



The new degree of comfort.™



Rheem Commercial *Classic*® Series Package Heat Pump



RQNL- High Efficiency 13-SEER Series

Nominal Sizes 2-4 Tons [7.03-14.07 kW]

RQPL- High Efficiency 14-SEER Series

Nominal Sizes 2-4 Tons [7.03-14.07 kW]

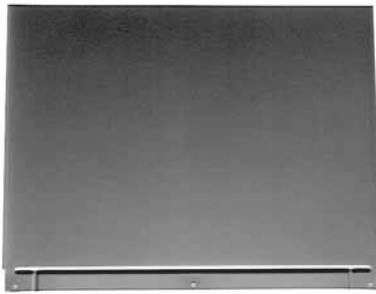


"Proper sizing and installation of equipment is critical to achieve optimal performance. Ask your Contractor for details or visit www.energystar.gov."

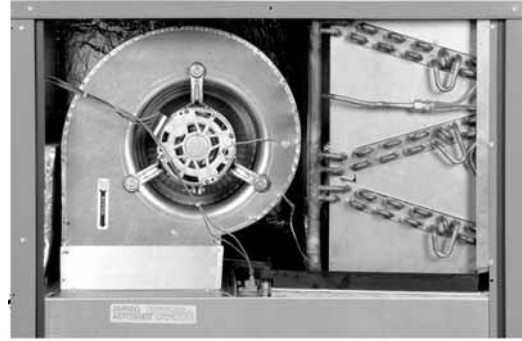
TABLE OF CONTENTS

Unit Features & Benefits	3-4
Model Number Identification	5
Options	6
General Data	
RQNL- Series	7-8
RQPL- Series	9-11
General Data Notes	12
Gross Systems Performance Data	
RQNL- Series	13-17
RQPL- Series	18-23
Indoor Airflow Performance	
RQNL- Series	24-25
RQPL- Series	26-27
Electrical Data	
RQNL- Series.....	28
RQPL- Series.....	28
Electric Heater Kits.....	29-31
Dimensional Data	32-33
Typical Installations	34
Accessories	35-43
Wiring Diagrams	44-48
Limited Warranty	52

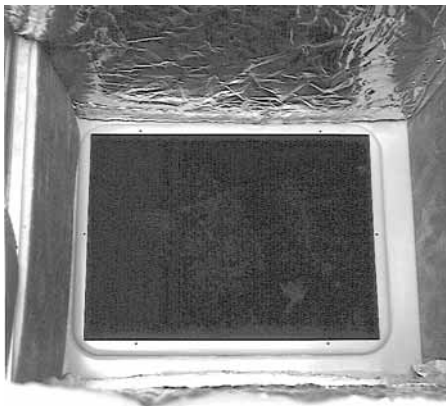
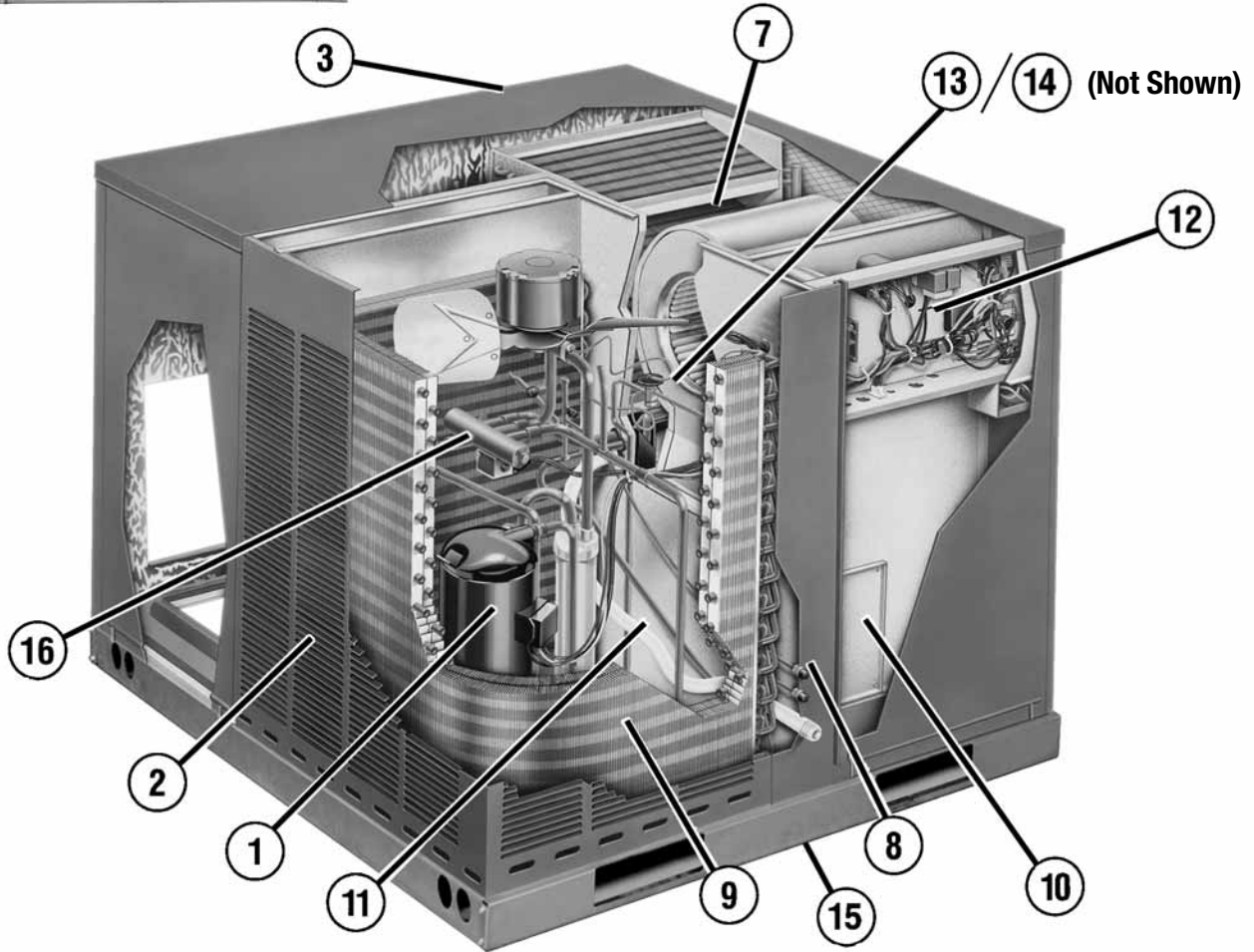
Package Heat Pump Features:



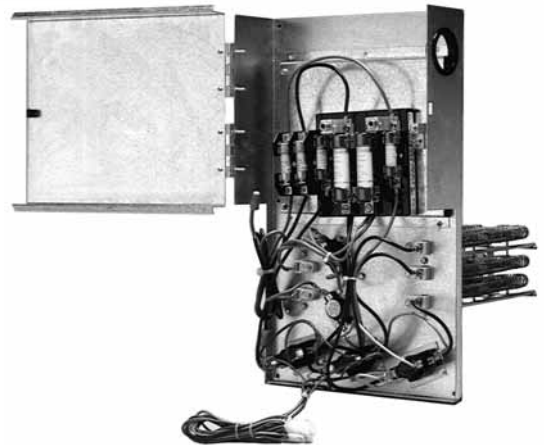
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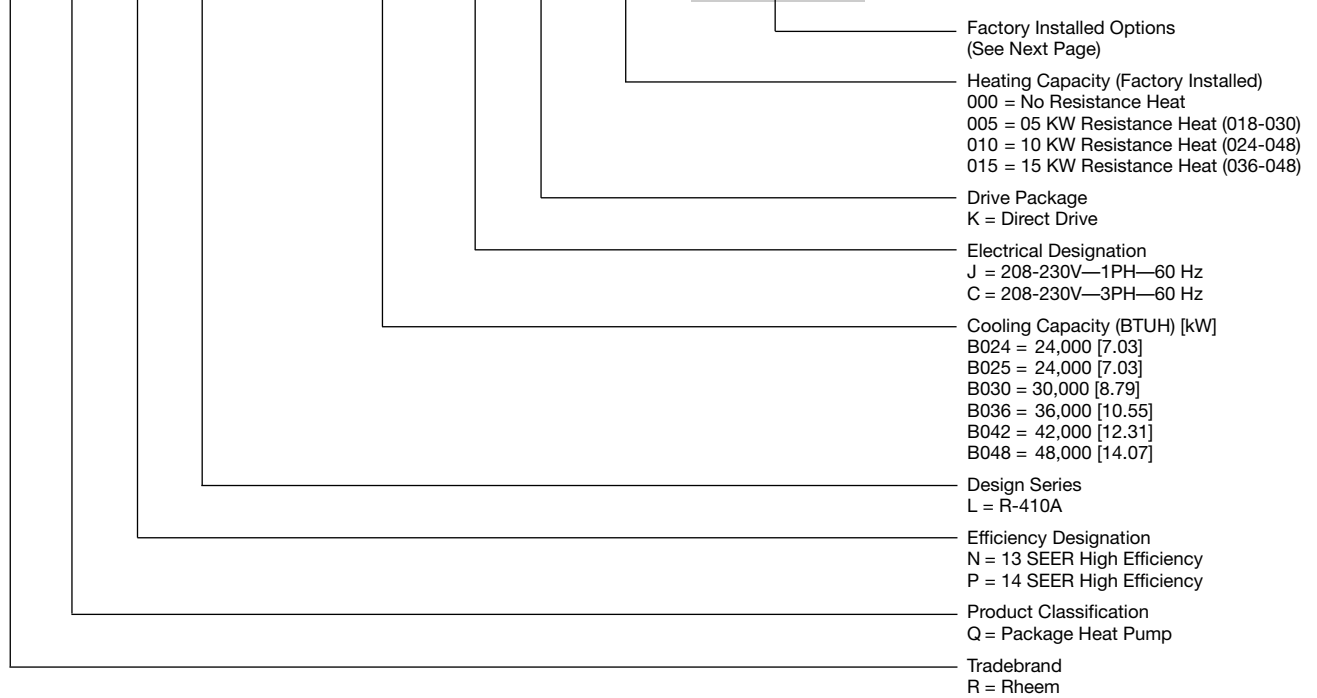


Features Below Correspond to Photos on Page 3

1. All models feature Scroll® compressors for maximum efficiency and quiet operation. This unit contains a special scroll compressor that is designed specifically to operate with R-410A Refrigerants and polyolester (POE) oils. The compressor is hermetically sealed and incorporates internal high temperature motor overload protection and durable insulation on the motor windings. It is externally mounted on rubber grommets to reduce vibration and noise.
2. Louvered condenser compartment for protecting the coil against yard hazards and/or weather extremes.
3. One-piece top with a deep flange to help keep water out of the unit.
4. Supply and return air openings feature a one-inch tall flange to prevent water migration into the ductwork.
5. Access panels have “weep holes” and channels to further help manage water run-off.
6. Side and down discharge options available on all models. (Shipped Downflow Standard).
7. Easily accessible blower section complete with slide-out blower.
8. Refrigerant connections are conveniently located for easy service diagnostics. Low pressure/loss of charge protection is standard on all models.
9. Condenser and evaporator coils feature enhanced fins for better heat transfer and rifled copper tubing for greater efficiency.
10. Supplemental electric heat strips up to 15 kW are available (field or factory installed) for periods of extreme cold temperatures. Single point wiring makes installation even easier.
11. All units feature an internal trap on the condensate line eliminating the need for installing an on-site external trap.
12. Easily accessible control box. Package heat pump utilizes demand defrost control which monitors the outdoor ambient temperature, outdoor coil temperature, and compressor run-time to determine when a defrost cycle is required.
13. Thermal Expansion Valve standard on all models for superior superheat control, reliability, and energy efficiency at all operating conditions.
14. Filter Drier Standard on all models (not shown).
15. Rugged Baserail for improved installation and handling.
16. Reversing valve directs flow of refrigerant and reverses the refrigerant flow when heating is required.



R Q N L — B024 J K 000 X X X



[] Designates Metric Conversions

Instructions for Factory Installed Option(s) Selection

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

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

FACTORY INSTALLED OPTION CODES

Option Code	Side Flow
AA	No Option
AKA	x

Example: RQNL-B036JK000**XX** (where **XX** is factory installed option)

Example: No Options

RQNL-B036JK000

Example: Options with Sideflow

RQNL-B036JK000AKA

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

NOMINAL SIZES 2-4 TONS [7.03-14.07 kW]

Model RQNL- Series	B024JK	B030JK	B036CK	B036JK
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	24,400 [7.15]	29,000 [8.5]	36,200 [10.61]	36,200 [10.61]
EER/SEER ²	11/13	11/13	11/13	11/13
Nominal CFM/AHRI Rated CFM [L/s]	800/800 [378/378]	1000/1000 [472/472]	1200/1250 [566/590]	1200/1250 [566/590]
AHRI Net Cooling Capacity Btu [kW]	23,600 [6.91]	27,800 [8.15]	35,000 [10.26]	35,000 [10.26]
Net Sensible Capacity Btu [kW]	17,600 [5.16]	20,800 [6.09]	26,000 [7.62]	26,000 [7.62]
Net Latent Capacity Btu [kW]	6,000 [1.76]	7,000 [2.05]	9,000 [2.64]	9,000 [2.64]
Net System Power kW	2.15	2.53	3.18	3.18
Heating Performance (Heat Pumps)⁴				
Heating Input Btu [kW] Rating	23,600 [6.91]	28,200 [8.26]	34,000 [9.96]	34,000 [9.96]
System Power KW/COP	2.02/3.4	2.45/3.4	2.86/3.5	2.86/3.5
Low Temp. Btuh [kW] Rating	13,000 [3.81]	16,000 [4.69]	19,500 [5.71]	19,500 [5.71]
System Power KW/COP	1.9/2	2.26/2.1	2.61/2.2	2.61/2.2
HSPF (Btu/Watts-hr)	7.7	7.7	7.7	7.7
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	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]	14.51 [1.35]	16.32 [1.52]	11.2 [1.04]	11.2 [1.04]
Rows / FPI [FPcm]	1 / 22 [9]	1 / 22 [9]	2 / 22 [9]	2 / 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]	5.54 [0.51]	7.39 [0.69]	7.39 [0.69]	7.39 [0.69]
Rows / FPI [FPcm]	2 / 15 [6]	2 / 15 [6]	2 / 15 [6]	2 / 15 [6]
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]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	2700 [1274]	2700 [1274]	2700 [1274]	2700 [1274]
No. Motors/HP	1 at 1/5 HP	1 at 1/5 HP	1 at 1/5 HP	1 at 1/5 HP
Motor RPM	1075	1075	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/9x7 [228.6x177.8]	1/10x9 [254x228.6]	1/10x9 [254x228.6]	1/10x9 [254x228.6]
Drive Type/No. Speeds	Direct/2	Direct/3	Direct/1	Direct/1
No. Motors	1	1	1	1
Motor HP	1/4	1/2	1/3	1/3
Motor RPM	1075	1075	1075	1075
Motor Frame Size	48	48	48	48
Filter—Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(No.) Size Recommended in. [mm]	(1)1x20x20 [25x508x508]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	98 [2778]	108 [3062]	146 [4139]	146 [4139]
Weights				
Net Weight lbs. [kg]	391 [177]	444 [201]	471 [214]	468 [212]
Ship Weight lbs. [kg]	401 [182]	455 [206]	482 [219]	479 [217]

See Page 12 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-4 TONS [7.03-14.07 kW]

Model RQNL- Series	B042CK	B042JK	B048CK	B048JK
Cooling Performance¹				
Gross Cooling Capacity Btu [kW]	43,500 [12.75]	43,500 [12.75]	49,000 [14.36]	49,000 [14.36]
EER/SEER ²	11/13	11/13	11/13	11/13
Nominal CFM/AHRI Rated CFM [L/s]	1400/1400 [661/661]	1400/1400 [661/661]	1600/1600 [755/755]	1600/1600 [755/755]
AHRI Net Cooling Capacity Btu [kW]	42,500 [12.45]	42,500 [12.45]	47,500 [13.92]	47,500 [13.92]
Net Sensible Capacity Btu [kW]	31,500 [9.23]	31,500 [9.23]	36,000 [10.55]	36,000 [10.55]
Net Latent Capacity Btu [kW]	11,000 [3.22]	11,000 [3.22]	11,500 [3.37]	11,500 [3.37]
Net System Power kW	3.86	3.86	4.31	4.31
Heating Performance (Heat Pumps)⁴				
Heating Input Btu [kW] Rating	41,500 [12.16]	41,500 [12.16]	46,000 [13.48]	46,000 [13.48]
System Power KW/COP	3.65/3.4	3.65/3.4	3.89/3.4	3.89/3.4
Low Temp. Btuh [kW] Rating	24,200 [7.09]	24,200 [7.09]	26,600 [7.79]	26,600 [7.79]
System Power KW/COP	3.43/2.08	3.43/2.08	3.57/2.2	3.57/2.2
HSPF (Btu/Watts-hr)	7.7	7.7	7.7	7.7
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³				
	76	76	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]	16.32 [1.52]	16.32 [1.52]	16.32 [1.52]	16.32 [1.52]
Refrigerant Control	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]
	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]	7.39 [0.69]	7.39 [0.69]	7.39 [0.69]	7.39 [0.69]
Refrigerant Control	2 / 15 [6]	2 / 15 [6]	2 / 15 [6]	2 / 15 [6]
	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]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3300 [1557]	3300 [1557]	3000 [1416]	3000 [1416]
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]	1/10x9 [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	3/4	3/4	3/4	3/4
Motor RPM	1075	1075	1075	1075
Motor Frame Size	48	48	48	48
Filter—Type				
	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(No.) Size Recommended in. [mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]				
	176 [4990]	176 [4990]	183 [5188]	183 [5188]
Weights				
Net Weight lbs. [kg]	508 [230]	505 [229]	500 [227]	510 [231]
Ship Weight lbs. [kg]	519 [235]	516 [234]	511 [232]	521 [236]

See Page 12 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-4 TONS [7.03-14.07 kW]

Model RQPL- Series	B024JK	B025JK	B030JK	B036CK
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	25,000 [7.32]	24,400 [7.15]	29,800 [8.73]	36,800 [10.78]
EER/SEER ²	11.8/14	12/14	12/14	12/14
Nominal CFM/AHRI Rated CFM [L/s]	800/850 [378/401]	800/850 [378/401]	1000/1050 [472/495]	1200/1250 [566/590]
AHRI Net Cooling Capacity Btu [kW]	24,400 [7.15]	23,800 [6.97]	29,200 [8.56]	36,000 [10.55]
Net Sensible Capacity Btu [kW]	18,900 [5.54]	17,800 [5.22]	23,000 [6.74]	27,000 [7.91]
Net Latent Capacity Btu [kW]	5,500 [1.61]	6,000 [1.76]	6,200 [1.82]	9,000 [2.64]
Net System Power kW	2.06	1.98	2.43	3
Heating Performance (Heat Pumps)⁴				
Heating Input Btu [kW] Rating	23,800 [6.97]	23,600 [6.91]	27,800 [8.15]	33,200 [9.73]
System Power KW/COP	1.94/3.5	1.88/3.7	2.27/3.6	2.73/3.6
Low Temp. Btuh [kW] Rating	13,800 [4.04]	12,900 [3.78]	15,500 [4.54]	18,000 [5.27]
System Power KW/COP	1.78/2.2	1.7/2.24	2.07/2.2	2.5/2.2
HSPF (Btu/Watts-hr)	8	8	8	8
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	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]	14.51 [1.35]	14.51 [1.35]	16.32 [1.52]	11.2 [1.04]
Rows / FPI [FPcm]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]	2 / 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]	5.54 [0.51]	5.54 [0.51]	7.39 [0.69]	7.39 [0.69]
Rows / FPI [FPcm]	2 / 15 [6]	2 / 15 [6]	2 / 15 [6]	2 / 15 [6]
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]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	2700 [1274]	2700 [1274]	2700 [1274]	2700 [1274]
No. Motors/HP	1 at 1/5 HP	1 at 1/3 HP	1 at 1/5 HP	1 at 1/5 HP
Motor RPM	1075	869	1075	1075
Indoor Fan—Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/9x7 [228.6x177.8]	1/9x7 [229x178]	1/10x9 [254x228.6]	1/10x9 [254x228.6]
Drive Type/No. Speeds	Direct/2	Direct/2	Direct/3	Direct/3
No. Motors	1	1	1	1
Motor HP	1/3	1/3	1/2	1/2
Motor RPM	1050	1050	1050	1075
Motor Frame Size	48	48	48	48
Filter—Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(No.) Size Recommended in. [mm]	(1)1x20x20 [25x508x508]	(1)1x20x20 [25x508x508]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	98 [2778]	98 [2778]	108 [3062]	146 [4139]
Weights				
Net Weight lbs. [kg]	391 [177]	391 [177]	444 [201]	471 [214]
Ship Weight lbs. [kg]	401 [182]	401 [182]	455 [206]	482 [219]

See Page 12 for Notes.

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NOMINAL SIZES 2-4 TONS [7.03-14.07 kW]

Model RQPL- Series	B036JK	B042CK	B042JK	B048CK
Cooling Performance¹				CONTINUED →
Gross Cooling Capacity Btu [kW]	36,800 [10.78]	43,500 [12.75]	43,500 [12.75]	49,000 [14.36]
EER/SEER ²	12/14	11.3/14	11.3/14	11.5/14
Nominal CFM/AHRI Rated CFM [L/s]	1200/1250 [566/590]	1400/1400 [661/661]	1400/1400 [661/661]	1600/1600 [755/755]
AHRI Net Cooling Capacity Btu [kW]	36,000 [10.55]	42,500 [12.45]	42,500 [12.45]	47,500 [13.92]
Net Sensible Capacity Btu [kW]	27,000 [7.91]	31,500 [9.23]	31,500 [9.23]	36,000 [10.55]
Net Latent Capacity Btu [kW]	9,000 [2.64]	11,000 [3.22]	11,000 [3.22]	11,500 [3.37]
Net System Power kW	3	3.85	3.85	4.26
Heating Performance (Heat Pumps)⁴				
Heating Input Btu [kW] Rating	33,200 [9.73]	41,500 [12.16]	41,500 [12.16]	46,000 [13.48]
System Power KW/COP	2.73/3.6	3.65/3.4	3.65/3.4	3.89/3.45
Low Temp. Btuh [kW] Rating	18,000 [5.27]	24,200 [7.09]	24,200 [7.09]	26,600 [7.79]
System Power KW/COP	2.5/2.2	3.43/2.08	3.43/2.08	3.57/2.2
HSPF (Btu/Watts-hr)	8	8	8	8
Compressor				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
Outdoor Sound Rating (dB)³	76	76	76	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]	11.2 [1.04]	16.32 [1.52]	16.32 [1.52]	16.32 [1.52]
Rows / FPI [FPcm]	2 / 22 [9]	2 / 22 [9]	2 / 22 [9]	2 / 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]	7.39 [0.69]	7.39 [0.69]	7.39 [0.69]	7.39 [0.69]
Rows / FPI [FPcm]	2 / 15 [6]	2 / 15 [6]	2 / 15 [6]	2 / 15 [6]
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]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	2700 [1274]	3300 [1557]	3300 [1557]	3000 [1416]
No. Motors/HP	1 at 1/5 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]	1/10x9 [254x228.6]	1/10x9 [254x228.6]	1/10x9 [254x228.6]	1/10x9 [254x228.6]
Drive Type/No. Speeds	Direct/3	Direct/2	Direct/2	Direct/2
No. Motors	1	1	1	1
Motor HP	1/2	3/4	3/4	3/4
Motor RPM	1050	1075	1075	1075
Motor Frame Size	48	48	48	48
Filter—Type	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(No.) Size Recommended in. [mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	146 [4139]	176 [4990]	176 [4990]	183 [5188]
Weights				
Net Weight lbs. [kg]	468 [212]	508 [230]	505 [229]	500 [227]
Ship Weight lbs. [kg]	479 [217]	519 [235]	516 [234]	511 [232]

See Page 12 for Notes.

[] Designates Metric Conversions

NOMINAL SIZES 2-4 TONS [7.03-14.07 kW]

Model RQPL- Series	B048JK
Cooling Performance¹	
Gross Cooling Capacity Btu [kW]	49,000 [14.36]
EER/SEER ²	11.5/14
Nominal CFM/AHRI Rated CFM [L/s]	1600/1600 [755/755]
AHRI Net Cooling Capacity Btu [kW]	47,500 [13.92]
Net Sensible Capacity Btu [kW]	36,000 [10.55]
Net Latent Capacity Btu [kW]	11,500 [3.37]
Net System Power kW	4.26
Heating Performance (Heat Pumps)⁴	
Heating Input Btu [kW] Rating	46,000 [13.48]
System Power KW/COP	3.89/3.45
Low Temp. Btuh [kW] Rating	26,600 [7.79]
System Power KW/COP	3.57/2.2
HSPF (Btu/Watts-hr)	8
Compressor	
No./Type	1/Scroll
Outdoor Sound Rating (dB)³	
	78
Outdoor Coil—Fin Type	
Tube Type	Louvered
	Rifled
Tube Size in. [mm] OD	0.375 [9.5]
Face Area sq. ft. [sq. m]	16.32 [1.52]
Rows / FPI [FPcm]	2 / 22 [9]
Refrigerant Control	TX Valves
Indoor Coil—Fin Type	
Tube Type	Louvered
	Rifled
Tube Size in. [mm]	0.375 [9.5]
Face Area sq. ft. [sq. m]	7.39 [0.69]
Rows / FPI [FPcm]	2 / 15 [6]
Refrigerant Control	TX Valves
Drain Connection No./Size in. [mm]	1/1 [25.4]
Outdoor Fan—Type	
	Propeller
No. Used/Diameter in. [mm]	1/22 [558.8]
Drive Type/No. Speeds	Direct/1
CFM [L/s]	3000 [1416]
No. Motors/HP	1 at 1/3 HP
Motor RPM	1075
Indoor Fan—Type	
	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x9 [254x228.6]
Drive Type/No. Speeds	Direct/2
No. Motors	1
Motor HP	3/4
Motor RPM	1075
Motor Frame Size	48
Filter—Type	
	Field Supplied
Furnished	No
(No.) Size Recommended in. [mm]	(1)1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	
	183 [5188]
Weights	
Net Weight lbs. [kg]	510 [231]
Ship Weight lbs. [kg]	521 [236]

See Page 12 for Notes.

[] Designates Metric Conversions



NOTES:

1. Cooling Performance is rated at 95° F ambient, 80° F entering dry bulb, 67° F entering wet bulb. Gross capacity does not include the effect of fan motor heat. AHRI capacity is net and includes the effect of fan motor heat. Units are suitable for operation in CFM range shown in airflow tables. 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. Outdoor Sound Rating shown is tested in accordance with AHRI Standard 270.
4. Heating Performance is rated at 47° F ambient, 70° F entering dry bulb for High Temp rating and 17° F ambient, 70° F entering dry bulb for Low Temp rating. Performance ratings do include the effect of fan motor heat.



COOLING PERFORMANCE DATA—RQNL-024

		ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①									
		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
		880 [415]	800 [378]	720 [340]	880 [415]	800 [378]	720 [340]	880 [415]	800 [378]	720 [340]	
		CFM [L/s]									
		DR ①	.17	.15	.13	.17	.15	.13	.17	.15	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	29.4 [8.62] 18.2 [5.33] 1.5	28.9 [8.47] 17.4 [5.10] 1.5	28.3 [8.29] 16.6 [4.86] 1.5	28.1 [8.24] 21.0 [6.15] 1.5	27.6 [8.09] 20.1 [5.89] 1.5	27.1 [7.94] 19.1 [5.60] 1.5	27.1 [7.94] 22.3 [6.54] 1.5	26.6 [7.80] 21.3 [6.24] 1.5	26.1 [7.65] 20.3 [5.95] 1.5
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	29.2 [8.56] 18.0 [5.28] 1.6	28.6 [8.38] 17.2 [5.04] 1.6	28.1 [8.24] 16.4 [4.81] 1.6	27.8 [8.15] 20.8 [6.10] 1.6	27.3 [8.00] 19.8 [5.80] 1.6	26.8 [7.85] 18.9 [5.54] 1.6	26.8 [7.85] 22.1 [6.48] 1.6	26.4 [7.74] 21.1 [6.18] 1.6	25.9 [7.59] 20.1 [5.89] 1.6
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	28.5 [8.35] 17.6 [5.16] 1.7	28.0 [8.21] 16.8 [4.92] 1.7	27.5 [8.06] 16.0 [4.69] 1.7	27.2 [7.97] 20.4 [5.98] 1.7	26.7 [7.83] 19.5 [5.71] 1.7	26.2 [7.68] 18.6 [5.45] 1.7	26.2 [7.68] 21.7 [6.36] 1.7	25.7 [7.53] 20.7 [6.07] 1.7	25.2 [7.39] 19.7 [5.77] 1.7
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	27.5 [8.06] 17.1 [5.01] 1.8	27.0 [7.91] 16.3 [4.78] 1.8	26.5 [7.77] 15.6 [4.57] 1.8	26.1 [7.65] 19.9 [5.83] 1.8	25.7 [7.53] 19.0 [5.57] 1.8	25.2 [7.39] 18.1 [5.30] 1.8	25.2 [7.39] 21.2 [6.21] 1.8	24.7 [7.24] 20.2 [5.92] 1.8	24.3 [7.12] 19.3 [5.66] 1.8
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	26.2 [7.68] 16.5 [4.84] 1.9	25.8 [7.56] 15.8 [4.63] 1.9	25.3 [7.41] 15.0 [4.40] 1.9	24.9 [7.30] 19.3 [5.66] 1.9	24.5 [7.18] 18.5 [5.42] 1.9	24.0 [7.03] 17.6 [5.16] 1.9	23.9 [7.00] 20.6 [6.04] 1.9	23.5 [6.89] 19.7 [5.77] 1.9	23.1 [6.77] 18.8 [5.51] 1.9
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	24.9 [7.30] 15.9 [4.66] 2.0	24.4 [7.15] 15.2 [4.45] 2.0	24.0 [7.03] 14.5 [4.25] 2.0	23.5 [6.89] 18.7 [5.48] 2.0	23.1 [6.77] 17.9 [5.25] 2.0	22.7 [6.65] 17.0 [4.98] 2.0	22.5 [6.59] 20.0 [5.86] 2.0	22.1 [6.48] 19.1 [5.60] 2.0	21.7 [6.36] 18.2 [5.33] 2.0
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	23.5 [6.89] 15.2 [4.45] 2.1	23.1 [6.77] 14.5 [4.25] 2.1	22.7 [6.65] 13.9 [4.07] 2.1	22.2 [6.51] 18.0 [5.28] 2.1	21.8 [6.39] 17.2 [5.04] 2.1	21.4 [6.27] 16.4 [4.81] 2.1	21.2 [6.21] 19.3 [5.66] 2.1	20.8 [6.10] 18.5 [5.42] 2.1	20.4 [5.98] 17.6 [5.16] 2.1
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	22.2 [6.51] 14.6 [4.28] 2.2	21.8 [6.39] 14.0 [4.10] 2.2	21.4 [6.27] 13.3 [3.90] 2.2	20.9 [6.13] 17.4 [5.10] 2.2	20.5 [6.01] 16.7 [4.89] 2.2	20.1 [5.89] 15.9 [4.66] 2.2	19.9 [5.83] 18.7 [5.48] 2.2	19.5 [5.71] 17.9 [5.25] 2.2	19.2 [5.63] 17.0 [4.98] 2.2
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	21.1 [6.18] 14.0 [4.10] 2.3	20.7 [6.07] 13.4 [3.93] 2.3	20.3 [5.95] 12.8 [3.75] 2.3	19.8 [5.80] 16.9 [4.95] 2.3	19.4 [5.69] 16.1 [4.72] 2.3	19.0 [5.57] 15.4 [4.51] 2.3	18.8 [5.51] 18.1 [5.30] 2.3	18.4 [5.39] 17.3 [5.07] 2.3	18.1 [5.30] 16.5 [4.84] 2.3

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 x CFM x (1 – DR) x (dbE – 80)].

HEATING PERFORMANCE DATA—RQNL-024

		IDB	60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
		CFM [L/s]	880 [415]	800 [378]	720 [340]	880 [415]	800 [378]	720 [340]	880 [415]	800 [378]	720 [340]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	8.3 [2.43] 1.4	8.3 [2.43] 1.4	8.2 [2.40] 1.4	7.4 [2.17] 1.6	7.4 [2.17] 1.6	7.3 [2.14] 1.6	6.0 [1.76] 1.8	6.0 [1.76] 1.8	5.9 [1.73] 1.9
	5 [-15]	Total BTUH [kW] Power	10.0 [2.93] 1.4	9.9 [2.90] 1.4	9.8 [2.87] 1.4	9.1 [2.67] 1.6	9.0 [2.64] 1.6	9.0 [2.64] 1.6	7.6 [2.23] 1.8	7.6 [2.23] 1.8	7.5 [2.20] 1.9
	10 [-12.2]	Total BTUH [kW] Power	11.6 [3.40] 1.4	11.5 [3.37] 1.4	11.4 [3.34] 1.5	10.7 [3.14] 1.6	10.6 [3.11] 1.6	10.6 [3.11] 1.6	9.3 [2.73] 1.8	9.2 [2.70] 1.9	9.1 [2.67] 1.9
	15 [-9.4]	Total BTUH [kW] Power	13.2 [3.87] 1.4	13.1 [3.84] 1.5	13.0 [3.81] 1.5	12.3 [3.60] 1.6	12.3 [3.60] 1.6	12.2 [3.58] 1.7	10.9 [3.19] 1.9	10.8 [3.17] 1.9	10.8 [3.17] 1.9
	20 [-6.7]	Total BTUH [kW] Power	14.9 [4.37] 1.5	14.8 [4.34] 1.5	14.7 [4.31] 1.5	14.0 [4.10] 1.6	13.9 [4.07] 1.7	13.8 [4.04] 1.7	12.5 [3.66] 1.9	12.5 [3.66] 1.9	12.4 [3.63] 1.9
	25 [-3.9]	Total BTUH [kW] Power	16.5 [4.84] 1.5	16.4 [4.81] 1.5	16.3 [4.78] 1.5	15.6 [4.57] 1.7	15.5 [4.54] 1.7	15.4 [4.51] 1.7	14.2 [4.16] 1.9	14.1 [4.13] 1.9	14.0 [4.10] 2.0
	30 [-1.1]	Total BTUH [kW] Power	18.1 [5.30] 1.5	18.0 [5.28] 1.5	17.9 [5.25] 1.5	17.2 [5.04] 1.7	17.1 [5.01] 1.7	17.0 [4.98] 1.7	15.8 [4.63] 1.9	15.7 [4.60] 2.0	15.6 [4.57] 2.0
	35 [1.7]	Total BTUH [kW] Power	19.8 [5.80] 1.5	19.6 [5.74] 1.5	19.5 [5.71] 1.6	18.9 [5.54] 1.7	18.7 [5.48] 1.7	18.6 [5.45] 1.7	17.4 [5.10] 1.9	17.3 [5.07] 2.0	17.2 [5.04] 2.0
	40 [4.4]	Total BTUH [kW] Power	21.4 [6.27] 1.5	21.3 [6.24] 1.6	21.1 [6.18] 1.6	20.5 [6.01] 1.7	20.4 [5.98] 1.7	20.2 [5.92] 1.8	19.1 [5.60] 2.0	18.9 [5.54] 2.0	18.8 [5.51] 2.0
	45 [7.2]	Total BTUH [kW] Power	23.0 [6.74] 1.6	22.9 [6.71] 1.6	22.7 [6.65] 1.6	22.1 [6.48] 1.7	22.0 [6.45] 1.8	21.8 [6.39] 1.8	20.7 [6.07] 2.0	20.6 [6.04] 2.0	20.4 [5.98] 2.0
50 [10]	Total BTUH [kW] Power	24.7 [7.24] 1.6	24.5 [7.18] 1.6	24.3 [7.12] 1.6	23.8 [6.98] 1.8	23.6 [6.92] 1.8	23.4 [6.86] 1.8	22.3 [6.54] 2.0	22.2 [6.51] 2.0	22.0 [6.45] 2.1	

IDB—Indoor air dry bulb

[] Designates Metric Conversions





COOLING PERFORMANCE DATA—RQNL-030

ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①											
wbE		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
CFM [L/s]		1100 [519]	1000 [472]	900 [425]	1100 [519]	1000 [472]	900 [425]	1100 [519]	1000 [472]	900 [425]	
DR ①		.02	.18	.16	.02	.18	.16	.02	.18	.16	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	36.1 [10.58] 22.0 [6.45] 1.9	35.4 [10.37] 21.0 [6.15] 1.9	34.8 [10.20] 20.0 [5.86] 1.8	34.1 [9.99] 25.3 [7.41] 1.8	33.4 [9.79] 24.2 [7.09] 1.8	32.8 [9.61] 23.0 [6.74] 1.8	32.7 [9.58] 26.7 [7.83] 1.9	32.1 [9.41] 25.5 [7.47] 1.9	31.5 [9.23] 24.3 [7.12] 1.8
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	34.9 [10.23] 21.4 [6.27] 2.0	34.3 [10.05] 20.4 [5.98] 1.9	33.6 [9.85] 19.5 [5.71] 1.9	32.9 [9.64] 24.7 [7.24] 1.9	32.3 [9.47] 23.6 [6.92] 1.9	31.7 [9.29] 22.5 [6.59] 1.9	31.5 [9.23] 26.1 [7.65] 2.0	31.0 [9.09] 25.0 [7.33] 1.9	30.4 [8.91] 23.8 [6.98] 1.9
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	33.8 [9.91] 20.8 [6.10] 2.1	33.2 [9.73] 19.9 [5.83] 2.0	32.6 [9.55] 19.0 [5.57] 2.0	31.8 [9.32] 24.1 [7.06] 2.0	31.2 [9.14] 23.0 [6.74] 2.0	30.6 [8.97] 22.0 [6.45] 2.0	30.4 [8.91] 25.5 [7.47] 2.1	29.8 [8.73] 24.4 [7.15] 2.0	29.3 [8.59] 23.3 [6.83] 2.0
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	32.6 [9.55] 20.2 [5.92] 2.2	32.0 [9.38] 19.3 [5.66] 2.1	31.5 [9.23] 18.4 [5.39] 2.1	30.6 [8.97] 23.5 [6.89] 2.1	30.1 [8.82] 22.5 [6.59] 2.1	29.5 [8.65] 21.4 [6.27] 2.1	29.3 [8.59] 25.0 [7.33] 2.2	28.7 [8.41] 23.9 [7.00] 2.1	28.2 [8.26] 22.7 [6.65] 2.1
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	31.5 [9.23] 19.7 [5.77] 2.2	30.9 [9.06] 18.8 [5.51] 2.2	30.4 [8.91] 17.9 [5.25] 2.2	29.5 [8.65] 23.0 [6.74] 2.2	29.0 [8.50] 22.0 [6.45] 2.2	28.4 [8.32] 20.9 [6.13] 2.2	28.1 [8.24] 24.4 [7.15] 2.2	27.6 [8.09] 23.3 [6.83] 2.2	27.1 [7.94] 22.2 [6.51] 2.2
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	30.3 [8.88] 19.2 [5.63] 2.3	29.8 [8.73] 18.3 [5.36] 2.3	29.3 [8.59] 17.4 [5.10] 2.3	28.3 [8.29] 22.4 [6.56] 2.3	27.8 [8.15] 21.4 [6.27] 2.3	27.3 [8.00] 20.4 [5.98] 2.3	27.0 [7.91] 23.9 [7.00] 2.3	26.5 [7.77] 22.8 [6.68] 2.3	26.0 [7.62] 21.7 [6.36] 2.3
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	29.2 [8.56] 18.6 [5.45] 2.4	28.6 [8.38] 17.8 [5.22] 2.4	28.1 [8.24] 16.9 [4.95] 2.4	27.2 [7.97] 21.9 [6.42] 2.4	26.7 [7.83] 20.9 [6.13] 2.4	26.2 [7.68] 19.9 [5.83] 2.4	25.8 [7.56] 23.3 [6.83] 2.4	25.3 [7.41] 22.3 [6.54] 2.4	24.9 [7.30] 21.3 [6.24] 2.4
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	27.9 [8.18] 18.1 [5.30] 2.5	27.4 [8.03] 17.3 [5.07] 2.5	26.9 [7.88] 16.5 [4.84] 2.5	25.9 [7.59] 21.4 [6.27] 2.5	25.5 [7.47] 20.4 [5.98] 2.5	25.0 [7.33] 19.5 [5.71] 2.5	24.6 [7.21] 22.8 [6.68] 2.5	24.1 [7.06] 21.8 [6.39] 2.5	23.7 [6.95] 20.8 [6.10] 2.5
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	26.6 [7.80] 17.5 [5.13] 2.6	26.1 [7.65] 16.7 [4.89] 2.6	25.7 [7.53] 15.9 [4.66] 2.6	24.6 [7.21] 20.8 [6.10] 2.6	24.2 [7.09] 19.9 [5.83] 2.6	23.7 [6.95] 19.0 [5.57] 2.5	23.3 [6.83] 22.2 [6.51] 2.6	22.8 [6.68] 21.2 [6.21] 2.6	22.4 [6.56] 20.3 [5.95] 2.6

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 x CFM x (1 – DR) x (dbE – 80)].

HEATING PERFORMANCE DATA—RQNL-030

IDB											
CFM [L/s]		60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]			
		1100 [519]	1000 [472]	900 [425]	1100 [519]	1000 [472]	900 [425]	1100 [519]	1000 [472]	900 [425]	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	9.3 [2.73] 1.6	9.3 [2.73] 1.6	9.2 [2.70] 1.6	7.8 [2.29] 1.8	7.7 [2.26] 1.8	7.7 [2.26] 1.8	6.4 [1.88] 2.0	6.3 [1.85] 2.0	6.3 [1.85] 2.1
	5 [-15]	Total BTUH [kW] Power	11.3 [3.31] 1.6	11.2 [3.28] 1.6	11.1 [3.25] 1.6	9.7 [2.84] 1.8	9.6 [2.81] 1.8	9.6 [2.81] 1.9	8.3 [2.43] 2.0	8.2 [2.40] 2.1	8.2 [2.40] 2.1
	10 [-12.2]	Total BTUH [kW] Power	13.2 [3.87] 1.6	13.1 [3.84] 1.7	13.0 [3.81] 1.7	11.6 [3.40] 1.9	11.5 [3.37] 1.9	11.5 [3.37] 1.9	10.2 [2.99] 2.1	10.1 [2.96] 2.1	10.1 [2.96] 2.1
	15 [-9.4]	Total BTUH [kW] Power	15.1 [4.43] 1.7	15.0 [4.40] 1.7	14.9 [4.37] 1.7	13.5 [3.96] 1.9	13.5 [3.96] 1.9	13.4 [3.93] 1.9	12.1 [3.55] 2.1	12.0 [3.52] 2.1	12.0 [3.52] 2.2
	20 [-6.7]	Total BTUH [kW] Power	17.0 [4.98] 1.7	16.9 [4.95] 1.7	16.8 [4.92] 1.7	15.5 [4.54] 1.9	15.4 [4.51] 1.9	15.3 [4.48] 2.0	14.0 [4.10] 2.1	13.9 [4.07] 2.2	13.8 [4.04] 2.2
	25 [-3.9]	Total BTUH [kW] Power	18.9 [5.54] 1.7	18.8 [5.51] 1.8	18.7 [5.48] 1.8	17.4 [5.10] 1.9	17.3 [5.07] 2.0	17.1 [5.01] 2.0	16.0 [4.69] 2.2	15.9 [4.66] 2.2	15.7 [4.60] 2.2
	30 [-1.1]	Total BTUH [kW] Power	20.9 [6.13] 1.8	20.7 [6.07] 1.8	20.6 [6.04] 1.8	19.3 [5.66] 2.0	19.2 [5.63] 2.0	19.0 [5.57] 2.0	17.9 [5.25] 2.2	17.8 [5.22] 2.2	17.6 [5.16] 2.3
	35 [1.7]	Total BTUH [kW] Power	22.8 [6.68] 1.8	22.6 [6.62] 1.8	22.5 [6.59] 1.8	21.2 [6.21] 2.0	21.1 [6.18] 2.0	20.9 [6.13] 2.1	19.8 [5.80] 2.2	19.7 [5.77] 2.3	19.5 [5.71] 2.3
	40 [4.4]	Total BTUH [kW] Power	24.7 [7.24] 1.8	24.5 [7.18] 1.8	24.4 [7.15] 1.9	23.2 [6.80] 2.0	23.0 [6.74] 2.1	22.8 [6.68] 2.1	21.7 [6.36] 2.3	21.6 [6.33] 2.3	21.4 [6.27] 2.3
	45 [7.2]	Total BTUH [kW] Power	26.6 [7.80] 1.9	26.4 [7.74] 1.9	26.3 [7.71] 1.9	25.1 [7.36] 2.1	24.9 [7.30] 2.1	24.7 [7.24] 2.1	23.7 [6.95] 2.3	23.5 [6.89] 2.3	23.3 [6.83] 2.3
50 [10]	Total BTUH [kW] Power	28.6 [8.38] 1.9	28.4 [8.32] 1.9	28.2 [8.26] 1.9	27.0 [7.91] 2.1	26.8 [7.85] 2.1	26.6 [7.80] 2.1	25.6 [7.50] 2.3	25.4 [7.44] 2.4	25.2 [7.39] 2.4	

IDB—Indoor air dry bulb

[] Designates Metric Conversions





COOLING PERFORMANCE DATA—RQNL-036

		ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①									
		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
		1380 [651]	1250 [590]	1120 [528]	1380 [651]	1250 [590]	1120 [528]	1380 [651]	1250 [590]	1120 [528]	
		CFM [L/s]									
		DR ①	.21	.19	.17	.21	.19	.17	.21	.19	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	44.5 [13.04]	43.7 [12.81]	42.9 [12.57]	42.5 [12.46]	41.7 [12.22]	40.9 [11.99]	41.3 [12.10]	40.6 [11.90]	39.8 [11.66]
		Sens BTUH [kW]	27.2 [7.97]	26.0 [7.62]	24.8 [7.27]	31.3 [9.17]	29.9 [8.76]	28.5 [8.35]	33.7 [9.88]	32.2 [9.44]	30.7 [9.00]
		Power	2.3	2.3	2.2	2.3	2.2	2.2	2.2	2.2	2.2
	80 [26.7]	Total BTUH [kW]	43.4 [12.72]	42.6 [12.48]	41.8 [12.25]	41.3 [12.10]	40.6 [11.90]	39.9 [11.69]	40.2 [11.78]	39.5 [11.58]	38.8 [11.37]
		Sens BTUH [kW]	26.6 [7.80]	25.4 [7.44]	24.2 [7.09]	30.7 [9.00]	29.3 [8.59]	27.9 [8.18]	33.0 [9.67]	31.6 [9.26]	30.1 [8.82]
		Power	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3
	85 [29.4]	Total BTUH [kW]	42.1 [12.34]	41.3 [12.10]	40.6 [11.90]	40.0 [11.72]	39.3 [11.52]	38.6 [11.31]	38.9 [11.40]	38.2 [11.20]	37.5 [10.99]
		Sens BTUH [kW]	26.0 [7.62]	24.8 [7.27]	23.6 [6.92]	30.0 [8.79]	28.7 [8.41]	27.3 [8.00]	32.4 [9.50]	30.9 [9.06]	29.5 [8.65]
		Power	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
	90 [32.2]	Total BTUH [kW]	40.6 [11.90]	39.9 [11.69]	39.1 [11.46]	38.5 [11.28]	37.9 [11.11]	37.2 [10.90]	37.4 [10.96]	36.7 [10.76]	36.1 [10.58]
Sens BTUH [kW]		25.3 [7.41]	24.1 [7.06]	23.0 [6.74]	29.3 [8.59]	28.0 [8.21]	26.7 [7.83]	31.7 [9.29]	30.3 [8.88]	28.8 [8.44]	
Power		2.7	2.7	2.7	2.7	2.7	2.6	2.7	2.6	2.6	
95 [35]	Total BTUH [kW]	39.0 [11.43]	38.3 [11.22]	37.6 [11.02]	36.9 [10.81]	36.3 [10.64]	35.6 [10.43]	35.8 [10.49]	35.2 [10.32]	34.5 [10.11]	
	Sens BTUH [kW]	24.5 [7.18]	23.4 [6.86]	22.3 [6.54]	28.6 [8.38]	27.3 [8.00]	26.0 [7.62]	30.9 [9.06]	29.6 [8.67]	28.2 [8.26]	
	Power	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	
100 [37.8]	Total BTUH [kW]	37.3 [10.93]	36.7 [10.76]	36.0 [10.55]	35.3 [10.35]	34.6 [10.14]	34.0 [9.96]	34.1 [9.99]	33.5 [9.82]	32.9 [9.64]	
	Sens BTUH [kW]	23.7 [6.95]	22.7 [6.65]	21.6 [6.33]	27.8 [8.15]	26.5 [7.77]	25.3 [7.41]	30.2 [8.85]	28.8 [8.44]	27.5 [8.06]	
	Power	3.0	3.0	2.9	3.0	2.9	2.9	3.0	2.9	2.9	
105 [40.6]	Total BTUH [kW]	35.6 [10.43]	35.0 [10.26]	34.4 [10.08]	33.6 [9.85]	33.0 [9.67]	32.4 [9.50]	32.4 [9.50]	31.9 [9.35]	31.3 [9.17]	
	Sens BTUH [kW]	22.9 [6.71]	21.9 [6.42]	20.9 [6.13]	27.0 [7.91]	25.8 [7.56]	24.6 [7.21]	29.4 [8.62]	28.1 [8.24]	26.7 [7.83]	
	Power	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	
110 [43.3]	Total BTUH [kW]	34.0 [9.96]	33.4 [9.79]	32.7 [9.58]	31.9 [9.35]	31.3 [9.17]	30.8 [9.03]	30.8 [9.03]	30.2 [8.85]	29.7 [8.70]	
	Sens BTUH [kW]	22.1 [6.48]	21.1 [6.18]	20.1 [5.89]	26.2 [7.68]	25.0 [7.33]	23.8 [6.98]	28.5 [8.35]	27.3 [8.00]	26.0 [7.62]	
	Power	3.3	3.3	3.2	3.3	3.2	3.2	3.2	3.2	3.2	
115 [46.1]	Total BTUH [kW]	32.4 [9.50]	31.8 [9.32]	31.2 [9.14]	30.3 [8.88]	29.8 [8.73]	29.2 [8.56]	29.2 [8.56]	28.6 [8.38]	28.1 [8.24]	
	Sens BTUH [kW]	21.3 [6.24]	20.3 [5.95]	19.4 [5.69]	25.3 [7.41]	24.2 [7.09]	23.1 [6.77]	27.7 [8.12]	26.5 [7.77]	25.2 [7.39]	
	Power	3.4	3.4	3.4	3.4	3.4	3.3	3.4	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 $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

HEATING PERFORMANCE DATA—RQNL-036

		IDB	60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
		CFM [L/s]	1380 [651]	1250 [590]	1120 [528]	1380 [651]	1250 [590]	1120 [528]	1380 [651]	1250 [590]	1120 [528]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW]	11.9 [3.49]	11.9 [3.49]	11.8 [3.46]	9.9 [2.90]	9.8 [2.87]	9.8 [2.87]	8.5 [2.49]	8.5 [2.49]	8.4 [2.46]
		Power	1.8	1.8	1.9	2.1	2.1	2.1	2.4	2.4	2.4
	5 [-15]	Total BTUH [kW]	14.4 [4.22]	14.3 [4.19]	14.2 [4.16]	12.4 [3.63]	12.3 [3.60]	12.2 [3.58]	11.0 [3.22]	10.9 [3.19]	10.8 [3.17]
		Power	1.9	1.9	1.9	2.1	2.1	2.2	2.4	2.4	2.5
	10 [-12.2]	Total BTUH [kW]	16.8 [4.92]	16.7 [4.89]	16.6 [4.86]	14.8 [4.34]	14.7 [4.31]	14.6 [4.28]	13.4 [3.93]	13.3 [3.90]	13.2 [3.87]
		Power	1.9	1.9	1.9	2.2	2.2	2.2	2.4	2.5	2.5
	15 [-9.4]	Total BTUH [kW]	19.3 [5.66]	19.2 [5.63]	19.0 [5.57]	17.3 [5.07]	17.1 [5.01]	17.0 [4.98]	15.9 [4.66]	15.8 [4.63]	15.7 [4.60]
		Power	1.9	2.0	2.0	2.2	2.2	2.2	2.5	2.5	2.5
	20 [-6.7]	Total BTUH [kW]	21.7 [6.36]	21.6 [6.33]	21.4 [6.27]	19.7 [5.77]	19.6 [5.74]	19.4 [5.69]	18.3 [5.36]	18.2 [5.33]	18.1 [5.30]
		Power	2.0	2.0	2.0	2.2	2.3	2.3	2.5	2.6	2.6
25 [-3.9]	Total BTUH [kW]	24.2 [7.09]	24.0 [7.03]	23.9 [7.00]	22.2 [6.51]	22.0 [6.45]	21.8 [6.39]	20.8 [6.10]	20.6 [6.04]	20.5 [6.01]	
	Power	2.0	2.0	2.1	2.3	2.3	2.3	2.6	2.6	2.6	
30 [-1.1]	Total BTUH [kW]	26.7 [7.83]	26.5 [7.77]	26.3 [7.71]	24.6 [7.21]	24.4 [7.15]	24.3 [7.12]	23.2 [6.80]	23.1 [6.77]	22.9 [6.71]	
	Power	2.1	2.1	2.1	2.3	2.3	2.4	2.6	2.6	2.7	
35 [1.7]	Total BTUH [kW]	29.1 [8.53]	28.9 [8.47]	28.7 [8.41]	27.1 [7.94]	26.9 [7.88]	26.7 [7.83]	25.7 [7.53]	25.5 [7.47]	25.3 [7.41]	
	Power	2.1	2.1	2.2	2.4	2.4	2.4	2.6	2.7	2.7	
40 [4.4]	Total BTUH [kW]	31.6 [9.26]	31.3 [9.17]	31.1 [9.11]	29.5 [8.65]	29.3 [8.59]	29.1 [8.53]	28.1 [8.24]	27.9 [8.18]	27.7 [8.12]	
	Power	2.1	2.2	2.2	2.4	2.4	2.5	2.7	2.7	2.8	
45 [7.2]	Total BTUH [kW]	34.0 [9.96]	33.8 [9.91]	33.5 [9.82]	32.0 [9.38]	31.7 [9.29]	31.5 [9.23]	30.6 [8.97]	30.4 [8.91]	30.2 [8.85]	
	Power	2.2	2.2	2.2	2.4	2.5	2.5	2.7	2.8	2.8	
50 [10]	Total BTUH [kW]	36.5 [10.70]	36.2 [10.61]	35.9 [10.52]	34.4 [10.08]	34.2 [10.02]	33.9 [9.94]	33.0 [9.67]	32.8 [9.61]	32.6 [9.55]	
	Power	2.2	2.2	2.3	2.5	2.5	2.5	2.8	2.8	2.8	

IDB—Indoor air dry bulb

[] Designates Metric Conversions





COOLING PERFORMANCE DATA—RQNL-042

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]			1540 [727]	1400 [661]	1260 [595]	1540 [727]	1400 [661]	1260 [595]	1540 [727]	1400 [661]	1260 [595]	
DR ①			.17	.15	.14	.17	.15	.14	.17	.15	.14	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	53.9 [15.80]	52.9 [15.50]	51.9 [15.21]	50.9 [14.92]	50.0 [14.65]	49.1 [14.39]	48.1 [14.10]	47.3 [13.86]	46.4 [13.60]	
		Sens BTUH [kW]	32.2 [9.44]	30.7 [9.00]	29.3 [8.59]	27.1 [8.07]	25.5 [7.51]	24.3 [7.11]	23.3 [6.82]	22.5 [6.54]	21.8 [6.31]	21.2 [6.10]
		Power	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	80 [26.7]	Total BTUH [kW]	52.0 [15.24]	51.0 [14.95]	50.1 [14.68]	49.0 [14.36]	48.1 [14.10]	47.2 [13.83]	46.2 [13.54]	45.4 [13.31]	44.6 [13.07]	
		Sens BTUH [kW]	31.3 [9.17]	29.9 [8.76]	28.5 [8.35]	26.3 [7.77]	24.7 [7.24]	23.5 [6.91]	22.6 [6.64]	21.9 [6.44]	21.3 [6.23]	
		Power	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	
	85 [29.4]	Total BTUH [kW]	50.3 [14.74]	49.4 [14.48]	48.5 [14.21]	47.3 [13.86]	46.5 [13.63]	45.6 [13.36]	44.6 [13.07]	43.8 [12.84]	43.0 [12.60]	
		Sens BTUH [kW]	30.5 [8.94]	29.2 [8.56]	27.8 [8.15]	25.5 [7.51]	23.9 [7.00]	22.7 [6.64]	21.9 [6.44]	21.3 [6.23]	20.7 [6.03]	
		Power	3.3	3.3	3.2	3.3	3.2	3.2	3.2	3.2	3.2	
	90 [32.2]	Total BTUH [kW]	48.7 [14.27]	47.9 [14.04]	47.0 [13.77]	45.8 [13.42]	44.9 [13.16]	44.1 [12.92]	43.0 [12.60]	42.2 [12.37]	41.5 [12.16]	
Sens BTUH [kW]		29.8 [8.73]	28.4 [8.32]	27.1 [7.94]	24.7 [7.24]	23.2 [6.73]	22.0 [6.44]	21.3 [6.23]	20.7 [6.03]	20.1 [5.83]		
Power		3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4		
95 [35]	Total BTUH [kW]	47.2 [13.83]	46.4 [13.60]	45.5 [13.33]	44.2 [12.95]	43.4 [12.72]	42.7 [12.51]	41.5 [12.16]	40.7 [11.93]	40.0 [11.72]		
	Sens BTUH [kW]	29.0 [8.50]	27.7 [8.12]	26.4 [7.74]	24.0 [7.00]	22.4 [6.50]	21.3 [6.23]	20.7 [6.03]	20.1 [5.83]	19.5 [5.63]		
	Power	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5		
100 [37.8]	Total BTUH [kW]	45.6 [13.36]	44.8 [13.13]	44.0 [12.90]	42.6 [12.48]	41.9 [12.28]	41.1 [12.05]	39.9 [11.69]	39.2 [11.49]	38.5 [11.28]		
	Sens BTUH [kW]	28.2 [8.26]	26.9 [7.88]	25.7 [7.53]	23.2 [6.73]	21.7 [6.31]	20.6 [6.03]	20.0 [5.83]	19.4 [5.63]	18.8 [5.43]		
	Power	3.8	3.8	3.7	3.8	3.7	3.7	3.8	3.7	3.7		
105 [40.6]	Total BTUH [kW]	43.8 [12.84]	43.0 [12.60]	42.3 [12.40]	40.8 [11.96]	40.1 [11.75]	39.4 [11.55]	38.1 [11.17]	37.4 [10.96]	36.7 [10.76]		
	Sens BTUH [kW]	27.4 [8.03]	26.1 [7.65]	24.9 [7.30]	22.3 [6.44]	20.9 [6.03]	19.8 [5.83]	19.2 [5.63]	18.6 [5.43]	18.0 [5.23]		
	Power	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9		
110 [43.3]	Total BTUH [kW]	41.7 [12.22]	41.0 [12.02]	40.2 [11.78]	38.8 [11.37]	38.1 [11.17]	37.4 [10.96]	36.0 [10.55]	35.4 [10.37]	34.7 [10.17]		
	Sens BTUH [kW]	26.4 [7.74]	25.2 [7.39]	24.1 [7.06]	21.4 [6.23]	20.0 [5.83]	18.9 [5.63]	18.3 [5.43]	17.7 [5.23]	17.1 [5.03]		
	Power	4.1	4.1	4.1	4.1	4.1	4.0	4.1	4.1	4.0		
115 [46.1]	Total BTUH [kW]	39.3 [11.52]	38.6 [11.31]	37.9 [11.11]	36.3 [10.64]	35.6 [10.43]	35.0 [10.26]	33.5 [9.82]	32.9 [9.64]	32.3 [9.47]		
	Sens BTUH [kW]	25.4 [7.44]	24.2 [7.09]	23.1 [6.77]	20.3 [5.83]	19.0 [5.51]	17.9 [5.23]	17.3 [5.03]	16.7 [4.83]	16.1 [4.63]		
	Power	4.3	4.3	4.2	4.3	4.2	4.2	4.3	4.2	4.2		

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 x CFM x (1 - DR) x (dbE - 80)].

HEATING PERFORMANCE DATA—RQNL-042

IDB											
CFM [L/s]			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
			1540 [727]	1400 [661]	1260 [595]	1540 [727]	1400 [661]	1260 [595]	1540 [727]	1400 [661]	1260 [595]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW]	13.9 [4.07]	13.8 [4.04]	13.7 [4.02]	12.9 [3.78]	12.8 [3.75]	12.8 [3.75]	11.2 [3.28]	11.1 [3.25]	11.1 [3.25]
		Power	2.6	2.6	2.6	3.0	3.0	3.1	3.3	3.4	3.4
	5 [-15]	Total BTUH [kW]	16.9 [4.95]	16.8 [4.92]	16.7 [4.89]	16.0 [4.69]	15.8 [4.63]	15.7 [4.60]	14.2 [4.16]	14.1 [4.13]	14.0 [4.10]
		Power	2.6	2.6	2.7	3.0	3.1	3.1	3.4	3.4	3.5
	10 [-12.2]	Total BTUH [kW]	20.0 [5.86]	19.8 [5.80]	19.7 [5.77]	19.0 [5.57]	18.8 [5.51]	18.7 [5.48]	17.3 [5.07]	17.1 [5.01]	17.0 [4.98]
		Power	2.6	2.7	2.7	3.1	3.1	3.1	3.4	3.5	3.5
	15 [-9.4]	Total BTUH [kW]	23.0 [6.74]	22.8 [6.68]	22.6 [6.62]	22.0 [6.45]	21.8 [6.39]	21.7 [6.36]	20.3 [5.95]	20.1 [5.89]	20.0 [5.86]
		Power	2.7	2.7	2.7	3.1	3.1	3.2	3.5	3.5	3.5
	20 [-6.7]	Total BTUH [kW]	26.0 [7.62]	25.8 [7.56]	25.6 [7.50]	25.0 [7.33]	24.8 [7.27]	24.7 [7.24]	23.3 [6.83]	23.1 [6.77]	23.0 [6.74]
		Power	2.7	2.7	2.8	3.1	3.2	3.2	3.5	3.5	3.6
25 [-3.9]	Total BTUH [kW]	29.0 [8.50]	28.8 [8.44]	28.6 [8.38]	28.0 [8.21]	27.8 [8.15]	27.6 [8.09]	26.3 [7.71]	26.1 [7.65]	25.9 [7.59]	
	Power	2.8	2.8	2.8	3.2	3.2	3.3	3.5	3.6	3.6	
30 [-1.1]	Total BTUH [kW]	32.0 [9.38]	31.8 [9.32]	31.6 [9.26]	31.1 [9.11]	30.8 [9.03]	30.6 [8.97]	29.3 [8.59]	29.1 [8.53]	28.9 [8.47]	
	Power	2.8	2.8	2.9	3.2	3.2	3.3	3.6	3.6	3.7	
35 [1.7]	Total BTUH [kW]	35.1 [10.29]	34.8 [10.20]	34.6 [10.14]	34.1 [9.99]	33.8 [9.91]	33.6 [9.85]	32.4 [9.50]	32.1 [9.41]	31.9 [9.35]	
	Power	2.8	2.9	2.9	3.2	3.3	3.3	3.6	3.6	3.7	
40 [4.4]	Total BTUH [kW]	38.1 [11.17]	37.8 [11.08]	37.5 [10.99]	37.1 [10.87]	36.8 [10.79]	36.6 [10.73]	35.4 [10.37]	35.1 [10.29]	34.9 [10.23]	
	Power	2.9	2.9	2.9	3.3	3.3	3.4	3.6	3.7	3.7	
45 [7.2]	Total BTUH [kW]	41.1 [12.05]	40.8 [11.96]	40.5 [11.87]	40.1 [11.75]	39.8 [11.66]	39.6 [11.61]	38.4 [11.25]	38.1 [11.17]	37.9 [11.11]	
	Power	2.9	2.9	3.0	3.3	3.4	3.4	3.7	3.7	3.8	
50 [10]	Total BTUH [kW]	44.1 [12.92]	43.8 [12.84]	43.5 [12.75]	43.1 [12.63]	42.8 [12.54]	42.5 [12.46]	41.4 [12.13]	41.1 [12.05]	40.8 [11.96]	
	Power	2.9	3.0	3.0	3.4	3.4	3.4	3.7	3.8	3.8	

IDB—Indoor air dry bulb

[] Designates Metric Conversions





COOLING PERFORMANCE DATA—RQNL-048

		ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①									
		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
wbE		1760 [831]	1600 [755]	1440 [680]	1760 [831]	1600 [755]	1440 [680]	1760 [831]	1600 [755]	1440 [680]	
CFM [L/s]		1760 [831]	1600 [755]	1440 [680]	1760 [831]	1600 [755]	1440 [680]	1760 [831]	1600 [755]	1440 [680]	
DR ①		.15	.13	.11	.15	.13	.11	.15	.13	.11	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	60.4 [17.70] 37.4 [10.96] 3.2	59.3 [17.38] 35.7 [10.46] 3.2	58.3 [17.09] 34.1 [9.99] 3.2	57.1 [16.73] 42.7 [12.51] 3.2	56.1 [16.44] 40.8 [11.96] 3.2	55.0 [16.12] 38.9 [11.40] 3.1	54.5 [15.97] 45.0 [13.19] 3.2	53.5 [15.68] 43.0 [12.60] 3.1	52.5 [15.39] 41.0 [12.02] 3.1
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	58.8 [17.23] 36.6 [10.73] 3.4	57.8 [16.94] 35.0 [10.26] 3.4	56.7 [16.62] 33.3 [9.76] 3.3	55.5 [16.27] 41.9 [12.28] 3.4	54.5 [15.97] 40.0 [11.72] 3.4	53.5 [15.68] 38.2 [11.20] 3.3	52.9 [15.50] 44.2 [12.95] 3.4	51.9 [15.21] 42.2 [12.37] 3.3	51.0 [14.95] 40.3 [11.81] 3.3
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	57.0 [16.71] 35.7 [10.46] 3.6	56.0 [16.41] 34.1 [9.99] 3.6	55.0 [16.12] 32.5 [9.52] 3.5	53.7 [15.74] 41.0 [12.02] 3.6	52.7 [15.44] 39.2 [11.49] 3.5	51.8 [15.18] 37.3 [10.93] 3.5	51.1 [14.98] 43.3 [12.69] 3.5	50.2 [14.71] 41.4 [12.13] 3.5	49.3 [14.45] 39.4 [11.55] 3.5
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	55.1 [16.15] 34.8 [10.20] 3.8	54.1 [15.86] 33.2 [9.73] 3.7	53.1 [15.56] 31.7 [9.29] 3.7	51.7 [15.15] 40.1 [11.75] 3.8	50.8 [14.89] 38.3 [11.22] 3.7	49.9 [14.62] 36.5 [10.70] 3.7	49.1 [14.39] 42.4 [12.43] 3.7	48.3 [14.16] 40.5 [11.87] 3.7	47.4 [13.89] 38.6 [11.31] 3.7
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	53.1 [15.56] 33.8 [9.91] 4.0	52.1 [15.27] 32.3 [9.47] 3.9	51.2 [15.01] 30.8 [9.03] 3.9	49.8 [14.59] 39.1 [11.46] 3.9	48.9 [14.33] 37.4 [10.96] 3.9	48.0 [14.07] 35.6 [10.43] 3.9	47.2 [13.83] 41.4 [12.13] 3.9	46.3 [13.57] 39.6 [11.61] 3.9	45.5 [13.33] 37.7 [11.05] 3.9
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	51.1 [14.98] 32.9 [9.64] 4.2	50.2 [14.71] 31.4 [9.20] 4.1	49.3 [14.45] 29.9 [8.76] 4.1	47.8 [14.01] 38.2 [11.20] 4.1	46.9 [13.75] 36.5 [10.70] 4.1	46.1 [13.51] 34.8 [10.20] 4.1	45.2 [13.25] 40.5 [11.87] 4.1	44.4 [13.01] 38.7 [11.34] 4.1	43.6 [12.78] 36.9 [10.81] 4.0
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	49.3 [14.45] 32.0 [9.38] 4.3	48.4 [14.18] 30.6 [8.97] 4.3	47.5 [13.92] 29.2 [8.56] 4.3	46.0 [13.48] 37.3 [10.93] 4.3	45.1 [13.22] 35.7 [10.46] 4.3	44.3 [12.98] 34.0 [9.96] 4.2	43.4 [12.72] 39.6 [11.61] 4.3	42.6 [12.48] 37.9 [11.11] 4.3	41.8 [12.25] 36.1 [10.58] 4.2
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	47.6 [13.95] 31.3 [9.17] 4.5	46.8 [13.72] 29.9 [8.76] 4.5	45.9 [13.45] 28.5 [8.35] 4.5	44.3 [12.98] 36.6 [10.73] 4.5	43.5 [12.75] 34.9 [10.23] 4.5	42.7 [12.51] 33.3 [9.76] 4.4	41.7 [12.22] 38.9 [11.40] 4.5	41.0 [12.02] 37.1 [10.87] 4.4	40.2 [11.78] 35.4 [10.37] 4.4
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	46.3 [13.57] 30.7 [9.00] 4.7	45.5 [13.33] 29.3 [8.59] 4.7	44.6 [13.07] 27.9 [8.18] 4.6	43.0 [12.60] 36.0 [10.55] 4.7	42.2 [12.37] 34.4 [10.08] 4.7	41.4 [12.13] 32.8 [9.61] 4.6	40.4 [11.84] 38.3 [11.22] 4.7	39.6 [11.61] 36.6 [10.73] 4.6	38.9 [11.40] 34.8 [10.20] 4.6

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 x CFM x (1 – DR) x (dbE – 80)].

HEATING PERFORMANCE DATA—RQNL-048

		60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]			
IDB		1760 [831]	1600 [755]	1440 [680]	1760 [831]	1600 [755]	1440 [680]	1760 [831]	1600 [755]	1440 [680]	
CFM [L/s]		1760 [831]	1600 [755]	1440 [680]	1760 [831]	1600 [755]	1440 [680]	1760 [831]	1600 [755]	1440 [680]	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	16.9 [4.95] 2.6	16.8 [4.92] 2.6	16.7 [4.89] 2.6	15.4 [4.51] 3.0	15.3 [4.48] 3.0	15.2 [4.45] 3.0	14.4 [4.22] 3.4	14.3 [4.19] 3.5	14.2 [4.16] 3.5
	5 [-15]	Total BTUH [kW] Power	20.1 [5.89] 2.6	19.9 [5.83] 2.6	19.8 [5.80] 2.7	18.6 [5.45] 3.0	18.5 [5.42] 3.0	18.3 [5.36] 3.1	17.6 [5.16] 3.5	17.5 [5.13] 3.5	17.3 [5.07] 3.5
	10 [-12.2]	Total BTUH [kW] Power	23.2 [6.80] 2.7	23.1 [6.77] 2.7	22.9 [6.71] 2.7	21.8 [6.39] 3.1	21.6 [6.33] 3.1	21.5 [6.30] 3.1	20.7 [6.07] 3.5	20.6 [6.04] 3.6	20.4 [5.98] 3.6
	15 [-9.4]	Total BTUH [kW] Power	26.4 [7.74] 2.7	26.2 [7.68] 2.8	26.0 [7.62] 2.8	24.9 [7.30] 3.1	24.7 [7.24] 3.2	24.6 [7.21] 3.2	23.9 [7.00] 3.6	23.7 [6.95] 3.6	23.6 [6.92] 3.7
	20 [-6.7]	Total BTUH [kW] Power	29.5 [8.65] 2.8	29.3 [8.59] 2.8	29.1 [8.53] 2.8	28.1 [8.24] 3.2	27.9 [8.18] 3.2	27.7 [8.12] 3.2	27.1 [7.94] 3.6	26.9 [7.88] 3.7	26.7 [7.83] 3.7
	25 [-3.9]	Total BTUH [kW] Power	32.7 [9.58] 2.8	32.5 [9.52] 2.9	32.2 [9.44] 2.9	31.2 [9.14] 3.2	31.0 [9.09] 3.3	30.8 [9.03] 3.3	30.2 [8.85] 3.7	30.0 [8.79] 3.7	29.8 [8.73] 3.8
	30 [-1.1]	Total BTUH [kW] Power	35.9 [10.52] 2.9	35.6 [10.43] 2.9	35.4 [10.37] 2.9	34.4 [10.08] 3.3	34.1 [9.99] 3.3	33.9 [9.94] 3.4	33.4 [9.79] 3.7	33.1 [9.70] 3.8	32.9 [9.64] 3.8
	35 [1.7]	Total BTUH [kW] Power	39.0 [11.43] 2.9	38.7 [11.34] 3.0	38.5 [11.28] 3.0	37.5 [10.99] 3.3	37.3 [10.93] 3.4	37.0 [10.84] 3.4	36.5 [10.70] 3.8	36.3 [10.64] 3.8	36.0 [10.55] 3.9
	40 [4.4]	Total BTUH [kW] Power	42.2 [12.37] 3.0	41.9 [12.28] 3.0	41.6 [12.19] 3.1	40.7 [11.93] 3.4	40.4 [11.84] 3.4	40.1 [11.75] 3.5	39.7 [11.63] 3.8	39.4 [11.55] 3.9	39.1 [11.46] 3.9
	45 [7.2]	Total BTUH [kW] Power	45.3 [13.28] 3.0	45.0 [13.19] 3.1	44.7 [13.10] 3.1	43.9 [12.87] 3.4	43.6 [12.78] 3.5	43.2 [12.66] 3.5	42.8 [12.54] 3.9	42.5 [12.46] 3.9	42.2 [12.37] 4.0
50 [10]	Total BTUH [kW] Power	48.5 [14.21] 3.1	48.1 [14.10] 3.1	47.8 [14.01] 3.2	47.0 [13.77] 3.5	46.7 [13.69] 3.5	46.4 [13.60] 3.6	46.0 [13.48] 3.9	45.7 [13.39] 4.0	45.3 [13.28] 4.0	

IDB—Indoor air dry bulb

[] Designates Metric Conversions





COOLING PERFORMANCE DATA—RQPL-024

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]			940 [444]	850 [401]	760 [359]	940 [444]	850 [401]	760 [359]	940 [444]	850 [401]	760 [359]
DR ①			.15	.13	.11	.15	.13	.11	.15	.13	.11
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	29.9 [8.76]	29.4 [8.62]	28.8 [8.44]	28.6 [8.38]	28.0 [8.21]	27.5 [8.06]	27.6 [8.09]	27.1 [7.94]	26.6 [7.80]
		Sens BTUH [kW]	19.2 [5.63]	18.4 [5.39]	17.5 [5.13]	22.0 [6.45]	21.0 [6.15]	20.1 [5.89]	23.3 [6.83]	22.3 [6.54]	21.2 [6.21]
		Power	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	80 [26.7]	Total BTUH [kW]	29.7 [8.70]	29.1 [8.53]	28.6 [8.38]	28.3 [8.29]	27.8 [8.15]	27.3 [8.00]	27.3 [8.00]	26.8 [7.85]	26.4 [7.74]
		Sens BTUH [kW]	19.0 [5.57]	18.1 [5.30]	17.3 [5.07]	21.8 [6.39]	20.8 [6.10]	19.9 [5.83]	23.1 [6.77]	22.1 [6.48]	21.0 [6.15]
		Power	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	85 [29.4]	Total BTUH [kW]	29.0 [8.50]	28.5 [8.35]	27.9 [8.18]	27.6 [8.09]	27.2 [7.97]	26.7 [7.83]	26.7 [7.83]	26.2 [7.68]	25.7 [7.53]
		Sens BTUH [kW]	18.6 [5.45]	17.8 [5.22]	16.9 [4.95]	21.4 [6.27]	20.5 [6.01]	19.5 [5.71]	22.7 [6.65]	21.7 [6.36]	20.7 [6.07]
		Power	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
90 [32.2]	Total BTUH [kW]	28.0 [8.21]	27.5 [8.06]	27.0 [7.91]	26.6 [7.80]	26.2 [7.68]	25.7 [7.53]	25.6 [7.50]	25.2 [7.39]	24.7 [7.24]	
	Sens BTUH [kW]	18.1 [5.30]	17.3 [5.07]	16.5 [4.84]	20.9 [6.13]	20.0 [5.86]	19.1 [5.60]	22.2 [6.51]	21.2 [6.21]	20.2 [5.92]	
	Power	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	
95 [35]	Total BTUH [kW]	26.7 [7.83]	26.3 [7.71]	25.8 [7.56]	25.4 [7.44]	24.9 [7.30]	24.5 [7.18]	24.4 [7.15]	24.0 [7.03]	23.5 [6.89]	
	Sens BTUH [kW]	17.5 [5.13]	16.7 [4.89]	16.0 [4.69]	20.4 [5.98]	19.4 [5.69]	18.5 [5.42]	21.6 [6.33]	20.7 [6.07]	19.7 [5.77]	
	Power	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	
100 [37.8]	Total BTUH [kW]	25.4 [7.44]	24.9 [7.30]	24.5 [7.18]	24.0 [7.03]	23.6 [6.92]	23.2 [6.80]	23.0 [6.74]	22.6 [6.62]	22.2 [6.51]	
	Sens BTUH [kW]	16.9 [4.95]	16.1 [4.72]	15.4 [4.51]	19.7 [5.77]	18.8 [5.51]	18.0 [5.28]	21.0 [6.15]	20.1 [5.89]	19.1 [5.60]	
	Power	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
105 [40.6]	Total BTUH [kW]	24.0 [7.03]	23.6 [6.92]	23.1 [6.77]	22.6 [6.62]	22.2 [6.51]	21.8 [6.39]	21.7 [6.36]	21.3 [6.24]	20.9 [6.13]	
	Sens BTUH [kW]	16.3 [4.78]	15.5 [4.54]	14.8 [4.34]	19.1 [5.60]	18.2 [5.33]	17.4 [5.10]	20.4 [5.98]	19.5 [5.71]	18.5 [5.42]	
	Power	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
110 [43.3]	Total BTUH [kW]	22.7 [6.65]	22.3 [6.54]	21.9 [6.42]	21.4 [6.27]	21.0 [6.15]	20.6 [6.04]	20.4 [5.98]	20.0 [5.86]	19.6 [5.74]	
	Sens BTUH [kW]	15.6 [4.57]	14.9 [4.37]	14.2 [4.16]	18.5 [5.42]	17.6 [5.16]	16.8 [4.92]	19.7 [5.77]	18.9 [5.54]	18.0 [5.28]	
	Power	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
115 [46.1]	Total BTUH [kW]	21.6 [6.33]	21.2 [6.21]	20.8 [6.10]	20.2 [5.92]	19.9 [5.83]	19.5 [5.71]	19.3 [5.66]	18.9 [5.54]	18.6 [5.45]	
	Sens BTUH [kW]	15.1 [4.43]	14.4 [4.22]	13.7 [4.02]	17.9 [5.25]	17.1 [5.01]	16.3 [4.78]	19.2 [5.63]	18.3 [5.36]	17.5 [5.13]	
	Power	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	

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 x CFM x (1 – DR) x (dbE – 80)].

HEATING PERFORMANCE DATA—RQPL-024

IDB											
CFM [L/s]			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
			940 [444]	850 [401]	760 [359]	940 [444]	850 [401]	760 [359]	940 [444]	850 [401]	760 [359]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW]	8.9 [2.61]	8.8 [2.58]	8.7 [2.55]	8.0 [2.34]	7.9 [2.32]	7.9 [2.32]	6.5 [1.90]	6.5 [1.90]	6.5 [1.90]
		Power	1.4	1.4	1.4	1.6	1.6	1.6	1.8	1.8	1.9
	5 [-15]	Total BTUH [kW]	10.5 [3.08]	10.4 [3.05]	10.4 [3.05]	9.6 [2.81]	9.6 [2.81]	9.5 [2.78]	8.2 [2.40]	8.1 [2.37]	8.1 [2.37]
		Power	1.4	1.4	1.5	1.6	1.6	1.6	1.8	1.9	1.9
	10 [-12.2]	Total BTUH [kW]	12.1 [3.55]	12.1 [3.55]	12.0 [3.52]	11.3 [3.31]	11.2 [3.28]	11.1 [3.25]	9.8 [2.87]	9.8 [2.87]	9.7 [2.84]
		Power	1.4	1.5	1.5	1.6	1.6	1.7	1.9	1.9	1.9
	15 [-9.4]	Total BTUH [kW]	13.8 [4.04]	13.7 [4.02]	13.6 [3.99]	12.9 [3.78]	12.8 [3.75]	12.7 [3.72]	11.5 [3.37]	11.4 [3.34]	11.3 [3.31]
		Power	1.5	1.5	1.5	1.6	1.7	1.7	1.9	1.9	1.9
	20 [-6.7]	Total BTUH [kW]	15.4 [4.51]	15.3 [4.48]	15.2 [4.45]	14.5 [4.25]	14.4 [4.22]	14.3 [4.19]	13.1 [3.84]	13.0 [3.81]	12.9 [3.78]
		Power	1.5	1.5	1.5	1.7	1.7	1.7	1.9	1.9	1.9
	25 [-3.9]	Total BTUH [kW]	17.1 [5.01]	16.9 [4.95]	16.8 [4.92]	16.2 [4.75]	16.1 [4.72]	15.9 [4.66]	14.7 [4.31]	14.6 [4.28]	14.5 [4.25]
		Power	1.5	1.5	1.5	1.7	1.7	1.7	1.9	1.9	2.0
	30 [-1.1]	Total BTUH [kW]	18.7 [5.48]	18.6 [5.45]	18.4 [5.39]	17.8 [5.22]	17.7 [5.19]	17.6 [5.16]	16.4 [4.81]	16.3 [4.78]	16.1 [4.72]
		Power	1.5	1.5	1.6	1.7	1.7	1.7	1.9	2.0	2.0
	35 [1.7]	Total BTUH [kW]	20.3 [5.95]	20.2 [5.92]	20.0 [5.86]	19.4 [5.69]	19.3 [5.66]	19.2 [5.63]	18.0 [5.28]	17.9 [5.25]	17.8 [5.22]
Power		1.5	1.6	1.6	1.7	1.7	1.8	2.0	2.0	2.0	
40 [4.4]	Total BTUH [kW]	22.0 [6.45]	21.8 [6.39]	21.7 [6.36]	21.1 [6.18]	20.9 [6.13]	20.8 [6.10]	19.6 [5.74]	19.5 [5.71]	19.4 [5.69]	
	Power	1.6	1.6	1.6	1.7	1.8	1.8	2.0	2.0	2.0	
45 [7.2]	Total BTUH [kW]	23.6 [6.92]	23.4 [6.86]	23.3 [6.83]	22.7 [6.65]	22.6 [6.62]	22.4 [6.56]	21.3 [6.24]	21.1 [6.18]	21.0 [6.15]	
	Power	1.6	1.6	1.6	1.8	1.8	1.8	2.0	2.0	2.1	
50 [10]	Total BTUH [kW]	25.2 [7.39]	25.1 [7.36]	24.9 [7.30]	24.4 [7.15]	24.2 [7.09]	24.0 [7.03]	22.9 [6.71]	22.8 [6.68]	22.6 [6.62]	
	Power	1.6	1.6	1.6	1.8	1.8	1.8	2.0	2.0	2.1	

IDB—Indoor air dry bulb

[] Designates Metric Conversions





COOLING PERFORMANCE DATA—RQPL-025

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]			930 [439]	850 [401]	760 [359]	930 [439]	850 [401]	760 [359]	930 [439]	850 [401]	760 [359]
DR ①			.15	.17	.19	.15	.17	.19	.15	.17	.19
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	30.4 [8.9]	29.9 [8.8]	29.3 [8.6]	28.5 [8.4]	28.0 [8.2]	27.5 [8.1]	26.8 [7.9]	26.4 [7.7]	25.9 [7.6]
		Sens BTUH [kW]	18.8 [5.5]	17.5 [5.1]	16.1 [4.7]	22.1 [6.5]	20.7 [6.1]	19.2 [5.6]	24.4 [7.2]	23.0 [6.8]	21.4 [6.3]
		Power	1.5	1.4	1.4	1.5	1.5	1.4	1.5	1.5	1.4
	80 [26.7]	Total BTUH [kW]	29.6 [8.7]	29.1 [8.5]	28.5 [8.4]	27.7 [8.1]	27.2 [8.0]	26.7 [7.8]	26.0 [7.6]	25.6 [7.5]	25.1 [7.4]
		Sens BTUH [kW]	18.2 [5.3]	16.9 [5.0]	15.5 [4.6]	21.5 [6.3]	20.1 [5.9]	18.6 [5.5]	23.8 [7.0]	22.4 [6.6]	20.8 [6.1]
		Power	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5
	85 [29.4]	Total BTUH [kW]	28.7 [8.4]	28.2 [8.3]	27.6 [8.1]	26.8 [7.9]	26.3 [7.7]	25.8 [7.6]	25.1 [7.4]	24.7 [7.2]	24.2 [7.1]
		Sens BTUH [kW]	17.5 [5.1]	16.3 [4.8]	14.9 [4.4]	20.9 [6.1]	19.5 [5.7]	18.1 [5.3]	23.2 [6.8]	21.8 [6.4]	20.2 [5.9]
		Power	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	90 [32.2]	Total BTUH [kW]	27.7 [8.1]	27.2 [8.0]	26.7 [7.8]	25.8 [7.6]	25.4 [7.4]	24.9 [7.3]	24.1 [7.1]	23.7 [6.9]	23.3 [6.8]
Sens BTUH [kW]		16.9 [5.0]	15.7 [4.6]	14.4 [4.2]	20.3 [6.0]	19.0 [5.6]	17.6 [5.2]	22.4 [6.6]	21.1 [6.2]	19.7 [5.8]	
Power		1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	
95 [35]	Total BTUH [kW]	26.7 [7.8]	26.2 [7.7]	25.7 [7.5]	24.8 [7.3]	24.4 [7.2]	23.9 [7.0]	23.1 [6.8]	22.7 [6.7]	22.3 [6.5]	
	Sens BTUH [kW]	16.3 [4.8]	15.1 [4.4]	13.9 [4.1]	19.6 [5.8]	18.4 [5.4]	17.0 [5.0]	21.9 [6.4]	20.6 [6.0]	19.2 [5.6]	
	Power	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	
100 [37.8]	Total BTUH [kW]	25.6 [7.5]	25.2 [7.4]	24.7 [7.2]	23.7 [6.9]	23.3 [6.8]	22.9 [6.7]	22.0 [6.4]	21.7 [6.4]	21.3 [6.2]	
	Sens BTUH [kW]	15.8 [4.6]	14.7 [4.3]	13.5 [4.0]	19.0 [5.6]	17.8 [5.2]	16.5 [4.8]	21.3 [6.3]	20.1 [5.9]	18.7 [5.5]	
	Power	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	
105 [40.6]	Total BTUH [kW]	24.5 [7.2]	24.1 [7.1]	23.6 [6.9]	22.6 [6.6]	22.2 [6.5]	21.8 [6.4]	20.9 [6.1]	20.6 [6.0]	20.2 [5.9]	
	Sens BTUH [kW]	15.2 [4.5]	14.2 [4.2]	13.0 [3.8]	18.5 [5.4]	17.3 [5.1]	16.1 [4.7]	20.8 [6.1]	19.6 [5.8]	18.3 [5.4]	
	Power	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
110 [43.3]	Total BTUH [kW]	23.3 [6.8]	22.9 [6.7]	22.5 [6.6]	21.4 [6.3]	21.0 [6.2]	20.6 [6.0]	19.7 [5.8]	19.4 [5.7]	19.0 [5.6]	
	Sens BTUH [kW]	14.7 [4.3]	13.7 [4.0]	12.6 [3.7]	18.0 [5.3]	16.8 [4.9]	15.6 [4.6]	19.7 [5.8]	19.1 [5.6]	17.8 [5.2]	
	Power	2.2	2.1	2.1	2.2	2.1	2.1	2.2	2.1	2.1	
115 [46.1]	Total BTUH [kW]	22.1 [6.5]	21.7 [6.4]	21.3 [6.2]	20.2 [5.9]	19.8 [5.8]	19.4 [5.7]	18.5 [5.4]	18.2 [5.3]	17.8 [5.2]	
	Sens BTUH [kW]	14.2 [4.2]	13.2 [3.9]	12.2 [3.6]	17.5 [5.1]	16.4 [4.8]	15.2 [4.5]	18.5 [5.4]	18.2 [5.3]	17.4 [5.1]	
	Power	2.3	2.3	2.2	2.3	2.3	2.2	2.3	2.3	2.2	

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 $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

HEATING PERFORMANCE DATA—RQPL-025

IDB											
CFM [L/s]			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
			930 [439]	850 [401]	760 [359]	930 [439]	850 [401]	760 [359]	930 [439]	850 [401]	760 [359]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW]	7.3 [2.1]	7.2 [2.1]	7.2 [2.1]	5.9 [1.7]	5.9 [1.7]	5.9 [1.7]	4.6 [1.3]	4.5 [1.3]	4.5 [1.3]
		Power	1.2	1.3	1.3	1.4	1.4	1.4	1.6	1.6	1.6
	5 [-15]	Total BTUH [kW]	9.1 [2.7]	9.1 [2.7]	9.0 [2.6]	7.8 [2.3]	7.7 [2.3]	7.7 [2.3]	6.4 [1.9]	6.4 [1.9]	6.3 [1.8]
		Power	1.3	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.7
	10 [-12.2]	Total BTUH [kW]	11.0 [3.2]	10.9 [3.2]	10.8 [3.2]	9.6 [2.8]	9.5 [2.8]	9.5 [2.8]	8.2 [2.4]	8.2 [2.4]	8.1 [2.4]
		Power	1.3	1.3	1.3	1.5	1.5	1.5	1.7	1.7	1.7
	15 [-9.4]	Total BTUH [kW]	12.8 [3.8]	12.7 [3.7]	12.6 [3.7]	11.4 [3.3]	11.4 [3.3]	11.3 [3.3]	10.1 [3.0]	10.0 [2.9]	9.9 [2.9]
		Power	1.3	1.3	1.4	1.5	1.5	1.5	1.7	1.7	1.7
	20 [-6.7]	Total BTUH [kW]	14.6 [4.3]	14.5 [4.2]	14.4 [4.2]	13.3 [3.9]	13.2 [3.9]	13.1 [3.8]	11.9 [3.5]	11.8 [3.5]	11.8 [3.5]
		Power	1.4	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.8
25 [-3.9]	Total BTUH [kW]	16.5 [4.8]	16.4 [4.8]	16.2 [4.7]	15.1 [4.4]	15.0 [4.4]	14.9 [4.4]	13.8 [4.0]	13.7 [4.0]	13.6 [4.0]	
	Power	1.4	1.4	1.4	1.6	1.6	1.6	1.7	1.8	1.8	
30 [-1.1]	Total BTUH [kW]	18.3 [5.4]	18.2 [5.3]	18.0 [5.3]	17.0 [5.0]	16.8 [4.9]	16.7 [4.9]	15.6 [4.6]	15.5 [4.5]	15.4 [4.5]	
	Power	1.4	1.4	1.4	1.6	1.6	1.6	1.8	1.8	1.8	
35 [1.7]	Total BTUH [kW]	20.1 [5.9]	20.0 [5.9]	19.9 [5.8]	18.8 [5.5]	18.7 [5.5]	18.5 [5.4]	17.4 [5.1]	17.3 [5.1]	17.2 [5.0]	
	Power	1.4	1.5	1.5	1.6	1.6	1.7	1.8	1.8	1.8	
40 [4.4]	Total BTUH [kW]	22.0 [6.4]	21.8 [6.4]	21.7 [6.4]	20.6 [6.0]	20.5 [6.0]	20.3 [5.9]	19.3 [5.7]	19.1 [5.6]	19.0 [5.6]	
	Power	1.5	1.5	1.5	1.6	1.7	1.7	1.8	1.9	1.9	
45 [7.2]	Total BTUH [kW]	23.8 [7.0]	23.7 [6.9]	23.5 [6.9]	22.5 [6.6]	22.3 [6.5]	22.1 [6.5]	21.1 [6.2]	21.0 [6.2]	20.8 [6.1]	
	Power	1.5	1.5	1.5	1.7	1.7	1.7	1.9	1.9	1.9	
50 [10]	Total BTUH [kW]	25.7 [7.5]	25.5 [7.5]	25.3 [7.4]	24.3 [7.1]	24.1 [7.1]	23.9 [7.0]	22.9 [6.7]	22.8 [6.7]	22.6 [6.6]	
	Power	1.5	1.6	1.6	1.7	1.7	1.8	1.9	1.9	1.9	

IDB—Indoor air dry bulb

[] Designates Metric Conversions





COOLING PERFORMANCE DATA—RQPL-030

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]		1160 [547]	1050 [496]	940 [444]	1160 [547]	1050 [496]	940 [444]	1160 [547]	1050 [496]	940 [444]	
DR ①		.15	.13	.11	.15	.13	.11	.15	.13	.11	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	36.9 [10.81] 23.7 [6.95] 1.9	36.2 [10.61] 22.6 [6.62] 1.9	35.5 [10.40] 21.5 [6.30] 1.9	34.9 [10.23] 26.9 [7.88] 1.9	34.2 [10.02] 25.7 [7.53] 1.9	33.6 [9.85] 24.5 [7.18] 1.9	33.5 [9.82] 28.4 [8.32] 1.9	32.9 [9.64] 27.1 [7.94] 1.9	32.3 [9.47] 25.8 [7.56] 1.9
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	35.7 [10.46] 23.1 [6.77] 2.0	35.1 [10.29] 22.0 [6.45] 2.0	34.4 [10.08] 21.0 [6.15] 2.0	33.7 [9.88] 26.3 [7.71] 2.0	33.1 [9.70] 25.2 [7.39] 2.0	32.5 [9.52] 24.0 [7.03] 2.0	32.3 [9.47] 27.8 [8.15] 2.0	31.8 [9.32] 26.5 [7.77] 2.0	31.2 [9.14] 25.3 [7.41] 2.0
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	34.6 [10.14] 22.5 [6.59] 2.1	33.9 [9.94] 21.5 [6.30] 2.1	33.3 [9.76] 20.5 [6.01] 2.1	32.6 [9.55] 25.8 [7.56] 2.1	32.0 [9.38] 24.6 [7.21] 2.1	31.4 [9.20] 23.5 [6.89] 2.1	31.2 [9.14] 27.2 [7.97] 2.1	30.6 [8.97] 26.0 [7.62] 2.1	30.1 [8.82] 24.8 [7.27] 2.1
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	33.4 [9.79] 21.9 [6.42] 2.2	32.8 [9.61] 20.9 [6.13] 2.2	32.2 [9.44] 20.0 [5.86] 2.2	31.4 [9.20] 25.2 [7.39] 2.2	30.9 [9.06] 24.1 [7.06] 2.2	30.3 [8.88] 23.0 [6.74] 2.2	30.1 [8.82] 26.6 [7.80] 2.2	29.5 [8.65] 25.4 [7.44] 2.2	29.0 [8.50] 24.3 [7.12] 2.2
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	32.3 [9.47] 21.4 [6.27] 2.3	31.7 [9.29] 20.4 [5.98] 2.3	31.1 [9.11] 19.5 [5.71] 2.3	30.3 [8.88] 24.7 [7.24] 2.3	29.8 [8.73] 23.6 [6.92] 2.3	29.2 [8.56] 22.5 [6.59] 2.2	28.9 [8.47] 26.1 [7.65] 2.3	28.4 [8.32] 24.9 [7.30] 2.3	27.9 [8.18] 23.8 [6.98] 2.3
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	31.1 [9.11] 20.8 [6.10] 2.4	30.6 [8.97] 19.9 [5.83] 2.4	30.0 [8.79] 19.0 [5.57] 2.4	29.1 [8.53] 24.1 [7.06] 2.4	28.6 [8.38] 23.0 [6.74] 2.4	28.1 [8.24] 22.0 [6.45] 2.3	27.8 [8.15] 25.5 [7.47] 2.4	27.3 [8.00] 24.4 [7.15] 2.4	26.8 [7.85] 23.3 [6.83] 2.4
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	30.0 [8.79] 20.3 [5.95] 2.5	29.4 [8.62] 19.4 [5.69] 2.5	28.9 [8.47] 18.5 [5.42] 2.5	28.0 [8.21] 23.6 [6.92] 2.5	27.5 [8.06] 22.5 [6.59] 2.5	27.0 [7.91] 21.5 [6.30] 2.4	26.6 [7.80] 25.0 [7.33] 2.5	26.1 [7.65] 23.9 [7.00] 2.5	25.6 [7.50] 22.8 [6.68] 2.5
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	28.7 [8.41] 19.7 [5.77] 2.6	28.2 [8.26] 18.8 [5.51] 2.6	27.7 [8.12] 18.0 [5.28] 2.6	26.7 [7.83] 23.0 [6.74] 2.6	26.2 [7.68] 22.0 [6.45] 2.6	25.8 [7.56] 21.0 [6.15] 2.5	25.4 [7.44] 24.4 [7.15] 2.6	24.9 [7.30] 23.4 [6.86] 2.6	24.5 [7.18] 22.3 [6.54] 2.6
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	27.4 [8.03] 19.2 [5.63] 2.7	26.9 [7.88] 18.3 [5.36] 2.7	26.4 [7.74] 17.5 [5.13] 2.7	25.4 [7.44] 22.5 [6.59] 2.7	25.0 [7.33] 21.5 [6.30] 2.6	24.5 [7.18] 20.5 [6.01] 2.6	24.1 [7.06] 23.9 [7.00] 2.7	23.6 [6.92] 22.8 [6.68] 2.7	23.2 [6.80] 21.8 [6.39] 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 x CFM x (1 – DR) x (dbE – 80)].

HEATING PERFORMANCE DATA—RQPL-030

IDB											
CFM [L/s]		60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]			
CFM [L/s]		1160 [547]	1050 [496]	940 [444]	1160 [547]	1050 [496]	940 [444]	1160 [547]	1050 [496]	940 [444]	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	9.5 [2.78] 1.6	9.5 [2.78] 1.6	9.4 [2.75] 1.6	8.0 [2.34] 1.8	7.9 [2.32] 1.8	7.9 [2.32] 1.8	6.6 [1.93] 2.0	6.5 [1.90] 2.0	6.5 [1.90] 2.1
	5 [-15]	Total BTUH [kW] Power	11.5 [3.37] 1.6	11.4 [3.34] 1.6	11.3 [3.31] 1.6	19.9 [2.90] 1.8	19.8 [2.87] 1.8	19.8 [2.87] 1.9	18.5 [2.49] 2.0	18.4 [2.46] 2.1	18.4 [2.46] 2.1
	10 [-12.2]	Total BTUH [kW] Power	13.4 [3.93] 1.6	13.3 [3.90] 1.7	13.2 [3.87] 1.7	11.8 [3.46] 1.9	11.8 [3.46] 1.9	11.7 [3.43] 1.9	10.4 [3.05] 2.1	10.3 [3.02] 2.1	10.3 [3.02] 2.1
	15 [-9.4]	Total BTUH [kW] Power	15.3 [4.48] 1.7	15.2 [4.45] 1.7	15.1 [4.43] 1.7	13.8 [4.04] 1.9	13.7 [4.02] 1.9	13.6 [3.99] 1.9	12.3 [3.60] 2.1	12.3 [3.60] 2.1	12.2 [3.58] 2.2
	20 [-6.7]	Total BTUH [kW] Power	17.2 [5.04] 1.7	17.1 [5.01] 1.7	17.0 [4.98] 1.7	15.7 [4.60] 1.9	15.6 [4.57] 1.9	15.5 [4.54] 2.0	14.3 [4.19] 2.1	14.2 [4.16] 2.2	14.1 [4.13] 2.2
	25 [-3.9]	Total BTUH [kW] Power	19.2 [5.63] 1.7	19.0 [5.57] 1.8	18.9 [5.54] 1.8	17.6 [5.16] 1.9	17.5 [5.13] 2.0	17.4 [5.10] 2.0	16.2 [4.75] 2.2	16.1 [4.72] 2.2	16.0 [4.69] 2.2
	30 [-1.1]	Total BTUH [kW] Power	21.1 [6.18] 1.8	20.9 [6.13] 1.8	20.8 [6.10] 1.8	19.5 [5.71] 2.0	19.4 [5.69] 2.0	19.3 [5.66] 2.0	18.1 [5.30] 2.2	18.0 [5.28] 2.2	17.9 [5.25] 2.3
	35 [1.7]	Total BTUH [kW] Power	23.0 [6.74] 1.8	22.8 [6.68] 1.8	22.7 [6.65] 1.8	21.5 [6.30] 2.0	21.3 [6.24] 2.0	21.2 [6.21] 2.1	20.0 [5.86] 2.2	19.9 [5.83] 2.3	19.7 [5.77] 2.3
	40 [4.4]	Total BTUH [kW] Power	24.9 [7.30] 1.8	24.8 [7.27] 1.8	24.6 [7.21] 1.9	23.4 [6.86] 2.0	23.2 [6.80] 2.1	23.0 [6.74] 2.1	22.0 [6.45] 2.3	21.8 [6.39] 2.3	21.6 [6.33] 2.3
	45 [7.2]	Total BTUH [kW] Power	26.9 [7.88] 1.9	26.7 [7.83] 1.9	26.5 [7.77] 1.9	25.3 [7.41] 2.1	25.1 [7.36] 2.1	24.9 [7.30] 2.1	23.9 [7.00] 2.3	23.7 [6.95] 2.3	23.5 [6.89] 2.4
50 [10]	Total BTUH [kW] Power	28.8 [8.44] 1.9	28.6 [8.38] 1.9	28.4 [8.32] 1.9	27.2 [7.97] 2.1	27.0 [7.91] 2.1	26.8 [7.85] 2.2	25.8 [7.56] 2.3	25.6 [7.50] 2.4	25.4 [7.44] 2.4	

IDB—Indoor air dry bulb

[] Designates Metric Conversions





COOLING PERFORMANCE DATA—RQPL-036

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]			1380 [651]	1250 [590]	1120 [528]	1380 [651]	1250 [590]	1120 [528]	1380 [651]	1250 [590]	1120 [528]
DR ①			.21	.19	.17	.21	.19	.17	.21	.19	.17
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	45.0 [13.19]	44.2 [12.95]	43.4 [12.72]	42.9 [12.57]	42.2 [12.37]	41.4 [12.13]	41.8 [12.25]	41.0 [12.02]	40.3 [11.81]
		Sens BTUH [kW]	27.7 [8.12]	26.5 [7.77]	25.3 [7.41]	31.8 [9.32]	30.4 [8.91]	28.9 [8.47]	34.2 [10.02]	32.6 [9.55]	31.1 [9.11]
		Power	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	80 [26.7]	Total BTUH [kW]	43.9 [12.87]	43.1 [12.63]	42.3 [12.40]	41.8 [12.25]	41.1 [12.05]	40.3 [11.81]	40.7 [11.93]	39.9 [11.69]	39.2 [11.49]
		Sens BTUH [kW]	27.1 [7.94]	25.9 [7.59]	24.7 [7.24]	31.2 [9.14]	29.8 [8.73]	28.4 [8.32]	33.5 [9.82]	32.0 [9.38]	30.5 [8.94]
		Power	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.3	2.3
	85 [29.4]	Total BTUH [kW]	42.6 [12.48]	41.8 [12.25]	41.0 [12.02]	40.5 [11.87]	39.8 [11.66]	39.1 [11.46]	39.4 [11.55]	38.7 [11.34]	37.9 [11.11]
		Sens BTUH [kW]	26.5 [7.77]	25.3 [7.41]	24.1 [7.06]	30.5 [8.94]	29.1 [8.53]	27.8 [8.15]	32.9 [9.64]	31.4 [9.20]	29.9 [8.76]
		Power	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
90 [32.2]	Total BTUH [kW]	41.1 [12.05]	40.3 [11.81]	39.6 [11.61]	39.0 [11.43]	38.3 [11.22]	37.6 [11.02]	37.9 [11.11]	37.2 [10.90]	36.5 [10.70]	
	Sens BTUH [kW]	25.7 [7.53]	24.6 [7.21]	23.5 [6.89]	29.8 [8.73]	28.5 [8.35]	27.1 [7.94]	32.2 [9.44]	30.7 [9.00]	29.3 [8.59]	
	Power	2.7	2.7	2.6	2.7	2.6	2.6	2.6	2.6	2.6	
95 [35]	Total BTUH [kW]	39.5 [11.58]	38.8 [11.37]	38.1 [11.17]	37.4 [10.96]	36.8 [10.79]	36.1 [10.58]	36.3 [10.64]	35.6 [10.43]	35.0 [10.26]	
	Sens BTUH [kW]	25.0 [7.33]	23.9 [7.00]	22.8 [6.68]	29.1 [8.53]	27.8 [8.15]	26.5 [7.77]	31.4 [9.20]	30.0 [8.79]	28.6 [8.38]	
	Power	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	
100 [37.8]	Total BTUH [kW]	37.8 [11.08]	37.1 [10.87]	36.5 [10.70]	35.8 [10.49]	35.1 [10.29]	34.5 [10.11]	34.6 [10.14]	34.0 [9.96]	33.4 [9.79]	
	Sens BTUH [kW]	24.2 [7.09]	23.2 [6.80]	22.1 [6.48]	28.3 [8.29]	27.0 [7.91]	25.8 [7.56]	30.7 [9.00]	29.3 [8.59]	27.9 [8.18]	
	Power	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	
105 [40.6]	Total BTUH [kW]	36.1 [10.58]	35.5 [10.40]	34.8 [10.20]	34.1 [9.99]	33.5 [9.82]	32.8 [9.61]	32.9 [9.64]	32.3 [9.47]	31.7 [9.29]	
	Sens BTUH [kW]	23.4 [6.86]	22.4 [6.56]	21.3 [6.24]	27.5 [8.06]	26.3 [7.71]	25.0 [7.33]	29.9 [8.76]	28.5 [8.35]	27.2 [7.97]	
	Power	3.1	3.1	3.1	3.1	3.1	3.0	3.1	3.0	3.0	
110 [43.3]	Total BTUH [kW]	34.4 [10.08]	33.8 [9.91]	33.2 [9.73]	32.4 [9.50]	31.8 [9.32]	31.2 [9.14]	31.2 [9.14]	30.7 [9.00]	30.1 [8.82]	
	Sens BTUH [kW]	22.6 [6.62]	21.6 [6.33]	20.6 [6.04]	26.7 [7.83]	25.5 [7.47]	24.3 [7.12]	29.0 [8.50]	27.7 [8.12]	26.4 [7.74]	
	Power	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	
115 [46.1]	Total BTUH [kW]	32.8 [9.61]	32.2 [9.44]	31.7 [9.29]	30.8 [9.03]	30.2 [8.85]	29.7 [8.70]	29.6 [8.67]	29.1 [8.53]	28.6 [8.38]	
	Sens BTUH [kW]	21.8 [6.39]	20.8 [6.10]	19.8 [5.80]	25.8 [7.56]	24.7 [7.24]	23.5 [6.89]	28.2 [8.26]	26.9 [7.88]	25.7 [7.53]	
	Power	3.4	3.4	3.3	3.4	3.3	3.3	3.4	3.3	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 $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

HEATING PERFORMANCE DATA—RQPL-036

IDB											
CFM [L/s]			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
			1380 [651]	1250 [590]	1120 [528]	1380 [651]	1250 [590]	1120 [528]	1380 [651]	1250 [590]	1120 [528]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW]	11.7 [3.43]	11.6 [3.40]	11.5 [3.37]	9.6 [2.81]	9.6 [2.81]	9.5 [2.78]	8.3 [2.43]	8.2 [2.40]	8.1 [2.37]
		Power	1.8	1.9	1.9	2.1	2.1	2.1	2.4	2.4	2.4
	5 [-15]	Total BTUH [kW]	14.1 [4.13]	14.0 [4.10]	13.9 [4.07]	12.1 [3.55]	12.0 [3.52]	11.9 [3.49]	10.7 [3.14]	10.6 [3.11]	10.6 [3.11]
		Power	1.9	1.9	1.9	2.1	2.2	2.2	2.4	2.5	2.5
	10 [-12.2]	Total BTUH [kW]	16.6 [4.86]	16.5 [4.84]	16.3 [4.78]	14.5 [4.25]	14.4 [4.22]	14.3 [4.19]	13.2 [3.87]	13.1 [3.84]	13.0 [3.81]
		Power	1.9	1.9	2.0	2.2	2.2	2.2	2.5	2.5	2.5
	15 [-9.4]	Total BTUH [kW]	19.0 [5.57]	18.9 [5.54]	18.8 [5.51]	17.0 [4.98]	16.9 [4.95]	16.7 [4.89]	15.6 [4.57]	15.5 [4.54]	15.4 [4.51]
		Power	2.0	2.0	2.0	2.2	2.2	2.3	2.5	2.5	2.6
	20 [-6.7]	Total BTUH [kW]	21.5 [6.30]	21.3 [6.24]	21.2 [6.21]	19.4 [5.69]	19.3 [5.66]	19.2 [5.63]	18.1 [5.30]	17.9 [5.25]	17.8 [5.22]
		Power	2.0	2.0	2.1	2.3	2.3	2.3	2.5	2.6	2.6
	25 [-3.9]	Total BTUH [kW]	23.9 [7.00]	23.8 [6.98]	23.6 [6.92]	21.9 [6.42]	21.7 [6.36]	21.6 [6.33]	20.5 [6.01]	20.4 [5.98]	20.2 [5.92]
Power		2.0	2.1	2.1	2.3	2.3	2.4	2.6	2.6	2.7	
30 [-1.1]	Total BTUH [kW]	26.4 [7.74]	26.2 [7.68]	26.0 [7.62]	24.3 [7.12]	24.2 [7.09]	24.0 [7.03]	23.0 [6.74]	22.8 [6.68]	22.6 [6.62]	
	Power	2.1	2.1	2.1	2.3	2.4	2.4	2.6	2.7	2.7	
35 [1.7]	Total BTUH [kW]	28.8 [8.44]	28.6 [8.38]	28.4 [8.32]	26.8 [7.85]	26.6 [7.80]	26.4 [7.74]	25.4 [7.44]	25.2 [7.39]	25.1 [7.36]	
	Power	2.1	2.1	2.2	2.4	2.4	2.4	2.7	2.7	2.7	
40 [4.4]	Total BTUH [kW]	31.3 [9.17]	31.1 [9.11]	30.8 [9.03]	29.2 [8.56]	29.0 [8.50]	28.8 [8.44]	27.9 [8.18]	27.7 [8.12]	27.5 [8.06]	
	Power	2.2	2.2	2.2	2.4	2.4	2.5	2.7	2.7	2.8	
45 [7.2]	Total BTUH [kW]	33.7 [9.88]	33.5 [9.82]	33.3 [9.76]	31.7 [9.29]	31.5 [9.23]	31.2 [9.14]	30.3 [8.88]	30.1 [8.82]	29.9 [8.76]	
	Power	2.2	2.2	2.3	2.5	2.5	2.5	2.8	2.8	2.8	
50 [10]	Total BTUH [kW]	36.2 [10.61]	35.9 [10.52]	35.7 [10.46]	34.1 [9.99]	33.9 [9.94]	33.7 [9.88]	32.8 [9.61]	32.5 [9.52]	32.3 [9.47]	
	Power	2.2	2.3	2.3	2.5	2.5	2.6	2.8	2.8	2.9	

IDB—Indoor air dry bulb

[] Designates Metric Conversions





COOLING PERFORMANCE DATA—RQPL-042

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]			1540 [727]	1400 [661]	1260 [595]	1540 [727]	1400 [661]	1260 [595]	1540 [727]	1400 [661]	1260 [595]
DR ①			.17	.15	.14	.17	.15	.14	.17	.15	.14
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW]	53.9 [5.80]	52.9 [15.50]	51.9 [15.21]	50.9 [14.92]	50.0 [14.65]	49.1 [14.39]	48.1 [14.10]	47.3 [13.86]	46.4 [13.60]
		Sens BTUH [kW]	32.2 [9.44]	30.7 [9.00]	29.3 [8.59]	27.1 [10.87]	35.5 [10.40]	33.8 [9.91]	39.3 [11.52]	37.5 [10.99]	35.8 [10.49]
		Power	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	80 [26.7]	Total BTUH [kW]	52.0 [15.24]	51.0 [14.95]	50.1 [14.68]	49.0 [14.36]	48.1 [14.10]	47.2 [13.83]	46.2 [13.54]	45.4 [13.31]	44.6 [13.07]
		Sens BTUH [kW]	31.3 [9.17]	29.9 [8.76]	28.5 [8.35]	36.3 [10.64]	34.7 [10.17]	33.0 [9.67]	38.4 [11.25]	36.7 [10.76]	35.0 [10.26]
		Power	3.1	3.1	3.1	3.1	3.1	3.0	3.1	3.1	3.0
	85 [29.4]	Total BTUH [kW]	50.3 [14.74]	49.4 [14.48]	48.5 [14.21]	47.3 [13.86]	46.5 [13.63]	45.6 [13.36]	44.6 [13.07]	43.8 [12.84]	43.0 [12.60]
		Sens BTUH [kW]	30.5 [8.94]	29.2 [8.56]	27.8 [8.15]	35.5 [10.40]	33.9 [9.94]	32.3 [9.47]	37.6 [11.02]	35.9 [10.52]	34.3 [10.05]
		Power	3.3	3.2	3.2	3.3	3.2	3.2	3.2	3.2	3.2
	90 [32.2]	Total BTUH [kW]	48.7 [14.27]	47.9 [14.04]	47.0 [13.77]	45.8 [13.42]	44.9 [13.16]	44.1 [12.92]	43.0 [12.60]	42.2 [12.37]	41.5 [12.16]
Sens BTUH [kW]		29.8 [8.73]	28.4 [8.32]	27.1 [7.94]	34.7 [10.17]	33.2 [9.73]	31.6 [9.26]	36.8 [10.79]	35.2 [10.32]	33.6 [9.85]	
Power		3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	
95 [35]	Total BTUH [kW]	47.2 [13.83]	46.4 [13.60]	45.5 [13.33]	44.2 [12.95]	43.4 [12.72]	42.7 [12.51]	41.5 [12.16]	40.7 [11.93]	40.0 [11.72]	
	Sens BTUH [kW]	29.0 [8.50]	27.7 [8.12]	26.4 [7.74]	34.0 [9.96]	32.4 [9.50]	30.9 [9.06]	36.1 [10.58]	34.5 [10.11]	32.9 [9.64]	
	Power	3.6	3.6	3.5	3.6	3.6	3.5	3.6	3.6	3.5	
100 [37.8]	Total BTUH [kW]	45.6 [13.36]	44.8 [13.13]	44.0 [12.90]	42.6 [12.48]	41.9 [12.28]	41.1 [12.05]	39.9 [11.69]	39.2 [11.49]	38.5 [11.28]	
	Sens BTUH [kW]	28.2 [8.26]	26.9 [7.88]	25.7 [7.53]	33.2 [9.73]	31.7 [9.29]	30.2 [8.85]	35.3 [10.35]	33.7 [9.88]	32.1 [9.41]	
	Power	3.8	3.7	3.7	3.8	3.7	3.7	3.7	3.7	3.7	
105 [40.6]	Total BTUH [kW]	43.8 [12.84]	43.0 [12.60]	42.3 [12.40]	40.8 [11.96]	40.1 [11.75]	39.4 [11.55]	38.1 [11.17]	37.4 [10.96]	36.7 [10.76]	
	Sens BTUH [kW]	27.4 [8.03]	26.1 [7.65]	24.9 [7.30]	32.3 [9.47]	30.9 [9.06]	29.4 [8.62]	34.4 [10.08]	32.9 [9.64]	31.4 [9.20]	
	Power	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	
110 [43.3]	Total BTUH [kW]	41.7 [12.22]	41.0 [12.02]	40.2 [11.78]	38.8 [11.37]	38.1 [11.17]	37.4 [10.96]	36.0 [10.55]	35.4 [10.37]	34.7 [10.17]	
	Sens BTUH [kW]	26.4 [7.74]	25.2 [7.39]	24.1 [7.06]	31.4 [9.20]	30.0 [8.79]	28.6 [8.38]	33.5 [9.82]	32.0 [9.38]	30.5 [8.94]	
	Power	4.1	4.1	4.0	4.1	4.1	4.0	4.1	4.1	4.0	
115 [46.1]	Total BTUH [kW]	39.3 [11.52]	38.6 [11.31]	37.9 [11.11]	36.3 [10.64]	35.6 [10.43]	35.0 [10.26]	33.5 [9.82]	32.9 [9.64]	32.3 [9.47]	
	Sens BTUH [kW]	25.4 [7.44]	24.2 [7.09]	23.1 [6.77]	30.3 [8.88]	29.0 [8.50]	27.6 [8.09]	32.4 [9.50]	31.0 [9.09]	29.5 [8.65]	
	Power	4.3	4.2	4.2	4.3	4.2	4.2	4.3	4.2	4.2	

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 x CFM x (1 – DR) x (dbE – 80)].

HEATING PERFORMANCE DATA—RQPL-042

IDB											
CFM [L/s]			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			1540 [727]	1400 [661]	1260 [595]	1540 [727]	1400 [661]	1260 [595]	1540 [727]	1400 [661]	1260 [595]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW]	13.9 [4.07]	13.8 [4.04]	13.7 [4.02]	12.9 [3.78]	12.8 [3.75]	12.8 [3.75]	11.2 [3.28]	11.1 [3.25]	11.1 [3.25]
		Power	2.6	2.6	2.6	3.0	3.0	3.1	3.3	3.4	3.4
	5 [-15]	Total BTUH [kW]	16.9 [4.95]	16.8 [4.92]	16.7 [4.89]	16.0 [4.69]	15.8 [4.63]	15.7 [4.60]	14.2 [4.16]	14.1 [4.13]	14.0 [4.10]
		Power	2.6	2.6	2.7	3.0	3.1	3.1	3.4	3.4	3.5
	10 [-12.2]	Total BTUH [kW]	20.0 [5.86]	19.8 [5.80]	19.7 [5.77]	19.0 [5.57]	18.8 [5.51]	18.7 [5.48]	17.3 [5.07]	17.1 [5.01]	17.0 [4.98]
		Power	2.6	2.7	2.7	3.1	3.1	3.1	3.4	3.5	3.5
	15 [-9.4]	Total BTUH [kW]	23.0 [6.74]	22.8 [6.68]	22.6 [6.62]	22.0 [6.45]	21.8 [6.39]	21.7 [6.36]	20.3 [5.95]	20.1 [5.89]	20.0 [5.86]
		Power	2.7	2.7	2.7	3.1	3.1	3.2	3.5	3.5	3.5
	20 [-6.7]	Total BTUH [kW]	26.0 [7.62]	25.8 [7.56]	25.6 [7.50]	25.0 [7.33]	24.8 [7.27]	24.7 [7.24]	23.3 [6.83]	23.1 [6.77]	23.0 [6.74]
		Power	2.7	2.7	2.8	3.1	3.2	3.2	3.5	3.5	3.6
25 [-3.9]	Total BTUH [kW]	29.0 [8.50]	28.8 [8.44]	28.6 [8.38]	28.0 [8.21]	27.8 [8.15]	27.6 [8.09]	26.3 [7.71]	26.1 [7.65]	25.9 [7.59]	
	Power	2.8	2.8	2.8	3.2	3.2	3.3	3.5	3.6	3.6	
30 [-1.1]	Total BTUH [kW]	32.0 [9.38]	31.8 [9.32]	31.6 [9.26]	31.1 [9.11]	30.8 [9.03]	30.6 [8.97]	29.3 [8.59]	29.1 [8.53]	28.9 [8.47]	
	Power	2.8	2.8	2.9	3.2	3.2	3.3	3.6	3.6	3.7	
35 [1.7]	Total BTUH [kW]	35.1 [10.29]	34.8 [10.20]	34.6 [10.14]	34.1 [9.99]	33.8 [9.91]	33.6 [9.85]	32.4 [9.50]	32.1 [9.41]	31.9 [9.35]	
	Power	2.8	2.9	2.9	3.2	3.3	3.3	3.6	3.6	3.7	
40 [4.4]	Total BTUH [kW]	38.1 [11.17]	37.8 [11.08]	37.5 [10.99]	37.1 [10.87]	36.8 [10.79]	36.6 [10.73]	35.4 [10.37]	35.1 [10.29]	34.9 [10.23]	
	Power	2.9	2.9	2.9	3.3	3.3	3.4	3.6	3.7	3.7	
45 [7.2]	Total BTUH [kW]	41.1 [12.05]	40.8 [11.96]	40.5 [11.87]	40.1 [11.75]	39.8 [11.66]	39.5 [11.58]	38.4 [11.25]	38.1 [11.17]	37.9 [11.11]	
	Power	2.9	2.9	3.0	3.3	3.4	3.4	3.7	3.7	3.8	
50 [10]	Total BTUH [kW]	44.1 [12.92]	43.8 [12.84]	43.5 [12.75]	43.1 [12.63]	42.8 [12.54]	42.5 [12.46]	41.4 [12.13]	41.1 [12.05]	40.8 [11.96]	
	Power	2.9	3.0	3.0	3.4	3.4	3.4	3.7	3.8	3.8	

IDB—Indoor air dry bulb

[] Designates Metric Conversions





COOLING PERFORMANCE DATA—RQPL-048

		ENTERING INDOOR AIR @ 80°F [26.7°C] dbE ①									
		71°F [21.7°C]			67°F [19.4°C]			63°F [17.2°C]			
		1760 [831]	1600 [755]	1440 [680]	1760 [831]	1600 [755]	1440 [680]	1760 [831]	1600 [755]	1440 [680]	
		CFM [L/s]									
		DR ①	.15	.13	.11	.15	.13	.11	.15	.13	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total BTUH [kW] Sens BTUH [kW] Power	60.4 [17.70] 37.4 [10.96] 3.2	59.3 [17.38] 35.7 [10.46] 3.1	58.3 [17.09] 34.1 [9.99] 3.1	57.1 [16.73] 42.7 [12.51] 3.1	56.1 [16.44] 40.8 [11.96] 3.1	55.0 [16.12] 38.9 [11.40] 3.1	54.5 [15.97] 45.0 [13.19] 3.1	53.5 [15.68] 43.0 [12.60] 3.1	52.5 [15.39] 41.0 [12.02] 3.1
	80 [26.7]	Total BTUH [kW] Sens BTUH [kW] Power	58.8 [17.23] 36.6 [10.73] 3.4	57.8 [16.94] 35.0 [10.26] 3.3	56.7 [16.62] 33.3 [9.76] 3.3	55.5 [16.27] 41.9 [12.28] 3.3	54.5 [15.97] 40.0 [11.72] 3.3	53.5 [15.68] 38.2 [11.20] 3.3	52.9 [15.50] 44.2 [12.95] 3.3	51.9 [15.21] 42.2 [12.37] 3.3	51.0 [14.95] 40.3 [11.81] 3.2
	85 [29.4]	Total BTUH [kW] Sens BTUH [kW] Power	57.0 [16.71] 35.7 [10.46] 3.5	56.0 [16.41] 34.1 [9.99] 3.5	55.0 [16.12] 32.5 [9.52] 3.5	53.7 [15.74] 41.0 [12.02] 3.5	52.7 [15.44] 39.2 [11.49] 3.5	51.8 [15.18] 37.3 [10.93] 3.5	51.1 [14.98] 43.3 [12.69] 3.5	50.2 [14.71] 41.4 [12.13] 3.5	49.3 [14.45] 39.4 [11.55] 3.4
	90 [32.2]	Total BTUH [kW] Sens BTUH [kW] Power	55.1 [16.15] 34.8 [10.20] 3.7	54.1 [15.86] 33.2 [9.73] 3.7	53.1 [15.56] 31.7 [9.29] 3.7	51.7 [15.15] 40.1 [11.75] 3.7	50.8 [14.89] 38.3 [11.22] 3.7	49.9 [14.62] 36.5 [10.70] 3.6	49.1 [14.39] 42.4 [12.43] 3.7	48.3 [14.16] 40.5 [11.87] 3.6	47.4 [13.89] 38.6 [11.31] 3.6
	95 [35]	Total BTUH [kW] Sens BTUH [kW] Power	53.1 [15.56] 33.8 [9.91] 3.9	52.1 [15.27] 32.3 [9.47] 3.9	51.2 [15.01] 30.8 [9.03] 3.9	49.8 [14.59] 39.1 [11.46] 3.9	48.9 [14.33] 37.4 [10.96] 3.9	48.0 [14.07] 35.6 [10.43] 3.8	47.2 [13.83] 41.4 [12.13] 3.9	46.3 [13.57] 39.6 [11.61] 3.8	45.5 [13.33] 37.7 [11.05] 3.8
	100 [37.8]	Total BTUH [kW] Sens BTUH [kW] Power	51.1 [14.98] 32.9 [9.64] 4.1	50.2 [14.71] 31.4 [9.20] 4.1	49.3 [14.45] 29.9 [8.76] 4.0	47.8 [14.01] 38.2 [11.20] 4.1	46.9 [13.75] 36.5 [10.70] 4.0	46.1 [13.51] 34.8 [10.20] 4.0	45.2 [13.25] 40.5 [11.87] 4.1	44.4 [13.01] 38.7 [11.34] 4.0	43.6 [12.78] 36.9 [10.81] 4.0
	105 [40.6]	Total BTUH [kW] Sens BTUH [kW] Power	49.3 [14.45] 32.0 [9.38] 4.3	48.4 [14.18] 30.6 [8.97] 4.3	47.5 [13.92] 29.2 [8.56] 4.2	46.0 [13.48] 37.3 [10.93] 4.3	45.1 [13.22] 35.7 [10.46] 4.2	44.3 [12.98] 34.0 [9.96] 4.2	43.4 [12.72] 39.6 [11.61] 4.2	42.6 [12.48] 37.9 [11.11] 4.2	41.8 [12.25] 36.1 [10.58] 4.2
	110 [43.3]	Total BTUH [kW] Sens BTUH [kW] Power	47.6 [13.95] 31.3 [9.17] 4.5	46.8 [13.72] 29.9 [8.76] 4.4	45.9 [13.45] 28.5 [8.35] 4.4	44.3 [12.98] 36.6 [10.73] 4.5	43.5 [12.75] 34.9 [10.23] 4.4	42.7 [12.51] 33.3 [9.76] 4.4	41.7 [12.22] 38.9 [11.40] 4.4	41.0 [12.02] 37.1 [10.87] 4.4	40.2 [11.78] 35.4 [10.37] 4.4
	115 [46.1]	Total BTUH [kW] Sens BTUH [kW] Power	46.3 [13.57] 30.7 [9.00] 4.7	45.5 [13.33] 29.3 [8.59] 4.6	44.6 [13.07] 27.9 [8.18] 4.6	43.0 [12.60] 36.0 [10.55] 4.6	42.2 [12.37] 34.4 [10.08] 4.6	41.4 [12.13] 32.8 [9.61] 4.6	40.4 [11.84] 38.3 [11.22] 4.6	39.6 [11.61] 36.6 [10.73] 4.6	38.9 [11.40] 34.8 [10.20] 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 $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

HEATING PERFORMANCE DATA—RQPL-048

		IDB	60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
		CFM [L/s]	1760 [831]	1600 [755]	1440 [680]	1760 [831]	1600 [755]	1440 [680]	1760 [831]	1600 [755]	1440 [680]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total BTUH [kW] Power	16.9 [4.95] 2.6	16.8 [4.92] 2.6	16.7 [4.89] 2.6	15.4 [4.51] 3.0	15.3 [4.48] 3.0	15.2 [4.45] 3.0	14.4 [4.22] 3.4	14.3 [4.19] 3.5	14.2 [4.16] 3.5
	5 [-15]	Total BTUH [kW] Power	20.1 [5.89] 2.6	19.9 [5.83] 2.6	19.8 [5.80] 2.7	18.6 [5.45] 3.0	18.5 [5.42] 3.0	18.3 [5.36] 3.1	17.6 [5.16] 3.5	17.5 [5.13] 3.5	17.3 [5.07] 3.5
	10 [-12.2]	Total BTUH [kW] Power	23.2 [6.80] 2.7	23.1 [6.77] 2.7	22.9 [6.71] 2.7	21.8 [6.39] 3.1	21.6 [6.33] 3.1	21.5 [6.30] 3.1	20.7 [6.07] 3.5	20.6 [6.04] 3.6	20.4 [5.98] 3.6
	15 [-9.4]	Total BTUH [kW] Power	26.4 [7.74] 2.7	26.2 [7.68] 2.8	26.0 [7.62] 2.8	24.9 [7.30] 3.1	24.7 [7.24] 3.2	24.6 [7.21] 3.2	23.9 [7.00] 3.6	23.7 [6.95] 3.6	23.6 [6.92] 3.7
	20 [-6.7]	Total BTUH [kW] Power	29.5 [8.65] 2.8	29.3 [8.59] 2.8	29.1 [8.53] 2.8	28.1 [8.24] 3.2	27.9 [8.18] 3.2	27.7 [8.12] 3.2	27.1 [7.94] 3.6	26.9 [7.88] 3.7	26.7 [7.83] 3.7
	25 [-3.9]	Total BTUH [kW] Power	32.7 [9.58] 2.8	32.5 [9.52] 2.9	32.2 [9.44] 2.9	31.2 [9.14] 3.2	31.0 [9.09] 3.3	30.8 [9.03] 3.3	30.2 [8.85] 3.7	30.0 [8.79] 3.7	29.8 [8.73] 3.8
	30 [-1.1]	Total BTUH [kW] Power	35.9 [10.52] 2.9	35.6 [10.43] 2.9	35.4 [10.37] 2.9	34.4 [10.08] 3.3	34.1 [9.99] 3.3	33.9 [9.94] 3.4	33.4 [9.79] 3.7	33.1 [9.70] 3.8	32.9 [9.64] 3.8
	35 [1.7]	Total BTUH [kW] Power	39.0 [11.43] 2.9	38.7 [11.34] 3.0	38.5 [11.28] 3.0	37.5 [10.99] 3.3	37.3 [10.93] 3.4	37.0 [10.84] 3.4	36.5 [10.70] 3.8	36.3 [10.64] 3.8	36.0 [10.55] 3.9
	40 [4.4]	Total BTUH [kW] Power	42.2 [12.37] 3.0	41.9 [12.28] 3.0	41.6 [12.19] 3.1	40.7 [11.93] 3.4	40.4 [11.84] 3.4	40.1 [11.75] 3.5	39.7 [11.63] 3.8	39.4 [11.55] 3.9	39.1 [11.46] 3.9
	45 [7.2]	Total BTUH [kW] Power	45.3 [13.28] 3.0	45.0 [13.19] 3.1	44.7 [13.10] 3.1	43.9 [12.87] 3.4	43.6 [12.78] 3.5	43.2 [12.66] 3.5	42.8 [12.54] 3.9	42.5 [12.46] 3.9	42.2 [12.37] 4.0
50 [10]	Total BTUH [kW] Power	48.5 [14.21] 3.1	48.1 [14.10] 3.1	47.8 [14.01] 3.2	47.0 [13.77] 3.5	46.7 [13.69] 3.5	46.4 [13.60] 3.6	46.0 [13.48] 3.9	45.7 [13.39] 4.0	45.3 [13.28] 4.0	

IDB—Indoor air dry bulb

[] Designates Metric Conversions





Air

Indoor Airflow Performance
RQNL Series

INDOOR AIRFLOW PERFORMANCE—230 VOLTS

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP [W] & # of Speeds	Motor Speed	External Static Pressure—Inches W.C. [kPa] Side Discharge—Wet Coil							
					0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	
2.0 [7.03]	High	700 CFM/900 CFM [271/319 L/s]	9x7 Blower 1/4 HP [186] 2 Speed (PSC Motor)	Low	CFM	771 [364]	751 [354]	725 [342]	691 [326]	645 [304]	584 [276]	546 [258]
					RPM	825	870	910	950	985	1010	1030
					Watts	253	242	230	217	204	189	181
2.5 [8.79]	Low	875 CFM/1125 CFM [413/531 L/s]	10x9 Blower 1/2 HP [373] 3 Speed (PSC Motor)	Medium	CFM	946 [446]	922 [435]	882 [416]	830 [392]	769 [363]	701 [331]	630 [297]
					RPM	990	1015	1035	1055	1070	1085	1100
					Watts	315	303	288	273	257	241	226
3.0 [10.55]	High	1050 CFM/1350 CFM [496/637 L/s]	10x9 Blower 1/3 HP [249] 1 Speed (PSC Motor)	High	CFM	1206 [569]	1182 [558]	1157 [546]	1128 [532]	1091 [515]	1044 [493]	983 [464]
					RPM	760	815	870	910	950	975	1000
					Watts	419	406	394	381	368	353	334
3.5 [12.31]	Low (Tap 1)	1225 CFM/1575 CFM [578/743 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	High (Tap 2)	CFM	1411 [666]	1368 [646]	1327 [626]	1285 [606]	1238 [584]	1183 [558]	1116 [527]
					RPM	865	900	935	970	1000	1020	1035
					Watts	498	498	481	464	447	431	391
4.0 [14.07]	Low (Tap 1)	1350 CFM/1700 CFM [496/802 L/s]	10x9 Blower 1 HP [744] 1 Speed (PSC Motor)	High	CFM	1641 [774]	1577 [744]	1515 [715]	1455 [687]	1393 [657]	1329 [627]	1262 [596]
					RPM	980	1000	1020	1035	1050	1065	1080
					Watts	589	565	543	523	503	481	456
3.0 [10.55]	High	1050 CFM/1350 CFM [496/637 L/s]	10x9 Blower 1/3 HP [249] 1 Speed (PSC Motor)	High	CFM	1391 [656]	1357 [640]	1312 [619]	1258 [594]	1201 [567]	1145 [540]	1093 [516]
					RPM	835	875	915	940	965	985	1000
					Watts	428	419	406	392	378	365	355
3.5 [12.31]	Low (Tap 1)	1225 CFM/1575 CFM [578/743 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	Low (Tap 1)	CFM	1467 [692]	1439 [679]	1408 [665]	1360 [642]	1331 [628]	1287 [607]	1259 [594]
					RPM	831	854	894	932	972	1005	1042
					Watts	276	282	297	307	319	326	341
4.0 [14.07]	Low (Tap 1)	1350 CFM/1700 CFM [496/802 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	High (Tap 2)	CFM	1550 [732]	1520 [717]	1486 [701]	1449 [684]	1407 [664]	1382 [652]	1337 [631]
					RPM	867	890	930	974	1003	1039	1073
					Watts	317	323	339	355	362	377	385
4.0 [14.07]	Low (Tap 1)	1350 CFM/1700 CFM [496/802 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	Low (Tap 1)	CFM	1692 [799]	1661 [784]	1633 [771]	1589 [750]	1560 [736]	1512 [714]	1442 [681]
					RPM	931	950	982	1018	1054	1082	1103
					Watts	404	409	424	434	450	453	443
4.0 [14.07]	Low (Tap 1)	1350 CFM/1700 CFM [496/802 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	High (Tap 2)	CFM	1748 [825]	1718 [811]	1686 [796]	1647 [777]	1616 [763]	1543 [728]	1472 [695]
					RPM	955	978	1010	1043	1073	1096	1111
					Watts	440	446	462	475	484	473	459

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

DOWN DISCHARGE PRESSURE DROP (ADD TO EXTERNAL STATIC PRESSURE)

CFM [L/s]	600 [283]	800 [378]	1000 [472]	1200 [566]	1400 [661]	1600 [775]
Pressure Drop—Inches W.C. [kPa]	.00	.01 [.002]	.02 [.005]	.03 [.007]	.05 [.012]	.07 [.017]

[] Designates Metric Conversions





INDOOR AIRFLOW PERFORMANCE—208 VOLTS

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP [W] & # of Speeds	Motor Speed	External Static Pressure—Inches W.C. [kPa]								
					0.1 [0.02]	0.2 [.05]	0.3 [0.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	
2.0 [7.03]	High (Tap 1)	700 CFM/900 CFM [271/319 L/s]	9x7 Blower 1/3 HP [249] 3 Speed (X13 Motor)	Low (Tap 1)	CFM	847 [400]	818 [386]	788 [372]	765 [361]	737 [348]	695 [328]	659 [311]	581 [274]
					RPM	892	818	788	765	737	695	659	581
					Watts	145	147	156	157	164	167	167	155
2.5 [8.79]	Low (Tap 1)	875 CFM/1125 CFM [413/531 L/s]	10x9 Blower 1/2 HP [372] 3 Speed (X13 Motor)	High (Tap 2)	CFM	914 [431]	887 [419]	853 [403]	824 [389]	793 [374]	762 [360]	717 [338]	602 [284]
					RPM	934	971	1024	1053	1083	1121	1135	1155
					Watts	173	177	185	186	188	192	185	164
3.0 [10.55]	Low (Tap 1)	1050 CFM/1350 CFM [496/637 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	Low (Tap 1)	CFM	1067 [504]	1034 [488]	992 [468]	957 [452]	912 [430]	820 [387]	778 [367]	729 [344]
					RPM	719	749	791	819	876	952	983	1024
					Watts	143	145	155	159	169	182	185	192
3.5 [12.31]	Low (Tap 1)	1225 CFM/1575 CFM [578/743 L/s]	10x9 Blower 1/2 HP [372] 3 Speed (X13 Motor)	Medium (Tap 2)	CFM	1165 [550]	1132 [534]	1091 [515]	1051 [496]	1009 [476]	959 [453]	855 [404]	819 [387]
					RPM	744	785	833	864	905	951	1020	1053
					Watts	167	177	188	191	202	206	217	351
4.0 [14.07]	Low (Tap 1)	1350 CFM/1700 CFM [496/802 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	High (Tap 3)	CFM	1252 [591]	1213 [572]	1166 [550]	1137 [537]	1099 [519]	1046 [494]	986 [465]	892 [421]
					RPM	796	826	868	893	934	982	1026	1086
					Watts	206	210	219	225	234	245	248	256
3.0 [10.55]	Low (Tap 1)	1050 CFM/1350 CFM [496/637 L/s]	10x9 Blower 1/2 HP [372] 3 Speed (X13 Motor)	Low (Tap 1)	CFM	1247 [589]	1220 [576]	1178 [556]	1143 [539]	1099 [519]	1064 [502]	998 [471]	904 [427]
					RPM	784	819	863	890	932	957	1012	1075
					Watts	200	208	219	224	233	236	246	256
3.5 [12.31]	Low (Tap 1)	1225 CFM/1575 CFM [578/743 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	Medium (Tap 2)	CFM	1307 [617]	1292 [610]	1238 [584]	1214 [573]	1170 [552]	1135 [536]	1087 [513]	989 [467]
					RPM	820	850	889	918	944	981	1028	1087
					Watts	233	242	248	255	262	268	277	284
4.0 [14.07]	Low (Tap 1)	1350 CFM/1700 CFM [496/802 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	High (Tap 3)	CFM	1396 [659]	1357 [640]	1334 [630]	1286 [607]	1253 [591]	1207 [570]	1163 [549]	1103 [521]
					RPM	864	898	920	942	976	1010	1043	1089
					Watts	268	280	288	292	299	304	310	316
3.5 [12.31]	Low (Tap 1)	1225 CFM/1575 CFM [578/743 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	Low (Tap 1)	CFM	1455 [687]	1431 [675]	1396 [659]	1360 [642]	1315 [621]	1285 [606]	1241 [586]	
					RPM	824	856	889	931	968	1009	1041	
					Watts	268	280	288	303	311	325	331	
4.0 [14.07]	Low (Tap 1)	1350 CFM/1700 CFM [496/802 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	High (Tap 2)	CFM	1559 [736]	1530 [722]	1488 [702]	1454 [686]	1417 [669]	1375 [649]	1336 [631]	
					RPM	870	893	932	968	1007	1036	1072	
					Watts	321	327	338	351	364	371	381	
4.0 [14.07]	Low (Tap 1)	1350 CFM/1700 CFM [496/802 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	Low (Tap 1)	CFM	1675 [791]	1658 [782]	1610 [760]	1580 [746]	1535 [724]	1491 [704]	1422 [671]	
					RPM	923	944	979	1013	1045	1077	1098	
					Watts	390	401	412	425	433	440	432	
4.0 [14.07]	Low (Tap 1)	1350 CFM/1700 CFM [496/802 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	High (Tap 2)	CFM	1770 [835]	1751 [826]	1706 [805]	1672 [789]	1624 [766]	1555 [734]	1463 [690]	
					RPM	966	989	1018	1050	1078	1100	1115	
					Watts	454	466	473	486	490	481	460	

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

DOWN DISCHARGE PRESSURE DROP (ADD TO EXTERNAL STATIC PRESSURE)			
CFM [L/s]	600 [283]	1000 [472]	1600 [775]
Pressure Drop—Inches W.C. [kPa]	.00	.03 [.007]	.07 [.017]

[] Designates Metric Conversions





Air

INDOOR AIRFLOW PERFORMANCE—230 VOLTS

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory	Manufacturer Recommended Air-Flow Range (Min/Max) CFM	Blower Size/ Motor HP [W] & # of Speeds	Motor Speed	External Static Pressure—Inches W.C. [kPa]								
					Side Discharge—Wet Coil								
					0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.20]	
2.0 [7.03]	Low (Tap 1)	700 CFM/900 CFM [271/319 L/s]	9x7 Blower 1/3 HP [249] 3 Speed (X13 Motor)	Low (Tap 1)	CFM 862 [407]	834 [394]	819 [387]	781 [369]	761 [359]	729 [344]	695 [328]	606 [286]	
				Medium (Tap 2)	RPM 889	953	974	1018	1065	1101	1133	1156	
				High (Tap 2)	Watts 151	159	162	166	173	176	180	165	
	2.5 [8.79]	Low (Tap 1)	875 CFM/1125 CFM [413/531 L/s]	10x9 Blower 1/2 HP [372] 3 Speed (X13 Motor)	Low (Tap 1)	CFM 918 [433]	888 [419]	874 [412]	838 [395]	819 [387]	781 [369]	711 [336]	616 [291]
					Medium (Tap 2)	RPM 953	988	1032	1060	1091	1126	1146	1157
					High (Tap 3)	Watts 181	184	194	198	200	204	189	168
3.0 [10.55]	Low (Tap 1)	1050 CFM/1350 CFM [496/637 L/s]	10x9 Blower 1/2 HP [372] 3 Speed (X13 Motor)	Low (Tap 1)	CFM 1076 [508]	1041 [491]	1017 [480]	970 [458]	928 [438]	852 [402]	785 [370]	745 [352]	
				Medium (Tap 2)	RPM 715	753	787	825	877	946	1005	1032	
				High (Tap 3)	Watts 144	148	157	169	175	187	198	202	
	3.5 [12.31]	Low (Tap 1)	1225 CFM/1575 CFM [578/743 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	Low (Tap 1)	CFM 1187 [560]	1124 [530]	1096 [517]	1071 [505]	1024 [483]	987 [466]	896 [423]	852 [402]
					Medium (Tap 2)	RPM 762	799	832	859	914	940	1021	1059
					High (Tap 3)	Watts 176	182	191	196	209	212	227	235
4.0 [14.07]	Low (Tap 1)	1350 CFM/1700 CFM [496/802 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	Low (Tap 1)	CFM 1271 [600]	1223 [577]	1169 [552]	1137 [537]	1104 [521]	1071 [505]	1015 [479]	934 [441]	
				Medium (Tap 2)	RPM 797	836	878	905	939	974	1026	1089	
				High (Tap 3)	Watts 212	217	227	231	241	247	257	270	
	4.0 [14.07]	Low (Tap 1)	1350 CFM/1700 CFM [496/802 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	Low (Tap 1)	CFM 1258 [594]	1215 [573]	1200 [566]	1160 [547]	1130 [533]	1082 [511]	1026 [484]	954 [450]
					Medium (Tap 2)	RPM 802	829	861	894	933	971	1020	1077
					High (Tap 3)	Watts 210	217	225	230	239	245	259	268
4.0 [14.07]	Low (Tap 1)	1225 CFM/1575 CFM [578/743 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	Low (Tap 1)	CFM 1336 [631]	1298 [613]	1259 [594]	1229 [580]	1198 [565]	1160 [547]	1116 [527]	1071 [505]	
				Medium (Tap 2)	RPM 821	867	903	920	957	993	1038	1071	
				High (Tap 3)	Watts 239	249	259	262	275	279	290	299	
	4.0 [14.07]	Low (Tap 1)	1225 CFM/1575 CFM [578/743 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	Low (Tap 1)	CFM 1416 [668]	1379 [651]	1342 [633]	1292 [610]	1275 [602]	1240 [585]	1200 [566]	1168 [551]
					Medium (Tap 2)	RPM 874	898	933	952	993	1011	1060	1091
					High (Tap 3)	Watts 285	290	299	304	314	322	328	337
4.0 [14.07]	Low (Tap 1)	1350 CFM/1700 CFM [496/802 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	Low (Tap 1)	CFM 1467 [692]	1439 [679]	1408 [665]	1360 [642]	1331 [628]	1287 [607]	1259 [594]		
				Medium (Tap 2)	RPM 831	854	894	932	972	1005	1042		
				High (Tap 2)	Watts 276	282	297	307	319	326	341		
	4.0 [14.07]	Low (Tap 1)	1350 CFM/1700 CFM [496/802 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	Low (Tap 1)	CFM 1550 [732]	1520 [717]	1486 [701]	1449 [684]	1407 [664]	1382 [652]	1337 [631]	
					Medium (Tap 2)	RPM 867	890	930	974	1003	1039	1073	
					High (Tap 2)	Watts 317	323	339	355	362	377	385	
4.0 [14.07]	Low (Tap 1)	1350 CFM/1700 CFM [496/802 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	Low (Tap 1)	CFM 1692 [799]	1661 [784]	1633 [771]	1589 [750]	1560 [736]	1512 [714]	1442 [681]		
				Medium (Tap 2)	RPM 931	950	982	1018	1054	1082	1103		
				High (Tap 2)	Watts 404	409	424	434	450	453	443		
	4.0 [14.07]	Low (Tap 1)	1350 CFM/1700 CFM [496/802 L/s]	10x9 Blower 3/4 HP [559] 2 Speed (X13 Motor)	Low (Tap 1)	CFM 1748 [825]	1718 [811]	1686 [796]	1647 [777]	1616 [778]	1543 [779]	1472 [780]	
					Medium (Tap 2)	RPM 955	978	1010	1043	1073	1096	1111	
					High (Tap 2)	Watts 440	446	462	475	484	473	459	

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

DOWN DISCHARGE PRESSURE DROP (ADD TO EXTERNAL STATIC PRESSURE)			
CFM [L/s]	600 [283]	1000 [472]	1600 [775]
Pressure Drop—Inches W.C. [kPa]	.00	.02 [.005]	.07 [.017]

[] Designates Metric Conversions



ELECTRICAL DATA – RQNL- SERIES

		-B024JK	-B030JK	-B036CK	-B036JK	-B042CK	-B042JK	-B048CK	-B048JK
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	19/19	22/22	17/17	24/24	25/25	33/33	26/26	37/37
	Minimum Overcurrent Protection Device Size	25/25	25/25	20/20	25/25	30/30	35/35	30/30	40/40
	Maximum Overcurrent Protection Device Size	30/30	35/35	25/25	40/40	35/35	50/50	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 1/2	3	3	3 1/2	3 1/2	4	4
	RPM	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	12.8/12.8	14.1/14.1	10.4/10.4	16.7/16.7	13.1/13.1	19.9/19.9	13.7/13.7	23.8/23.8
	Amps (LRA)	58.3/58.3	73/73	88/88	79/79	83.1/83.1	109/109	83.1/83.1	117/117
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	1/5	1/5	1/5	1/5	1/3	1/3	1/3	1/3
	Amps (FLA)	1.3	1.3	1.3	1.3	2	2	2	2
	Amps (LRA)	2.2	2.2	2.2	2.2	3.9	3.9	3.9	3.9
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	1/4	1/2	1/3	1/3	3/4	3/4	3/4	3/4
	Amps (FLA)	1.5	2.4	1.7	1.7	6	6	6	6
	Amps (LRA)	2.4	5.1	2.5	2.5	0	0	0	0

ELECTRICAL DATA – RQPL- SERIES

		-B024JK	B025JK	-B030JK	-B036CK	-B036JK	-B042CK	-B042JK	-B048CK	-B048JK
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253	187-253
	Minimum Circuit Ampacity	21/21	21/21	24/24	19/19	27/27	25/25	33/33	26/26	37/37
	Minimum Overcurrent Protection Device Size	25/25	25/25	25/25	20/20	30/30	30/30	35/35	30/30	40/40
	Maximum Overcurrent Protection Device Size	30/30	30/30	35/35	25/25	40/40	35/35	50/50	35/35	50/50
Compressor Motor	No.	1	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	208/230
	Phase	1	1	1	3	1	3	1	3	1
	HP	2	2	2 1/2	3	3	3 1/2	3 1/2	4	4
	RPM	3450	3450	3450	3450	3450	3450	3450	3450	3450
	Amps (RLA)	12.8/12.8	12.8/12.8	14.1/14.1	10.4/10.4	16.7/16.7	13.1/13.1	19.9/19.9	13.7/13.7	23.8/23.8
	Amps (LRA)	58.3/58.3	58.3/58.3	73/73	88/88	79/79	83.1/83.1	109/109	83.1/83.1	117/117
Condenser Motor	No.	1	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	208/230
	Phase	1	1	1	1	1	1	1	1	1
	HP	1/5	1/3	1/5	1/5	1/5	1/3	1/3	1/3	1/3
	Amps (FLA)	1.3	1.3/1.3	1.3	1.3	1.3	2	2	2	2
	Amps (LRA)	2.2	0/0	2.2	2.2	2.2	3.9	3.9	3.9	3.9
Evaporator Fan	No.	1	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	208/230
	Phase	1	1	1	1	1	1	1	1	1
	HP	1/3	1/3	1/2	1/2	1/2	3/4	3/4	3/4	3/4
	Amps (FLA)	2.8	2.8/2.8	4.1	4.1	4.1	6	6	6	6
	Amps (LRA)	0	0/0	0	0	0	0	0	0	0

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



Unit Model Application	Electric Heater Kit Models
RQNL/RQPL-B024JK & RQPL-B025JK	RXQJ-A05J (208-240 volt, 1-ph, 5kW)
	RXQJ-A10J (208-240 volt, 1-ph, 10kW)
RQNL/RQPL-B030JK	RXQJ-A05J (208-240 volt, 1-ph, 5kW)
	RXQJ-A10J (208-240 volt, 1-ph, 10kW)
RQNL/RQPL-B036JK	RXQJ-A10J (208-240 volt, 1-ph, 10kW)
	RXQJ-A15J (208-240 volt, 1-ph, 15kW)
RQNL/RQPL-B042JK	RXQJ-10J (208-240 volt, 1-ph, 10kW)
	RXQJ-15J (208-240 volt, 1-ph, 15kW)
RQNL/RQPL-B048JK	RXQJ-10J (208-240 volt, 1-ph, 10kW)
	RXQJ-15J (208-240 volt, 1-ph, 15kW)
RQNL/RQPL-B036CK	RXQJ-A10C (208-240 volt, 3-ph, 10kW)
	RXQJ-A15C (208-240 volt, 3-ph, 15kW)
RQNL/RQPL-B042CK	RXQJ-A10C (208-240 volt, 3-ph, 10kW)
	RXQJ-A15C (208-240 volt, 3-ph, 15kW)
RQNL/RQPL-B048CK	RXQJ-A10C (208-240 volt, 3-ph, 10kW)
	RXQJ-A15C (208-240 volt, 3-ph, 15kW)

WARNING

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



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

Single Power Supply For Both Unit and Heater Kit													
Unit Model No. RQNL-	Heater Kit						Heat Pump						
	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		Heater Kit		Heat Pump	
								Min./Max. @ 208 V	Min./Max. @ 240 V	Min. Ckt. Ampacity 208/240V	Max. Fuse Size 208/240V	Min. Circuit Ampacity 208-240 V	Over Current Protective Device Size Min./Max. @ 208 V
B024JK	No Heat A05J A10J	1 2	1 2	3.6/4.8 7.2/9.6	12.28/16.38 24.56/32.75	17.3/20.0 34.6/40.0	19/19 41/44 62/69	30/30 45/50 70/70	22/25 44/50	— 25/25 45/50	19/19	30/30	30/30
B030JK	No Heat A05J A10J	1 2	1 2	3.6/4.8 7.2/9.6	12.28/16.38 24.56/32.75	17.3/20.0 34.6/40.0	22/22 43/47 65/72	35/35 50/50 70/80	22/25 44/50	25/25 45/50	22/22	35/35	35/35
B036JK	No Heat A10J A15J	2 3	2 2	7.2/9.6 10.8/14.4	24.56/32.75 36.84/49.13	34.6/40.0 51.9/60.0	24/24 68/74 89/99	40/40 70/80 90/100	44/50 65/75	45/50 70/80	24/24	40/40	40/40
B042JK	No Heat B10J B15J	2 3	2 2	7.2/9.6 10.8/14.4	24.56/32.75 36.84/49.13	34.6/40.0 51.9/60.0	33/83 77/83 98/108	50/50 80/90 100/110	44/50 65/75	45/50 70/80	33/33	50/50	50/50
B048JK	No Heat B10J B15J	2 3	2 2	7.2/9.6 10.8/14.4	24.56/32.75 36.84/49.13	34.6/40.0 51.9/60.0	37/37 80/87 102/112	50/50 90/90 110/125	44/50 65/75	45/50 70/80	37/37	50/50	50/50

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

Single Power Supply For Both Unit and Heater Kit													
Unit Model No. RQNL-	Heater Kit						Heat Pump						
	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		Heater Kit		Heat Pump	
								Min./Max. @ 208 V	Min./Max. @ 240 V	Min. Ckt. Ampacity 208/240V	Max. Fuse Size 208/240V	Min. Circuit Ampacity 208-240 V	Over Current Protective Device Size Min./Max. @ 208 V
B036CK	No Heat A10C A15C	3 3	3 3	7.2/9.6 10.8/14.4	24.56/32.75 36.84/49.13	20.0/23.1 30.1/34.7	17/17 42/45 54/60	25/25 45/45 60/60	25/29 38/44	25/30 40/45	17/17	25/25	25/25
B042CK	No Heat A10C A15C	3 3	3 3	7.2/9.6 10.8/14.4	24.56/32.75 36.84/49.13	20.0/23.1 30.1/34.7	25/25 50/54 63/68	35/35 50/60 70/70	25/29 38/44	25/30 40/45	25/25	35/35	35/35
B048CK	No Heat A10C A15C	3 3	3 3	7.2/9.6 10.8/14.4	24.56/32.75 36.84/49.13	20.0/23.1 30.1/34.7	26/26 51/55 63/69	35/35 60/60 70/70	25/29 38/44	25/30 40/45	26/26	35/35	35/35

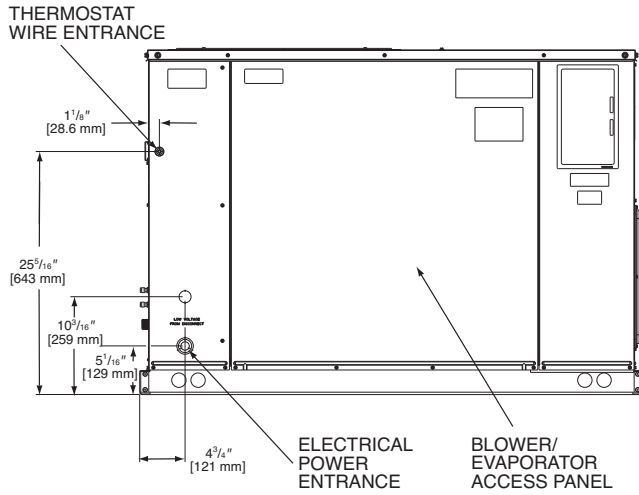
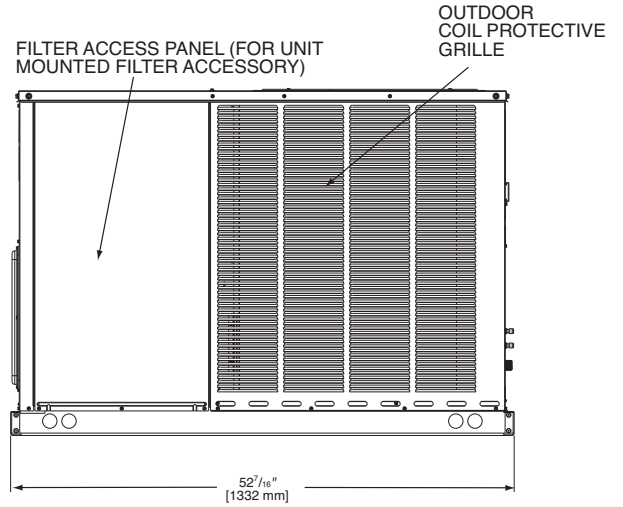
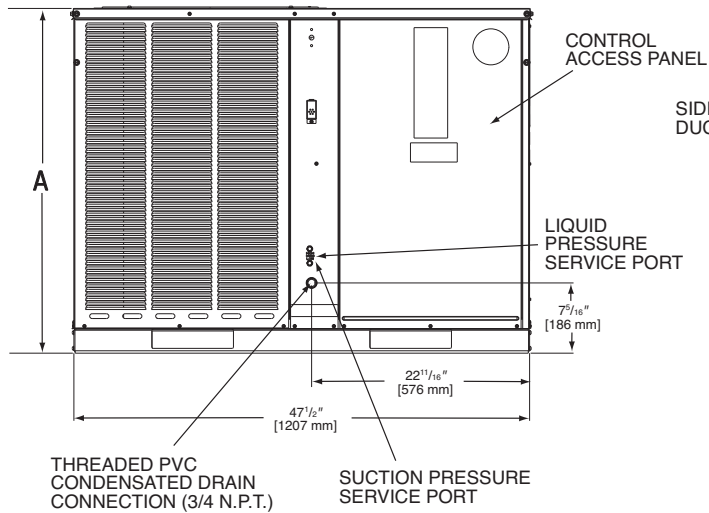
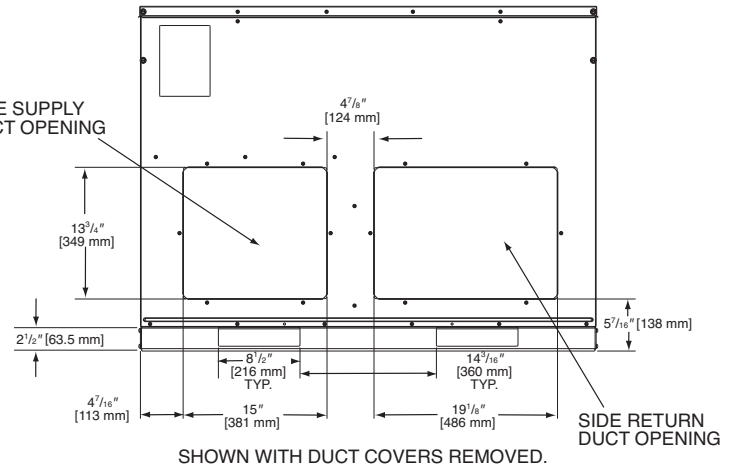


208-240 VOLT, SINGLE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION

208-240 VOLT, SINGLE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION													
Separate Power Supply For Both Unit and Heater Kit													
Unit Model No. RQPL-	Heater Kit						Heat Pump						
	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 @ 240 V		Heater Kit		Heat Pump	
								Min./Max.	Min./Max.	Min. Ckt. Ampacity 208/240V	Max. Fuse Size 208/240V	Min. Circuit Ampacity 208-240 V	Over Current Protective Device Size Min./Max. @ 208 V
B024JK	No Heat	—	—	—	—	—	21/21	30/30	30/30	—	—	21/21	30/30
B025JK	A05J	1	3.6/4.8	12.28/16.38	17.3/20.0	42/46	42/46	50/50	50/50	22/25	25/25	—	—
	A10J	2	7.2/9.6	24.56/32.75	34.6/40.0	64/71	64/71	70/80	70/80	44/50	45/50	—	—
B030JK	No Heat	—	—	—	—	24/24	24/24	35/35	35/35	—	—	24/24	35/35
	A05J	1	3.6/4.8	12.28/16.38	17.3/20.0	45/49	45/49	50/50	50/50	22/25	25/25	—	—
	A10J	2	7.2/9.6	24.56/32.75	34.6/40.0	67/74	67/74	70/80	70/80	44/50	45/50	—	—
B036JK	No Heat	—	—	—	—	27/27	27/27	40/40	40/40	—	—	27/27	40/40
	A10J	2	7.2/9.6	24.56/32.75	34.6/40.0	70/77	70/77	70/80	70/80	44/50	45/50	—	—
	A15J	3	10.8/14.4	36.84/49.13	51.9/60.0	92/102	92/102	100/110	100/110	65/75	70/80	—	—
B042JK	No Heat	—	—	—	—	33/33	33/33	50/50	50/50	—	—	33/33	50/50
	B10J	2	7.2/9.6	24.56/32.75	34.6/40.0	77/83	77/83	80/90	80/90	44/50	45/50	—	—
	B15J	3	10.8/14.4	36.84/49.13	51.9/60.0	98/108	98/108	100/110	100/110	65/75	70/80	—	—
B048JK	No Heat	—	—	—	—	37/37	37/37	50/50	50/50	—	—	37/37	50/50
	B10J	2	7.2/9.6	24.56/32.75	34.6/40.0	80/87	80/87	90/90	90/90	44/50	45/50	—	—
	B15J	3	10.8/14.4	36.84/49.13	51.9/60.0	102/112	102/112	110/125	110/125	65/75	70/80	—	—

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

208-240 VOLT, THREE PHASE, 60 HZ, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION													
Separate Power Supply For Both Unit and Heater Kit													
Unit Model No. RQPL-	Heater Kit						Heat Pump						
	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 @ 240 V		Heater Kit		Heat Pump	
								Min./Max.	Min./Max.	Min. Ckt. Ampacity 208/240V	Max. Fuse Size 208/240V	Min. Circuit Ampacity 208-240 V	Over Current Protective Device Size Min./Max. @ 208 V
B036CK	No Heat	—	—	—	—	—	19/19	25/25	25/25	—	—	19/19	25/25
	A10C	3	7.2/9.6	24.56/32.75	20.0/23.1	44/48	44/48	45/50	45/50	25/29	25/30	—	—
	A15C	3	10.8/14.4	36.84/49.13	30.1/34.7	57/62	57/62	60/70	60/70	38/44	40/45	—	—
B042CK	No Heat	—	—	—	—	25/25	25/25	35/35	35/35	—	—	25/25	35/35
	A10C	3	7.2/9.6	24.56/32.75	20.0/23.1	50/54	50/54	50/60	50/60	25/29	25/30	—	—
	A15C	3	10.8/14.4	36.84/49.13	30.1/34.7	63/68	63/68	70/70	70/70	38/44	40/45	—	—
B048CK	No Heat	—	—	—	—	26/26	26/26	35/35	35/35	—	—	26/26	35/35
	A10C	3	7.2/9.6	24.56/32.75	20.0/23.1	51/55	51/55	60/60	60/60	25/29	25/30	—	—
	A15C	3	10.8/14.4	36.84/49.13	30.1/34.7	63/69	63/69	70/70	70/70	38/44	40/45	—	—

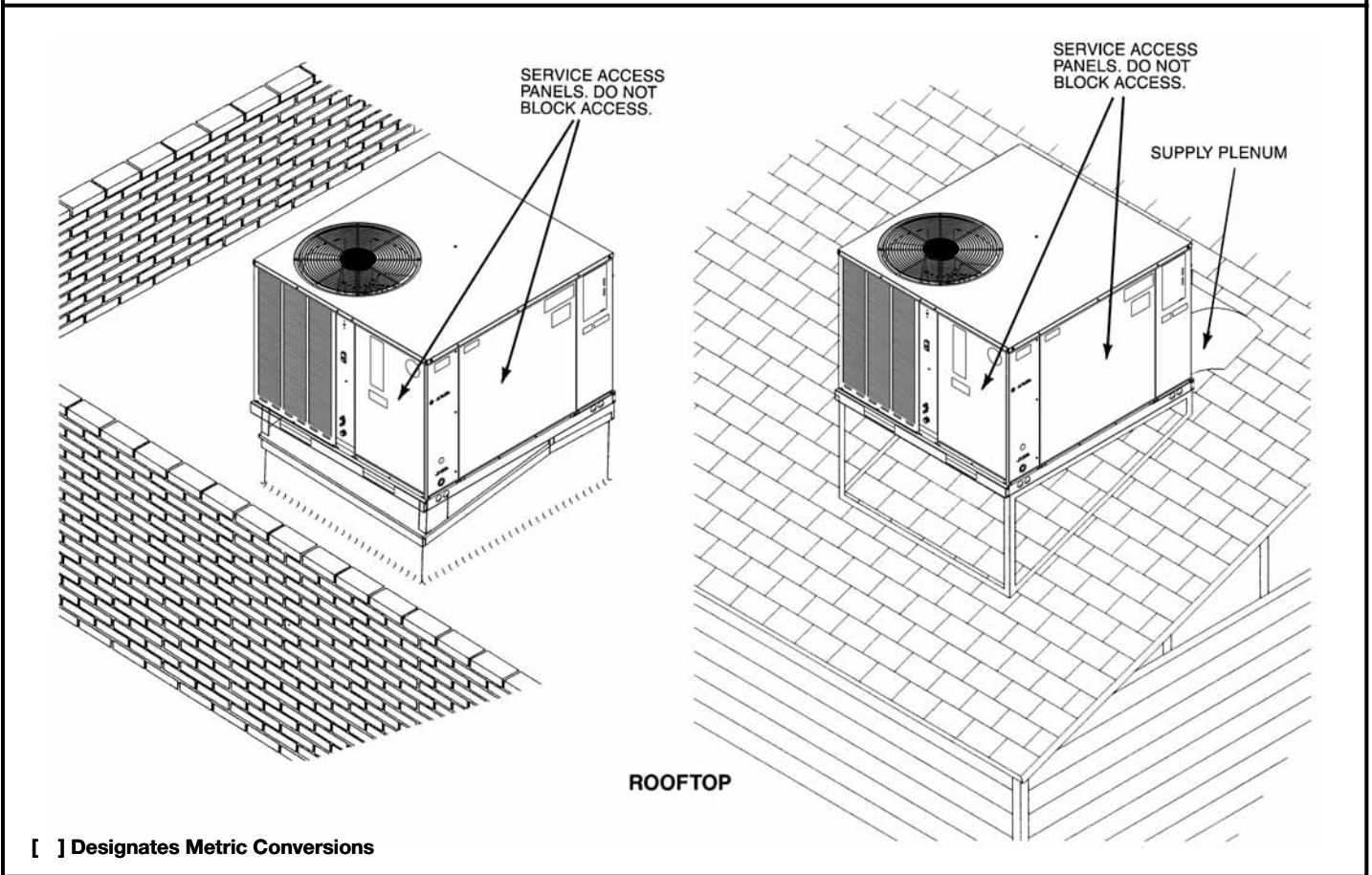
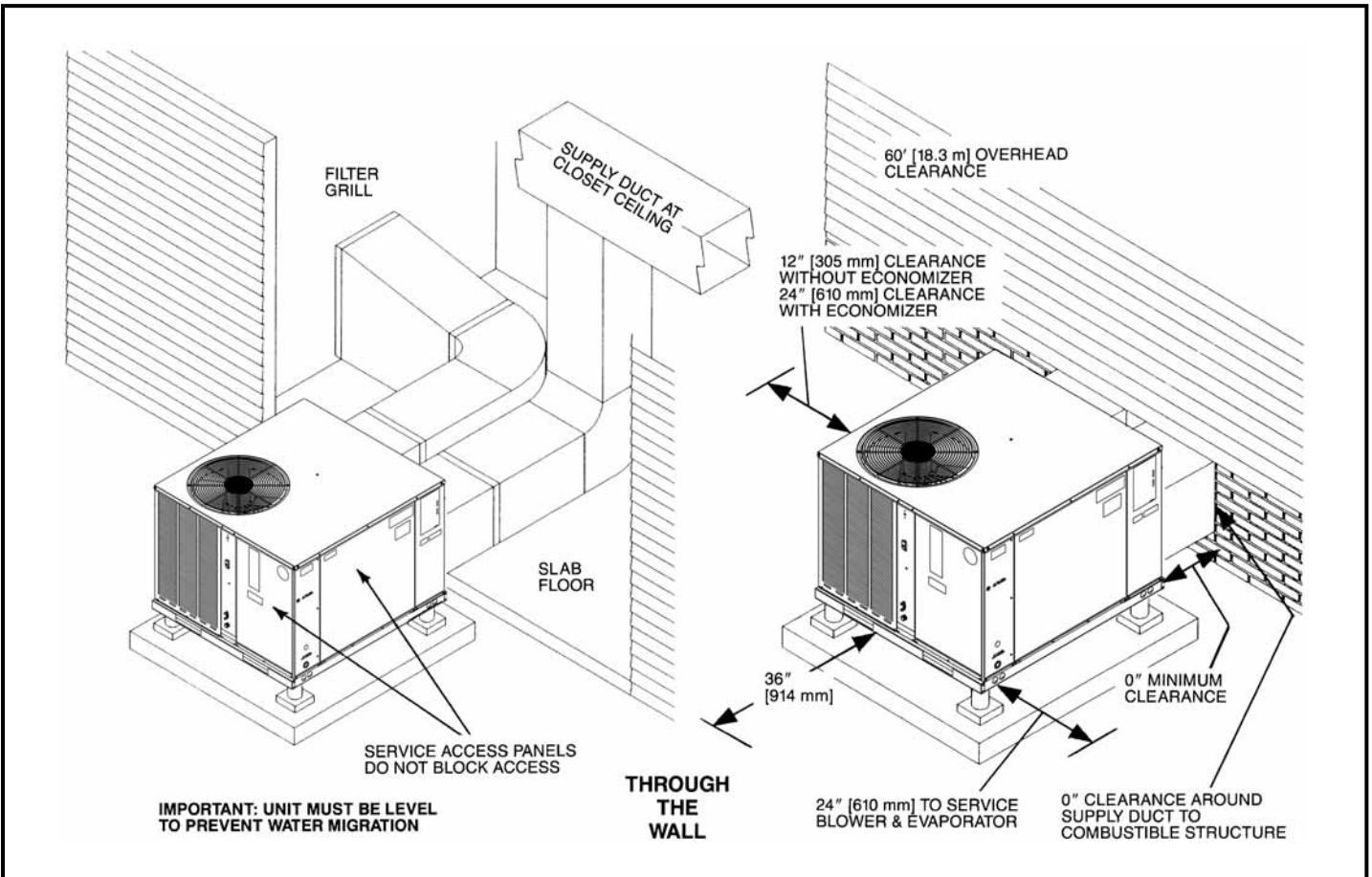
SIDE VIEW

SIDE VIEW

FRONT VIEW

BACK VIEW


IMPORTANT:
 INSTALLATION MUST NOT INTERFERE WITH DRAINAGE OPENINGS IN BOTTOM OF UNIT UNDER OUTDOOR COIL.

Model Number	Height "A"
B024, B025	$35\frac{15}{16}$
B030, B036, B042, B048	41

IMPORTANT:
 UNIT MUST BE LEVEL TO PREVENT WATER MIGRATION.

[] Designates Metric Conversions

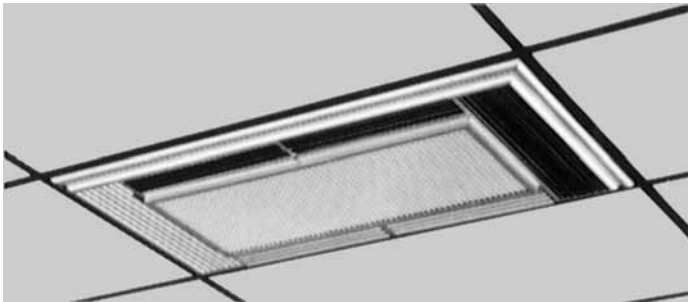


[] Designates Metric Conversions

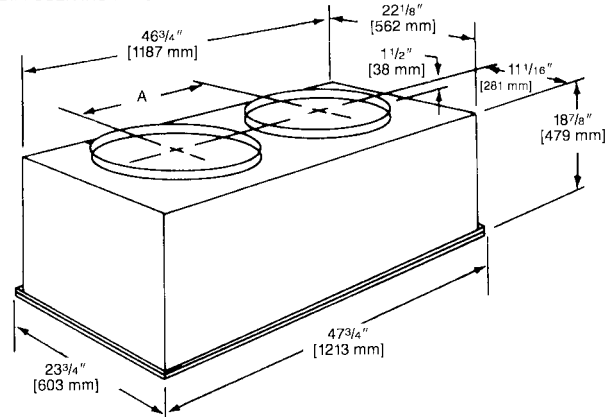
ACCESSORY EQUIPMENT

Accessory Description	Model Application	Accessory Model No.
Thermostats	RQNL-/RQPL-	See Thermostat Specification Sheet (T11-001)
Roofcurb	RQNL-/RQPL-	RXQG-AAA14 (14" [356 mm] Height) RXQG-AAA24 (24" [610 mm] Height)
Supply & Return Diffusers	RQNL-/RQPL-	RXRN-BD15
Economizers (Downflow Only)	RQNL-/RQPL-	AXRE-CAA30 (3 Position) AXRD-CAM10 (Fully Modulating)
Economizers (Sideflow Only)	RQNL-/RQPL-	AXRD-CCM10 (Fully Modulating) AXRE-CCA30 (3 Position)
Fresh Air Damper	RQNL-/RQPL-	AXRF-FAB1 (Motorized-35%) AXRF-FAA1 (Fixed-35%)
Rectangular to Round Transition (Downflow)	RQNL-/RQPL-	RXMC-CA02 (16" [406 mm] Ducts) RXMC-CA03 (18" [457 mm] Ducts)
Filter Kit	RQNL-/RQPL-	RXRY-B01
High Pressure Control	RQNL-/RQPL-	RXAB-D01
Outdoor Thermostat	RQNL-/RQPL-	RXPT-A01
Low Ambient Control	RQNL-/RQPL-	RXPZ-G01
Duct Adapter Sideflow Square to Round Transition	RQNL-/RQPL-	AXMC-BA01
Lift Kit	RQNL-/RQPL-	RXML-A01

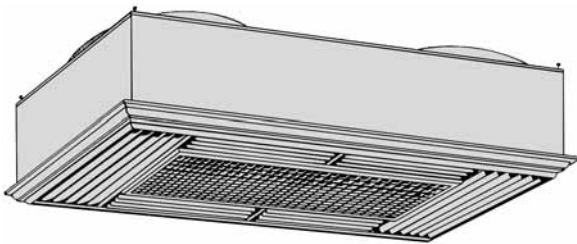
COMMON SUPPLY/RETURN CONCENTRIC AIR DIFFUSER



DIFFUSER INSTALLS FLUSH WITH CEILING



SUPPLY/RETURN DIFFUSER



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

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

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

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

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

SUPPLY AIR/PERFORMANCE

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

[] Designates Metric Conversions

THERMOSTATS



200-Series *
Programmable



300-Series *
Deluxe
Programmable

400-Series *
Special Applications/
Programmable



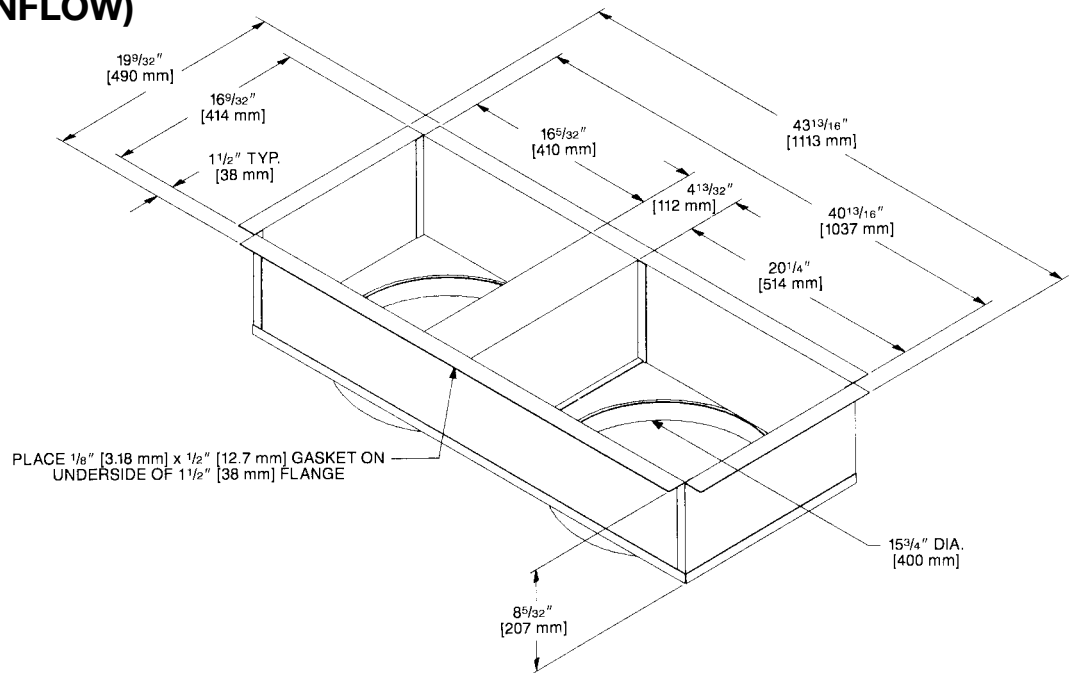
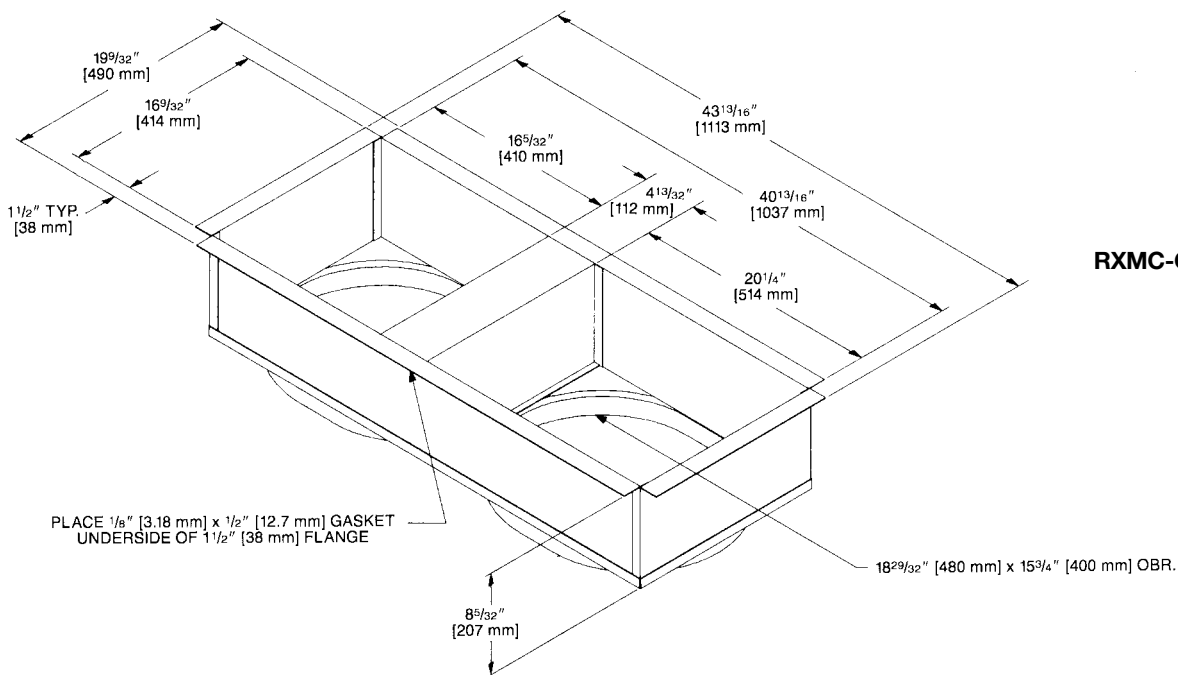
500-Series *
Communicating/
Programmable

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.

DUCT ADAPTERS RECTANGULAR TO ROUND TRANSITIONS (DOWNFLOW)

RXMC-CA02

RXMC-CA03


[] Designates Metric Conversions

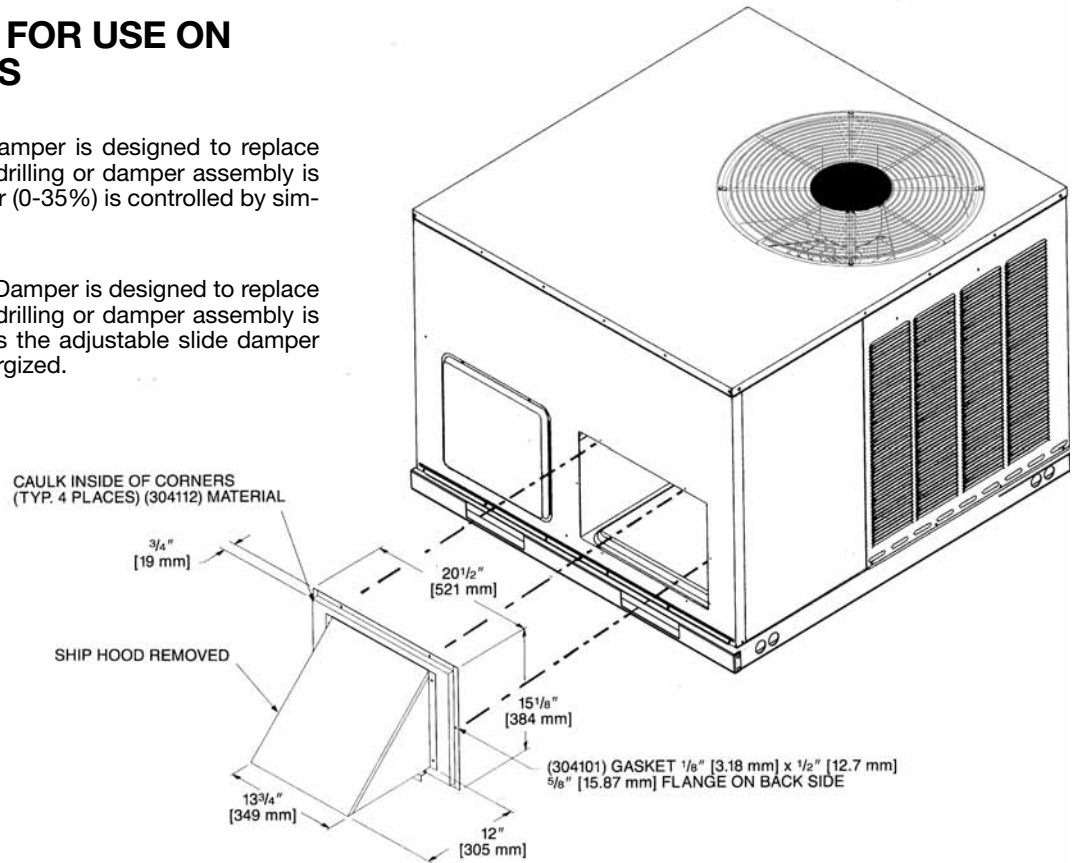
FRESH AIR DAMPER FOR USE ON RQNL-/RQPL- SERIES

AXRF-FAA1 (Fixed - 0-35%)

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

AXRF-FAB1 (Motorized - 0-35%)

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



ECONOMIZERS

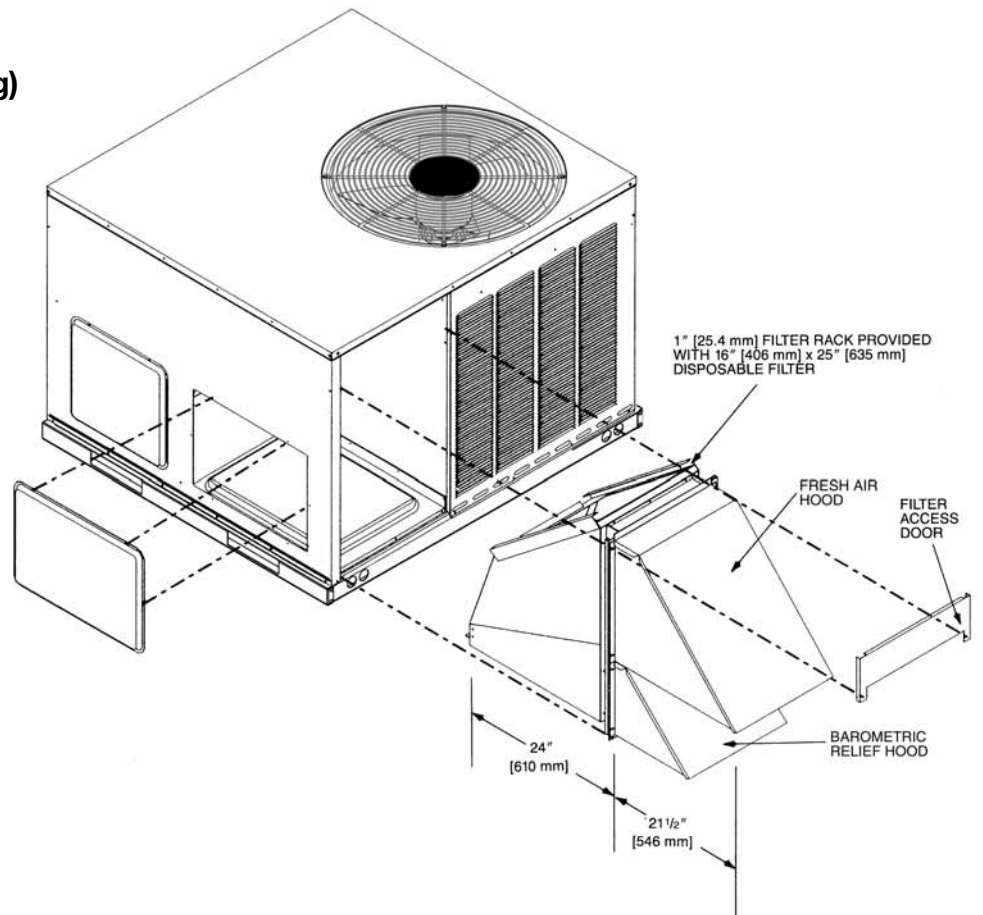
AXRE-CAA30 (3 Position) and AXRD-CAM10 (Fully Modulating) RQNL-/RQPL- Series Downflow Application

AXRE-CAA30 (3 Position)

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

AXRD-CAM10 (Fully Modulating)

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



[] Designates Metric Conversions

ECONOMIZERS

AXRD-CCM10 (Fully Modulating) and AXRE-CCA30 (3 Position) Horizontal Application

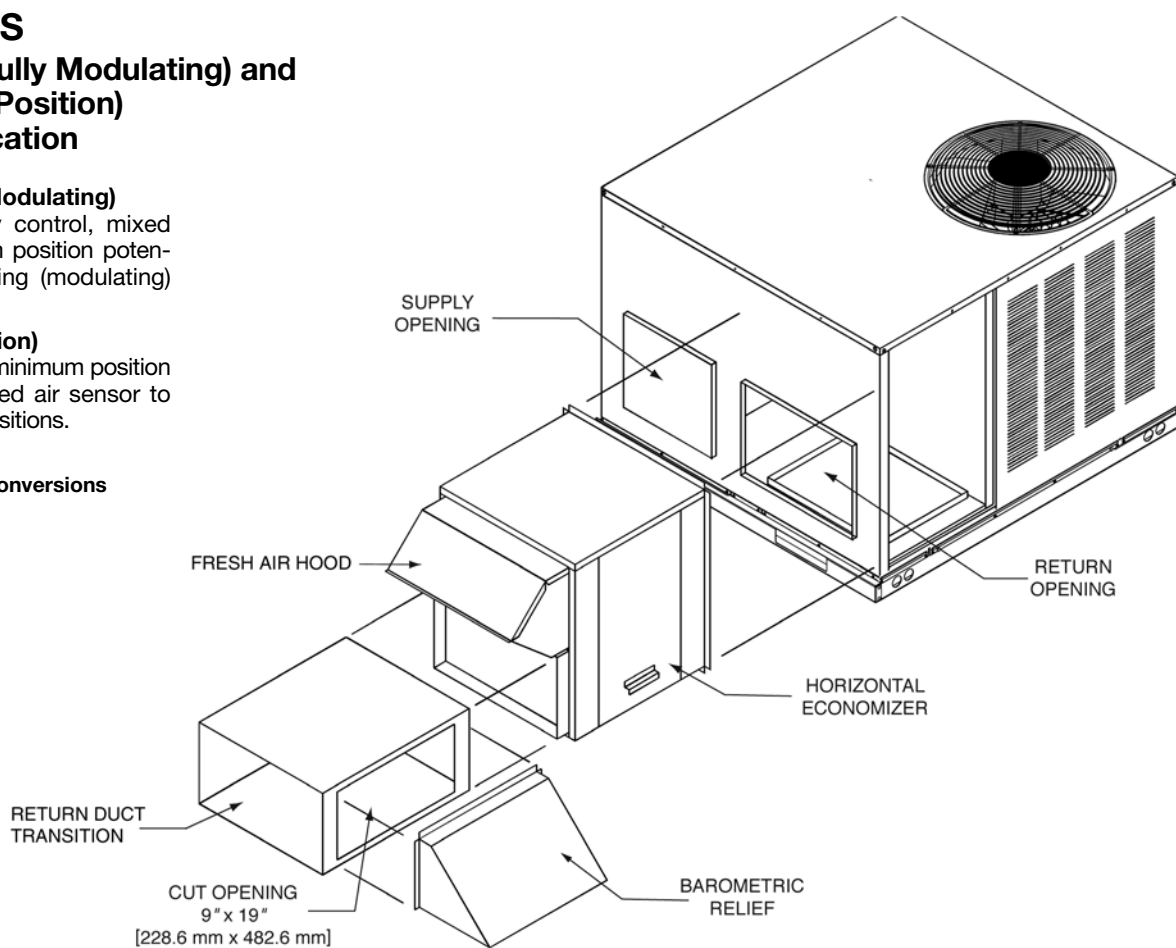
AXRD-CCM10 (Fully Modulating)

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

AXRE-CCA30 (3-Position)

Has outdoor air sensor, minimum position potentiometer, and mixed air sensor to provide three damper positions.

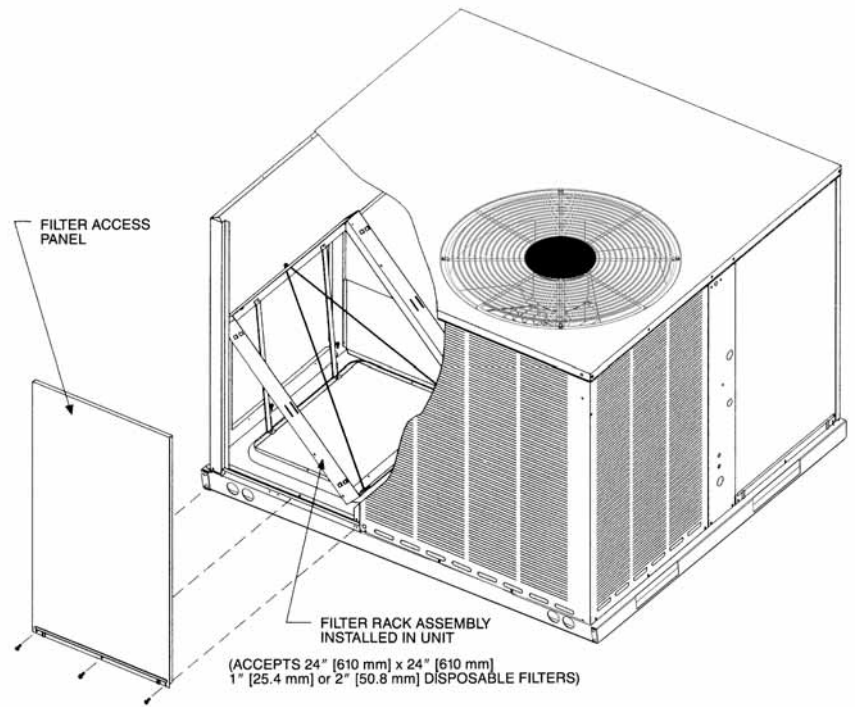
[] Designates Metric Conversions



FILTER KIT INSTALLATION

RXRY-B01

For use in either vertical or horizontal discharge.



CFM [L/s]		
Minimum Airflow	Nominal Airflow	Maximum Airflow
510 [241]	600 [283]	660 [311]
680 [321]	800 [378]	880 [415]
850 [401]	1000 [472]	1100 [519]
1020 [481]	1200 [566]	1320 [623]
1190 [562]	1400 [661]	1540 [727]
1275 [602]	1500 [708]	1650 [779]
1700 [802]	2000 [944]	2200 [1039]

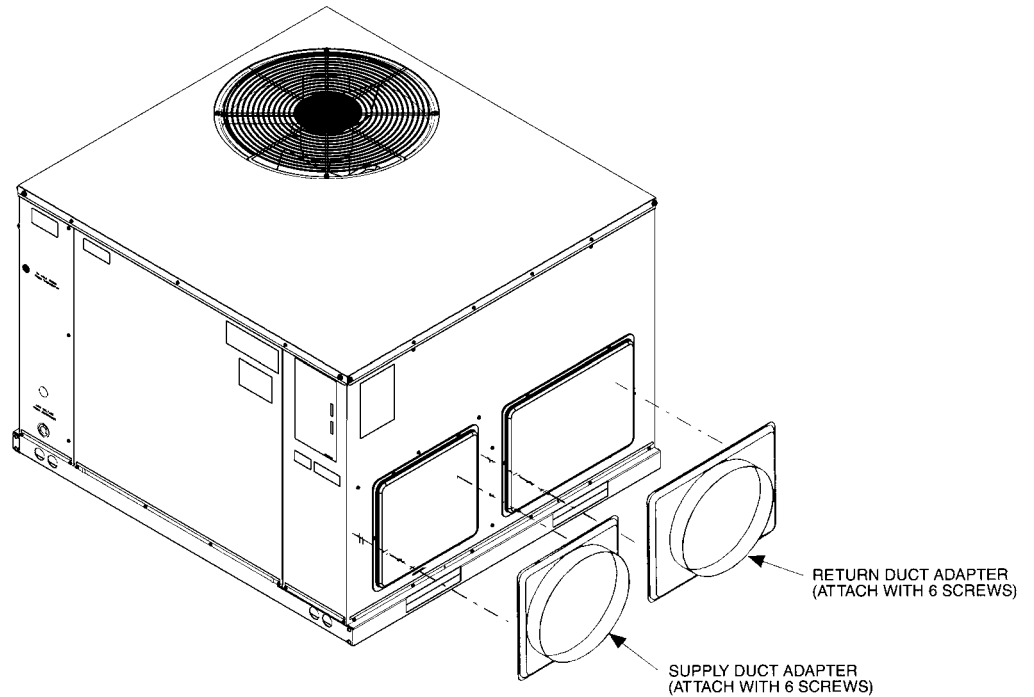
Airflow Pressure Drop, Inches W.C. [kPa]		
CFM [L/s]	1" Filter	2" Filter
500 [236]	.02 [.0050]	.03 [.0075]
600 [283]	.02 [.0050]	.03 [.0075]
700 [330]	.03 [.0075]	.04 [.0101]
800 [378]	.04 [.0101]	.05 [.0124]
900 [425]	.05 [.0124]	.06 [.0149]
1000 [472]	.07 [.0174]	.08 [.0199]
1100 [519]	.08 [.0199]	.09 [.0224]
1200 [566]	.10 [.0249]	.12 [.0299]
1300 [614]	.13 [.0324]	.15 [.0373]
1400 [661]	.16 [.0398]	.19 [.0473]
1500 [708]	.19 [.0473]	.21 [.0523]
1600 [755]	.20 [.0498]	.23 [.0572]
1700 [802]	.21 [.0523]	.24 [.0598]
1800 [850]	.22 [.0548]	.25 [.0623]
1900 [897]	.24 [.0598]	.27 [.0672]
2000 [944]	.26 [.0647]	.29 [.0722]

[] Designates Metric Conversions

DUCT ADAPTER SIDEFLOW SQUARE TO ROUND TRANSITION AXMC-BA01

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

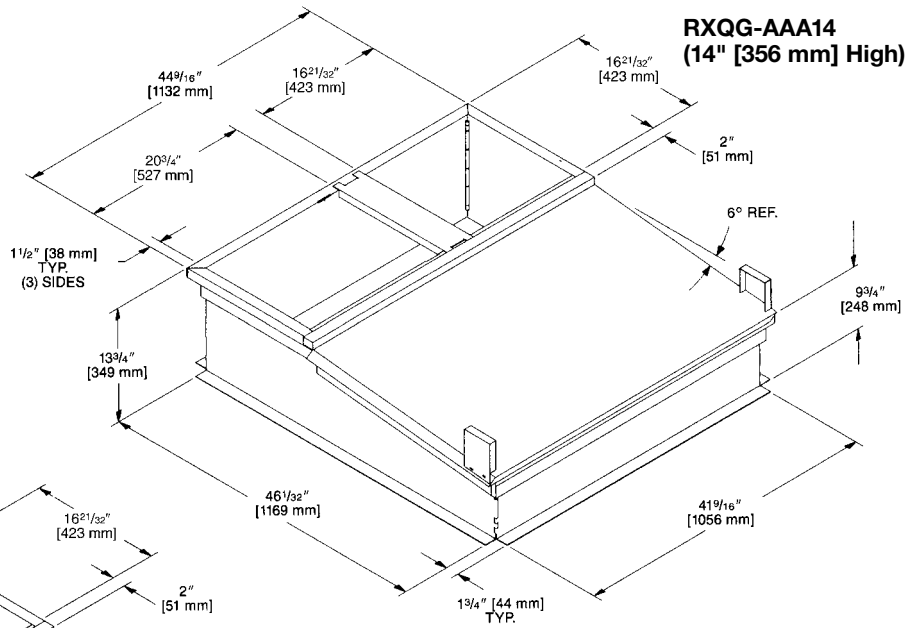
[] Designates Metric Conversions



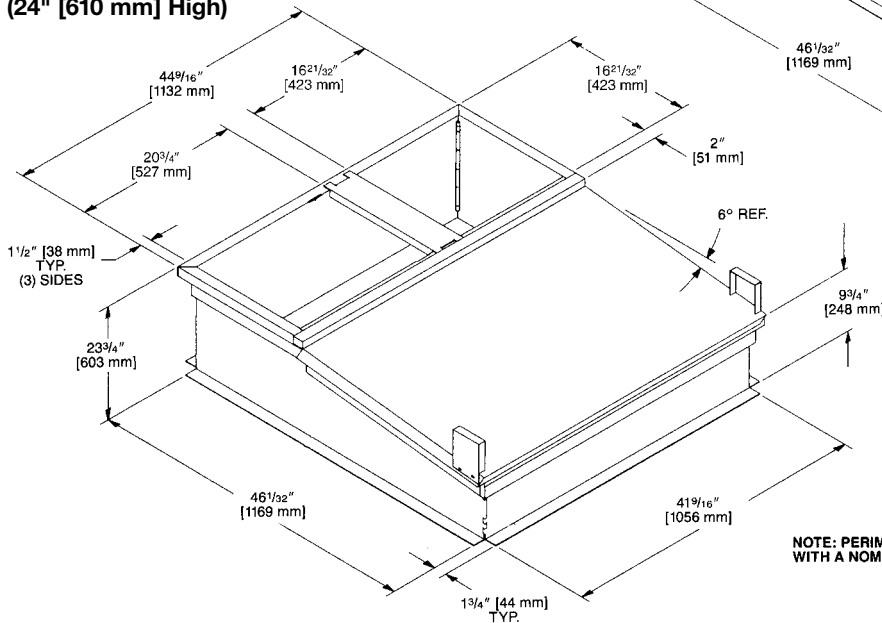
Roofcurb (Sloped) RXQG-AAA14 & RXQG-AAA24 for RQNL-/RQPL- Series

Note: Heat pump models must use sloped curbs.

Hinged corners make for fast, easy set-up.

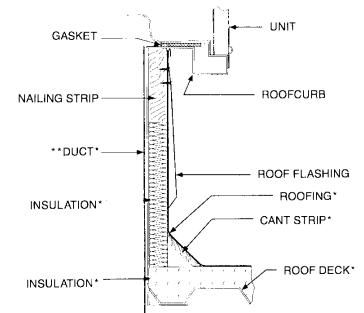
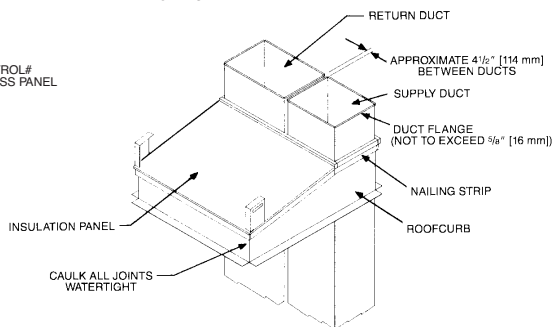
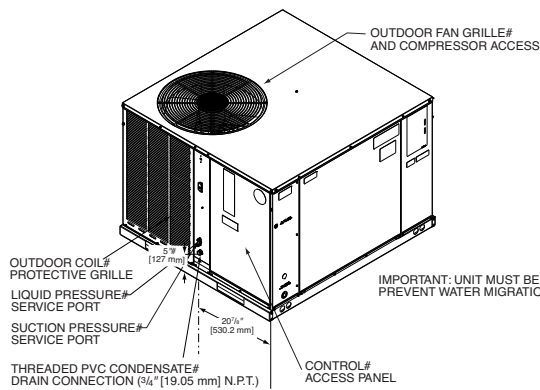


RXQG-AAA24 (24" [610 mm] High)



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

Packaged Heat Pump Roofcurb Installation (Sloped)

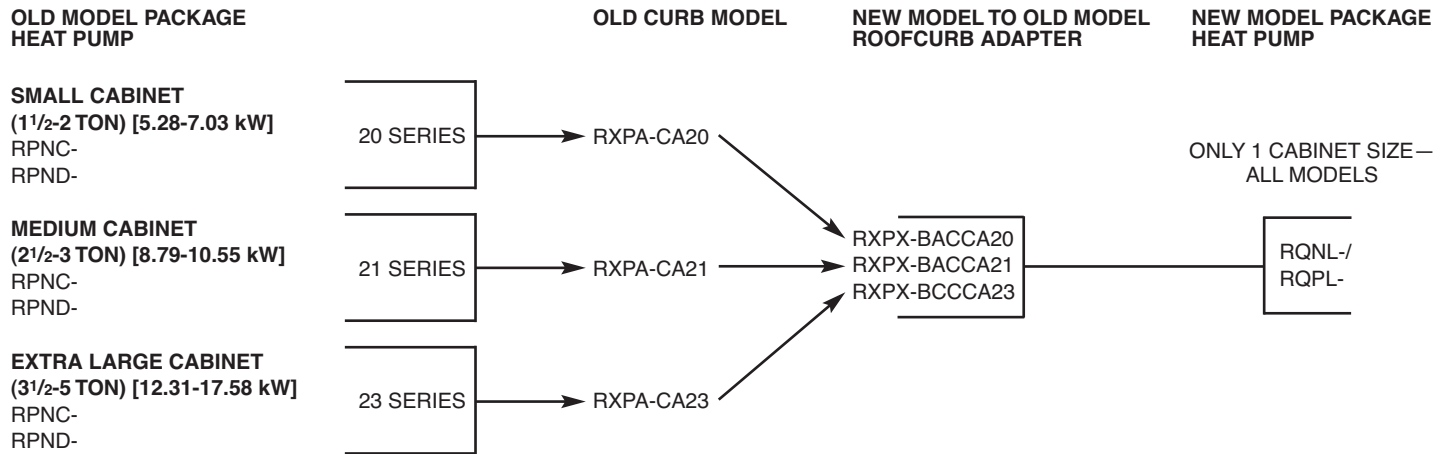


*BY CONTRACTOR
**FOR INSTALLATION OF DUCT AS SHOWN, USE RECOMMENDED DUCT SIZES FROM ROOFCURB INSTALLATION INSTRUCTIONS. FOR DUCT FLANGE ATTACHMENT TO UNIT, SEE UNIT INSTALLATION INSTRUCTIONS FOR RECOMMENDED DUCT SIZES.

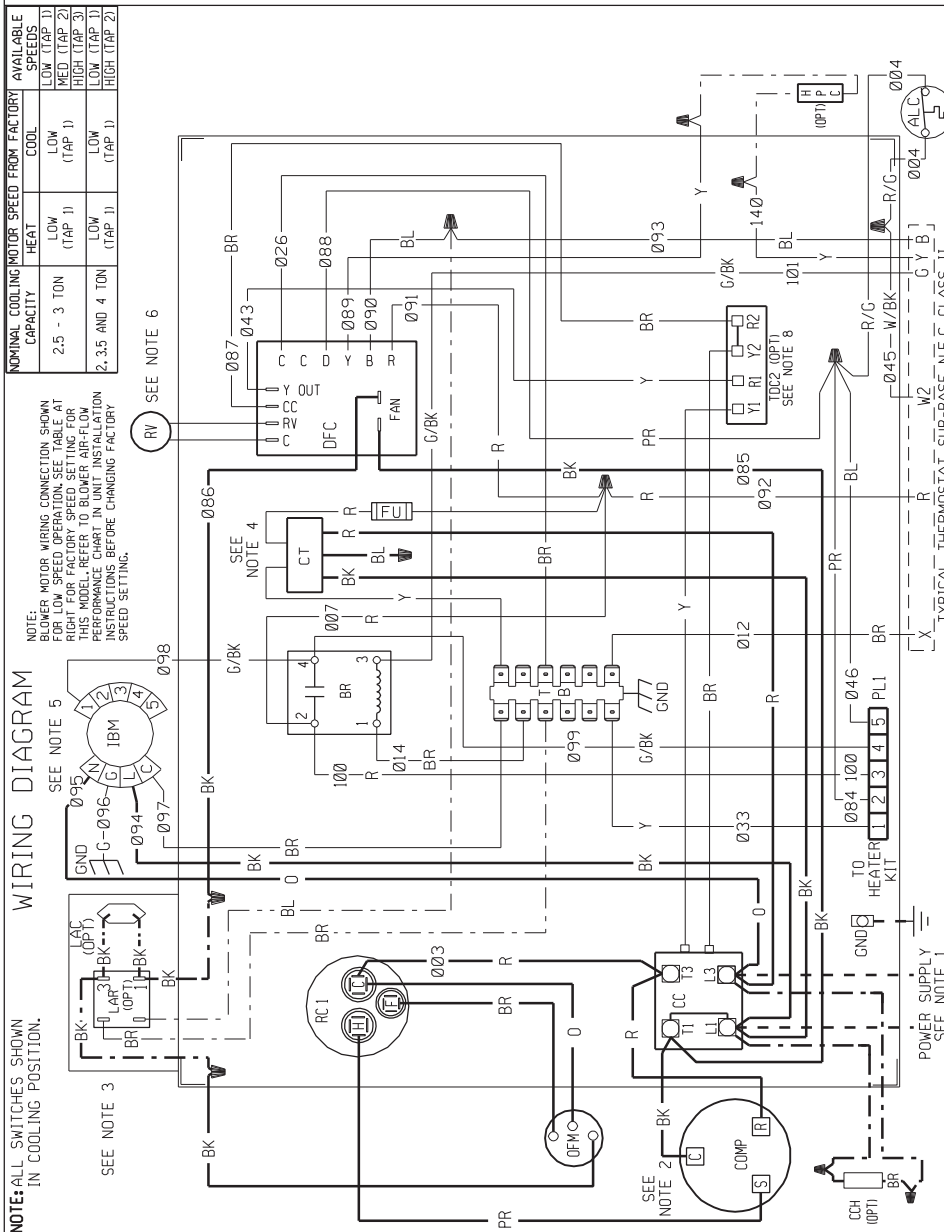
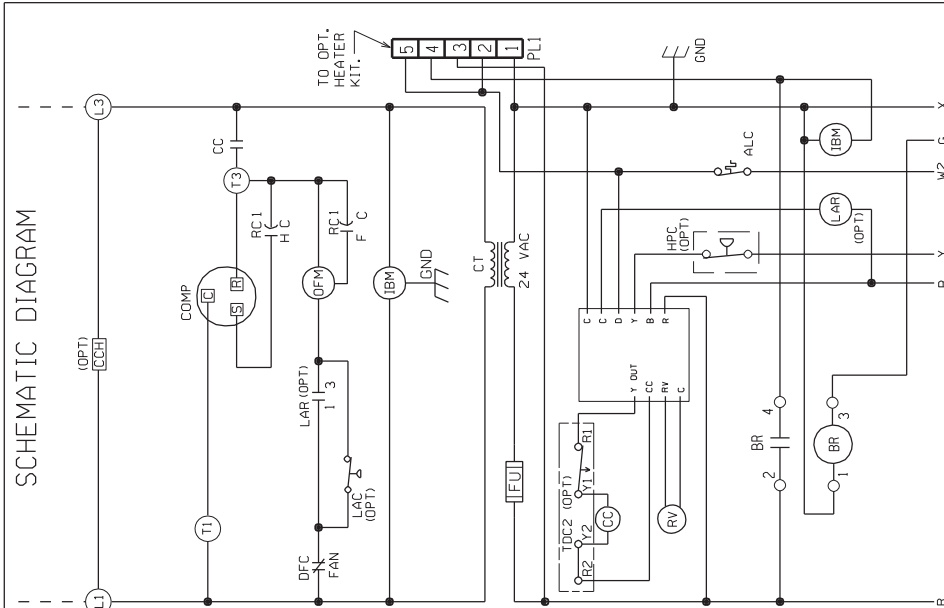
[] Designates Metric Conversions

ROOFCURB ADAPTERS

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



[] Designates Metric Conversions



NOTE: BLOWER MOTOR WIRING CONNECTION SHOWN FOR LOW SPEED OPERATION. SEE TABLE AT RIGHT FOR FACTORY SPEED SETTING FOR MODELS WITH 0 BLOWER SPEED. LOW FLOW PERFORMANCE. REFRIG. CAPACITY IN TONS. FOLLOW INSTRUCTIONS BEFORE CHANGING FACTORY SPEED SETTING.

MINIMAL COOLING MOTOR SPEED FROM FACTORY CAPACITY	HEAT	COOL	AVAILABLE SPEEDS
2.5 - 3 TON	LOW (TAP 1)	LOW (TAP 1)	LOW (TAP 1) MED (TAP 2) HIGH (TAP 3)
2.35 AND 4 TON	LOW (TAP 1)	LOW (TAP 1)	LOW (TAP 1) HIGH (TAP 2)

NOTE: ALL SWITCHES SHOWN IN COOLING POSITION.

SEE NOTE 3

SEE NOTE 5

SEE NOTE 6

SEE NOTE 2

SEE NOTE 4

SEE NOTE 8

WIRE COLOR CODE

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

ELECTRICAL WIRING DIAGRAM

PACKAGE HEAT PUMP

1 PH, 208-230 VOLT
INSULATION AS ORIGINAL (105 C° MIN.)

X-13 INDOOR BLOWER MOTOR

DR. BY DATE
KDF 03-15-09

DWG. NO. 90-23621-13

REV 06

WIRING INFORMATION

LINE VOLTAGE

- FACTORY STANDARD
- FACTORY OPTION
- FIELD INSTALLED

LOW VOLTAGE

- 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.

NOTES:

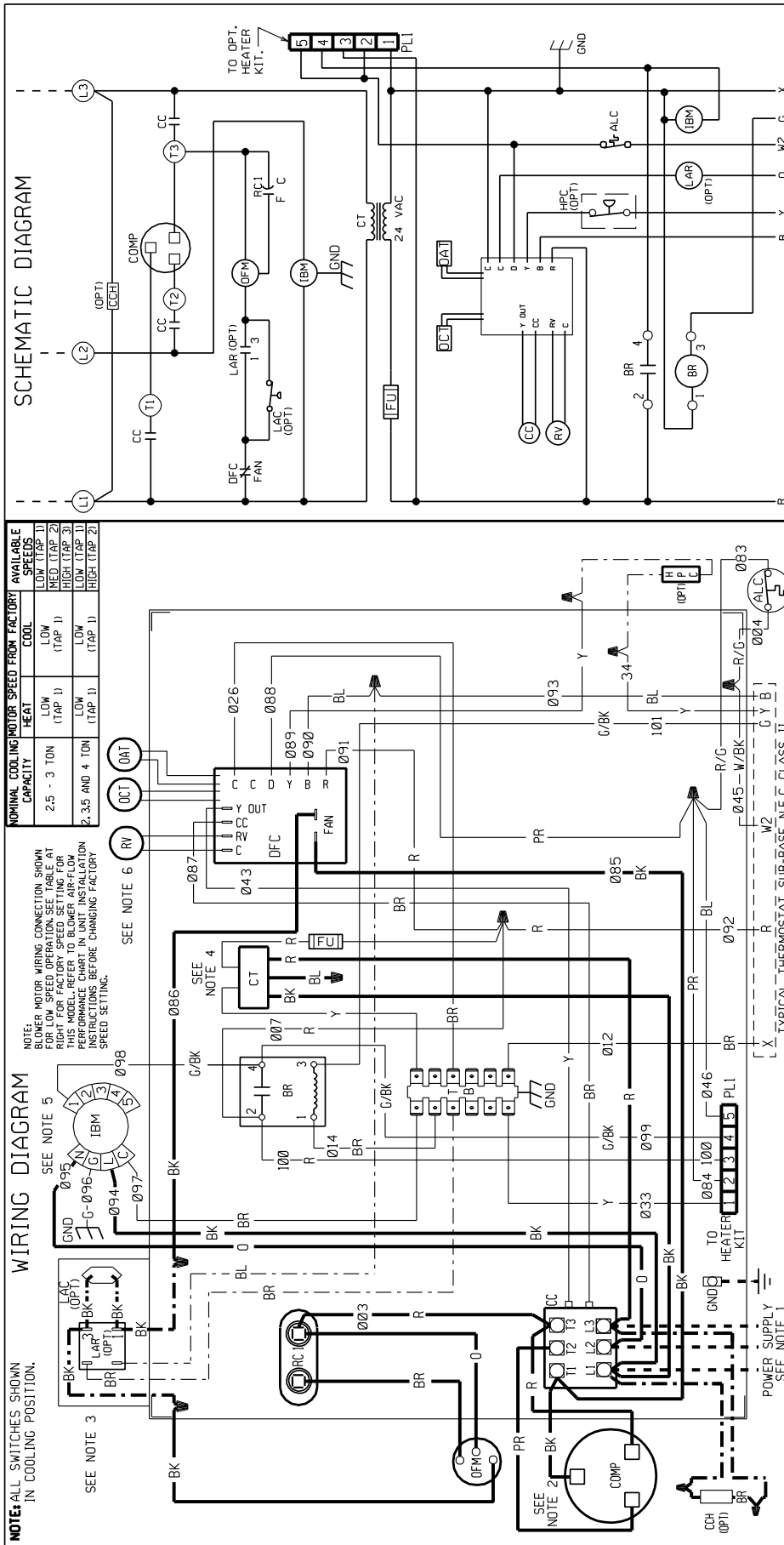
- CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
- COMPRESSOR MOTOR THERMALLY PROTECTED.
- IF LAC/LAR IS NOT USED, CONNECT BLACK WIRE FROM OFM TO WIRE NUT FROM DR
- TRANSFORMER FACTORY WIRED FOR 230 VOLTS. USE RED AND BLUE LEADS FOR 208 VOLTS.
- MOTOR FACTORY WIRED FOR CORRECT SPEED.
- SEE FUSE LABEL ON CONTROL BOX COVER FOR FUSE SIZING AND CLASSIFICATION.
- BROWN & YELLOW WIRES ARE CONTINUOUS IF OPTIONAL TOCC2 IS NOT PRESENT.

COMPONENT CODE

LAC	AUX. LIMIT CONTROL
ALC	BLOWER RELAY
BR	COMPRESSOR CONTACTOR
CC	CRANKCASE HEATER
CCH	COMPRESSOR
COMP	CONTROL TRANSFORMER
CT	DEFROST CONTROL
DFC	FUSE
FU	GROUND
GND	HIGH PRESSURE CONTROL
HPC	INDOOR BLOWER MOTOR
IBM	LOW AMBIENT COOLING CONTROL
LAR	LOW AMBIENT RELAY
OFM	OUTDOOR FAN MOTOR
OPT	OPTIONAL
PL	PLUG
RC	RUN CAPACITOR
RV	TEMPERING VALVE
TIC	TEMPERATURE CONTROL
WIRE NUT	WIRE NUT

DWG. NO. 90-23621-13

REV 06



SCHEMATIC DIAGRAM

NOMINAL COOLING CAPACITY	MOTOR SPEED FROM FACTORY	COOL	HEAT	AVAILABLE SPEEDS
2.5 - 3 TON	LOW (TAP 1)	LOW (TAP 1)	LOW (TAP 1)	LOW (TAP 1)
2.5 - 3 TON	HIGH (TAP 2)	HIGH (TAP 2)	HIGH (TAP 2)	HIGH (TAP 2)
3.5 AND 4 TON	LOW (TAP 1)	LOW (TAP 1)	LOW (TAP 1)	LOW (TAP 1)
3.5 AND 4 TON	HIGH (TAP 2)	HIGH (TAP 2)	HIGH (TAP 2)	HIGH (TAP 2)

NOTE: WIRE MOTOR WIRING CONNECTION SHOWN FOR LOW SPEED OPERATION. SEE TABLE AT RIGHT FOR FACTORY SPEED SETTING FOR THIS MODEL. REFER TO BLOWER AIR-FLOW PERFORMANCE CHART IN UNIT INSTALLATION MANUAL BEFORE CHANGING FACTORY SPEED SETTING.

WIRING DIAGRAM

NOTE: ALL SWITCHES SHOWN IN COOLING POSITION.

WIRE COLOR CODE

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

ELECTRICAL WIRING DIAGRAM

PACKAGE HEAT PUMP

3 PH, 208-230 VOLT
X-13 INDOOR BLOWER MOTOR

DR. BY: KDF APP. BY: DATE: 03-15-05 DWG. NO.: 90-23621-15 REV: 08

WIRING INFORMATION

- LINE VOLTAGE
- FACTORY STANDARD
- FACTORY OPTION
- FIELD INSTALLED
- LOW VOLTAGE
- 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., NATIONAL WIRING REGULATIONS, AND LOCAL CODES AS APPLICABLE.

- NOTES:**
- CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
 - COMPRESSOR MOTOR THERMALLY PROTECTED.
 - IF LAC/LAR IS NOT USED, CONNECT BLACK WIRE FROM FAN TO WIRE NUT FROM DR.
 - TRANSFORMER FACTORY WIRING FOR 230 VOLTS. USE RED AND BLUE LEADS FOR 208 VOLTS.
 - MOTOR FACTORY WIRING FOR CORRECT SPEED.
 - THIS COMPONENT ENERGIZED IN HEATING.
 - SEE FUSE LABEL ON CONTROL BOX COVER FOR FUSE SIZING AND CLASSIFICATION.
 - BROWN & YELLOW WIRES ARE CONTINUOUS IF OPTIONAL TDC2 IS NOT PRESENT.

COMPONENT CODE

ALC	AUX. LIMIT CONTROL
BR	BLOWER RELAY
CC	COMPRESSOR CONTACTOR
CCH	CRANKCASE HEATER
COMP	COMPRESSOR
DFC	DEFROST TRANSFORMER
DFC (OPT)	DEFROST CONTROL
FUSE	FUSE
GRND	GROUND
HPC	HIGH PRESSURE CONTROL
IBM	INDOOR BLOWER MOTOR
LAC (OPT)	LOW AMBIENT COOLING CONTROL
LAR	LOW AMBIENT RELAY
OAT	OUTDOOR AMBIENT TEMP SENSOR
OFM	OUTDOOR FAN MOTOR
OPT	OPTIONAL
PLUG	PLUG
RC	RUN CAPACITOR
RV	REVERSING VALVE
TB	TERMINAL BLOCK
WIRE NUT	WIRE NUT

90-23621-15 08

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

GENERAL TERMS OF LIMITED WARRANTY*

Rheem will furnish a replacement for any part of this product which fails in normal use and service within the applicable periods stated, in accordance with the terms of the limited warranty.

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

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.

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Brampton, Ontario • L6Y 0P5



INTEGRATED AIR & WATER

PRINTED IN U.S.A 02/12 QG FORM NO. P11-791