

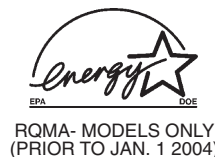


SELF-CONTAINED HEAT PUMP PACKAGE UNITS

FORM NO. P11-751 REV. 1
Supersedes Form No. P11-751

RQKA- STANDARD EFFICIENCY 10-SEER SERIES
NOMINAL SIZES 1.5-4 TONS [5-14.1 kW]

RQMA- HIGH EFFICIENCY 12-SEER SERIES
NOMINAL SIZES 1.5-3 TONS [5-10.6 kW]





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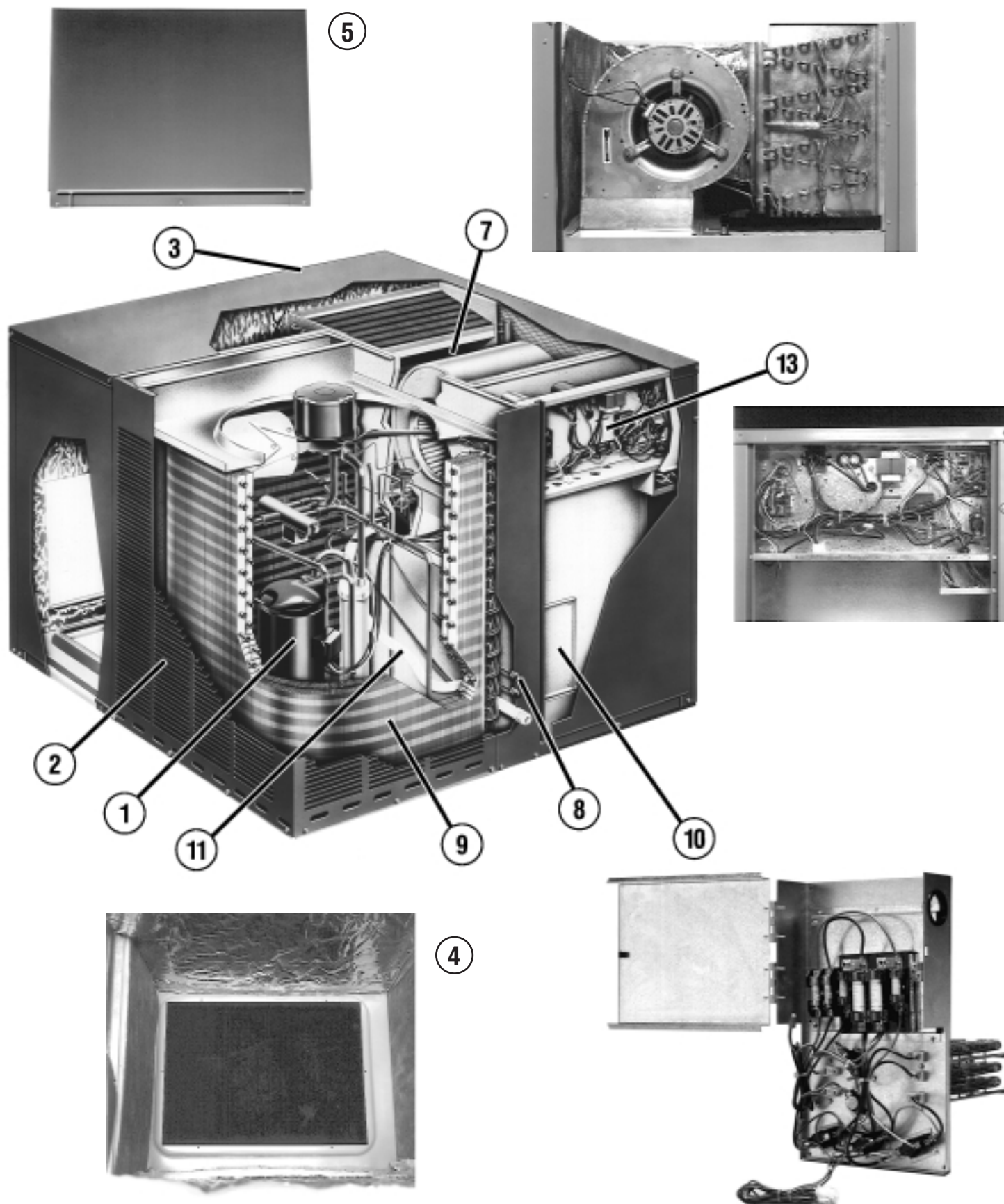
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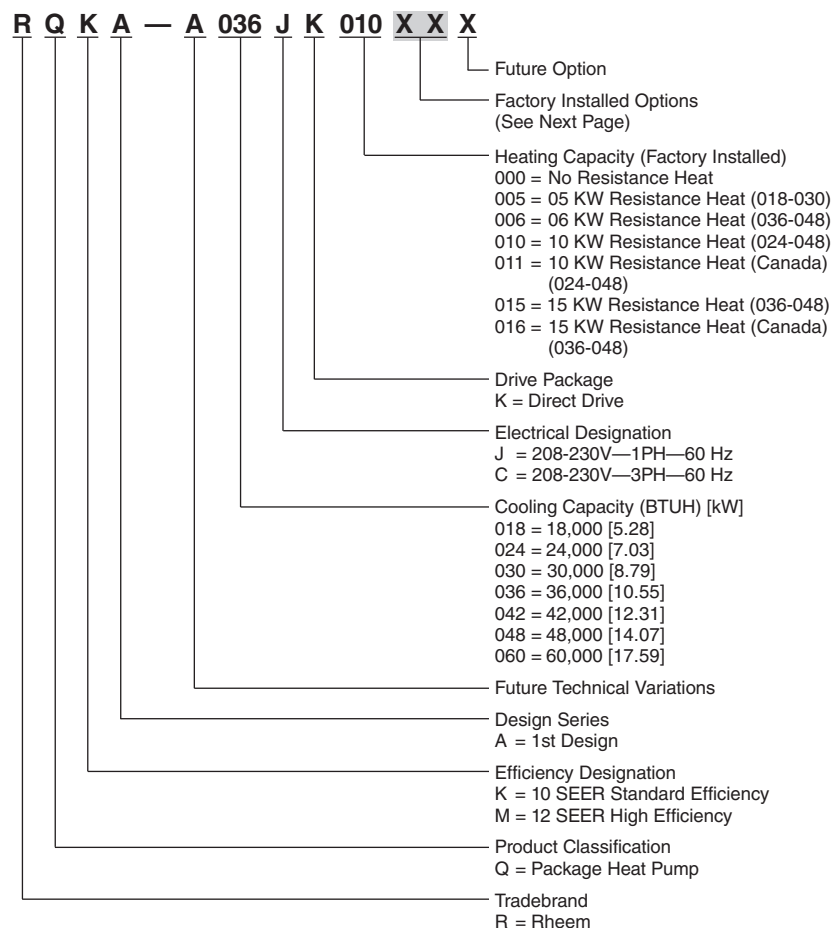
These quality features are included in the Rheem Outdoor Package Heat Pumps





Features Below Correspond to Photos on Page 3

1. All models feature Copeland® Scroll® compressors for maximum efficiency and quiet operation.
2. Louvered condenser compartment for protecting the coil against yard hazards and/or weather extremes.
3. One-piece top with a deep flange to help keep water out of the unit.
4. Supply and return air openings feature a one-inch tall flange to prevent water migration into the ductwork.
5. Access panels have “weep holes” and channels to further help manage water run-off.
6. Side and down discharge options available on all models. (Shipped Downflow Standard).
7. Easily accessible blower section complete with slide-out blower. All units feature a system matched MultiFlex® coil with low static pressure drop and excellent cooling capacities.
8. Refrigerant connections are conveniently located for easy service diagnostics.
9. Condenser and evaporator coils feature enhanced fins for better heat transfer and rifled copper tubing for greater efficiency.
10. Supplemental electric heat strips up to 15 kW are available (field or factory installed) for periods of extreme cold temperatures. Single point wiring makes installation even easier.
11. All units feature an internal trap on the condensate line eliminating the need for installing an on-site external trap.
12. Integral gasketing on the base rails is standard on those units shipped from the factory in the down-flow configuration.
13. Easily accessible control box.



[] Designates Metric Conversions



Instructions for Factory Installed Option(s) Selection

Note: Two characters following the model number will be utilized to designate a factory-installed option or combination of options. If no factory option(s) is required, nothing follows the model number.

Step 1. After a basic rooftop model is selected, choose a *two-character* option code from the FACTORY INSTALLED OPTION SELECTION TABLE.

FACTORY INSTALLED OPTION CODES

Option Code	Side Flow
AA	No Option
AKA	x

Example: RQKA-A036JK000**XX** (where **XX** is factory installed option)

Example: No Options
 RQKA-A036JK000

Example: Options with Sideflow
 RQKA-A036JK000AKA

Note: Factory installed economizer is not available on these models.



NOMINAL SIZES 1.5-4 TONS [5-14.1 kW]

Model RQKA- Series	A018JK	A024JK	A030JK	A036CK
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	18,600 [5.4]	24,000 [7]	31,200 [9.1]	37,200 [10.9]
EER/SEER ²	10.15/10	9.5/10	9.1/10	9.5/10
Nominal CFM/ARI Rated CFM [L/s]	600/600 [283/283]	800/800 [378/378]	1000/1000 [472/472]	1200/1200 [566/566]
ARI Net Cooling Capacity Btu [kW]	18,000 [5.3]	23,200 [6.8]	30,000 [8.8]	36,000 [10.5]
Net Sensible Capacity Btu [kW]	13,200 [3.9]	17,200 [5]	21,400 [6.3]	25,200 [7.4]
Net Latent Capacity Btu [kW]	4800 [1.4]	6000 [1.8]	8600 [2.5]	10,800 [3.2]
Net System Power kW	1.8	2.4	3.3	3.8
Heating Performance (Heat Pumps)				
Heating Input Btu [kW] Rating	18,000 [5.3]	23,600 [6.9]	29,600 [8.7]	36,000 [10.5]
System Power KW/COP	1.7/3.18	2.1/3.24	2.8/3.08	3.4/3.12
Low Temp. Btuh [kW] Rating	9400 [2.8]	12,600 [3.7]	16,400 [4.8]	21,600 [6.3]
System Power KW/COP	1.5/1.8	1.9/1.9	2.5/1.9	3.2/2
HSPF (Btu/Watts-hr)	6.8	6.8	6.8	6.8
Compressor				
No./Type	1/Copeland Scroll	1/Copeland Scroll	1/Copeland Scroll	1/Copeland Scroll
Outdoor Sound Rating (dB)³	76	76	76	76
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Smooth	Smooth	Smooth	Smooth
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	12.75 [1.18]	12.75 [1.18]	12.75 [1.18]	12.42 [1.15]
Rows / FPI [FPcm]	1 / 18 [7]	1 / 20 [8]	1 / 18 [7]	2 / 18 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Indoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.3125 [7.9]	0.3125 [7.9]	0.3125 [7.9]	0.3125 [7.9]
Face Area sq. ft. [sq. m]	7.6 [0.71]	7.6 [0.71]	10.13 [0.94]	10.13 [0.94]
Rows / FPI [FPcm]	1 / 18 [7]	1 / 18 [7]	1 / 18 [7]	1 / 18 [7]
Refrigerant Control	Orifices	Orifices	Orifices	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan—Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [559]	1/22 [559]	1/22 [559]	1/22 [559]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	1800 [849]	1800 [849]	2730 [1288]	2600 [1227]
No. Motors/HP	1 at 1/15 HP	1 at 1/15 HP	1 at 1/5 HP	1 at 1/5 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/9x7 [228.6x177.8]	1/9x7 [228.6x177.8]	1/10x9 [254x228.6]	1/10x9 [254x228.6]
Drive Type/No. Speeds	Direct/2	Direct/2	Direct/2	Direct/1
No. Motors	1	1	1	1
Motor HP	1/4	1/4	1/2	1/3
Motor RPM	1075	1075	1075	1075
Motor Frame Size	48	48	48	48
Filter—Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(No.) Size Recommended in. [mm]	(1)1x20x16 [25x508x406]	(1)1x20x20 [25x508x508]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	65 [1843]	62 [1758]	70 [1984]	103 [2920]
Weights				
Net Weight lbs. [kg]	360 [163]	362 [164]	389 [176]	405 [184]
Ship Weight lbs. [kg]	400 [181]	402 [182]	429 [195]	445 [202]

See Page 12 for Notes.

[] Designates Metric Conversions



NOMINAL SIZES 1.5-4 TONS [5-14.1 kW]

Model RQKA- Series	A036JK	A042CK	A042JK	A048CK
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	37,200 [10.9]	42,000 [12.3]	48,500 [14.2]	48,500 [14.2]
EER/SEER ²	9.5/10	9.1/10	9.1/10	9/10
Nominal CFM/ARI Rated CFM [L/s]	1200/1200 [566/566]	1400/1400 [661/661]	1400/1400 [661/661]	1600/1500 [755/708]
ARI Net Cooling Capacity Btu [kW]	36,000 [10.5]	40,500 [11.9]	40,500 [11.9]	46,500 [13.6]
Net Sensible Capacity Btu [kW]	25,200 [7.4]	29,000 [8.5]	29,000 [8.5]	32,100 [9.4]
Net Latent Capacity Btu [kW]	10,800 [3.2]	11,500 [3.4]	11,500 [3.4]	14,400 [4.2]
Net System Power kW	3.8	4.5	4.5	5.2
Heating Performance (Heat Pumps)				
Heating Input Btu [kW] Rating	36,000 [10.5]	41,000 [12]	41,000 [12]	48,000 [14.1]
System Power KW/COP	3.4/3.12	3.9/3.1	3.9/3.1	4.6/3.08
Low Temp. Btuh [kW] Rating	21,600 [6.3]	22,600 [6.6]	22,600 [6.6]	28,000 [8.2]
System Power KW/COP	3.2/2	3.4/1.96	3.4/1.96	4/2.06
HSPF (Btu/Watts-hr)	6.8	6.8	6.8	6.8
Compressor				
No./Type	1/Copeland Scroll	1/Copeland Scroll	1/Copeland Scroll	1/Copeland Scroll
Outdoor Sound Rating (dB)³	76	76	76	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Smooth	Smooth	Smooth	Smooth
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	12.42 [1.15]	12.42 [1.15]	12.42 [1.15]	12.42 [1.15]
Rows / FPI [FPcm]	2 / 18 [7]	2 / 18 [7]	2 / 18 [7]	2 / 18 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Indoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.3125 [7.9]	0.3125 [7.9]	0.3125 [7.9]	0.3125 [7.9]
Face Area sq. ft. [sq. m]	10.13 [0.94]	10.13 [0.94]	10.13 [0.94]	10.13 [0.94]
Rows / FPI [FPcm]	1 / 18 [7]	1 / 18 [7]	1 / 18 [7]	1 / 18 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan—Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [559]	1/22 [559]	1/22 [559]	1/22 [559]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	2600 [1227]	2600 [1227]	2600 [1227]	3000 [1416]
No. Motors/HP	1 at 1/5 HP	1 at 1/5 HP	1 at 1/5 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x9 [254x228.6]	1/10x9 [254x228.6]	1/10x9 [254x228.6]	1/10x9 [254x228.6]
Drive Type/No. Speeds	Direct/1	Direct/2	Direct/2	Direct/3
No. Motors	1	1	1	1
Motor HP	1/3	1/2	1/2	3/4
Motor RPM	1075	1075	1075	1075
Motor Frame Size	48	48	48	56
Filter—Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(No.) Size Recommended in. [mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	103 [2920]	139 [3941]	139 [3941]	138 [3912]
Weights				
Net Weight lbs. [kg]	409 [186]	416 [189]	420 [191]	441 [200]
Ship Weight lbs. [kg]	449 [204]	456 [207]	460 [209]	481 [218]

See Page 12 for Notes.

[] Designates Metric Conversions



NOMINAL SIZES 1.5-4 TONS [5-14.1 kW]

Model RQKA- Series	A048JK
Cooling Performance¹	
Gross Cooling Capacity Btu [kW]	48,500 [14.2]
EER/SEER ²	9/10
Nominal CFM/ARI Rated CFM [L/s]	1600/1500 [755/708]
ARI Net Cooling Capacity Btu [kW]	46,500 [13.6]
Net Sensible Capacity Btu [kW]	32,100 [9.4]
Net Latent Capacity Btu [kW]	14,400 [4.2]
Net System Power kW	5.2
Heating Performance (Heat Pumps)	
Heating Input Btu [kW] Rating	48,000 [14.1]
System Power KW/COP	4.6/3.08
Low Temp. Btuh [kW] Rating	28,000 [8.2]
System Power KW/COP	4/2.06
HSPF (Btu/Watts-hr)	6.8
Compressor	
No./Type	1/Copeland Scroll
Outdoor Sound Rating (dB)³	
78	
Outdoor Coil—Fin Type	
Louvered	
Tube Type	Smooth
Tube Size in. [mm] OD	0.375 [9.5]
Face Area sq. ft. [sq. m]	12.42 [1.15]
Rows / FPI [FPcm]	2 / 18 [7]
Refrigerant Control	TX Valves
Indoor Coil—Fin Type	
Louvered	
Tube Type	Rifled
Tube Size in. [mm]	0.3125 [7.9]
Face Area sq. ft. [sq. m]	10.13 [0.94]
Rows / FPI [FPcm]	1 / 18 [7]
Refrigerant Control	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]
Outdoor Fan—Type	
Propeller	
No. Used/Diameter in. [mm]	1/22 [559]
Drive Type/No. Speeds	Direct/1
CFM [L/s]	3000 [1416]
No. Motors/HP	1 at 1/3 HP
Motor RPM	1075
Indoor Fan—Type	
FC Centrifugal	
No. Used/Diameter in. [mm]	1/10x9 [254x228.6]
Drive Type/No. Speeds	Direct/1+B34
No. Motors	1
Motor HP	3/4
Motor RPM	1075
Motor Frame Size	48
Filter—Type	
Field Supplied	
Furnished	No
(No.) Size Recommended in. [mm]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	
138 [3912]	
Weights	
Net Weight lbs. [kg]	450 [204]
Ship Weight lbs. [kg]	490 [222]

See Page 12 for Notes.

[] Designates Metric Conversions



NOMINAL SIZES 1.5-3 TONS [5-10.6 kW]

Model RQMA- Series	A018JK	A024JK	A030JK	A036CK
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	19,600 [5.7]	25,000 [7.3]	30,200 [8.8]	36,600 [10.7]
EER/SEER ²	10.5/12	10.6/12	10.2/12	10.5/12
Nominal CFM/ARI Rated CFM [L/s]	600/700 [283/330]	800/800 [378/378]	1000/1050 [472/495]	1200/1200 [566/566]
ARI Net Cooling Capacity Btu [kW]	18,800 [5.5]	24,000 [7]	29,000 [8.5]	35,400 [10.4]
Net Sensible Capacity Btu [kW]	14,000 [4.1]	17,000 [5]	21,400 [6.3]	25,300 [7.4]
Net Latent Capacity Btu [kW]	4800 [1.4]	7000 [2.1]	7600 [2.2]	10,100 [3]
Net System Power kW	1.8	2.3	2.8	3.4
Heating Performance (Heat Pumps)				
Heating Input Btu [kW] Rating	18,800 [5.5]	24,000 [7]	29,000 [8.5]	35,800 [10.5]
System Power KW/COP	1.7/3.1	2.2/3.2	2.7/3.1	3.2/3.3
Low Temp. Btuh [kW] Rating	10,400 [3]	13,500 [4]	16,000 [4.7]	20,200 [5.9]
System Power KW/COP	1.6/1.96	2/2	2.3/2	2.9/2.08
HSPF (Btu/Watts-hr)	7.2	7.2	7.2	7.2
Compressor				
No./Type	1/Copeland Scroll	1/Copeland Scroll	1/Copeland Scroll	1/Copeland Scroll
Outdoor Sound Rating (dB)³	76	76	76	76
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Smooth	Smooth	Smooth	Smooth
Tube Size in. [mm] OD	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	12.42 [1.15]	12.42 [1.15]	12.42 [1.15]	12.42 [1.15]
Rows / FPI [FPcm]	2 / 18 [7]	2 / 18 [7]	2 / 18 [7]	2 / 18 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Indoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Tube Size in. [mm]	0.3125 [7.9]	0.3125 [7.9]	0.3125 [7.9]	0.3125 [7.9]
Face Area sq. ft. [sq. m]	10.13 [0.94]	10.13 [0.94]	10.13 [0.94]	10.13 [0.94]
Rows / FPI [FPcm]	1 / 18 [7]	1 / 18 [7]	1 / 18 [7]	1 / 18 [7]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]	1/0.75 [19.05]
Outdoor Fan—Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/22 [559]	1/22 [559]	1/22 [559]	1/22 [559]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	2600 [1227]	2600 [1227]	2600 [1227]	2600 [1227]
No. Motors/HP	1 at 1/5 HP	1 at 1/5 HP	1 at 1/5 HP	1 at 1/5 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/9x7 [228.6x177.8]	1/9x7 [228.6x177.8]	1/10x9 [254x228.6]	1/10x9 [254x228.6]
Drive Type/No. Speeds	Direct/2	Direct/2	Direct/2+D33	Direct/1
No. Motors	1	1	1	1
Motor HP	1/4	1/4	1/2	1/3
Motor RPM	1075	1075	1075	1075
Motor Frame Size	48	48	48	48
Filter—Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(No.) Size Recommended in. [mm]	(1)1x20x16 [25x508x406]	(1)1x20x20 [25x508x508]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	112 [3175]	112 [3175]	119 [3374]	106 [3005]
Weights				
Net Weight lbs. [kg]	383 [174]	395 [179]	405 [184]	405 [184]
Ship Weight lbs. [kg]	423 [192]	435 [197]	445 [202]	445 [202]

See Page 12 for Notes.

[] Designates Metric Conversions



NOMINAL SIZES 1.5-3 TONS [5-10.6 kW]

Model RQMA- Series	A036JK
Cooling Performance¹	
Gross Cooling Capacity Btu [kW]	36,600 [10.7]
EER/SEER ²	10.5/12
Nominal CFM/ARI Rated CFM [L/s]	1200/1200 [566/566]
ARI Net Cooling Capacity Btu [kW]	35,400 [10.4]
Net Sensible Capacity Btu [kW]	25,300 [7.4]
Net Latent Capacity Btu [kW]	10,100 [3]
Net System Power kW	3.4
Heating Performance (Heat Pumps)	
Heating Input Btu [kW] Rating	35,800 [10.5]
System Power KW/COP	3.2/3.3
Low Temp. Btuh [kW] Rating	20,200 [5.9]
System Power KW/COP	2.9/2.08
HSPF (Btu/Watts-hr)	7.2
Compressor	
No./Type	1/Copeland Scroll
Outdoor Sound Rating (dB)³	
76	
Outdoor Coil—Fin Type	
Louvered	
Tube Type	Smooth
Tube Size in. [mm] OD	0.375 [9.5]
Face Area sq. ft. [sq. m]	12.42 [1.15]
Rows / FPI [FPcm]	2 / 18 [7]
Refrigerant Control	TX Valves
Indoor Coil—Fin Type	
Louvered	
Tube Type	Rifled
Tube Size in. [mm]	0.3125 [7.9]
Face Area sq. ft. [sq. m]	10.13 [0.94]
Rows / FPI [FPcm]	1 / 18 [7]
Refrigerant Control	TX Valves
Drain Connection No./Size in. [mm]	1/0.75 [19.05]
Outdoor Fan—Type	
Propeller	
No. Used/Diameter in. [mm]	1/22 [559]
Drive Type/No. Speeds	Direct/1
CFM [L/s]	2600 [1227]
No. Motors/HP	1 at 1/5 HP
Motor RPM	1075
Indoor Fan—Type	
FC Centrifugal	
No. Used/Diameter in. [mm]	1/10x9 [254x228.6]
Drive Type/No. Speeds	Direct/1
No. Motors	1
Motor HP	1/3
Motor RPM	1075
Motor Frame Size	48
Filter—Type	
Field Supplied	
Furnished	No
(No.) Size Recommended in. [mm]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	
106 [3005]	
Weights	
Net Weight lbs. [kg]	405 [184]
Ship Weight lbs. [kg]	445 [202]

See Page 12 for Notes.

[] Designates Metric Conversions



NOTES:

1. Cooling Performance is rated at 95° F ambient, 80° F entering dry bulb, 67° F entering wet bulb. Gross capacity does not include the effect of fan motor heat. ARI capacity is net and includes the effect of fan motor heat. Units are suitable for operation to $\pm 20\%$ of nominal cfm. Units are certified in accordance with the Unitary Air Conditioner Equipment certification program, which is based on ARI Standard 210/240 or 360.
2. EER and/or SEER are rated at ARI conditions and in accordance with DOE test procedures.
3. Outdoor Sound Rating shown is tested in accordance with ARI Standard 270.

[] Designates Metric Conversions



SYSTEMS PERFORMANCE—RQKA- SERIES

GROSS SYSTEMS PERFORMANCE DATA—RQKA-A018

			ENTERING INDOOR AIR @ 80°F [26.7°C]								
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			660 [311]	600 [283]	510 [241]	660 [311]	600 [283]	510 [241]	660 [311]	600 [283]	510 [241]
DR ①			.27	.26	.24	.27	.26	.24	.27	.26	.24
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	21.9 [6.42]	21.6 [6.33]	21.1 [6.18]	20.0 [5.86]	19.7 [5.77]	19.2 [5.63]	18.6 [5.45]	18.3 [5.36]	17.8 [5.22]
		Sens BTUH [kW]	12.0 [3.52]	11.4 [3.34]	10.5 [3.08]	14.0 [4.10]	13.4 [3.93]	12.5 [3.66]	15.6 [4.57]	15.0 [4.40]	14.1 [4.13]
		Power	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	80 [26.7]	Total BTUH [kW]	21.2 [6.21]	20.9 [6.13]	20.4 [5.98]	19.3 [5.66]	19.0 [5.57]	18.5 [5.42]	17.9 [5.25]	17.6 [5.16]	17.1 [5.01]
		Sens BTUH [kW]	11.7 [3.43]	11.2 [3.28]	10.3 [3.02]	13.7 [4.02]	13.1 [3.84]	12.3 [3.60]	15.3 [4.48]	14.7 [4.31]	13.9 [4.07]
		Power	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	85 [29.4]	Total BTUH [kW]	20.7 [6.07]	20.3 [5.95]	19.9 [5.83]	18.8 [5.51]	18.5 [5.42]	18.0 [5.28]	17.4 [5.10]	17.0 [4.98]	16.6 [4.86]
		Sens BTUH [kW]	11.6 [3.40]	11.0 [3.22]	10.1 [2.96]	13.5 [3.96]	13.0 [3.81]	12.1 [3.55]	15.1 [4.43]	14.5 [4.25]	13.7 [4.02]
		Power	1.5	1.4	1.4	1.5	1.5	1.4	1.4	1.4	1.4
	90 [32.2]	Total BTUH [kW]	20.2 [5.92]	19.9 [5.83]	19.4 [5.69]	18.3 [5.36]	18.0 [5.28]	17.5 [5.13]	16.9 [4.95]	16.6 [4.86]	16.1 [4.72]
		Sens BTUH [kW]	11.4 [3.34]	10.8 [3.17]	9.9 [2.90]	13.4 [3.93]	12.8 [3.75]	11.9 [3.49]	15.0 [4.40]	14.4 [4.22]	13.5 [3.96]
		Power	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5
	95 [35]	Total BTUH [kW]	19.8 [5.80]	19.5 [5.71]	19.0 [5.57]	17.9 [5.25]	17.6 [5.16]	17.1 [5.01]	16.5 [4.84]	16.2 [4.75]	15.7 [4.60]
		Sens BTUH [kW]	11.2 [3.28]	10.6 [3.11]	9.7 [2.84]	13.2 [3.87]	12.6 [3.69]	11.7 [3.43]	14.8 [4.34]	14.2 [4.16]	13.3 [3.90]
		Power	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	100 [37.8]	Total BTUH [kW]	19.3 [5.66]	19.0 [5.57]	18.5 [5.42]	17.5 [5.13]	17.1 [5.01]	16.7 [4.89]	16.1 [4.72]	15.7 [4.60]	15.3 [4.48]
		Sens BTUH [kW]	11.0 [3.22]	10.4 [3.05]	9.5 [2.78]	13.0 [3.81]	12.4 [3.63]	11.5 [3.37]	14.5 [4.25]	14.0 [4.10]	13.1 [3.84]
		Power	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6
	105 [40.6]	Total BTUH [kW]	18.8 [5.51]	18.5 [5.42]	18.0 [5.28]	16.9 [4.95]	16.6 [4.86]	16.1 [4.72]	15.5 [4.54]	15.2 [4.45]	14.7 [4.31]
		Sens BTUH [kW]	10.7 [3.14]	10.1 [2.96]	9.2 [2.70]	12.7 [3.72]	12.1 [3.55]	11.2 [3.28]	14.3 [4.19]	13.7 [4.02]	12.8 [3.75]
		Power	1.8	1.7	1.7	1.8	1.8	1.7	1.7	1.7	1.7
	110 [43.3]	Total BTUH [kW]	18.1 [5.30]	17.8 [5.22]	17.3 [5.07]	16.2 [4.75]	15.9 [4.66]	15.4 [4.51]	14.8 [4.34]	14.5 [4.25]	14.0 [4.10]
		Sens BTUH [kW]	10.3 [3.02]	9.7 [2.84]	8.9 [2.61]	12.3 [3.60]	11.7 [3.43]	10.9 [3.19]	13.9 [4.07]	13.3 [3.90]	12.4 [3.63]
		Power	1.8	1.8	1.8	1.9	1.8	1.8	1.8	1.8	1.8
	115 [46.1]	Total BTUH [kW]	17.2 [5.04]	16.9 [4.95]	16.4 [4.81]	15.3 [4.48]	15.0 [4.40]	14.5 [4.25]	13.9 [4.07]	13.6 [3.99]	13.1 [3.84]
		Sens BTUH [kW]	9.9 [2.90]	9.3 [2.73]	8.4 [2.46]	11.9 [3.49]	11.3 [3.31]	10.4 [3.05]	13.4 [3.93]	12.9 [3.78]	12.0 [3.52]
		Power	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9

GROSS SYSTEMS PERFORMANCE DATA—RQKA-A024

			ENTERING INDOOR AIR @ 80°F [26.7°C]								
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			880 [415]	800 [378]	680 [321]	880 [415]	800 [378]	680 [321]	880 [415]	800 [378]	680 [321]
DR ①			.25	.24	.22	.25	.24	.22	.25	.24	.22
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	28.8 [8.44]	28.4 [8.32]	27.7 [8.12]	27.2 [7.97]	26.8 [7.85]	26.1 [7.65]	25.0 [7.33]	24.5 [7.18]	23.9 [7.00]
		Sens BTUH [kW]	15.8 [4.63]	14.9 [4.37]	13.7 [4.02]	18.9 [5.54]	18.1 [5.30]	16.9 [4.95]	21.4 [6.27]	20.6 [6.04]	19.3 [5.66]
		Power	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
	80 [26.7]	Total BTUH [kW]	28.8 [8.44]	28.4 [8.32]	27.7 [8.12]	27.2 [7.97]	26.7 [7.82]	26.1 [7.65]	25.0 [7.33]	24.5 [7.18]	23.8 [6.98]
		Sens BTUH [kW]	15.7 [4.60]	14.9 [4.37]	13.7 [4.02]	18.9 [5.54]	18.1 [5.30]	16.9 [4.95]	21.4 [6.27]	20.5 [6.01]	19.3 [5.66]
		Power	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0
	85 [29.4]	Total BTUH [kW]	28.4 [8.32]	28.0 [8.21]	27.3 [8.00]	26.8 [7.85]	26.3 [7.71]	25.7 [7.53]	24.6 [7.21]	24.1 [7.06]	23.4 [6.86]
		Sens BTUH [kW]	15.6 [4.57]	14.8 [4.34]	13.6 [3.99]	18.8 [5.51]	18.0 [5.28]	16.8 [4.92]	21.2 [6.21]	20.4 [5.98]	19.2 [5.63]
		Power	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1
	90 [32.2]	Total BTUH [kW]	27.8 [8.15]	27.3 [8.00]	26.6 [7.80]	26.1 [7.65]	25.7 [7.53]	25.0 [7.33]	23.9 [7.00]	23.4 [6.86]	22.8 [6.68]
		Sens BTUH [kW]	15.4 [4.51]	14.6 [4.28]	13.4 [3.93]	18.6 [5.45]	17.8 [5.22]	16.6 [4.86]	21.0 [6.15]	20.2 [5.92]	19.0 [5.57]
		Power	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2
	95 [35]	Total BTUH [kW]	26.9 [7.88]	26.4 [7.74]	25.8 [7.56]	25.3 [7.41]	24.8 [7.27]	24.1 [7.06]	23.0 [6.74]	22.6 [6.62]	21.9 [6.42]
		Sens BTUH [kW]	15.2 [4.45]	14.3 [4.19]	13.1 [3.84]	18.3 [5.36]	17.5 [5.13]	16.3 [4.78]	20.8 [6.10]	20.0 [5.86]	18.7 [5.48]
		Power	2.5	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.4
	100 [37.8]	Total BTUH [kW]	25.9 [7.59]	25.5 [7.47]	24.8 [7.27]	24.3 [7.12]	23.9 [7.00]	23.2 [6.80]	22.1 [6.48]	21.6 [6.33]	21.0 [6.15]
		Sens BTUH [kW]	14.8 [4.34]	14.0 [4.10]	12.8 [3.75]	18.0 [5.28]	17.2 [5.04]	15.9 [4.66]	20.4 [5.98]	19.6 [5.74]	18.4 [5.39]
		Power	2.6	2.6	2.5	2.6	2.6	2.5	2.5	2.5	2.5
	105 [40.6]	Total BTUH [kW]	25.0 [7.33]	24.5 [7.18]	23.8 [6.98]	23.3 [6.83]	22.9 [6.71]	22.2 [6.51]	21.1 [6.18]	20.7 [6.07]	20.0 [5.86]
		Sens BTUH [kW]	14.4 [4.22]	13.6 [3.99]	12.4 [3.63]	17.6 [5.16]	16.8 [4.92]	15.5 [4.54]	20.0 [5.86]	19.2 [5.63]	18.0 [5.28]
		Power	2.7	2.7	2.6	2.7	2.7	2.6	2.6	2.6	2.6
	110 [43.3]	Total BTUH [kW]	24.1 [7.06]	23.6 [6.92]	22.9 [6.71]	22.4 [6.56]	22.0 [6.45]	21.3 [6.24]	20.2 [5.92]	19.8 [5.80]	19.1 [5.60]
		Sens BTUH [kW]	13.9 [4.07]	13.1 [3.84]	11.9 [3.49]	17.1 [5.01]	16.3 [4.78]	15.1 [4.43]	19.6 [5.74]	18.7 [5.48]	17.5 [5.13]
		Power	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.7
	115 [46.1]	Total BTUH [kW]	23.3 [6.83]	22.9 [6.71]	22.2 [6.51]	21.7 [6.36]	21.3 [6.24]	20.6 [6.04]	19.5 [5.71]	19.0 [5.57]	18.4 [5.39]
		Sens BTUH [kW]	13.4 [3.93]	12.6 [3.69]	11.4 [3.34]	16.6 [4.86]	15.8 [4.63]	14.6 [4.28]	19.0 [5.57]	18.2 [5.33]	17.0 [4.98]
		Power	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8

DR —Depression ratio
dbE—Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power—KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions



GROSS SYSTEMS PERFORMANCE DATA—RQKA-A030

ENTERING INDOOR AIR @ 80°F [26.7°C]											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1100 [519]	1000 [472]	850 [401]	1100 [519]	1000 [472]	850 [401]	1100 [519]	1000 [472]	850 [401]
DR ①			.26	.25	.23	.26	.25	.23	.26	.25	.23
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	36.2 [10.61]	35.6 [10.43]	34.8 [10.20]	34.7 [10.17]	34.2 [10.02]	33.3 [9.76]	33.4 [9.79]	32.8 [9.61]	32.0 [9.38]
		Sens BTUH [kW]	21.2 [6.21]	20.2 [5.92]	18.7 [5.48]	24.7 [7.24]	23.6 [6.92]	22.1 [6.48]	28.8 [8.44]	27.8 [8.15]	26.2 [7.68]
		Power	2.4	2.4	2.4	2.5	2.5	2.4	2.4	2.4	2.3
	80 [26.7]	Total BTUH [kW]	36.0 [10.55]	35.4 [10.37]	34.6 [10.14]	34.5 [10.11]	33.9 [9.94]	33.1 [9.70]	33.2 [9.73]	32.6 [9.55]	31.7 [9.29]
		Sens BTUH [kW]	20.6 [6.04]	19.6 [5.74]	18.1 [5.30]	24.0 [7.03]	23.0 [6.74]	21.5 [6.30]	28.2 [8.26]	27.2 [7.97]	25.6 [7.50]
		Power	2.6	2.6	2.5	2.6	2.6	2.6	2.5	2.5	2.5
	85 [29.4]	Total BTUH [kW]	35.3 [10.35]	34.8 [10.20]	33.9 [9.94]	33.9 [9.94]	33.3 [9.76]	32.5 [9.52]	32.5 [9.52]	31.9 [9.35]	31.1 [9.11]
		Sens BTUH [kW]	20.1 [5.89]	19.1 [5.60]	17.6 [5.16]	23.6 [6.92]	22.6 [6.62]	21.0 [6.15]	27.7 [8.12]	26.7 [7.82]	25.2 [7.39]
		Power	2.7	2.7	2.7	2.8	2.8	2.7	2.7	2.7	2.6
	90 [32.2]	Total BTUH [kW]	34.4 [10.08]	33.8 [9.91]	32.9 [9.64]	32.9 [9.64]	32.3 [9.47]	31.5 [9.23]	31.5 [9.23]	31.0 [9.09]	30.1 [8.82]
		Sens BTUH [kW]	19.8 [5.80]	18.7 [5.48]	17.2 [5.04]	23.2 [6.80]	22.2 [6.51]	20.7 [6.07]	27.3 [8.00]	26.3 [7.71]	24.8 [7.27]
		Power	2.9	2.8	2.8	2.9	2.9	2.9	2.8	2.8	2.8
	95 [35]	Total BTUH [kW]	33.2 [9.73]	32.6 [9.55]	31.8 [9.32]	31.7 [9.29]	31.2 [9.14]	30.3 [8.88]	30.4 [8.91]	29.8 [8.73]	29.0 [8.50]
		Sens BTUH [kW]	19.4 [5.69]	18.4 [5.39]	16.9 [4.95]	22.9 [6.71]	21.8 [6.39]	20.3 [5.95]	27.0 [7.91]	26.0 [7.62]	24.4 [7.15]
		Power	3.0	3.0	3.0	3.1	3.1	3.0	3.0	2.9	2.9
	100 [37.8]	Total BTUH [kW]	31.9 [9.35]	31.3 [9.17]	30.5 [8.94]	30.4 [8.91]	29.9 [8.76]	29.0 [8.50]	29.1 [8.53]	28.5 [8.35]	27.6 [8.09]
		Sens BTUH [kW]	19.0 [5.57]	18.0 [5.28]	16.5 [4.84]	22.5 [6.59]	21.5 [6.30]	19.9 [5.83]	26.6 [7.80]	25.6 [7.50]	24.1 [7.06]
		Power	3.2	3.1	3.1	3.2	3.2	3.2	3.1	3.1	3.1
	105 [40.6]	Total BTUH [kW]	30.6 [8.97]	30.0 [8.79]	29.1 [8.53]	29.1 [8.53]	28.5 [8.35]	27.7 [8.12]	27.7 [8.12]	27.2 [7.97]	26.3 [7.71]
		Sens BTUH [kW]	18.6 [5.45]	17.6 [5.16]	16.0 [4.69]	22.0 [6.45]	21.0 [6.15]	19.5 [5.71]	26.2 [7.68]	25.1 [7.36]	23.6 [6.92]
		Power	3.3	3.3	3.2	3.4	3.3	3.3	3.3	3.2	3.2
	110 [43.3]	Total BTUH [kW]	29.3 [8.59]	28.7 [8.41]	27.9 [8.18]	27.9 [8.18]	27.3 [8.00]	26.4 [7.74]	26.5 [7.77]	25.9 [7.59]	25.1 [7.36]
		Sens BTUH [kW]	18.0 [5.28]	17.0 [4.98]	15.4 [4.51]	21.4 [6.27]	20.4 [5.98]	18.9 [5.54]	25.6 [7.50]	24.5 [7.18]	23.0 [6.74]
		Power	3.5	3.4	3.4	3.5	3.5	3.5	3.4	3.4	3.3
	115 [46.1]	Total BTUH [kW]	28.2 [8.26]	27.7 [8.12]	26.8 [7.85]	26.8 [7.85]	26.2 [7.68]	25.4 [7.44]	25.4 [7.44]	24.9 [7.30]	24.0 [7.03]
		Sens BTUH [kW]	17.2 [5.04]	16.2 [4.75]	14.7 [4.31]	20.6 [6.04]	19.6 [5.74]	18.1 [5.30]	24.8 [7.27]	23.8 [6.98]	22.2 [6.51]
		Power	3.6	3.6	3.5	3.7	3.6	3.6	3.6	3.5	3.5

GROSS SYSTEMS PERFORMANCE DATA—RQKA-A036

ENTERING INDOOR AIR @ 80°F [26.7°C]											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1320 [623]	1200 [566]	1020 [481]	1320 [623]	1200 [566]	1020 [481]	1320 [623]	1200 [566]	1020 [481]
DR ①			.27	.26	.24	.27	.26	.24	.27	.26	.24
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	42.9 [12.57]	42.2 [12.37]	41.2 [12.07]	41.4 [12.13]	40.7 [11.93]	39.7 [11.63]	39.7 [11.63]	39.0 [11.43]	38.0 [11.14]
		Sens BTUH [kW]	23.4 [6.86]	22.2 [6.51]	20.4 [5.98]	28.2 [8.26]	27.0 [7.91]	25.2 [7.39]	32.8 [9.61]	31.6 [9.26]	29.7 [8.70]
		Power	2.9	2.9	2.8	3.0	2.9	2.9	2.9	2.9	2.8
	80 [26.7]	Total BTUH [kW]	41.8 [12.25]	41.1 [12.05]	40.1 [11.75]	40.3 [11.81]	39.7 [11.63]	38.6 [11.31]	38.6 [11.31]	37.9 [11.11]	36.9 [10.81]
		Sens BTUH [kW]	23.3 [6.83]	22.1 [6.48]	20.3 [5.95]	28.1 [8.24]	26.9 [7.88]	25.1 [7.36]	32.7 [9.58]	31.5 [9.23]	29.7 [8.70]
		Power	3.1	3.1	3.0	3.2	3.1	3.1	3.1	3.0	3.0
	85 [29.4]	Total BTUH [kW]	41.0 [12.02]	40.3 [11.81]	39.3 [11.52]	39.5 [11.58]	38.8 [11.37]	37.8 [11.08]	37.8 [11.08]	37.1 [10.87]	36.1 [10.58]
		Sens BTUH [kW]	23.1 [6.77]	21.9 [6.42]	20.1 [5.89]	27.9 [8.18]	26.7 [7.82]	24.9 [7.30]	32.5 [9.52]	31.3 [9.17]	29.5 [8.65]
		Power	3.3	3.3	3.2	3.3	3.3	3.3	3.3	3.2	3.2
	90 [32.2]	Total BTUH [kW]	40.2 [11.78]	39.5 [11.58]	38.5 [11.28]	38.8 [11.37]	38.1 [11.17]	37.1 [10.87]	37.0 [10.84]	36.4 [10.67]	35.3 [10.35]
		Sens BTUH [kW]	22.9 [6.71]	21.6 [6.33]	19.8 [5.80]	27.7 [8.12]	26.4 [7.74]	24.6 [7.21]	32.2 [9.44]	31.0 [9.09]	29.2 [8.56]
		Power	3.5	3.5	3.4	3.5	3.5	3.5	3.4	3.4	3.4
	95 [35]	Total BTUH [kW]	39.5 [11.58]	38.8 [11.37]	37.8 [11.08]	38.0 [11.14]	37.3 [10.93]	36.3 [10.64]	36.3 [10.64]	35.6 [10.43]	34.6 [10.14]
		Sens BTUH [kW]	22.5 [6.59]	21.3 [6.24]	19.4 [5.69]	27.3 [8.00]	26.1 [7.65]	24.2 [7.09]	31.9 [9.35]	30.6 [8.97]	28.8 [8.44]
		Power	3.7	3.6	3.6	3.7	3.7	3.6	3.6	3.6	3.6
	100 [37.8]	Total BTUH [kW]	38.7 [11.34]	38.0 [11.14]	37.0 [10.84]	37.2 [10.90]	36.5 [10.70]	35.5 [10.40]	35.5 [10.40]	34.8 [10.20]	33.8 [9.91]
		Sens BTUH [kW]	22.0 [6.45]	20.8 [6.10]	19.0 [5.57]	26.8 [7.85]	25.6 [7.50]	23.8 [6.98]	31.4 [9.20]	30.2 [8.85]	28.4 [8.32]
		Power	3.9	3.8	3.8	3.9	3.9	3.8	3.8	3.8	3.7
	105 [40.6]	Total BTUH [kW]	37.7 [11.05]	37.0 [10.84]	36.0 [10.55]	36.2 [10.61]	35.5 [10.40]	34.5 [10.11]	34.5 [10.11]	33.8 [9.91]	32.8 [9.61]
		Sens BTUH [kW]	21.5 [6.30]	20.2 [5.92]	18.4 [5.39]	26.3 [7.71]	25.0 [7.33]	23.2 [6.80]	30.8 [9.03]	29.6 [8.67]	27.8 [8.15]
		Power	4.0	4.0	4.0	4.1	4.1	4.0	4.0	4.0	3.9
	110 [43.3]	Total BTUH [kW]	36.4 [10.67]	35.7 [10.46]	34.7 [10.17]	34.9 [10.23]	34.2 [10.02]	33.2 [9.73]	33.2 [9.73]	32.5 [9.52]	31.5 [9.23]
		Sens BTUH [kW]	20.8 [6.10]	19.6 [5.74]	17.8 [5.22]	25.6 [7.50]	24.4 [7.15]	22.6 [6.62]	30.2 [8.85]	29.0 [8.50]	27.2 [7.97]
		Power	4.2	4.2	4.2	4.3	4.2	4.2	4.2	4.2	4.1
	115 [46.1]	Total BTUH [kW]	34.7 [10.17]	34.0 [9.96]	33.0 [9.67]	33.3 [9.76]	32.6 [9.55]	31.6 [9.26]	31.5 [9.23]	30.9 [9.06]	29.8 [8.73]
		Sens BTUH [kW]	20.1 [5.89]	18.9 [5.54]	17.1 [5.01]	24.9 [7.30]	23.7 [6.95]	21.9 [6.42]	29.5 [8.65]	28.3 [8.29]	26.4 [7.74]
		Power	4.4	4.4	4.3	4.5	4.4	4.4	4.4	4.3	4.3

DR —Depression ratio
dbE—Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power—KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions



SYSTEMS PERFORMANCE—RQKA- SERIES

GROSS SYSTEMS PERFORMANCE DATA—RQKA-A042

			ENTERING INDOOR AIR @ 80°F [26.7°C]								
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1540 [727]	1400 [661]	1190 [562]	1540 [727]	1400 [661]	1190 [562]	1540 [727]	1400 [661]	1190 [562]
DR ①			.28	.27	.25	.28	.27	.25	.28	.27	.25
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	48.6 [14.24]	47.9 [14.04]	46.7 [13.69]	46.1 [13.51]	45.4 [13.31]	44.2 [12.95]	44.3 [12.98]	43.6 [12.78]	42.4 [12.43]
		Sens BTUH [kW]	27.1 [7.94]	25.7 [7.53]	23.6 [6.92]	32.0 [9.38]	30.6 [8.97]	28.5 [8.35]	38.3 [11.22]	36.9 [10.81]	34.9 [10.23]
		Power	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0
	80 [26.7]	Total BTUH [kW]	48.0 [14.07]	47.2 [13.83]	46.1 [13.51]	45.5 [13.33]	44.7 [13.10]	43.6 [12.78]	43.7 [12.81]	42.9 [12.57]	41.8 [12.25]
		Sens BTUH [kW]	26.6 [7.80]	25.2 [7.39]	23.1 [6.77]	31.5 [9.23]	30.1 [8.82]	28.1 [8.24]	37.8 [11.08]	36.4 [10.67]	34.4 [10.08]
		Power	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2
	85 [29.4]	Total BTUH [kW]	47.3 [13.86]	46.5 [13.63]	45.3 [13.28]	44.8 [13.13]	44.0 [12.90]	42.9 [12.57]	43.0 [12.60]	42.2 [12.37]	41.1 [12.05]
		Sens BTUH [kW]	26.3 [7.71]	24.9 [7.30]	22.9 [6.71]	31.2 [9.14]	29.9 [8.76]	27.8 [8.15]	37.6 [11.02]	36.2 [10.61]	34.1 [9.99]
		Power	3.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4
	90 [32.2]	Total BTUH [kW]	46.4 [13.60]	45.6 [13.36]	44.5 [13.04]	43.9 [12.87]	43.2 [12.66]	42.0 [12.31]	42.1 [12.34]	41.4 [12.13]	40.2 [11.78]
		Sens BTUH [kW]	26.2 [7.68]	24.8 [7.27]	22.7 [6.65]	31.1 [9.11]	29.7 [8.70]	27.6 [8.09]	37.4 [10.96]	36.0 [10.55]	33.9 [9.94]
		Power	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6
	95 [35]	Total BTUH [kW]	45.4 [13.31]	44.7 [13.10]	43.5 [12.75]	42.9 [12.57]	42.2 [12.37]	41.0 [12.02]	41.1 [12.05]	40.4 [11.84]	39.2 [11.49]
		Sens BTUH [kW]	26.0 [7.62]	24.6 [7.21]	22.6 [6.62]	30.9 [9.06]	29.6 [8.67]	27.5 [8.06]	37.2 [10.90]	35.9 [10.52]	33.8 [9.91]
		Power	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.8
	100 [37.8]	Total BTUH [kW]	44.3 [12.98]	43.5 [12.75]	42.3 [12.40]	41.8 [12.25]	41.0 [12.02]	39.9 [11.69]	40.0 [11.72]	39.2 [11.49]	38.1 [11.17]
		Sens BTUH [kW]	25.8 [7.56]	24.4 [7.15]	22.4 [6.56]	30.7 [9.00]	29.3 [8.59]	27.3 [8.00]	37.0 [10.84]	35.7 [10.46]	33.6 [9.85]
		Power	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0
	105 [40.6]	Total BTUH [kW]	42.9 [12.57]	42.1 [12.34]	41.0 [12.02]	40.4 [11.84]	39.7 [11.63]	38.5 [11.28]	38.6 [11.31]	37.9 [11.11]	36.7 [10.76]
		Sens BTUH [kW]	25.4 [7.44]	24.0 [7.03]	22.0 [6.45]	30.3 [8.88]	29.0 [8.50]	26.9 [7.88]	36.7 [10.76]	35.3 [10.35]	33.2 [9.73]
		Power	4.4	4.3	4.3	4.3	4.3	4.2	4.3	4.3	4.2
	110 [43.3]	Total BTUH [kW]	41.3 [12.10]	40.6 [11.90]	39.4 [11.55]	38.8 [11.37]	38.1 [11.17]	36.9 [10.81]	37.0 [10.84]	36.3 [10.64]	35.1 [10.29]
		Sens BTUH [kW]	24.8 [7.27]	23.4 [6.86]	21.3 [6.24]	29.7 [8.70]	28.3 [8.29]	26.3 [7.71]	36.0 [10.55]	34.6 [10.14]	32.6 [9.55]
		Power	4.6	4.5	4.5	4.5	4.5	4.4	4.5	4.5	4.4
	115 [46.1]	Total BTUH [kW]	39.5 [11.58]	38.7 [11.34]	37.6 [11.02]	37.0 [10.84]	36.3 [10.64]	35.1 [10.29]	35.2 [10.32]	34.5 [10.11]	33.3 [9.76]
		Sens BTUH [kW]	23.8 [6.98]	22.4 [6.56]	20.3 [5.95]	28.7 [8.41]	27.3 [8.00]	25.3 [7.41]	35.0 [10.26]	33.6 [9.85]	31.6 [9.26]
		Power	4.8	4.7	4.7	4.7	4.7	4.6	4.7	4.6	4.6

GROSS SYSTEMS PERFORMANCE DATA—RQKA-A048

			ENTERING INDOOR AIR @ 80°F [26.7°C]								
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1650 [779]	1500 [708]	1280 [604]	1650 [779]	1500 [708]	1280 [604]	1650 [779]	1500 [708]	1280 [604]
DR ①			.22	.21	.19	.22	.21	.19	.22	.21	.19
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	57.0 [16.71]	56.1 [16.44]	54.8 [16.06]	54.5 [15.97]	53.6 [15.71]	52.3 [15.33]	51.4 [15.06]	50.5 [14.80]	49.2 [14.42]
		Sens BTUH [kW]	29.5 [8.65]	27.9 [8.18]	25.5 [7.47]	35.2 [10.32]	33.6 [9.85]	31.2 [9.14]	40.4 [11.84]	38.8 [11.37]	36.4 [10.67]
		Power	4.2	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9
	80 [26.7]	Total BTUH [kW]	55.7 [16.32]	54.8 [16.06]	53.5 [15.68]	53.2 [15.59]	52.3 [15.33]	51.0 [14.95]	50.1 [14.68]	49.2 [14.42]	47.9 [14.04]
		Sens BTUH [kW]	31.7 [9.29]	30.1 [8.82]	27.7 [8.12]	37.5 [10.99]	35.9 [10.52]	33.5 [9.82]	42.7 [12.51]	41.1 [12.05]	38.7 [11.34]
		Power	4.4	4.3	4.3	4.3	4.2	4.2	4.2	4.2	4.1
	85 [29.4]	Total BTUH [kW]	54.4 [15.94]	53.5 [15.68]	52.2 [15.30]	51.9 [15.21]	51.0 [14.95]	49.7 [14.57]	48.8 [14.30]	47.9 [14.04]	46.6 [13.66]
		Sens BTUH [kW]	32.2 [9.44]	30.6 [8.97]	28.2 [8.26]	38.0 [11.14]	36.4 [10.67]	34.0 [9.96]	43.2 [12.66]	41.6 [12.19]	39.2 [11.49]
		Power	4.5	4.5	4.4	4.5	4.4	4.4	4.4	4.4	4.3
	90 [32.2]	Total BTUH [kW]	53.2 [15.59]	52.3 [15.33]	51.0 [14.95]	50.6 [14.83]	49.7 [14.57]	48.4 [14.18]	47.5 [13.92]	46.7 [13.69]	45.3 [13.28]
		Sens BTUH [kW]	31.5 [9.23]	29.9 [8.76]	27.5 [8.06]	37.3 [10.93]	35.7 [10.46]	33.3 [9.76]	42.5 [12.46]	40.9 [11.99]	38.5 [11.28]
		Power	4.7	4.7	4.6	4.7	4.6	4.6	4.6	4.5	4.5
	95 [35]	Total BTUH [kW]	51.8 [15.18]	50.9 [14.92]	49.6 [14.54]	49.3 [14.45]	48.4 [14.18]	47.1 [13.80]	46.2 [13.54]	45.3 [13.28]	44.0 [12.90]
		Sens BTUH [kW]	30.1 [8.82]	28.5 [8.35]	26.1 [7.65]	35.8 [10.49]	34.3 [10.05]	31.9 [9.35]	41.0 [12.02]	39.4 [11.55]	37.0 [10.84]
		Power	4.9	4.9	4.8	4.8	4.8	4.7	4.8	4.7	4.7
	100 [37.8]	Total BTUH [kW]	50.4 [14.77]	49.5 [14.51]	48.2 [14.13]	47.9 [14.04]	47.0 [13.77]	45.7 [13.39]	44.8 [13.13]	43.9 [12.87]	42.6 [12.48]
		Sens BTUH [kW]	28.3 [8.29]	26.7 [7.82]	24.3 [7.12]	34.1 [9.99]	32.5 [9.52]	30.1 [8.82]	39.2 [11.49]	37.6 [11.02]	35.2 [10.32]
		Power	5.1	5.1	5.0	5.0	5.0	4.9	5.0	4.9	4.9
	105 [40.6]	Total BTUH [kW]	48.8 [14.30]	48.0 [14.07]	46.6 [13.66]	46.3 [13.57]	45.4 [13.31]	44.1 [12.92]	43.2 [12.66]	42.3 [12.40]	41.0 [12.02]
		Sens BTUH [kW]	26.7 [7.82]	25.1 [7.36]	22.7 [6.65]	32.4 [9.50]	30.9 [9.06]	28.5 [8.35]	37.6 [11.02]	36.0 [10.55]	33.6 [9.85]
		Power	5.3	5.2	5.2	5.2	5.2	5.1	5.1	5.1	5.0
	110 [43.3]	Total BTUH [kW]	47.1 [13.80]	46.2 [13.54]	44.9 [13.16]	44.5 [13.04]	43.6 [12.78]	42.3 [12.40]	41.5 [12.16]	40.6 [11.90]	39.3 [11.52]
		Sens BTUH [kW]	25.7 [7.53]	24.1 [7.06]	21.7 [6.36]	31.5 [9.23]	29.9 [8.76]	27.5 [8.06]	36.6 [10.73]	35.0 [10.26]	32.6 [9.55]
		Power	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.2
	115 [46.1]	Total BTUH [kW]	45.1 [13.22]	44.2 [12.95]	42.9 [12.57]	42.5 [12.46]	41.6 [12.19]	40.3 [11.81]	39.5 [11.58]	38.6 [11.31]	37.3 [10.93]
		Sens BTUH [kW]	25.8 [7.56]	24.2 [7.09]	21.8 [6.39]	31.6 [9.26]	30.0 [8.79]	27.6 [8.09]	36.7 [10.76]	35.1 [10.29]	32.7 [9.58]
		Power	5.7	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.4

DR —Depression ratio
dbE—Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power—KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions



GROSS SYSTEMS PERFORMANCE DATA—RQMA-A018

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			770 [363]	700 [330]	600 [283]	770 [363]	700 [330]	600 [283]	770 [363]	700 [330]	600 [283]
DR ①			.23	.22	.19	.23	.22	.19	.23	.22	.19
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	24.6 [7.21]	24.3 [7.12]	23.8 [6.98]	22.8 [6.68]	22.4 [6.56]	21.9 [6.42]	21.5 [6.30]	21.1 [6.18]	20.6 [6.04]
		Sens BTUH [kW]	14.3 [4.19]	13.6 [3.99]	12.6 [3.69]	16.8 [4.92]	16.1 [4.72]	15.0 [4.40]	19.4 [5.69]	18.7 [5.48]	17.7 [5.19]
		Power	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	80 [26.7]	Total BTUH [kW]	24.2 [7.09]	23.8 [6.98]	23.3 [6.83]	22.3 [6.54]	21.9 [6.42]	21.4 [6.27]	21.0 [6.15]	20.6 [6.04]	20.1 [5.89]
		Sens BTUH [kW]	14.2 [4.16]	13.5 [3.96]	12.4 [3.63]	16.6 [4.86]	15.9 [4.66]	14.9 [4.37]	19.2 [5.63]	18.5 [5.42]	17.5 [5.13]
		Power	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.3
	85 [29.4]	Total BTUH [kW]	23.5 [6.89]	23.1 [6.77]	22.6 [6.62]	21.6 [6.33]	21.2 [6.21]	20.7 [6.07]	20.3 [5.95]	20.0 [5.86]	19.4 [5.69]
		Sens BTUH [kW]	13.9 [4.07]	13.2 [3.87]	12.1 [3.55]	16.3 [4.78]	15.6 [4.57]	14.6 [4.28]	18.9 [5.54]	18.2 [5.33]	17.2 [5.04]
		Power	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.4
	90 [32.2]	Total BTUH [kW]	22.7 [6.65]	22.3 [6.54]	21.8 [6.39]	20.8 [6.10]	20.4 [5.98]	19.9 [5.83]	19.5 [5.71]	19.1 [5.60]	18.6 [5.45]
		Sens BTUH [kW]	13.5 [3.96]	12.8 [3.75]	11.7 [3.43]	15.9 [4.66]	15.2 [4.45]	14.2 [4.16]	18.5 [5.42]	17.8 [5.22]	16.8 [4.92]
		Power	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	95 [35]	Total BTUH [kW]	21.8 [6.39]	21.4 [6.27]	20.9 [6.13]	19.9 [5.83]	19.6 [5.74]	19.0 [5.57]	18.6 [5.45]	18.3 [5.36]	17.8 [5.22]
		Sens BTUH [kW]	13.0 [3.81]	12.3 [3.60]	11.3 [3.31]	15.5 [4.54]	14.8 [4.34]	13.7 [4.02]	18.2 [5.33]	17.4 [5.10]	16.4 [4.81]
		Power	1.6	1.6	1.5	1.6	1.6	1.5	1.6	1.5	1.5
	100 [37.8]	Total BTUH [kW]	21.0 [6.15]	20.6 [6.04]	20.1 [5.89]	19.1 [5.60]	18.7 [5.48]	18.2 [5.33]	17.8 [5.22]	17.4 [5.10]	16.9 [4.95]
		Sens BTUH [kW]	12.6 [3.69]	11.9 [3.49]	10.9 [3.19]	15.0 [4.40]	14.4 [4.22]	13.3 [3.90]	17.6 [5.16]	17.0 [4.98]	16.0 [4.69]
		Power	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	105 [40.6]	Total BTUH [kW]	20.2 [5.92]	19.8 [5.80]	19.3 [5.66]	18.3 [5.36]	18.0 [5.28]	17.4 [5.10]	17.0 [4.98]	16.7 [4.89]	16.2 [4.75]
		Sens BTUH [kW]	12.3 [3.60]	11.6 [3.40]	10.6 [3.11]	14.7 [4.31]	14.0 [4.10]	13.0 [3.81]	17.0 [4.98]	16.7 [4.89]	15.6 [4.57]
		Power	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	110 [43.3]	Total BTUH [kW]	19.6 [5.74]	19.2 [5.63]	18.7 [5.48]	17.7 [5.19]	17.4 [5.10]	16.8 [4.92]	16.4 [4.81]	16.1 [4.72]	15.6 [4.57]
		Sens BTUH [kW]	12.1 [3.55]	11.4 [3.34]	10.3 [3.02]	14.5 [4.25]	13.8 [4.04]	12.8 [3.75]	16.4 [4.81]	16.1 [4.72]	15.4 [4.51]
		Power	1.8	1.7	1.7	3.5	1.8	1.7	1.7	1.7	1.7
	115 [46.1]	Total BTUH [kW]	19.2 [5.63]	18.9 [5.54]	18.3 [5.36]	17.4 [5.10]	17.0 [4.98]	16.5 [4.84]	16.1 [4.72]	15.7 [4.60]	15.2 [4.45]
		Sens BTUH [kW]	12.0 [3.52]	11.3 [3.31]	10.3 [3.02]	14.5 [4.25]	13.8 [4.04]	12.7 [3.72]	16.1 [4.72]	15.7 [4.60]	15.2 [4.45]
		Power	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8

GROSS SYSTEMS PERFORMANCE DATA—RQMA-A024

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			880 [415]	800 [378]	680 [321]	880 [415]	800 [378]	680 [321]	880 [415]	800 [378]	680 [321]
DR ①			.22	.20	.18	.22	.20	.18	.22	.20	.18
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	30.5 [8.94]	30.1 [8.82]	29.4 [8.62]	28.6 [8.38]	28.2 [8.26]	27.5 [8.06]	26.0 [7.62]	26.8 [7.85]	25.7 [7.53]
		Sens BTUH [kW]	17.9 [5.25]	17.0 [4.98]	15.8 [4.63]	20.6 [6.04]	19.8 [5.80]	18.5 [5.42]	23.4 [6.86]	22.6 [6.62]	21.3 [6.24]
		Power	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6
	80 [26.7]	Total BTUH [kW]	29.6 [8.67]	29.2 [8.56]	28.5 [8.35]	27.7 [8.12]	27.2 [7.97]	26.6 [7.80]	25.9 [7.59]	25.4 [7.44]	24.8 [7.27]
		Sens BTUH [kW]	17.5 [5.13]	16.6 [4.86]	15.4 [4.51]	20.2 [5.92]	19.4 [5.69]	18.1 [5.30]	23.0 [6.74]	22.2 [6.51]	20.9 [6.13]
		Power	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7
	85 [29.4]	Total BTUH [kW]	28.8 [8.44]	28.3 [8.29]	27.7 [8.12]	26.9 [7.88]	26.4 [7.74]	25.7 [7.53]	25.1 [7.36]	24.6 [7.21]	23.9 [7.00]
		Sens BTUH [kW]	17.0 [4.98]	16.2 [4.75]	14.9 [4.37]	19.8 [5.80]	18.9 [5.54]	17.7 [5.19]	22.6 [6.62]	21.7 [6.36]	20.5 [6.01]
		Power	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8
	90 [32.2]	Total BTUH [kW]	28.0 [8.21]	27.6 [8.09]	26.9 [7.88]	26.1 [7.65]	25.6 [7.50]	25.0 [7.33]	24.3 [7.12]	23.8 [6.98]	23.1 [6.77]
		Sens BTUH [kW]	16.5 [4.84]	15.7 [4.60]	14.4 [4.22]	19.3 [5.66]	18.5 [5.42]	17.2 [5.04]	22.1 [6.48]	21.3 [6.24]	20.0 [5.86]
		Power	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
	95 [35]	Total BTUH [kW]	27.2 [7.97]	26.8 [7.85]	26.1 [7.65]	25.3 [7.41]	24.9 [7.30]	24.2 [7.09]	23.5 [6.89]	23.1 [6.77]	22.4 [6.56]
		Sens BTUH [kW]	16.0 [4.69]	15.2 [4.45]	13.9 [4.07]	18.8 [5.51]	18.0 [5.28]	16.7 [4.89]	21.6 [6.33]	20.8 [6.10]	19.5 [5.71]
		Power	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0
	100 [37.8]	Total BTUH [kW]	26.4 [7.74]	26.0 [7.62]	25.3 [7.41]	24.5 [7.18]	24.1 [7.06]	23.4 [6.86]	22.7 [6.65]	22.3 [6.54]	21.6 [6.33]
		Sens BTUH [kW]	15.5 [4.54]	14.7 [4.31]	13.4 [3.93]	18.3 [5.36]	17.5 [5.13]	16.2 [4.75]	21.1 [6.18]	20.3 [5.95]	19.0 [5.57]
		Power	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1
	105 [40.6]	Total BTUH [kW]	25.6 [7.50]	25.2 [7.39]	24.5 [7.18]	23.7 [6.95]	23.2 [6.80]	22.6 [6.62]	21.9 [6.42]	21.4 [6.27]	20.8 [6.10]
		Sens BTUH [kW]	15.1 [4.43]	14.2 [4.16]	13.0 [3.81]	17.8 [5.22]	17.0 [4.98]	15.7 [4.60]	20.6 [6.04]	19.8 [5.80]	18.5 [5.42]
		Power	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2
	110 [43.3]	Total BTUH [kW]	24.7 [7.24]	24.3 [7.12]	23.6 [6.92]	22.8 [6.68]	22.3 [6.54]	21.7 [6.36]	21.0 [6.15]	20.5 [6.01]	19.8 [5.80]
		Sens BTUH [kW]	14.6 [4.28]	13.8 [4.04]	12.5 [3.66]	17.4 [5.10]	16.5 [4.84]	15.3 [4.48]	20.2 [5.92]	19.3 [5.66]	18.1 [5.30]
		Power	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3
	115 [46.1]	Total BTUH [kW]	23.7 [6.95]	23.2 [6.80]	22.6 [6.62]	21.8 [6.39]	21.3 [6.24]	20.6 [6.04]	20.0 [5.86]	19.5 [5.71]	18.8 [5.51]
		Sens BTUH [kW]	14.2 [4.16]	13.4 [3.93]	12.1 [3.55]	17.0 [4.98]	16.1 [4.72]	14.9 [4.37]	19.7 [5.77]	18.9 [5.54]	17.7 [5.19]
		Power	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4

DR —Depression ratio
dbE—Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power—KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions



SYSTEMS PERFORMANCE—RQMA- SERIES

GROSS SYSTEMS PERFORMANCE DATA—RQMA-A030

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1100 [519]	1000 [472]	850 [401]	1100 [519]	1000 [472]	850 [401]	1100 [519]	1000 [472]	850 [401]
DR ①			.25	.24	.21	.25	.24	.21	.25	.24	.21
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	37.7 [11.05]	37.2 [10.90]	36.4 [10.67]	34.7 [10.17]	34.2 [10.02]	33.4 [9.79]	33.0 [9.67]	32.5 [9.52]	31.7 [9.29]
		Sens BTUH [kW]	20.5 [6.01]	19.5 [5.71]	18.0 [5.28]	24.2 [7.09]	23.2 [6.80]	21.7 [6.36]	27.1 [7.94]	26.1 [7.65]	24.5 [7.18]
		Power	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	80 [26.7]	Total BTUH [kW]	36.8 [10.79]	36.3 [10.64]	35.4 [10.37]	33.8 [9.91]	33.3 [9.76]	32.4 [9.50]	32.1 [9.41]	31.5 [9.23]	30.7 [9.00]
		Sens BTUH [kW]	19.8 [5.80]	18.8 [5.51]	17.3 [5.07]	23.6 [6.92]	22.6 [6.62]	21.1 [6.18]	26.4 [7.74]	25.4 [7.44]	23.9 [7.00]
		Power	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	85 [29.4]	Total BTUH [kW]	35.7 [10.46]	35.2 [10.32]	34.4 [10.08]	32.7 [9.58]	32.2 [9.44]	31.3 [9.17]	31.0 [9.09]	30.5 [8.94]	29.6 [8.67]
		Sens BTUH [kW]	19.4 [5.69]	18.4 [5.39]	16.9 [4.95]	23.1 [6.77]	22.1 [6.48]	20.6 [6.04]	25.9 [7.59]	24.9 [7.30]	23.4 [6.86]
		Power	2.3	2.3	2.2	2.2	2.2	2.2	2.3	2.2	2.2
	90 [32.2]	Total BTUH [kW]	34.5 [10.11]	34.0 [9.96]	33.2 [9.73]	31.5 [9.23]	31.0 [9.09]	30.2 [8.85]	29.8 [8.73]	29.3 [8.59]	28.4 [8.32]
Sens BTUH [kW]		19.0 [5.57]	18.0 [5.28]	16.5 [4.84]	22.8 [6.68]	21.8 [6.39]	20.3 [5.95]	25.6 [7.50]	24.6 [7.21]	23.1 [6.77]	
Power		2.4	2.4	2.3	2.4	2.3	2.3	2.4	2.3	2.3	
95 [35]	Total BTUH [kW]	33.3 [9.76]	32.8 [9.61]	32.0 [9.38]	30.3 [8.88]	29.8 [8.73]	28.9 [8.47]	28.6 [8.38]	28.1 [8.24]	27.2 [7.97]	
	Sens BTUH [kW]	18.7 [5.48]	17.7 [5.19]	16.2 [4.75]	22.5 [6.59]	21.5 [6.30]	20.0 [5.86]	25.3 [7.41]	24.3 [7.12]	22.8 [6.68]	
	Power	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.5	2.4	
100 [37.8]	Total BTUH [kW]	32.2 [9.44]	31.6 [9.26]	30.8 [9.03]	29.1 [8.53]	28.6 [8.38]	27.8 [8.15]	27.4 [8.03]	26.9 [7.88]	26.1 [7.65]	
	Sens BTUH [kW]	18.3 [5.36]	17.3 [5.07]	15.8 [4.63]	22.1 [6.48]	21.1 [6.18]	19.6 [5.74]	24.9 [7.30]	23.9 [7.00]	22.4 [6.56]	
	Power	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.5	
105 [40.6]	Total BTUH [kW]	31.1 [9.11]	30.6 [8.97]	29.8 [8.73]	28.1 [8.24]	27.6 [8.09]	26.8 [7.85]	26.4 [7.74]	25.9 [7.59]	25.1 [7.36]	
	Sens BTUH [kW]	17.8 [5.22]	16.8 [4.92]	15.3 [4.48]	21.5 [6.30]	20.5 [6.01]	19.0 [5.57]	24.3 [7.12]	23.3 [6.83]	21.8 [6.39]	
	Power	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	
110 [43.3]	Total BTUH [kW]	30.3 [8.88]	29.8 [8.73]	29.0 [8.50]	27.3 [8.00]	26.8 [7.85]	26.0 [7.62]	25.6 [7.50]	25.1 [7.36]	24.2 [7.09]	
	Sens BTUH [kW]	17.0 [4.98]	16.0 [4.69]	14.5 [4.25]	20.7 [6.07]	19.7 [5.77]	18.2 [5.33]	23.5 [6.89]	22.5 [6.59]	21.0 [6.15]	
	Power	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	
115 [46.1]	Total BTUH [kW]	29.8 [8.73]	29.2 [8.56]	28.4 [8.32]	26.8 [7.85]	26.2 [7.68]	25.4 [7.44]	25.1 [7.36]	24.5 [7.18]	23.7 [6.95]	
	Sens BTUH [kW]	15.8 [4.63]	14.8 [4.34]	13.3 [3.90]	19.5 [5.71]	18.5 [5.42]	17.0 [4.98]	22.4 [6.56]	21.4 [6.27]	19.9 [5.83]	
	Power	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	

GROSS SYSTEMS PERFORMANCE DATA—RQMA-A036

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]		
CFM [L/s]			1320 [623]	1200 [566]	1020 [481]	1320 [623]	1200 [566]	1020 [481]	1320 [623]	1200 [566]	1020 [481]
DR ①			.30	.29	.27	.30	.29	.27	.30	.29	.27
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	40.0 [11.72]	39.3 [11.52]	38.3 [11.22]	39.9 [11.69]	39.2 [11.49]	38.2 [11.20]	36.9 [10.81]	36.3 [10.64]	35.3 [10.35]
		Sens BTUH [kW]	22.7 [6.65]	21.5 [6.30]	19.7 [5.77]	28.1 [8.24]	26.9 [7.88]	25.1 [7.36]	30.9 [9.06]	29.7 [8.70]	28.0 [8.21]
		Power	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.3	2.3
	80 [26.7]	Total BTUH [kW]	40.6 [11.90]	39.9 [11.69]	38.9 [11.40]	40.5 [11.87]	39.8 [11.66]	38.8 [11.37]	37.5 [10.99]	36.9 [10.81]	35.9 [10.52]
		Sens BTUH [kW]	22.7 [6.65]	21.5 [6.30]	19.7 [5.77]	28.1 [8.24]	27.0 [7.91]	25.2 [7.39]	31.0 [9.09]	29.8 [8.73]	28.0 [8.21]
		Power	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4
	85 [29.4]	Total BTUH [kW]	40.3 [11.81]	39.6 [11.61]	38.6 [11.31]	40.2 [11.78]	39.5 [11.58]	38.5 [11.28]	37.3 [10.93]	36.6 [10.73]	35.6 [10.43]
		Sens BTUH [kW]	22.4 [6.56]	21.3 [6.24]	19.5 [5.71]	27.9 [8.18]	26.7 [7.82]	24.9 [7.30]	30.7 [9.00]	29.5 [8.65]	27.7 [8.12]
		Power	2.7	2.7	2.7	2.7	2.7	2.6	2.7	2.6	2.6
	90 [32.2]	Total BTUH [kW]	39.4 [11.55]	38.7 [11.34]	37.7 [11.05]	39.3 [11.52]	38.6 [11.31]	37.6 [11.02]	36.4 [10.67]	35.7 [10.46]	34.7 [10.17]
Sens BTUH [kW]		21.9 [6.42]	20.8 [6.10]	19.0 [5.57]	27.4 [8.03]	26.2 [7.68]	24.4 [7.15]	30.2 [8.85]	29.0 [8.50]	27.2 [7.97]	
Power		2.9	2.9	2.8	2.9	2.8	2.8	2.8	2.8	2.8	
95 [35]	Total BTUH [kW]	38.0 [11.14]	37.3 [10.93]	36.3 [10.64]	37.9 [11.11]	37.2 [10.90]	36.2 [10.61]	35.0 [10.26]	34.3 [10.05]	33.3 [9.76]	
	Sens BTUH [kW]	21.3 [6.24]	20.1 [5.89]	18.3 [5.36]	26.7 [7.82]	25.5 [7.47]	23.7 [6.95]	29.5 [8.65]	28.3 [8.29]	26.6 [7.80]	
	Power	3.0	3.0	3.0	3.0	3.0	2.9	3.0	2.9	2.9	
100 [37.8]	Total BTUH [kW]	36.4 [10.67]	35.7 [10.46]	34.7 [10.17]	36.2 [10.61]	35.6 [10.43]	34.6 [10.14]	33.3 [9.76]	32.7 [9.58]	31.6 [9.26]	
	Sens BTUH [kW]	20.5 [6.01]	19.3 [5.66]	17.5 [5.13]	25.9 [7.59]	24.7 [7.24]	23.0 [6.74]	28.8 [8.44]	27.6 [8.09]	25.8 [7.56]	
	Power	3.2	3.2	3.1	3.2	3.1	3.1	3.1	3.1	3.1	
105 [40.6]	Total BTUH [kW]	34.7 [10.17]	34.0 [9.96]	33.0 [9.67]	34.5 [10.11]	33.9 [9.94]	32.9 [9.64]	31.6 [9.26]	31.0 [9.09]	29.9 [8.76]	
	Sens BTUH [kW]	19.7 [5.77]	18.5 [5.42]	16.7 [4.89]	25.1 [7.36]	23.9 [7.00]	22.1 [6.48]	27.9 [8.18]	26.7 [7.82]	25.0 [7.33]	
	Power	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	
110 [43.3]	Total BTUH [kW]	33.1 [9.70]	32.4 [9.50]	31.4 [9.20]	33.0 [9.67]	32.3 [9.47]	31.3 [9.17]	30.1 [8.82]	29.4 [8.62]	28.4 [8.32]	
	Sens BTUH [kW]	18.9 [5.54]	17.7 [5.19]	15.9 [4.66]	24.3 [7.12]	23.1 [6.77]	21.3 [6.24]	27.1 [7.94]	25.9 [7.59]	24.1 [7.06]	
	Power	3.5	3.5	3.4	3.5	3.4	3.4	3.4	3.4	3.4	
115 [46.1]	Total BTUH [kW]	31.9 [9.35]	31.2 [9.14]	30.2 [8.85]	31.8 [9.32]	31.1 [9.11]	30.1 [8.82]	28.8 [8.44]	28.2 [8.26]	27.2 [7.97]	
	Sens BTUH [kW]	18.1 [5.30]	17.0 [4.98]	15.2 [4.45]	23.6 [6.92]	22.4 [6.56]	20.6 [6.04]	26.4 [7.74]	25.2 [7.39]	23.4 [6.86]	
	Power	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	

DR —Depression ratio
dbE—Entering air dry bulb
wbE—Entering air wet bulb

Total —Total capacity x 1000 BTUH
Sens —Sensible capacity x 1000 BTUH
Power—KW input

NOTES: ① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE—230 VOLTS

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory	Blower Size/ Motor HP [W] & # of Speeds	Motor Speed		CFM [L/s] Air Delivery/RPM/Watts—230 Volts Side Discharge—Wet Coil						
					External Static Pressure—Inches W.C. [kPa]						
					0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]
1.5 [5.28]	Low	9 x 7 1/4 HP [186] 2 Speed Motor	Low	CFM	771 [364]	751 [354]	725 [342]	691 [326]	645 [304]	584 [276]	546 [258]
				RPM	825	870	910	950	985	1010	1030
				Watts	253	242	230	217	204	189	181
2.0 [7.03]	High		High	CFM	946 [446]	922 [435]	882 [416]	830 [392]	769 [363]	701 [331]	630 [298]
				RPM	990	1015	1035	1055	1070	1085	1100
				Watts	315	303	288	273	257	241	226
2.5 [8.79]	Low	10 x 9 1/2 HP [373] 2 Speed Motor	Low	CFM	1206 [569]	1182 [558]	1157 [546]	1128 [532]	1091 [515]	1044 [493]	983 [464]
				RPM	760	815	870	910	950	975	1000
				Watts	419	406	394	381	368	353	334
3.5 [12.31]	High		Med	CFM	1411 [666]	1368 [646]	1327 [626]	1285 [606]	1238 [584]	1183 [558]	1116 [527]
				RPM	865	900	935	970	1000	1020	1035
				Watts	498	481	464	447	430	411	391
			High	CFM	1641 [774]	1577 [744]	1515 [715]	1455 [687]	1393 [657]	1329 [627]	1262 [596]
				RPM	980	1000	1020	1035	1050	1065	1080
Watts	589			565	543	523	503	481	456		
3.0 [10.55]	High		High	CFM	1391 [666]	1357 [646]	1312 [626]	1258 [606]	1201 [584]	1145 [558]	1093 [527]
				RPM	835	875	915	940	965	985	1000
		Watts		428	419	406	392	378	365	355	
4.0 [14.07]	Med	10 x 9 3/4 HP [559] 3 Speed Motor	Low	CFM	1390 [656]	1387 [655]	1375 [649]	1353 [639]	1319 [622]	1272 [600]	1210 [571]
				RPM	781	839	896	935	974	1003	1032
				Watts	431	459	486	512	536	558	579
			Med	CFM	▲1875 [885]	▲1806 [852]	▲1739 [821]	1672 [789]	1602 [756]	1528 [721]	1447 [683]
				RPM	1024	1042	1059	1073	1087	1098	1109
				Watts	736	690	653	620	590	559	523
			High	CFM	▲2024 [955]	▲1960 [925]	▲1882 [888]	▲1793 [846]	1698 [801]	1602 [756]	1509 [712]
				RPM	1089	1099	1108	1116	1124	1130	1136
				Watts	809	776	739	700	661	622	587

NOTES: Data reflects airflow with electric strip heat installed.

▲ WARNING: Do not operate unit in regions shown in bold (CFM greater than 1700 on 4 ton models) due to possibility of water blow-off.

[] Designates Metric Conversions



AIRFLOW PERFORMANCE—RQKA- SERIES

INDOOR AIRFLOW PERFORMANCE—208 VOLTS

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory	Blower Size/ Motor HP [W] & # of Speeds	Motor Speed		CFM [L/s] Air Delivery/RPM/Watts—208 Volts Side Discharge—Wet Coil						
					External Static Pressure—Inches W.C. [kPa]						
					0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]
1.5 [5.28]	Low	9 x 7 1/4 HP [186] 2 Speed Motor	Low	CFM	675 [319]	657 [310]	634 [299]	602 [284]	560 [264]	505 [238]	435 [205]
				RPM	695	785	870	905	940	980	1020
				Watts	221	214	203	191	171	163	149
2.0 [7.03]	High		High	CFM	898 [424]	861 [406]	822 [388]	777 [367]	721 [340]	651 [307]	562 [265]
				RPM	940	965	995	1020	1045	1070	1090
				Watts	292	278	266	253	239	221	199
2.5 [8.79]	Low	10 x 9 1/2 HP [373] 2 Speed Motor	Low	CFM	1076 [508]	1059 [500]	1032 [490]	996 [470]	950 [448]	896 [423]	832 [393]
				RPM	730	775	820	865	905	940	975
				Watts	356	349	341	331	320	305	287
3.5 [12.31]	High		Med	CFM	1222 [577]	1197 [565]	1179 [556]	1162 [548]	1137 [537]	1097 [518]	1033 [488]
				RPM	765	810	855	890	920	960	995
				Watts	423	415	407	397	386	370	351
			High	CFM	1514 [715]	1461 [670]	1415 [668]	1370 [647]	1322 [624]	1266 [597]	1197 [565]
				RPM	895	930	965	985	1005	1025	1045
				Watts	538	514	493	473	454	434	412
3.0 [10.55]	High	10 x 9 1/3 HP [249] 1 Speed Motor	High	CFM	1222 [577]	1201 [565]	1173 [556]	1137 [548]	1090 [537]	1030 [518]	954 [488]
				RPM	785	805	830	870	905	950	990
				Watts	355	352	346	340	331	320	306
4.0 [14.07]	Med	10 x 9 3/4 HP [559] 3 Speed Motor	Low	CFM	1179 [556]	1180 [557]	1183 [558]	1181 [557]	1169 [552]	1139 [538]	1087 [513]
				RPM	684	755	825	873	921	960	999
				Watts	490	477	464	448	430	409	384
			Med	CFM	▲1719 [811]	1681 [793]	1634 [771]	1579 [745]	1516 [715]	1448 [683]	1373 [648]
				RPM	943	977	1011	1032	1052	1067	1082
				Watts	681	645	611	579	548	516	484
			High	CFM	▲1954 [922]	▲1888 [891]	▲1816 [857]	▲1737 [820]	1655 [781]	1570 [741]	1483 [700]
				RPM	1060	1075	1089	1098	1106	1115	1123
				Watts	769	731	692	654	617	583	551

NOTES: Data reflects airflow with electric strip heat installed.

▲ WARNING: Do not operate unit in regions shown in bold (CFM greater than 1700 on 4 ton models) due to possibility of water blow-off.

DOWN DISCHARGE PRESSURE DROP (ADD TO EXTERNAL STATIC PRESSURE)						
CFM [L/s]	600 [283]	800 [378]	1000 [472]	1200 [566]	1400 [661]	1600 [775]
Pressure Drop—Inches W.C. [kPa]	.00	.01 [.002]	.02 [.005]	.03 [.007]	.05 [.012]	.07 [.017]

[] Designates Metric Conversions



INDOOR AIRFLOW PERFORMANCE—230 VOLTS

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory	Manufacturer Recommended Airflow Range (Min/Max)	Blower Size Motor HP & # of Speeds	Motor Speed		CFM Air Delivery/RPM/Watts—230 Volts Side Discharge—Wet Coil						
						External Static Pressure (In. W.C.)						
						0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]
1.5 Ton [5.28]	Low	525 CFM/675 CFM [271/319 L/s]	9 x 7 Blower 1/4 HP 2 Speed Motor	Low	CFM [L/s]	771 [364]	751 [354]	725 [342]	691 [326]	645 [304]	584 [276]	546 [258]
					RPM	825	870	910	950	985	1010	1030
					(Watts)	(253)	(242)	(230)	(217)	(204)	(189)	(181)
2.0 Ton [7.03]	High	700 CFM/900 CFM [330/425 L/s]		High	CFM [L/s]	946 [446]	922 [435]	882 [416]	830 [392]	769 [363]	701 [331]	630 [297]
					RPM	990	1015	1035	1055	1070	1085	1100
					(Watts)	(315)	(303)	(288)	(273)	(257)	(241)	(226)
2.5 Ton [8.79]	Low	875 CFM/1125 CFM [413/531 L/s]	10 x 9 Blower 1/2 HP 2 Speed Motor	Low	CFM [L/s]	1206 [569]	1182 [558]	1157 [546]	1128 [532]	1091 [515]	1044 [493]	983 [464]
					RPM	760	815	870	910	950	975	1000
					(Watts)	(419)	(406)	(394)	(381)	(368)	(353)	(334)
				Med	CFM [L/s]	1411 [666]	1368 [646]	1327 [626]	1285 [606]	1238 [584]	1183 [558]	1116 [527]
					RPM	865	900	935	970	1000	1020	1035
					(Watts)	(498)	(481)	(464)	(447)	(430)	(411)	(391)
				High	CFM [L/s]	1641 [774]	1577 [744]	1515 [715]	1455 [687]	1393 [657]	1329 [627]	1262 [596]
					RPM	980	1000	1020	1035	1050	1065	1080
					(Watts)	(589)	(565)	(543)	(523)	(503)	(481)	(456)
3.0 Ton [10.55]	High	1050 CFM/1350 CFM [496/637 L/s]	10 x 9 Blower 1/3 HP 1 Speed Motor	High	CFM [L/s]	1391 [656]	1357 [640]	1312 [619]	1258 [594]	1201 [567]	1145 [540]	1093 [516]
					RPM	835	875	915	940	965	985	1000
					(Watts)	(428)	(419)	(406)	(392)	(378)	(365)	(355)

INDOOR AIRFLOW PERFORMANCE—208 VOLTS

1.5 Ton [5.28]	Low	525 CFM/675 CFM [248/319 L/s]	9 x 7 Blower 1/4 HP 2 Speed Motor	Low	CFM [L/s]	675 [319]	657 [310]	634 [299]	602 [284]	560 [264]	505 [238]	435 [205]	
					RPM	695	785	870	905	940	980	1020	
					(Watts)	(221)	(214)	(203)	(191)	(171)	(163)	(149)	
2.0 Ton [7.03]	High	700 CFM/900 CFM [330/425 L/s]	10 x 9 Blower 1/2 HP 2 Speed Motor	High	CFM [L/s]	898 [424]	861 [406]	822 [388]	777 [367]	721 [340]	651 [307]	562 [265]	
					RPM	940	965	995	1020	1045	1070	1090	
					(Watts)	(292)	(278)	(266)	(253)	(239)	(221)	(199)	
2.5 Ton [8.79]	Low	875 CFM/1125 CFM [413/531 L/s]	10 x 9 Blower 1/2 HP 2 Speed Motor	Low	CFM [L/s]	1076 [508]	1059 [500]	1032 [487]	996 [470]	950 [448]	896 [423]	832 [393]	
					RPM	730	775	820	865	905	940	975	
					(Watts)	(356)	(349)	(341)	(331)	(320)	(305)	(287)	
				Med	CFM [L/s]	1222 [577]	1197 [565]	1179 [556]	1162 [548]	1137 [537]	1097 [518]	1033 [488]	
					RPM	765	810	855	890	920	960	995	
					(Watts)	(423)	(415)	(407)	(397)	(386)	(370)	(351)	
				High	CFM [L/s]	1514 [715]	1461 [690]	1415 [668]	1370 [647]	1322 [624]	1266 [597]	1197 [565]	
					RPM	895	930	965	985	1005	1025	1045	
					(Watts)	(538)	(514)	(493)	(473)	(454)	(434)	(412)	
3.0 Ton [10.55]	High	1050 CFM/1350 CFM [496/637 L/s]	10 x 9 Blower 1/3 HP 1 Speed Motor	High	CFM [L/s]	1222 [577]	1201 [567]	1173 [554]	1137 [537]	1090 [514]	1030 [486]	954 [450]	
					RPM	785	805	830	870	905	950	990	
					(Watts)	(355)	(352)	(346)	(340)	(331)	(320)	(306)	

NOTE: Effect of electric strip heat on airflow performance is negligible.

DOWN DISCHARGE PRESSURE DROP (ADD TO EXTERNAL STATIC PRESSURE)					
CFM [L/s]	600 [283]	800 [378]	1000 [472]	1200 [566]	1400 [661]
Pressure Drop—Inches W.C. [kPa]	.00	.01 [.002]	.01 [.002]	.02 [.005]	.04 [.010]

[] Designates Metric Conversions



ELECTRICAL DATA—RQKA- SERIES

Model No. RQKA-	Unit Information				Evaporator Fan					
	Unit Operating Voltage Range	Minimum Circuit Ampacity	Minimum Overcurrent Protection Device Size	Maximum Overcurrent Protection Device Size	No.	Volts	Phase	HP	Amps (FLA)	Amps (LRA)
A018JK	187-253	14/14	20/20	20/20	1	208/230	1	1/4	1.3	2.3
A024JK	187-253	18/18	25/25	25/25	1	208/230	1	1/4	1.3	2.3
A030JK	187-253	23/23	30/30	35/35	1	208/230	1	1/2	2.4	4.8
A036CK	187-253	21/21	25/25	35/35	1	208/230	1	1/3	1.7	2.2
A036JK	187-253	30/30	40/40	50/50	1	208/230	1	1/3	1.7	2.2
A042CK	187-253	20/20	25/25	30/30	1	208/230	1	1/2	2.4	4.8
A042JK	187-253	30/30	35/35	50/50	1	208/230	1	1/2	2.4	4.8
A048CK	187-253	30/30	35/35	45/45	1	208/230	1	3/4	4.4	9.5
A048JK	187-253	45/45	60/60	70/70	1	208/230	1	3/4	4.4	9.5

Model No. RQKA-	Compressor Motor							Condenser Motor					
	No.	Volts	Phase	HP ²	RPM	Amps ¹ (RLA)	Amps ¹ (LRA)	No.	Volts	Phase	HP ²	Amps ¹ (FLA)	Amps ¹ (LRA)
A018JK	1	208/230	1	1 1/2	3450	9.6/9.6	47/47	1	208/230	1	1/15	0.5	0.63
A024JK	1	208/230	1	2	3450	15.4/15.4	63/63	1	208/230	1	1/15	0.5	0.63
A030JK	1	208/230	1	2 2/3	3450	14.8/14.8	83/83	1	208/230	1	1/5	1.3	2.23
A036CK	1	200/230	3	3 1/3	3450	14.4/14.4	88/88	1	208/230	1	1/5	1.3	2.23
A036JK	1	208/230	1	3 1/3	3450	21.4/21.4	103/103	1	208/230	1	1/5	1.3	2.23
A042CK	1	200/230	3	3 1/2	3450	12.4/12.4	88/88	1	208/230	1	1/5	1.3	2.23
A042JK	1	208/230	1	3 1/2	3450	20.8/20.8	127/127	1	208/230	1	1/5	1.3	2.23
A048CK	1	200/230	3	4	3450	18.8/18.8	115/115	1	208/230	1	1/3	1.7	3
A048JK	1	208/230	1	4	3450	31/31	132/132	1	208/230	1	1/3	1.7	3

1. Horsepower Per Compressor.

2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.



Model No. RQMA-	Unit Information				Evaporator Fan					
	Unit Operating Voltage Range	Minimum Circuit Ampacity	Minimum Overcurrent Protection Device Size	Maximum Overcurrent Protection Device Size	No.	Volts	Phase	HP	Amps (FLA)	Amps (LRA)
A018JK	187-253	15/15	20/20	20/20	1	208/230	1	1/4	1.3	2.3
A024JK	187-253	19/19	25/25	30/30	1	208/230	1	1/4	1.3	2.3
A030JK	187-253	26/26	30/30	40/40	1	208/230	1	1/2	2.4	4.8
A036CK	187-253	18/18	20/20	25/25	1	208/230	1	1/3	1.7	2.2
A036JK	187-253	25/25	30/30	40/40	1	208/230	1	1/3	1.7	2.2

Model No. RQMA-	Compressor Motor							Condenser Motor					
	No.	Volts	Phase	HP ²	RPM	Amps ¹ (RLA)	Amps ¹ (LRA)	No.	Volts	Phase	HP ²	Amps ¹ (FLA)	Amps ¹ (LRA)
A018JK	1	208/230	1	1 1/2	3450	9.6/9.6	50/50	1	208/230	1	1/5	1.3	2.23
A024JK	1	208/230	1	2	3450	13.1/13.1	63/63	1	208/230	1	1/5	1.3	2.23
A030JK	1	208/230	1	2 1/2	3450	17.3/17.3	72.5/72.5	1	208/230	1	1/5	1.3	2.23
A036CK	1	200/230	3	3	3450	11.3/11.3	77/77	1	208/230	1	1/5	1.3	2.23
A036JK	1	208/230	1	3	3450	17.5/17.5	95/95	1	208/230	1	1/5	1.3	2.23

1. Horsepower Per Compressor.

2. Amp Draw Per Motor. Multiply Value By Number of Motors to Determine Total Amps.



ELECTRIC HEATER KITS—RQKA- SERIES

Unit Model Application	Electric Heater Kit Models	Country
RQKA-A018JK	RXQJ-A03J (208-240 volt, 1-ph, 3kW)	USA & Canada
	RXQJ-A05J (208-240 volt, 1-ph, 5kW)	USA & Canada
	RXQJ-A06J (208-240 volt, 1-ph, 6kW)	USA & Canada
	RXQJ-A08J (208-240 volt, 1-ph, 8kW)	USA & Canada
RQKA-A024JK	RXQJ-A03J (208-240 volt, 1-ph, 3kW)	USA & Canada
	RXQJ-A05J (208-240 volt, 1-ph, 5kW)	USA & Canada
	RXQJ-A06J (208-240 volt, 1-ph, 6kW)	USA & Canada
	RXQJ-A08J (208-240 volt, 1-ph, 8kW)	USA & Canada
	RXQJ-A10J (208-240 volt, 1-ph, 10kW)	USA Only
	RXQJ-A11J (208-240 volt, 1-ph, 10kW-Canadian)	USA & Canada
RQKA-A030JK	RXQJ-A03J (208-240 volt, 1-ph, 3kW)	USA & Canada
	RXQJ-A05J (208-240 volt, 1-ph, 5kW)	USA & Canada
	RXQJ-A06J (208-240 volt, 1-ph, 6kW)	USA & Canada
	RXQJ-A08J (208-240 volt, 1-ph, 8kW)	USA & Canada
	RXQJ-A10J (208-240 volt, 1-ph, 10kW)	USA Only
	RXQJ-A11J (208-240 volt, 1-ph, 10kW-Canadian)	USA & Canada
RQKA-A036JK	RXQJ-A06J (208-240 volt, 1-ph, 6kW)	USA & Canada
	RXQJ-A10J (208-240 volt, 1-ph, 10kW)	USA Only
	RXQJ-A11J (208-240 volt, 1-ph, 10kW-Canadian)	USA & Canada
	RXQJ-A15J (208-240 volt, 1-ph, 15kW)	USA Only
	RXQJ-A16J (208-240 volt, 1-ph, 15kW-Canadian)	USA & Canada
RQKA-A042JK	RXQJ-B06J (208-240 volt, 1-ph, 6kW)	USA Only
	RXQJ-B10J (208-240 volt, 1-ph, 10kW)	USA Only
	RXQJ-B11J (208-240 volt, 1-ph, 10kW-Canadian)	USA & Canada
	RXQJ-B15J (208-240 volt, 1-ph, 15kW)	USA Only
	RXQJ-B16J (208-240 volt, 1-ph, 15kW-Canadian)	USA & Canada
RQKA-A048JK	RXQJ-B06J (208-240 volt, 1-ph, 6kW)	USA Only
	RXQJ-B10J (208-240 volt, 1-ph, 10kW)	USA Only
	RXQJ-B11J (208-240 volt, 1-ph, 10kW-Canadian)	USA & Canada
	RXQJ-B15J (208-240 volt, 1-ph, 15kW)	USA Only
	RXQJ-B16J (208-240 volt, 1-ph, 15kW-Canadian)	USA & Canada
RQKA-A036CK	RXQJ-A10C (208-240 volt, 3-ph, 10kW)	USA & Canada
	RXQJ-A12C (208-240 volt, 3-ph, 12kW)	USA Only
	RXQJ-A15C (208-240 volt, 3-ph, 15kW)	USA Only
	RXQJ-A16C (208-240 volt, 3-ph, 15kW-Canadian)	USA & Canada
RQKA-A042CK	RXQJ-A10C (208-240 volt, 3-ph, 10kW)	USA & Canada
	RXQJ-A12C (208-240 volt, 3-ph, 12kW)	USA Only
	RXQJ-A15C (208-240 volt, 3-ph, 15kW)	USA Only
	RXQJ-A16C (208-240 volt, 3-ph, 15kW-Canadian)	USA & Canada
RQKA-A048CK	RXQJ-A10C (208-240 volt, 3-ph, 10kW)	USA & Canada
	RXQJ-A12C (208-240 volt, 3-ph, 12kW)	USA Only
	RXQJ-A15C (208-240 volt, 3-ph, 15kW)	USA Only
	RXQJ-A16C (208-240 volt, 3-ph, 15kW-Canadian)	USA & Canada

WARNING

ONLY ELECTRIC HEATER KITS SUPPLIED BY THIS MANUFACTURER AS DESCRIBED IN THIS PUBLICATION HAVE BEEN DESIGNED, TESTED, AND EVALUATED BY A NATIONALLY RECOGNIZED SAFETY TESTING AGENCY FOR USE WITH THIS UNIT. USE OF ANY OTHER MANUFACTURED ELECTRIC HEATERS INSTALLED WITHIN THIS UNIT MAY CAUSE HAZARDOUS CONDITIONS RESULTING IN PROPERTY DAMAGE, FIRE, BODILY INJURY OR DEATH.



Unit Model Application	Electric Heater Kit Models	Country
RQMA-A018JK	RXQJ-A03J (208/240 volt, 1-ph, 3kW)	USA & Canada
	RXQJ-A05J (208/240 volt, 1-ph, 5kW)	USA & Canada
	RXQJ-A06J (208/240 volt, 1-ph, 6kW)	USA & Canada
	RXQJ-A08J (208/240 volt, 1-ph, 8kW)	USA & Canada
RQMA-A024JK	RXQJ-A03J (208/240 volt, 1-ph, 3kW)	USA & Canada
	RXQJ-A05J (208/240 volt, 1-ph, 5kW)	USA & Canada
	RXQJ-A06J (208/240 volt, 1-ph, 6kW)	USA & Canada
	RXQJ-A08J (208/240 volt, 1-ph, 8kW)	USA & Canada
	RXQJ-A10J (208/240 volt, 1-ph, 10kW)	USA Only
	RXQJ-A11J (208/240 volt, 1-ph, 10kW-Canadian)	USA & Canada
RQMA-A030JK	RXQJ-A03J (208/240 volt, 1-ph, 3kW)	USA & Canada
	RXQJ-A05J (208/240 volt, 1-ph, 5kW)	USA & Canada
	RXQJ-A06J (208/240 volt, 1-ph, 6kW)	USA & Canada
	RXQJ-A08J (208/240 volt, 1-ph, 8kW)	USA & Canada
	RXQJ-A10J (208/240 volt, 1-ph, 10kW)	USA Only
	RXQJ-A11J (208/240 volt, 1-ph, 10kW-Canadian)	USA & Canada
RQMA-A036JK	RXQJ-A06J (208/240 volt, 1-ph, 6kW)	USA & Canada
	RXQJ-A10J (208/240 volt, 1-ph, 10kW)	USA Only
	RXQJ-A11J (208/240 volt, 1-ph, 10kW-Canadian)	USA & Canada
	RXQJ-A15J (208/240 volt, 1-ph, 15kW)	USA Only
	RXQJ-A16J (208/240 volt, 1-ph, 15kW-Canadian)	USA & Canada
RQMA-A036CK	RXQJ-A10C (208/240 volt, 3-ph, 10kW)	USA & Canada
	RXQJ-A12C (208/240 volt, 3-ph, 12kW)	USA Only
	RXQJ-A15C (208/240 volt, 3-ph, 15kW)	USA Only
	RXQJ-A16C (208/240 volt, 3-ph, 15kW-Canadian)	USA & Canada

WARNING

ONLY ELECTRIC HEATER KITS SUPPLIED BY THIS MANUFACTURER AS DESCRIBED IN THIS PUBLICATION HAVE BEEN DESIGNED, TESTED, AND EVALUATED BY A NATIONALLY RECOGNIZED SAFETY TESTING AGENCY FOR USE WITH THIS UNIT. USE OF ANY OTHER MANUFACTURED ELECTRIC HEATERS INSTALLED WITHIN THIS UNIT MAY CAUSE HAZARDOUS CONDITIONS RESULTING IN PROPERTY DAMAGE, FIRE, BODILY INJURY OR DEATH.



AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION

208-240 Volt, Single Phase and Three Phase, 60 HZ										
Model No. RQKA-	Heater Kit Nominal kW	No. of Elements	No. of Sequence Steps	Rated Heater kW @ 208-240 V	Heater KBTU/Hr @ 208-240 V	Heater Amps. @ 208-240 V	Unit Min. Ckt. Ampacity @ 208-240 V	Overcurrent Protective Device Size		
								Min./Max. @ 208 V	Min./Max. @ 240 V	
A018J	No Heat	—	—	—	—	—	14/14	20/20	20/20	
	03	1	1	2.1/2.8	7.17/9.55	10.1/11.7	27/29	30/30	30/30	
	05	1	1	3.6/4.8	12.28/16.38	17.3/20.0	36/39	40/40	40/40	
	06	2	1	4.2/5.6	14.33/19.11	20.2/23.3	39/43	40/40	45/45	
	08	2	1	5.7/7.6	19.45/25.93	27.4/31.6	48/54	50/50	60/60	
	A024J	No Heat	—	—	—	—	18/18	25/25	25/25	
		03	1	1	2.1/2.8	7.17/9.55	10.1/11.7	30/32	35/35	35/40
		05	1	1	3.6/4.8	12.28/16.38	17.3/20.0	39/43	40/45	45/45
06		2	1	4.2/5.6	14.33/19.11	20.2/23.3	43/47	45/45	50/50	
	08	2	1	5.7/7.6	19.45/25.93	27.4/31.6	52/57	60/60	60/60	
	10	2	1	7.2/9.6	24.57/32.76	34.6/40.0	61/68	70/70	70/70	
	A030J	No Heat	—	—	—	—	23/23	30/35	30/35	
		03	1	1	2.1/2.8	7.17/9.55	10.1/11.7	35/37	40/45	40/45
05		1	1	3.6/4.8	12.28/16.38	17.3/20.0	44/48	45/50	50/50	
06		2	1	4.2/5.6	14.33/19.11	20.2/23.3	48/52	50/50	60/60	
	08	2	1	5.7/7.6	19.45/25.93	27.4/31.6	57/62	60/60	70/70	
	10	2	1	7.2/9.6	24.57/32.76	34.6/40.0	66/73	70/70	80/80	
	A036J	No Heat	—	—	—	—	30/30	40/50	40/50	
		06	2	1	4.2/5.6	14.33/19.11	20.2/23.3	55/59	60/70	60/70
10		2	1	7.2/9.6	24.57/32.76	34.6/40.0	73/80	80/80	80/90	
15		3	1	10.8/14.4	36.85/49.13	51.9/60.0	95/105	100/100	100/110	
A036C	No Heat	—	—	—	—	—	21/21	25/35	25/35	
	10	3	1	7.2/9.6	24.57/32.76	20.0/23.1	46/50	50/50	50/50	
	12	3	1	8.6/11.4	29.34/38.90	23.8/27.4	51/56	60/60	60/60	
	15	3	1	10.8/14.4	36.85/49.13	30.1/34.7	59/65	60/60	70/70	
A042J	No Heat	—	—	—	—	—	30/30	35/50	35/50	
	06	2	1	4.2/5.6	14.33/19.11	20.2/23.3	55/59	60/70	60/70	
	10	2	1	7.2/9.6	24.57/32.76	34.6/40.0	73/80	80/80	80/90	
	15	3	1	10.8/14.4	36.85/49.13	51.9/60.0	95/105	100/100	100/110	
A042C	No Heat	—	—	—	—	—	20/20	25/30	25/30	
	10	3	1	7.2/9.6	24.57/32.76	20.0/23.1	45/49	45/50	50/50	
	12	3	1	8.6/11.4	29.34/38.90	23.8/27.4	49/54	50/50	60/60	
	15	3	1	10.8/14.4	36.85/49.13	30.1/34.7	57/63	60/60	70/70	
A048J	No Heat	—	—	—	—	—	45/45	60/70	60/70	
	06	2	1	4.2/5.6	14.33/19.11	20.2/23.3	71/74	80/90	80/90	
	10	2	1	7.2/9.6	24.57/32.76	34.6/40.0	89/95	90/110	100/110	
	15	3	1	10.8/14.4	36.85/49.13	51.9/60.0	110/120	110/125	125/125	
A048C	No Heat	—	—	—	—	—	30/30	35/45	35/45	
	10	3	1	7.2/9.6	24.57/32.76	20.0/23.1	55/59	60/60	60/70	
	12	3	1	8.6/11.4	29.34/38.90	23.8/27.4	60/64	60/70	70/70	
	15	3	1	10.8/14.4	36.85/49.13	30.1/34.7	68/73	70/70	80/80	



AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION

208/240 Volt, Single Phase, 60 HZ									
Nominal Size Tons [kW]	Unit Kit Nominal kW	No. of Elements	No. of Sequence Steps	Rated Heater kW @ 208-240 V	Heater KBTU/Hr @ 208-240 V	Heater Amps. @ 208-240 V	Unit Min. Ckt. Ampacity @ 208-240 V	Overcurrent Protective Device Size	
								Min./Max. @ 208 V	Min./Max. @ 240 V
1.5 [5.28] 1-PHASE	No Heat	—	—	—	—	—	15/15	20/20	20/20
	03	1	1	2.1/2.8	7.17/9.55	10.1/11.7	28/30	30/30	30/35
	05*	1	1	3.6/4.8	12.28/16.38	17.3/20.0	37/40	40/40	40/40
	06	2	1	4.2/5.6	14.33/19.11	20.2/23.3	40/44	40/40	45/45
	08	2	1	5.7/7.6	19.45/25.93	27.4/31.6	49/54	50/50	60/60
2.0 [7.03] 1-PHASE	No Heat	—	—	—	—	—	19/19	25/30	25/30
	03	1	1	2.1/2.8	7.17/9.55	10.1/11.7	32/34	35/40	35/40
	05*	1	1	3.6/4.8	12.28/16.38	17.3/20.0	41/44	45/45	45/50
	06	2	1	4.2/5.6	14.33/19.11	20.2/23.3	45/49	45/50	50/50
	08	2	1	5.7/7.6	19.45/25.93	27.4/31.6	54/59	60/60	60/60
	10*	2	1	7.2/9.6	24.57/32.76	34.6/40.0	63/69	70/70	70/70
2.5 [8.79] 1-PHASE	No Heat	—	—	—	—	—	26/26	30/40	30/40
	03	1	1	2.1/2.8	7.17/9.55	10.1/11.7	38/40	40/50	45/50
	05*	1	1	3.6/4.8	12.28/16.38	17.3/20.0	47/51	50/50	60/60
	06	2	1	4.2/5.6	14.33/19.11	20.2/23.3	51/55	60/60	60/60
	08	2	1	5.7/7.6	19.45/25.93	27.4/31.6	60/65	60/70	70/70
	10*	2	1	7.2/9.6	24.57/32.76	34.6/40.0	69/76	70/70	80/80
3.0 [10.55] 1-PHASE	No Heat	—	—	—	—	—	25/25	30/40	30/40
	06*	2	1	4.2/5.6	14.33/19.11	20.2/23.3	51/54	60/60	60/60
	10*	2	1	7.2/9.6	24.57/32.76	34.6/40.0	69/75	70/70	80/80
	15*	3	1	10.8/14.4	36.85/49.13	51.9/60.0	90/100	90/90	100/100
3.0 [10.55] 3-PHASE	No Heat	—	—	—	—	—	18/18	20/25	20/25
	10*	3	1	7.2/9.6	24.57/32.76	20.0/23.1	43/46	45/45	50/50
	12	3	1	8.6/11.4	29.34/38.90	23.8/27.4	47/52	50/50	60/60
	15*	3	1	10.8/14.4	36.85/49.13	30.1/34.7	55/61	60/60	70/70

*Indicates heater series that may be factory installed by ordering appropriate model number.
(See Model Identification, page 5)

Copper Wire Size—AWG (1% Voltage Drop)

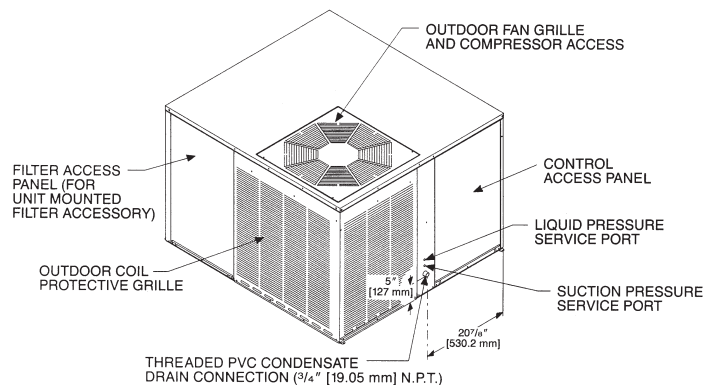
SUPPLY WIRE LENGTH-Feet	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125
300	4	3	2	2	1	1/0	1/0	2/0	2/0	3/0	3/0	4/0	4/0	4/0	4/0	4/0	250	250	250	250	300	300	300
250	4	4	3	3	2	1	1	1/0	1/0	2/0	2/0	3/0	3/0	3/0	3/0	3/0	4/0	4/0	4/0	250	250	250	250
200	6	4	4	4	3	2	2	1	1	1/0	1/0	1/0	2/0	2/0	2/0	3/0	3/0	3/0	3/0	4/0	4/0	4/0	4/0
150	8	6	6	4	4	4	3	3	2	2	1	1	1/0	1/0	1/0	1/0	2/0	2/0	2/0	2/0	3/0	3/0	3/0
100	10	8	8	6	6	6	4	4	4	3	3	2	2	2	1	1	1	1	1	1/0	1/0	1/0	1/0
50	14	12	10	10	8	8	6	6	6	4	4	4	3	3	3	2	2	2	2	2	1	1	1

CIRCUIT AMPACITY

Notes: 1. Wire size based on 60°C. type copper conductors below 100 ampacity.
2. Wire size based on 75°C. type copper conductors for 100 ampacity and above.

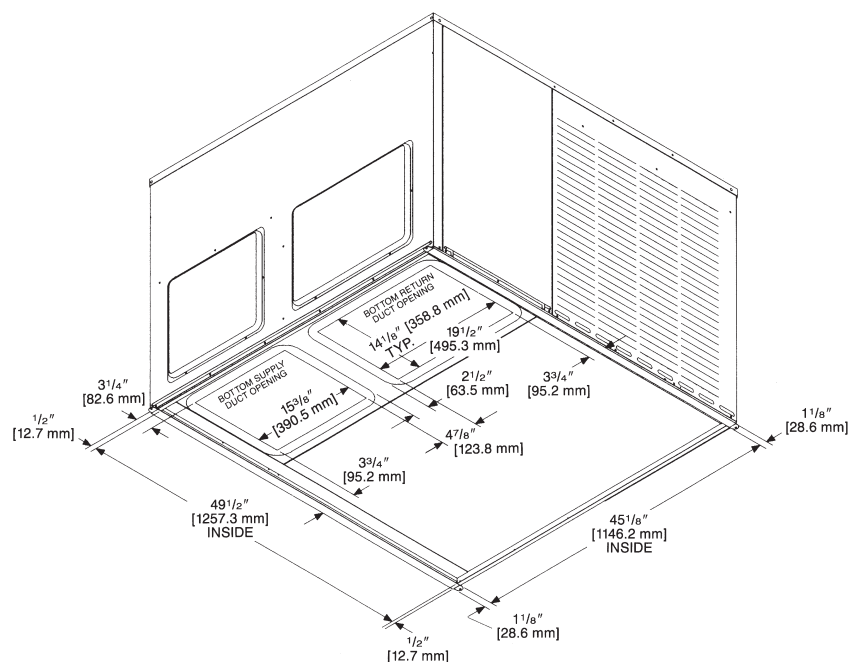
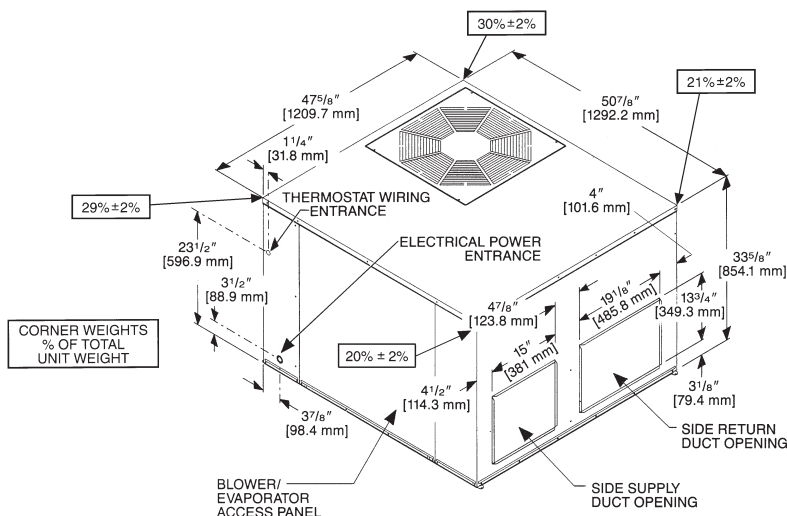
[] Designates Metric Conversions

UNIT DIMENSIONS SELF-CONTAINED AIR CONDITIONERS

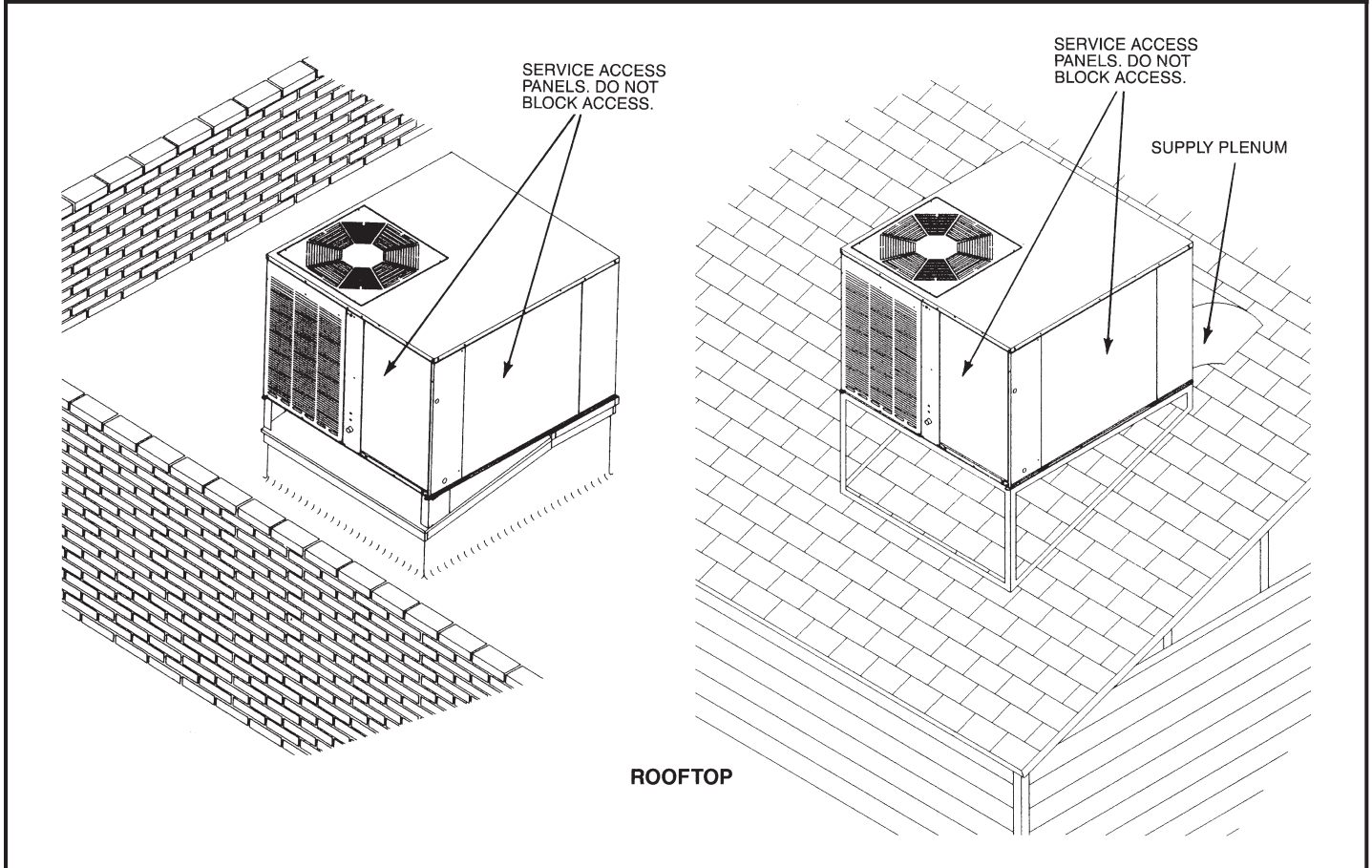
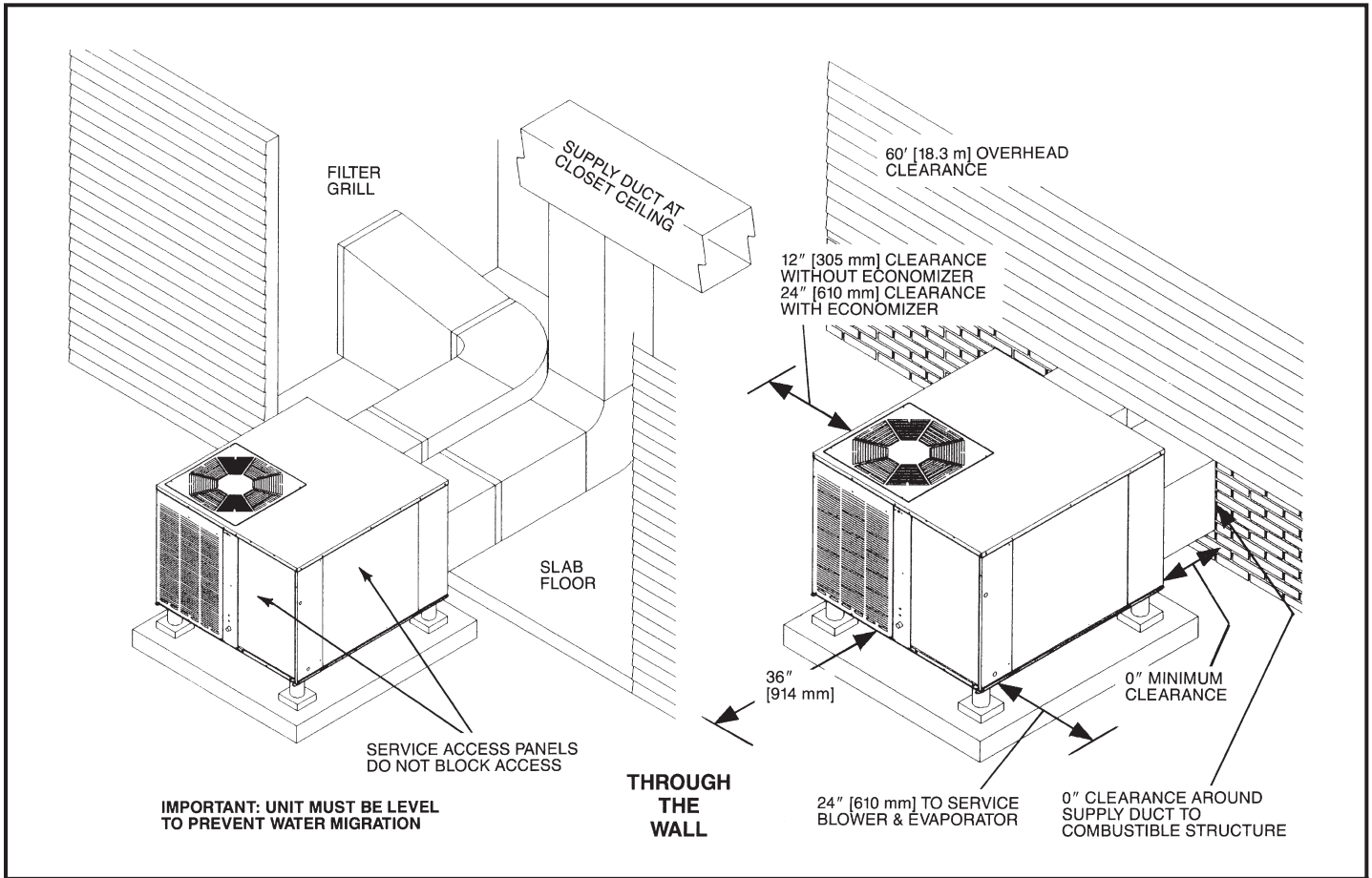


IMPORTANT: UNIT MUST BE LEVEL TO PREVENT WATER MIGRATION

RQKA/RQMA- 1.5-4 [5-14.1 kW] TON MODELS



[] Designates Metric Conversions

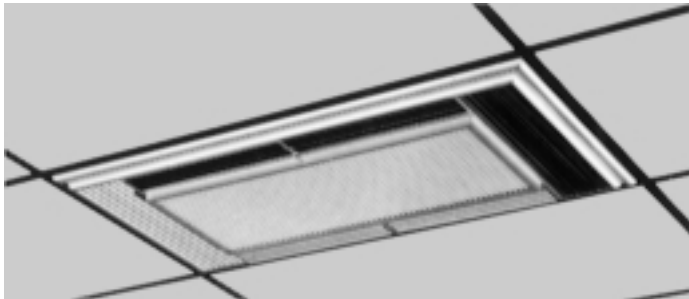


ACCESSORY EQUIPMENT

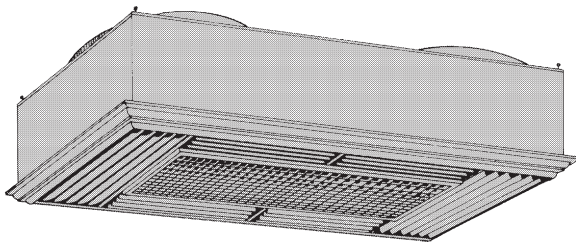
Accessory Description	Model Application	Accessory Model No.
Roofcurbs	RQKA/RQMA	RXQG-AAA14 (14" [356 mm] Height) RXQG-AAA24 (24" [610 mm] Height)
Supply & Return Diffusers	RQKA/RQMA	RXRN-BD15
Economizers (Downflow Only)	RQKA/RQMA	RXRE-CAA30 (3 Position) RXRD-CAM10 (Fully Modulating)
Fresh Air Damper	RQKA/RQMA	RXRF-FAB1 (Motorized-35%) RXRF-FAA1 (Fixed-35%)
Rectangular to Round Transition (Downflow)	RQKA/RQMA	RXMC-CA02 (16" [406 mm] Ducts) RXMC-CA03 (18" [457 mm] Ducts)
Filter Kit	RQKA/RQMA	RXRY-B01
High Pressure Control	RQKA/RQMA	RXAB-A04
Outdoor Thermostat	RQKA/RQMA	RXPT-A01
Monitor	RQKA/RQMA	RXPM-B01
Low Ambient Control	RQKA/RQMA	RXPZ-C01 or RXPZ-F01
Duct Adapter Sideflow Square to Round Transition	RQKA/RQMA	RXMC-BA01

[] Designates Metric Conversions

COMMON SUPPLY/RETURN CONCENTRIC AIR DIFFUSER



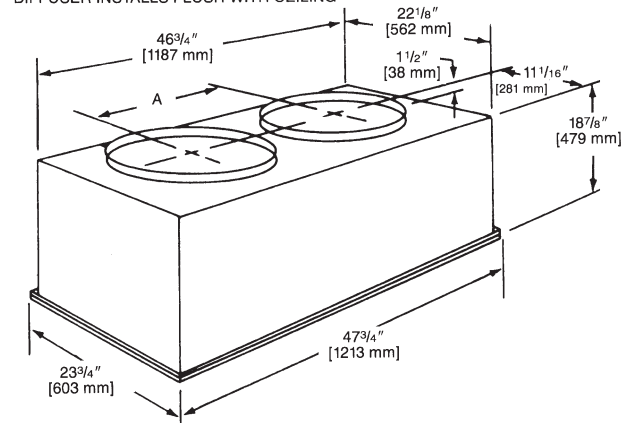
SUPPLY/RETURN DIFFUSER



Designed to convert a side by side or an over and under arrangement into a concentric distribution of air. The diffuser is flush mounted, completely insulated, assembled, and internally baffled to provide four way supply air distribution with a center return. To make the assembly complete and ready to fit into a 2' [0.61 m] x 4' [1.22 m] suspended ceiling grid, the diffuser includes adjustable supply louvers, hanging rings, anti-sweat gasket, and round flanges for use with flexible ducts.

Model No.	Diameter Inches [mm]	Shipping Wt. Lbs. [kg]	Dimension A Inches [mm]
RXRN-BD15	16 [406]	90 [40.82]	20 1/2 [521]

DIFFUSER INSTALLS FLUSH WITH CEILING



NOTE: The location of the combination supply and return diffuser should not exceed 10 feet [3.05 m] above the floor level for units @ 1000 CFM [472 L/s] or less and 12 [3.66 m] to 14 feet [4.27 m] above the floor level for units with CFM greater than 1000 [472 L/s]. If the diffuser is installed with a greater distance than recommended above, the supply air may become stratified above the required comfort area causing uncomfortable conditions.

AIRFLOW/PRESSURE DROP INFORMATION (INCHES W.C. [kPa])

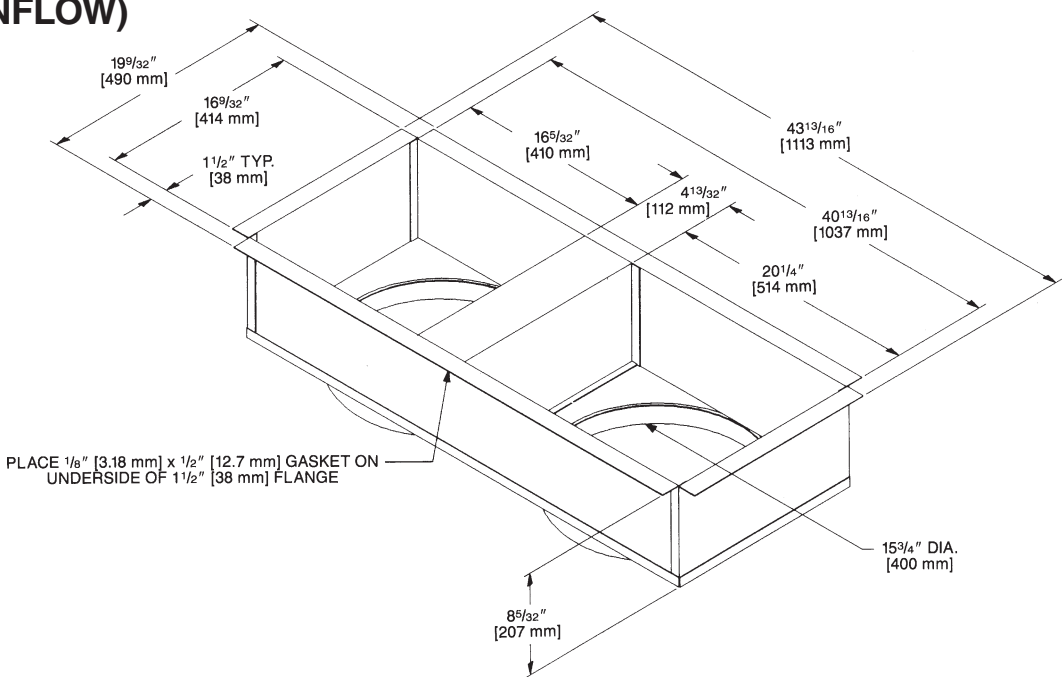
Accessory	Approximate CFM [L/s]-Supply Air			
	1300 [614]	1575 [743]	1800 [850]	2200 [1038]
Plenum & Supply/Return Duct	.07 [.017]	.10 [.024]	.12 [.030]	.17 [.042]
Diffuser	.09 [.022]	.13 [.032]	.16 [.040]	.24 [.060]
Economizer	.06 [.015]	.09 [.022]	.11 [.027]	.17 [.042]

SUPPLY AIR/PERFORMANCE

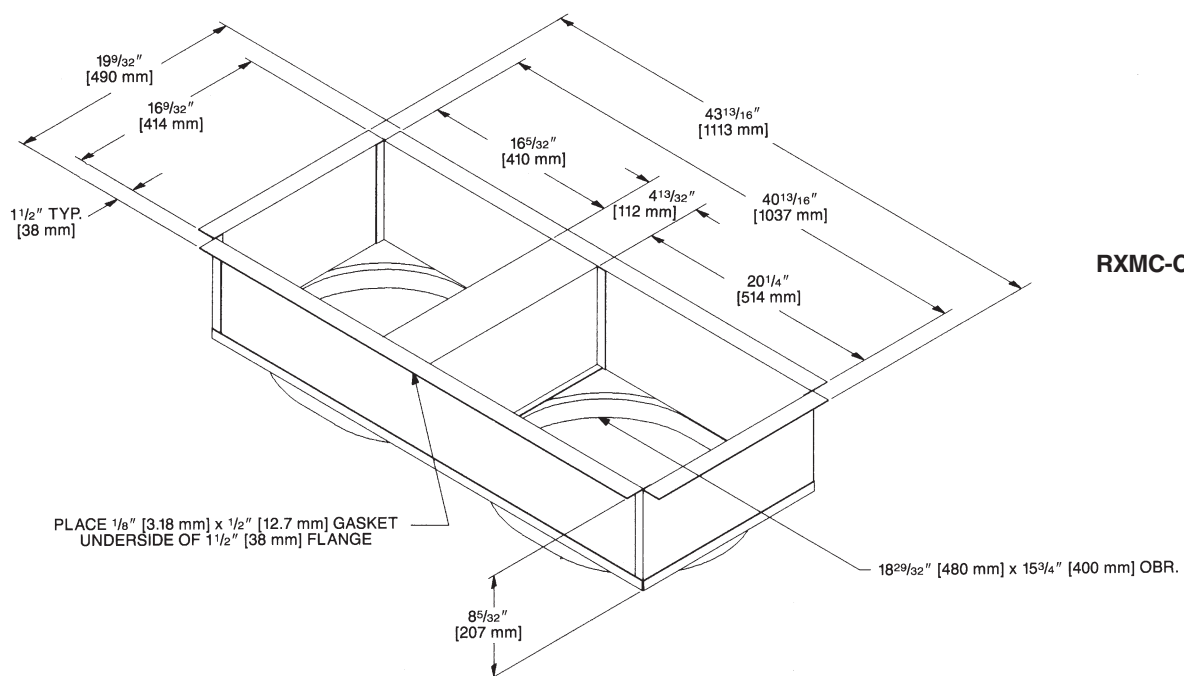
Diffuser Airflow CFM [L/s]	Range of Throw Ft. [m]
800 [378]-1200 [566]	14 [4.27]-16 [4.88]
1600 [755]-2000 [944]	18 [5.49]-28 [8.53]

DUCT ADAPTERS
RECTANGULAR TO ROUND
TRANSITIONS (DOWNFLOW)

RXMC-CA02



RXMC-CA03



[] Designates Metric Conversions

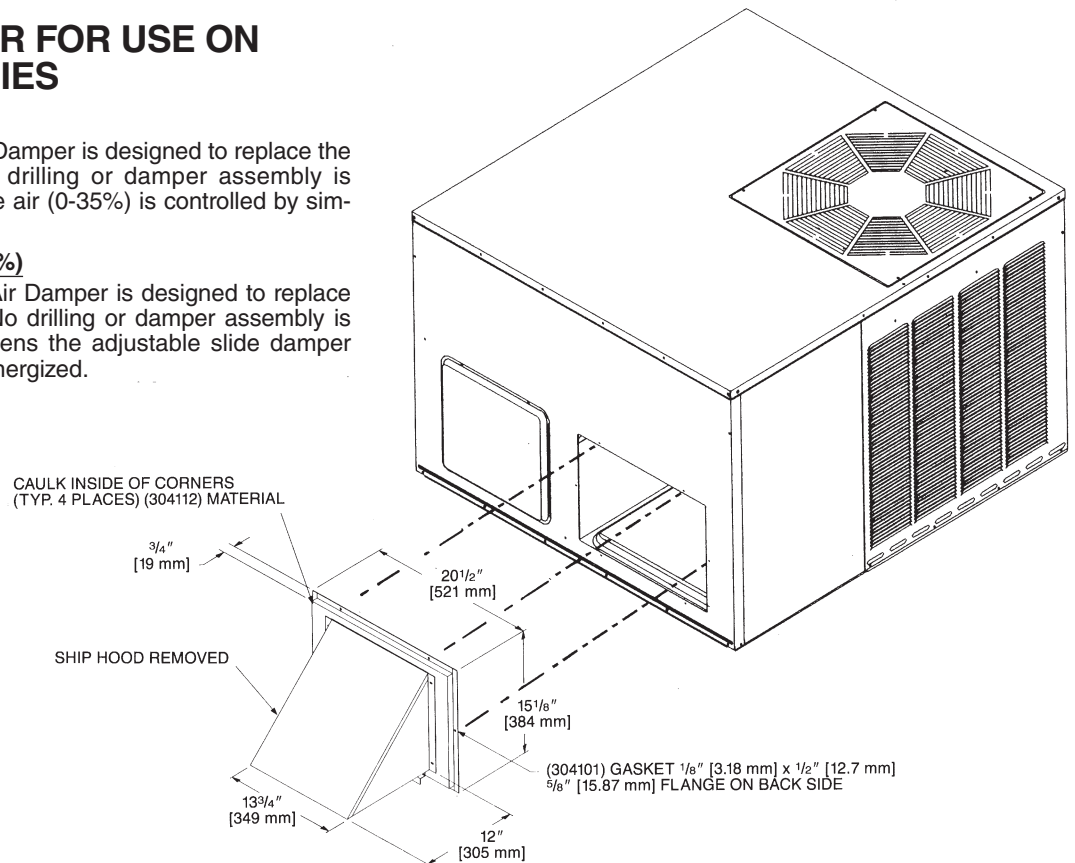
FRESH AIR DAMPER FOR USE ON RQKA-/RQMA- SERIES

RXRF-FAA1 (Fixed - 0-35%)

The 0-35% manual outside Air Damper is designed to replace the unit return air duct cover. No drilling or damper assembly is required. The amount of outside air (0-35%) is controlled by simply adjusting the side damper.

RXRF-FAB1 (Motorized - 0-35%)

The 0-35% motorized outside Air Damper is designed to replace the unit return air duct cover. No drilling or damper assembly is required. The control motor opens the adjustable slide damper when the unit blower motor is energized.



ECONOMIZERS

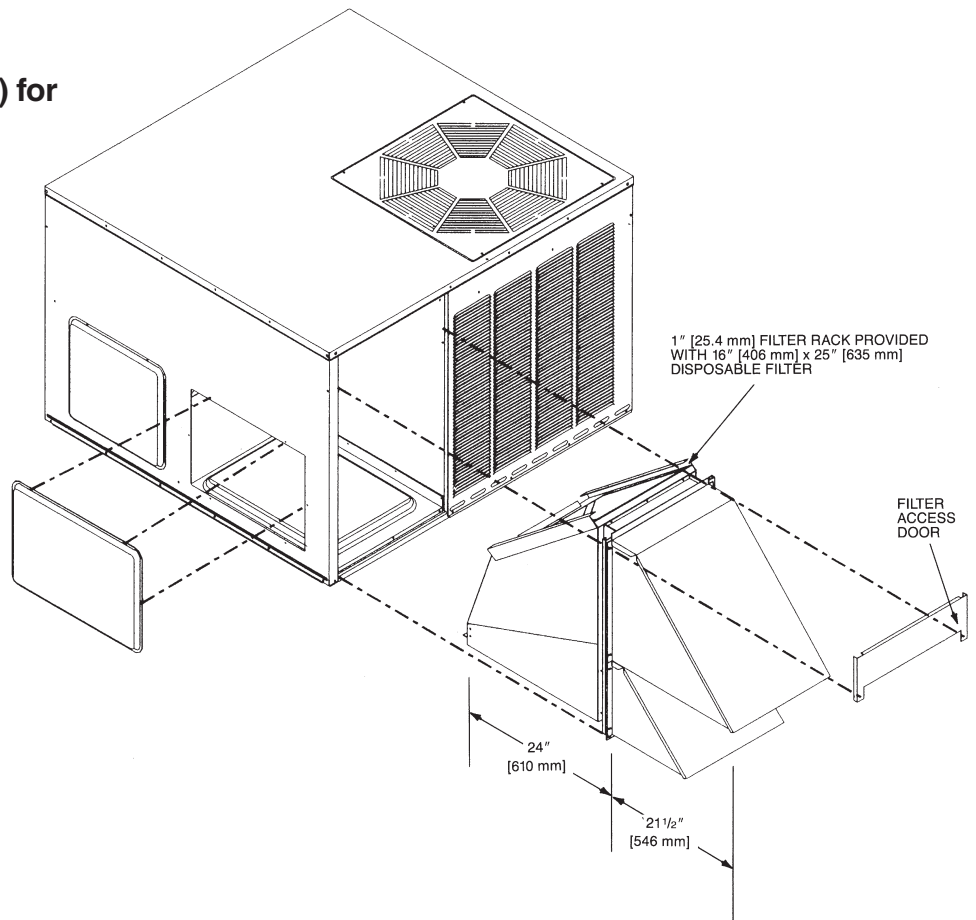
RXRE-CAA30 (3 Position) and RXRD-CAM10 (Fully Modulating) for RQKA-/RQMA- Series

RXRE-CAA30 (3 Position)

Provided with enthalpy control, and mixed air sensor. Settings include fully open, fully closed and adjustable mid point.

RXRD-CAM10 (Fully Modulating)

Provided with enthalpy control, mixed air sensor and minimum position potentiometer for proportioning (modulating) the amount of fresh air.

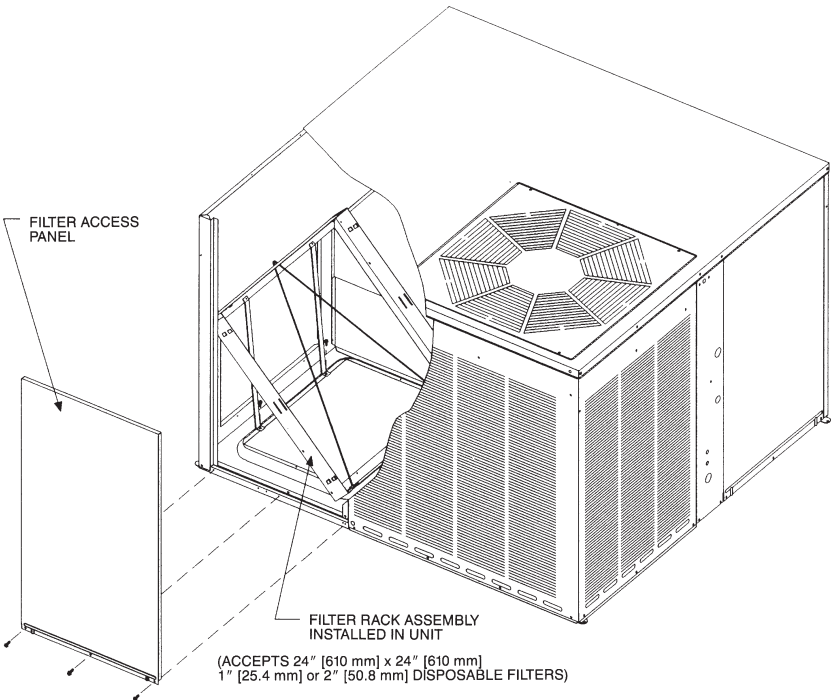


[] Designates Metric Conversions



FILTER KIT INSTALLATION
RXRY-B01

For use in either
vertical or horizontal
discharge.



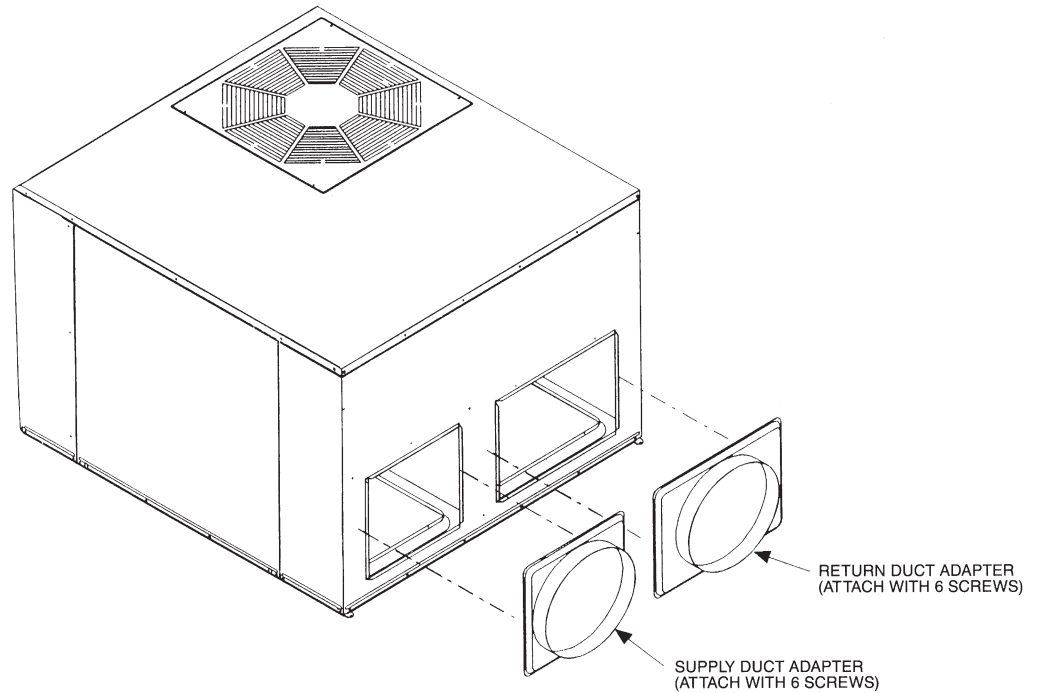
CFM [L/s]			
Model No.	Minimum Airflow	Nominal Airflow	Maximum Airflow
RQKA-/RQMA-	510 [241]	600 [283]	660 [311]
RQKA-/RQMA-	680 [321]	800 [378]	880 [415]
RQKA-/RQMA-	850 [401]	1000 [472]	1100 [519]
RQKA-/RQMA-	1020 [481]	1200 [566]	1320 [623]
RQKA-/RQMA-	1190 [562]	1400 [661]	1540 [727]
RQKA-/RQMA-	1275 [602]	1500 [708]	1650 [779]
RQKA-	1700 [802]	2000 [944]	2200 [1039]

[] Designates Metric Conversions

Airflow Pressure Drop, Inches W.C. [kPa]		
CFM [L/s]	1" Filter	2" Filter
500 [236]	.02 [.0050]	.03 [.0075]
600 [283]	.02 [.0050]	.03 [.0075]
700 [330]	.03 [.0075]	.04 [.0010]
800 [378]	.04 [.0010]	.05 [.0124]
900 [425]	.05 [.0124]	.06 [.0149]
1000 [472]	.07 [.0174]	.08 [.0199]
1100 [519]	.08 [.0199]	.09 [.0224]
1200 [566]	.10 [.0249]	.12 [.0299]
1300 [614]	.13 [.0324]	.15 [.0373]
1400 [661]	.16 [.0398]	.19 [.0473]
1500 [708]	.19 [.0473]	.21 [.0523]
1600 [755]	.20 [.0498]	.23 [.0572]
1700 [802]	.21 [.0523]	.24 [.0598]
1800 [850]	.22 [.0548]	.25 [.0623]
1900 [897]	.24 [.0598]	.27 [.0672]
2000 [944]	.26 [.0647]	.29 [.0722]

DUCT ADAPTER SIDEFLOW SQUARE TO ROUND TRANSITION RXMC-BA01

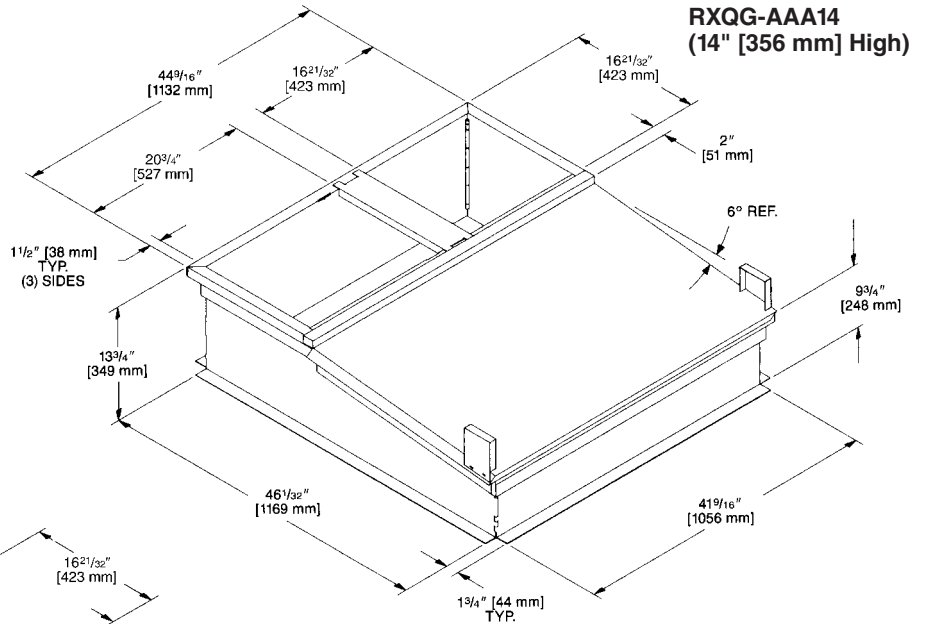
Adapts the side rectangular supply and return openings to 14" [356 mm] diameter round openings. Adapters provided with same finish as unit and also provided with thermal insulation.



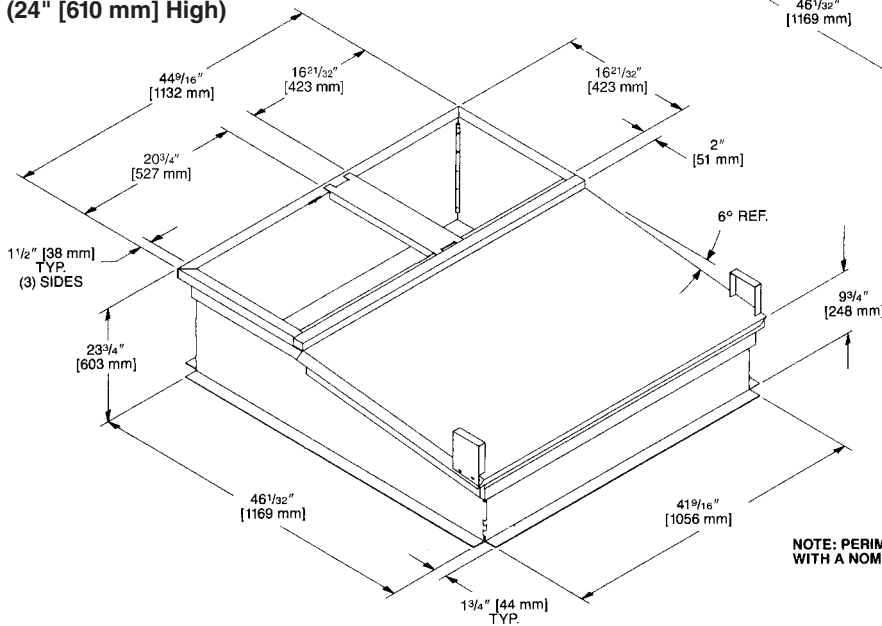
Roofcurb (Sloped) RXQG-AAA14 & RXQG-AAA24 for RQKA- & RQMA- Series

Heat pump models must
use sloped curbs.

Hinged corners make
for fast, easy set-up.



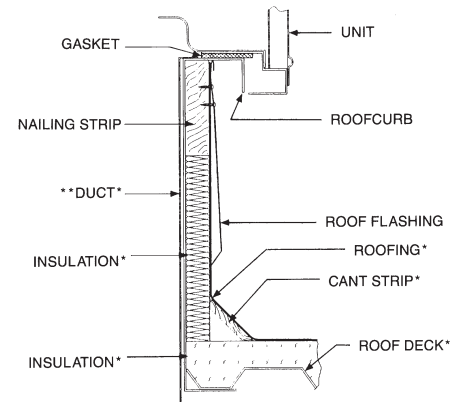
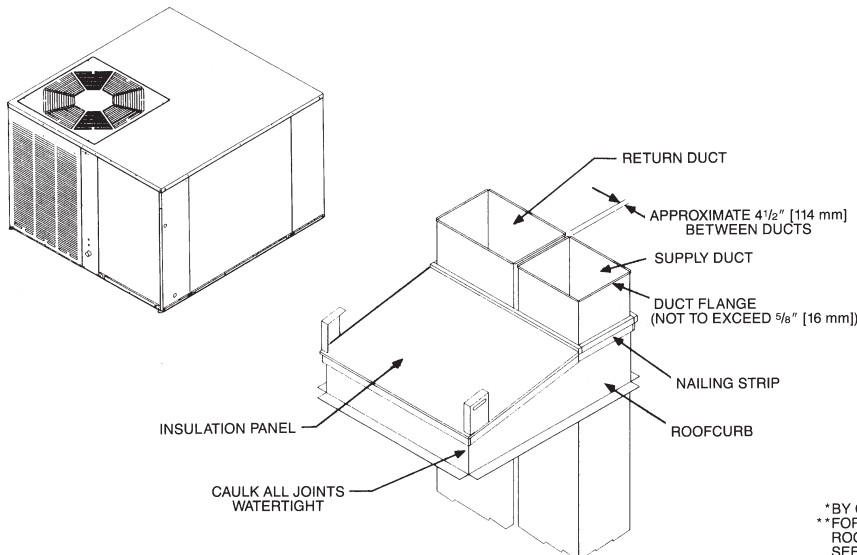
RXQG-AAA24 (24" [610 mm] High)



NOTE: PERIMETER OF ROOFCURB IS SUPPLIED
WITH A NOMINAL 1" [25.4 mm] x 4" [102 mm] PINE NAILING STRIP.

[] Designates Metric Conversions

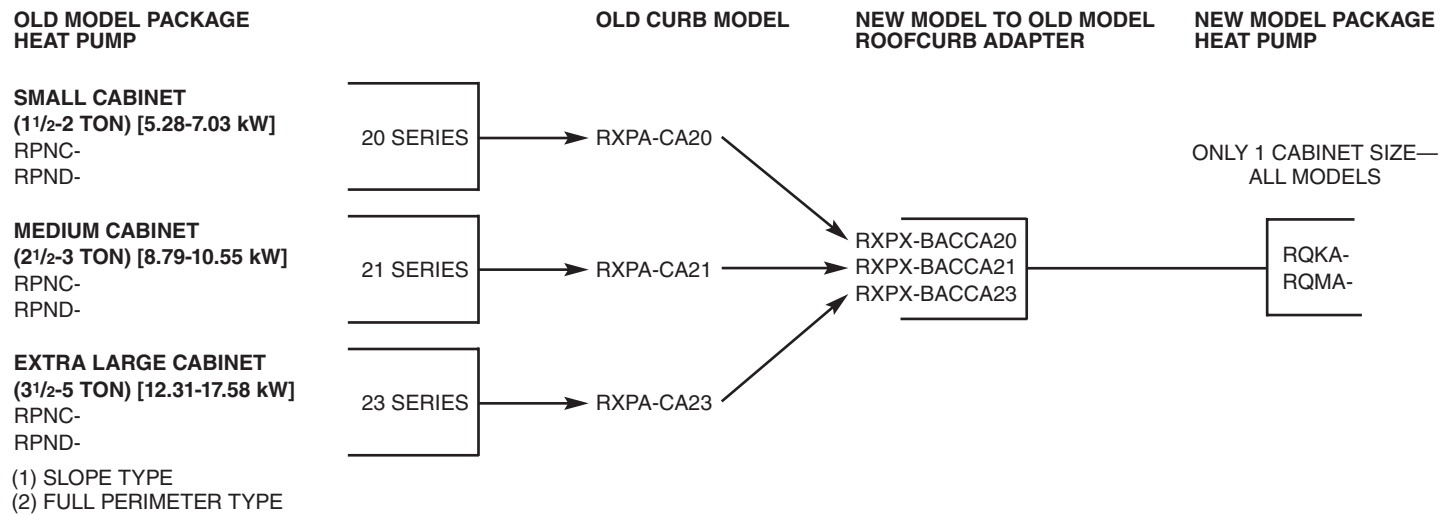
Packaged Heat Pump Roofcurb Installation (Sloped)



*BY CONTRACTOR
**FOR INSTALLATION OF DUCT AS SHOWN, USE RECOMMENDED DUCT SIZES FROM
ROOFCURB INSTALLATION INSTRUCTIONS. FOR DUCT FLANGE ATTACHMENT TO UNIT,
SEE UNIT INSTALLATION INSTRUCTIONS FOR RECOMMENDED DUCT SIZES.

ROOFCURB ADAPTERS

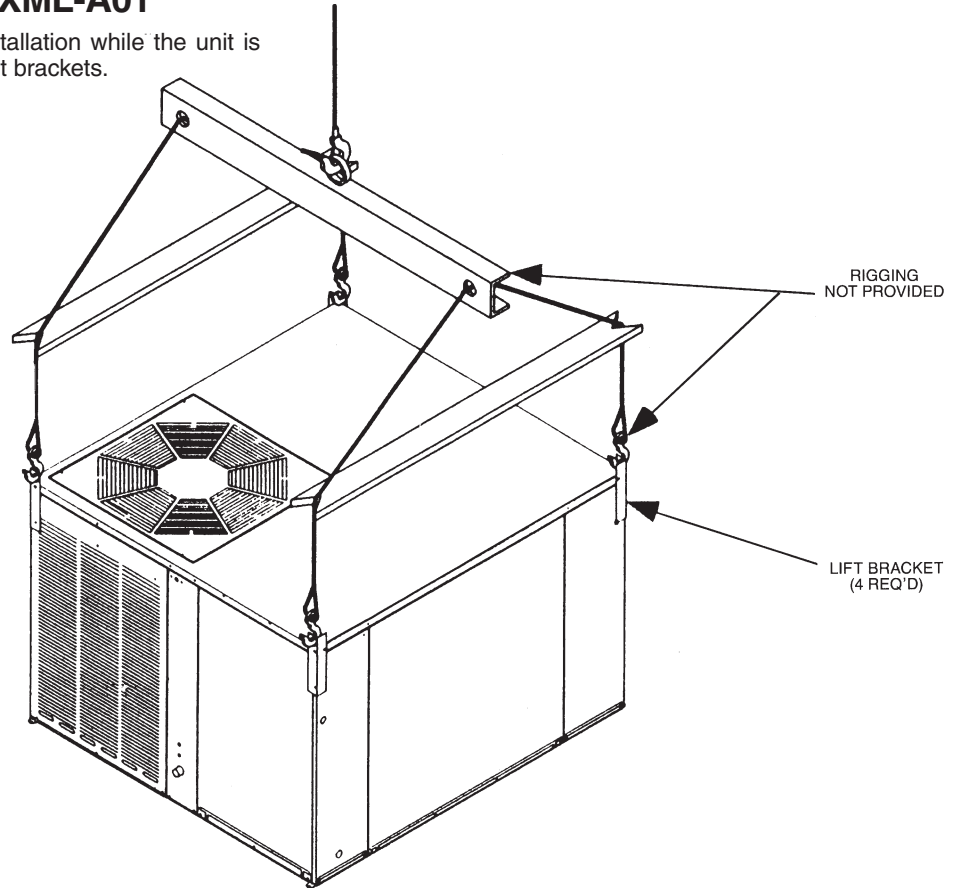
Fabricated from galvanized steel to adapt the New cabinet to the old style curb. All are furnished with a New gasket.

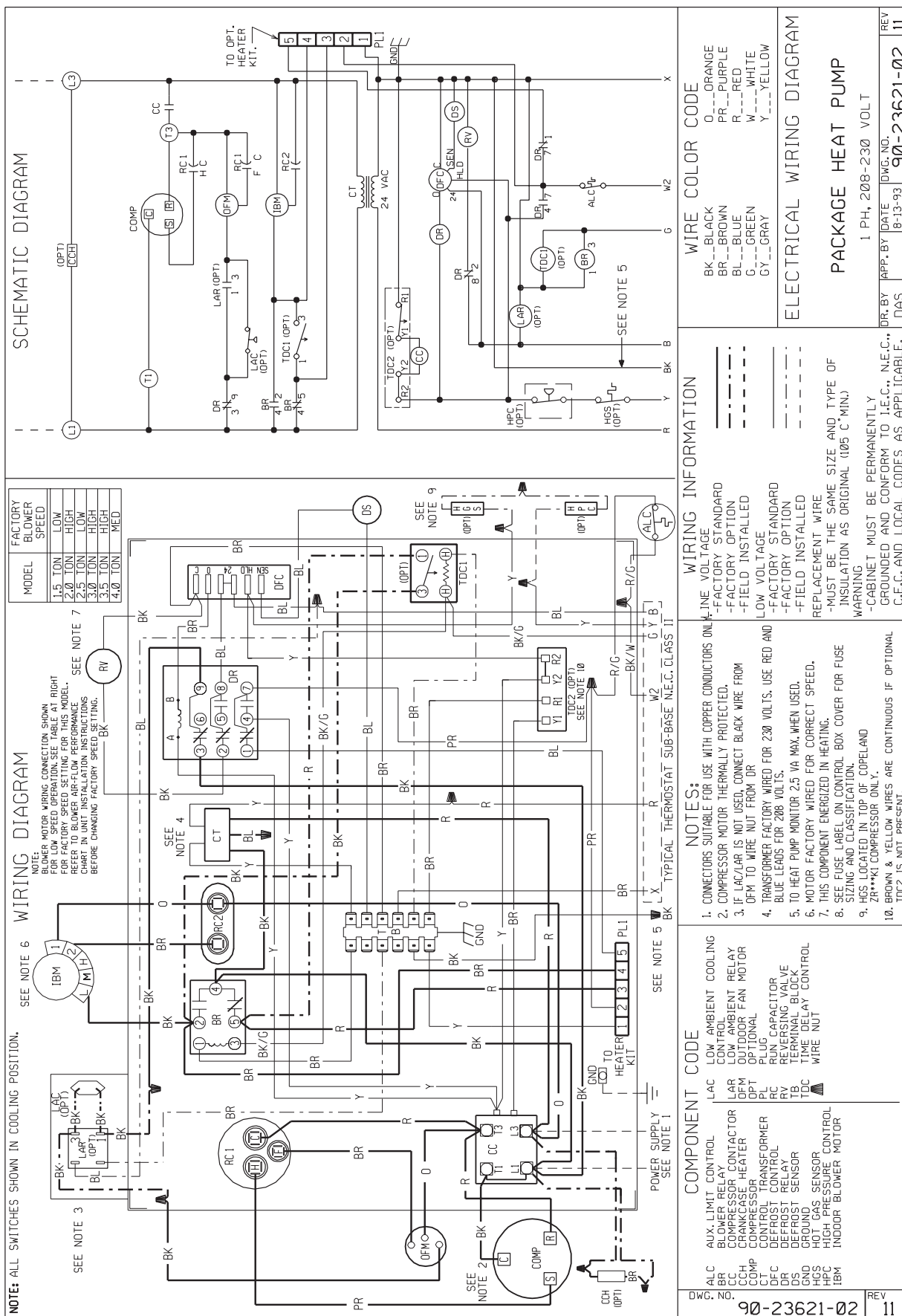


[] Designates Metric Conversions

LIFT KIT—MODEL NO. RXML-A01

The lift kit is intended for temporary installation while the unit is being lifted into position. Kit includes 4 lift brackets.









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

GENERAL TERMS OF LIMITED WARRANTY

Rheem will furnish a replacement for any part of this product which fails in normal use and service within the applicable periods 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 and Evaporator Coil leaks
caused by factory defectsFive (5) Years
Compressor (1 Phase, 12-SEER models)Ten (10) Years
Compressor (3 Phase models)Five (5) Years
*Any Other PartOne (1) Year

*All other parts and components carry a limited warranty of five years, provided they are single-phase products installed in a residential application.

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.

**RHEEM
AIR CONDITIONING
DIVISION**

5600 Old Greenwood Road, Fort Smith, Arkansas 72908



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