [11.9]	28,000 [8.2]	12,500 [3.7]	11.56	13.25	1,425 [673]
	RCHA-48A1+-GGD-10?ZCM	40,500 [11.9]	28,050 [8.2]	12,450 [3.6]	11.58	13.25	1,425 [673]
	RCBA-60**+RXCT-BCJ	40,500 [11.9]	28,400 [8.3]	12,100 [3.5]	11.20	12.80	1,400 [661]
	RCBA-60**+-BHK-24+RXCT-BCJ	41,500 [12.2]	29,350 [8.6]	12,150 [3.6]	12.36	14.10	1,400 [661]
	RCGJ-48A1	40,500 [11.9]	28,400 [8.3]	12,100 [3.5]	11.20	12.80	1,400 [661]
	RCGJ-48A1+-BHK-24	41,500 [12.2]	29,350 [8.6]	12,150 [3.6]	12.36	14.10	1,400 [661]
	RCGJ-48A1+-GFD-09?ZCM?	40,500 [11.9]	28,950 [8.5]	11,550 [3.4]	11.73	13.35	1,325 [625]
	RCGJ-48A1+-GFD-10?ZCM?	40,500 [11.9]	28,800 [8.4]	11,700 [3.4]	11.57	13.15	1,325 [625]
RCGJ-48A1+-GFD-12?ZCM?	41,000 [12.0]	28,750 [8.4]	12,250 [3.6]	11.72	13.30	1,475 [696]	

① Highest sales volume tested combination required by D.O.E. test procedures.

[] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling (Con't)

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					Indoor CFM [L/s]
Outdoor Unit UAND-	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER	
042	RCGJ-48A1+-GPL-07?BRQ	41,000 [12.0]	29,100 [8.5]	11,900 [3.5]	12.07	13.75	1,400 [661]
	RCGJ-48A1+-GPL-10?BRM	41,000 [12.0]	28,950 [8.5]	12,050 [3.5]	11.86	13.45	1,425 [673]
	RCGJ-48A1+-GPL-12?ARM	41,000 [12.0]	29,100 [8.5]	11,900 [3.5]	12.03	13.70	1,400 [661]
	RCGJ-48A1+-GGD-09?ZCM	41,000 [12.0]	28,850 [8.5]	12,150 [3.6]	11.73	13.30	1,425 [673]
	RCGJ-48A1+-GGD-10?ZCM	41,000 [12.0]	28,850 [8.5]	12,150 [3.6]	11.75	13.35	1,425 [673]
	RCHJ-48A1+-GGD-12?RCM	41,500 [12.2]	28,950 [8.5]	12,550 [3.7]	11.94	13.55	1,450 [684]
	RCHJ-48A1	40,500 [11.9]	28,400 [8.3]	12,100 [3.5]	11.20	12.80	1,400 [661]
	RCHJ-48A1+BHK-24	41,500 [12.2]	29,350 [8.6]	12,150 [3.6]	12.36	14.10	1,400 [661]
	RCHJ-48A1+GFD-09?ZCM?	40,500 [11.9]	28,950 [8.5]	11,550 [3.4]	11.73	13.35	1,325 [625]
	RCHJ-48A1+GFD-10?ZCM?	40,500 [11.9]	28,800 [8.4]	11,700 [3.4]	11.57	13.15	1,325 [625]
	RCHJ-48A1+GFD-12?ZCM?	41,000 [12.0]	28,750 [8.4]	12,250 [3.6]	11.72	13.30	1,475 [696]
	RCHJ-48A1+GPL-07?BRQ	41,000 [12.0]	29,100 [8.5]	11,900 [3.5]	12.07	13.75	1,400 [661]
	RCHJ-48A1+GPL-10?BRM	41,000 [12.0]	28,950 [8.5]	12,150 [3.6]	11.86	13.45	1,425 [673]
	RCHJ-48A1+GPL-12?ARM	41,000 [12.0]	29,100 [8.5]	11,900 [3.5]	12.03	13.70	1,400 [661]
	RCHJ-48A1+GGD-09?ZCM	41,000 [12.0]	28,850 [8.5]	12,150 [3.6]	11.73	13.30	1,425 [673]
	RCHJ-48A1+GGD-10?ZCM	41,000 [12.0]	28,850 [8.5]	12,150 [3.6]	11.75	13.35	1,425 [673]
	RCHJ-48A1+GGD-12?RCM	41,500 [12.2]	28,950 [8.5]	12,550 [3.7]	11.94	13.55	1,450 [684]
	RCQC-4821	42,000 [12.3]	30,900 [9.1]	11,100 [3.3]	11.54	13.10	1,400 [661]
	RCQC-4821+GFD-09?ZCM?	42,000 [12.3]	31,250 [9.2]	10,750 [3.2]	11.87	13.35	1,325 [625]
	RCQC-4821+GFD-10?ZCM?	42,000 [12.3]	31,150 [9.1]	10,850 [3.2]	11.73	13.20	1,325 [625]
	RCQC-4821+GPL-07?BRQ	42,500 [12.5]	31,450 [9.2]	11,050 [3.2]	12.24	13.80	1,400 [661]
	RCQC-4821+GPL-10?BRM	42,500 [12.5]	31,250 [9.2]	11,250 [3.3]	11.99	13.50	1,425 [673]
	RCQC-4824	42,000 [12.3]	30,900 [9.1]	11,100 [3.3]	11.54	13.10	1,400 [661]
	RCQC-4824+GFD-09?ZCM?	42,000 [12.3]	31,350 [9.2]	10,650 [3.1]	11.98	13.50	1,325 [625]
	RCQC-4824+GFD-10?ZCM?	42,000 [12.3]	31,200 [9.1]	10,800 [3.2]	11.83	13.30	1,325 [625]
	RCQC-4824+GFD-12?ZCM?	42,500 [12.5]	31,150 [9.1]	11,350 [3.3]	11.96	13.45	1,475 [696]
	RCQC-4824+GPL-07?BRQ	42,500 [12.5]	31,500 [9.2]	11,000 [3.2]	12.33	13.90	1,400 [661]
	RCQC-4824+GPL-10?BRM	42,500 [12.5]	31,300 [9.2]	11,200 [3.3]	12.09	13.60	1,425 [673]
	RCQC-4824+GPL-12?ARM	42,500 [12.5]	31,500 [9.2]	11,000 [3.2]	12.29	13.85	1,400 [661]
	RCTH-A048	40,500 [11.9]	30,450 [8.9]	10,050 [2.9]	11.22	12.80	1,400 [661]
RCTA-A048	39,500 [11.6]	28,250 [8.3]	11,250 [3.3]	10.99	12.75	1,400 [661]	
048	RCFA-HM4821A* ①	47,500 [13.9]	34,300 [10.1]	13,200 [3.9]	11.68	13.00	1,550 [732]
	RCBA-48**+RXCT-BCE	45,000 [13.2]	31,500 [9.2]	13,500 [4.0]	11.09	12.60	1,600 [755]
	RCBA-48**+BHC-21+RXCT-BCE	45,000 [13.2]	31,350 [9.2]	13,650 [4.0]	10.89	12.25	1,600 [755]
	RCBA-48**+BHC-22+RXCT-BCE	45,000 [13.2]	31,350 [9.2]	13,650 [4.0]	10.89	12.25	1,600 [755]
	RCGA-48A1	45,000 [13.2]	31,500 [9.2]	13,500 [4.0]	11.09	12.60	1,600 [755]
	RCGA-48A1+-BHC-21	45,000 [13.2]	31,350 [9.2]	13,650 [4.0]	10.89	12.25	1,600 [755]
	RCGA-48A1+-BHC-22	45,000 [13.2]	31,350 [9.2]	13,650 [4.0]	10.89	12.25	1,600 [755]
	RCGA-48A1+-GFD-09?ZCM?	45,000 [13.2]	31,650 [9.3]	13,350 [3.9]	11.19	12.65	1,600 [755]
	RCGA-48A1+-GFD-10?ZCM?	45,000 [13.2]	31,350 [9.2]	13,650 [4.0]	10.91	12.30	1,625 [767]
	RCGA-48A1+-GPL-07?BRQ	45,500 [13.3]	32,000 [9.4]	13,500 [4.0]	11.58	13.10	1,625 [767]
	RCGA-48A1+-GPL-10?BRM	45,500 [13.3]	31,800 [9.3]	13,700 [4.0]	11.35	12.85	1,625 [767]
	RCGA-48A1+-GGD-10?ZCM	45,000 [13.2]	31,450 [9.2]	13,550 [4.0]	10.99	12.40	1,625 [767]
	RCHA-48A1	45,000 [13.2]	31,500 [9.2]	13,500 [4.0]	11.09	12.60	1,600 [755]
	RCHA-48A1+-BHC-21	45,000 [13.2]	31,350 [9.2]	13,650 [4.0]	10.89	12.25	1,600 [755]
	RCHA-48A1+-BHC-22	45,000 [13.2]	31,350 [9.2]	13,650 [4.0]	10.89	12.25	1,600 [755]
	RCHA-48A1+-GFD-09?ZCM?	45,000 [13.2]	31,650 [9.3]	13,350 [3.9]	11.19	12.65	1,600 [755]
	RCHA-48A1+-GFD-10?ZCM?	45,000 [13.2]	31,350 [9.2]	13,650 [4.0]	10.91	12.30	1,625 [767]
	RCHA-48A1+-GPL-07?BRQ	45,500 [13.3]	32,000 [9.4]	13,500 [4.0]	11.58	13.10	1,625 [767]
	RCHA-48A1+-GPL-10?BRM	45,500 [13.3]	31,800 [9.3]	13,700 [4.0]	11.35	12.85	1,625 [767]
	RCHA-48A1+-GGD-10?ZCM	45,000 [13.2]	31,450 [9.2]	13,550 [4.0]	10.99	12.40	1,625 [767]
RCBA-60**+RXCT-BCK	46,000 [13.5]	32,400 [9.5]	13,600 [4.0]	11.27	12.85	1,600 [755]	

① Highest sales volume tested combination required by D.O.E. test procedures.

[] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling (Con't)

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					Indoor CFM [L/s]
Outdoor Unit UAND-	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER	
048	RCBA-60**+-BHK-24+RXCT-BCK	47,000 [13.8]	33,150 [9.7]	13,850 [4.1]	12.10	13.75	1,600 [755]
	RCGJ-60A1	46,000 [13.5]	32,400 [9.5]	13,600 [4.0]	11.27	12.85	1,600 [755]
	RCGJ-60A1+-BHK-24	47,000 [13.8]	33,150 [9.7]	13,850 [4.1]	12.10	13.75	1,600 [755]
	RCGJ-60A1+-GFD-09?ZCM?	46,000 [13.5]	32,550 [9.5]	13,450 [3.9]	11.40	12.85	1,600 [755]
	RCGJ-60A1+-GFD-10?ZCM?	46,000 [13.5]	32,250 [9.5]	13,750 [4.0]	11.11	12.50	1,625 [767]
	RCGJ-60A1+-GFD-12?ZCM?	46,000 [13.5]	32,950 [9.7]	13,050 [3.8]	11.65	13.20	1,475 [696]
	RCGJ-60A1+-GPL-07?BRQ	46,500 [13.6]	32,900 [9.6]	13,600 [4.0]	11.79	13.35	1,625 [767]
	RCGJ-60A1+-GPL-10?BRM	46,500 [13.6]	32,700 [9.6]	13,800 [4.0]	11.56	13.05	1,625 [767]
	RCGJ-60A1+-GPL-12?ARM	46,500 [13.6]	32,900 [9.6]	13,600 [4.0]	11.81	13.40	1,575 [743]
	RCGJ-60A1+-GGD-10?ZCM	46,000 [13.5]	32,400 [9.5]	13,600 [4.0]	11.27	12.70	1,625 [767]
	RCGJ-60A1+-GGD-12?RCM	46,000 [13.5]	33,150 [9.7]	12,850 [3.8]	11.85	13.45	1,450 [684]
	RCHJ-48A2	46,000 [13.5]	32,400 [9.5]	13,600 [4.0]	11.27	12.85	1,600 [755]
	RCHJ-48A2+-BHK-24	47,000 [13.8]	33,150 [9.7]	13,850 [4.1]	12.10	13.75	1,600 [755]
	RCHJ-48A2+-GFD-09?ZCM?	46,000 [13.5]	32,550 [9.5]	13,450 [3.9]	11.40	12.85	1,600 [755]
	RCHJ-48A2+-GFD-10?ZCM?	46,000 [13.5]	32,250 [9.5]	13,750 [4.0]	11.11	12.50	1,625 [767]
	RCHJ-48A2+-GFD-12?ZCM?	46,000 [13.5]	32,950 [9.7]	13,050 [3.8]	11.65	13.20	1,475 [696]
	RCHJ-48A2+-GPL-07?BRQ	46,500 [13.6]	32,900 [9.6]	13,600 [4.0]	11.79	13.35	1,625 [767]
	RCHJ-48A2+-GPL-10?BRM	46,500 [13.6]	32,700 [9.6]	13,800 [4.0]	11.56	13.05	1,625 [767]
	RCHJ-48A2+-GPL-12?ARM	46,500 [13.6]	32,900 [9.6]	13,600 [4.0]	11.81	13.40	1,575 [743]
	RCHJ-48A2+-GGD-10?ZCM	46,000 [13.5]	32,400 [9.5]	13,600 [4.0]	11.27	12.70	1,625 [767]
	RCHJ-48A2+-GGD-12?RCM	46,000 [13.5]	33,150 [9.7]	12,850 [3.8]	11.85	13.45	1,450 [684]
	RCQC-4821	48,000 [14.1]	35,150 [10.3]	12,850 [3.8]	11.62	13.25	1,600 [755]
	RCQC-4821+-GFD-09?ZCM?	48,000 [14.1]	35,050 [10.3]	12,950 [3.8]	11.54	12.90	1,600 [755]
	RCQC-4821+-GFD-10?ZCM?	47,500 [13.9]	34,750 [10.2]	12,750 [3.7]	11.23	12.55	1,625 [767]
	RCQC-4821+-GPL-07?BRQ	48,500 [14.2]	35,450 [10.4]	13,050 [3.8]	11.96	13.40	1,625 [767]
	RCQC-4821+-GPL-10?BRM	48,000 [14.1]	35,200 [10.3]	12,800 [3.8]	11.70	13.10	1,625 [767]
	RCQC-4824	48,000 [14.1]	35,150 [10.3]	12,850 [3.8]	11.62	13.25	1,600 [755]
	RCQC-4824+-GFD-09?ZCM?	48,000 [14.1]	35,150 [10.3]	12,850 [3.8]	11.65	13.05	1,600 [755]
	RCQC-4824+-GFD-10?ZCM?	47,500 [13.9]	34,850 [10.2]	12,650 [3.7]	11.34	12.65	1,625 [767]
	RCQC-4824+-GFD-12?ZCM?	47,500 [13.9]	35,600 [10.4]	11,900 [3.5]	11.97	13.45	1,475 [696]
	RCQC-4824+-GPL-07?BRQ	48,500 [14.2]	35,550 [10.4]	12,950 [3.8]	12.06	13.55	1,625 [767]
	RCQC-4824+-GPL-10?BRM	48,000 [14.1]	35,300 [10.3]	12,700 [3.7]	11.81	13.25	1,625 [767]
RCQC-4824+-GPL-12?ARM	48,500 [14.2]	35,550 [10.4]	12,950 [3.8]	12.09	13.60	1,575 [743]	
RCTH-A060	46,500 [13.6]	35,200 [10.3]	11,300 [3.3]	11.37	13.00	1,600 [755]	
060	RCFA-HM6024A* ①	57,500 [16.9]	39,700 [11.6]	17,800 [5.2]	11.35	13.00	1,675 [791]
	RCBA-60**+RXCT-BCF	54,500 [16.0]	36,650 [10.7]	17,850 [5.2]	10.52	12.20	2,000 [944]
	RCGA-60A1	54,500 [16.0]	36,650 [10.7]	17,850 [5.2]	10.52	12.20	2,000 [944]
	RCGA-60A1+-BHK-25	53,500 [15.7]	37,900 [11.1]	15,600 [4.6]	11.17	12.90	1,600 [755]
	RCGA-60A1+-GFD-09?ZCM?	53,000 [15.5]	37,300 [10.9]	15,700 [4.6]	10.64	12.20	1,600 [755]
	RCGA-60A1+-GFD-10?ZCM?	53,000 [15.5]	37,000 [10.8]	16,000 [4.7]	10.45	11.95	1,625 [767]
	RCGA-60A1+-GFD-12?ZCM?	53,500 [15.7]	37,400 [11.0]	16,100 [4.7]	10.78	12.40	1,650 [779]
	RCGA-60A1+-GPL-07?BRQ	53,500 [15.7]	37,650 [11.0]	15,850 [4.6]	10.96	12.60	1,625 [767]
	RCGA-60A1+-GPL-10?BRM	53,500 [15.7]	37,450 [11.0]	16,050 [4.7]	10.79	12.40	1,625 [767]
	RCGA-60A1+-GPL-12?ARM	53,500 [15.7]	37,650 [11.0]	15,850 [4.6]	10.93	12.60	1,575 [743]
	RCGA-60A1+-GGD-09?ZCM	53,500 [15.7]	37,050 [10.9]	16,450 [4.8]	10.54	12.10	1,675 [791]
	RCGA-60A1+-GGD-10?ZCM	53,000 [15.5]	37,150 [10.9]	15,850 [4.6]	10.57	12.10	1,625 [767]
	RCGA-60A1+-GGD-12?RCM	53,500 [15.7]	37,350 [10.9]	16,150 [4.7]	10.72	12.30	1,650 [779]
	RCHA-60A1	54,500 [16.0]	36,650 [10.7]	17,850 [5.2]	10.52	12.20	2,000 [944]
	RCHA-60A1+-BHK-24	53,500 [15.7]	37,900 [11.1]	15,600 [4.6]	11.17	12.90	1,600 [755]
	RCHA-60A1+-GFD-09?ZCM?	53,000 [15.5]	37,300 [10.9]	15,700 [4.6]	10.64	12.20	1,600 [755]
RCHA-60A1+-GFD-10?ZCM?	53,000 [15.5]	37,000 [10.8]	16,000 [4.7]	10.45	11.95	1,625 [767]	

① Highest sales volume tested combination required by D.O.E. test procedures.

[] Designates Metric Conversions

Performance Data @ ARI Standard Conditions—Cooling (Con't)

Model Numbers		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air					Indoor CFM [L/s]
Outdoor Unit UAND-	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sensible BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER	
060	RCHA-60A1+-GFD-12?ZCM?	53,500 [15.7]	37,400 [11.0]	16,100 [4.7]	10.78	12.40	1,650 [779]
	RCHA-60A1+-GPL-07?BRQ	53,500 [15.7]	37,650 [11.0]	15,850 [4.6]	10.96	12.60	1,625 [767]
	RCHA-60A1+-GPL-10?BRM	53,500 [15.7]	37,450 [11.0]	16,050 [4.7]	10.79	12.40	1,625 [767]
	RCHA-60A1+GPL-12?ARM	53,500 [15.7]	37,650 [11.0]	15,850 [4.6]	10.93	12.60	1,575 [743]
	RCHA-60A1+GGD-09?ZCM	53,500 [15.7]	37,050 [10.9]	16,450 [4.8]	10.54	12.10	1,675 [791]
	RCHA-60A1+GGD-10?ZCM	53,000 [15.5]	37,150 [10.9]	15,850 [4.6]	10.57	12.10	1,625 [767]
	RCHA-60A1+GGD-12?RCM	53,500 [15.7]	37,350 [10.9]	16,150 [4.7]	10.72	12.30	1,650 [779]
	RCGJ-60A1	55,500 [16.3]	38,300 [11.2]	17,200 [5.0]	10.63	12.30	2,000 [944]
	RCGJ-60A1+BHC-24	53,500 [15.7]	37,050 [10.9]	16,450 [4.8]	10.54	12.10	1,675 [791]
	RCGJ-60A1+BHC-26	53,000 [15.5]	37,150 [10.9]	15,850 [4.6]	10.57	12.10	1,625 [767]
	RCGJ-60A1+BHK-24	53,500 [15.7]	37,900 [11.1]	15,600 [4.6]	11.17	12.90	1,600 [755]
	RCGJ-60A1+GFD-09?ZCM?	53,000 [15.5]	37,300 [10.9]	15,700 [4.6]	10.64	12.20	1,600 [755]
	RCGJ-60A1+GFD-10?ZCM?	53,000 [15.5]	37,000 [10.8]	16,000 [4.7]	10.45	11.95	1,625 [767]
	RCGJ-60A1+GFD-12?ZCM?	53,500 [15.7]	37,400 [11.0]	16,100 [4.7]	10.78	12.40	1,650 [779]
	RCGJ-60A1+GPL-07?BRQ	53,500 [15.7]	37,650 [11.0]	15,850 [4.6]	10.96	12.60	1,625 [767]
	RCGJ-60A1+GPL-10?BRM	53,500 [15.7]	37,450 [11.0]	16,050 [4.7]	10.79	12.40	1,625 [767]
	RCGJ-60A1+GPL-12?ARM	53,500 [15.7]	37,650 [11.0]	15,850 [4.6]	10.93	12.60	1,575 [743]
	RCGJ-60A1+GGD-09?ZCM	53,500 [15.7]	37,050 [10.9]	16,450 [4.8]	10.54	12.10	1,675 [791]
	RCGJ-60A1+GGD-10?ZCM	53,000 [15.5]	37,150 [10.9]	15,850 [4.6]	10.57	12.10	1,625 [767]
	RCGJ-60A1+GGD-12?RCM	53,500 [15.7]	37,350 [10.9]	16,150 [4.7]	10.72	12.30	1,650 [779]
	RCHJ-60A1	55,500 [16.3]	38,300 [11.2]	17,200 [5.0]	10.63	12.30	2,000 [944]
	RCHJ-60A1+BHC-24	53,500 [15.7]	37,050 [10.9]	16,450 [4.8]	10.54	12.10	1,675 [791]
	RCHJ-60A1+BHC-26	53,000 [15.5]	37,150 [10.9]	15,850 [4.6]	10.57	12.10	1,625 [767]
	RCHJ-60A1+BHK-24	53,500 [15.7]	37,900 [11.1]	15,600 [4.6]	11.17	12.90	1,600 [755]
	RCHJ-60A1+GFD-09?ZCM?	53,000 [15.5]	37,300 [10.9]	15,700 [4.6]	10.64	12.20	1,600 [755]
	RCHJ-60A1+GFD-10?ZCM?	53,000 [15.5]	37,000 [10.8]	16,000 [4.7]	10.45	11.95	1,625 [767]
	RCHJ-60A1+GFD-12?ZCM?	53,500 [15.7]	37,400 [11.0]	16,100 [4.7]	10.78	12.40	1,650 [779]
	RCHJ-60A1+GPL-07?BRQ	53,500 [15.7]	37,650 [11.0]	15,850 [4.6]	10.96	12.60	1,625 [767]
	RCHJ-60A1+GPL-10?BRM	53,500 [15.7]	37,450 [11.0]	16,050 [4.7]	10.79	12.40	1,625 [767]
	RCHJ-60A1+GPL-12?ARM	53,500 [15.7]	37,650 [11.0]	15,850 [4.6]	10.93	12.60	1,575 [743]
	RCHJ-60A1+GGD-09?ZCM	53,500 [15.7]	37,050 [10.9]	16,450 [4.8]	10.54	12.10	1,675 [791]
	RCHJ-60A1+GGD-10?ZCM	53,000 [15.5]	37,150 [10.9]	15,850 [4.6]	10.57	12.10	1,625 [767]
RCHJ-60A1+GGD-12?RCM	53,500 [15.7]	37,350 [10.9]	16,150 [4.7]	10.72	12.30	1,650 [779]	
RCQC-6024A	56,000 [16.4]	39,700 [11.6]	16,300 [4.8]	10.78	12.55	2,000 [944]	
RCTH-A060	55,000 [16.1]	39,950 [11.7]	15,050 [4.4]	10.57	12.30	2,000 [944]	
RCTA-A060	53,500 [15.7]	37,100 [10.8]	16,400 [4.8]	10.39	12.05	2,000 [944]	

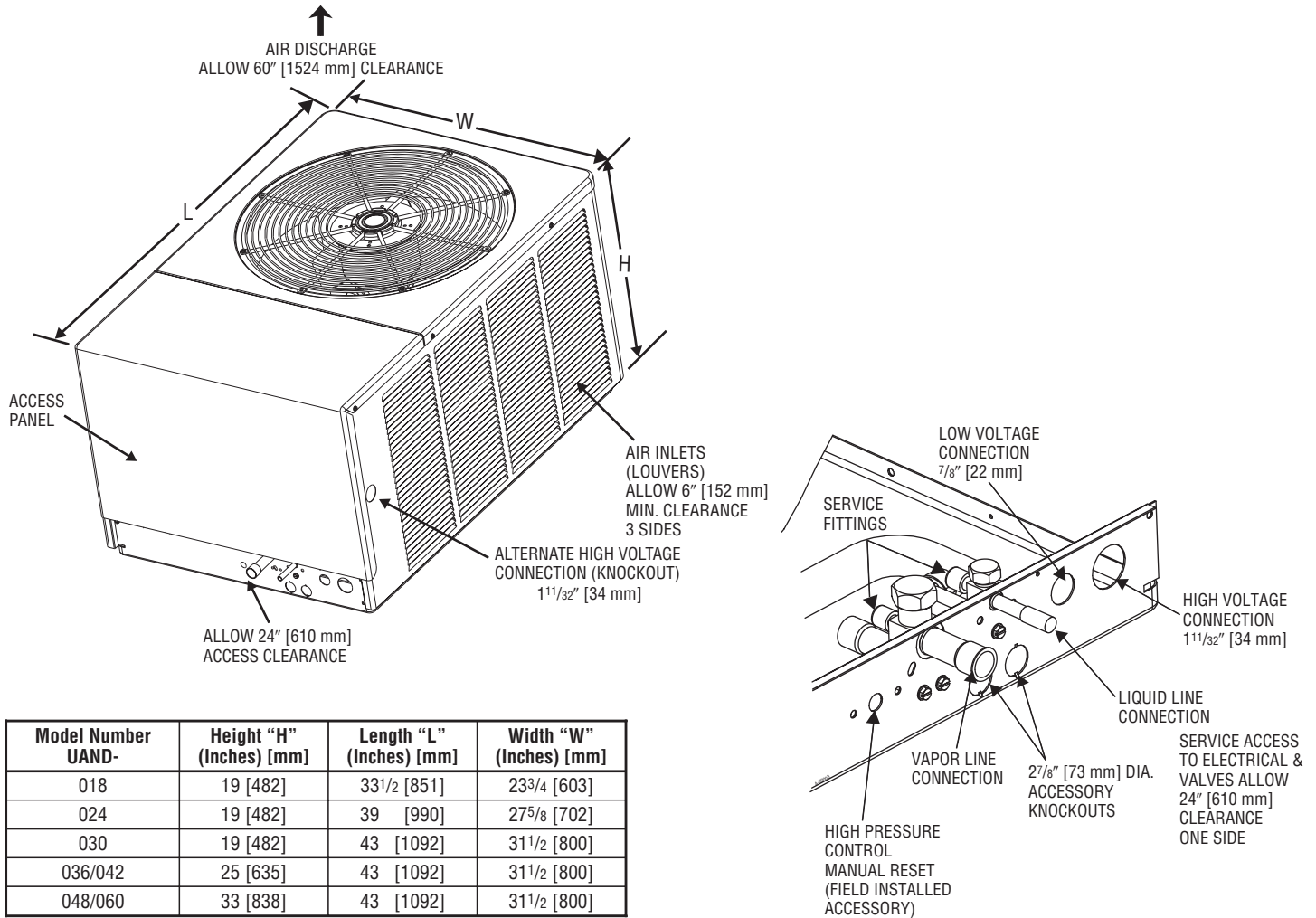
① Highest sales volume tested combination required by D.O.E. test procedures.

[] Designates Metric Conversions

Electrical and Physical Data

Model Number UAND-	ELECTRICAL						PHYSICAL						
	Phase Frequency (Hz) Voltage (Volts)	Compressor		Fan Motor Full Load Amperes (FLA)	Minimum Circuit Ampacity Amperes	Fuse or HACR Circuit Breaker		Outdoor Coil			Refrig. Per Circuit Oz. [g]	Weight	
		Rated Load Amperes (RLA)	Locked Rotor Amperes (LRA)			Minimum Amperes	Maximum Amperes	Face Area Sq. Ft. [m ²]	No. Rows	CFM [L/s]		Net Lbs. [kg]	Shipping Lbs. [kg]
018J*	1-60-208-230	7.7/7.7	40.3	0.6	11/11	15/15	15/15	9.07 [0.84]	1	1775 [838]	68 [1928]	135 [61.2]	145 [65.8]
024J*	1-60-208-230	10.4/10.4	54.0	0.6	14/14	20/20	20/20	11.01 [1.03]	1	1920 [905]	78 [2155]	145 [65.8]	155 [70.3]
030J*	1-60-208-230	14.1/14.1	68.0	0.8	19/19	25/25	30/30	12.94 [1.20]	1	2520 [1190]	88 [2495]	160 [72.6]	170 [77.1]
036J*	1-60-208-230	14.4/14.4	77.0	1.2	20/20	25/25	30/30	17.26 [1.60]	1	3290 [1552]	116 [3289]	180 [81.6]	190 [86.2]
042J*	1-60-208-230	19.2/19.2	104.0	1.2	26/26	35/35	40/40	17.26 [1.60]	1	3290 [1552]	136 [3855]	195 [88.5]	205 [93.0]
048J*	1-60-208-230	20.2/20.2	137.0	1.2	27/27	35/35	45/45	23.01 [2.14]	1	3500 [1652]	146 [4140]	225 [102.0]	235 [107.0]
060J*	1-60-208-230	25.3/25.3	141.0	1.2	33/33	40/40	50/50	23.01 [2.14]	1	3500 [1652]	176 [4940]	230 [104.3]	240 [109.0]

Unit Dimensions



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

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.

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

Condenser Coil leaks caused by
 factory defects.....Five (5) Years
 Compressor
 A-Series.....Eight (8) Years
 B-Series.....Seven (7) Years
 *Any Other PartFive (5) Years

*This five year limited warranty is applicable only to single-phase products installed in residential applications on or after January 1, 2001.

Condensing Unit Refrigerant Line Size Information

System Capacity Model	Liquid Line Connection Size (Inch I.D.) [mm]	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]					
018	3/8 [9.53]	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]
024	3/8 [9.53]	1/4* [6.35]	25 [7.62]	50 [15.24]				25 [7.62]	50 [15.24]					
		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]
030	3/8 [9.53]	1/4* [6.35]	25 [7.62]	50 [15.24]				25 [7.62]	50 [15.24]					
		5/16 [7.94]		19 [5.79]	33 [10.08]	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]	16 [4.57]					57 [17.37]	
036	3/8 [9.53]	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]
042	3/8 [9.53]	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]
048	3/8 [9.53]	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]
060	3/8 [9.53]	3/8* [9.53]	25 [7.62]	46 [14.63]	61 [18.59]	72 [21.95]		25 [7.62]	23 [7.01]	11 [3.35]	3 [.91]			
		1/2 [12.7]				35 [10.87]	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 Do not exceed 120 feet [36.58 m] maximum vertical separation.
- ③ Always use the smallest liquid line possible to minimize system charge.
- ④ Chart may be used to size horizontal runs.

NOTES:

- ① This chart is applicable for condensing units.
- ② This chart may also be used to size horizontal runs.
- 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							
UAND-	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		7/8" [22.23 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" [34.93 mm] O.D. Optional	
25' [7.62]	Optional	.98	.98	—	.99	.99	.99
	Standard	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
50' [15.24]	Optional	.96	.96	—	.97	.97	.97
	Standard	.99	.99	.99	.99	1.00	.99
	Optional	1.00	1.00	1.00	1.01	1.01	1.01
100' [30.48]	Optional	.93	.93	—	.93	.96	.95
	Standard	.99	.98	.97	.98	.99	.99
	Optional	1.00	.94	.99	1.00	1.00	1.00
150' [45.72]	Optional	—	—	—	.97	.93	.93
	Standard	.98	.97	.95	.96	.99	.98
	Optional	1.00	.98	.97	.99	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.

*Actual suction line connection is 7/8". Adapter to 1 1/8" [28.58 mm] factory supplied.

[] Designates Metric Conversions

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