



The new degree of comfort.™



Air

Package Heat Pump
RQPM/RQRM Series

Rheem *Classic*® Series Dedicated Horizontal Package Heat Pump



RQPM- 14-SEER Series

Nominal Sizes 2-5 Tons [7-17.6 kW]

RQRM- 15/16-SEER Series

Nominal Sizes 2-5 Tons [7-17.6 kW]



"Proper sizing and installation of equipment is critical to achieve optimal performance. Ask your Contractor for details or visit www.energystar.gov."



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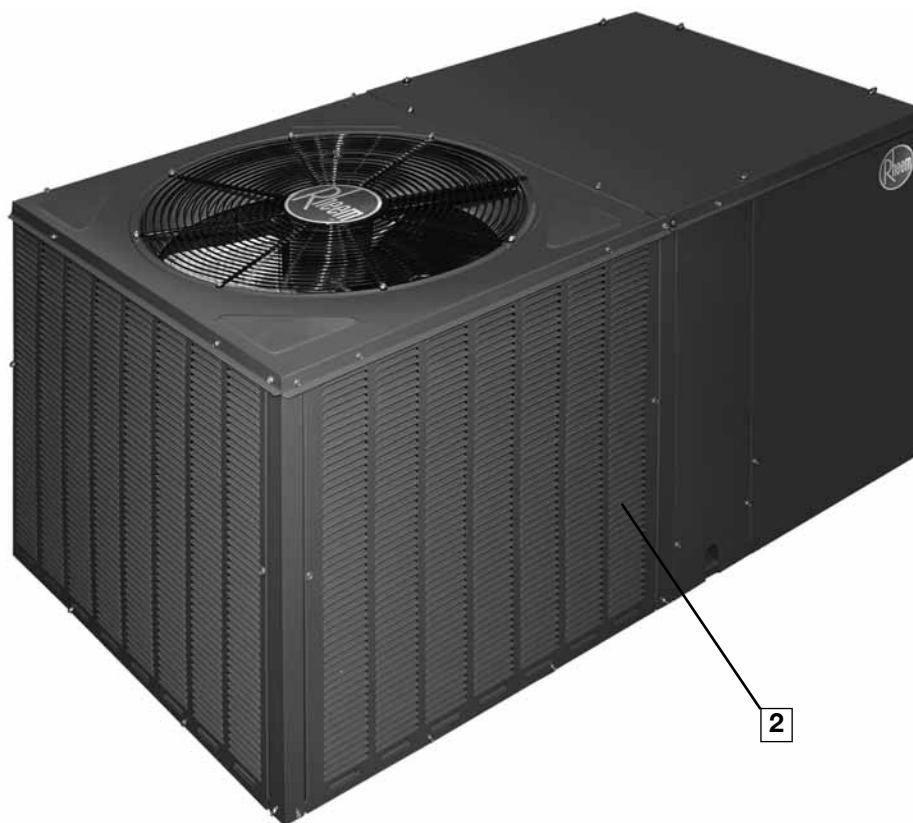
FORM NO. P11-790 REV. 4

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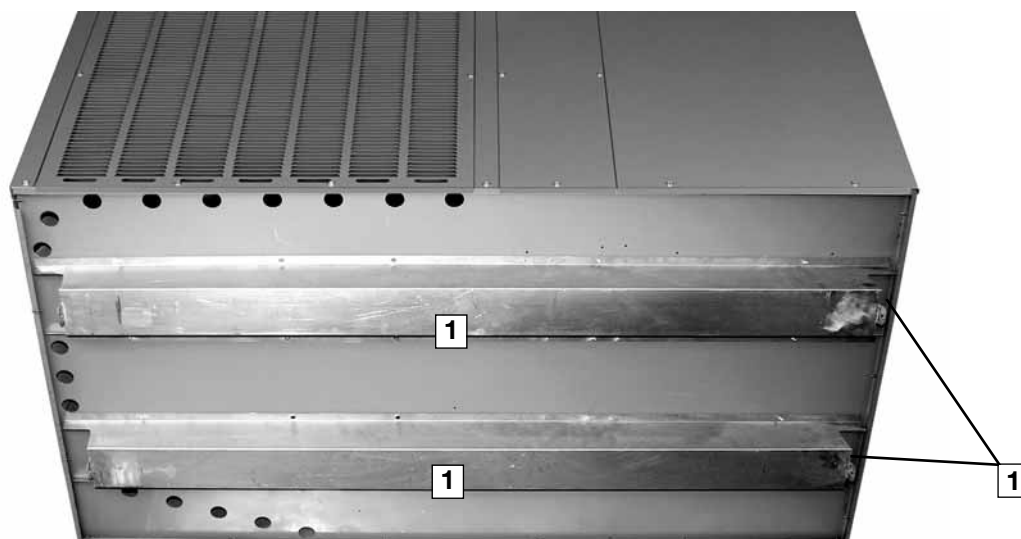
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Unit Features & Benefits
RQPM/RQRM Series

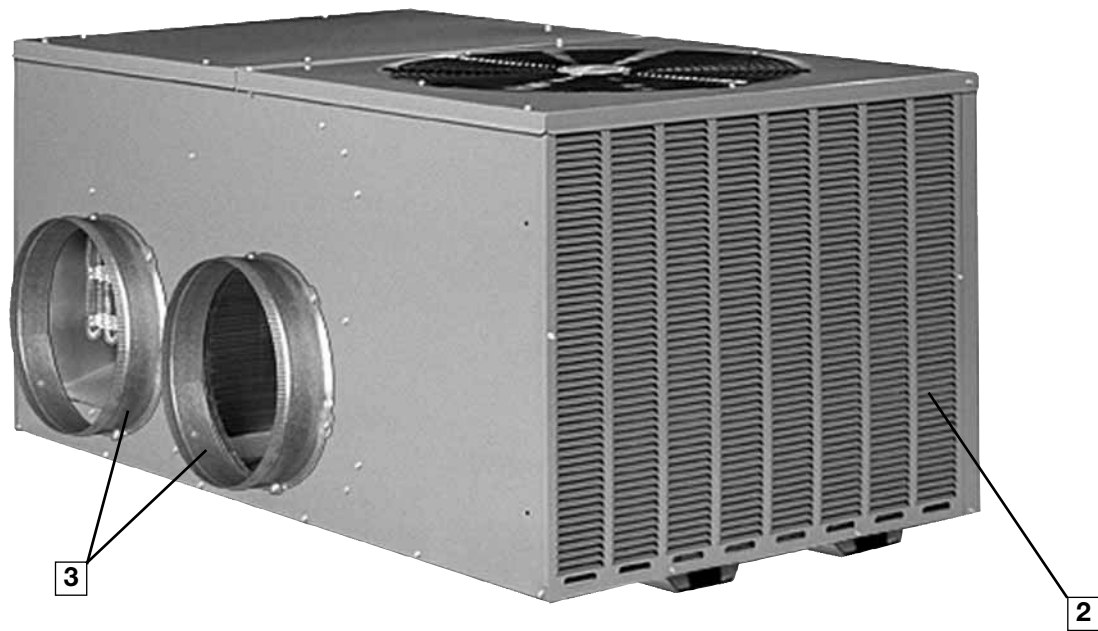
The RQPM & RQRM series of Package Heat Pumps are designed to be the most efficient, quickest to install, easiest to service, and most reliable units in the industry – while still maintaining an affordable price. This platform provides you with a full line of nominal capacities from 2 through 5 tons. RQPM models are 14 SEER and RQRM models are 15/16 SEER, each AHRI-certified.

As with all units offered by Rheem, we started our design process with input from the customer. From fan grille to the base rails, Rheem has combined 30 years worth of package unit design experience with input from Dealers to meet the latest application requirements.

Starting at the bottom, the base rails (1) allow for separation between the unit base and the ground level, protecting the base from ground moisture and providing air circulation around the unit. Constructed from sturdy 18-gauge G-90 sheet metal, the base rails also allow for easier maneuverability during installation.



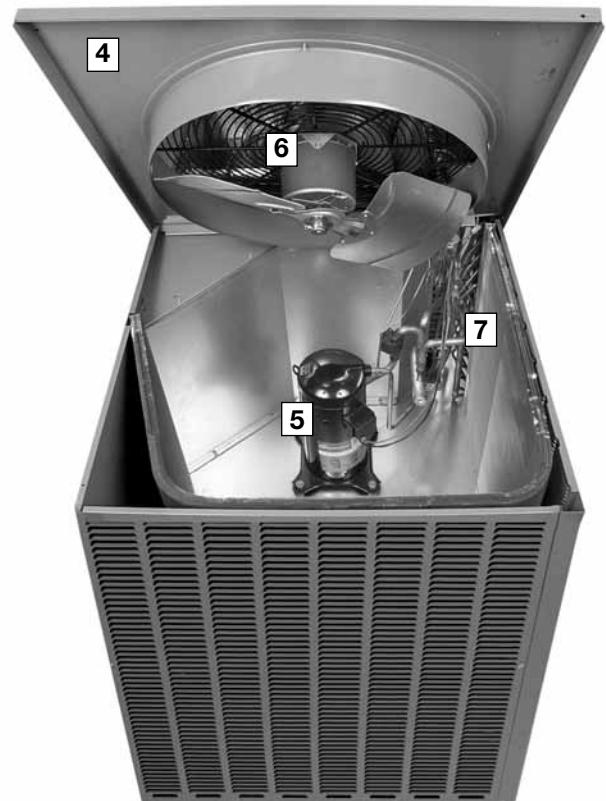
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To provide flexibility in space-limited installations, the unit can be installed flush to the structure without blocking airflow over the outdoor coil or making any screws inaccessible for maintenance. Furthermore, the cabinet is a slim 33" wide. Full-louver coil protection ([2]) makes Rheem unique in the industry and also totally protects the outdoor coil from vandalism and weather extremes.

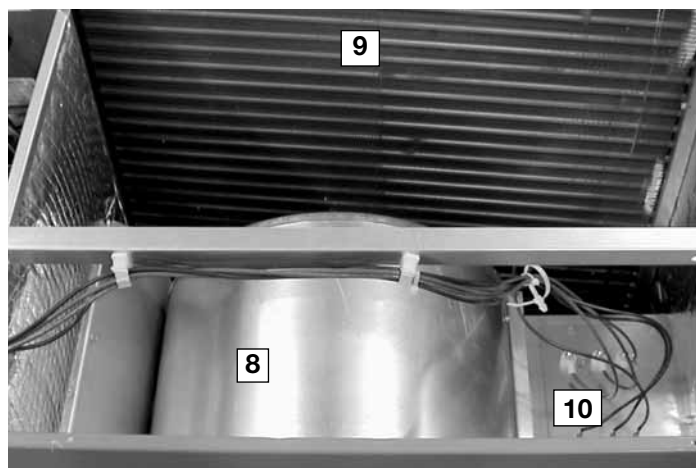
Two round 14" duct collar ([3]) are included with the unit, which makes attaching duct a snap. The collar is crimped around the leading edge, making it easier to install duct onto the collar. A metal bead around the circumference prevents the attached ducting from sliding off after installation.

Keeping service technicians in mind, Rheem takes pride providing easy access to internal components. The outdoor-section top cover ([4]) is easily removed to allow access to the scroll compressor ([5]), outdoor fan motor ([6]), and refrigerant tubing ([7]).





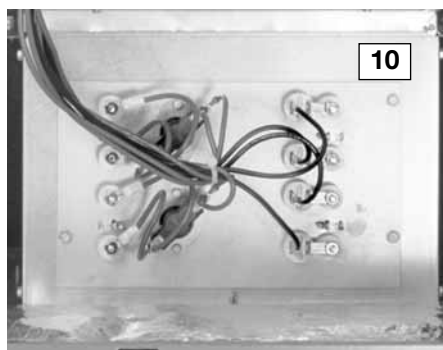
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Unit Features & Benefits
RQPM/RQRM Series

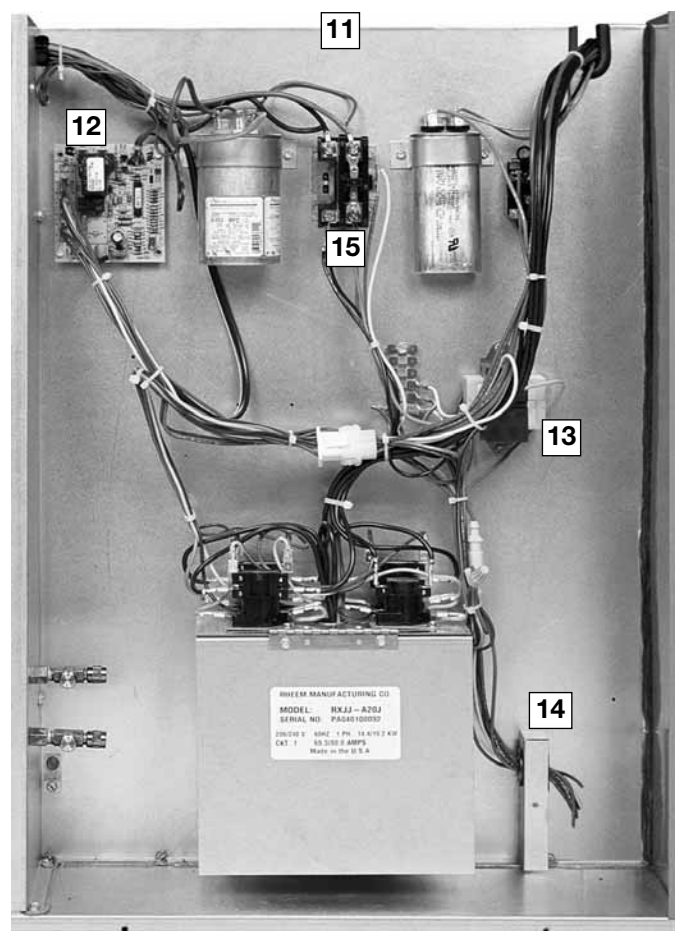
The indoor-section top cover also easily opens to access the removable blower housing and motor ([8]). This also gains total access to the indoor coil for cleaning and service ([9]).

The indoor motor and blower system will achieve nominal 400 CFM per ton up to a minimum of .8 inches of static pressure, which helps to eliminate customer dissatisfaction over poor air-flow brought about by high-static duct designs.

Optional electric heat ([10]) can be easily installed in the field, with either dual- or single-point power, and is designed to easily install into the unit. Electric heat can also be specified as factory installed.



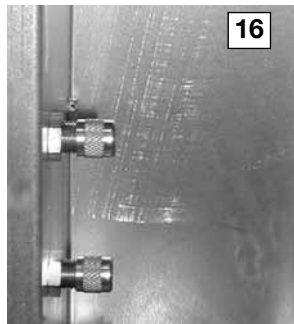
The controls are located in a large, easy-to-access control box ([11]), which provides plenty of space in which to troubleshoot. A demand defrost control ([12]) is used to manage the defrost cycle. The transformer ([13]) is protected by a in-line fuse, which protects the transformer during a low-voltage electrical short. The low-voltage ([14]) and high-voltage ([15]) wiring connections are easily accessed and have ample room around which to maneuver. Troubleshooting is further aided with number- and color-coded wiring, which corresponds with the large, easy-to-read wiring diagram located on the inside of the control box access panel.



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High and low pressure can easily and accurately be measured using the two gauge ports (16) located inside the control box.



A small side panel grants access to a removable, sloped drain pan (17), which helps to ensure indoor air quality (IAQ) throughout the life of the unit. A 3/4" drain trap (18) assembly is provided for convenience.

"Patent 7,430,877"



Foil-faced insulation is securely glued and captured to the cabinet. On the base of the unit, closed-cell insulation is used to prevent moisture from being absorbed and help reduce mold content to provide better indoor air quality.

For reliability and long-lasting operation, Rheem uses 100% scroll compressor technology (19) on all package platforms. With over 18 years of history, the scroll compressor has proven to be reliable, efficient, and quiet during operation.

(Note: The RQRM- A060 uses a two stage scroll compressor).

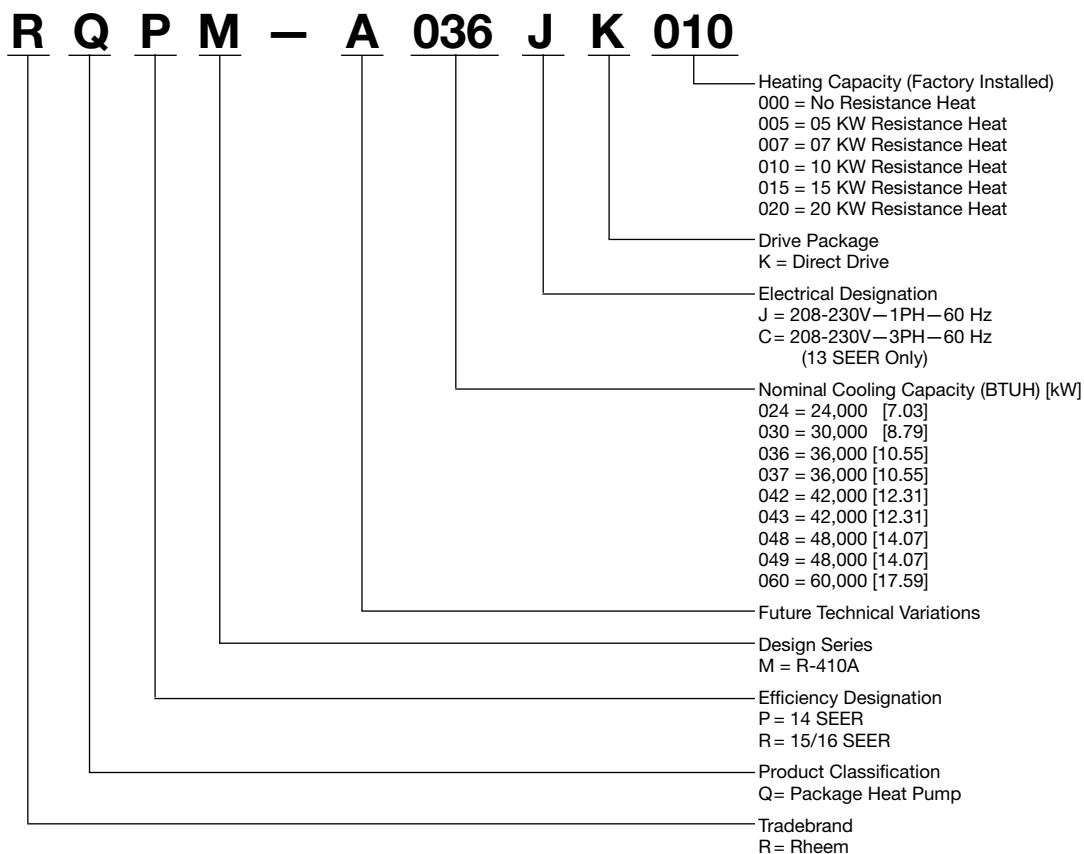


Low pressure control standard on all models (20).
High pressure control standard on -060 model.





Air



[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7-17.6 kW]

Model RQPM- Series	A024JK	A030JK	A036CK	A036JK
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	24,000 [7.03]	29,400 [8.61]	36,000 [10.55]	36,000 [10.55]
EER/SEER ²	12/14	12.05/14	11.6/14	11.6/14
Nominal CFM/AHRI Rated CFM [L/s]	800/800 [378/378]	1000/1000 [472/472]	1200/1200 [566/566]	1200/1200 [566/566]
AHRI Net Cooling Capacity Btu [kW]	23,600 [6.91]	29,000 [8.5]	35,400 [10.37]	35,400 [10.37]
Net Sensible Capacity Btu [kW]	18,400 [5.39]	23,000 [6.74]	27,600 [8.09]	27,600 [8.09]
Net Latent Capacity Btu [kW]	5,200 [1.52]	6,000 [1.76]	7,800 [2.29]	7,800 [2.29]
Net System Power kW	1.97	2.41	3.05	3.05
Heating Performance (Heat Pumps)³				
Heating Input Btu [kW] Rating	23,200 [6.8]	28,000 [8.2]	34,200 [10.02]	34,200 [10.02]
System Power KW/COP	1.93/3.5	2.27/3.62	2.78/3.6	2.78/3.6
Low Temp. Btuh [kW] Rating	13,200 [3.87]	15,200 [4.45]	19,000 [5.57]	19,000 [5.57]
System Power KW/COP	1.71/2.26	2.01/2.22	2.48/2.24	2.48/2.24
HSPF (Btu/Watts-hr)	8.0	8.0	8.0	8.0
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	76	76	76	76
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
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]	10.44 [0.97]	12.65 [1.18]	12.65 [1.18]	12.65 [1.18]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]	1 / 20 [8]
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]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	4.33 [0.4]	4.33 [0.4]	4.33 [0.4]	4.33 [0.4]
Rows / FPI [FPcm]	2 / 15 [6]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/1 [25.4]	1/1 [25.4]	1/1 [25.4]	1/1 [25.4]
Outdoor Fan—Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3200 [1510]	3200 [1510]	3200 [1510]	3200 [1510]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	825	825	825	825
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/2	Direct/2	Direct/2	Direct/2
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1050	1050	1050	1050
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]	90 [2552]	93 [2637]	93 [2637]	93 [2637]
Weights				
Net Weight lbs. [kg]	308 [140]	331 [150]	356 [161]	356 [161]
Ship Weight lbs. [kg]	332 [151]	355 [161]	380 [172]	380 [172]

See Page 15 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7-17.6 kW]

Model RQPM- Series	A037CK	A037JK	A042CK	A042JK
Cooling Performance¹				CONTINUED 
Gross Cooling Capacity Btu [kW]	36,000 [10.55]	36,000 [10.55]	44,000 [12.89]	44,000 [12.89]
EER/SEER ²	12/14	12/14	11.85/14	11.85/14
Nominal CFM/AHRI Rated CFM [L/s]	1200/1200 [566/566]	1200/1200 [566/566]	1400/1450 [661/684]	1400/1450 [661/684]
AHRI Net Cooling Capacity Btu [kW]	35,400 [10.37]	35,400 [10.37]	43,000 [12.6]	43,000 [12.6]
Net Sensible Capacity Btu [kW]	27,600 [8.09]	27,600 [8.09]	31,800 [9.32]	31,800 [9.32]
Net Latent Capacity Btu [kW]	7,800 [2.29]	7,800 [2.29]	11,200 [3.28]	11,200 [3.28]
Net System Power kW	3.05	3.05	3.63	3.63
Heating Performance (Heat Pumps)³				
Heating Input Btu [kW] Rating	34,200 [10.02]	34,200 [10.02]	38,500 [11.28]	38,500 [11.28]
System Power KW/COP	2.78/3.6	2.78/3.6	3.31/3.4	3.31/3.4
Low Temp. Btuh [kW] Rating	19,000 [5.57]	19,000 [5.57]	21,800 [6.39]	21,800 [6.39]
System Power KW/COP	2.48/2.24	2.48/2.24	3/2.06	3/2.06
HSPF (Btu/Watts-hr)	8	8	8.1	8.0
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	76	76	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
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]	12.65 [1.18]	12.65 [1.18]	16.54 [1.54]	16.54 [1.54]
Rows / FPI [FPcm]	1 / 20 [8]	1 / 20 [8]	1 / 22 [9]	1 / 22 [9]
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]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	4.33 [0.4]	4.33 [0.4]	5.78 [0.54]	5.78 [0.54]
Rows / FPI [FPcm]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/1 [25.4]	1/1 [25.4]	1/1 [25.4]	1/1 [25.4]
Outdoor Fan—Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3200 [1510]	3200 [1510]	4200 [1982]	4200 [1982]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	850	850	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x9 [254x229]	1/10x9 [254x229]	1/11x9 [279.4x228.6]	1/11x9 [279.4x228.6]
Drive Type/No. Speeds	Direct/2	Direct/2	Direct/2	Direct/2
No. Motors	1	1	1	1
Motor HP	1/2	1/2	3/4	3/4
Motor RPM	1050	1050	1050	1050
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)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	93 [2637]	93 [2637]	128 [3629]	128 [3629]
Weights				
Net Weight lbs. [kg]	356 [161]	356 [161]	408 [185]	408 [185]
Ship Weight lbs. [kg]	380 [172]	380 [172]	434 [197]	434 [197]

See Page 15 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7-17.6 kW]

Model RQPM- Series	A043CK	A043JK	A048CK	A048JK
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	43,500 [12.75]	43,500 [12.75]	49,000 [14.36]	49,000 [14.36]
EER/SEER ²	12/14	12/14	11.8/14	11.8/14
Nominal CFM/AHRI Rated CFM [L/s]	1400/1425 [661/672]	1400/1425 [661/672]	1600/1550 [755/731]	1600/1550 [755/731]
AHRI Net Cooling Capacity Btu [kW]	42,500 [12.45]	42,500 [12.45]	48,000 [14.06]	48,000 [14.06]
Net Sensible Capacity Btu [kW]	32,500 [9.52]	32,500 [9.52]	36,800 [10.78]	36,800 [10.78]
Net Latent Capacity Btu [kW]	10,000 [2.93]	10,000 [2.93]	11,200 [3.28]	11,200 [3.28]
Net System Power kW	3.44	3.44	4.07	4.07
Heating Performance (Heat Pumps)³				
Heating Input Btu [kW] Rating	40,000 [11.72]	40,000 [11.72]	42,000 [12.31]	42,000 [12.31]
System Power KW/COP	3.32/3.5	3.32/3.5	3.59/3.66	3.59/3.66
Low Temp. Btuh [kW] Rating	22,000 [6.45]	22,000 [6.45]	25,400 [7.44]	25,400 [7.44]
System Power KW/COP	3/2.14	3/2.14	3.22/2.3	3.22/2.3
HSPF (Btu/Watts-hr)	8	8	8.0	8.0
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	78	78	78	78
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
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]	13.45 [1.25]	13.45 [1.25]	16.54 [1.54]	16.54 [1.54]
Rows / FPI [FPcm]	2 / 18 [7]	2 / 18 [7]	1 / 22 [9]	1 / 22 [9]
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]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	5.78 [0.54]	5.78 [0.54]	5.78 [0.54]	5.78 [0.54]
Rows / FPI [FPcm]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/1 [25.4]	1/1 [25.4]	1/1 [25.4]	1/1 [25.4]
Outdoor Fan—Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	4200 [1982]	4200 [1982]	4200 [1982]	4200 [1982]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 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]	1/11x9 [279x229]	1/11x9 [279x229]	1/11x9 [279.4x228.6]	1/11x9 [279.4x228.6]
Drive Type/No. Speeds	Direct/2	Direct/2	Direct/2	Direct/2
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	3/4
Motor RPM	1050	1050	1050	1050
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)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	161 [4564]	161 [4564]	120 [3402]	120 [3402]
Weights				
Net Weight lbs. [kg]	408 [185]	408 [185]	429 [195]	429 [195]
Ship Weight lbs. [kg]	434 [197]	434 [197]	455 [206]	455 [206]

See Page 15 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7-17.6 kW]

Model RQPM- Series	A049CK	A049JK	A060CK	A060JK
Cooling Performance¹				
Gross Cooling Capacity Btu [kW]	49,000 [14.36]	49,000 [14.36]	61,000 [17.87]	61,000 [17.87]
EER/SEER ²	12/14	12/14	12.0/14	12.0/14
Nominal CFM/AHRI Rated CFM [L/s]	1600/1550 [755/731]	1600/1550 [755/731]	2000/1900 [944/897]	2000/1900 [944/897]
AHRI Net Cooling Capacity Btu [kW]	48,000 [14.06]	48,000 [14.06]	59,500 [17.43]	59,500 [17.43]
Net Sensible Capacity Btu [kW]	36,800 [10.78]	36,800 [10.78]	45,300 [13.27]	45,300 [13.27]
Net Latent Capacity Btu [kW]	11,200 [3.28]	11,200 [3.28]	14,200 [4.16]	14,200 [4.16]
Net System Power kW	4	4	5.00	5.00
Heating Performance (Heat Pumps)³				
Heating Input Btu [kW] Rating	42,000 [12.31]	42,000 [12.31]	59,500 [17.43]	59,500 [17.43]
System Power KW/COP	3.59/3.66	3.59/3.66	4.74/3.72	4.74/3.72
Low Temp. Btuh [kW] Rating	25,400 [7.44]	25,400 [7.44]	36,600 [10.72]	36,600 [10.72]
System Power KW/COP	3.22/2.3	3.22/2.3	4.26/2.54	4.26/2.54
HSPF (Btu/Watts-hr)	8	8	8	8
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴				
	78	78	78	78
Outdoor Coil—Fin Type				
Tube Type	Louvered	Louvered	Louvered	Louvered
Tube Size in. [mm] OD	Rifled	Rifled	Rifled	Rifled
Face Area sq. ft. [sq. m]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Rows / FPI [FPcm]	16.54 [1.54]	16.54 [1.54]	16.54 [1.54]	16.54 [1.54]
Refrigerant Control	1 / 22 [9]	1 / 22 [9]	2 / 18 [7]	2 / 18 [7]
	TX Valves	TX Valves	TX Valves	TX Valves
Indoor Coil—Fin Type				
Tube Type	Louvered	Louvered	Louvered	Louvered
Tube Size in. [mm]	Rifled	Rifled	Rifled	Rifled
Face Area sq. ft. [sq. m]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Rows / FPI [FPcm]	5.78 [0.54]	5.78 [0.54]	5.78 [0.54]	5.78 [0.54]
Refrigerant Control	3 / 13 [5]	3 / 13 [5]	4 / 13 [5]	4 / 13 [5]
	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/1 [25.4]	1/1 [25.4]	1/1 [25.4]	1/1 [25.4]
Outdoor Fan—Type				
	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	4200 [1982]	4200 [1982]	4000 [1888]	4000 [1888]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	908	908	1075	1075
Indoor Fan—Type				
	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/11x9 [279x229]	1/11x9 [279x229]	1/11x9 [279.4x228.6]	1/11x9 [279.4x228.6]
Drive Type/No. Speeds	Direct/2	Direct/2	Direct/2	Direct/2
No. Motors	1	1	1	1
Motor HP	3/4	3/4	1	1
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter—Type				
Furnished	Field Supplied	Field Supplied	Field Supplied	Field Supplied
	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]				
	120 [3402]	120 [3402]	193 [5472]	193 [5472]
Weights				
Net Weight lbs. [kg]	429 [195]	429 [195]	481 [218]	481 [218]
Ship Weight lbs. [kg]	455 [206]	455 [206]	507 [230]	507 [230]

See Page 15 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7-17.6 kW]

Model RQRM- Series	A024JK	A030JK	A036JK	A042JK
Cooling Performance¹				CONTINUED 
Gross Cooling Capacity Btu [kW]	24,400 [7.15]	29,600 [8.67]	35,000 [10.25]	43,000 [12.6]
EER/SEER ²	13/16	13/16	13/16	13/16
Nominal CFM/AHRI Rated CFM [L/s]	800/900 [378/425]	1000/1000 [472/472]	1200/1200 [566/566]	1400/1425 [661/672]
AHRI Net Cooling Capacity Btu [kW]	24,000 [7.03]	29,200 [8.56]	34,400 [10.08]	42,000 [12.31]
Net Sensible Capacity Btu [kW]	20,000 [5.86]	23,050 [6.75]	27,000 [7.91]	32,200 [9.43]
Net Latent Capacity Btu [kW]	4,000 [1.17]	6,150 [1.8]	7,400 [2.17]	9,800 [2.87]
Net System Power kW	1.85	2.13	2.58	3.14
Heating Performance (Heat Pumps)³				
Heating Input Btu [kW] Rating	23,800 [6.97]	28,800 [8.44]	33,200 [9.73]	39,500 [11.57]
System Power KW/COP	1.79/3.9	2.11/4	2.63/3.7	2.89/4
Low Temp. Btuh [kW] Rating	11,700 [3.43]	16,000 [4.69]	18,600 [5.45]	22,400 [6.56]
System Power KW/COP	1.65/2.08	1.95/2.4	2.37/2.3	2.74/2.4
HSPF (Btu/Watts-hr)	8	8	8	8.5
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)⁴	76	76	76	76
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
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]	12.12 [1.13]	16.54 [1.54]	16.54 [1.54]	15.85 [1.47]
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]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Face Area sq. ft. [sq. m]	4.33 [0.4]	5.78 [0.54]	5.78 [0.54]	5.78 [0.54]
Rows / FPI [FPcm]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]	4 / 13 [5]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1/1 [25.4]	1/1 [25.4]	1/1 [25.4]	1/1 [25.4]
Outdoor Fan—Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3200 [1510]	3200 [1510]	3200 [1510]	4200 [1982]
No. Motors/HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	825	825	825	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]	1/11x9 [279x229]
Drive Type/No. Speeds	Direct/2	Direct/2	Direct/2	Direct/2
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	3/4
Motor RPM	1050	1050	1050	1050
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]	176 [4990]	203 [5755]	194 [5500]	206 [5840]
Weights				
Net Weight lbs. [kg]	385 [175]	429 [195]	429 [195]	479 [217]
Ship Weight lbs. [kg]	409 [186]	455 [206]	455 [206]	505 [229]

See Page 15 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7-17.6 kW]

Model RQRM- Series	A048JK
Cooling Performance¹	
Gross Cooling Capacity Btu [kW]	46,500 [13.62]
EER/SEER ²	13/16
Nominal CFM/AHRI Rated CFM [L/s]	1600/1525 [755/720]
AHRI Net Cooling Capacity Btu [kW]	45,500 [13.33]
Net Sensible Capacity Btu [kW]	34,700 [10.17]
Net Latent Capacity Btu [kW]	10,800 [3.16]
Net System Power kW	3.45
Heating Performance (Heat Pumps)³	
Heating Input Btu [kW] Rating	43,500 [12.75]
System Power KW/COP	3.19/4
Low Temp. Btuh [kW] Rating	23,800 [6.97]
System Power KW/COP	2.79/2.5
HSPF (Btu/Watts-hr)	8.5
Compressor	
No./Type	1/Scroll
Outdoor Sound Rating (dB)⁴	
	78
Outdoor Coil—Fin Type	
Tube Type	Louvered
Tube Size in. [mm] OD	Rifled
Face Area sq. ft. [sq. m]	0.375 [9.5]
Rows / FPI [FPcm]	16.54 [1.54]
Refrigerant Control	2 / 18 [7]
	TX Valves
Indoor Coil—Fin Type	
Tube Type	Louvered
Tube Size in. [mm]	Rifled
Face Area sq. ft. [sq. m]	0.375 [9.5]
Rows / FPI [FPcm]	5.78 [0.54]
Refrigerant Control	4 / 13 [5]
	TX Valves
Drain Connection No./Size in. [mm]	1/1 [25.4]
Outdoor Fan—Type	
	Propeller
No. Used/Diameter in. [mm]	1/24 [609.6]
Drive Type/No. Speeds	Direct/1
CFM [L/s]	4200 [1982]
No. Motors/HP	1 at 1/3 HP
Motor RPM	1075
Indoor Fan—Type	
	FC Centrifugal
No. Used/Diameter in. [mm]	1/11x9 [279x229]
Drive Type/No. Speeds	Direct/2
No. Motors	1
Motor HP	3/4
Motor RPM	1050
Motor Frame Size	48
Filter—Type	
	Field Supplied
Furnished	No
(No.) Size Recommended in. [mm]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	
	216 [6124]
Weights	
Net Weight lbs. [kg]	469 [213]
Ship Weight lbs. [kg]	495 [225]

See Page 15 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-5 TONS [7-17.6 kW]

Model RQRM- Series	A060JK
Cooling Performance¹	
Gross Cooling Capacity (2nd Stage) Btu [kW]	57,500 [16.85]
SEER ²	15
EER (1st stage / 2nd stage)	12.6/12.0
AHRI Rated CFM (1st / 2nd stage) [L/s]	1400 [660] / 1700 [802]
AHRI Net Cooling Capacity (1st / 2nd stage) Btu [kW]	40,900 [11.98] / 56,000 [16.41]
Net Sensible Capacity (1st / 2nd stage) Btu [kW]	32,850 [9.62] / 41,450 [12.14]
Net Latent Capacity (1st / 2nd stage) Btu [kW]	8,050 [2.35] / 14,550 [4.26]
Net System Power (1st / 2nd stage) [kW]	3.24 / 4.63
Heating Performance (Heat Pumps)³	
High Temp. (1st stage / 2nd stage) Btuh [kW] Rating	38,000 [11.13] / 54,800 [16.06]
System Power (1st stage / 2nd stage) COP	3.68/3.82
System Power (1st stage / 2nd stage) KW	3.04/4.2
Low Temp. (1st stage / 2nd stage) Btuh [kW] Rating	20,800 [6.09] / 31,600 [9.26]
System Power (1st stage / 2nd stage) COP	2.15/2.54
System Power (1st stage / 2nd stage) KW	2.86/3.65
HSPF (Btu/Watts-hr)	8.5
Compressor	
No./Type	1/Scroll
Outdoor Sound Rating (dB)⁴	
78	
Outdoor Coil—Fin Type	
Tube Type	Louvered
Tube Size in. [mm] OD	Rifled
Face Area sq. ft. [sq. m]	0.375 [9.5]
Rows / FPI [FPcm]	16.54 [1.54]
Refrigerant Control	2 / 18 [7]
	TX Valves
Indoor Coil—Fin Type	
Tube Type	Louvered
Tube Size in. [mm]	Rifled
Face Area sq. ft. [sq. m]	0.375 [9.5]
Rows / FPI [FPcm]	5.78 [0.54]
Refrigerant Control	4 / 13 [5]
	TX Valves
Drain Connection No./Size in. [mm]	1/1 [25.4]
Outdoor Fan—Type	
No. Used/Diameter in. [mm]	Propeller
Drive Type/No. Speeds	1/24 [609.6]
CFM [L/s]	Direct/1
No. Motors/HP	4200 [1982]
Motor RPM	1 at 1/3 HP
	1075
Indoor Fan—Type	
No. Used/Diameter in. [mm]	FC Centrifugal
Drive Type/No. Speeds	1/11x9 [279x229]
No. Motors	Direct/2
Motor HP	1
Motor RPM	1
Motor Frame Size	1050
	48
Filter—Type	
Furnished	Field Supplied
(NO.) Size Recommended in. [mm x mm x mm]	No
	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	
202 [5727]	
Weights	
Net Weight lbs. [kg]	482 [219]
Ship Weight lbs. [kg]	508 [230]

See Page 15 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. AHRI 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 AHRI Standard 210/240 or 360.
2. EER and/or SEER are rated at AHRI conditions and in accordance with DOE test procedures.
3. Heating Performance is rated at 47° F ambient, 70° F entering dry bulb for High Temp rating and 17° ambient, 70° F entering dry bulb for Low Temp rating. Performance ratings do include the effect of fan motor heat.
4. Outdoor Sound Rating shown is tested in accordance with AHRI Standard 270.



GROSS SYSTEMS COOLING PERFORMANCE DATA—RQPM-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]			960 [453]	800 [378]	640 [302]	960 [453]	800 [378]	640 [302]	960 [453]	800 [378]	640 [302]
DR ①			.04	.07	.10	.04	.07	.10	.04	.07	.10
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	30.4 [8.9] 18.5 [5.4] 1.5	29.3 [8.6] 15.8 [4.6] 1.5	28.3 [8.3] 13.4 [3.9] 1.5	28.5 [8.4] 22.9 [6.7] 1.5	27.5 [8.1] 19.9 [5.8] 1.5	26.5 [7.8] 17.1 [5.0] 1.5	27.0 [7.9] 25.6 [7.5] 1.5	26.0 [7.6] 22.4 [6.6] 1.5	25.1 [7.4] 19.5 [5.7] 1.5
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	29.5 [8.6] 18.3 [5.4] 1.6	28.5 [8.4] 15.7 [4.6] 1.6	27.4 [8.0] 13.2 [3.9] 1.5	27.6 [8.1] 22.6 [6.6] 1.6	26.6 [7.8] 19.7 [5.8] 1.6	25.7 [7.5] 17.0 [5.0] 1.5	26.1 [7.6] 25.4 [7.5] 1.6	25.2 [7.4] 22.3 [6.5] 1.6	24.3 [7.1] 19.4 [5.7] 1.5
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	28.6 [8.4] 18.0 [5.3] 1.7	27.6 [8.1] 15.5 [4.6] 1.7	26.6 [7.8] 13.1 [3.8] 1.6	26.7 [7.8] 22.3 [6.5] 1.7	25.8 [7.6] 19.5 [5.7] 1.7	24.9 [7.3] 16.9 [5.0] 1.6	25.2 [7.4] 25.1 [7.4] 1.7	24.3 [7.1] 22.1 [6.5] 1.7	23.4 [6.9] 19.2 [5.6] 1.6
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	27.7 [8.1] 17.6 [5.2] 1.8	26.7 [7.8] 15.1 [4.4] 1.7	25.8 [7.6] 12.9 [3.8] 1.7	25.8 [7.6] 22.0 [6.5] 1.8	24.9 [7.3] 19.2 [5.6] 1.8	24.0 [7.0] 16.6 [4.9] 1.7	24.3 [7.1] 24.3 [7.1] 1.8	23.4 [6.9] 21.7 [6.4] 1.8	22.6 [6.6] 18.9 [5.5] 1.7
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	26.8 [7.9] 17.2 [5.1] 1.9	25.8 [7.6] 14.7 [4.3] 1.8	24.9 [7.3] 12.5 [3.7] 1.8	24.9 [7.3] 21.5 [6.3] 1.9	24.0 [7.0] 18.8 [5.5] 1.8	23.1 [6.8] 16.2 [4.8] 1.8	23.4 [6.9] 23.4 [6.9] 1.9	22.5 [6.6] 21.4 [6.3] 1.9	21.7 [6.4] 18.7 [5.5] 1.8
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	25.8 [7.6] 16.6 [4.9] 2.0	24.9 [7.3] 14.3 [4.2] 1.9	24.0 [7.0] 12.1 [3.6] 1.9	23.9 [7.0] 20.9 [6.1] 2.0	23.1 [6.8] 18.3 [5.4] 2.0	22.2 [6.5] 15.8 [4.6] 1.9	22.4 [6.6] 22.4 [6.6] 2.0	21.6 [6.3] 20.9 [6.1] 2.0	20.8 [6.1] 18.2 [5.3] 1.9
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	24.8 [7.3] 16.0 [4.7] 2.1	24.0 [7.0] 13.8 [4.1] 2.1	23.1 [6.8] 11.7 [3.4] 2.0	22.9 [6.7] 20.2 [5.9] 2.1	22.1 [6.5] 17.7 [5.2] 2.1	21.3 [6.2] 15.3 [4.5] 2.0	21.4 [6.3] 21.4 [6.3] 2.1	20.7 [6.1] 20.4 [6.0] 2.1	19.9 [5.8] 17.8 [5.2] 2.0
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	23.8 [7.0] 15.2 [4.5] 2.2	23.0 [6.7] 13.1 [3.8] 2.2	22.2 [6.5] 11.2 [3.3] 2.1	21.9 [6.4] 19.5 [5.7] 2.2	21.2 [6.2] 17.1 [5.0] 2.2	20.4 [6.0] 14.8 [4.3] 2.1	20.4 [6.0] 20.4 [6.0] 2.2	19.7 [5.8] 19.7 [5.8] 2.2	19.0 [5.6] 17.2 [5.1] 2.1
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	22.8 [6.7] 14.3 [4.2] 2.3	22.0 [6.4] 12.3 [3.6] 2.3	21.2 [6.2] 10.4 [3.1] 2.2	20.9 [6.1] 18.7 [5.5] 2.3	20.2 [5.9] 16.4 [4.8] 2.3	19.4 [5.7] 14.1 [4.1] 2.3	19.4 [5.7] 19.4 [5.7] 2.3	18.7 [5.5] 18.7 [5.5] 2.3	18.0 [5.3] 16.5 [4.8] 2.3

GROSS SYSTEMS COOLING PERFORMANCE DATA—RQPM-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]			1200 [566]	1000 [472]	800 [378]	1200 [566]	1000 [472]	800 [378]	1200 [566]	1000 [472]	800 [378]
DR ①			.04	.06	.01	.04	.06	.01	.04	.06	.01
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	37.9 [11.1] 24.5 [7.2] 1.9	36.6 [10.7] 21.1 [6.2] 1.9	35.3 [10.3] 18.0 [5.3] 1.8	34.9 [10.2] 28.9 [8.5] 1.9	33.7 [9.9] 25.2 [7.4] 1.9	32.4 [9.5] 21.7 [6.4] 1.8	33.0 [9.7] 31.9 [9.4] 1.9	31.9 [9.3] 28.1 [8.2] 1.9	30.7 [9.0] 24.4 [7.2] 1.8
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	36.9 [10.8] 24.1 [7.1] 2.0	35.6 [10.4] 20.7 [6.1] 2.0	34.3 [10.1] 17.6 [5.2] 1.9	33.9 [9.9] 28.4 [8.3] 2.0	32.7 [9.6] 24.8 [7.3] 2.0	31.5 [9.2] 21.4 [6.3] 1.9	32.0 [9.4] 31.6 [9.3] 2.0	30.9 [9.1] 27.8 [8.2] 2.0	29.8 [8.7] 24.2 [7.1] 1.9
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	35.9 [10.5] 23.7 [7.0] 2.1	34.6 [10.1] 20.4 [6.0] 2.0	33.4 [9.8] 17.4 [5.1] 2.0	32.8 [9.6] 28.0 [8.2] 2.1	31.7 [9.3] 24.5 [7.2] 2.1	30.5 [8.9] 21.1 [6.2] 2.0	31.0 [9.1] 31.0 [9.1] 2.1	29.9 [8.8] 27.4 [8.0] 2.1	28.8 [8.4] 23.8 [7.0] 2.0
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	34.8 [10.2] 23.2 [6.8] 2.2	33.5 [9.8] 19.9 [5.8] 2.2	32.3 [9.5] 17.0 [5.0] 2.1	31.7 [9.3] 27.4 [8.0] 2.2	30.6 [9.0] 24.0 [7.0] 2.2	29.5 [8.6] 20.8 [6.1] 2.1	29.8 [8.7] 29.8 [8.7] 2.2	28.8 [8.4] 26.9 [7.9] 2.2	27.7 [8.1] 23.4 [6.9] 2.1
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	33.6 [9.8] 22.5 [6.6] 2.3	32.4 [9.5] 19.4 [5.7] 2.3	31.2 [9.1] 16.5 [4.8] 2.2	30.5 [8.9] 26.8 [7.9] 2.3	29.5 [8.6] 23.5 [6.9] 2.3	28.4 [8.3] 20.3 [6.0] 2.2	28.7 [8.4] 28.7 [8.4] 2.3	27.7 [8.1] 26.4 [7.7] 2.3	26.7 [7.8] 23.0 [6.8] 2.2
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	32.4 [9.5] 21.9 [6.4] 2.4	31.3 [9.2] 18.9 [5.5] 2.4	30.1 [8.8] 16.0 [4.7] 2.3	29.3 [8.6] 26.1 [7.7] 2.4	28.3 [8.3] 22.9 [6.7] 2.4	27.3 [8.0] 19.9 [5.8] 2.3	27.5 [8.1] 27.5 [8.1] 2.4	26.5 [7.8] 25.9 [7.6] 2.4	25.5 [7.5] 22.6 [6.6] 2.3
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	31.1 [9.1] 21.1 [6.2] 2.6	30.0 [8.8] 18.2 [5.3] 2.5	28.9 [8.5] 15.5 [4.6] 2.5	28.1 [8.2] 25.5 [7.5] 2.6	27.1 [7.9] 22.3 [6.5] 2.5	26.1 [7.6] 19.3 [5.7] 2.5	26.2 [7.7] 26.2 [7.7] 2.6	25.3 [7.4] 25.2 [7.4] 2.5	24.4 [7.2] 22.0 [6.5] 2.5
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	29.8 [8.7] 20.3 [6.0] 2.7	28.8 [8.4] 17.6 [5.2] 2.6	27.7 [8.1] 15.0 [4.4] 2.6	26.8 [7.9] 24.7 [7.2] 2.7	25.8 [7.6] 21.6 [6.3] 2.6	24.9 [7.3] 18.8 [5.5] 2.6	24.9 [7.3] 24.9 [7.3] 2.7	24.0 [7.0] 24.0 [7.0] 2.6	23.2 [6.8] 21.5 [6.3] 2.6
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	28.5 [8.4] 19.6 [5.8] 2.8	27.5 [8.1] 16.9 [5.0] 2.8	26.5 [7.8] 14.4 [4.2] 2.7	25.4 [7.4] 23.8 [7.0] 2.8	24.5 [7.2] 20.9 [6.1] 2.8	23.6 [6.9] 18.1 [5.3] 2.7	23.6 [6.9] 23.6 [6.9] 2.8	22.7 [6.7] 22.7 [6.7] 2.8	21.9 [6.4] 20.9 [6.1] 2.7

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 COOLING PERFORMANCE DATA—RQPM-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]			1440 [680]	1200 [566]	960 [453]	1440 [680]	1200 [566]	960 [453]	1440 [680]	1200 [566]	960 [453]
DR ①			.04	.07	.10	.04	.07	.10	.04	.07	.10
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	45.3 [13.3]	43.7 [12.8]	42.1 [12.3]	42.5 [12.5]	41.0 [12.0]	39.5 [11.6]	39.7 [11.6]	38.3 [11.2]	36.9 [10.8]
		Sens BTUH [kW]	28.5 [8.4]	24.5 [7.2]	20.8 [6.1]	34.4 [10.1]	30.0 [8.8]	25.8 [7.6]	37.7 [11.1]	33.1 [9.7]	28.7 [8.4]
		Power	2.4	2.4	2.3	2.4	2.3	2.3	2.4	2.3	2.3
	80 [26.7]	Total BTUH [kW]	44.1 [12.9]	42.5 [12.5]	41.0 [12.0]	41.3 [12.1]	39.9 [11.7]	38.4 [11.3]	38.4 [11.3]	37.1 [10.9]	35.7 [10.5]
		Sens BTUH [kW]	28.1 [8.2]	24.1 [7.1]	20.5 [6.0]	34.1 [10.0]	29.8 [8.7]	25.7 [7.5]	37.3 [10.9]	32.8 [9.6]	28.5 [8.4]
		Power	2.5	2.5	2.4	2.5	2.5	2.4	2.5	2.4	2.4
	85 [29.4]	Total BTUH [kW]	42.8 [12.5]	41.3 [12.1]	39.8 [11.7]	40.0 [11.7]	38.6 [11.3]	37.2 [10.9]	37.2 [10.9]	35.9 [10.5]	34.6 [10.1]
		Sens BTUH [kW]	27.6 [8.1]	23.7 [7.0]	20.1 [5.9]	33.6 [9.9]	29.3 [8.6]	25.3 [7.4]	36.8 [10.8]	32.4 [9.5]	28.2 [8.3]
		Power	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.5
	90 [32.2]	Total BTUH [kW]	41.5 [12.2]	40.0 [11.7]	38.6 [11.3]	38.7 [11.3]	37.4 [11.0]	36.0 [10.6]	35.8 [10.5]	34.6 [10.1]	33.3 [9.8]
		Sens BTUH [kW]	27.0 [7.9]	23.2 [6.8]	19.8 [5.8]	33.0 [9.7]	28.9 [8.5]	24.9 [7.3]	35.8 [10.5]	31.8 [9.3]	27.7 [8.1]
		Power	2.8	2.7	2.7	2.8	2.7	2.7	2.8	2.7	2.7
95 [35]	Total BTUH [kW]	40.1 [11.8]	38.7 [11.3]	37.3 [10.9]	37.3 [10.9]	36.0 [10.6]	34.7 [10.2]	34.5 [10.1]	33.3 [9.8]	32.1 [9.4]	
	Sens BTUH [kW]	26.2 [7.7]	22.6 [6.6]	19.2 [5.6]	32.3 [9.5]	28.2 [8.3]	24.4 [7.2]	34.5 [10.1]	31.3 [9.2]	27.3 [8.0]	
	Power	2.9	2.9	2.8	2.9	2.9	2.8	2.9	2.8	2.8	
100 [37.8]	Total BTUH [kW]	38.7 [11.3]	37.4 [11.0]	36.0 [10.6]	35.9 [10.5]	34.7 [10.2]	33.4 [9.8]	33.1 [9.7]	31.9 [9.3]	30.7 [9.0]	
	Sens BTUH [kW]	25.5 [7.5]	22.0 [6.5]	18.7 [5.5]	31.5 [9.2]	27.6 [8.1]	23.8 [7.0]	33.1 [9.7]	30.6 [9.0]	26.7 [7.8]	
	Power	3.1	3.0	3.0	3.1	3.0	3.0	3.1	3.0	2.9	
105 [40.6]	Total BTUH [kW]	37.2 [10.9]	35.9 [10.5]	34.6 [10.1]	34.5 [10.1]	33.2 [9.7]	32.0 [9.4]	31.6 [9.3]	30.5 [8.9]	29.4 [8.6]	
	Sens BTUH [kW]	24.6 [7.2]	21.2 [6.2]	18.0 [5.3]	30.6 [9.0]	26.7 [7.8]	23.1 [6.8]	31.6 [9.3]	29.8 [8.7]	26.0 [7.6]	
	Power	3.3	3.2	3.1	3.2	3.2	3.1	3.2	3.2	3.1	
110 [43.3]	Total BTUH [kW]	35.7 [10.5]	34.5 [10.1]	33.2 [9.7]	32.9 [9.6]	31.8 [9.3]	30.6 [9.0]	30.1 [8.8]	29.0 [8.5]	28.0 [8.2]	
	Sens BTUH [kW]	23.5 [6.9]	20.3 [6.0]	17.2 [5.1]	29.5 [8.7]	25.9 [7.6]	22.4 [6.6]	30.1 [8.8]	28.9 [8.5]	25.3 [7.4]	
	Power	3.4	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.3	
115 [46.1]	Total BTUH [kW]	34.2 [10.0]	33.0 [9.7]	31.8 [9.3]	31.4 [9.2]	30.3 [8.9]	29.2 [8.6]	28.5 [8.4]	27.5 [8.1]	26.5 [7.8]	
	Sens BTUH [kW]	22.5 [6.6]	19.4 [5.7]	16.5 [4.8]	28.5 [8.4]	25.0 [7.3]	21.7 [6.4]	28.5 [8.4]	27.5 [8.1]	24.4 [7.2]	
	Power	3.6	3.5	3.5	3.6	3.5	3.5	3.6	3.5	3.4	

GROSS SYSTEMS COOLING PERFORMANCE DATA—RQPM-A037

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]			1440 [680]	1250 [590]	960 [453]	1440 [680]	1250 [590]	960 [453]	1440 [680]	1250 [590]	960 [453]
DR ①			.10	.12	.16	.10	.12	.16	.10	.12	.16
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	45.0 [13.2]	43.8 [12.8]	42.0 [12.3]	42.9 [12.6]	41.7 [12.2]	40.0 [11.7]	41.0 [12.0]	39.9 [11.7]	38.2 [11.2]
		Sens BTUH [kW]	28.8 [8.5]	25.7 [7.5]	21.3 [6.3]	33.9 [9.9]	30.5 [8.9]	25.7 [7.5]	37.6 [11.0]	34.0 [10.0]	28.8 [8.5]
		Power	2.2	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.1
	80 [26.7]	Total BTUH [kW]	43.7 [12.8]	42.5 [12.5]	40.7 [11.9]	41.6 [12.2]	40.5 [11.9]	38.8 [11.4]	39.7 [11.6]	38.6 [11.3]	37.0 [10.8]
		Sens BTUH [kW]	28.2 [8.3]	25.1 [7.4]	20.8 [6.1]	33.2 [9.7]	29.9 [8.8]	25.1 [7.4]	36.9 [10.8]	33.4 [9.8]	28.4 [8.3]
		Power	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2
	85 [29.4]	Total BTUH [kW]	42.3 [12.4]	41.2 [12.1]	39.4 [11.5]	40.2 [11.8]	39.1 [11.5]	37.4 [11.0]	38.3 [11.2]	37.2 [10.9]	35.7 [10.5]
		Sens BTUH [kW]	27.4 [8.0]	24.5 [7.2]	20.2 [5.9]	32.6 [9.6]	29.3 [8.6]	24.6 [7.2]	36.3 [10.6]	32.8 [9.6]	27.9 [8.2]
		Power	2.5	2.5	2.4	2.5	2.4	2.4	2.4	2.4	2.4
	90 [32.2]	Total BTUH [kW]	40.8 [12.0]	39.7 [11.6]	38.0 [11.1]	38.7 [11.3]	37.6 [11.0]	36.0 [10.6]	36.8 [10.8]	35.8 [10.5]	34.3 [10.1]
Sens BTUH [kW]		26.7 [7.8]	23.8 [7.0]	19.7 [5.8]	31.8 [9.3]	28.6 [8.4]	24.1 [7.1]	35.6 [10.4]	32.2 [9.4]	27.4 [8.0]	
Power		2.6	2.6	2.5	2.6	2.6	2.5	2.6	2.6	2.5	
95 [35]	Total BTUH [kW]	39.2 [11.5]	38.2 [11.2]	36.5 [10.7]	37.1 [10.9]	36.1 [10.6]	34.6 [10.1]	35.2 [10.3]	34.2 [10.0]	32.8 [9.6]	
	Sens BTUH [kW]	25.9 [7.6]	23.2 [6.8]	19.2 [5.6]	31.0 [9.1]	27.9 [8.2]	23.5 [6.9]	34.7 [10.2]	31.4 [9.2]	26.8 [7.9]	
	Power	2.8	2.8	2.7	2.8	2.7	2.7	2.7	2.7	2.7	
100 [37.8]	Total BTUH [kW]	37.5 [11.0]	36.5 [10.7]	35.0 [10.3]	35.4 [10.4]	34.4 [10.1]	33.0 [9.7]	33.5 [9.8]	32.6 [9.6]	31.2 [9.1]	
	Sens BTUH [kW]	25.1 [7.4]	22.4 [6.6]	18.6 [5.5]	30.2 [8.9]	27.2 [8.0]	23.0 [6.8]	33.5 [9.8]	30.7 [9.0]	26.1 [7.7]	
	Power	3.0	2.9	2.9	2.9	2.9	2.8	2.9	2.9	2.8	
105 [40.6]	Total BTUH [kW]	35.7 [10.5]	34.8 [10.2]	33.3 [9.8]	33.6 [9.8]	32.7 [9.6]	31.3 [9.2]	31.7 [9.3]	30.8 [9.0]	29.5 [8.6]	
	Sens BTUH [kW]	24.2 [7.1]	21.7 [6.4]	18.0 [5.3]	29.2 [8.6]	26.4 [7.7]	22.3 [6.5]	31.7 [9.3]	29.9 [8.8]	25.5 [7.5]	
	Power	3.1	3.1	3.0	3.1	3.1	3.0	3.1	3.0	3.0	
110 [43.3]	Total BTUH [kW]	33.9 [9.9]	33.0 [9.7]	31.6 [9.3]	31.8 [9.3]	30.9 [9.1]	29.6 [8.7]	29.8 [8.7]	29.0 [8.5]	27.8 [8.1]	
	Sens BTUH [kW]	23.3 [6.8]	20.9 [6.1]	17.4 [5.1]	28.5 [8.4]	25.7 [7.5]	21.8 [6.4]	29.8 [8.7]	29.0 [8.5]	24.9 [7.3]	
	Power	3.3	3.3	3.2	3.3	3.2	3.2	3.3	3.2	3.2	
115 [46.1]	Total BTUH [kW]	31.9 [9.3]	31.1 [9.1]	29.7 [8.7]	29.8 [8.7]	29.0 [8.5]	27.8 [8.1]	27.9 [8.2]	27.1 [7.9]	26.0 [7.6]	
	Sens BTUH [kW]	22.4 [6.6]	20.1 [5.9]	16.7 [4.9]	27.4 [8.0]	24.8 [7.3]	21.0 [6.2]	27.9 [8.2]	27.1 [8.0]	24.3 [7.1]	
	Power	3.5	3.5	3.4	3.5	3.4	3.4	3.5	3.4	3.3	

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





GROSS SYSTEMS COOLING PERFORMANCE DATA—RQPM-042

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE			71°F [21.7°C]			67°F [19.4°C] ①			63°F [17.2°C]		
CFM [L/s]			1740 [821]	1450 [684]	1160 [547]	1740 [821]	1450 [684]	1160 [547]	1740 [821]	1450 [684]	1160 [547]
DR ①			.11	.15	.19	.11	.15	.19	.11	.15	.19
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	52.6 [15.4]	50.7 [14.9]	48.9 [14.3]	50.5 [14.8]	48.7 [14.3]	47.0 [13.8]	47.1 [13.8]	45.5 [13.3]	43.8 [12.8]
		Sens BTUH [kW]	31.8 [9.3]	27.2 [8.0]	23.0 [6.8]	39.3 [11.5]	34.1 [10.0]	29.4 [8.6]	42.9 [12.6]	37.6 [11.0]	32.5 [9.5]
		Power	2.8	2.7	2.7	2.8	2.7	2.7	2.7	2.7	2.6
	80 [26.7]	Total BTUH [kW]	51.4 [15.1]	49.6 [14.5]	47.8 [14.0]	49.4 [14.5]	47.6 [14.0]	45.9 [13.5]	46.0 [13.5]	44.4 [13.0]	42.8 [12.5]
		Sens BTUH [kW]	31.5 [9.2]	27.0 [7.9]	22.8 [6.7]	39.0 [11.4]	33.9 [9.9]	29.2 [8.6]	42.7 [12.5]	37.5 [11.0]	32.5 [9.5]
		Power	2.9	2.9	2.8	2.9	2.9	2.8	2.9	2.8	2.8
	85 [29.4]	Total BTUH [kW]	50.2 [14.7]	48.4 [14.2]	46.7 [13.7]	48.1 [14.1]	46.5 [13.6]	44.8 [13.1]	44.8 [13.1]	43.2 [12.7]	41.6 [12.2]
		Sens BTUH [kW]	31.1 [9.1]	26.6 [7.8]	22.6 [6.6]	38.6 [11.3]	33.7 [9.9]	29.0 [8.5]	42.3 [12.4]	37.1 [10.9]	32.2 [9.4]
		Power	3.1	3.0	3.0	3.1	3.0	3.0	3.1	3.0	3.0
	90 [32.2]	Total BTUH [kW]	48.9 [14.3]	47.2 [13.8]	45.5 [13.3]	46.8 [13.7]	45.2 [13.2]	43.5 [12.7]	43.5 [12.7]	41.9 [12.3]	40.4 [11.8]
		Sens BTUH [kW]	30.6 [9.0]	26.3 [7.7]	22.3 [6.5]	38.0 [11.1]	33.2 [9.7]	28.6 [8.4]	41.8 [12.3]	36.6 [10.7]	31.8 [9.3]
		Power	3.3	3.2	3.2	3.3	3.2	3.1	3.2	3.2	3.1
95 [35]	Total BTUH [kW]	47.5 [13.9]	45.8 [13.4]	44.1 [12.9]	45.4 [13.3]	43.8 [12.8]	42.2 [12.4]	42.1 [12.3]	40.6 [11.9]	39.1 [11.5]	
	Sens BTUH [kW]	29.8 [8.7]	25.6 [7.5]	21.7 [6.4]	37.4 [11.0]	32.6 [9.6]	28.1 [8.2]	41.1 [12.1]	36.1 [10.6]	31.4 [9.2]	
	Power	3.5	3.4	3.3	3.4	3.4	3.3	3.4	3.4	3.3	
100 [37.8]	Total BTUH [kW]	46.0 [13.5]	44.4 [13.0]	42.7 [12.5]	43.9 [12.9]	42.4 [12.4]	40.8 [12.0]	40.6 [11.9]	39.1 [11.5]	37.7 [11.0]	
	Sens BTUH [kW]	29.1 [8.5]	25.0 [7.3]	21.1 [6.2]	36.5 [10.7]	31.9 [9.4]	27.5 [8.1]	40.3 [11.8]	35.4 [10.4]	30.8 [9.0]	
	Power	3.7	3.6	3.5	3.6	3.6	3.5	3.6	3.6	3.5	
105 [40.6]	Total BTUH [kW]	44.4 [13.0]	42.8 [12.5]	41.3 [12.1]	42.3 [12.4]	40.8 [12.0]	39.3 [11.5]	38.9 [11.4]	37.6 [11.0]	36.2 [10.6]	
	Sens BTUH [kW]	28.1 [8.2]	24.1 [7.1]	20.5 [6.0]	35.5 [10.4]	31.0 [9.1]	26.7 [7.8]	38.9 [11.4]	34.6 [10.2]	30.1 [8.8]	
	Power	3.9	3.8	3.7	3.9	3.8	3.7	3.8	3.8	3.7	
110 [43.3]	Total BTUH [kW]	42.7 [12.5]	41.2 [12.1]	39.7 [11.6]	40.6 [11.9]	39.2 [11.5]	37.8 [11.1]	37.3 [10.9]	35.9 [10.5]	34.6 [10.1]	
	Sens BTUH [kW]	26.9 [7.9]	23.1 [6.8]	19.6 [5.8]	34.4 [10.1]	30.1 [8.8]	26.0 [7.6]	37.3 [10.9]	33.5 [9.8]	29.2 [8.6]	
	Power	4.1	4.0	4.0	4.1	4.0	3.9	4.1	4.0	3.9	
115 [46.1]	Total BTUH [kW]	40.9 [12.0]	39.4 [11.5]	38.0 [11.1]	38.8 [11.4]	37.5 [11.0]	36.1 [10.6]	35.5 [10.4]	34.2 [10.0]	33.0 [9.7]	
	Sens BTUH [kW]	25.7 [7.5]	22.0 [6.5]	18.7 [5.5]	33.1 [9.7]	29.0 [8.5]	25.0 [7.3]	35.5 [10.4]	32.4 [9.5]	28.3 [8.3]	
	Power	4.3	4.3	4.2	4.3	4.2	4.2	4.3	4.2	4.1	

GROSS SYSTEMS COOLING PERFORMANCE DATA—RQPM-A043

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]			1740 [821]	1425 [672]	1160 [547]	1740 [821]	1425 [672]	1160 [547]	1740 [821]	1425 [672]	1160 [547]
DR ①			.05	.09	.12	.05	.09	.12	.05	.09	.12
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	54.5 [16.0]	52.4 [15.4]	50.6 [14.8]	51.3 [15.0]	49.3 [14.4]	47.7 [14.0]	48.5 [14.2]	46.6 [13.7]	45.1 [13.2]
		Sens BTUH [kW]	35.9 [10.5]	30.4 [8.9]	26.1 [7.7]	41.9 [12.3]	36.0 [10.6]	31.4 [9.2]	46.4 [13.6]	40.2 [11.8]	35.3 [10.4]
		Power	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.5
	80 [26.7]	Total BTUH [kW]	52.9 [15.5]	50.8 [14.9]	49.1 [14.4]	49.7 [14.6]	47.8 [14.0]	46.2 [13.5]	46.9 [13.7]	45.1 [13.2]	43.6 [12.8]
		Sens BTUH [kW]	35.0 [10.3]	29.6 [8.7]	25.5 [7.5]	41.1 [12.1]	35.4 [10.4]	30.9 [9.1]	45.6 [13.4]	39.5 [11.6]	34.7 [10.2]
		Power	2.8	2.7	2.7	2.8	2.7	2.7	2.7	2.7	2.6
	85 [29.4]	Total BTUH [kW]	51.3 [15.0]	49.3 [14.4]	47.7 [14.0]	48.2 [14.1]	46.3 [13.6]	44.7 [13.1]	45.4 [13.3]	43.6 [12.8]	42.1 [12.3]
		Sens BTUH [kW]	34.2 [10.0]	29.0 [8.5]	25.0 [7.3]	40.4 [11.9]	34.7 [10.2]	30.2 [8.9]	44.8 [13.1]	38.8 [11.4]	34.1 [10.0]
		Power	2.9	2.9	2.8	2.9	2.9	2.8	2.9	2.8	2.8
	90 [32.2]	Total BTUH [kW]	49.8 [14.6]	47.8 [14.0]	46.2 [13.5]	46.6 [13.7]	44.8 [13.1]	43.3 [12.7]	43.8 [12.8]	42.1 [12.3]	40.7 [11.9]
		Sens BTUH [kW]	33.4 [9.8]	28.3 [8.3]	24.4 [7.2]	39.5 [11.6]	34.0 [10.0]	29.7 [8.7]	43.8 [12.8]	38.2 [11.2]	33.6 [9.9]
		Power	3.1	3.0	3.0	3.1	3.0	3.0	3.1	3.0	3.0
95 [35]	Total BTUH [kW]	48.2 [14.1]	46.3 [13.6]	44.8 [13.1]	45.1 [13.2]	43.3 [12.7]	41.8 [12.3]	42.2 [12.4]	40.6 [11.9]	39.2 [11.5]	
	Sens BTUH [kW]	32.5 [9.5]	27.6 [8.1]	23.8 [7.0]	38.7 [11.4]	33.3 [9.8]	29.0 [8.5]	42.2 [12.4]	37.4 [11.0]	32.9 [9.7]	
	Power	3.3	3.2	3.2	3.3	3.2	3.1	3.2	3.2	3.1	
100 [37.8]	Total BTUH [kW]	46.7 [13.7]	44.9 [13.2]	43.3 [12.7]	43.5 [12.7]	41.8 [12.3]	40.4 [11.8]	40.7 [11.9]	39.1 [11.5]	37.8 [11.1]	
	Sens BTUH [kW]	31.7 [9.3]	26.9 [7.9]	23.1 [6.8]	37.8 [11.1]	32.6 [9.6]	28.5 [8.4]	40.7 [11.9]	36.7 [10.8]	32.3 [9.5]	
	Power	3.5	3.4	3.4	3.5	3.4	3.3	3.4	3.4	3.3	
105 [40.6]	Total BTUH [kW]	45.1 [13.2]	43.4 [12.7]	41.9 [12.3]	42.0 [12.3]	40.3 [11.8]	39.0 [11.4]	39.2 [11.5]	37.6 [11.0]	36.4 [10.7]	
	Sens BTUH [kW]	30.8 [9.0]	26.2 [7.7]	22.6 [6.6]	37.0 [10.9]	31.8 [9.3]	27.9 [8.2]	39.2 [11.5]	36.0 [10.6]	31.8 [9.3]	
	Power	3.7	3.6	3.5	3.7	3.6	3.5	3.6	3.6	3.5	
110 [43.3]	Total BTUH [kW]	43.6 [12.8]	41.9 [12.3]	40.5 [11.9]	40.4 [11.8]	38.9 [11.4]	37.6 [11.0]	37.6 [11.0]	36.2 [10.6]	35.0 [10.3]	
	Sens BTUH [kW]	29.9 [8.8]	25.4 [7.5]	21.9 [6.4]	36.1 [10.6]	31.2 [9.2]	27.3 [8.0]	37.6 [11.0]	35.3 [10.4]	31.1 [9.1]	
	Power	3.9	3.8	3.7	3.9	3.8	3.7	3.8	3.8	3.7	
115 [46.1]	Total BTUH [kW]	42.1 [12.3]	40.4 [11.8]	39.1 [11.5]	38.9 [11.4]	37.4 [11.0]	36.1 [10.6]	36.1 [10.6]	34.7 [10.2]	33.5 [9.8]	
	Sens BTUH [kW]	29.0 [8.5]	24.6 [7.2]	21.3 [6.3]	35.2 [10.3]	30.4 [8.9]	26.6 [7.8]	36.1 [10.6]	34.5 [10.1]	30.4 [8.9]	
	Power	4.1	4.0	4.0	4.1	4.0	3.9	4.1	4.0	3.9	

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 COOLING PERFORMANCE DATA—RQPM-A048

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]			1860 [878]	1550 [732]	1240 [585]	1860 [878]	1550 [732]	1240 [585]	1860 [878]	1550 [732]	1240 [585]
DR ①			.01	.05	.09	.01	.05	.09	.01	.05	.09
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	60.4 [17.7]	58.3 [17.1]	56.1 [16.4]	57.1 [16.7]	55.1 [16.1]	53.1 [15.6]	52.9 [15.5]	51.1 [15.0]	49.2 [14.4]
		Sens BTUH [kW]	38.0 [11.1]	32.7 [9.6]	27.7 [8.1]	45.7 [13.4]	39.8 [11.7]	34.3 [10.1]	49.4 [14.5]	43.4 [12.7]	37.6 [11.0]
		Power	3.1	3.0	3.0	3.1	3.0	3.0	3.1	3.0	3.0
	80 [26.7]	Total BTUH [kW]	58.9 [17.3]	56.8 [16.6]	54.8 [16.1]	55.6 [16.3]	53.7 [15.7]	51.7 [15.2]	51.4 [15.1]	49.6 [14.5]	47.8 [14.0]
		Sens BTUH [kW]	37.6 [11.0]	32.3 [9.5]	27.5 [8.1]	45.4 [13.3]	39.6 [11.6]	34.1 [10.0]	49.0 [14.4]	43.0 [12.6]	37.4 [11.0]
		Power	3.3	3.2	3.2	3.3	3.2	3.1	3.2	3.2	3.1
	85 [29.4]	Total BTUH [kW]	57.3 [16.8]	55.3 [16.2]	53.3 [15.6]	54.1 [15.9]	52.2 [15.3]	50.3 [14.7]	49.9 [14.6]	48.1 [14.1]	46.4 [13.6]
		Sens BTUH [kW]	37.0 [10.9]	31.8 [9.3]	27.0 [7.9]	44.8 [13.1]	39.1 [11.5]	33.7 [9.9]	48.4 [14.2]	42.5 [12.5]	37.0 [10.9]
		Power	3.5	3.4	3.3	3.4	3.4	3.3	3.4	3.4	3.3
	90 [32.2]	Total BTUH [kW]	55.7 [16.3]	53.7 [15.7]	51.8 [15.2]	52.4 [15.4]	50.6 [14.8]	48.7 [14.3]	48.2 [14.1]	46.5 [13.6]	44.8 [13.1]
Sens BTUH [kW]		36.3 [10.6]	31.2 [9.2]	26.6 [7.8]	44.1 [12.9]	38.5 [11.3]	33.2 [9.7]	47.7 [14.0]	41.9 [12.3]	36.4 [10.7]	
Power		3.7	3.6	3.5	3.6	3.6	3.5	3.6	3.6	3.5	
95 [35]	Total BTUH [kW]	54.0 [15.8]	52.1 [15.3]	50.2 [14.7]	50.7 [14.9]	49.0 [14.4]	47.2 [13.8]	46.5 [13.6]	44.9 [13.2]	43.3 [12.7]	
	Sens BTUH [kW]	35.4 [10.4]	30.5 [8.9]	25.9 [7.6]	43.2 [12.7]	37.8 [11.1]	32.6 [9.6]	46.5 [13.6]	41.2 [12.1]	35.9 [10.5]	
	Power	3.9	3.8	3.7	3.9	3.8	3.7	3.8	3.8	3.7	
100 [37.8]	Total BTUH [kW]	52.2 [15.3]	50.4 [14.8]	48.6 [14.2]	49.0 [14.4]	47.3 [13.9]	45.5 [13.3]	44.8 [13.1]	43.2 [12.7]	41.6 [12.2]	
	Sens BTUH [kW]	34.3 [10.1]	29.6 [8.7]	25.2 [7.4]	42.2 [12.4]	36.9 [10.8]	31.8 [9.3]	44.8 [13.1]	40.3 [11.8]	35.1 [10.3]	
	Power	4.1	4.0	3.9	4.1	4.0	3.9	4.1	4.0	3.9	
105 [40.6]	Total BTUH [kW]	50.4 [14.8]	48.7 [14.3]	46.9 [13.7]	47.2 [13.8]	45.5 [13.3]	43.8 [12.8]	43.0 [12.6]	41.5 [12.2]	39.9 [11.7]	
	Sens BTUH [kW]	33.2 [9.7]	28.7 [8.4]	24.4 [7.2]	41.1 [12.1]	35.9 [10.5]	31.0 [9.1]	43.0 [12.6]	39.4 [11.6]	34.3 [10.1]	
	Power	4.3	4.2	4.2	4.3	4.2	4.2	4.3	4.2	4.2	
110 [43.3]	Total BTUH [kW]	48.5 [14.2]	46.8 [13.7]	45.1 [13.2]	45.3 [13.3]	43.7 [12.8]	42.1 [12.3]	41.1 [12.0]	39.6 [11.6]	38.2 [11.2]	
	Sens BTUH [kW]	31.8 [9.3]	27.4 [8.0]	23.3 [6.8]	39.7 [11.6]	34.7 [10.2]	30.0 [8.8]	41.1 [12.1]	38.2 [11.2]	33.4 [9.8]	
	Power	4.6	4.5	4.4	4.6	4.5	4.4	4.5	4.5	4.4	
115 [46.1]	Total BTUH [kW]	46.6 [13.7]	45.0 [13.2]	43.3 [12.7]	43.3 [12.7]	41.8 [12.3]	40.3 [11.8]	39.1 [11.5]	37.7 [11.0]	36.4 [10.7]	
	Sens BTUH [kW]	30.4 [8.9]	26.2 [7.7]	22.2 [6.5]	38.2 [11.2]	33.4 [9.8]	28.9 [8.5]	39.1 [11.5]	36.8 [10.8]	32.2 [9.4]	
	Power	4.8	4.7	4.7	4.8	4.7	4.6	4.8	4.7	4.6	

GROSS SYSTEMS COOLING PERFORMANCE DATA—RQPM-A049

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]			1860 [878]	1525 [720]	1240 [585]	1860 [878]	1525 [720]	1240 [585]	1860 [878]	1525 [720]	1240 [585]
DR ①			.08	.13	.18	.08	.13	.18	.08	.13	.18
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	60.3 [17.7]	58.0 [17.0]	56.0 [16.4]	57.4 [16.8]	55.2 [16.2]	53.3 [15.6]	54.6 [16.0]	52.5 [15.4]	50.7 [14.9]
		Sens BTUH [kW]	37.9 [11.1]	32.1 [9.4]	27.5 [8.1]	44.5 [13.1]	38.2 [11.2]	33.1 [9.7]	50.3 [14.8]	43.5 [12.8]	38.1 [11.2]
		Power	3.1	3.0	3.0	3.0	3.0	2.9	3.0	3.0	2.9
	80 [26.7]	Total BTUH [kW]	59.0 [17.3]	56.7 [16.6]	54.8 [16.1]	56.0 [16.4]	53.9 [15.8]	52.0 [15.2]	53.2 [15.6]	51.2 [15.0]	49.4 [14.5]
		Sens BTUH [kW]	37.4 [11.0]	31.6 [9.3]	27.1 [8.0]	43.9 [12.9]	37.7 [11.1]	32.7 [9.6]	49.6 [14.5]	43.0 [12.6]	37.6 [11.0]
		Power	3.3	3.2	3.1	3.2	3.2	3.1	3.2	3.1	3.1
	85 [29.4]	Total BTUH [kW]	57.4 [16.8]	55.2 [16.2]	53.3 [15.6]	54.5 [16.0]	52.4 [15.4]	50.6 [14.8]	51.7 [15.2]	49.7 [14.6]	48.0 [14.1]
		Sens BTUH [kW]	36.6 [10.7]	31.0 [9.1]	26.6 [7.8]	43.2 [12.7]	37.1 [10.9]	32.2 [9.4]	49.0 [14.4]	42.4 [12.4]	37.2 [10.9]
		Power	3.4	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.3
	90 [32.2]	Total BTUH [kW]	55.7 [16.3]	53.6 [15.7]	51.8 [15.2]	52.8 [15.5]	50.8 [14.9]	49.0 [14.4]	50.0 [14.7]	48.0 [14.1]	46.4 [13.6]
		Sens BTUH [kW]	35.7 [10.5]	30.3 [8.9]	26.0 [7.6]	42.3 [12.4]	36.4 [10.7]	31.6 [9.3]	48.1 [14.1]	41.6 [12.2]	36.5 [10.7]
		Power	3.6	3.6	3.5	3.6	3.5	3.5	3.6	3.5	3.4
95 [35]	Total BTUH [kW]	53.9 [15.8]	51.8 [15.2]	50.0 [14.7]	50.9 [14.9]	49.0 [14.4]	47.3 [13.9]	48.1 [14.1]	46.3 [13.6]	44.7 [13.1]	
	Sens BTUH [kW]	34.9 [10.2]	29.6 [8.7]	25.4 [7.5]	41.5 [12.2]	35.7 [10.5]	31.0 [9.1]	47.2 [13.8]	41.0 [12.0]	36.0 [10.6]	
	Power	3.8	3.8	3.7	3.8	3.7	3.7	3.8	3.7	3.6	
100 [37.8]	Total BTUH [kW]	51.8 [15.2]	49.8 [14.6]	48.1 [14.1]	48.9 [14.3]	47.0 [13.8]	45.4 [13.3]	46.1 [13.5]	44.3 [13.0]	42.8 [12.5]	
	Sens BTUH [kW]	34.0 [10.0]	28.8 [8.5]	24.7 [7.2]	40.6 [11.9]	34.9 [10.2]	30.4 [8.9]	46.1 [13.5]	40.2 [11.8]	35.3 [10.4]	
	Power	4.0	4.0	3.9	4.0	3.9	3.9	4.0	3.9	3.8	
105 [40.6]	Total BTUH [kW]	49.6 [14.5]	47.7 [14.0]	46.1 [13.5]	46.7 [13.7]	44.9 [13.2]	43.4 [12.7]	43.9 [12.9]	42.2 [12.4]	40.8 [12.0]	
	Sens BTUH [kW]	33.0 [9.7]	28.0 [8.2]	24.1 [7.1]	39.6 [11.6]	34.1 [10.0]	29.8 [8.7]	43.9 [12.9]	39.4 [11.6]	34.7 [10.2]	
	Power	4.3	4.2	4.1	4.2	4.2	4.1	4.2	4.1	4.1	
110 [43.3]	Total BTUH [kW]	47.3 [13.9]	45.4 [13.3]	43.9 [12.9]	44.3 [13.0]	42.6 [12.5]	41.2 [12.1]	41.5 [12.2]	39.9 [11.7]	38.6 [11.3]	
	Sens BTUH [kW]	32.0 [9.4]	27.1 [8.0]	23.4 [6.9]	38.4 [11.3]	33.1 [9.7]	28.9 [8.5]	41.5 [12.2]	38.5 [11.3]	34.0 [10.0]	
	Power	4.5	4.4	4.3	4.5	4.4	4.3	4.4	4.3	4.3	
115 [46.1]	Total BTUH [kW]	44.7 [13.1]	43.0 [12.6]	41.6 [12.2]	41.8 [12.3]	40.2 [11.8]	38.8 [11.4]	39.0 [11.4]	37.5 [11.0]	36.2 [10.6]	
	Sens BTUH [kW]	30.7 [9.0]	26.1 [7.7]	22.5 [6.6]	37.3 [10.9]	32.2 [9.4]	28.1 [8.2]	39.0 [11.4]	37.5 [11.0]	33.0 [9.7]	
	Power	4.7	4.6	4.6	4.7	4.6	4.5	4.7	4.6	4.5	

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





GROSS SYSTEMS COOLING PERFORMANCE DATA—RQPM-A060

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]			2280 [1076]	1900 [897]	1520 [717]	2280 [1076]	1900 [897]	1520 [717]	2280 [1076]	1900 [897]	1520 [717]
DR ①			0	.04	.08	0	.04	.08	0	.04	.08
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	78.4 [23.0]	75.7 [22.2]	72.9 [21.4]	72.6 [21.3]	70.1 [20.5]	67.5 [19.8]	69.8 [20.5]	67.4 [19.8]	64.9 [19.0]
		Sens BTUH [kW]	49.9 [14.6]	42.9 [12.6]	36.4 [10.7]	58.6 [17.2]	51.1 [15.0]	44.0 [12.9]	66.5 [19.5]	58.4 [17.1]	50.7 [14.9]
		Power	3.7	3.6	3.6	3.7	3.6	3.5	3.6	3.6	3.5
	80 [26.7]	Total BTUH [kW]	76.0 [22.3]	73.3 [21.5]	70.7 [20.7]	70.2 [20.6]	67.8 [19.9]	65.3 [19.1]	67.4 [19.8]	65.1 [19.1]	62.7 [18.4]
		Sens BTUH [kW]	48.5 [14.2]	41.7 [12.2]	35.5 [10.4]	57.4 [16.8]	50.1 [14.7]	43.2 [12.7]	65.2 [19.1]	57.3 [16.8]	49.8 [14.6]
		Power	3.9	3.8	3.8	3.9	3.8	3.7	3.8	3.8	3.7
	85 [29.4]	Total BTUH [kW]	73.7 [21.6]	71.1 [20.8]	68.5 [20.1]	67.9 [19.9]	65.5 [19.2]	63.1 [18.5]	65.1 [19.1]	62.8 [18.4]	60.5 [17.7]
		Sens BTUH [kW]	47.5 [13.9]	40.8 [12.0]	34.6 [10.2]	56.2 [16.5]	49.0 [14.4]	42.3 [12.4]	64.0 [18.8]	56.2 [16.5]	48.9 [14.3]
		Power	4.1	4.1	4.0	4.1	4.0	4.0	4.1	4.0	3.9
90 [32.2]	Total BTUH [kW]	71.4 [20.9]	68.9 [20.2]	66.4 [19.5]	65.6 [19.2]	63.3 [18.6]	61.0 [17.9]	62.8 [18.4]	60.6 [17.8]	58.4 [17.1]	
	Sens BTUH [kW]	46.1 [13.5]	39.7 [11.6]	33.7 [9.9]	55.0 [16.1]	48.0 [14.1]	41.4 [12.1]	62.8 [18.4]	55.2 [16.2]	48.1 [14.1]	
	Power	4.4	4.3	4.2	4.3	4.3	4.2	4.3	4.2	4.1	
95 [35]	Total BTUH [kW]	69.2 [20.3]	66.8 [19.6]	64.4 [18.9]	63.4 [18.6]	61.2 [17.9]	59.0 [17.3]	60.6 [17.8]	58.5 [17.1]	56.4 [16.5]	
	Sens BTUH [kW]	45.0 [13.2]	38.8 [11.4]	33.0 [9.7]	53.8 [15.8]	47.0 [13.8]	40.6 [11.9]	60.6 [17.8]	54.2 [15.9]	47.2 [13.8]	
	Power	4.6	4.5	4.5	4.6	4.5	4.4	4.5	4.5	4.4	
100 [37.8]	Total BTUH [kW]	67.1 [19.7]	64.7 [19.0]	62.4 [18.3]	61.3 [18.0]	59.2 [17.3]	57.0 [16.7]	58.5 [17.1]	56.5 [16.6]	54.4 [15.9]	
	Sens BTUH [kW]	43.8 [12.8]	37.7 [11.1]	32.1 [9.4]	52.7 [15.5]	46.1 [13.5]	39.8 [11.7]	58.5 [17.2]	53.3 [15.6]	46.4 [13.6]	
	Power	4.9	4.8	4.7	4.8	4.8	4.7	4.8	4.7	4.6	
105 [40.6]	Total BTUH [kW]	65.1 [19.1]	62.8 [18.4]	60.5 [17.7]	59.3 [17.4]	57.2 [16.8]	55.1 [16.1]	56.5 [16.6]	54.5 [16.0]	52.5 [15.4]	
	Sens BTUH [kW]	42.7 [12.5]	36.8 [10.8]	31.3 [9.2]	51.6 [15.1]	45.1 [13.2]	39.0 [11.4]	56.5 [16.6]	52.3 [15.3]	45.6 [13.4]	
	Power	5.1	5.1	5.0	5.1	5.0	4.9	5.1	5.0	4.9	
110 [43.3]	Total BTUH [kW]	63.1 [18.5]	60.9 [17.8]	58.7 [17.2]	57.3 [16.8]	55.3 [16.2]	53.3 [15.6]	54.5 [16.0]	52.6 [15.4]	50.7 [14.9]	
	Sens BTUH [kW]	41.7 [12.2]	35.9 [10.5]	30.6 [9.0]	50.5 [14.8]	44.2 [13.0]	38.3 [11.2]	54.5 [16.0]	51.4 [15.1]	44.9 [13.2]	
	Power	5.4	5.3	5.2	5.4	5.3	5.2	5.4	5.3	5.2	
115 [46.1]	Total BTUH [kW]	61.2 [17.9]	59.1 [17.3]	56.9 [16.7]	55.4 [16.2]	53.5 [15.7]	51.5 [15.1]	52.6 [15.4]	50.8 [14.9]	48.9 [14.3]	
	Sens BTUH [kW]	40.6 [11.9]	35.0 [10.3]	29.7 [8.7]	49.4 [14.5]	43.3 [12.7]	37.4 [11.0]	52.6 [15.4]	50.5 [14.8]	44.1 [12.9]	
	Power	5.7	5.6	5.5	5.7	5.6	5.5	5.7	5.6	5.5	

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





GROSS SYSTEMS COOLING PERFORMANCE DATA—RQRM-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]			1200 [566]	900 [425]	800 [378]	1200 [566]	900 [425]	800 [378]	1200 [566]	900 [425]	800 [378]
DR ①			.03	.06	.06	.03	.06	.06	.03	.06	.06
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	36.9 [10.8]	34.8 [10.2]	34.1 [10.0]	29.9 [8.8]	28.2 [8.3]	27.6 [8.1]	16.5 [4.8]	15.5 [4.5]	15.2 [4.5]
		Sens BTUH [kW]	29.4 [8.6]	23.3 [6.8]	21.4 [6.3]	27.4 [8.0]	22.0 [6.5]	20.3 [6.0]	15.8 [4.6]	12.7 [3.7]	11.8 [3.5]
		Power	1.5	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.4
	80 [26.7]	Total BTUH [kW]	35.8 [10.5]	33.7 [9.9]	33.0 [9.7]	28.8 [8.4]	27.1 [7.9]	26.6 [7.8]	15.3 [4.5]	14.4 [4.2]	14.2 [4.2]
		Sens BTUH [kW]	28.7 [8.4]	22.7 [6.7]	20.9 [6.1]	26.7 [7.8]	21.4 [6.3]	19.8 [5.8]	15.1 [4.4]	12.2 [3.6]	11.4 [3.4]
		Power	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	85 [29.4]	Total BTUH [kW]	34.7 [10.2]	32.7 [9.6]	32.0 [9.4]	27.7 [8.1]	26.1 [7.6]	25.6 [7.5]	14.3 [4.2]	13.4 [3.9]	13.2 [3.9]
		Sens BTUH [kW]	28.0 [8.2]	22.2 [6.5]	20.4 [6.0]	26.0 [7.6]	20.9 [6.1]	19.3 [5.7]	14.3 [4.2]	11.7 [3.4]	10.9 [3.2]
		Power	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5
	90 [32.2]	Total BTUH [kW]	33.7 [9.9]	31.8 [9.3]	31.1 [9.1]	26.7 [7.8]	25.2 [7.4]	24.7 [7.2]	13.3 [3.9]	12.5 [3.7]	12.3 [3.6]
Sens BTUH [kW]		27.5 [8.1]	21.9 [6.4]	20.1 [5.9]	25.5 [7.5]	20.6 [6.0]	19.1 [5.6]	13.3 [3.9]	11.4 [3.4]	10.6 [3.1]	
Power		1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.6	
95 [35]	Total BTUH [kW]	32.8 [9.6]	30.9 [9.1]	30.3 [8.9]	25.8 [7.6]	24.3 [7.1]	23.8 [7.0]	12.3 [3.6]	11.6 [3.4]	11.4 [3.3]	
	Sens BTUH [kW]	27.2 [8.0]	21.6 [6.3]	19.9 [5.8]	25.2 [7.4]	20.3 [6.0]	18.8 [5.5]	12.3 [3.6]	11.1 [3.3]	10.3 [3.0]	
	Power	1.8	1.8	1.8	1.8	1.8	1.7	1.8	1.7	1.7	
100 [37.8]	Total BTUH [kW]	31.9 [9.3]	30.1 [8.8]	29.5 [8.6]	24.9 [7.3]	23.5 [6.9]	23.0 [6.7]	11.5 [3.4]	10.8 [3.2]	10.6 [3.1]	
	Sens BTUH [kW]	26.8 [7.9]	21.4 [6.3]	19.7 [5.8]	24.8 [7.3]	20.1 [5.9]	18.6 [5.5]	11.5 [3.4]	10.8 [3.2]	10.1 [3.0]	
	Power	1.9	1.9	1.9	1.9	1.9	1.8	1.9	1.9	1.8	
105 [40.6]	Total BTUH [kW]	31.2 [9.1]	29.4 [8.6]	28.8 [8.4]	24.2 [7.1]	22.8 [6.7]	22.3 [6.5]	10.7 [3.1]	10.1 [3.0]	9.9 [2.9]	
	Sens BTUH [kW]	26.7 [7.8]	21.3 [6.3]	19.6 [5.8]	24.2 [7.1]	20.0 [5.9]	18.5 [5.4]	10.7 [3.1]	10.1 [3.0]	9.9 [2.9]	
	Power	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	
110 [43.3]	Total BTUH [kW]	30.5 [8.9]	28.7 [8.4]	28.2 [8.3]	23.5 [6.9]	22.1 [6.5]	21.7 [6.4]	10.0 [2.9]	9.5 [2.8]	9.3 [2.7]	
	Sens BTUH [kW]	26.7 [7.8]	21.3 [6.3]	19.7 [5.8]	23.5 [6.9]	20.0 [5.9]	18.6 [5.5]	10.0 [2.9]	9.5 [2.8]	9.3 [2.7]	
	Power	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
115 [46.1]	Total BTUH [kW]	29.9 [8.8]	28.2 [8.3]	27.6 [8.1]	22.9 [6.7]	21.6 [6.3]	21.1 [6.2]	9.4 [2.8]	8.9 [2.6]	8.7 [2.5]	
	Sens BTUH [kW]	26.8 [7.9]	21.5 [6.3]	19.8 [5.8]	22.9 [6.7]	20.2 [5.9]	18.7 [5.5]	9.4 [2.8]	8.9 [2.6]	8.7 [2.6]	
	Power	2.3	2.2	2.2	2.3	2.2	2.2	2.3	2.2	2.2	

GROSS SYSTEMS COOLING PERFORMANCE DATA—RQRM-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]			1200 [566]	1000 [472]	800 [378]	1200 [566]	1000 [472]	800 [378]	1200 [566]	1000 [472]	800 [378]
DR ①			.04	.06	.09	.04	.06	.09	.04	.06	.09
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	37.9 [11.1]	36.6 [10.7]	35.2 [10.3]	35.9 [10.5]	34.6 [10.1]	33.3 [9.8]	34.2 [10.0]	33.0 [9.7]	31.8 [9.3]
		Sens BTUH [kW]	25.4 [7.5]	21.9 [6.4]	18.6 [5.5]	29.6 [8.7]	25.8 [7.6]	22.2 [6.5]	32.5 [9.5]	28.5 [8.4]	24.8 [7.3]
		Power	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	80 [26.7]	Total BTUH [kW]	36.7 [10.8]	35.4 [10.4]	34.2 [10.0]	34.7 [10.2]	33.5 [9.8]	32.3 [9.5]	33.1 [9.7]	31.9 [9.4]	30.7 [9.0]
		Sens BTUH [kW]	24.7 [7.2]	21.3 [6.3]	18.2 [5.3]	29.0 [8.5]	25.3 [7.4]	21.9 [6.4]	31.9 [9.4]	28.0 [8.2]	24.3 [7.1]
		Power	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6
	85 [29.4]	Total BTUH [kW]	35.5 [10.4]	34.2 [10.0]	33.0 [9.7]	33.5 [9.8]	32.3 [9.5]	31.1 [9.1]	31.8 [9.3]	30.7 [9.0]	29.6 [8.7]
		Sens BTUH [kW]	24.1 [7.1]	20.7 [6.1]	17.7 [5.2]	28.3 [8.3]	24.7 [7.2]	21.3 [6.3]	31.2 [9.2]	27.4 [8.0]	23.8 [7.0]
		Power	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7
90 [32.2]	Total BTUH [kW]	34.2 [10.0]	33.0 [9.7]	31.8 [9.3]	32.1 [9.4]	31.0 [9.1]	29.9 [8.8]	30.5 [8.9]	29.4 [8.6]	28.3 [8.3]	
	Sens BTUH [kW]	23.4 [6.9]	20.2 [5.9]	17.2 [5.1]	27.6 [8.1]	24.1 [7.1]	20.9 [6.1]	30.5 [8.9]	26.8 [7.9]	23.3 [6.8]	
	Power	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	
95 [35]	Total BTUH [kW]	32.7 [9.6]	31.6 [9.3]	30.4 [8.9]	30.7 [9.0]	29.6 [8.7]	28.5 [8.4]	29.0 [8.5]	28.0 [8.2]	27.0 [7.9]	
	Sens BTUH [kW]	22.6 [6.6]	19.6 [5.8]	16.7 [4.9]	26.8 [7.9]	23.4 [6.9]	20.2 [5.9]	29.0 [8.5]	26.1 [7.7]	22.8 [6.7]	
	Power	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
100 [37.8]	Total BTUH [kW]	31.2 [9.1]	30.1 [8.8]	29.0 [8.5]	29.2 [8.6]	28.1 [8.2]	27.1 [7.9]	27.5 [8.1]	26.6 [7.8]	25.6 [7.5]	
	Sens BTUH [kW]	21.9 [6.4]	18.9 [5.5]	16.1 [4.7]	26.0 [7.6]	22.7 [6.7]	19.7 [5.8]	27.5 [8.1]	25.5 [7.5]	22.2 [6.5]	
	Power	2.2	2.1	2.1	2.2	2.1	2.1	2.2	2.1	2.1	
105 [40.6]	Total BTUH [kW]	29.6 [8.7]	28.5 [8.4]	27.5 [8.1]	27.5 [8.1]	26.6 [7.8]	25.6 [7.5]	25.9 [7.6]	25.0 [7.3]	24.1 [7.1]	
	Sens BTUH [kW]	21.0 [6.2]	18.1 [5.3]	15.5 [4.6]	25.1 [7.4]	22.1 [6.5]	19.1 [5.6]	25.9 [7.6]	24.8 [7.3]	21.7 [6.4]	
	Power	2.3	2.3	2.2	2.3	2.3	2.2	2.3	2.2	2.2	
110 [43.3]	Total BTUH [kW]	27.9 [8.2]	26.9 [7.9]	25.9 [7.6]	25.8 [7.6]	24.9 [7.3]	24.0 [7.0]	24.2 [7.1]	23.3 [6.8]	22.5 [6.6]	
	Sens BTUH [kW]	20.1 [5.9]	17.4 [5.1]	14.9 [4.4]	24.3 [7.1]	21.3 [6.3]	18.5 [5.4]	24.2 [7.1]	23.3 [6.8]	20.9 [6.1]	
	Power	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	
115 [46.1]	Total BTUH [kW]	26.0 [7.6]	25.1 [7.4]	24.2 [7.1]	24.0 [7.0]	23.2 [6.8]	22.3 [6.5]	22.4 [6.6]	21.6 [6.3]	20.8 [6.1]	
	Sens BTUH [kW]	19.0 [5.6]	16.5 [4.8]	14.1 [4.1]	23.3 [6.8]	20.5 [6.0]	17.8 [5.2]	22.4 [6.6]	21.6 [6.3]	20.3 [6.0]	
	Power	2.6	2.6	2.5	2.6	2.6	2.5	2.6	2.5	2.5	

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





GROSS SYSTEMS COOLING PERFORMANCE DATA—RQRM-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]			1440 [680]	1200 [566]	960 [453]	1440 [680]	1200 [566]	960 [453]	1440 [680]	1200 [566]	960 [453]
DR ①			.0	.0	.0	.0	.0	.0	.0	.0	.0
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	44.7 [13.1]	43.1 [12.6]	41.5 [12.2]	41.6 [12.2]	40.2 [11.8]	38.7 [11.3]	39.9 [11.7]	38.5 [11.3]	37.1 [10.9]
		Sens BTUH [kW]	31.6 [9.3]	27.3 [8.0]	23.3 [6.8]	37.0 [10.9]	32.4 [9.5]	28.0 [8.2]	39.9 [11.7]	35.3 [10.4]	30.7 [9.0]
		Power	2.0	2.0	1.9	2.0	1.9	1.9	2.0	1.9	1.9
	80 [26.7]	Total BTUH [kW]	43.3 [12.7]	41.8 [12.3]	40.3 [11.8]	40.3 [11.8]	38.9 [11.4]	37.4 [11.0]	38.6 [11.3]	37.2 [10.9]	35.9 [10.5]
		Sens BTUH [kW]	31.2 [9.2]	27.0 [7.9]	23.1 [6.8]	36.6 [10.7]	32.1 [9.4]	27.7 [8.1]	38.6 [11.3]	35.0 [10.3]	30.6 [9.0]
		Power	2.1	2.1	2.0	2.1	2.0	2.0	2.1	2.0	2.0
	85 [29.4]	Total BTUH [kW]	42.0 [12.3]	40.5 [11.9]	39.0 [11.4]	38.9 [11.4]	37.5 [11.0]	36.2 [10.6]	37.2 [10.9]	35.9 [10.5]	34.6 [10.1]
		Sens BTUH [kW]	30.6 [9.0]	26.5 [7.8]	22.7 [6.7]	36.0 [10.6]	31.5 [9.2]	27.4 [8.0]	37.2 [10.9]	34.5 [10.1]	30.1 [8.8]
		Power	2.2	2.2	2.1	2.2	2.2	2.1	2.2	2.1	2.1
	90 [32.2]	Total BTUH [kW]	40.6 [11.9]	39.2 [11.5]	37.8 [11.1]	37.6 [11.0]	36.3 [10.6]	34.9 [10.2]	35.9 [10.5]	34.6 [10.1]	33.4 [9.8]
		Sens BTUH [kW]	29.7 [8.7]	25.8 [7.6]	22.1 [6.5]	35.2 [10.3]	30.9 [9.1]	26.7 [7.8]	35.9 [10.5]	33.8 [9.9]	29.6 [8.7]
		Power	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.2
	95 [35]	Total BTUH [kW]	39.3 [11.5]	37.9 [11.1]	36.5 [10.7]	36.2 [10.6]	35.0 [10.3]	33.7 [9.9]	34.5 [10.1]	33.3 [9.8]	32.1 [9.4]
		Sens BTUH [kW]	28.8 [8.5]	24.9 [7.3]	21.3 [6.3]	34.1 [10.0]	30.0 [8.8]	26.0 [7.6]	34.5 [10.1]	32.9 [9.7]	28.7 [8.4]
		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]	38.0 [11.1]	36.6 [10.7]	35.3 [10.3]	34.9 [10.2]	33.7 [9.9]	32.4 [9.5]	33.2 [9.7]	32.0 [9.4]	30.9 [9.1]
		Sens BTUH [kW]	27.7 [8.1]	23.9 [7.0]	20.5 [6.0]	33.0 [9.7]	29.0 [8.5]	25.1 [7.4]	33.2 [9.7]	31.9 [9.4]	27.9 [8.2]
		Power	2.6	2.6	2.5	2.6	2.6	2.5	2.6	2.5	2.5
	105 [40.6]	Total BTUH [kW]	36.6 [10.7]	35.3 [10.3]	34.1 [10.0]	33.6 [9.8]	32.4 [9.5]	31.2 [9.1]	31.9 [9.3]	30.8 [9.0]	29.6 [8.7]
		Sens BTUH [kW]	26.2 [7.7]	22.7 [6.7]	19.5 [5.7]	31.7 [9.3]	27.8 [8.2]	24.1 [7.1]	31.9 [9.4]	30.8 [9.0]	26.8 [7.9]
		Power	2.8	2.7	2.7	2.8	2.7	2.7	2.7	2.7	2.6
	110 [43.3]	Total BTUH [kW]	35.3 [10.3]	34.1 [10.0]	32.8 [9.6]	32.2 [9.4]	31.1 [9.1]	30.0 [8.8]	30.6 [9.0]	29.5 [8.6]	28.4 [8.3]
		Sens BTUH [kW]	24.7 [7.2]	21.4 [6.3]	18.2 [5.3]	30.1 [8.8]	26.4 [7.7]	22.9 [6.7]	30.6 [9.0]	29.4 [8.6]	25.7 [7.5]
		Power	2.9	2.9	2.8	2.9	2.9	2.8	2.9	2.8	2.8
	115 [46.1]	Total BTUH [kW]	34.0 [10.0]	32.8 [9.6]	31.6 [9.3]	30.9 [9.1]	29.8 [8.7]	28.8 [8.4]	29.2 [8.6]	28.2 [8.3]	27.2 [8.0]
		Sens BTUH [kW]	23.0 [6.8]	19.8 [5.8]	16.9 [5.0]	28.3 [8.3]	24.8 [7.3]	21.6 [6.3]	29.2 [8.6]	27.8 [8.2]	24.3 [7.1]
		Power	3.1	3.0	3.0	3.1	3.0	3.0	3.1	3.0	3.0

GROSS SYSTEMS COOLING PERFORMANCE DATA—RQRM-A042

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]			1860 [878]	1425 [672]	1240 [585]	1860 [878]	1425 [672]	1240 [585]	1860 [878]	1425 [672]	1240 [585]
DR ①			.05	.09	.11	.05	.09	.11	.05	.09	.11
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	54.7 [16.0]	51.9 [15.2]	50.6 [14.8]	51.4 [15.1]	48.7 [14.3]	47.5 [13.9]	48.8 [14.3]	46.2 [13.5]	45.1 [13.2]
		Sens BTUH [kW]	37.1 [10.9]	29.7 [8.7]	26.7 [7.8]	43.4 [12.7]	35.3 [10.4]	32.0 [9.4]	48.1 [14.1]	39.5 [11.6]	36.1 [10.6]
		Power	2.4	2.3	2.3	2.4	2.3	2.3	2.4	2.3	2.3
	80 [26.7]	Total BTUH [kW]	53.4 [15.6]	50.6 [14.8]	49.4 [14.5]	50.1 [14.7]	47.4 [13.9]	46.3 [13.6]	47.4 [13.9]	44.9 [13.2]	43.9 [12.9]
		Sens BTUH [kW]	36.6 [10.7]	29.2 [8.6]	26.3 [7.7]	42.8 [12.6]	34.8 [10.2]	31.7 [9.3]	47.4 [13.9]	39.0 [11.4]	35.7 [10.5]
		Power	2.5	2.5	2.4	2.5	2.5	2.4	2.5	2.4	2.4
	85 [29.4]	Total BTUH [kW]	52.0 [15.2]	49.2 [14.4]	48.1 [14.1]	48.6 [14.2]	46.0 [13.5]	45.0 [13.2]	46.0 [13.5]	43.5 [12.7]	42.5 [12.5]
		Sens BTUH [kW]	35.9 [10.5]	28.6 [8.4]	25.8 [7.6]	42.0 [12.3]	34.2 [10.0]	31.2 [9.2]	46.0 [13.5]	38.4 [11.3]	35.1 [10.3]
		Power	2.7	2.6	2.6	2.7	2.6	2.6	2.7	2.6	2.6
	90 [32.2]	Total BTUH [kW]	50.3 [14.7]	47.7 [14.0]	46.5 [13.6]	47.0 [13.8]	44.5 [13.0]	43.4 [12.7]	44.3 [13.0]	42.0 [12.3]	41.0 [12.0]
		Sens BTUH [kW]	35.1 [10.3]	28.1 [8.2]	25.3 [7.4]	41.4 [12.1]	33.7 [9.9]	30.6 [9.0]	44.3 [13.0]	37.9 [11.1]	34.7 [10.2]
		Power	2.8	2.8	2.7	2.8	2.7	2.7	2.8	2.7	2.7
	95 [35]	Total BTUH [kW]	48.5 [14.2]	46.0 [13.5]	44.9 [13.2]	45.2 [13.2]	42.8 [12.5]	41.8 [12.3]	42.5 [12.5]	40.3 [11.8]	39.3 [11.5]
		Sens BTUH [kW]	34.2 [10.0]	27.4 [8.0]	24.7 [7.2]	40.4 [11.9]	33.0 [9.7]	30.1 [8.8]	42.5 [12.5]	37.2 [10.9]	34.0 [10.0]
		Power	3.0	2.9	2.9	3.0	2.9	2.9	3.0	2.9	2.9
	100 [37.8]	Total BTUH [kW]	46.6 [13.7]	44.1 [12.9]	43.1 [12.6]	43.2 [12.7]	40.9 [12.0]	40.0 [11.7]	40.6 [11.9]	38.4 [11.3]	37.5 [11.0]
		Sens BTUH [kW]	33.2 [9.7]	26.6 [7.8]	24.0 [7.0]	39.4 [11.6]	32.2 [9.4]	29.4 [8.6]	40.6 [11.9]	36.4 [10.7]	33.3 [9.8]
		Power	3.2	3.1	3.1	3.2	3.1	3.0	3.1	3.1	3.0
	105 [40.6]	Total BTUH [kW]	44.5 [13.0]	42.1 [12.3]	41.1 [12.0]	41.1 [12.0]	38.9 [11.4]	38.0 [11.1]	38.5 [11.3]	36.4 [10.7]	35.6 [10.4]
		Sens BTUH [kW]	32.2 [9.4]	25.8 [7.6]	23.3 [6.8]	38.4 [11.3]	31.4 [9.2]	28.7 [8.4]	38.5 [11.3]	35.6 [10.4]	32.7 [9.6]
		Power	3.4	3.3	3.2	3.3	3.3	3.2	3.3	3.2	3.2
	110 [43.3]	Total BTUH [kW]	42.2 [12.4]	40.0 [11.7]	39.0 [11.4]	38.8 [11.4]	36.8 [10.8]	35.9 [10.5]	36.2 [10.6]	34.3 [10.1]	33.5 [9.8]
		Sens BTUH [kW]	31.1 [9.1]	25.0 [7.3]	22.5 [6.6]	37.2 [10.9]	30.6 [9.0]	27.9 [8.2]	36.2 [10.6]	34.3 [10.1]	31.9 [9.4]
		Power	3.5	3.5	3.4	3.5	3.4	3.4	3.5	3.4	3.4
	115 [46.1]	Total BTUH [kW]	39.8 [11.7]	37.7 [11.0]	36.8 [10.8]	36.4 [10.7]	34.5 [10.1]	33.7 [9.9]	33.8 [9.9]	32.0 [9.4]	31.2 [9.1]
		Sens BTUH [kW]	29.9 [8.8]	24.1 [7.1]	21.8 [6.4]	36.1 [10.6]	29.7 [8.7]	27.1 [8.0]	33.8 [9.9]	32.0 [9.4]	31.1 [9.1]
		Power	3.7	3.6	3.6	3.7	3.6	3.6	3.7	3.6	3.6

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 COOLING PERFORMANCE DATA—RQRM-A048**

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]			1860 [878]	1525 [720]	1240 [585]	1860 [878]	1525 [720]	1240 [585]	1860 [878]	1525 [720]	1240 [585]
DR ①			.05	.09	.12	.05	.09	.12	.05	.09	.12
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	56.7 [16.6] 36.8 [10.8] 2.6	54.6 [16.0] 31.3 [9.2] 2.5	52.7 [15.4] 26.8 [7.9] 2.5	53.8 [15.8] 43.8 [12.8] 2.5	51.7 [15.2] 37.6 [11.0] 2.5	50.0 [14.7] 32.8 [9.6] 2.4	50.6 [14.8] 48.3 [14.2] 2.5	48.7 [14.3] 41.9 [12.3] 2.4	47.0 [13.8] 36.7 [10.8] 2.4
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	55.8 [16.4] 36.6 [10.7] 2.7	53.6 [15.7] 31.0 [9.1] 2.7	51.8 [15.2] 26.7 [7.8] 2.6	52.8 [15.5] 43.4 [12.7] 2.7	50.8 [14.9] 37.4 [11.0] 2.6	49.0 [14.4] 32.5 [9.5] 2.6	49.6 [14.5] 48.0 [14.1] 2.6	47.7 [14.0] 41.6 [12.2] 2.6	46.1 [13.5] 36.5 [10.7] 2.6
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	54.5 [16.0] 36.1 [10.6] 2.9	52.4 [15.4] 30.6 [9.0] 2.8	50.6 [14.8] 26.3 [7.7] 2.8	51.6 [15.1] 43.0 [12.6] 2.8	49.6 [14.5] 37.0 [10.9] 2.8	47.9 [14.0] 32.2 [9.4] 2.7	48.4 [14.2] 47.5 [13.9] 2.8	46.5 [13.6] 41.2 [12.1] 2.8	45.0 [13.2] 36.2 [10.6] 2.7
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	53.1 [15.6] 35.5 [10.4] 3.1	51.0 [14.9] 30.1 [8.8] 3.0	49.3 [14.4] 25.9 [7.6] 2.9	50.1 [14.7] 42.3 [12.4] 3.0	48.2 [14.1] 36.5 [10.7] 3.0	46.5 [13.6] 31.8 [9.3] 2.9	46.9 [13.7] 46.9 [13.8] 3.0	45.1 [13.2] 40.7 [11.9] 2.9	43.6 [12.8] 35.8 [10.5] 2.9
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	51.3 [15.0] 34.5 [10.1] 3.2	49.4 [14.5] 29.4 [8.6] 3.2	47.7 [14.0] 25.3 [7.4] 3.1	48.4 [14.2] 41.5 [12.2] 3.2	46.5 [13.6] 35.7 [10.5] 3.1	45.0 [13.2] 31.2 [9.2] 3.1	45.2 [13.2] 45.2 [13.3] 3.2	43.5 [12.7] 40.0 [11.7] 3.1	42.0 [12.3] 35.1 [10.3] 3.1
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	49.4 [14.5] 33.5 [9.8] 3.4	47.5 [13.9] 28.5 [8.4] 3.4	45.9 [13.5] 24.6 [7.2] 3.3	46.4 [13.6] 40.4 [11.9] 3.4	44.6 [13.1] 34.8 [10.2] 3.3	43.1 [12.6] 30.4 [8.9] 3.3	43.3 [12.7] 43.3 [12.7] 3.4	41.6 [12.2] 39.1 [11.5] 3.3	40.2 [11.8] 34.4 [10.1] 3.3
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	47.2 [13.8] 32.2 [9.4] 3.7	45.4 [13.3] 27.4 [8.0] 3.6	43.8 [12.8] 23.5 [6.9] 3.5	44.2 [13.0] 39.0 [11.4] 3.6	42.5 [12.5] 33.7 [9.9] 3.6	41.1 [12.0] 29.5 [8.7] 3.5	41.1 [12.0] 41.1 [12.1] 3.6	39.5 [11.6] 38.0 [11.1] 3.5	38.1 [11.2] 33.4 [9.8] 3.5
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	44.7 [13.1] 30.7 [9.0] 3.9	43.0 [12.6] 26.1 [7.7] 3.8	41.6 [12.2] 22.5 [6.6] 3.8	41.8 [12.3] 37.6 [11.0] 3.9	40.2 [11.8] 32.5 [9.5] 3.8	38.8 [11.4] 28.4 [8.3] 3.7	38.6 [11.3] 38.6 [11.3] 3.8	37.1 [10.9] 36.7 [10.8] 3.8	35.9 [10.5] 32.4 [9.5] 3.7
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	42.1 [12.3] 29.0 [8.5] 4.1	40.4 [11.8] 24.6 [7.2] 4.1	39.1 [11.5] 21.3 [6.3] 4.0	39.1 [11.5] 35.8 [10.5] 4.1	37.6 [11.0] 31.0 [9.1] 4.0	36.3 [10.6] 27.1 [8.0] 4.0	35.9 [10.5] 35.9 [10.5] 4.1	34.5 [10.1] 34.5 [10.1] 4.0	33.4 [9.8] 31.2 [9.2] 3.9

GROSS SYSTEMS COOLING PERFORMANCE DATA—RQRM-A060

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]			1860 [878]	1900 [897]	1240 [585]	1860 [878]	1900 [897]	1240 [585]	1860 [878]	1900 [897]	1240 [585]
DR ①			.15	.14	.23	.15	.14	.23	.15	.14	.23
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	69.0 [20.2]	69.2 [20.3]	64.9 [19.0]	65.3 [19.1]	65.6 [19.2]	61.5 [18.0]	62.0 [18.2]	62.2 [18.2]	58.3 [17.1]
		Sens BTUH [kW]	38.4 [11.3]	39.0 [11.4]	29.1 [8.5]	45.5 [13.3]	46.3 [13.6]	35.4 [10.4]	51.2 [15.0]	51.9 [15.2]	40.2 [11.8]
		Power	3.5	3.5	3.4	3.5	3.5	3.4	3.4	3.4	3.3
	80 [26.7]	Total BTUH [kW]	67.1 [19.7]	67.3 [19.7]	63.1 [18.5]	63.4 [18.6]	63.7 [18.7]	59.7 [17.5]	60.0 [17.6]	60.3 [17.7]	56.5 [16.6]
		Sens BTUH [kW]	37.6 [11.0]	38.2 [11.2]	28.5 [8.4]	44.7 [13.1]	45.4 [13.3]	34.7 [10.2]	50.3 [14.8]	51.1 [15.0]	39.6 [11.6]
		Power	3.7	3.7	3.6	3.6	3.7	3.5	3.6	3.6	3.5
	85 [29.4]	Total BTUH [kW]	65.0 [19.0]	65.3 [19.1]	61.2 [17.9]	61.4 [18.0]	61.6 [18.1]	57.8 [16.9]	58.0 [17.0]	58.2 [17.1]	54.6 [16.0]
		Sens BTUH [kW]	36.6 [10.7]	37.3 [10.9]	27.8 [8.2]	43.9 [12.9]	44.5 [13.1]	34.1 [10.0]	49.5 [14.5]	50.2 [14.7]	39.0 [11.4]
		Power	3.9	3.9	3.8	3.8	3.8	3.7	3.8	3.8	3.7
90 [32.2]	Total BTUH [kW]	62.9 [18.4]	63.2 [18.5]	59.2 [17.3]	59.3 [17.4]	59.5 [17.4]	55.8 [16.4]	55.9 [16.4]	56.1 [16.4]	52.6 [15.4]	
	Sens BTUH [kW]	35.8 [10.5]	36.5 [10.7]	27.2 [8.0]	43.0 [12.6]	43.6 [12.8]	33.4 [9.8]	48.6 [14.3]	49.3 [14.5]	38.4 [11.3]	
	Power	4.1	4.1	4.0	4.0	4.0	3.9	4.0	4.0	3.9	
95 [35]	Total BTUH [kW]	60.7 [17.8]	60.9 [17.8]	57.1 [16.7]	57.0 [16.7]	57.3 [16.8]	53.6 [15.7]	53.7 [15.7]	53.9 [15.8]	50.5 [14.8]	
	Sens BTUH [kW]	35.0 [10.3]	35.5 [10.4]	26.6 [7.8]	42.0 [12.3]	42.7 [12.5]	32.7 [9.6]	47.7 [14.0]	48.4 [14.2]	37.7 [11.1]	
	Power	4.3	4.3	4.2	4.3	4.3	4.1	4.2	4.2	4.1	
100 [37.8]	Total BTUH [kW]	58.3 [17.1]	58.6 [17.2]	54.9 [16.1]	54.7 [16.0]	54.9 [16.1]	51.4 [15.1]	51.3 [15.0]	51.5 [15.1]	48.3 [14.2]	
	Sens BTUH [kW]	34.0 [10.0]	34.6 [10.2]	25.9 [7.6]	41.2 [12.1]	41.8 [12.3]	32.1 [9.4]	46.7 [13.7]	47.4 [13.9]	37.0 [10.9]	
	Power	4.5	4.5	4.4	4.5	4.5	4.3	4.4	4.4	4.3	
105 [40.6]	Total BTUH [kW]	55.9 [16.4]	56.1 [16.4]	52.6 [15.4]	52.2 [15.3]	52.4 [15.4]	49.1 [14.4]	48.9 [14.3]	49.1 [14.4]	46.0 [13.5]	
	Sens BTUH [kW]	33.1 [9.7]	33.6 [9.9]	25.2 [7.4]	40.1 [11.8]	40.7 [11.9]	31.3 [9.2]	45.8 [13.4]	46.5 [13.6]	36.4 [10.7]	
	Power	4.8	4.8	4.6	4.7	4.7	4.6	4.7	4.7	4.5	
110 [43.3]	Total BTUH [kW]	53.3 [15.6]	53.5 [15.7]	50.1 [14.7]	49.7 [14.6]	49.9 [14.6]	46.7 [13.7]	46.3 [13.6]	46.5 [13.6]	43.5 [12.7]	
	Sens BTUH [kW]	32.0 [9.4]	32.5 [9.5]	24.4 [7.2]	39.2 [11.5]	39.8 [11.7]	30.7 [9.0]	44.9 [13.2]	45.5 [13.3]	35.6 [10.4]	
	Power	5.0	5.0	4.9	5.0	5.0	4.8	4.9	4.9	4.8	
115 [46.1]	Total BTUH [kW]	50.7 [14.9]	50.9 [14.9]	47.6 [14.0]	47.0 [13.8]	47.2 [13.8]	44.2 [13.0]	43.6 [12.8]	43.8 [12.8]	41.0 [12.0]	
	Sens BTUH [kW]	31.1 [9.1]	31.6 [9.3]	23.7 [7.0]	38.1 [11.2]	38.7 [11.4]	29.9 [8.8]	43.6 [12.8]	43.8 [12.8]	34.9 [10.2]	
	Power	5.3	5.3	5.1	5.2	5.2	5.1	5.2	5.2	5.0	

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





Air

Gross Systems Performance Data
RQPM Series

HEATING PERFORMANCE DATA—RQPM-A024

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			960 [453]	800 [378]	640 [302]	960 [453]	800 [378]	640 [302]	960 [453]	800 [378]	640 [302]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	8.3 [2.4] 1.4	8.2 [2.4] 1.4	8.1 [2.4] 1.5	7.4 [2.2] 1.5	7.3 [2.1] 1.6	7.2 [2.1] 1.6	6.4 [1.9] 1.8	6.3 [1.8] 1.8	6.2 [1.8] 1.9
	5 [-15]	Total BTUH [kW] Power	10.0 [2.9] 1.4	9.9 [2.9] 1.5	9.7 [2.8] 1.5	9.1 [2.7] 1.5	8.9 [2.6] 1.6	8.8 [2.6] 1.6	8.1 [2.4] 1.8	8.0 [2.3] 1.8	7.9 [2.3] 1.9
	10 [-12.2]	Total BTUH [kW] Power	11.7 [3.4] 1.4	11.5 [3.4] 1.5	11.4 [3.3] 1.5	10.7 [3.1] 1.6	10.6 [3.1] 1.6	10.4 [3.0] 1.7	9.8 [2.9] 1.8	9.6 [2.8] 1.9	9.5 [2.8] 1.9
	15 [-9.4]	Total BTUH [kW] Power	13.4 [3.9] 1.5	13.2 [3.9] 1.5	13.0 [3.8] 1.5	12.4 [3.6] 1.6	12.2 [3.6] 1.6	12.1 [3.5] 1.7	11.4 [3.3] 1.9	11.3 [3.3] 1.9	11.1 [3.3] 1.9
	20 [-6.7]	Total BTUH [kW] Power	15.0 [4.4] 1.5	14.8 [4.3] 1.5	14.6 [4.3] 1.6	14.1 [4.1] 1.6	13.9 [4.1] 1.7	13.7 [4.0] 1.7	13.1 [3.8] 1.9	12.9 [3.8] 1.9	12.7 [3.7] 2.0
	25 [-3.9]	Total BTUH [kW] Power	16.7 [4.9] 1.5	16.5 [4.8] 1.6	16.2 [4.7] 1.6	15.8 [4.6] 1.7	15.5 [4.5] 1.7	15.3 [4.5] 1.7	14.8 [4.3] 1.9	14.6 [4.3] 2.0	14.4 [4.2] 2.0
	30 [-1.1]	Total BTUH [kW] Power	18.4 [5.4] 1.6	18.1 [5.3] 1.6	17.9 [5.2] 1.6	17.4 [5.1] 1.7	17.2 [5.0] 1.7	16.9 [5.0] 1.8	16.5 [4.8] 1.9	16.2 [4.7] 2.0	16.0 [4.7] 2.0
	35 [1.7]	Total BTUH [kW] Power	20.1 [5.9] 1.6	19.8 [5.8] 1.6	19.5 [5.7] 1.7	19.1 [5.6] 1.7	18.8 [5.5] 1.8	18.6 [5.5] 1.8	18.1 [5.3] 2.0	17.9 [5.2] 2.0	17.6 [5.2] 2.1
	40 [4.4]	Total BTUH [kW] Power	21.7 [6.4] 1.6	21.4 [6.3] 1.7	21.1 [6.2] 1.7	20.8 [6.1] 1.7	20.5 [6.0] 1.8	20.2 [5.9] 1.8	19.8 [5.8] 2.0	19.5 [5.7] 2.0	19.3 [5.7] 2.1
	45 [7.2]	Total BTUH [kW] Power	23.4 [6.9] 1.6	23.1 [6.8] 1.7	22.7 [6.7] 1.7	22.4 [6.6] 1.8	22.1 [6.5] 1.8	21.8 [6.4] 1.9	21.5 [6.3] 2.0	21.2 [6.2] 2.1	20.9 [6.1] 2.1
	50 [10]	Total BTUH [kW] Power	25.1 [7.4] 1.7	24.7 [7.2] 1.7	24.4 [7.2] 1.8	24.1 [7.1] 1.8	23.8 [7.0] 1.8	23.4 [6.9] 1.9	23.2 [6.8] 2.0	22.8 [6.7] 2.1	22.5 [6.6] 2.2

IDB —Indoor air dry bulb

HEATING PERFORMANCE DATA—RQPM-A030

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			1200 [566]	1000 [472]	800 [378]	1200 [566]	1000 [472]	800 [378]	1200 [566]	1000 [472]	800 [378]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	9.0 [2.6] 1.6	8.9 [2.6] 1.6	8.8 [2.6] 1.7	7.6 [2.2] 1.7	7.5 [2.2] 1.8	7.4 [2.2] 1.8	6.3 [1.8] 2.0	6.2 [1.8] 2.0	6.1 [1.8] 2.1
	5 [-15]	Total BTUH [kW] Power	11.2 [3.3] 1.6	11.0 [3.2] 1.6	10.8 [3.2] 1.7	9.8 [2.9] 1.8	9.7 [2.8] 1.8	9.5 [2.8] 1.9	8.4 [2.5] 2.0	8.3 [2.4] 2.1	8.2 [2.4] 2.1
	10 [-12.2]	Total BTUH [kW] Power	13.3 [3.9] 1.6	13.1 [3.8] 1.7	12.9 [3.8] 1.7	11.9 [3.5] 1.8	11.8 [3.5] 1.9	11.6 [3.4] 1.9	10.6 [3.1] 2.1	10.4 [3.0] 2.1	10.3 [3.0] 2.2
	15 [-9.4]	Total BTUH [kW] Power	15.5 [4.5] 1.7	15.3 [4.5] 1.7	15.0 [4.4] 1.8	14.1 [4.1] 1.8	13.9 [4.1] 1.9	13.7 [4.0] 1.9	12.7 [3.7] 2.1	12.6 [3.7] 2.1	12.4 [3.6] 2.2
	20 [-6.7]	Total BTUH [kW] Power	17.6 [5.2] 1.7	17.4 [5.1] 1.8	17.1 [5.0] 1.8	16.3 [4.8] 1.9	16.0 [4.7] 1.9	15.8 [4.6] 2.0	14.9 [4.4] 2.1	14.7 [4.3] 2.2	14.5 [4.2] 2.2
	25 [-3.9]	Total BTUH [kW] Power	19.8 [5.8] 1.7	19.5 [5.7] 1.8	19.2 [5.6] 1.8	18.4 [5.4] 1.9	18.2 [5.3] 2.0	17.9 [5.2] 2.0	17.0 [5.0] 2.2	16.8 [4.9] 2.2	16.6 [4.9] 2.3
	30 [-1.1]	Total BTUH [kW] Power	22.0 [6.4] 1.8	21.6 [6.3] 1.8	21.3 [6.2] 1.9	20.6 [6.0] 2.0	20.3 [5.9] 2.0	20.0 [5.9] 2.1	19.2 [5.6] 2.2	18.9 [5.5] 2.2	18.7 [5.5] 2.3
	35 [1.7]	Total BTUH [kW] Power	24.1 [7.1] 1.8	23.8 [7.0] 1.9	23.4 [6.9] 1.9	22.7 [6.7] 2.0	22.4 [6.6] 2.0	22.1 [6.5] 2.1	21.4 [6.3] 2.2	21.1 [6.2] 2.3	20.8 [6.1] 2.3
	40 [4.4]	Total BTUH [kW] Power	26.3 [7.7] 1.9	25.9 [7.6] 1.9	25.5 [7.5] 1.9	24.9 [7.3] 2.0	24.5 [7.2] 2.1	24.2 [7.1] 2.1	23.5 [6.9] 2.3	23.2 [6.8] 2.3	22.9 [6.7] 2.4
	45 [7.2]	Total BTUH [kW] Power	28.4 [8.3] 1.9	28.0 [8.2] 1.9	27.6 [8.1] 2.0	27.1 [7.9] 2.1	26.7 [7.8] 2.1	26.3 [7.7] 2.2	25.7 [7.5] 2.3	25.3 [7.4] 2.4	25.0 [7.3] 2.4
	50 [10]	Total BTUH [kW] Power	30.6 [9.0] 1.9	30.2 [8.9] 2.0	29.7 [8.7] 2.0	29.2 [8.6] 2.1	28.8 [8.4] 2.1	28.4 [8.3] 2.2	27.8 [8.1] 2.3	27.4 [8.0] 2.4	27.1 [7.9] 2.4

IDB —Indoor air dry bulb

[] Designates Metric Conversions



**HEATING PERFORMANCE DATA—RQPM-A036**

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			1440 [680]	1200 [566]	960 [453]	1440 [680]	1200 [566]	960 [453]	1440 [680]	1200 [566]	960 [453]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	11.0 [3.2] 1.7	10.9 [3.2] 1.8	10.7 [3.1] 1.8	9.8 [2.9] 2.0	9.6 [2.8] 2.1	9.5 [2.8] 2.1	8.6 [2.5] 2.3	8.4 [2.5] 2.3	8.3 [2.4] 2.4
	5 [-15]	Total BTUH [kW] Power	13.6 [4.0] 1.8	13.4 [3.9] 1.8	13.2 [3.9] 1.9	12.4 [3.6] 2.1	12.2 [3.6] 2.1	12.0 [3.5] 2.2	11.1 [3.3] 2.3	11.0 [3.2] 2.4	10.8 [3.2] 2.4
	10 [-12.2]	Total BTUH [kW] Power	16.2 [4.7] 1.8	15.9 [4.7] 1.9	15.7 [4.6] 1.9	14.9 [4.4] 2.1	14.7 [4.3] 2.2	14.5 [4.2] 2.2	13.7 [4.0] 2.4	13.5 [4.0] 2.4	13.3 [3.9] 2.5
	15 [-9.4]	Total BTUH [kW] Power	18.8 [5.5] 1.9	18.5 [5.4] 1.9	18.2 [5.3] 2.0	17.5 [5.1] 2.2	17.3 [5.1] 2.2	17.0 [5.0] 2.3	16.3 [4.8] 2.4	16.1 [4.7] 2.5	15.9 [4.7] 2.6
	20 [-6.7]	Total BTUH [kW] Power	21.3 [6.2] 1.9	21.0 [6.2] 2.0	20.7 [6.1] 2.0	20.1 [5.9] 2.2	19.8 [5.8] 2.3	19.5 [5.7] 2.4	18.9 [5.5] 2.5	18.6 [5.5] 2.6	18.4 [5.4] 2.6
	25 [-3.9]	Total BTUH [kW] Power	23.9 [7.0] 2.0	23.6 [6.9] 2.0	23.2 [6.8] 2.1	22.7 [6.7] 2.3	22.4 [6.6] 2.3	22.1 [6.5] 2.4	21.5 [6.3] 2.5	21.2 [6.2] 2.6	20.9 [6.1] 2.7
	30 [-1.1]	Total BTUH [kW] Power	26.5 [7.8] 2.1	26.1 [7.6] 2.1	25.7 [7.5] 2.2	25.3 [7.4] 2.3	24.9 [7.3] 2.4	24.6 [7.2] 2.5	24.1 [7.1] 2.6	23.7 [6.9] 2.7	23.4 [6.9] 2.7
	35 [1.7]	Total BTUH [kW] Power	29.1 [8.5] 2.1	28.7 [8.4] 2.2	28.3 [8.3] 2.2	27.9 [8.2] 2.4	27.5 [8.1] 2.5	27.1 [7.9] 2.5	26.6 [7.8] 2.7	26.3 [7.7] 2.7	25.9 [7.6] 2.8
	40 [4.4]	Total BTUH [kW] Power	31.7 [9.3] 2.2	31.2 [9.1] 2.2	30.8 [9.0] 2.3	30.4 [8.9] 2.5	30.0 [8.8] 2.5	29.6 [8.7] 2.6	29.2 [8.6] 2.7	28.8 [8.4] 2.8	28.4 [8.3] 2.8
	45 [7.2]	Total BTUH [kW] Power	34.2 [10.0] 2.2	33.8 [9.9] 2.3	33.3 [9.8] 2.3	33.0 [9.7] 2.5	32.6 [9.6] 2.6	32.1 [9.4] 2.6	31.8 [9.3] 2.8	31.3 [9.2] 2.8	30.9 [9.1] 2.9
	50 [10]	Total BTUH [kW] Power	36.8 [10.8] 2.3	36.3 [10.6] 2.3	35.8 [10.5] 2.4	35.6 [10.4] 2.6	35.1 [10.3] 2.6	34.6 [10.1] 2.7	34.4 [10.1] 2.8	33.9 [9.9] 2.9	33.4 [9.8] 3.0

IDB —Indoor air dry bulb

HEATING PERFORMANCE DATA—RQPM-A037

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			1440 [680]	1250 [590]	960 [453]	1440 [680]	1250 [590]	960 [453]	1440 [680]	1250 [590]	960 [453]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	10.4 [3.0] 1.8	10.3 [3.0] 1.8	10.1 [3.0] 1.9	9.3 [2.7] 2.0	9.2 [2.7] 2.1	9.0 [2.6] 2.1	8.1 [2.4] 2.2	8.1 [2.4] 2.3	7.9 [2.3] 2.4
	5 [-15]	Total BTUH [kW] Power	12.9 [3.8] 1.8	12.8 [3.8] 1.9	12.5 [3.7] 1.9	11.8 [3.5] 2.1	11.6 [3.4] 2.1	11.5 [3.4] 2.2	10.7 [3.1] 2.3	10.5 [3.1] 2.3	10.4 [3.0] 2.4
	10 [-12.2]	Total BTUH [kW] Power	15.4 [4.5] 1.9	15.2 [4.5] 1.9	15.0 [4.4] 2.0	14.3 [4.2] 2.1	14.1 [4.1] 2.2	13.9 [4.1] 2.2	13.2 [3.9] 2.3	13.0 [3.8] 2.4	12.8 [3.8] 2.5
	15 [-9.4]	Total BTUH [kW] Power	17.9 [5.2] 1.9	17.7 [5.2] 2.0	17.4 [5.1] 2.0	16.8 [4.9] 2.2	16.6 [4.9] 2.2	16.3 [4.8] 2.3	15.7 [4.6] 2.4	15.5 [4.5] 2.4	15.3 [4.5] 2.5
	20 [-6.7]	Total BTUH [kW] Power	20.4 [6.0] 2.0	20.2 [5.9] 2.0	19.9 [5.8] 2.1	19.3 [5.7] 2.2	19.1 [5.6] 2.3	18.8 [5.5] 2.3	18.2 [5.3] 2.4	18.0 [5.3] 2.5	17.7 [5.2] 2.5
	25 [-3.9]	Total BTUH [kW] Power	22.9 [6.7] 2.0	22.7 [6.7] 2.0	22.3 [6.5] 2.1	21.8 [6.4] 2.3	21.6 [6.3] 2.3	21.2 [6.2] 2.4	20.7 [6.1] 2.5	20.5 [6.0] 2.5	20.1 [5.9] 2.6
	30 [-1.1]	Total BTUH [kW] Power	25.5 [7.5] 2.1	25.2 [7.4] 2.1	24.8 [7.3] 2.2	24.3 [7.1] 2.3	24.1 [7.1] 2.3	23.7 [6.9] 2.4	23.2 [6.8] 2.5	23.0 [6.7] 2.6	22.6 [6.6] 2.6
	35 [1.7]	Total BTUH [kW] Power	28.0 [8.2] 2.1	27.7 [8.1] 2.1	27.2 [8.0] 2.2	26.8 [7.9] 2.3	26.6 [7.8] 2.4	26.1 [7.6] 2.5	25.7 [7.5] 2.6	25.4 [7.4] 2.6	25.0 [7.3] 2.7
	40 [4.4]	Total BTUH [kW] Power	30.5 [8.9] 2.1	30.1 [8.8] 2.2	29.6 [8.7] 2.3	29.4 [8.6] 2.4	29.0 [8.5] 2.4	28.6 [8.4] 2.5	28.2 [8.3] 2.6	27.9 [8.2] 2.7	27.5 [8.1] 2.7
	45 [7.2]	Total BTUH [kW] Power	33.0 [9.7] 2.2	32.6 [9.6] 2.2	32.1 [9.4] 2.3	31.9 [9.3] 2.4	31.5 [9.2] 2.5	31.0 [9.1] 2.6	30.7 [9.0] 2.7	30.4 [8.9] 2.7	29.9 [8.8] 2.8
	50 [10]	Total BTUH [kW] Power	35.5 [10.4] 2.2	35.1 [10.3] 2.3	34.5 [10.1] 2.3	34.4 [10.1] 2.5	34.0 [10.0] 2.5	33.4 [9.8] 2.6	33.3 [9.8] 2.7	32.9 [9.6] 2.8	32.4 [9.5] 2.8

IDB —Indoor air dry bulb

[] Designates Metric Conversions





Air

Gross Systems Performance Data
RQPM Series

HEATING PERFORMANCE DATA—RQPM-A042

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			1740 [821]	1450 [684]	1160 [547]	1740 [821]	1450 [684]	1160 [547]	1740 [821]	1450 [684]	1160 [547]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	13.3 [3.9] 2.2	13.1 [3.8] 2.2	12.9 [3.8] 2.3	12.0 [3.5] 2.5	11.9 [3.5] 2.5	11.7 [3.4] 2.6	10.8 [3.2] 2.8	10.6 [3.1] 2.9	10.5 [3.1] 3.0
	5 [-15]	Total BTUH [kW] Power	16.1 [4.7] 2.2	15.8 [4.6] 2.3	15.6 [4.6] 2.4	14.8 [4.3] 2.5	14.6 [4.3] 2.6	14.4 [4.2] 2.7	13.5 [4.0] 2.9	13.4 [3.9] 2.9	13.2 [3.9] 3.0
	10 [-12.2]	Total BTUH [kW] Power	18.9 [5.5] 2.3	18.6 [5.5] 2.4	18.3 [5.4] 2.4	17.6 [5.2] 2.6	17.3 [5.1] 2.7	17.1 [5.0] 2.7	16.3 [4.8] 2.9	16.1 [4.7] 3.0	15.9 [4.7] 3.1
	15 [-9.4]	Total BTUH [kW] Power	21.6 [6.3] 2.4	21.3 [6.2] 2.4	21.0 [6.2] 2.5	20.4 [6.0] 2.6	20.1 [5.9] 2.7	19.8 [5.8] 2.8	19.1 [5.6] 3.0	18.8 [5.5] 3.1	18.6 [5.5] 3.1
	20 [-6.7]	Total BTUH [kW] Power	24.4 [7.2] 2.4	24.1 [7.1] 2.5	23.7 [6.9] 2.5	23.2 [6.8] 2.7	22.8 [6.7] 2.8	22.5 [6.6] 2.8	21.9 [6.4] 3.0	21.6 [6.3] 3.1	21.3 [6.2] 3.2
	25 [-3.9]	Total BTUH [kW] Power	27.2 [8.0] 2.5	26.8 [7.9] 2.5	26.5 [7.8] 2.6	26.0 [7.6] 2.8	25.6 [7.5] 2.8	25.2 [7.4] 2.9	24.7 [7.2] 3.1	24.3 [7.1] 3.2	24.0 [7.0] 3.2
	30 [-1.1]	Total BTUH [kW] Power	30.0 [8.8] 2.5	29.6 [8.7] 2.6	29.2 [8.6] 2.6	28.7 [8.4] 2.8	28.3 [8.3] 2.9	27.9 [8.2] 3.0	27.5 [8.1] 3.1	27.1 [7.9] 3.2	26.7 [7.8] 3.3
	35 [1.7]	Total BTUH [kW] Power	32.8 [9.6] 2.6	32.3 [9.5] 2.6	31.9 [9.3] 2.7	31.5 [9.2] 2.9	31.1 [9.1] 2.9	30.6 [9.0] 3.0	30.3 [8.9] 3.2	29.8 [8.7] 3.3	29.4 [8.6] 3.4
	40 [4.4]	Total BTUH [kW] Power	35.6 [10.4] 2.6	35.1 [10.3] 2.7	34.6 [10.1] 2.8	34.3 [10.1] 2.9	33.8 [9.9] 3.0	33.4 [9.8] 3.1	33.1 [9.7] 3.3	32.6 [9.6] 3.3	32.1 [9.4] 3.4
	45 [7.2]	Total BTUH [kW] Power	38.4 [11.3] 2.7	37.8 [11.1] 2.8	37.3 [10.9] 2.8	37.1 [10.9] 3.0	36.6 [10.7] 3.1	36.1 [10.6] 3.1	35.8 [10.5] 3.3	35.3 [10.3] 3.4	34.8 [10.2] 3.5
	50 [10]	Total BTUH [kW] Power	41.2 [12.1] 2.7	40.6 [11.9] 2.8	40.0 [11.7] 2.9	39.9 [11.7] 3.0	39.3 [11.5] 3.1	38.8 [11.4] 3.2	38.6 [11.3] 3.4	38.1 [11.2] 3.4	37.5 [11.0] 3.5

IDB —Indoor air dry bulb

HEATING PERFORMANCE DATA—RQPM-A043

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			1740 [821]	1425 [673]	1160 [547]	1740 [821]	1425 [673]	1160 [547]	1740 [821]	1425 [673]	1160 [547]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	12.4 [3.6] 2.3	12.2 [3.6] 2.3	12.1 [3.5] 2.4	11.3 [3.3] 2.5	11.1 [3.3] 2.6	11.0 [3.2] 2.7	10.2 [3.0] 2.9	10.0 [2.9] 3.0	9.9 [2.9] 3.0
	5 [-15]	Total BTUH [kW] Power	15.5 [4.5] 2.3	15.2 [4.5] 2.4	15.0 [4.4] 2.4	14.3 [4.2] 2.6	14.1 [4.1] 2.7	13.9 [4.1] 2.7	13.2 [3.9] 2.9	13.0 [3.8] 3.0	12.8 [3.8] 3.1
	10 [-12.2]	Total BTUH [kW] Power	18.5 [5.4] 2.4	18.2 [5.3] 2.4	18.0 [5.3] 2.5	17.4 [5.1] 2.6	17.1 [5.0] 2.7	16.9 [5.0] 2.8	16.2 [4.7] 3.0	16.0 [4.7] 3.1	15.8 [4.6] 3.1
	15 [-9.4]	Total BTUH [kW] Power	21.5 [6.3] 2.4	21.2 [6.2] 2.5	20.9 [6.1] 2.5	20.4 [6.0] 2.7	20.1 [5.9] 2.8	19.8 [5.8] 2.8	19.3 [5.7] 3.0	19.0 [5.6] 3.1	18.7 [5.5] 3.2
	20 [-6.7]	Total BTUH [kW] Power	24.6 [7.2] 2.5	24.2 [7.1] 2.5	23.9 [7.0] 2.6	23.4 [6.9] 2.7	23.1 [6.8] 2.8	22.8 [6.7] 2.9	22.3 [6.5] 3.1	22.0 [6.4] 3.2	21.7 [6.4] 3.3
	25 [-3.9]	Total BTUH [kW] Power	27.6 [8.1] 2.5	27.2 [8.0] 2.6	26.8 [7.9] 2.6	26.5 [7.8] 2.8	26.1 [7.6] 2.9	25.7 [7.5] 2.9	25.3 [7.4] 3.1	24.9 [7.3] 3.2	24.6 [7.2] 3.3
	30 [-1.1]	Total BTUH [kW] Power	30.6 [9.0] 2.6	30.2 [8.9] 2.6	29.8 [8.7] 2.7	29.5 [8.6] 2.9	29.0 [8.5] 2.9	28.7 [8.4] 3.0	28.4 [8.3] 3.2	27.9 [8.2] 3.3	27.6 [8.1] 3.4
	35 [1.7]	Total BTUH [kW] Power	33.7 [9.9] 2.6	33.1 [9.7] 2.7	32.7 [9.6] 2.8	32.5 [9.5] 2.9	32.0 [9.4] 3.0	31.6 [9.3] 3.1	31.4 [9.2] 3.2	30.9 [9.1] 3.3	30.5 [8.9] 3.4
	40 [4.4]	Total BTUH [kW] Power	36.7 [10.8] 2.7	36.1 [10.6] 2.7	35.6 [10.4] 2.8	35.6 [10.4] 3.0	35.0 [10.3] 3.0	34.5 [10.1] 3.1	34.4 [10.1] 3.3	33.9 [9.9] 3.4	33.4 [9.8] 3.5
	45 [7.2]	Total BTUH [kW] Power	39.7 [11.6] 2.7	39.1 [11.5] 2.8	38.6 [11.3] 2.9	38.6 [11.3] 3.0	38.0 [11.1] 3.1	37.5 [11.0] 3.2	37.5 [11.0] 3.4	36.9 [10.8] 3.4	36.4 [10.7] 3.5
	50 [10]	Total BTUH [kW] Power	42.8 [12.5] 2.8	42.1 [12.3] 2.9	41.5 [12.2] 2.9	41.6 [12.2] 3.1	41.0 [12.0] 3.1	40.4 [11.8] 3.2	40.5 [11.9] 3.4	39.9 [11.7] 3.5	39.3 [11.5] 3.6

IDB —Indoor air dry bulb

[] Designates Metric Conversions



HEATING PERFORMANCE DATA—RQPM-A048

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			1860 [878]	1550 [732]	1240 [585]	1860 [878]	1550 [732]	1240 [585]	1860 [878]	1550 [732]	1240 [585]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	11.9 [3.5] 2.1	11.7 [3.4] 2.2	11.5 [3.4] 2.2	10.5 [3.1] 2.4	10.4 [3.0] 2.5	10.2 [3.0] 2.6	9.1 [2.7] 2.8	9.0 [2.6] 2.9	8.9 [2.6] 2.9
	5 [-15]	Total BTUH [kW] Power	15.2 [4.5] 2.2	15.0 [4.4] 2.2	14.7 [4.3] 2.3	13.8 [4.0] 2.5	13.6 [4.0] 2.6	13.4 [3.9] 2.6	12.5 [3.7] 2.9	12.3 [3.6] 2.9	12.1 [3.5] 3.0
	10 [-12.2]	Total BTUH [kW] Power	18.5 [5.4] 2.2	18.2 [5.3] 2.3	18.0 [5.3] 2.3	17.1 [5.0] 2.6	16.9 [5.0] 2.6	16.6 [4.9] 2.7	15.8 [4.6] 2.9	15.5 [4.5] 3.0	15.3 [4.5] 3.1
	15 [-9.4]	Total BTUH [kW] Power	21.8 [6.4] 2.3	21.5 [6.3] 2.3	21.2 [6.2] 2.4	20.4 [6.0] 2.6	20.1 [5.9] 2.7	19.9 [5.8] 2.7	19.1 [5.6] 3.0	18.8 [5.5] 3.1	18.5 [5.4] 3.1
	20 [-6.7]	Total BTUH [kW] Power	25.1 [7.4] 2.3	24.7 [7.2] 2.4	24.4 [7.2] 2.5	23.7 [6.9] 2.7	23.4 [6.9] 2.7	23.1 [6.8] 2.8	22.4 [6.6] 3.0	22.1 [6.5] 3.1	21.8 [6.4] 3.2
	25 [-3.9]	Total BTUH [kW] Power	28.4 [8.3] 2.4	28.0 [8.2] 2.5	27.6 [8.1] 2.5	27.1 [7.9] 2.7	26.7 [7.8] 2.8	26.3 [7.7] 2.9	25.7 [7.5] 3.1	25.3 [7.4] 3.2	25.0 [7.3] 3.3
	30 [-1.1]	Total BTUH [kW] Power	31.7 [9.3] 2.5	31.3 [9.2] 2.5	30.8 [9.0] 2.6	30.4 [8.9] 2.8	29.9 [8.8] 2.9	29.5 [8.6] 2.9	29.0 [8.5] 3.2	28.6 [8.4] 3.2	28.2 [8.3] 3.3
	35 [1.7]	Total BTUH [kW] Power	35.0 [10.3] 2.5	34.5 [10.1] 2.6	34.0 [10.0] 2.7	33.7 [9.9] 2.9	33.2 [9.7] 2.9	32.7 [9.6] 3.0	32.3 [9.5] 3.2	31.9 [9.3] 3.3	31.4 [9.2] 3.4
	40 [4.4]	Total BTUH [kW] Power	38.3 [11.2] 2.6	37.8 [11.1] 2.7	37.3 [10.9] 2.7	37.0 [10.8] 2.9	36.5 [10.7] 3.0	36.0 [10.6] 3.1	35.6 [10.4] 3.3	35.1 [10.3] 3.4	34.6 [10.1] 3.5
	45 [7.2]	Total BTUH [kW] Power	41.7 [12.2] 2.6	41.1 [12.0] 2.7	40.5 [11.9] 2.8	40.3 [11.8] 3.0	39.7 [11.6] 3.1	39.2 [11.5] 3.1	39.0 [11.4] 3.3	38.4 [11.3] 3.4	37.9 [11.1] 3.5
	50 [10]	Total BTUH [kW] Power	45.0 [13.2] 2.7	44.3 [13.0] 2.8	43.7 [12.8] 2.8	43.6 [12.8] 3.0	43.0 [12.6] 3.1	42.4 [12.4] 3.2	42.3 [12.4] 3.4	41.7 [12.2] 3.5	41.1 [12.0] 3.6

IDB —Indoor air dry bulb

HEATING PERFORMANCE DATA—RQPM-A049

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			1860 [878]	1525 [720]	1240 [585]	1860 [878]	1525 [720]	1240 [585]	1860 [878]	1525 [720]	1240 [585]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	10.4 [3.0] 2.1	10.2 [3.0] 2.2	10.1 [3.0] 2.2	9.4 [2.8] 2.5	9.3 [2.7] 2.5	9.2 [2.7] 2.6	8.5 [2.5] 2.8	8.4 [2.5] 2.8	8.3 [2.4] 2.9
	5 [-15]	Total BTUH [kW] Power	13.8 [4.0] 2.2	13.6 [4.0] 2.3	13.4 [3.9] 2.3	12.9 [3.8] 2.5	12.7 [3.7] 2.6	12.5 [3.7] 2.7	11.9 [3.5] 2.8	11.8 [3.5] 2.9	11.6 [3.4] 3.0
	10 [-12.2]	Total BTUH [kW] Power	17.2 [5.0] 2.3	17.0 [5.0] 2.3	16.7 [4.9] 2.4	16.3 [4.8] 2.6	16.0 [4.7] 2.7	15.8 [4.6] 2.7	15.4 [4.5] 2.9	15.1 [4.4] 3.0	14.9 [4.4] 3.0
	15 [-9.4]	Total BTUH [kW] Power	20.6 [6.0] 2.3	20.3 [5.9] 2.4	20.1 [5.9] 2.4	19.7 [5.8] 2.7	19.4 [5.7] 2.7	19.2 [5.6] 2.8	18.8 [5.5] 3.0	18.5 [5.4] 3.0	18.3 [5.4] 3.1
	20 [-6.7]	Total BTUH [kW] Power	24.1 [7.1] 2.4	23.7 [6.9] 2.5	23.4 [6.9] 2.5	23.2 [6.8] 2.7	22.8 [6.7] 2.8	22.5 [6.6] 2.9	22.2 [6.5] 3.0	21.9 [6.4] 3.1	21.6 [6.3] 3.2
	25 [-3.9]	Total BTUH [kW] Power	27.5 [8.1] 2.5	27.1 [7.9] 2.5	26.7 [7.8] 2.6	26.6 [7.8] 2.8	26.2 [7.7] 2.9	25.8 [7.6] 2.9	25.7 [7.5] 3.1	25.3 [7.4] 3.2	24.9 [7.3] 3.2
	30 [-1.1]	Total BTUH [kW] Power	30.9 [9.1] 2.5	30.5 [8.9] 2.6	30.1 [8.8] 2.7	30.0 [8.8] 2.9	29.6 [8.7] 2.9	29.2 [8.6] 3.0	29.1 [8.5] 3.2	28.6 [8.4] 3.2	28.3 [8.3] 3.3
	35 [1.7]	Total BTUH [kW] Power	34.4 [10.1] 2.6	33.8 [9.9] 2.7	33.4 [9.8] 2.7	33.4 [9.8] 2.9	32.9 [9.6] 3.0	32.5 [9.5] 3.1	32.5 [9.5] 3.2	32.0 [9.4] 3.3	31.6 [9.3] 3.4
	40 [4.4]	Total BTUH [kW] Power	37.8 [11.1] 2.6	37.2 [10.9] 2.7	36.7 [10.8] 2.8	36.9 [10.8] 3.0	36.3 [10.6] 3.1	35.8 [10.5] 3.2	36.0 [10.6] 3.3	35.4 [10.4] 3.4	34.9 [10.2] 3.5
	45 [7.2]	Total BTUH [kW] Power	41.2 [12.1] 2.7	40.6 [11.9] 2.8	40.0 [11.7] 2.9	40.3 [11.8] 3.1	39.7 [11.6] 3.1	39.2 [11.5] 3.2	39.4 [11.5] 3.3	38.8 [11.4] 3.4	38.3 [11.2] 3.5
	50 [10]	Total BTUH [kW] Power	44.7 [13.1] 2.8	44.0 [12.9] 2.9	43.4 [12.7] 2.9	43.7 [12.8] 3.1	43.1 [12.6] 3.2	42.5 [12.5] 3.3	42.8 [12.5] 3.4	42.1 [12.3] 3.5	41.6 [12.2] 3.6

IDB —Indoor air dry bulb

[] Designates Metric Conversions



Air

Gross Systems Performance Data
RQPM Series

HEATING PERFORMANCE DATA—RQPM-A060

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			2280 [1076]	1900 [897]	1520 [717]	2280 [1076]	1900 [897]	1520 [717]	2280 [1076]	1900 [897]	1520 [717]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	22.6 [6.6] 2.8	22.3 [6.5] 2.9	22.0 [6.4] 3.0	21.4 [6.3] 3.3	21.1 [6.2] 3.4	20.8 [6.1] 3.5	20.1 [5.9] 3.8	19.8 [5.8] 3.9	19.5 [5.7] 4.0
	5 [-15]	Total BTUH [kW] Power	26.6 [7.8] 2.9	26.2 [7.7] 3.0	25.8 [7.6] 3.1	25.3 [7.4] 3.4	25.0 [7.3] 3.5	24.6 [7.2] 3.6	24.1 [7.1] 3.9	23.7 [6.9] 4.0	23.4 [6.9] 4.1
	10 [-12.2]	Total BTUH [kW] Power	30.6 [9.0] 3.0	30.1 [8.8] 3.1	29.7 [8.7] 3.1	29.3 [8.6] 3.5	28.9 [8.5] 3.6	28.5 [8.4] 3.7	28.0 [8.2] 4.0	27.6 [8.1] 4.1	27.2 [8.0] 4.2
	15 [-9.4]	Total BTUH [kW] Power	34.5 [10.1] 3.1	34.0 [10.0] 3.1	33.5 [9.8] 3.2	33.3 [9.8] 3.6	32.8 [9.6] 3.7	32.3 [9.5] 3.7	32.0 [9.4] 4.1	31.5 [9.2] 4.2	31.1 [9.1] 4.3
	20 [-6.7]	Total BTUH [kW] Power	38.5 [11.3] 3.1	37.9 [11.1] 3.2	37.4 [11.0] 3.3	37.2 [10.9] 3.6	36.7 [10.8] 3.7	36.2 [10.6] 3.8	36.0 [10.6] 4.2	35.4 [10.4] 4.3	34.9 [10.2] 4.4
	25 [-3.9]	Total BTUH [kW] Power	42.4 [12.4] 3.2	41.8 [12.3] 3.3	41.2 [12.1] 3.4	41.2 [12.1] 3.7	40.6 [11.9] 3.8	40.0 [11.7] 3.9	39.9 [11.7] 4.3	39.4 [11.5] 4.4	38.8 [11.4] 4.5
	30 [-1.1]	Total BTUH [kW] Power	46.4 [13.6] 3.3	45.8 [13.4] 3.4	45.1 [13.2] 3.5	45.1 [13.2] 3.8	44.5 [13.0] 3.9	43.9 [12.9] 4.0	43.9 [12.9] 4.3	43.3 [12.7] 4.4	42.6 [12.5] 4.6
	35 [1.7]	Total BTUH [kW] Power	50.4 [14.8] 3.4	49.7 [14.6] 3.5	48.9 [14.3] 3.6	49.1 [14.4] 3.9	48.4 [14.2] 4.0	47.7 [14.0] 4.1	47.8 [14.0] 4.4	47.2 [13.8] 4.5	46.5 [13.6] 4.6
	40 [4.4]	Total BTUH [kW] Power	54.3 [15.9] 3.5	53.6 [15.7] 3.6	52.8 [15.5] 3.7	53.1 [15.6] 4.0	52.3 [15.3] 4.1	51.6 [15.1] 4.2	51.8 [15.2] 4.5	51.1 [15.0] 4.6	50.4 [14.8] 4.7
	45 [7.2]	Total BTUH [kW] Power	58.3 [17.1] 3.6	57.5 [16.9] 3.6	56.7 [16.6] 3.7	57.0 [16.7] 4.0	56.2 [16.5] 4.2	55.4 [16.2] 4.3	55.8 [16.4] 4.6	55.0 [16.1] 4.7	54.2 [15.9] 4.8
	50 [10]	Total BTUH [kW] Power	62.3 [18.3] 3.6	61.4 [18.0] 3.7	60.5 [17.7] 3.8	61.0 [17.9] 4.1	60.1 [17.6] 4.2	59.3 [17.4] 4.3	59.7 [17.5] 4.7	58.9 [17.3] 4.8	58.1 [17.0] 4.9

IDB —Indoor air dry bulb

[] Designates Metric Conversions



HEATING PERFORMANCE DATA—RQRM-A024JK

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			1200 [566]	900 [453]	800 [378]	1200 [566]	900 [453]	800 [378]	1200 [566]	900 [453]	800 [378]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	7.2 [2.1] 1.2	7.0 [2.1] 1.3	7.0 [2.1] 1.3	6.2 [1.8] 1.4	6.1 [1.8] 1.4	6.0 [1.8] 1.5	5.2 [1.5] 1.5	5.1 [1.5] 1.6	5.1 [1.5] 1.6
	5 [-15]	Total BTUH [kW] Power	9.1 [2.7] 1.3	8.9 [2.6] 1.3	8.8 [2.6] 1.3	8.1 [2.4] 1.4	7.9 [2.3] 1.5	7.9 [2.3] 1.5	7.1 [2.1] 1.6	6.9 [2.0] 1.6	6.9 [2.0] 1.7
	10 [-12.2]	Total BTUH [kW] Power	11.0 [3.2] 1.3	10.7 [3.1] 1.3	10.7 [3.1] 1.4	10.0 [2.9] 1.4	9.8 [2.9] 1.5	9.7 [2.8] 1.5	9.0 [2.6] 1.6	8.8 [2.6] 1.7	8.7 [2.5] 1.7
	15 [-9.4]	Total BTUH [kW] Power	12.9 [3.8] 1.3	12.6 [3.7] 1.4	12.5 [3.7] 1.4	11.9 [3.5] 1.5	11.6 [3.4] 1.5	11.5 [3.4] 1.5	10.9 [3.2] 1.6	10.7 [3.1] 1.7	10.6 [3.1] 1.7
	20 [-6.7]	Total BTUH [kW] Power	14.8 [4.3] 1.3	14.4 [4.2] 1.4	14.3 [4.2] 1.4	13.8 [4.0] 1.5	13.5 [4.0] 1.5	13.4 [3.9] 1.6	12.8 [3.8] 1.6	12.5 [3.7] 1.7	12.4 [3.6] 1.7
	25 [-3.9]	Total BTUH [kW] Power	16.7 [4.9] 1.4	16.3 [4.8] 1.4	16.2 [4.7] 1.5	15.7 [4.6] 1.5	15.3 [4.5] 1.6	15.2 [4.5] 1.6	14.7 [4.3] 1.7	14.4 [4.2] 1.7	14.2 [4.2] 1.8
	30 [-1.1]	Total BTUH [kW] Power	18.6 [5.5] 1.4	18.2 [5.3] 1.5	18.0 [5.3] 1.5	17.6 [5.2] 1.5	17.2 [5.0] 1.6	17.0 [5.0] 1.6	16.6 [4.9] 1.7	16.2 [4.7] 1.8	16.1 [4.7] 1.8
	35 [1.7]	Total BTUH [kW] Power	20.5 [6.0] 1.4	20.0 [5.9] 1.5	19.9 [5.8] 1.5	19.5 [5.7] 1.6	19.0 [5.6] 1.6	18.9 [5.5] 1.7	18.5 [5.4] 1.7	18.1 [5.3] 1.8	17.9 [5.2] 1.8
	40 [4.4]	Total BTUH [kW] Power	22.4 [6.6] 1.5	21.9 [6.4] 1.5	21.7 [6.4] 1.5	21.4 [6.3] 1.6	20.9 [6.1] 1.7	20.7 [6.1] 1.7	20.4 [6.0] 1.7	19.9 [5.8] 1.8	19.8 [5.8] 1.9
	45 [7.2]	Total BTUH [kW] Power	24.3 [7.1] 1.5	23.7 [6.9] 1.5	23.5 [6.9] 1.6	23.3 [6.8] 1.6	22.7 [6.7] 1.7	22.6 [6.6] 1.7	22.3 [6.5] 1.8	21.8 [6.4] 1.9	21.6 [6.3] 1.9
	50 [10]	Total BTUH [kW] Power	26.2 [7.7] 1.5	25.6 [7.5] 1.6	25.4 [7.4] 1.6	25.2 [7.4] 1.6	24.6 [7.2] 1.7	24.4 [7.2] 1.7	24.2 [7.1] 1.8	23.6 [6.9] 1.9	23.4 [6.9] 1.9

IDB —Indoor air dry bulb

HEATING PERFORMANCE DATA—RQRM-A030JK

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			1200 [566]	1000 [472]	800 [378]	1200 [566]	1000 [472]	800 [378]	1200 [566]	1000 [472]	800 [378]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	9.3 [2.7] 1.5	9.2 [2.7] 1.5	9.0 [2.6] 1.6	8.4 [2.5] 1.6	8.3 [2.4] 1.7	8.2 [2.4] 1.7	7.5 [2.2] 1.9	7.4 [2.2] 1.9	7.3 [2.1] 2.0
	5 [-15]	Total BTUH [kW] Power	11.5 [3.4] 1.5	11.3 [3.3] 1.6	11.1 [3.3] 1.6	10.6 [3.1] 1.7	10.4 [3.0] 1.7	10.3 [3.0] 1.8	9.7 [2.8] 1.9	9.5 [2.8] 2.0	9.4 [2.8] 2.0
	10 [-12.2]	Total BTUH [kW] Power	13.6 [4.0] 1.6	13.4 [3.9] 1.6	13.2 [3.9] 1.6	12.7 [3.7] 1.7	12.6 [3.7] 1.7	12.4 [3.6] 1.8	11.8 [3.5] 1.9	11.7 [3.4] 2.0	11.5 [3.4] 2.0
	15 [-9.4]	Total BTUH [kW] Power	15.8 [4.6] 1.6	15.6 [4.6] 1.6	15.4 [4.5] 1.7	14.9 [4.4] 1.7	14.7 [4.3] 1.8	14.5 [4.2] 1.8	14.0 [4.1] 2.0	13.8 [4.0] 2.0	13.6 [4.0] 2.1
	20 [-6.7]	Total BTUH [kW] Power	18.0 [5.3] 1.6	17.7 [5.2] 1.7	17.5 [5.1] 1.7	17.1 [5.0] 1.8	16.8 [4.9] 1.8	16.6 [4.9] 1.9	16.2 [4.7] 2.0	15.9 [4.7] 2.1	15.7 [4.6] 2.1
	25 [-3.9]	Total BTUH [kW] Power	20.1 [5.9] 1.7	19.9 [5.8] 1.7	19.6 [5.7] 1.7	19.2 [5.6] 1.8	19.0 [5.6] 1.8	18.7 [5.5] 1.9	18.3 [5.4] 2.0	18.1 [5.3] 2.1	17.8 [5.2] 2.2
	30 [-1.1]	Total BTUH [kW] Power	22.3 [6.5] 1.7	22.0 [6.4] 1.7	21.7 [6.4] 1.8	21.4 [6.3] 1.8	21.1 [6.2] 1.9	20.8 [6.1] 1.9	20.5 [6.0] 2.1	20.2 [5.9] 2.1	19.9 [5.8] 2.2
	35 [1.7]	Total BTUH [kW] Power	24.5 [7.2] 1.7	24.1 [7.1] 1.8	23.8 [7.0] 1.8	23.6 [6.9] 1.9	23.3 [6.8] 1.9	22.9 [6.7] 2.0	22.7 [6.7] 2.1	22.4 [6.6] 2.2	22.0 [6.4] 2.2
	40 [4.4]	Total BTUH [kW] Power	26.6 [7.8] 1.8	26.3 [7.7] 1.8	25.9 [7.6] 1.8	25.8 [7.6] 1.9	25.4 [7.4] 1.9	25.0 [7.3] 2.0	24.9 [7.3] 2.1	24.5 [7.2] 2.2	24.2 [7.1] 2.3
	45 [7.2]	Total BTUH [kW] Power	28.8 [8.4] 1.8	28.4 [8.3] 1.8	28.0 [8.2] 1.9	27.9 [8.2] 1.9	27.5 [8.1] 2.0	27.1 [7.9] 2.0	27.0 [7.9] 2.2	26.6 [7.8] 2.2	26.3 [7.7] 2.3
	50 [10]	Total BTUH [kW] Power	31.0 [9.1] 1.8	30.6 [9.0] 1.9	30.1 [8.8] 1.9	30.1 [8.8] 2.0	29.7 [8.7] 2.0	29.2 [8.6] 2.1	29.2 [8.6] 2.2	28.8 [8.4] 2.3	28.4 [8.3] 2.3

IDB —Indoor air dry bulb

[] Designates Metric Conversions



Air

Gross Systems Performance Data
RQRM Series

HEATING PERFORMANCE DATA—RQRM-A036JK

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			1440 [680]	1200 [566]	960 [453]	1440 [680]	1200 [566]	960 [453]	1440 [680]	1200 [566]	960 [453]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	11.0 [3.2] 1.7	10.9 [3.2] 1.8	10.7 [3.1] 1.8	10.0 [2.9] 1.9	9.8 [2.9] 2.0	9.7 [2.8] 2.0	9.0 [2.6] 2.3	8.8 [2.6] 2.4	8.7 [2.5] 2.5
	5 [-15]	Total BTUH [kW] Power	13.5 [4.0] 1.8	13.3 [3.9] 1.8	13.1 [3.8] 1.9	12.4 [3.6] 2.0	12.3 [3.6] 2.0	12.1 [3.5] 2.1	11.4 [3.3] 2.4	11.2 [3.3] 2.4	11.1 [3.3] 2.5
	10 [-12.2]	Total BTUH [kW] Power	15.9 [4.7] 1.8	15.7 [4.6] 1.9	15.5 [4.5] 1.9	14.9 [4.4] 2.0	14.7 [4.3] 2.1	14.5 [4.2] 2.2	13.9 [4.1] 2.4	13.7 [4.0] 2.5	13.5 [4.0] 2.6
	15 [-9.4]	Total BTUH [kW] Power	18.4 [5.4] 1.9	18.1 [5.3] 1.9	17.9 [5.2] 2.0	17.4 [5.1] 2.1	17.1 [5.0] 2.1	16.9 [5.0] 2.2	16.3 [4.8] 2.5	16.1 [4.7] 2.5	15.9 [4.7] 2.6
	20 [-6.7]	Total BTUH [kW] Power	20.9 [6.1] 1.9	20.6 [6.0] 2.0	20.3 [5.9] 2.0	19.8 [5.8] 2.1	19.5 [5.7] 2.2	19.3 [5.7] 2.3	18.8 [5.5] 2.5	18.5 [5.4] 2.6	18.3 [5.4] 2.7
	25 [-3.9]	Total BTUH [kW] Power	23.3 [6.8] 2.0	23.0 [6.7] 2.0	22.7 [6.7] 2.1	22.3 [6.5] 2.2	22.0 [6.4] 2.2	21.7 [6.4] 2.3	21.2 [6.2] 2.6	20.9 [6.1] 2.6	20.6 [6.0] 2.7
	30 [-1.1]	Total BTUH [kW] Power	25.8 [7.6] 2.0	25.4 [7.4] 2.1	25.1 [7.4] 2.1	24.7 [7.2] 2.2	24.4 [7.2] 2.3	24.0 [7.0] 2.4	23.7 [6.9] 2.6	23.4 [6.9] 2.7	23.0 [6.7] 2.8
	35 [1.7]	Total BTUH [kW] Power	28.2 [8.3] 2.1	27.8 [8.1] 2.1	27.4 [8.0] 2.2	27.2 [8.0] 2.3	26.8 [7.9] 2.3	26.4 [7.7] 2.4	26.2 [7.7] 2.7	25.8 [7.6] 2.7	25.4 [7.4] 2.8
	40 [4.4]	Total BTUH [kW] Power	30.7 [9.0] 2.1	30.3 [8.9] 2.2	29.8 [8.7] 2.2	29.7 [8.7] 2.3	29.2 [8.6] 2.4	28.8 [8.4] 2.5	28.6 [8.4] 2.7	28.2 [8.3] 2.8	27.8 [8.1] 2.9
	45 [7.2]	Total BTUH [kW] Power	33.2 [9.7] 2.2	32.7 [9.6] 2.2	32.2 [9.4] 2.3	32.1 [9.4] 2.4	31.7 [9.3] 2.4	31.2 [9.1] 2.5	31.1 [9.1] 2.8	30.6 [9.0] 2.8	30.2 [8.9] 2.9
	50 [10]	Total BTUH [kW] Power	35.6 [10.4] 2.2	35.1 [10.3] 2.3	34.6 [10.1] 2.3	34.6 [10.1] 2.4	34.1 [10.0] 2.5	33.6 [9.8] 2.6	33.5 [9.8] 2.8	33.1 [9.7] 2.9	32.6 [9.6] 3.0

IDB —Indoor air dry bulb

HEATING PERFORMANCE DATA—RQRM-A042JK

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			1860 [878]	1425 [673]	1240 [585]	1860 [878]	1425 [673]	1240 [585]	1860 [878]	1425 [673]	1240 [585]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	12.9 [3.8] 2.0	12.6 [3.7] 2.0	12.5 [3.7] 2.1	11.7 [3.4] 2.2	11.5 [3.4] 2.3	11.4 [3.3] 2.3	10.6 [3.1] 2.5	10.3 [3.0] 2.6	10.3 [3.0] 2.6
	5 [-15]	Total BTUH [kW] Power	15.8 [4.6] 2.0	15.5 [4.5] 2.1	15.3 [4.5] 2.1	14.7 [4.3] 2.2	14.4 [4.2] 2.3	14.2 [4.2] 2.4	13.5 [4.0] 2.5	13.2 [3.9] 2.6	13.1 [3.8] 2.7
	10 [-12.2]	Total BTUH [kW] Power	18.8 [5.5] 2.0	18.4 [5.4] 2.1	18.2 [5.3] 2.2	17.6 [5.2] 2.3	17.3 [5.1] 2.4	17.1 [5.0] 2.4	16.5 [4.8] 2.6	16.1 [4.7] 2.7	16.0 [4.7] 2.7
	15 [-9.4]	Total BTUH [kW] Power	21.7 [6.4] 2.1	21.3 [6.2] 2.2	21.1 [6.2] 2.2	20.6 [6.0] 2.3	20.2 [5.9] 2.4	20.0 [5.9] 2.4	19.5 [5.7] 2.6	19.0 [5.6] 2.7	18.9 [5.5] 2.7
	20 [-6.7]	Total BTUH [kW] Power	24.7 [7.2] 2.1	24.2 [7.1] 2.2	23.9 [7.0] 2.2	23.6 [6.9] 2.3	23.1 [6.8] 2.4	22.8 [6.7] 2.5	22.4 [6.6] 2.6	21.9 [6.4] 2.7	21.7 [6.4] 2.8
	25 [-3.9]	Total BTUH [kW] Power	27.7 [8.1] 2.2	27.1 [7.9] 2.2	26.8 [7.9] 2.3	26.5 [7.8] 2.4	26.0 [7.6] 2.5	25.7 [7.5] 2.5	25.4 [7.4] 2.7	24.8 [7.3] 2.8	24.6 [7.2] 2.8
	30 [-1.1]	Total BTUH [kW] Power	30.6 [9.0] 2.2	30.0 [8.8] 2.3	29.7 [8.7] 2.3	29.5 [8.6] 2.4	28.9 [8.5] 2.5	28.6 [8.4] 2.6	28.3 [8.3] 2.7	27.7 [8.1] 2.8	27.5 [8.1] 2.9
	35 [1.7]	Total BTUH [kW] Power	33.6 [9.8] 2.2	32.9 [9.6] 2.3	32.6 [9.6] 2.4	32.4 [9.5] 2.5	31.8 [9.3] 2.6	31.5 [9.2] 2.6	31.3 [9.2] 2.7	30.6 [9.0] 2.9	30.3 [8.9] 2.9
	40 [4.4]	Total BTUH [kW] Power	36.5 [10.7] 2.3	35.8 [10.5] 2.4	35.4 [10.4] 2.4	35.4 [10.4] 2.5	34.6 [10.1] 2.6	34.3 [10.1] 2.6	34.3 [10.1] 2.8	33.5 [9.8] 2.9	33.2 [9.7] 2.9
	45 [7.2]	Total BTUH [kW] Power	39.5 [11.6] 2.3	38.7 [11.3] 2.4	38.3 [11.2] 2.4	38.4 [11.3] 2.5	37.5 [11.0] 2.6	37.2 [10.9] 2.7	37.2 [10.9] 2.8	36.4 [10.7] 2.9	36.1 [10.6] 3.0
	50 [10]	Total BTUH [kW] Power	42.5 [12.5] 2.4	41.6 [12.2] 2.4	41.2 [12.1] 2.5	41.3 [12.1] 2.6	40.4 [11.8] 2.7	40.1 [11.8] 2.7	40.2 [11.8] 2.9	39.3 [11.5] 3.0	39.0 [11.4] 3.0

IDB —Indoor air dry bulb

[] Designates Metric Conversions



HEATING PERFORMANCE DATA—RQRM-A048JK

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			1860 [878]	1525 [720]	1240 [585]	1860 [878]	1525 [720]	1240 [585]	1860 [878]	1525 [720]	1240 [585]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	12.7 [3.7] 2.0	12.5 [3.7] 2.0	12.3 [3.6] 2.1	11.5 [3.4] 2.2	11.3 [3.3] 2.3	11.2 [3.3] 2.3	10.3 [3.0] 2.6	10.2 [3.0] 2.7	10.0 [2.9] 2.7
	5 [-15]	Total BTUH [kW] Power	16.1 [4.7] 2.0	15.8 [4.6] 2.1	15.6 [4.6] 2.1	14.9 [4.4] 2.3	14.6 [4.3] 2.3	14.4 [4.2] 2.4	13.7 [4.0] 2.6	13.5 [4.0] 2.7	13.3 [3.9] 2.8
	10 [-12.2]	Total BTUH [kW] Power	19.4 [5.7] 2.1	19.1 [5.6] 2.1	18.9 [5.5] 2.2	18.2 [5.3] 2.3	18.0 [5.3] 2.4	17.7 [5.2] 2.5	17.1 [5.0] 2.7	16.8 [4.9] 2.8	16.6 [4.9] 2.8
	15 [-9.4]	Total BTUH [kW] Power	22.8 [6.7] 2.2	22.4 [6.6] 2.2	22.1 [6.5] 2.3	21.6 [6.3] 2.4	21.3 [6.2] 2.5	21.0 [6.2] 2.5	20.4 [6.0] 2.8	20.1 [5.9] 2.8	19.8 [5.8] 2.9
	20 [-6.7]	Total BTUH [kW] Power	26.1 [7.6] 2.2	25.7 [7.5] 2.3	25.4 [7.4] 2.3	25.0 [7.3] 2.5	24.6 [7.2] 2.5	24.3 [7.1] 2.6	23.8 [7.0] 2.8	23.4 [6.9] 2.9	23.1 [6.8] 3.0
	25 [-3.9]	Total BTUH [kW] Power	29.5 [8.6] 2.3	29.1 [8.5] 2.3	28.7 [8.4] 2.4	28.3 [8.3] 2.5	27.9 [8.2] 2.6	27.5 [8.1] 2.7	27.1 [7.9] 2.9	26.7 [7.8] 3.0	26.4 [7.7] 3.0
	30 [-1.1]	Total BTUH [kW] Power	32.9 [9.6] 2.3	32.4 [9.5] 2.4	31.9 [9.3] 2.5	31.7 [9.3] 2.6	31.2 [9.1] 2.7	30.8 [9.0] 2.7	30.5 [8.9] 3.0	30.0 [8.8] 3.0	29.6 [8.7] 3.1
	35 [1.7]	Total BTUH [kW] Power	36.2 [10.6] 2.4	35.7 [10.5] 2.5	35.2 [10.3] 2.5	35.1 [10.3] 2.7	34.5 [10.1] 2.7	34.1 [10.0] 2.8	33.9 [9.9] 3.0	33.4 [9.8] 3.1	32.9 [9.6] 3.2
	40 [4.4]	Total BTUH [kW] Power	39.6 [11.6] 2.5	39.0 [11.4] 2.5	38.5 [11.3] 2.6	38.4 [11.3] 2.7	37.8 [11.1] 2.8	37.3 [10.9] 2.9	37.2 [10.9] 3.1	36.7 [10.8] 3.2	36.2 [10.6] 3.2
	45 [7.2]	Total BTUH [kW] Power	43.0 [12.6] 2.5	42.3 [12.4] 2.6	41.7 [12.2] 2.7	41.8 [12.3] 2.8	41.1 [12.0] 2.9	40.6 [11.9] 2.9	40.6 [11.9] 3.1	40.0 [11.7] 3.2	39.4 [11.5] 3.3
	50 [10]	Total BTUH [kW] Power	46.3 [13.6] 2.6	45.6 [13.4] 2.7	45.0 [13.2] 2.7	45.2 [13.2] 2.8	44.5 [13.0] 2.9	43.9 [12.9] 3.0	44.0 [12.9] 3.2	43.3 [12.7] 3.3	42.7 [12.5] 3.4

IDB —Indoor air dry bulb

HEATING PERFORMANCE DATA—RQRM-A060JK

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			1860 [878]	1900 [897]	1240 [585]	1860 [878]	1900 [897]	1240 [585]	1860 [878]	1900 [897]	1240 [585]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	18.6 [5.5] 2.6	18.6 [5.5] 2.6	18.2 [5.3] 2.7	17.5 [5.1] 3.0	17.5 [5.1] 3.0	17.1 [5.0] 3.1	16.3 [4.8] 3.4	16.3 [4.8] 3.4	15.9 [4.7] 3.5
	5 [-15]	Total BTUH [kW] Power	22.4 [6.6] 2.7	22.5 [6.6] 2.7	21.9 [6.4] 2.8	21.3 [6.2] 3.1	21.3 [6.2] 3.1	20.8 [6.1] 3.2	20.1 [5.9] 3.5	20.2 [5.9] 3.5	19.7 [5.8] 3.6
	10 [-12.2]	Total BTUH [kW] Power	26.3 [7.7] 2.8	26.3 [7.7] 2.8	25.7 [7.5] 2.9	25.1 [7.4] 3.2	25.2 [7.4] 3.2	24.5 [7.2] 3.3	24.0 [7.0] 3.6	24.0 [7.0] 3.6	23.4 [6.9] 3.7
	15 [-9.4]	Total BTUH [kW] Power	30.1 [8.8] 2.9	30.1 [8.8] 2.9	29.4 [8.6] 3.0	29.0 [8.5] 3.3	29.0 [8.5] 3.3	28.3 [8.3] 3.4	27.8 [8.1] 3.7	27.8 [8.1] 3.6	27.1 [7.9] 3.8
	20 [-6.7]	Total BTUH [kW] Power	33.9 [9.9] 3.0	34.0 [10.0] 3.0	33.1 [9.7] 3.1	32.8 [9.6] 3.4	32.8 [9.6] 3.4	32.0 [9.4] 3.5	31.6 [9.3] 3.7	31.7 [9.3] 3.7	30.9 [9.1] 3.9
	25 [-3.9]	Total BTUH [kW] Power	37.8 [11.1] 3.1	37.8 [11.1] 3.1	36.9 [10.8] 3.2	36.6 [10.7] 3.4	36.7 [10.8] 3.4	35.8 [10.5] 3.6	35.5 [10.4] 3.8	35.5 [10.4] 3.8	34.6 [10.1] 4.0
	30 [-1.1]	Total BTUH [kW] Power	41.6 [12.2] 3.2	41.7 [12.2] 3.2	40.6 [11.9] 3.3	40.4 [11.8] 3.5	40.5 [11.9] 3.5	39.5 [11.6] 3.7	39.3 [11.5] 3.9	39.3 [11.5] 3.9	38.4 [11.3] 4.1
	35 [1.7]	Total BTUH [kW] Power	45.4 [13.3] 3.3	45.5 [13.3] 3.2	44.4 [13.0] 3.4	44.3 [13.0] 3.6	44.3 [13.0] 3.6	43.2 [12.7] 4.0	43.1 [12.6] 4.0	43.2 [12.7] 4.0	42.1 [12.3] 4.2
	40 [4.4]	Total BTUH [kW] Power	49.2 [14.4] 3.3	49.3 [14.4] 3.3	48.1 [14.1] 3.5	48.1 [14.1] 3.7	48.2 [14.1] 3.7	47.0 [13.8] 3.9	46.9 [13.7] 4.1	47.0 [13.8] 4.1	45.8 [13.4] 4.3
	45 [7.2]	Total BTUH [kW] Power	53.1 [15.6] 3.4	53.2 [15.6] 3.4	51.8 [15.2] 3.6	51.9 [15.2] 3.8	52.0 [15.2] 3.8	50.7 [14.9] 4.0	50.8 [14.9] 4.2	50.8 [14.9] 4.2	49.6 [14.5] 4.4
	50 [10]	Total BTUH [kW] Power	56.9 [16.7] 3.5	57.0 [16.7] 3.5	55.6 [16.3] 3.7	55.8 [16.4] 3.9	55.8 [16.4] 3.9	54.5 [16.0] 4.1	54.6 [16.0] 4.3	54.7 [16.0] 4.3	53.3 [15.6] 4.5

IDB —Indoor air dry bulb

[] Designates Metric Conversions



Air

Indoor Airflow Performance

RQPM Series

INDOOR AIRFLOW PERFORMANCE—208/230 VOLTS

Nominal Cooling Capacity Tons [kW]		Motor Speed from Factory	Manufacturer Recommended Air-Flow Range CFM		Blower Size/ Motor HP [W] # of Speed	Voltage	Motor Speed	CFM Air Delivery/RPM/Watts											
								External Static Pressure—Inches W.C. [kPa]											
			Min.	Max.				0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]		
2.0 [7.03]	Low (Tap 2) X13 (ECM Motor)	700	900	10x9 1/2 hp [373] 2 Speed	208	Low (Tap 2)	CFM	959 [453]	892 [421]	825 [389]	758 [358]	691 [326]	624 [294]	557 [263]	491 [232]	—	—		
							RPM	582	606	655	723	808	851	906	996	—	—		
							Watts	132	110	96	106	119	123	132	144	—	—		
						High (Tap 1)	CFM	1229 [580]	1170 [552]	1112 [525]	1054 [497]	996 [470]	938 [443]	879 [415]	821 [387]	763 [360]	705 [333]	—	
							RPM	607	634	698	761	815	880	946	989	1038	1091	—	
							Watts	161	145	159	173	182	196	210	220	231	237	—	
	230	Low (Tap 2)	CFM	939 [443]	877 [414]	816 [385]	754 [356]	693 [327]	631 [298]	570 [269]	508 [240]	447 [211]	—	—					
			RPM	585	601	655	744	809	860	915	1001	1043	—	—					
			Watts	131	116	97	110	121	126	136	149	152	—	—					
		High (Tap 1)	CFM	1240 [585]	1184 [559]	1127 [532]	1071 [505]	1014 [479]	958 [452]	901 [425]	845 [399]	788 [372]	732 [345]	—					
			RPM	607	634	698	761	815	880	946	989	1038	1091	—					
			Watts	161	145	159	173	182	196	210	220	231	237	—					
2.5 [8.79]	Low (Tap 2) X13 (ECM Motor)	875	1125	10x9 1/2 hp [373] 2 Speed	208	Low (Tap 2)	CFM	1162 [548]	1099 [519]	1035 [488]	972 [459]	908 [429]	844 [398]	781 [369]	717 [338]	654 [309]	590 [278]		
							RPM	603	626	690	752	815	906	941	984	1027	1096	—	
							Watts	143	124	136	148	157	175	180	188	192	202	—	
						High (Tap 1)	CFM	1306 [616]	1253 [591]	1200 [566]	1147 [541]	1095 [517]	1042 [492]	989 [467]	937 [442]	884 [417]	831 [392]	—	
							RPM	632	679	733	787	841	883	941	1035	1067	1099	—	
							Watts	174	187	201	215	227	235	248	266	273	277	—	
	230	Low (Tap 2)	CFM	1169 [552]	1109 [523]	1049 [495]	988 [466]	928 [438]	868 [410]	807 [381]	747 [353]	687 [324]	626 [295]	—					
			RPM	603	619	693	756	809	893	942	989	1034	1076	—					
			Watts	144	130	138	151	159	174	185	195	199	209	—					
		High (Tap 1)	CFM	1365 [644]	1316 [621]	1266 [597]	1217 [574]	1168 [551]	1119 [528]	1069 [505]	1020 [481]	971 [458]	922 [435]	—					
			RPM	631	677	732	784	843	894	942	1035	1077	1118	—					
			Watts	177	190	204	218	234	247	256	279	289	294	—					
3.0 [10.55]	Low (Tap 2) X13 (ECM Motor)	1050	1350	10x9 1/2 hp [373] 2 Speed	208	Low (Tap 2)	CFM	1328 [627]	1276 [602]	1223 [577]	1171 [553]	1118 [528]	1066 [503]	1013 [478]	961 [454]	—	—		
							RPM	642	693	747	803	852	903	988	1031	—	—	—	
							Watts	173	187	200	214	226	238	254	263	—	—	—	
						High (Tap 1)	CFM	1508 [712]	1459 [689]	1409 [665]	1359 [641]	1310 [618]	1260 [595]	1210 [571]	1160 [547]	1111 [524]	1061 [501]	—	
							RPM	698	738	789	839	888	933	983	1035	1103	1137	—	
							Watts	243	255	271	285	299	310	322	332	343	343	—	
	230	Low (Tap 2)	CFM	1328 [627]	1280 [604]	1231 [581]	1183 [558]	1135 [536]	1086 [513]	1038 [490]	990 [467]	941 [444]	893 [421]	—					
			RPM	648	697	752	807	857	903	989	1036	1077	1114	—					
			Watts	178	191	206	220	233	246	265	277	286	291	—					
		High (Tap 1)	CFM	1510 [713]	1464 [691]	1418 [669]	1373 [648]	1327 [626]	1281 [605]	1235 [583]	1190 [562]	1144 [540]	1098 [518]	—					
			RPM	707	743	792	841	890	933	981	1031	1114	1151	—					
			Watts	248	261	277	292	307	322	334	348	366	358	—					

[] Designates Metric Conversions



INDOOR AIRFLOW PERFORMANCE — 208/230 VOLTS

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory	Manufacturer Recommended Air-Flow Range CFM		Blower Size/ Motor HP [W] # of Speed	Voltage	Motor Speed	CFM Air Delivery/RPM/Watts										
							External Static Pressure—Inches W.C. [kPa]										
		Min.	Max.	0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]				
3.5 [12.31]	Low (Tap 2) X13 (ECM Motor)	1225	1575	11x9 3/4 hp [559] 2 Speed	208	Low (Tap 2)	CFM	1531 [726]	1477 [697]	1423 [672]	1370 [647]	1316 [621]	1262 [596]	1208 [570]	1154 [545]	1101 [520]	1047 [494]
						RPM	602	619	668	715	757	801	844	878	918	954	
						Watts	238	227	236	251	266	281	296	307	320	333	
					230	High (Tap 1)	CFM	1724 [814]	1678 [792]	1632 [770]	1586 [749]	1540 [727]	1495 [706]	1449 [684]	1403 [662]	1357 [640]	1311 [619]
						RPM	639	671	715	759	794	834	875	911	948	977	
						Watts	295	309	330	348	363	380	397	414	429	440	
4.0 [14.07]	Low (Tap 2) X13 (ECM Motor)	1400	1800	11x9 3/4 hp [559] 2 Speed	208	Low (Tap 2)	CFM	1542 [728]	1490 [703]	1438 [679]	1386 [654]	1335 [630]	1283 [606]	1231 [581]	1180 [557]	1128 [532]	1076 [508]
						RPM	598	617	662	714	758	800	849	876	913	951	
						Watts	244	231	237	254	270	285	304	313	326	340	
					230	High (Tap 1)	CFM	1740 [821]	1695 [800]	1649 [778]	1604 [757]	1558 [735]	1513 [714]	1467 [692]	1422 [671]	1376 [649]	1331 [628]
						RPM	632	665	709	749	797	833	879	917	951	981	
						Watts	295	311	331	350	371	386	409	426	440	454	
5.0 [17.6]	Low (Tap 2) X13 (ECM Motor)	1750	2250	11x9 1 hp [746] 2 Speed	208	Low (Tap 2)	CFM	1708 [806]	1658 [782]	1609 [759]	1559 [736]	1510 [713]	1460 [689]	1410 [665]	1361 [642]	1311 [619]	1262 [596]
						RPM	619	651	686	741	783	822	859	894	937	971	
						Watts	280	284	298	323	339	355	370	385	402	415	
					230	High (Tap 1)	CFM	1917 [905]	1872 [883]	1827 [862]	1782 [841]	1736 [819]	1691 [798]	1646 [777]	1601 [756]	1556 [734]	1510 [713]
						RPM	673	702	736	769	818	860	898	928	960	989	
						Watts	377	392	409	426	451	473	490	504	518	531	
					208	Low (Tap 2)	CFM	1701 [803]	1655 [781]	1609 [759]	1563 [738]	1517 [716]	1471 [694]	1425 [673]	1379 [651]	1333 [629]	1287 [607]
						RPM	624	648	696	743	787	826	863	895	934	970	
						Watts	280	287	309	328	347	363	380	392	410	426	
					230	High (Tap 1)	CFM	1921 [907]	1878 [886]	1835 [866]	1792 [846]	1749 [825]	1706 [805]	1663 [785]	1620 [765]	1577 [744]	1534 [724]
						RPM	678	706	738	776	816	865	899	932	967	994	
						Watts	385	400	416	439	458	484	501	517	537	550	
					208	Low (Tap 2)	CFM	1954 [922]	1914 [903]	1874 [884]	1833 [865]	1793 [846]	1753 [827]	1713 [808]	1673 [790]	1632 [770]	1592 [751]
						RPM	719	747	779	818	857	894	928	963	998	1038	
						Watts	439	451	469	491	512	534	553	573	590	611	
					230	High (Tap 1)	CFM	2173 [1026]	2136 [1008]	2098 [990]	2061 [973]	2024 [955]	1986 [937]	1949 [920]	1911 [902]	1874 [884]	1837 [867]
						RPM	775	803	830	860	896	928	959	988	1019	1050	
						Watts	604	622	642	663	686	706	727	745	765	784	
					230	Low (Tap 2)	CFM	1986 [937]	1945 [918]	1905 [899]	1864 [880]	1823 [860]	1782 [841]	1741 [822]	1700 [802]	1659 [783]	1618 [764]
						RPM	731	759	792	832	871	909	943	979	1014	1055	
						Watts	446	458	477	499	521	543	562	582	600	621	
						High (Tap 1)	CFM	2229 [1052]	2190 [1034]	2152 [1016]	2114 [998]	2075 [979]	2037 [961]	1999 [943]	1960 [925]	1922 [907]	1884 [889]
						RPM	795	824	851	882	919	952	983	1013	1045	1077	
						Watts	619	638	658	680	703	724	745	764	784	804	

[] Designates Metric Conversions



Air

Indoor Airflow Performance

RQRM Series

INDOOR AIRFLOW PERFORMANCE — 208/240 VOLTS

Model	Motor Speed from Factory	Recommended Airflow Range		Voltage	Motor Speed (Tap Setting)	External Static Pressure—Inches W.C. [kPa]											
		Min	Max			0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]		
RQRM-A024J	2 X13 (ECM Motor)	700	900	208	Low Speed (Tap 2)	CFM	1070 [505]	960 [453]	860 [406]	760 [359]	680 [321]	610 [288]	550 [260]	—	—	—	—
					Watts	106	105	105	108	112	118	127	—	—	—	—	
					High Speed (Tap 1)	CFM	1210 [571]	1160 [548]	1110 [524]	1050 [496]	1000 [472]	940 [444]	880 [415]	830 [392]	770 [363]	700 [330]	228
				230	Watts	134	144	154	164	174	185	196	206	217	228	—	—
					Low Speed (Tap 2)	CFM	1080 [510]	960 [453]	860 [406]	770 [363]	690 [326]	620 [293]	570 [269]	—	—	—	—
					Watts	110	108	108	110	114	120	129	—	—	—	—	—
RQRM-A030J	2 X13 (ECM Motor)	875	1125	208	High Speed (Tap 1)	CFM	1210 [571]	1160 [548]	1120 [529]	1060 [500]	1010 [477]	960 [453]	910 [430]	850 [401]	790 [373]	730 [345]	
					Watts	134	146	158	169	181	193	204	216	227	238	—	—
					Low Speed (Tap 2)	CFM	1260 [595]	1020 [481]	820 [387]	660 [312]	530 [250]	—	—	—	—	—	—
				230	Watts	161	125	101	91	93	—	—	—	—	—	—	—
					High Speed (Tap 1)	CFM	1430 [675]	1340 [632]	1260 [595]	1180 [557]	1110 [524]	1040 [491]	980 [463]	920 [434]	870 [411]	820 [387]	281
					Watts	208	208	210	214	221	229	239	251	265	281	—	—
RQRM-A036J	2 X13 (ECM Motor)	1050	1350	208	Low Speed (Tap 2)	CFM	1150 [543]	980 [463]	830 [392]	690 [326]	570 [269]	—	—	—	—	—	
					Watts	161	125	101	91	93	—	—	—	—	—	—	—
					High Speed (Tap 1)	CFM	1420 [670]	1340 [632]	1260 [595]	1190 [562]	1120 [529]	1060 [500]	1000 [472]	940 [444]	890 [420]	840 [396]	294
				230	Watts	209	210	212	217	224	233	245	259	275	294	—	—
					Low Speed (Tap 2)	CFM	1360 [642]	1240 [585]	1120 [529]	1020 [481]	930 [439]	840 [396]	770 [363]	720 [340]	—	—	—
					Watts	158	147	140	136	137	141	150	163	—	—	—	—
RQRM-A042J	2 X13 (ECM Motor)	1225	1575	208	High Speed (Tap 1)	CFM	1510 [713]	1440 [680]	1380 [651]	1320 [623]	1270 [599]	1220 [576]	1170 [552]	1120 [529]	1080 [510]	1050 [496]	
					Watts	222	226	231	239	247	258	270	284	299	316	—	—
					Low Speed (Tap 2)	CFM	1360 [642]	1240 [585]	1130 [533]	1030 [486]	940 [444]	860 [406]	790 [373]	730 [345]	—	—	—
				230	Watts	158	147	140	136	137	141	150	163	—	—	—	—
					High Speed (Tap 1)	CFM	1510 [713]	1450 [684]	1390 [656]	1330 [628]	1280 [604]	1240 [585]	1190 [562]	1150 [543]	1110 [524]	1080 [510]	1050 [496]
					Watts	210	221	232	244	256	269	282	295	309	323	—	—
RQRM-A042J	2 X13 (ECM Motor)	1225	1575	208	Low Speed (Tap 2)	CFM	1440 [680]	1390 [656]	1330 [628]	1280 [604]	1230 [581]	1190 [562]	1140 [538]	1100 [519]	1060 [500]	1020 [481]	
					Watts	209	224	239	253	267	280	293	306	319	332	—	—
					High Speed (Tap 1)	CFM	1640 [774]	1600 [755]	1550 [732]	1510 [713]	1470 [694]	1420 [670]	1380 [651]	1340 [632]	1300 [614]	1250 [590]	1200 [566]
				230	Watts	286	307	327	346	365	382	399	415	430	444	—	—
					Low Speed (Tap 2)	CFM	1440 [680]	1390 [656]	1340 [632]	1280 [604]	1240 [585]	1190 [562]	1140 [538]	1100 [519]	1060 [500]	1020 [481]	970 [457]
					Watts	215	229	243	257	272	286	301	315	330	345	—	—
RQRM-A042J	2 X13 (ECM Motor)	1225	1575	230	High Speed (Tap 1)	CFM	1640 [774]	1600 [755]	1560 [736]	1520 [717]	1480 [699]	1430 [675]	1390 [656]	1350 [637]	1310 [618]	1260 [595]	
					Watts	295	312	329	347	366	384	404	423	443	463	—	—

[] Designates Metric Conversions



INDOOR AIRFLOW PERFORMANCE — 208/240 VOLTS

Model	Motor Speed from Factory	Recommended Airflow Range		Voltage	Motor Speed (Tap Setting)	External Static Pressure—Inches W.C. [kPa]											
		Min	Max			0.1 [0.02]	0.2 [0.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	0.9 [.22]	1.0 [.25]		
RORM-A048J	2 X13 (ECM Motor)	1400	1800	208	Low Speed (Tap 2)	CFM	1600 [755]	1550 [732]	1510 [713]	1460 [689]	1420 [670]	1380 [651]	1340 [632]	1300 [614]	1260 [595]	1230 [581]	
					Watts	226	241	257	273	289	305	321	338	355	372		
					High Speed (Tap 1)	CFM	1840 [868]	1810 [854]	1770 [835]	1740 [821]	1700 [802]	1660 [784]	1620 [765]	1570 [741]	1530 [722]	1480 [699]	
				Watts	348	365	382	400	419	439	460	481	504	527			
				230	Low Speed (Tap 2)	CFM	1600 [755]	1550 [732]	1510 [713]	1470 [694]	1430 [675]	1390 [656]	1350 [637]	1310 [618]	1270 [599]	1240 [585]	
					Watts	226	241	257	273	289	305	321	338	355	372		
RORM-A060J	1 X13 (ECM Motor)	1225	1575	208	High Speed (Tap 1)	CFM	1840 [868]	1810 [854]	1780 [840]	1740 [821]	1710 [807]	1670 [788]	1630 [769]	1590 [750]	1550 [732]	1510 [713]	
					Watts	361	377	393	411	430	451	472	495	519	545		
					1st Stage Low Speed (Tap 1)	CFM	1430 [675]	1370 [647]	1310 [618]	1260 [595]	1200 [566]	1150 [543]	1100 [519]	1060 [500]	1020 [481]	980 [463]	
				Watts	200	213	225	238	251	263	276	289	302	315			
				230	1st Stage High Speed (Tap 2)	CFM	1560 [736]	1510 [713]	1470 [694]	1420 [670]	1380 [651]	1340 [632]	1290 [609]	1250 [590]	1210 [571]	1170 [552]	
					Watts	253	269	284	300	315	330	345	359	374	388		
RORM-A060J	3 X13 (ECM Motor)	1650	2200	208	2nd Stage Low Speed (Tap 3)	CFM	1710 [807]	1670 [788]	1620 [765]	1580 [746]	1530 [722]	1490 [703]	1450 [684]	1400 [661]	1360 [642]	1320 [623]	
					Watts	322	338	354	370	386	403	419	436	453	470		
					2nd Stage Med. Speed (Tap 4)	CFM	1900 [897]	1870 [883]	1830 [864]	1790 [845]	1750 [826]	1710 [807]	1670 [788]	1620 [765]	1580 [746]	1530 [722]	
				Watts	446	461	477	492	509	525	543	560	578	597			
				230	2nd Stage High Speed (Tap 5)	CFM	2100 [991]	2060 [972]	2030 [958]	1990 [939]	1950 [920]	1910 [902]	1870 [883]	1840 [868]	1800 [850]	1760 [831]	
					Watts	594	610	626	643	659	676	692	709	725	742		
RORM-A060J	1 X13 (ECM Motor)	1225	1575	230	1st Stage Low Speed (Tap 1)	CFM	1430 [675]	1370 [647]	1310 [618]	1260 [595]	1200 [566]	1160 [548]	1110 [524]	1060 [500]	1020 [481]	980 [467]	
					Watts	207	219	231	243	255	268	280	293	305	318		
					1st Stage High Speed (Tap 2)	CFM	1560 [736]	1520 [717]	1470 [694]	1430 [675]	1380 [651]	1340 [632]	1300 [614]	1260 [595]	1220 [576]	1180 [557]	
				Watts	255	272	288	305	320	335	349	363	377	390			
				230	2nd Stage Low Speed (Tap 3)	CFM	1720 [812]	1670 [788]	1630 [769]	1590 [750]	1550 [732]	1500 [708]	1460 [689]	1420 [670]	1380 [651]	1340 [632]	
					Watts	328	342	357	373	389	406	424	442	461	480		
RORM-A060J	3 X13 (ECM Motor)	1650	2200	230	2nd Stage Med. Speed (Tap 4)	CFM	1910 [902]	1870 [883]	1840 [868]	1800 [850]	1760 [831]	1720 [812]	1680 [793]	1640 [774]	1590 [750]	1550 [732]	
					Watts	452	468	484	501	518	535	553	572	590	610		
					2nd Stage High Speed (Tap 5)	CFM	2120 [1001]	2080 [982]	2050 [968]	2010 [949]	1980 [935]	1940 [916]	1900 [897]	1860 [878]	1820 [859]	1780 [840]	
				Watts	599	618	636	655	674	692	711	730	748	767			

[] Designates Metric Conversions



Air

Indoor Airflow Performance
RQRM Series



INTEGRATED AIR & WATER

ELECTRICAL DATA – RQPM SERIES

		-A024JK	-A030JK	-A036CK	-A036JK	-A037CK	-A037JK	-A042CK	-A042JK
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253
	Minimum Circuit Ampacity	23/23	21/21	19/19	27/27	19/19	27/27	26/26	36/36
	Minimum Overcurrent Protection Device Size	30/30	30/30	25/25	35/35	25/25	35/35	30/30	45/45
	Maximum Overcurrent Protection Device Size	35/35	35/35	25/25	40/40	25/25	40/40	35/35	50/50
Compressor Motor	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	3	1	3	1	3	1
	HP	2	2.5	3	3	3	3	3.5	3.5
	RPM	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	13.5/13.5	14.1/14.1	10.4/10.4	16.7/16.7	10.4/10.4	16.7/16.7	14.1/14.1	21.8/21.8
	Amps (LRA)	58.3/58.3	73/73	88/88	79/79	88/88	79/79	95/95	112/112
Condenser Motor	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA)	1.5	1.5	1.5	1.5	1.5/1.5	1.5/1.5	1.9	1.9
	Amps (LRA)	3	3	3	3	3/3	3/3	4	4
Evaporator Fan	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1	1
	HP	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4
	Amps (FLA)	4.1	4.1	4.1	4.1	4.1/4.1	4.1/4.1	6	6

ELECTRICAL DATA – RQPM SERIES

		-A043CK	-A043JK	-A048CK	-A048JK	-A049CK	-A049JK	-A060CK	-A060JK
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253
	Minimum Circuit Ampacity	25/25	31/31	26/26	36/36	26/26	36/36	32/32	43/43
	Minimum Overcurrent Protection Device Size	25/25	35/35	30/30	45/45	30/30	45/45	40/40	50/50
	Maximum Overcurrent Protection Device Size	35/35	45/45	35/35	50/50	35/35	50/50	45/45	60/60
Compressor Motor	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	3	1	3	1	3	1	3	1
	HP	3450	3450	4	4	3450	3450	4.5	4.5
	RPM	3 1/2	3 1/2	3450	3450	4	4	3450	3450
	Amps (RLA)	13.5/13.5	17.9/17.9	13.7/13.7	21.8/21.8	13.7/13.7	21.8/21.8	17.9/17.9	26.4/26.4
	Amps (LRA)	88/88	112/112	110/110	117/117	110/110	117/117	120/120	150/150
Condenser Motor	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA)	1.9/1.9	1.9/1.9	1.9	1.9	1.9/1.9	1.9/1.9	1.9	1.9
	Amps (LRA)	4/4	4/4	4	4	4/4	4/4	4	4
Evaporator Fan	No.	1	1	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1	1	1
	HP	3/4	3/4	3/4	3/4	3/4	3/4	1	1
	Amps (FLA)	6/6	6/6	6	6	6/6	6/6	7.6	7.6

ELECTRICAL DATA – RQRM SERIES

		-A024JK	-A030JK	-A036JK	-A042JK	-A048JK	-A060JK
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253	197-253
	Volts	208/230	208/230	208/230	208/230	208/230	208/230
	Minimum Circuit Ampacity	23/23	22/22	24/24	31/31	33/33	46/46
	Minimum Overcurrent Protection Device Size	30/30	25/25	30/30	35/35	40/40	60/60
	Maximum Overcurrent Protection Device Size	35/35	30/30	35/35	45/45	50/50	60/60
Compressor Motor	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1
	RPM	3450	3450	3450	3450	3450	3450
	HP, Compressor 1	2	2 1/2	3	3 1/2	4	5
	Amps (RLA), Comp. 1	13.5/13.5	12.8/12.8	14.1/14.1	17.9/17.9	19.9/19.9	28.8/28.8
	Amps (LRA), Comp. 1	58.3/58.3	64/64	77/77	112/112	109/109	152.9/152.9
Condenser Motor	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA, each)	1.5/1.5	1.5/1.5	1.5/1.5	1.9/1.9	1.9/1.9	1.9/1.9
	Amps (LRA, each)	3/3	3/3	3/3	4/4	4/4	4/4
Evaporator Fan	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1
	HP	1/2	1/2	1/2	3/4	3/4	1
	Amps (FLA, each)	4.1/4.1	4.1/4.1	4.1/4.1	6/6	6/6	7.6/7.6
	Amps (LRA, each)	0/0	0/0	0/0	0/0	0/0	0/0



208-240 VOLT, SINGLE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION															
Separate Power Supply For Both Unit and Heater Kit															
Single Power Supply For Both Unit and Heater Kit															
Unit Model No. RQPM-	Heater Kit					Heat Pump					Heater Kit				
	RXQJ- Heater Kit Nominal kW	No. of Elements	No. of Sequence Steps	Rated Heater kW @ 208-240 V	Heater KBTU/Hr @ 208-240 V	Heater Amp. @ 208-240 V	Unit Min. Ckt. Ampacity @ 208-240 V	Over Current Protective Device Size		Min. Ckt. Ampacity 208-240 V	Max. Fuse Size	Over Current Protective Device Size		Min. Ckt. Ampacity 208-240 V	Max. Fuse Size
								Min./Max. @ 208 V	Min./Max. @ 240 V			Min./Max. @ 208 V	Min./Max. @ 240 V		
A024J	No Heat	—	—	—	—	—	23/23	30/35	30/35	23/23	—	30/35	30/35	23/23	—
	C05J	1	1	3.6/4.8	12.28/16.38	17.33/20	45/48	45/50	50/50	—	25/25	—	—	—	—
	C07J	1	1	5.4/7.2	18.42/24.56	26/30	55/60	60/60	60/60	—	35/40	—	—	—	—
A030J	C10J	2	1	7.2/9.6	24.57/32.76	34.7/40	66/73	70/70	80/80	—	45/50	—	—	—	—
	No Heat	—	—	—	—	—	24/24	30/35	30/35	24/24	—	30/35	30/35	24/24	—
	C05J	1	1	3.6/4.8	12.28/16.38	17.33/20	45/49	45/50	50/50	—	25/25	—	—	—	—
A036J A037J	C07J	1	1	5.4/7.2	18.42/24.56	26/30	56/61	60/60	70/70	—	35/40	—	—	—	—
	C10J	2	1	7.2/9.6	24.57/32.76	34.7/40	67/74	70/70	80/80	—	45/50	—	—	—	—
	C15J	3	2	10.8/14.4	36.85/49.13	52/60	89/99	90/90	100/100	—	70/80	—	—	—	—
A042J	C15J	3	2	10.8/14.4	36.85/49.13	52/60	92/102	100/100	110/110	—	70/80	—	—	—	—
	C20J	4	2	14.4/19.2	49.12/65.52	69.33/80	114/127	125/125	150/150	—	90/100	—	—	—	—
	No Heat	—	—	—	—	—	27/27	35/40	35/40	27/27	—	35/40	35/40	27/27	—
A043J	C05J	1	1	3.6/4.8	12.28/16.38	17.33/20	49/52	50/60	60/60	—	25/25	—	—	—	—
	C07J	1	1	5.4/7.2	18.42/24.56	26/30	59/64	60/60	70/70	—	35/40	—	—	—	—
	C10J	2	1	7.2/9.6	24.57/32.76	34.7/40	70/77	70/70	80/80	—	45/50	—	—	—	—
A048J A049J	C15J	3	2	10.8/14.4	36.85/49.13	52/60	101/111	110/110	125/125	—	70/80	—	—	—	—
	C20J	4	2	14.4/19.2	49.12/65.52	69.33/80	112/136	125/125	150/150	—	90/100	—	—	—	—
	No Heat	—	—	—	—	—	31/31	45/45	45/45	31/31	—	35/45	35/45	31/31	—
A060J	C05J	1	1	3.6/4.8	12.28/16.38	17.33/20	53/56	60/60	60/60	—	25/25	—	—	—	—
	C07J	1	1	5.4/7.2	18.42/24.56	26/30	65/69	70/70	70/70	—	35/40	—	—	—	—
	C10J	2	1	7.2/9.6	24.57/32.76	34.7/40	75/81	80/80	90/90	—	45/50	—	—	—	—
A060J	C15J	3	2	10.8/14.4	36.85/49.13	52/60	96/106	100/100	110/110	—	70/80	—	—	—	—
	C20J	4	2	14.4/19.2	49.12/65.52	69.33/80	118/131	125/125	150/150	—	90/100	—	—	—	—
	No Heat	—	—	—	—	—	36/36	45/50	45/50	36/36	—	45/50	45/50	36/36	—
A060J	C05J	1	1	3.6/4.8	12.28/16.38	17.33/20	57/61	60/70	70/70	—	25/25	—	—	—	—
	C07J	1	1	5.4/7.2	18.42/24.56	26/30	68/73	70/80	80/80	—	35/40	—	—	—	—
	C10J	2	1	7.2/9.6	24.57/32.76	34.7/40	79/86	80/90	90/90	—	45/50	—	—	—	—
A060J	C15J	3	2	10.8/14.4	36.85/49.13	52/60	101/111	110/110	125/125	—	70/80	—	—	—	—
	C20J	4	2	14.4/19.2	49.12/65.52	69.33/80	122/136	125/125	150/150	—	90/100	—	—	—	—
	No Heat	—	—	—	—	—	43/43	50/60	50/60	43/43	—	50/60	50/60	43/43	—
A060J	C05J	1	1	3.6/4.8	12.28/16.38	17.33/20	65/68	80/80	80/80	—	25/25	—	—	—	—
	C07J	1	1	5.4/7.2	18.42/24.56	26/30	75/80	90/90	90/90	—	35/40	—	—	—	—
	C10J	2	1	7.2/9.6	24.57/32.76	34.7/40	86/93	90/100	100/100	—	45/50	—	—	—	—
A060J	C15J	3	2	10.8/14.4	36.85/49.13	52/60	108/118	110/110	125/125	—	70/80	—	—	—	—
	C20J	4	2	14.4/19.2	49.12/65.52	69.33/80	130/143	150/150	150/150	—	90/100	—	—	—	—
	No Heat	—	—	—	—	—	—	—	—	—	—	—	—	—	—



Air

Electric Heater Kits

RQPM Series

208-240 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION

Separate Power Supply For Both Unit and Heater Kit												
Single Power Supply For Both Unit and Heater Kit												
Unit Model No. RQPM-	Heater Kit				Heat Pump				Heater Kit			
	RXQJ- Heater Kit Nominal kW	No. of Elements	No. of Sequence Steps	Rated Heater kW @ 208-240 V	Heater KBTU/Hr @ 208-240 V	Heater Amp. @ 208-240 V	Unit Min. Ckt. Ampacity @ 208-240 V	Over Current Protective Device Size Min./Max. @ 208 V	Min. Ckt. Ampacity 208-240 V	Max. Fuse Size	Min. Circuit Ampacity 208-240 V	Over Current Protective Device Size Min./Max. @ 208 V
A036C A037C	No Heat	—	—	—	—	—	19/19	25/25	—	—	19/19	25/25
	C10C	2	1	7.2/9.6	24.57/32.76	20/23.1	44/48	45/45	25/29	25/30	—	—
	C15C	3	2	10.8/14.4	36.85/49.13	30.1/34.7	57/61	60/60	38/44	40/45	—	—
A042C	No Heat	—	—	—	—	—	26/26	30/35	—	—	26/26	30/35
	C10C	2	1	7.2/9.6	24.57/32.76	20/23.1	51/55	60/60	25/29	25/30	—	—
	C15C	3	2	10.8/14.4	36.85/49.13	30.1/34.7	64/69	70/70	38/44	40/45	—	—
A043C	C20C	4	2	14.4/19.2	49.12/65.52	40/46.3	76/84	80/80	50/58	50/60	—	—
	No Heat	—	—	—	—	—	25/25	35/35	—	—	25/25	30/35
	C10C	2	1	7.2/9.6	24.57/32.76	20/23.1	50/54	50/50	25/29	25/30	—	—
A048C A049C	C15C	3	2	10.8/14.4	36.85/49.13	30.1/34.7	63/69	70/70	38/44	40/45	—	—
	C20C	4	2	14.4/19.2	49.12/65.52	40/46.3	75/83	80/80	50/58	50/60	—	—
	No Heat	—	—	—	—	—	26/26	30/35	—	—	26/26	30/35
A060C	C10C	2	1	7.2/9.6	24.57/32.76	20/23.1	51/54	60/60	25/29	25/30	—	—
	C15C	3	2	10.8/14.4	36.85/49.13	30.1/34.7	63/69	70/70	38/44	40/45	—	—
	C20C	4	2	14.4/19.2	49.12/65.52	40/46.3	76/83	80/80	50/58	50/60	—	—
A060C	No Heat	—	—	—	—	—	32/32	40/45	—	—	32/32	40/45
	C10C	2	1	7.2/9.6	24.57/32.76	20/23.1	57/61	60/60	25/29	25/30	—	—
	C15C	3	2	10.8/14.4	36.85/49.13	30.1/34.7	69/76	70/70	38/44	40/45	—	—
A060C	C20C	4	2	14.4/19.2	49.12/65.52	40/46.3	82/90	90/90	50/58	50/60	—	—





Air

Electric Heater Kits
RQRM Series

208-240 VOLT, SINGLE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION									
Unit Model No. RQRM-	Heater Kit Model No. RXQJ-	Heater kW @ 208/240 V	Heater Kit FLA	Unit Min. Ckt. Ampacity	Max. Fuse or Ckt. Bkr. Size (Ckt. Bkr. Must be HACR Type for USA)	Heater Kit Min. Ckt. Ampacity	Heater Kit Max. Fuse (Ckt. Bkr. Must be HACR Type for USA)	Heat Pump Min. Ckt. Ampacity	Heat Pump Max. Fuse or Ckt. Bkr. Size (Ckt. Bkr. Must be HACR Type for USA)
A024JK	NONE	—	—	23/23	35/35	—	—	23/23	35/35
	C05J	3.6/4.8	17.3/20	45/48	50/50	22/25	25/25	23/23	35/35
	C07J	5.4/7.2	26/30	56/61	60/70	33/38	35/40	23/23	35/35
	C10J	7.2/9.6	34.7/40	67/73	70/80	44/50	45/50	23/23	35/35
A030JK	C15J	10.8/14.4	52/60	88/98	90/100	65/75	70/80	23/23	35/35
	NONE	—	—	22/22	30/30	—	—	22/22	30/30
	C05J	3.6/4.8	17.3/20	44/47	50/50	22/25	25/25	22/22	30/30
	C07J	5.4/7.2	26/30	55/60	60/70	33/38	35/40	22/22	30/30
A036JK	C10J	7.2/9.6	34.7/40	66/72	70/80	44/50	45/50	22/22	30/30
	C15J	10.8/14.4	52/60	87/97	90/100	65/75	70/80	22/22	30/30
	NONE	—	—	24/24	35/35	—	—	24/24	35/35
	C05J	3.6/4.8	17.3/20	46/49	50/50	22/25	25/25	24/24	35/35
A042JK	C07J	5.4/7.2	26/30	57/62	60/70	33/38	35/40	24/24	35/35
	C10J	7.2/9.6	34.7/40	68/74	70/80	44/50	45/50	24/24	35/35
	C15J	10.8/14.4	52/60	89/99	90/100	65/75	70/80	24/24	35/35
	NONE	—	—	31/31	45/45	—	—	31/31	45/45
A048JK	C05J	3.6/4.8	17.3/20	53/56	60/60	22/25	25/25	31/31	45/45
	C07J	5.4/7.2	26/30	64/69	70/70	33/38	35/40	31/31	45/45
	C10J	7.2/9.6	34.7/40	75/81	80/90	44/50	45/50	31/31	45/45
	C15J	10.8/14.4	52/60	96/106	100/110	65/75	70/80	31/31	45/45
A060JK	C20J	14.4/19.2	69.3/80	118/131	125/150	87/100	90/100	31/31	45/45
	NONE	—	—	33/33	50/50	—	—	33/33	50/50
	C05J	3.6/4.8	17.3/20	55/58	60/70	22/25	25/25	33/33	50/50
	C07J	5.4/7.2	26/30	66/71	70/80	33/38	35/40	33/33	50/50
A060JK	C10J	7.2/9.6	34.7/40	77/83	80/90	44/50	45/50	33/33	50/50
	C15J	10.8/14.4	52/60	98/108	100/110	65/75	70/80	33/33	50/50
	C20J	14.4/19.2	69.3/80	120/133	125/150	87/100	90/100	33/33	50/50
	NONE	—	—	46/46	60/60	—	—	46/46	60/60
A060JK	C05J	3.6/4.8	17.3/20	68/71	90/90	22/25	25/25	46/46	60/60
	C07J	5.4/7.2	26/30	79/84	100/100	33/38	35/40	46/46	60/60
	C10J	7.2/9.6	34.7/40	90/96	100/110	44/50	45/50	46/46	60/60
	C15J	10.8/14.4	52/60	111/121	125/125	65/75	70/80	46/46	60/60
A060JK	C20J	14.4/19.2	69.3/80	133/146	150/150	87/100	90/100	46/46	60/60

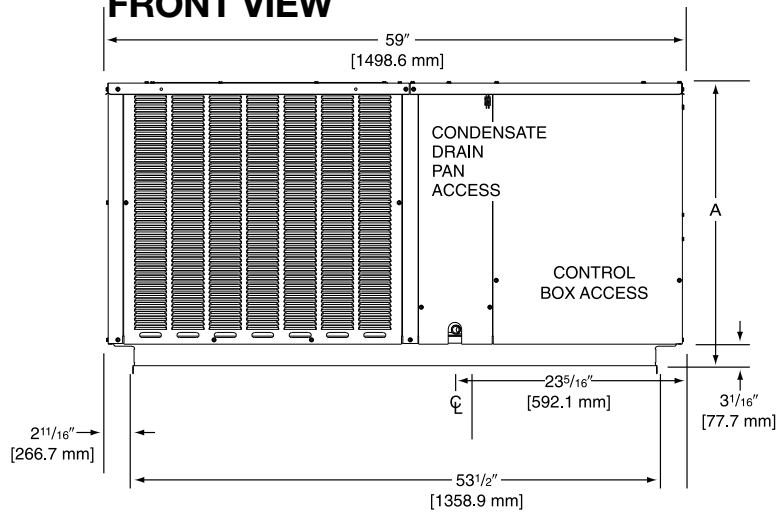


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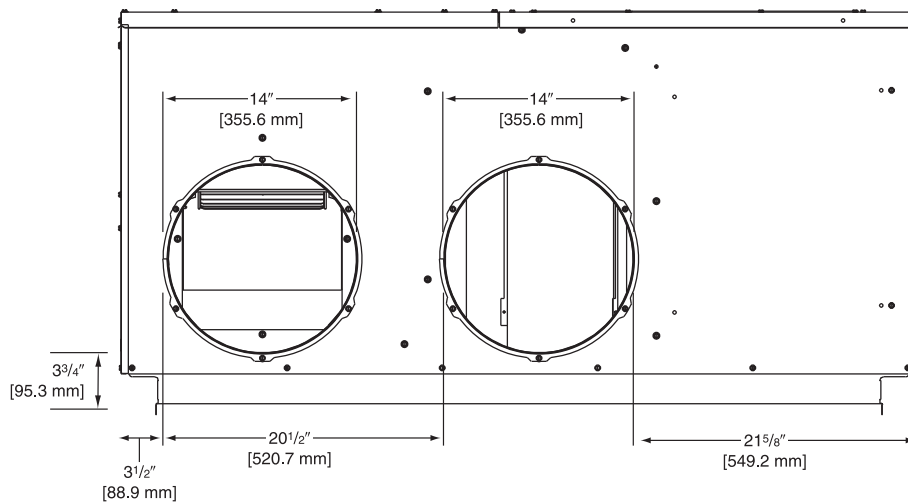
DIMENSIONS

Model	Height "A"
RQPM: 024, 030, 036 RQRM: 024	29 1/8"
RQPM: 042, 048, 060 RQRM: 030, 036, 042, 048, 060	37 1/8"

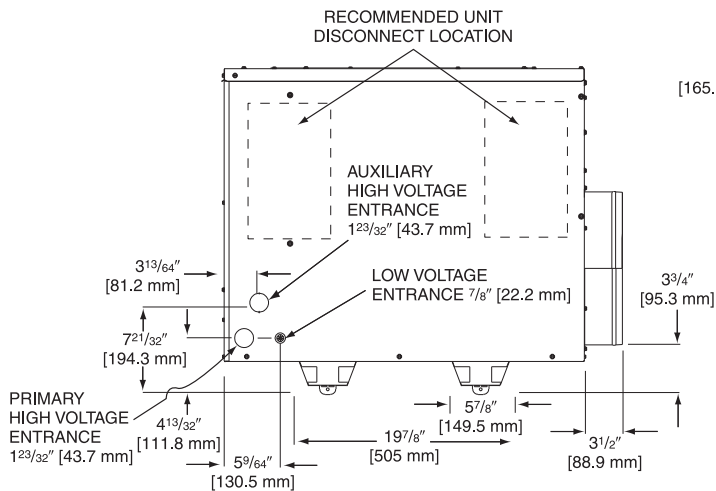
FRONT VIEW



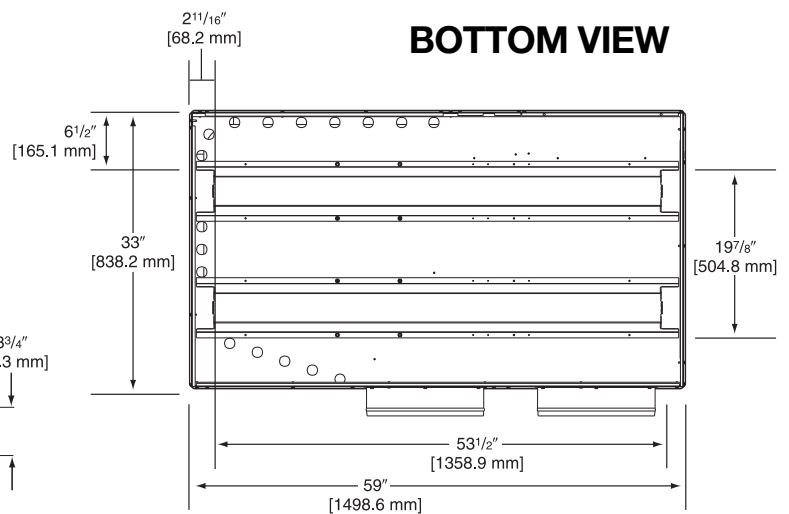
REAR VIEW



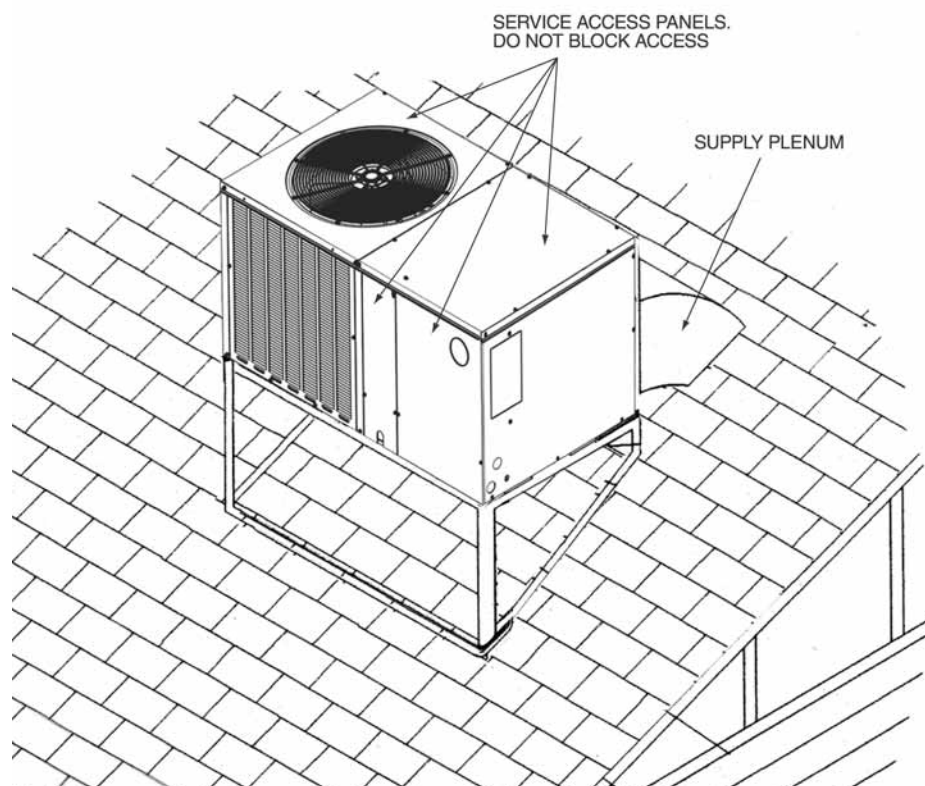
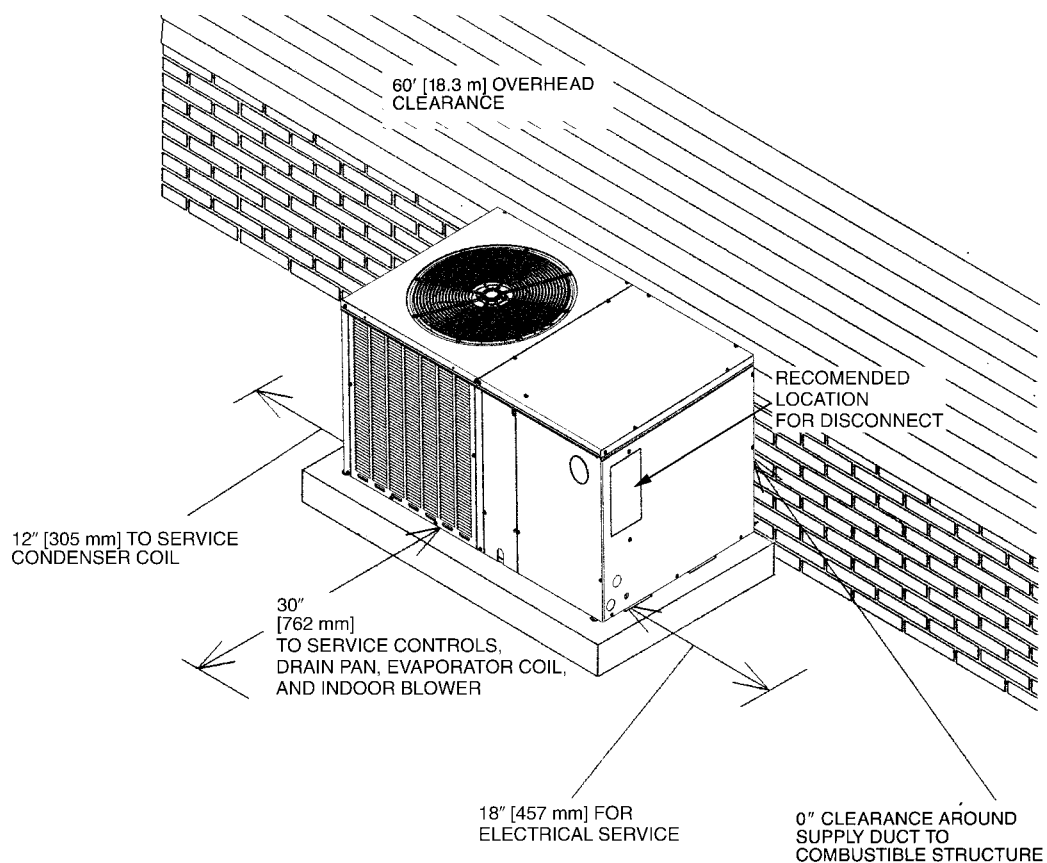
ELECTRICAL CONNECTIONS



BOTTOM VIEW



[] Designates Metric Conversions



[] Designates Metric Conversions



ACCESSORY EQUIPMENT

Accessory Description	Model Application	Accessory Model No.
Outdoor Thermostat	RQNM/RQPM/RQRM	RXPT-A01
Thermostats	RQNM/RQPM/RQRM	See Thermostat Specification Sheet (T11-001)

THERMOSTATS



200-Series *
Programmable



300-Series *
Deluxe Programmable



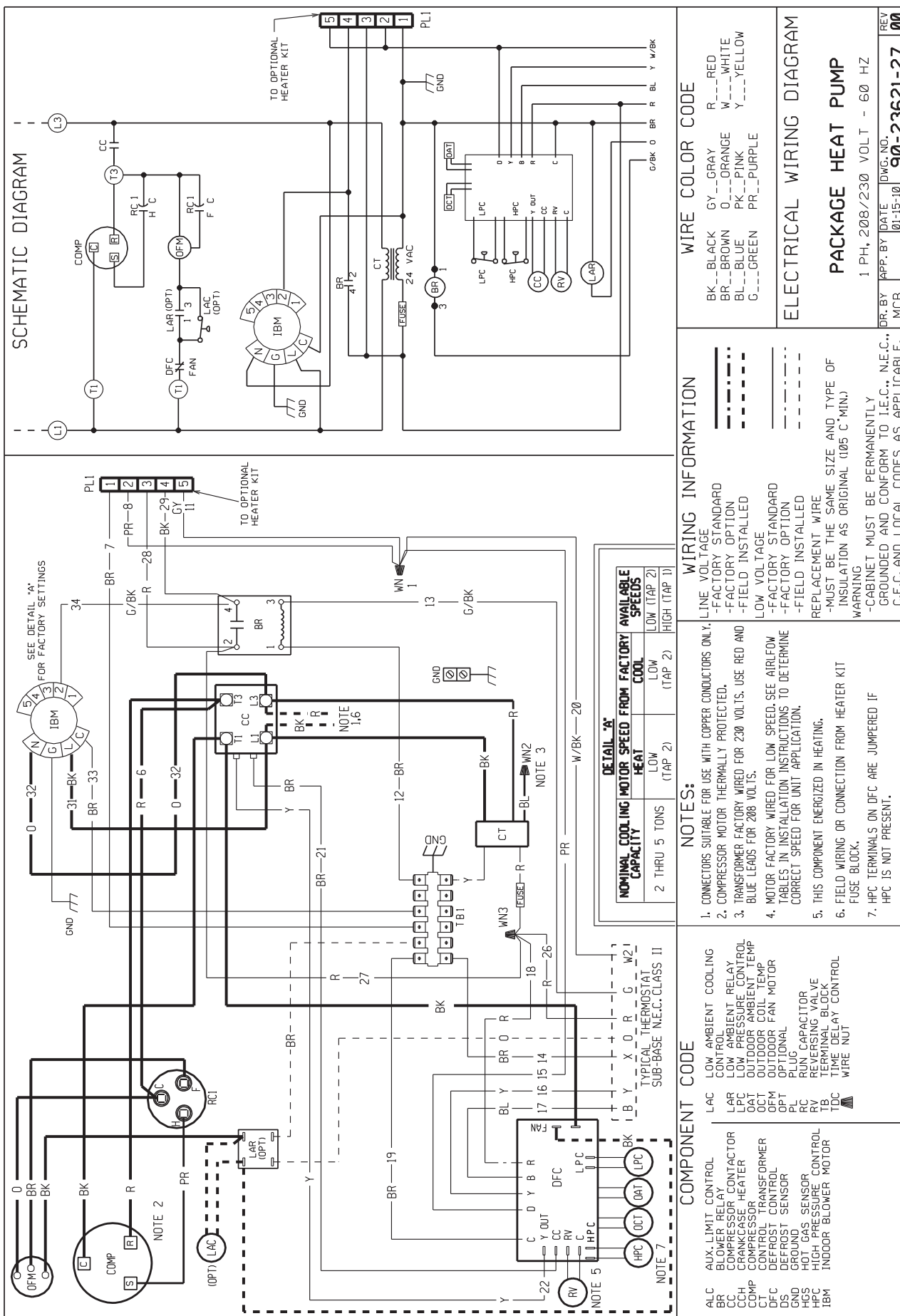
400-Series *
Special Applications/
Programmable

500-Series *
Communicating/
Programmable

Brand		Descriptor (3 Characters)	Series (3 Characters)	System (2 Characters)	Type (2 Characters)
RHC	-	TST	213	UN	MS
RHC=Rheem		TST=Thermostat	200=Programmable 300=Deluxe Programmable 400=Special Applications/ Programmable 500=Communicating/ Programmable	GE=Gas/Electric UN=Universal (AC/HP/GE) MD=Modulating Furnace DF=Dual Fuel CM=Communicating	SS=Single-Stage MS=Multi-Stage

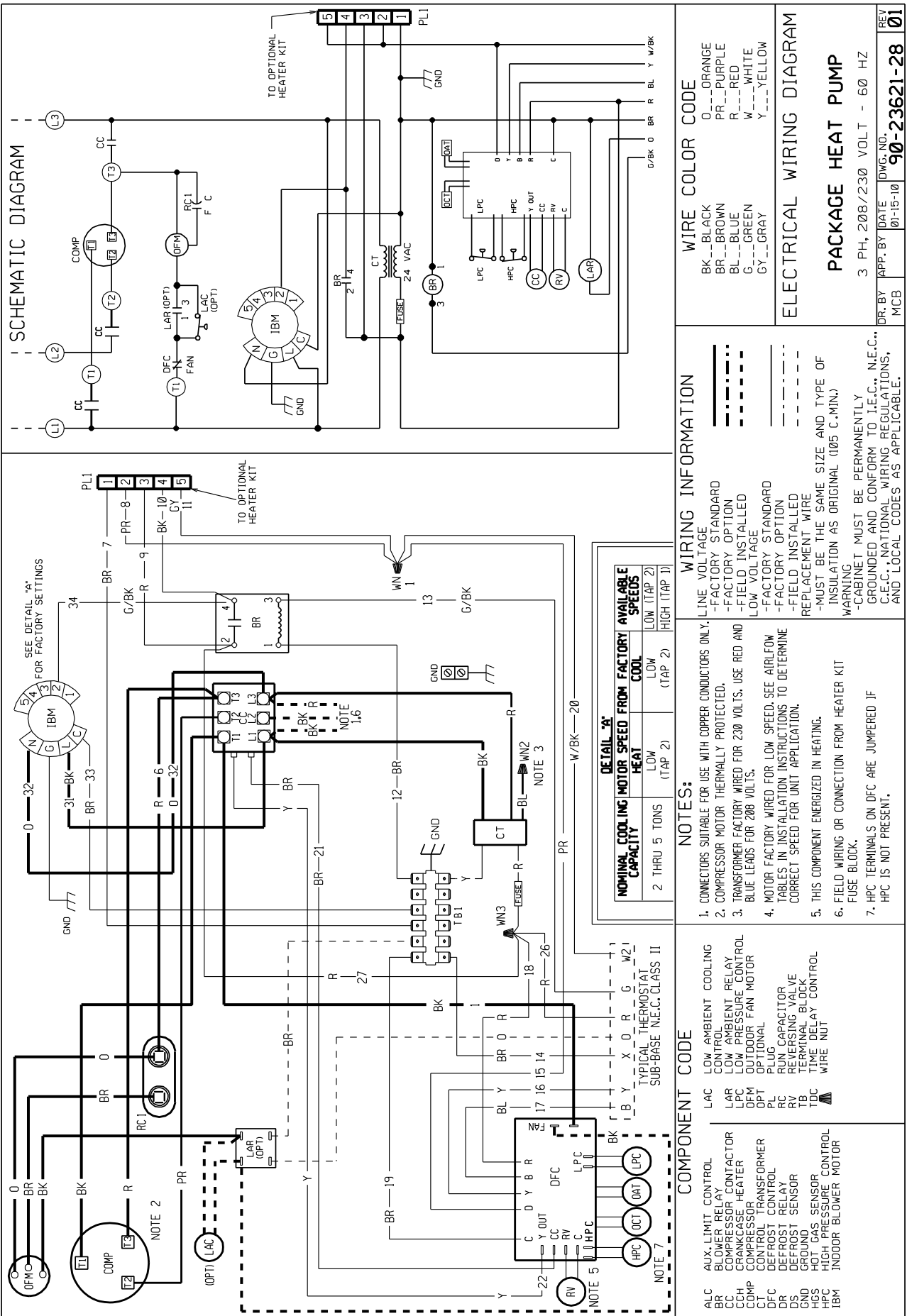
* Photos are representative. Actual models may vary.

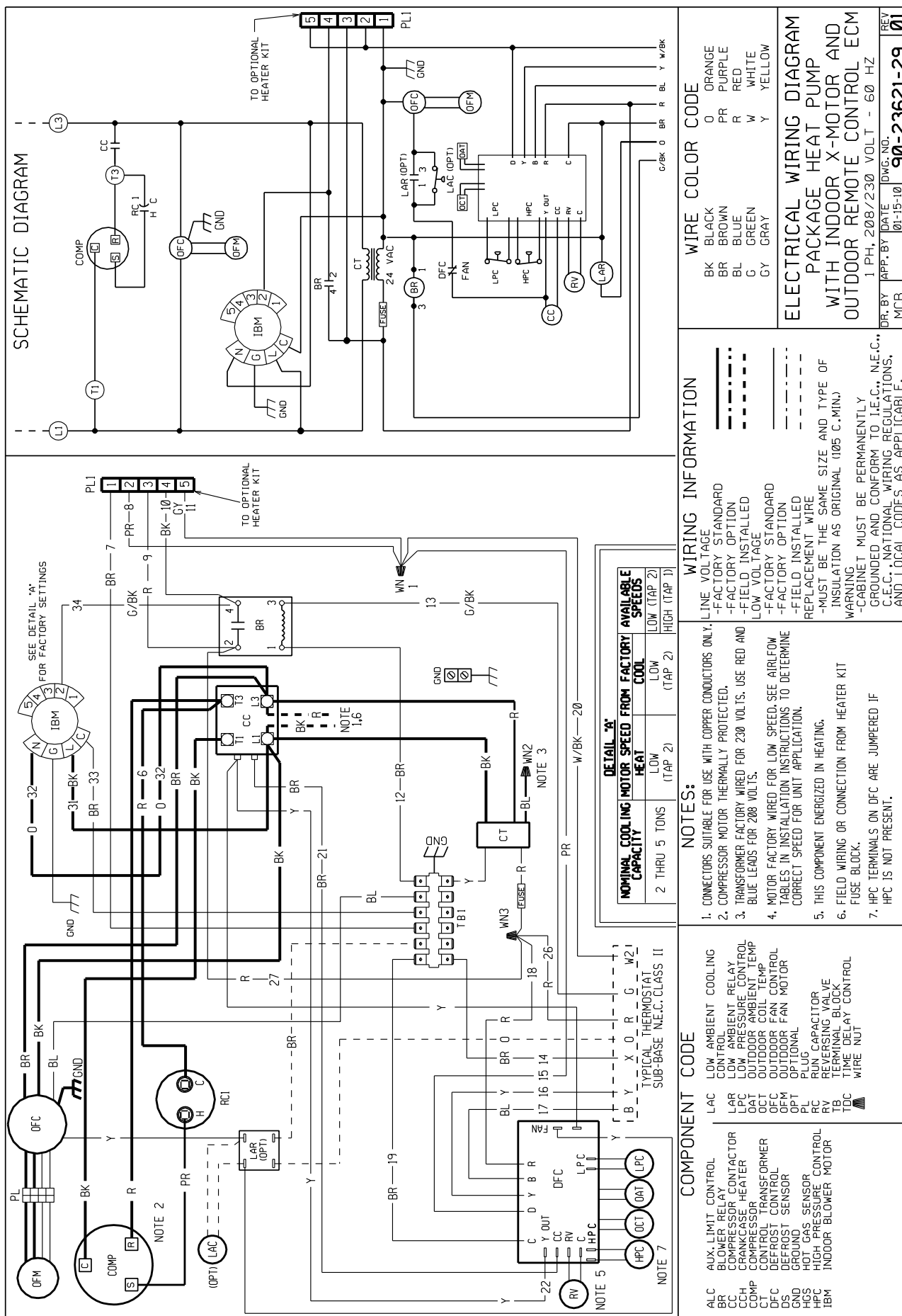
For detailed thermostat match-up information,
see specification sheet form number T11-001.





Air



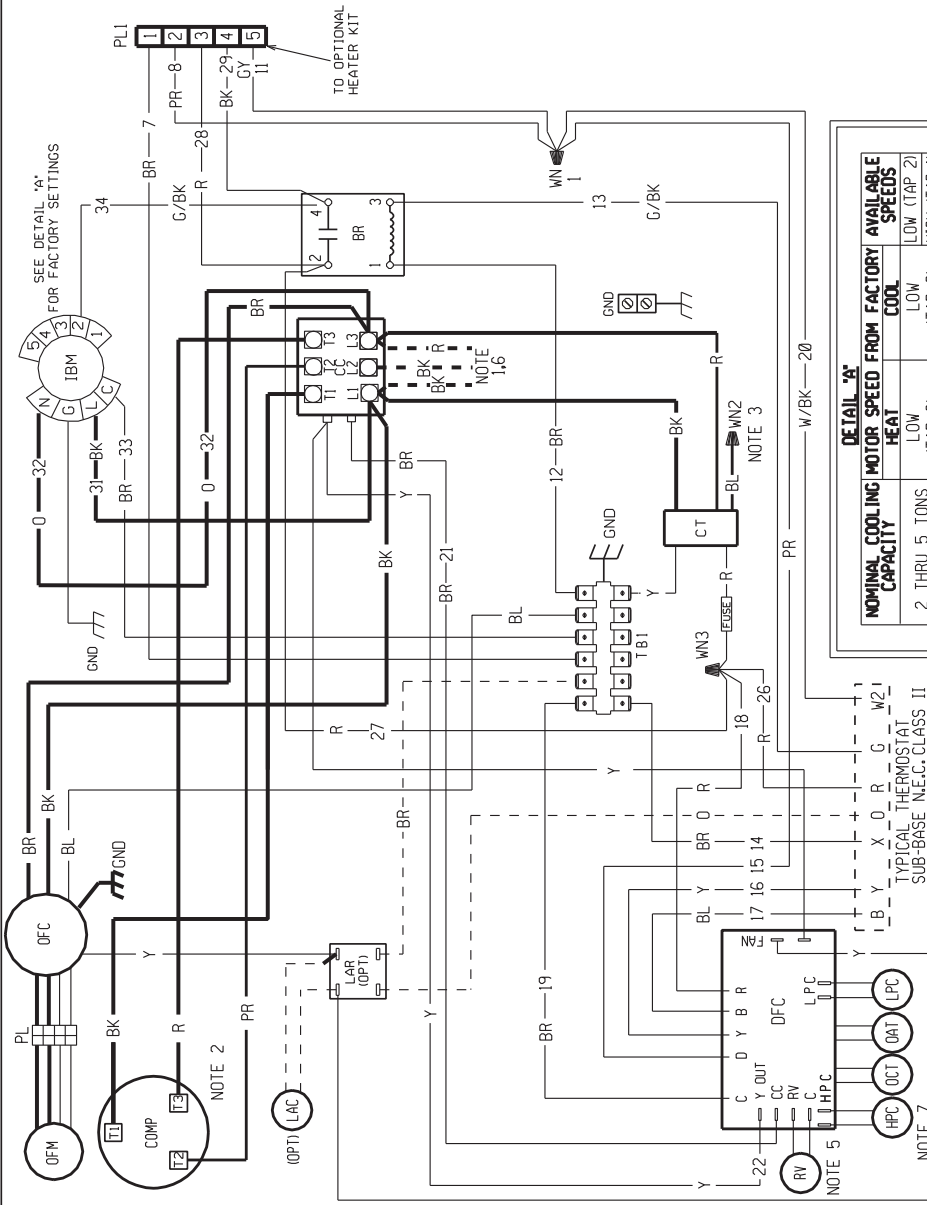




Air

Wiring Diagrams
RQPM Series

SCHEMATIC DIAGRAM



COMPONENT CODE

ALC AUX. LIMIT CONTROL
BR BLOWER RELAY
CC COMPRESSOR CONTACTOR
CCH CRANKCASE HEATER
COMP COMPRESSOR TRANSFORMER
CFC DEFROST CONTROL
DS DEFROST SENSOR
GND GROUND
HGS HOT GAS SENSOR
HPC HIGH PRESSURE CONTROL
IBM INDOOR BLOWER MOTOR

LAC LOW AMBIENT COOLING CONTROL
LAR LOW AMBIENT RELAY
LPC LOW PRESSURE CONTROL
OFC OUTDOOR FAN MOTOR
OBFM OUTDOOR FAN MOTOR
PCT PULSED CAPACITOR
RV REVERSING VALVE
TB TERMINAL BLOCK
TDC TIME DELAY CONTROL
WIRE NUT

NOTES:

- CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
- COMPRESSOR MOTOR THERMALLY PROTECTED.
- TRANSFORMER FACTORY WIRED FOR 230 VOLTS. USE RED AND BLUE LEADS FOR 208 VOLTS.
- MOTOR FACTORY WIRED FOR LOW SPEED. SEE AIRFLOW TABLES IN INSTALLATION INSTRUCTIONS TO DETERMINE CORRECT SPEED FOR UNIT APPLICATION.
- THIS COMPONENT ENERGIZED IN HEATING.
- FIELD WIRING OR CONNECTION FROM HEATER KIT FUSE BLOCK.
- HPC TERMINALS ON DFC ARE JUMPED IF HPC IS NOT PRESENT.

WIRING INFORMATION

- LINE VOLTAGE
-FACTORY STANDARD
-FACTORY OPTION
-FIELD INSTALLED
-FACTORY STANDARD
-FACTORY OPTION
-FIELD INSTALLED
REPLACEMENT WIRE
-MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105 C MIN.)
-CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO I.E.C., N.E.C., C.E.C. AND LOCAL CODES AS APPLICABLE.

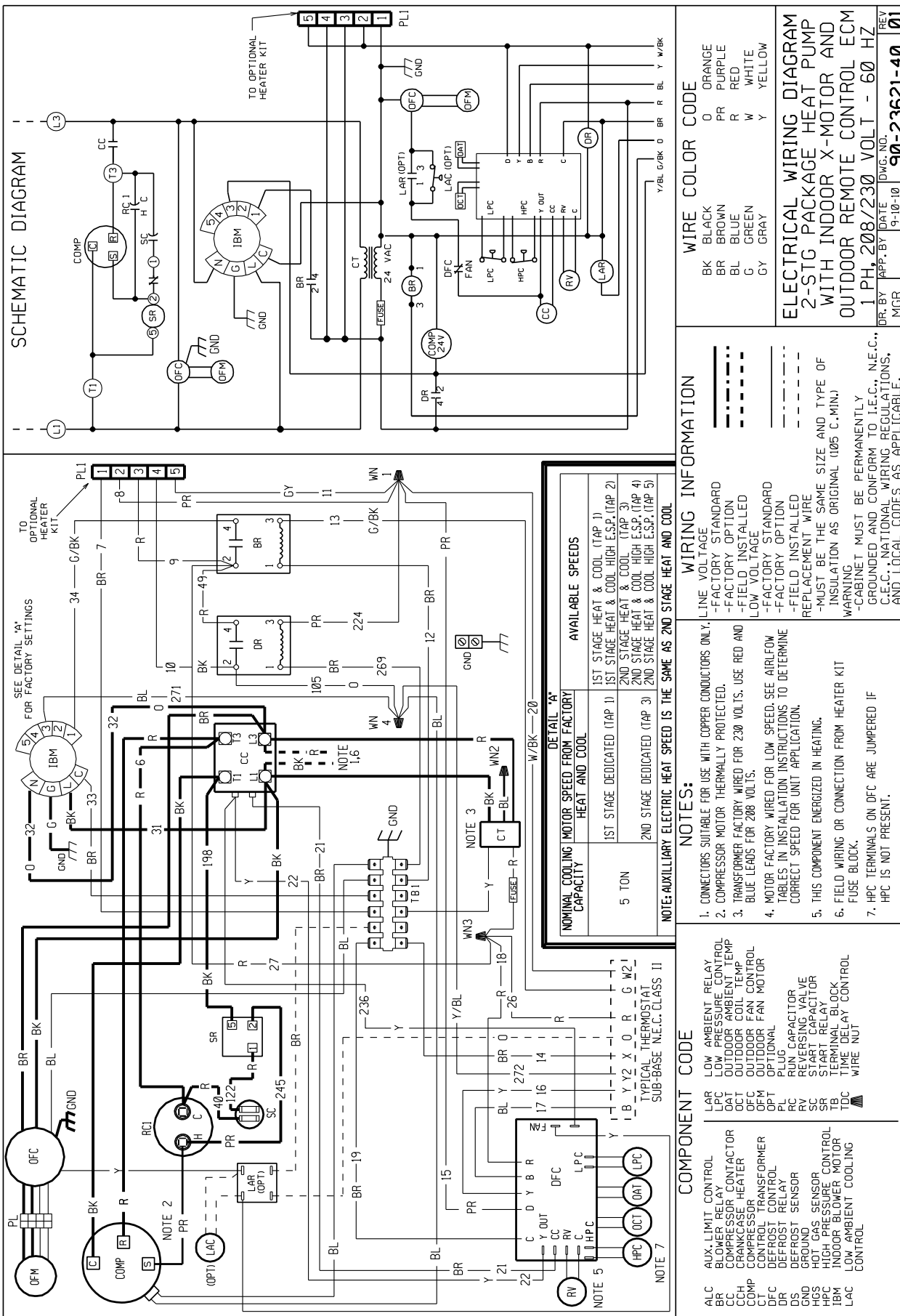
WIRE COLOR CODE

BK BLACK
BR BROWN
BL BLUE
G GREEN
GY GRAY
O ORANGE
PK PINK
PR PURPLE
R RED
W WHITE
Y YELLOW
CL CLEAR

ELECTRICAL WIRING DIAGRAM
PACKAGE HEAT PUMP
WITH INDOOR X-MOTOR AND
OUTDOOR REMOTE CONTROL ECM

DR. BY 3 PH, 208/230 VOLT - 60 HZ
APP. BY DATE
MCB 01-15-10
REV 90-23621-30 00







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 and Conditional Warranties, including applicable terms and conditions, contact your local contractor or the Manufacturer for a copy of the product warranty certificate.**

Conditional Parts (Registration Required)

1 Phase, Residential ApplicationsTen (10) Years

Compressor

1 Phase, Residential Applications.....Ten (10) Years

1 & 3 Phase, Commercial ApplicationsFive (5) Years

Parts

1 & 3 Phase, Commercial ApplicationsOne (1) Year





The new degree of comfort.™

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

Rheem Heating, Cooling & Water Heating • P.O. Box 17010
Fort Smith, Arkansas 72917 • www.rheem.com

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Brampton, Ontario • L6Y 0P5



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