

# FUJITSU

## PACKAGE DUAL FUEL UNIT



### RQPW 14 SEER

Nominal Sizes 2-4 Tons [7.0-14.0 kW]

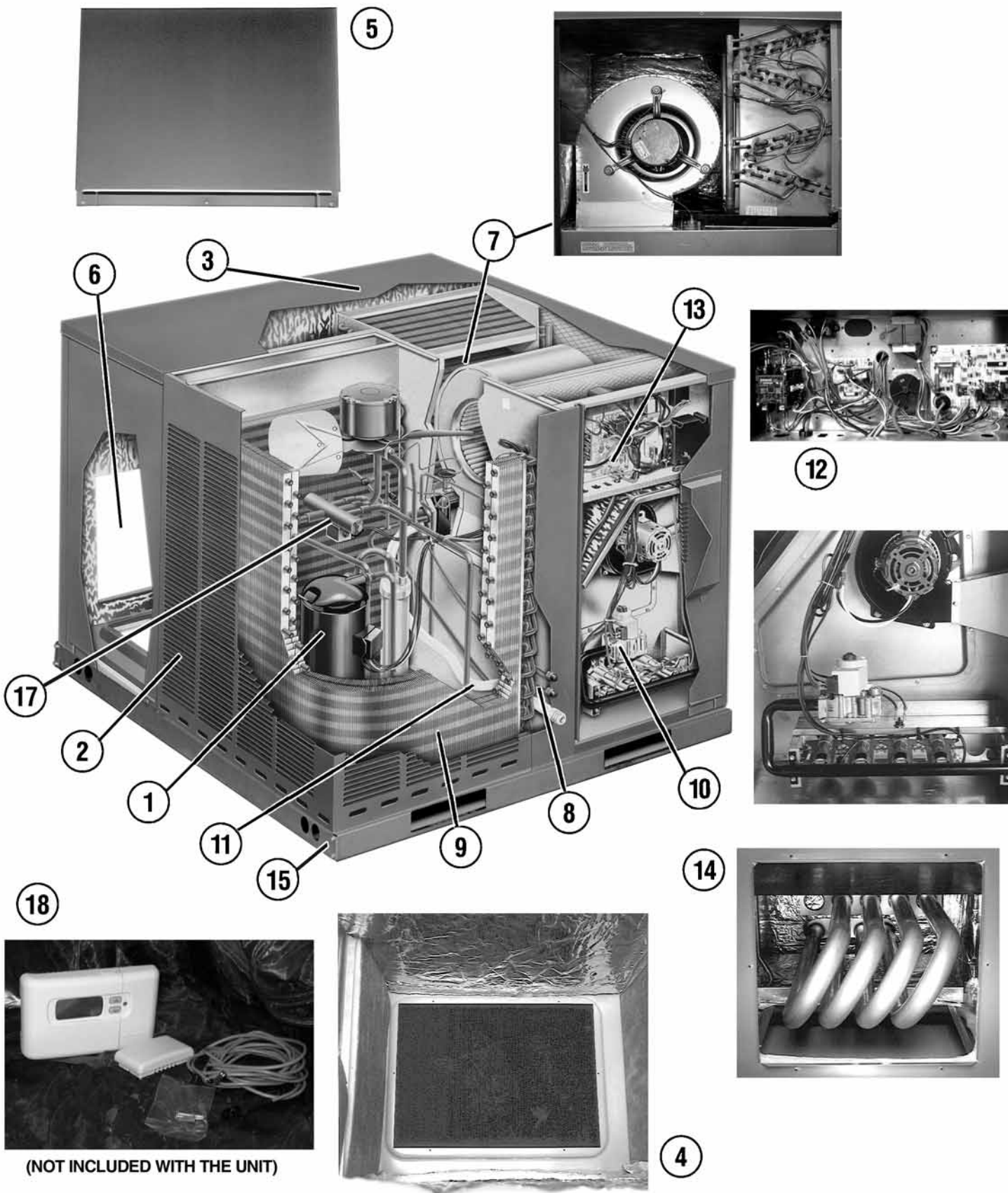
Manufactured for  
**Fujitsu General America, Inc.**  
Fairfield, NJ



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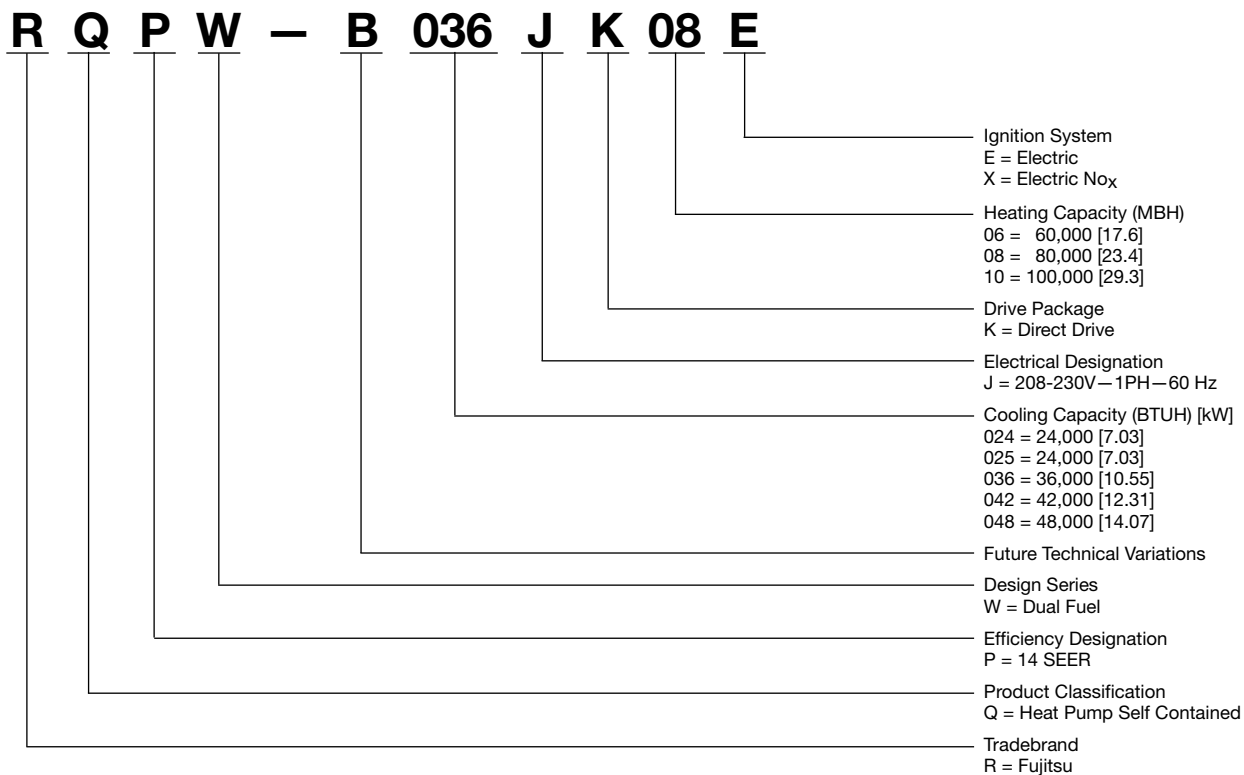
## Package Dual Fuel Unit Feature:





## Features Below Correspond to Photos on Page 3

1. A Package Dual Fuel Unit is a Package Heat Pump with a gas furnace installed in the heat section instead of electric heat that is in a standard Package Heat Pump. Generally, heating is satisfied by operation of the Heat Pump above a outdoor temperature balance point and below the outdoor temperature balance point the gas furnace is utilized to satisfy the heat requirement. This hybrid package system allows for both comfort and energy savings. It is more cost effective above the balance point to run electricity and the heat pump provides adequate supply air temperature at these outdoor temperatures to assure comfort. Below the balance point it is more economical and provides better comfort to utilize gas heat. All models feature Copeland® 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.
7. Easily accessible blower section complete with slide-out blower. All units feature a system matched indoor coil with low static pressure drop and excellent cooling capacities.
8. Refrigerant connections are conveniently located for easy service diagnostics.
9. Condenser and evaporator coils feature enhanced fins for better heat transfer and rifled copper tubing for greater efficiency.
10. Inside the easily accessible furnace compartment is the draft inducer motor. This motor is specially designed for quiet reliable operation. In addition to the draft inducer motor, the in-shot gas burners and manifold efficiently regulate the flow of gas for combustion. These new package dual fuel units also feature direct-spark ignition and remote flame sensors for added reliability and efficiency.
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 dual-fuel 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. Single point wiring makes installation even easier.
14. Our package dual fuel units feature a tubular stainless steel heat exchanger design. Tubular heat exchangers are more efficient and durable than older-style clamshell heat exchangers and stainless steel is more corrosion resistant than aluminized steel. The heat exchanger is backed by a lifetime limited warranty.
15. Rugged Baserail for improved installation and handling.
16. Filter Drier Standard on all models.
17. Reversing valve directs flow of refrigerant and reverses the refrigerant flow when heating is required.
18. The specially designed thermostat and outdoor ambient sensor offered by Fujitsu optimizes the performance of the package dual fuel unit. It is conveniently pre-programmed for quick trouble-free installation. (Not included with the unit) Model No. RHC-TST402DFMS.



[ ] Designates Metric Conversions

## NOMINAL SIZES 2-4 TONS [7.0-14.0 kW]

Model RQPW	B025JK06E	B025JK06X	B030JK08E	B030JK08X
<b>Cooling Performance<sup>1</sup></b>				
Gross Cooling Capacity Btu [kW]	24,400 [7.15]	24,400 [7.15]	29,800 [8.73]	29,800 [8.73]
EER/SEER <sup>2</sup>	12/14	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]	1000/1050 [472/495]
AHRI Net Cooling Capacity Btu [kW]	23,800 [6.97]	23,800 [6.97]	29,200 [8.56]	29,200 [8.56]
Net Sensible Capacity Btu [kW]	17,800 [5.22]	17,800 [5.22]	23,000 [6.74]	23,000 [6.74]
Net Latent Capacity Btu [kW]	6,000 [1.76]	6,000 [1.76]	6,200 [1.82]	6,200 [1.82]
Net System Power [kW]	1.98	1.98	2.43	2.43
<b>Heating Performance (Heat Pumps)</b>				
High Temp. Btuh [kW] Rating	23,600 [6.91]	23,600 [6.91]	27,800 [8.15]	27,800 [8.15]
System Power KW / COP	1.87/3.7	1.87/3.7	2.26/3.6	2.26/3.6
Low Temp. Btuh [kW] Rating	12,900 [3.78]	12,900 [3.78]	15,500 [4.54]	15,500 [4.54]
System Power KW / COP	1.69/2.24	1.69/2.24	2.06/2.2	2.06/2.2
HSPF (BTU/Watts-hr)	8	8	8	8
<b>Heating Performance (Gas)<sup>3</sup></b>				
Heating Input Btu [kW]	60,000 [17.58]	60,000 [17.58]	80,000 [23.44]	80,000 [23.44]
Heating Output Btu [kW]	48,000 [14.06]	48,000 [14.06]	65,000 [19.04]	65,000 [19.04]
Temperature Rise Range °F [°C]	40-70 [22.2-38.9]	40-70 [22.2-38.9]	35-65 [19.4-36.1]	35-65 [19.4-36.1]
AFUE %	81	81	81	81
Steady State Efficiency (%)	82	82	82	82
No. Burners	3	3	4	4
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>4</sup></b>				
	76	76	76	76
<b>Outdoor Coil—Fin Type</b>				
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]	14.51 [1.35]	14.51 [1.35]	16.32 [1.52]	16.32 [1.52]
Refrigerant Control	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]	1 / 22 [9]
	TX Valves	TX Valves	TX Valves	TX Valves
<b>Indoor Coil—Fin Type</b>				
Tube Type	Louvered	Louvered	Louvered	Louvered
Tube Size in. [mm]	Rifled	Rifled	Rifled	Rifled
Face Area sq. ft. [sq. m]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]	0.375 [9.5]
Rows / FPI [FPcm]	5.54 [0.51]	5.54 [0.51]	7.39 [0.69]	7.39 [0.69]
Refrigerant Control	2 / 15 [6]	2 / 15 [6]	2 / 15 [6]	2 / 15 [6]
Drain Connection No./Size in. [mm]	TX Valves	TX Valves	TX Valves	TX Valves
	1/1 [25.4]	1/1 [25.4]	1/1 [25.4]	1/1 [25.4]
<b>Outdoor Fan—Type</b>				
No. Used/Diameter in. [mm]	Propeller	Propeller	Propeller	Propeller
Drive Type/No. Speeds	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]	1/22 [558.8]
CFM [L/s]	Direct/1	Direct/1	Direct/1	Direct/1
No. Motors/HP	2700 [1274]	2700 [1274]	2700 [1274]	2700 [1274]
Motor RPM	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
	869	869	1075	1075
<b>Indoor Fan—Type</b>				
No. Used/Diameter in. [mm]	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
Drive Type	1/9x7 [229x178]	1/9x7 [229x178]	1/10x9 [254x229]	1/10x9 [254x229]
No. Speeds	Direct	Direct	Direct	Direct
No. Motors	Multiple	Multiple	Multiple	Multiple
Motor HP	1	1	1	1
Motor RPM	1/3	1/3	1/2	1/2
Motor Frame Size	869	869	1050	1050
	48	48	48	48
<b>Filter—Type</b>				
Furnished	Field Supplied	Field Supplied	Field Supplied	Field Supplied
(NO.) Size Recommended in. [mm x mm x mm]	No	No	No	No
	(1)1x20x20 [25x508x508]	(1)1x20x20 [25x508x508]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
<b>Refrigerant Charge Oz. [g]</b>				
	97 [2750]	97 [2750]	108 [3062]	108 [3062]
<b>Weights</b>				
Net Weight lbs. [kg]	445 [202]	440 [200]	485 [220]	485 [220]
Ship Weight lbs. [kg]	455 [206]	450 [204]	496 [225]	496 [225]

See Page 9 for Notes.

[ ] Designates Metric Conversions

## NOMINAL SIZES 2-4 TONS [7.0-14.0 kW]

Model RQPW	B036JK08E	B036JK08X	B036JK10E	B036JK10X
<b>Cooling Performance<sup>1</sup></b>				
Gross Cooling Capacity Btu [kW]	36,800 [10.78]	36,800 [10.78]	36,800 [10.78]	36,800 [10.78]
EER/SEER <sup>2</sup>	11.3/14	11.3/14	11.3/14	11.3/14
Nominal CFM/AHRI Rated CFM [L/s]	1200/1250 [566/590]	1200/1250 [566/590]	1200/1250 [566/590]	1200/1250 [566/590]
AHRI Net Cooling Capacity Btu [kW]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]	36,000 [10.55]
Net Sensible Capacity Btu [kW]	27,000 [7.91]	27,000 [7.91]	27,000 [7.91]	27,000 [7.91]
Net Latent Capacity Btu [kW]	9,000 [2.64]	9,000 [2.64]	9,000 [2.64]	9,000 [2.64]
Net System Power [kW]	3	3	3	3
<b>Heating Performance (Heat Pumps)</b>				
High Temp. Btuh [kW] Rating	33,200 [9.73]	33,200 [9.73]	33,200 [9.73]	33,200 [9.73]
System Power KW / COP	2.7/3.6	2.7/3.6	2.7/3.6	2.7/3.6
Low Temp. Btuh [kW] Rating	18,000 [5.27]	18,000 [5.27]	18,000 [5.27]	18,000 [5.27]
System Power KW / COP	2.4/2.2	2.4/2.2	2.4/2.2	2.4/2.2
HSPF (BTU/Watts-hr)	8	8	8	8
<b>Heating Performance (Gas)<sup>3</sup></b>				
Heating Input Btu [kW]	80,000 [23.44]	80,000 [23.44]	100,000 [29.3]	100,000 [29.3]
Heating Output Btu [kW]	65,000 [19.04]	65,000 [19.04]	81,000 [23.73]	81,000 [23.73]
Temperature Rise Range °F [°C]	35-65 [19.4-36.1]	35-65 [19.4-36.1]	45-75 [25-41.7]	45-75 [25-41.7]
AFUE %	81	81	81	81
Steady State Efficiency (%)	82	82	82	82
No. Burners	4	4	5	5
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>4</sup></b>				
	76	76	76	76
<b>Outdoor Coil—Fin Type</b>				
Tube Type	Louvered	Louvered	Louvered	Louvered
	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]	11.2 [1.04]	11.2 [1.04]	11.2 [1.04]
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
<b>Indoor Coil—Fin Type</b>				
Tube Type	Louvered	Louvered	Louvered	Louvered
	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]
<b>Outdoor Fan—Type</b>				
	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 1/3 HP	1 at 1/3 HP	1 at 1/3 HP	1 at 1/3 HP
Motor RPM	1075	1075	1075	1075
<b>Indoor Fan—Type</b>				
	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	1/2
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
<b>Filter—Type</b>				
	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
<b>Refrigerant Charge Oz. [g]</b>				
	146 [4139]	146 [4139]	146 [4139]	146 [4139]
<b>Weights</b>				
Net Weight lbs. [kg]	506 [230]	506 [230]	511 [232]	511 [232]
Ship Weight lbs. [kg]	517 [235]	517 [235]	522 [237]	522 [237]

See Page 9 for Notes.

[ ] Designates Metric Conversions

## NOMINAL SIZES 2-4 TONS [7.0-14.0 kW]

Model RQPW	B042JK10E	B042JK10X	B048JK10E	B048JK10X
<b>Cooling Performance<sup>1</sup></b>				<b>CONTINUED</b> →
Gross Cooling Capacity Btu [kW]	43,500 [12.75]	43,500 [12.75]	49,000 [14.36]	49,000 [14.36]
EER/SEER <sup>2</sup>	11.3/14	11.3/14	11.5/14	11.5/14
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]	3.76	3.76	4.13	4.13
<b>Heating Performance (Heat Pumps)</b>				
High Temp. Btuh [kW] Rating	41,500 [12.16]	41,500 [12.16]	46,000 [13.48]	46,000 [13.48]
System Power KW / COP	3.58/3.4	3.58/3.4	3.92/3.44	3.92/3.44
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	3.41/2.08	3.41/2.08	3.54/2.2	3.54/2.2
HSPF (BTU/Watts-hr)	8	8	8	8
<b>Heating Performance (Gas)<sup>3</sup></b>				
Heating Input Btu [kW]	100,000 [29.3]	100,000 [29.3]	100,000 [29.3]	100,000 [29.3]
Heating Output Btu [kW]	81,000 [23.73]	81,000 [23.73]	81,000 [23.73]	81,000 [23.73]
Temperature Rise Range °F [°C]	45-75 [25-41.7]	45-75 [25-41.7]	45-75 [25-41.7]	45-75 [25-41.7]
AFUE %	81	81	81	81
Steady State Efficiency (%)	82	82	82	82
No. Burners	5	5	5	5
No. Stages	1	1	1	1
Gas Connection Pipe Size in. [mm]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]	0.5 [12.7]
<b>Compressor</b>				
No./Type	1/Scroll	1/Scroll	1/Scroll	1/Scroll
<b>Outdoor Sound Rating (dB)<sup>4</sup></b>	76	76	78	78
<b>Outdoor Coil—Fin Type</b>	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]	16.32 [1.52]	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
<b>Indoor Coil—Fin Type</b>	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]
<b>Outdoor Fan—Type</b>	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
<b>Indoor Fan—Type</b>	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple	Multiple	Multiple	Multiple
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
<b>Filter—Type</b>	Field Supplied	Field Supplied	Field Supplied	Field Supplied
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]	(1)1x24x24 [25x610x610]
<b>Refrigerant Charge Oz. [g]</b>	176 [4990]	176 [4990]	183 [5188]	183 [5188]
<b>Weights</b>				
Net Weight lbs. [kg]	572 [259]	572 [259]	604 [274]	604 [274]
Ship Weight lbs. [kg]	583 [264]	583 [264]	615 [279]	615 [279]

See Page 9 for Notes.

[ ] Designates Metric Conversions



## NOTES:

1. Cooling Performance is rated at 95° F ambient, 80° F entering dry bulb, 67° F entering wet bulb. Gross capacity does not include the effect of fan motor heat. AHRI capacity is net and includes the effect of fan motor heat. Units are suitable for operation to  $\pm 20\%$  of nominal cfm. Units are certified in accordance with the Unitary Air Conditioner Equipment certification program, which is based on AHRI Standard 210/240 or 360.
2. EER and/or SEER are rated at AHRI conditions and in accordance with DOE test procedures.
3. Heating Performance is rated at 47° F ambient, 70° F entering dry bulb for High Temp rating and 17° F ambient, 70° F entering dry bulb for Low Temp rating. Performance ratings do include the effect of fan motor heat. Heating Performance limit settings and rating data were established and approved under laboratory test conditions using American National Standard Institute standards. Ratings shown are for elevations up to 2000 feet. For elevations above 2000 feet, ratings should be reduced at the rate of 4% for each 1000 feet above sea level.
4. Outdoor Sound Rating shown is tested in accordance with AHRI Standard 270.

## COOLING PERFORMANCE DATA—RQPW-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]	29.4 [8.6]	28.9 [8.5]	28.3 [8.3]	28.0 [8.2]	27.6 [8.1]	27.0 [7.9]	26.6 [7.8]	26.2 [7.7]	25.7 [7.5]
		Sens BTUH [kW]	18.9 [5.5]	17.6 [5.2]	16.2 [4.8]	21.3 [6.3]	20.0 [5.9]	18.4 [5.4]	23.4 [6.9]	22.0 [6.5]	20.4 [6.0]
		Power	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	80 [26.7]	Total BTUH [kW]	28.8 [8.4]	28.3 [8.3]	27.7 [8.1]	27.4 [8.0]	26.9 [7.9]	26.4 [7.7]	26.0 [7.6]	25.5 [7.5]	25.1 [7.4]
		Sens BTUH [kW]	18.6 [5.5]	17.3 [5.1]	15.9 [4.7]	21.0 [6.2]	19.6 [5.8]	18.2 [5.3]	23.0 [6.8]	21.5 [6.3]	20.1 [5.9]
		Power	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	85 [29.4]	Total BTUH [kW]	28.0 [8.2]	27.5 [8.1]	27.0 [7.9]	26.7 [7.8]	26.2 [7.7]	25.7 [7.5]	25.2 [7.4]	24.8 [7.3]	24.3 [7.1]
		Sens BTUH [kW]	18.2 [5.3]	16.9 [5.0]	15.6 [4.6]	20.7 [6.1]	19.3 [5.7]	17.9 [5.3]	22.5 [6.6]	21.2 [6.2]	19.7 [5.8]
		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]	27.1 [7.9]	26.7 [7.8]	26.2 [7.7]	25.8 [7.6]	25.3 [7.4]	24.9 [7.3]	24.4 [7.2]	23.9 [7.0]	23.5 [6.9]	
	Sens BTUH [kW]	17.6 [5.2]	16.5 [4.8]	15.2 [4.5]	20.1 [5.9]	18.8 [5.5]	17.5 [5.1]	22.1 [6.5]	20.7 [6.1]	19.3 [5.7]	
	Power	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	
95 [35]	Total BTUH [kW]	26.1 [7.6]	25.7 [7.5]	25.2 [7.4]	24.8 [7.3]	24.4 [7.2]	23.9 [7.0]	23.4 [6.9]	23.0 [6.7]	22.5 [6.6]	
	Sens BTUH [kW]	17.1 [5.0]	16.0 [4.7]	14.7 [4.3]	19.6 [5.8]	18.4 [5.4]	17.0 [5.0]	21.6 [6.3]	20.3 [6.0]	18.8 [5.5]	
	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]	25.0 [7.3]	24.6 [7.2]	24.1 [7.1]	23.7 [6.9]	23.3 [6.8]	22.8 [6.7]	22.2 [6.5]	21.9 [6.4]	21.4 [6.3]	
	Sens BTUH [kW]	16.6 [4.9]	15.5 [4.6]	14.3 [4.2]	19.1 [5.6]	17.9 [5.3]	16.5 [4.8]	21.0 [6.2]	19.8 [5.8]	18.3 [5.4]	
	Power	2.0	1.9	1.9	2.0	1.9	1.9	1.9	1.9	1.9	
105 [40.6]	Total BTUH [kW]	23.8 [7.0]	23.4 [6.9]	22.9 [6.7]	22.4 [6.6]	22.0 [6.4]	21.6 [6.3]	21.0 [6.2]	20.6 [6.0]	20.2 [5.9]	
	Sens BTUH [kW]	16.0 [4.7]	14.9 [4.4]	13.7 [4.0]	18.4 [5.4]	17.2 [5.1]	16.0 [4.7]	20.4 [6.0]	19.1 [5.6]	17.8 [5.2]	
	Power	2.1	2.1	2.0	2.1	2.1	2.0	2.1	2.1	2.0	
110 [43.3]	Total BTUH [kW]	22.4 [6.6]	22.0 [6.4]	21.6 [6.3]	21.0 [6.2]	20.7 [6.1]	20.3 [5.9]	19.6 [5.7]	19.3 [5.7]	18.9 [5.5]	
	Sens BTUH [kW]	15.3 [4.5]	14.3 [4.2]	13.2 [3.9]	17.7 [5.2]	16.7 [4.9]	15.5 [4.6]	19.6 [5.8]	18.6 [5.5]	17.3 [5.1]	
	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]	20.9 [6.1]	20.6 [6.0]	20.2 [5.9]	19.5 [5.7]	19.2 [5.6]	18.8 [5.5]	18.1 [5.3]	17.8 [5.2]	17.5 [5.1]	
	Sens BTUH [kW]	14.6 [4.3]	13.7 [4.0]	12.6 [3.7]	17.0 [5.0]	16.0 [4.7]	14.8 [4.3]	18.1 [5.3]	17.8 [5.2]	16.7 [4.9]	
	Power	2.4	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  $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$ .

## HEATING PERFORMANCE DATA—RQPW-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]	9.0 [2.6]	9.0 [2.6]	8.9 [2.6]	7.9 [2.3]	7.8 [2.3]	7.8 [2.3]	6.7 [2.0]	6.7 [2.0]	6.6 [1.9]
		Power	1.3	1.3	1.4	1.5	1.5	1.5	1.7	1.8	1.8
	5 [-15]	Total BTUH [kW]	10.7 [3.1]	10.6 [3.1]	10.5 [3.1]	9.5 [2.8]	9.4 [2.8]	9.4 [2.8]	8.3 [2.4]	8.3 [2.4]	8.2 [2.4]
		Power	1.3	1.4	1.4	1.5	1.5	1.6	1.8	1.8	1.8
	10 [-12.2]	Total BTUH [kW]	12.3 [3.6]	12.2 [3.6]	12.1 [3.5]	11.1 [3.3]	11.1 [3.3]	11.0 [3.2]	10.0 [2.9]	9.9 [2.9]	9.8 [2.9]
		Power	1.4	1.4	1.4	1.5	1.6	1.6	1.8	1.8	1.8
	15 [-9.4]	Total BTUH [kW]	13.9 [4.1]	13.8 [4.0]	13.7 [4.0]	12.8 [3.8]	12.7 [3.7]	12.6 [3.7]	11.6 [3.4]	11.5 [3.4]	11.4 [3.3]
		Power	1.4	1.4	1.4	1.6	1.6	1.6	1.8	1.8	1.9
	20 [-6.7]	Total BTUH [kW]	15.6 [4.6]	15.5 [4.5]	15.3 [4.5]	14.4 [4.2]	14.3 [4.2]	14.2 [4.2]	13.2 [3.9]	13.1 [3.8]	13.0 [3.8]
		Power	1.4	1.4	1.4	1.6	1.6	1.6	1.8	1.9	1.9
25 [-3.9]	Total BTUH [kW]	17.2 [5.0]	17.1 [5.0]	16.9 [5.0]	16.0 [4.7]	15.9 [4.7]	15.8 [4.6]	14.9 [4.4]	14.8 [4.3]	14.7 [4.3]	
	Power	1.4	1.4	1.5	1.6	1.6	1.6	1.8	1.9	1.9	
30 [-1.1]	Total BTUH [kW]	18.8 [5.5]	18.7 [5.5]	18.5 [5.4]	17.7 [5.2]	17.5 [5.1]	17.4 [5.1]	16.5 [4.8]	16.4 [4.8]	16.3 [4.8]	
	Power	1.4	1.5	1.5	1.6	1.6	1.7	1.9	1.9	1.9	
35 [1.7]	Total BTUH [kW]	20.4 [6.0]	20.3 [5.9]	20.2 [5.9]	19.3 [5.7]	19.2 [5.6]	19.0 [5.6]	18.1 [5.3]	18.0 [5.3]	17.9 [5.2]	
	Power	1.5	1.5	1.5	1.6	1.7	1.7	1.9	1.9	1.9	
40 [4.4]	Total BTUH [kW]	22.1 [6.5]	21.9 [6.4]	21.8 [6.4]	20.9 [6.1]	20.8 [6.1]	20.6 [6.0]	19.7 [5.8]	19.6 [5.7]	19.5 [5.7]	
	Power	1.5	1.5	1.5	1.7	1.7	1.7	1.9	1.9	2.0	
45 [7.2]	Total BTUH [kW]	23.7 [6.9]	23.5 [6.9]	23.4 [6.9]	22.5 [6.6]	22.4 [6.6]	22.2 [6.5]	21.4 [6.3]	21.2 [6.2]	21.1 [6.2]	
	Power	1.5	1.5	1.5	1.7	1.7	1.7	1.9	2.0	2.0	
50 [10]	Total BTUH [kW]	25.3 [7.4]	25.2 [7.4]	25.0 [7.3]	24.2 [7.1]	24.0 [7.0]	23.8 [7.0]	23.0 [6.7]	22.9 [6.7]	22.7 [6.7]	
	Power	1.5	1.5	1.6	1.7	1.7	1.7	1.9	2.0	2.0	

IDB—Indoor air dry bulb

[ ] Designates Metric Conversions

## COOLING PERFORMANCE DATA—RQPW-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]	36.9 [10.81]	36.2 [10.61]	35.5 [10.40]	34.9 [10.23]	34.2 [10.02]	33.6 [9.85]	33.5 [9.82]	32.9 [9.64]	32.3 [9.47]
		Sens BTUH [kW]	23.7 [6.95]	22.6 [6.62]	21.5 [6.30]	26.9 [7.88]	25.7 [7.53]	24.5 [7.18]	28.4 [8.32]	27.1 [7.94]	25.8 [7.56]
		Power	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	80 [26.7]	Total BTUH [kW]	35.7 [10.46]	35.1 [10.29]	34.4 [10.08]	33.7 [9.88]	33.1 [9.70]	32.5 [9.52]	32.3 [9.47]	31.8 [9.32]	31.2 [9.14]
		Sens BTUH [kW]	23.1 [6.77]	22.0 [6.45]	21.0 [6.15]	26.3 [7.71]	25.2 [7.39]	24.0 [7.03]	27.8 [8.15]	26.5 [7.77]	25.3 [7.41]
		Power	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	85 [29.4]	Total BTUH [kW]	34.6 [10.14]	33.9 [9.94]	33.3 [9.76]	32.6 [9.55]	32.0 [9.38]	31.4 [9.20]	31.2 [9.14]	30.6 [8.97]	30.1 [8.82]
		Sens BTUH [kW]	22.5 [6.59]	21.5 [6.30]	20.5 [6.01]	25.8 [7.56]	24.6 [7.21]	23.5 [6.89]	27.2 [7.97]	26.0 [7.62]	24.8 [7.27]
		Power	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	90 [32.2]	Total BTUH [kW]	33.4 [9.79]	32.8 [9.61]	32.2 [9.44]	31.4 [9.20]	30.9 [9.06]	30.3 [8.88]	30.1 [8.82]	29.5 [8.65]	29.0 [8.50]
Sens BTUH [kW]		21.9 [6.42]	20.9 [6.13]	20.0 [5.86]	25.2 [7.39]	24.1 [7.06]	23.0 [6.74]	26.6 [7.80]	25.4 [7.44]	24.3 [7.12]	
Power		2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
95 [35]	Total BTUH [kW]	32.3 [9.47]	31.7 [9.29]	31.1 [9.11]	30.3 [8.88]	29.8 [8.73]	29.2 [8.56]	28.9 [8.47]	28.4 [8.32]	27.9 [8.18]	
	Sens BTUH [kW]	21.4 [6.27]	20.4 [5.98]	19.5 [5.71]	24.7 [7.24]	23.6 [6.92]	22.5 [6.59]	26.1 [7.65]	24.9 [7.30]	23.8 [6.98]	
	Power	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.3	
100 [37.8]	Total BTUH [kW]	31.1 [9.11]	30.6 [8.97]	30.0 [8.79]	29.1 [8.53]	28.6 [8.38]	28.1 [8.24]	27.8 [8.15]	27.3 [8.00]	26.8 [7.85]	
	Sens BTUH [kW]	20.8 [6.10]	19.9 [5.83]	19.0 [5.57]	24.1 [7.06]	23.0 [6.74]	22.0 [6.45]	25.5 [7.47]	24.4 [7.15]	23.3 [6.83]	
	Power	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.4	2.4	
105 [40.6]	Total BTUH [kW]	30.0 [8.79]	29.4 [8.62]	28.9 [8.47]	28.0 [8.21]	27.5 [8.06]	27.0 [7.91]	26.6 [7.80]	26.1 [7.65]	25.6 [7.50]	
	Sens BTUH [kW]	20.3 [5.95]	19.4 [5.69]	18.5 [5.42]	23.6 [6.92]	22.5 [6.59]	21.5 [6.30]	25.0 [7.33]	23.9 [7.00]	22.8 [6.68]	
	Power	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.5	2.5	
110 [43.3]	Total BTUH [kW]	28.7 [8.41]	28.2 [8.26]	27.7 [8.12]	26.7 [7.83]	26.2 [7.68]	25.8 [7.56]	25.4 [7.44]	24.9 [7.30]	24.5 [7.18]	
	Sens BTUH [kW]	19.7 [5.77]	18.8 [5.51]	18.0 [5.28]	23.0 [6.74]	22.0 [6.45]	21.0 [6.15]	24.4 [7.15]	23.4 [6.86]	22.3 [6.54]	
	Power	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.6	
115 [46.1]	Total BTUH [kW]	27.4 [8.03]	26.9 [7.88]	26.4 [7.74]	25.4 [7.44]	25.0 [7.33]	24.5 [7.18]	24.1 [7.06]	23.6 [6.92]	23.2 [6.80]	
	Sens BTUH [kW]	19.2 [5.63]	18.3 [5.36]	17.5 [5.13]	22.5 [6.59]	21.5 [6.30]	20.5 [6.01]	23.9 [7.00]	22.8 [6.68]	21.8 [6.39]	
	Power	2.7	2.7	2.7	2.7	2.6	2.6	2.7	2.7	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—RQPW-030

		IDB	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]	9.5 [2.78]	9.5 [2.78]	9.4 [2.75]	8.0 [2.34]	7.9 [2.32]	7.9 [2.32]	6.6 [1.93]	6.5 [1.90]	6.5 [1.90]
		Power	1.6	1.6	1.6	1.8	1.8	1.8	2.0	2.0	2.1
	5 [-15]	Total BTUH [kW]	11.5 [3.37]	11.4 [3.34]	11.3 [3.31]	9.9 [2.90]	9.8 [2.87]	9.8 [2.87]	8.5 [2.49]	8.4 [2.46]	8.4 [2.46]
		Power	1.6	1.6	1.6	1.8	1.8	1.9	2.0	2.1	2.1
	10 [-12.2]	Total BTUH [kW]	13.4 [3.93]	13.3 [3.90]	13.2 [3.87]	11.8 [3.46]	11.8 [3.46]	11.7 [3.43]	10.4 [3.05]	10.3 [3.02]	10.3 [3.02]
		Power	1.6	1.7	1.7	1.9	1.9	1.9	2.1	2.1	2.1
	15 [-9.4]	Total BTUH [kW]	15.3 [4.48]	15.2 [4.45]	15.1 [4.43]	13.8 [4.04]	13.7 [4.02]	13.6 [3.99]	12.3 [3.60]	12.3 [3.60]	12.2 [3.58]
		Power	1.7	1.7	1.7	1.9	1.9	1.9	2.1	2.1	2.2
	20 [-6.7]	Total BTUH [kW]	17.2 [5.04]	17.1 [5.01]	17.0 [4.98]	15.7 [4.60]	15.6 [4.57]	15.5 [4.54]	14.3 [4.19]	14.2 [4.16]	14.1 [4.13]
		Power	1.7	1.7	1.7	1.9	1.9	2.0	2.1	2.2	2.2
25 [-3.9]	Total BTUH [kW]	19.2 [5.63]	19.0 [5.57]	18.9 [5.54]	17.6 [5.16]	17.5 [5.13]	17.4 [5.10]	16.2 [4.75]	16.1 [4.72]	16.0 [4.69]	
	Power	1.7	1.8	1.8	1.9	2.0	2.0	2.2	2.2	2.2	
30 [-1.1]	Total BTUH [kW]	21.1 [6.18]	20.9 [6.13]	20.8 [6.10]	19.5 [5.71]	19.4 [5.69]	19.3 [5.66]	18.1 [5.30]	18.0 [5.28]	17.9 [5.25]	
	Power	1.8	1.8	1.8	2.0	2.0	2.0	2.2	2.2	2.3	
35 [1.7]	Total BTUH [kW]	23.0 [6.74]	22.8 [6.68]	22.7 [6.65]	21.5 [6.30]	21.3 [6.24]	21.2 [6.21]	20.0 [5.86]	19.9 [5.83]	19.7 [5.77]	
	Power	1.8	1.8	1.8	2.0	2.0	2.1	2.2	2.3	2.3	
40 [4.4]	Total BTUH [kW]	24.9 [7.30]	24.8 [7.27]	24.6 [7.21]	23.4 [6.86]	23.2 [6.80]	23.0 [6.74]	22.0 [6.45]	21.8 [6.39]	21.6 [6.33]	
	Power	1.8	1.8	1.9	2.0	2.1	2.1	2.3	2.3	2.3	
45 [7.2]	Total BTUH [kW]	26.9 [7.88]	26.7 [7.83]	26.5 [7.77]	25.3 [7.41]	25.1 [7.36]	24.9 [7.30]	23.9 [7.00]	23.7 [6.95]	23.5 [6.89]	
	Power	1.9	1.9	1.9	2.1	2.1	2.1	2.3	2.3	2.4	
50 [10]	Total BTUH [kW]	28.8 [8.44]	28.6 [8.38]	28.4 [8.32]	27.2 [7.97]	27.0 [7.91]	26.8 [7.85]	25.8 [7.56]	25.6 [7.50]	25.4 [7.44]	
	Power	1.9	1.9	1.9	2.1	2.1	2.2	2.3	2.4	2.4	

IDB—Indoor air dry bulb

[ ] Designates Metric Conversions

## COOLING PERFORMANCE DATA—RQPW-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			.19	.18	.16	.19	.18	.16	.19	.18	.16
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 x CFM x (1 – DR) x (dbE – 80)].

## HEATING PERFORMANCE DATA—RQPW-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]	31.3 [9.17]	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]	34.2 [10.02]	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—RQPW-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 [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  $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$ .

## HEATING PERFORMANCE DATA—RQPW-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]	22.7 [6.65]	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]	26.0 [7.62]	
	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—RQPW-048

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

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

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

**NOTES:**

① When the entering air dry bulb is other than 80°F [27°C], adjust the sensible capacity from the table by adding [1.10 x CFM x (1 - DR) x (dbE - 80)].

## HEATING PERFORMANCE DATA—RQPW-048

IDB											
CFM [L/s]			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
			1760 [831]	1600 [755]	1440 [680]	1760 [831]	1600 [755]	1440 [680]	1760 [831]	1600 [755]	1440 [680]
O U T D O O R  D R Y  B U L B  T E M P E R A T U R E  ° F [ ° C]	0 [-17.8]	Total BTUH [kW]	16.9 [4.95]	16.8 [4.92]	16.7 [4.89]	15.4 [4.51]	15.3 [4.48]	15.2 [4.45]	14.4 [4.22]	14.3 [4.19]	14.2 [4.16]
		Power	2.6	2.6	2.6	3.0	3.0	3.0	3.4	3.5	3.5
	5 [-15]	Total BTUH [kW]	20.1 [5.89]	19.9 [5.83]	19.8 [5.80]	18.6 [5.45]	18.5 [5.42]	18.3 [5.36]	17.6 [5.16]	17.5 [5.13]	17.3 [5.07]
		Power	2.6	2.6	2.7	3.0	3.0	3.1	3.5	3.5	3.5
	10 [-12.2]	Total BTUH [kW]	23.2 [6.80]	23.1 [6.77]	22.9 [6.71]	21.8 [6.39]	21.6 [6.33]	21.5 [6.30]	20.7 [6.07]	20.6 [6.04]	20.5 [6.01]
		Power	2.7	2.7	2.7	3.1	3.1	3.1	3.5	3.6	3.6
	15 [-9.4]	Total BTUH [kW]	26.4 [7.74]	26.2 [7.68]	26.0 [7.62]	24.9 [7.30]	24.7 [7.24]	24.6 [7.21]	23.9 [7.00]	23.7 [6.95]	23.6 [6.92]
		Power	2.7	2.8	2.8	3.1	3.2	3.2	3.6	3.6	3.7
	20 [-6.7]	Total BTUH [kW]	29.6 [8.67]	29.3 [8.59]	29.1 [8.53]	28.1 [8.24]	27.9 [8.18]	27.7 [8.12]	27.1 [7.94]	26.9 [7.88]	26.7 [7.83]
		Power	2.8	2.8	2.8	3.2	3.2	3.2	3.6	3.7	3.7
25 [-3.9]	Total BTUH [kW]	32.7 [9.58]	32.5 [9.52]	32.2 [9.44]	31.2 [9.14]	31.0 [9.09]	30.8 [9.03]	30.2 [8.85]	30.0 [8.79]	29.8 [8.73]	
	Power	2.8	2.9	2.9	3.2	3.3	3.3	3.7	3.7	3.8	
30 [-1.1]	Total BTUH [kW]	35.9 [10.52]	35.6 [10.43]	35.4 [10.37]	34.4 [10.08]	34.1 [9.99]	33.9 [9.94]	33.4 [9.79]	33.1 [9.70]	32.9 [9.64]	
	Power	2.9	2.9	2.9	3.3	3.3	3.4	3.7	3.8	3.8	
35 [1.7]	Total BTUH [kW]	39.0 [11.43]	38.7 [11.34]	38.5 [11.28]	37.6 [11.02]	37.3 [10.93]	37.0 [10.84]	36.5 [10.70]	36.3 [10.64]	36.0 [10.55]	
	Power	2.9	3.0	3.0	3.3	3.4	3.4	3.8	3.8	3.9	
40 [4.4]	Total BTUH [kW]	42.2 [12.37]	41.9 [12.28]	41.6 [12.19]	40.7 [11.93]	40.4 [11.84]	40.1 [11.75]	39.7 [11.63]	39.4 [11.55]	39.1 [11.46]	
	Power	3.0	3.0	3.1	3.4	3.4	3.5	3.8	3.9	3.9	
45 [7.2]	Total BTUH [kW]	45.3 [13.28]	45.0 [13.19]	44.7 [13.10]	43.9 [12.87]	43.6 [12.78]	43.2 [12.66]	42.8 [12.54]	42.5 [12.46]	42.2 [12.37]	
	Power	3.0	3.1	3.1	3.4	3.5	3.5	3.9	3.9	4.0	
50 [10]	Total BTUH [kW]	48.5 [14.21]	48.2 [14.13]	47.8 [14.01]	47.0 [13.77]	46.7 [13.69]	46.4 [13.60]	46.0 [13.48]	45.7 [13.39]	45.4 [13.31]	
	Power	3.1	3.1	3.2	3.5	3.5	3.6	3.9	4.0	4.0	

IDB—Indoor air dry bulb

[ ] Designates Metric Conversions

# INDOOR AIRFLOW PERFORMANCE — 208 VOLTS

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heat Pump Recommended Airflow (Min/Max) CFM	Blower Size/ Motor HP [W] & # of Speeds	Motor Speed	External Static Pressure—Inches W.C. [kPa] (Side Discharge—Wet Coil)								
	HP (Cool/Heat)	Gas Heat				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]	High HP (Tap 3)	Gas Heat (Tap 5)	700 CFM/900 CFM [330/425 L/s]	9 x 7 Blower 1/3 HP [249 W] 4 Speed X13 Motor	Cont. Fan Dedicated (Tap 1)	CFM [l/s]	821 [387]	799 [377]	775 [366]	742 [350]	706 [333]	681 [321]	641 [303]	611 [288]
					RPM	878	903	953	1032	1075	1119	1176		
					Watts	131	134	142	145	147	154	156	161	
					CFM [l/s]	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	
2.0 [7.03]	High HP (Tap 3)	Gas Heat (Tap 5)	700 CFM/900 CFM [330/425 L/s]	9 x 7 Blower 1/3 HP [249 W] 4 Speed X13 Motor	Low HP (Cool/Heat) (Tap 2)	Watts	145	147	156	157	164	167	176	
					High HP (Cool/Heat) (Tap 3)	CFM [l/s]	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	
					CFM [l/s]	821 [387]	799 [377]	775 [366]	742 [350]	706 [333]	681 [321]	641 [303]	611 [288]	
2.5 [8.79]	Med HP (Tap 3)	Gas Heat (Tap 5)	875 CFM/1125 CFM [652/839 L/s]	10 x 9 Blower 1/2 HP [373 W] 5 Speed X13 Motor	Cont. Fan Dedicated (Tap 1)	Watts	131	134	142	145	147	154	156	161
					RPM	878	903	953	1032	1075	1119	1176		
					Watts	143	145	155	159	169	182	185	192	
					CFM [l/s]	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	
2.5 [8.79]	Med HP (Tap 3)	Gas Heat (Tap 5)	875 CFM/1125 CFM [652/839 L/s]	10 x 9 Blower 1/2 HP [373 W] 5 Speed X13 Motor	Med HP (Cool/Heat) (Tap 3)	Watts	143	145	155	159	169	182	185	192
					RPM	744	785	833	864	905	951	1020	1053	
					Watts	167	177	188	191	202	206	217	351	
					CFM [l/s]	1165 [550]	1132 [534]	1091 [515]	1051 [496]	1009 [476]	959 [453]	855 [404]	819 [387]	
					RPM	796	826	868	893	934	982	1026	1086	
3.0 [10.55]	Med HP (Tap 3)	Gas Heat (Tap 5)	1050 CFM/1350 CFM [782/1007 L/s]	10 x 9 Blower 1/2 HP [373 W] 5 Speed X13 Motor	High HP (Cool/Heat) (Tap 4)	Watts	206	210	219	225	234	245	248	256
					RPM	206	210	219	225	234	245	248	256	
					Watts	150	150	180	183	185	190	195	215	
					CFM [l/s]	1228 [580]	1187 [560]	1140 [538]	1105 [522]	1062 [501]	1008 [476]	959 [453]	911 [430]	
					RPM	761	808	841	884	920	960	999	1038	
3.0 [10.55]	Med HP (Tap 3)	Gas Heat (Tap 5)	1050 CFM/1350 CFM [782/1007 L/s]	10 x 9 Blower 1/2 HP [373 W] 5 Speed X13 Motor	Gas Heat Dedicated (Tap 5)	Watts	150	170	180	183	185	190	195	215
					RPM	150	170	180	183	185	190	195	215	
					Watts	150	170	180	183	185	190	195	215	
					CFM [l/s]	1228 [580]	1187 [560]	1140 [538]	1105 [522]	1062 [501]	1008 [476]	959 [453]	911 [430]	
					RPM	761	808	841	884	920	960	999	1038	
3.0 [10.55]	Med HP (Tap 3)	Gas Heat (Tap 5)	1050 CFM/1350 CFM [782/1007 L/s]	10 x 9 Blower 1/2 HP [373 W] 5 Speed X13 Motor	Cont. Fan Dedicated (Tap 1)	CFM [l/s]	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	
					CFM [l/s]	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	
3.0 [10.55]	Med HP (Tap 3)	Gas Heat (Tap 5)	1050 CFM/1350 CFM [782/1007 L/s]	10 x 9 Blower 1/2 HP [373 W] 5 Speed X13 Motor	High HP (Cool/Heat) (Tap 4)	Watts	233	242	248	255	262	268	277	284
					RPM	233	242	248	255	262	268	277	284	
					Watts	1396 [659]	1357 [640]	1334 [630]	1286 [607]	1253 [591]	1207 [570]	1163 [549]	1103 [521]	
					CFM [l/s]	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	
3.0 [10.55]	Med HP (Tap 3)	Gas Heat (Tap 5)	1050 CFM/1350 CFM [782/1007 L/s]	10 x 9 Blower 1/2 HP [373 W] 5 Speed X13 Motor	Gas Heat Dedicated (Tap 5)	Watts	268	280	288	292	299	304	310	316
					RPM	268	280	288	292	299	304	310	316	
					Watts	1228 [580]	1187 [560]	1140 [538]	1105 [522]	1062 [501]	1008 [476]	959 [453]	911 [430]	
					CFM [l/s]	1228 [580]	1187 [560]	1140 [538]	1105 [522]	1062 [501]	1008 [476]	959 [453]	911 [430]	
					RPM	761	808	841	884	920	960	999	1038	
3.0 [10.55]	Med HP (Tap 3)	Gas Heat (Tap 5)	1050 CFM/1350 CFM [782/1007 L/s]	10 x 9 Blower 1/2 HP [373 W] 5 Speed X13 Motor	Cont. Fan Dedicated (Tap 1)	Watts	150	170	180	183	185	190	195	215
					RPM	150	170	180	183	185	190	195	215	
					Watts	150	170	180	183	185	190	195	215	
					CFM [l/s]	1228 [580]	1187 [560]	1140 [538]	1105 [522]	1062 [501]	1008 [476]	959 [453]	911 [430]	
					RPM	761	808	841	884	920	960	999	1038	

NOTES: Do not connect wiring to unspecified speed taps.  
Heat Pump speed must be changed to Low to achieve AHRI performance.

[ J ] Designates Metric Conversions

# INDOOR AIRFLOW PERFORMANCE — 208 VOLTS (cont.)

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heat Pump Recommended Airflow (Min/Max) CFM	Blower Size/ Motor HP [W] & # of Speeds	Motor Speed	External Static Pressure—Inches W.C. [kPa]									
	HP (Cool/Heat)	Gas Heat				0.1 [ .02]	0.2 [ .05]	0.3 [ .07]	0.4 [ .10]	0.5 [ .12]	0.6 [ .15]	0.7 [ .17]	0.8 [ .20]		
3.5 [12.31]	High HP (Tap 3)	Gas Heat (Tap 5)	1225 CFM/1575 CFM [913/1174 L/s]	10 x 9 Blower 3/4 HP [559 W] 4 Speed X13 Motor	Cont. Fan Dedicated (Tap 1)	CFM [l/s]	1454 [666]	1433 [676]	1392 [657]	1354 [639]	1322 [624]	1283 [606]	1238 [584]	1192 [563]	
						RPM	923	946	976	1015	1044	1085	1126	1146	
						Watts	301	309	316	327	337	348	356	363	
						CFM [l/s]	1455 [667]	1431 [675]	1396 [659]	1360 [642]	1315 [621]	1285 [606]	1241 [586]		
						RPM	824	856	889	931	968	1009	1041		
	4.0 [14.07]	High HP (Tap 3)	Gas Heat (Tap 5)	1350 CFM/1700 CFM [1007/1268 L/s]	10 x 9 Blower 3/4 HP [559 W] 4 Speed X13 Motor	Low HP (Cool/Heat) (Tap 2)	CFM [l/s]	1454 [666]	1433 [676]	1392 [657]	1354 [639]	1322 [624]	1283 [606]	1238 [584]	1192 [563]
							RPM	923	946	976	1015	1044	1085	1126	1146
							Watts	301	309	316	327	337	348	356	363
							CFM [l/s]	1675 [791]	1658 [782]	1610 [760]	1580 [746]	1535 [724]	1491 [704]	1422 [671]	
							RPM	923	944	979	1013	1045	1077	1098	
4.0 [14.07]	High HP (Tap 3)	Gas Heat (Tap 5)	1350 CFM/1700 CFM [1007/1268 L/s]	10 x 9 Blower 3/4 HP [559 W] 4 Speed X13 Motor	High HP (Cool/Heat) (Tap 3)	CFM [l/s]	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		
						CFM [l/s]	1454 [666]	1433 [676]	1392 [657]	1354 [639]	1322 [624]	1283 [606]	1238 [584]	1192 [563]	
						RPM	923	946	976	1015	1044	1085	1126	1146	
	4.0 [14.07]	High HP (Tap 3)	Gas Heat (Tap 5)	1350 CFM/1700 CFM [1007/1268 L/s]	10 x 9 Blower 3/4 HP [559 W] 4 Speed X13 Motor	Gas Heat Dedicated (Tap 5)	CFM [l/s]	1454 [666]	1433 [676]	1392 [657]	1354 [639]	1322 [624]	1283 [606]	1238 [584]	1192 [563]
							RPM	923	946	976	1015	1044	1085	1126	1146
							Watts	301	309	316	327	337	348	356	363
							CFM [l/s]	1454 [666]	1433 [676]	1392 [657]	1354 [639]	1322 [624]	1283 [606]	1238 [584]	1192 [563]
							RPM	923	946	976	1015	1044	1085	1126	1146

NOTES: Do not connect wiring to unspecified speed taps.  
Heat Pump speed must be changed to Low to achieve AHRI performance.

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

[ ] Designates Metric Conversions



# INDOOR AIRFLOW PERFORMANCE — 230 VOLTS

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Heat Pump Recommended Airflow (Min/Max) CFM	Blower Size/ Motor HP [W] & # of Speeds	Motor Speed	External Static Pressure—Inches W.C. [kPa] (Side Discharge—Wet Coil)									
	HP (Cool/Heat)	Gas Heat				0.1 [0.02]	0.2 [0.05]	0.3 [0.07]	0.4 [1.10]	0.5 [1.12]	0.6 [1.15]	0.7 [1.17]	0.8 [1.20]		
2.0 [7.03]	High HP (Tap 3)	Gas Heat (Tap 5)	700 CFM/900 CFM [330/425 L/s]	9 x 7 Blower 1/3 HP [249 W] 4 Speed X13 Motor	Cont. Fan Dedicated (Tap 1)	CFM [l/s]	829 [391]	808 [381]	789 [372]	756 [357]	737 [348]	697 [329]	668 [315]	615 [290]	
						RPM	890	915	961	1000	1046	1089	1121	1173	
						Watts	137	139	148	151	160	163	166	167	
						CFM [l/s]	862 [407]	834 [394]	819 [387]	781 [369]	761 [359]	729 [344]	695 [328]	606 [286]	
						RPM	889	953	974	1018	1065	1101	1133	1156	
	Med HP (Tap 3)	Gas Heat (Tap 5)	700 CFM/900 CFM [330/425 L/s]	9 x 7 Blower 1/3 HP [249 W] 4 Speed X13 Motor	Cont. Fan Dedicated (Tap 1)	Watts	151	159	162	166	173	176	180	180	165
						CFM [l/s]	918 [433]	888 [419]	874 [412]	838 [395]	819 [387]	781 [369]	711 [336]	616 [291]	
						RPM	953	988	1032	1060	1091	1126	1146	1157	
						Watts	181	184	194	198	200	204	189	168	
						CFM [l/s]	829 [391]	808 [381]	789 [372]	756 [357]	737 [348]	697 [329]	668 [315]	615 [290]	
2.5 [8.79]	Med HP (Tap 3)	Gas Heat (Tap 5)	875 CFM/1125 CFM [652/839 L/s]	10 x 9 Blower 1/2 HP [373 W] 5 Speed X13 Motor	Cont. Fan Dedicated (Tap 1)	CFM [l/s]	1076 [508]	1041 [491]	1017 [480]	970 [458]	928 [438]	852 [402]	785 [370]	745 [352]	
						RPM	715	753	787	825	877	946	1005	1032	
						Watts	144	148	157	169	175	187	198	202	
						CFM [l/s]	1076 [508]	1041 [491]	1017 [480]	970 [458]	928 [438]	852 [402]	785 [370]	745 [352]	
						RPM	715	753	787	825	877	946	1005	1032	
	Med HP (Tap 3)	Gas Heat (Tap 5)	875 CFM/1125 CFM [652/839 L/s]	10 x 9 Blower 1/2 HP [373 W] 5 Speed X13 Motor	Cont. Fan Dedicated (Tap 1)	Watts	144	148	157	169	175	187	198	202	
						CFM [l/s]	1187 [560]	1124 [530]	1096 [517]	1071 [505]	1024 [483]	987 [466]	896 [423]	852 [402]	
						RPM	762	799	832	859	914	940	1021	1059	
						Watts	176	182	191	196	209	212	227	235	
						CFM [l/s]	1271 [600]	1223 [577]	1169 [552]	1137 [537]	1104 [521]	1071 [505]	1015 [479]	934 [441]	
3.0 [10.55]	Med HP (Tap 3)	Gas Heat (Tap 5)	1050 CFM/1350 CFM [782/1007 L/s]	10 x 9 Blower 1/2 HP [373 W] 5 Speed X13 Motor	Cont. Fan Dedicated (Tap 1)	CFM [l/s]	1241 [586]	1203 [568]	1155 [545]	1119 [528]	1082 [511]	1032 [487]	994 [469]	950 [448]	
						RPM	771	815	848	886	932	965	1004	1044	
						Watts	155	162	170	182	193	200	210	220	
						CFM [l/s]	1241 [586]	1203 [568]	1155 [545]	1119 [528]	1082 [511]	1032 [487]	994 [469]	950 [448]	
						RPM	771	815	848	886	932	965	1004	1044	
	Med HP (Tap 3)	Gas Heat (Tap 5)	1050 CFM/1350 CFM [782/1007 L/s]	10 x 9 Blower 1/2 HP [373 W] 5 Speed X13 Motor	Cont. Fan Dedicated (Tap 1)	Watts	155	162	170	182	193	200	210	220	
						CFM [l/s]	1258 [594]	1215 [573]	1200 [566]	1160 [547]	1130 [533]	1082 [511]	1026 [484]	954 [450]	
						RPM	802	829	861	894	933	971	1020	1077	
						Watts	210	217	225	230	239	245	259	268	
						CFM [l/s]	1336 [631]	1298 [613]	1259 [594]	1229 [580]	1198 [565]	1160 [547]	1116 [527]	1071 [505]	
3.0 [10.55]	Med HP (Tap 3)	Gas Heat (Tap 5)	1050 CFM/1350 CFM [782/1007 L/s]	10 x 9 Blower 1/2 HP [373 W] 5 Speed X13 Motor	Cont. Fan Dedicated (Tap 1)	CFM [l/s]	821	867	903	920	957	993	1038	1071	
						RPM	239	249	259	262	275	279	290	299	
						Watts	239	249	259	262	275	279	290	299	
						CFM [l/s]	1416 [668]	1379 [651]	1342 [633]	1292 [610]	1275 [602]	1240 [585]	1200 [566]	1168 [551]	
						RPM	874	898	933	952	993	1011	1060	1091	
	Med HP (Tap 3)	Gas Heat (Tap 5)	1050 CFM/1350 CFM [782/1007 L/s]	10 x 9 Blower 1/2 HP [373 W] 5 Speed X13 Motor	Cont. Fan Dedicated (Tap 1)	Watts	285	290	299	304	314	322	328	337	
						CFM [l/s]	1241 [586]	1203 [568]	1155 [545]	1119 [528]	1082 [511]	1032 [487]	994 [469]	950 [448]	
						RPM	771	815	848	886	932	965	1004	1044	
						Watts	155	162	170	182	193	200	210	220	
						CFM [l/s]	1241 [586]	1203 [568]	1155 [545]	1119 [528]	1082 [511]	1032 [487]	994 [469]	950 [448]	

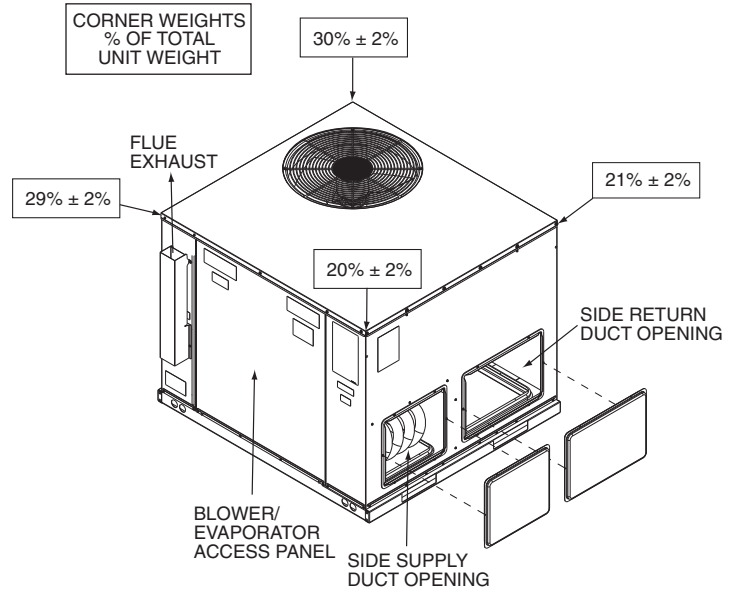
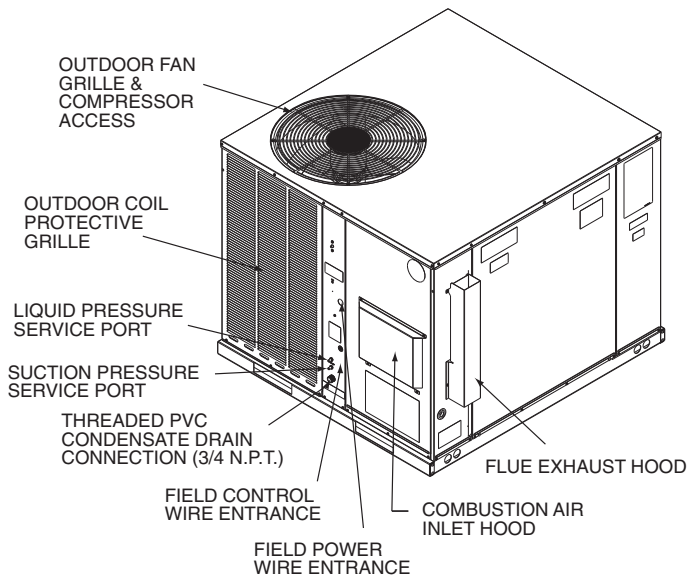
NOTES: *Italic type* indicates airflow outside of manufacturers recommendation. Do not connect wiring to unspecified speed taps.  
Heat Pump speed must be changed to Low to achieve AHRI performance.

[ ] Designates Metric Conversions



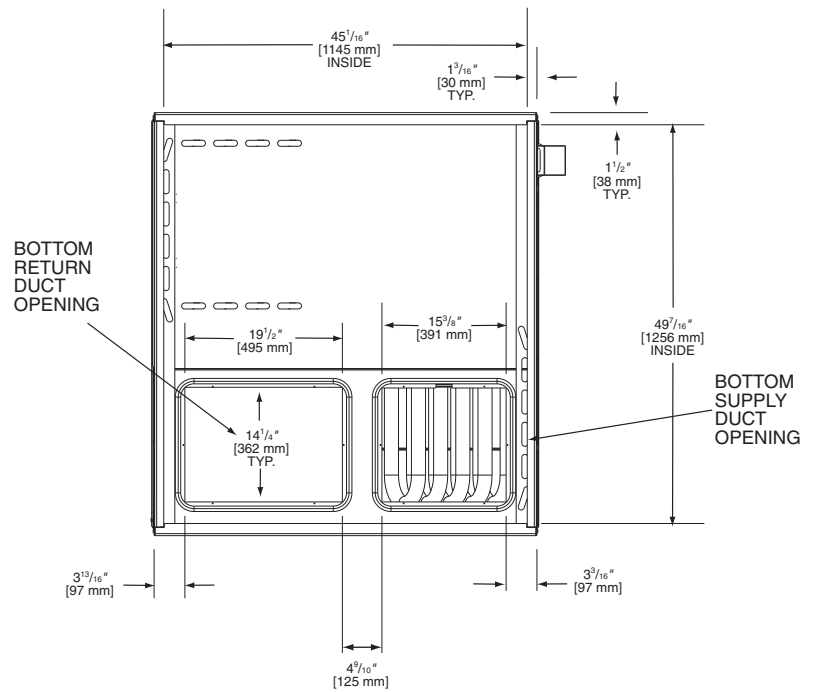
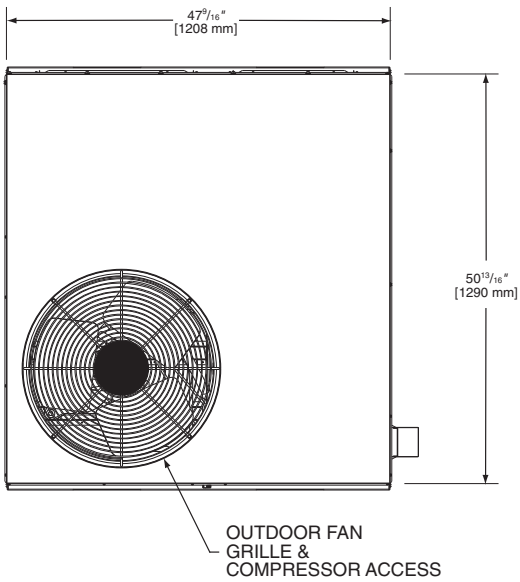
<b>ELECTRICAL DATA – RQPW-</b>							
		<b>B025JK</b>	<b>B030JK</b>	<b>B036CK</b>	<b>B036JK</b>	<b>B042JK</b>	<b>B048JK</b>
<b>Unit Information</b>	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253	187-253
	Volts	208/230	208/230	208/230	208/230	208/230	208/230
	Minimum Circuit Ampacity	21/21	24/24	19/19	27/27	33/33	37/37
	Minimum Overcurrent Protection Device Size	25/25	25/25	20/20	30/30	35/35	40/40
	Maximum Overcurrent Protection Device Size	30/30	35/35	25/25	40/40	50/50	50/50
<b>Compressor Motor</b>	No.	1	1	1	1	1	1
	Volts	208/230	208/230	200/230	208/230	208/230	208/230
	Phase	1	1	3	1	1	1
	HP	3450	3450	3450	3450	3450	3450
	RPM	2	2 1/2	3	3	3 1/2	4
	Amps (RLA)	12.8/12.8	14.1/14.1	10.4/10.4	16.7/16.7	19.9/19.9	23.8/23.8
	Amps (LRA)	58.3/58.3	73/73	88/88	79/79	109/109	117/117
<b>Condenser Motor</b>	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/3
	Amps (FLA)	1.3/1.3	1.3/1.3	1.3/1.3	1.3/1.3	2/2	2/2
	Amps (LRA)	2.2/2.2	2.2/2.2	2.2/2.2	2.2/2.2	3.9/3.9	3.9/3.9
<b>Evaporator Fan</b>	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1
	HP	1/3	1/2	1/2	1/2	3/4	3/4
	Amps (FLA)	2.8/2.8	4.1/4.1	4.1/4.1	4.1/4.1	6/6	6/6
	Amps (LRA)	0/0	0/0	0/0	0/0	0/0	0/0

**RQPW Series**



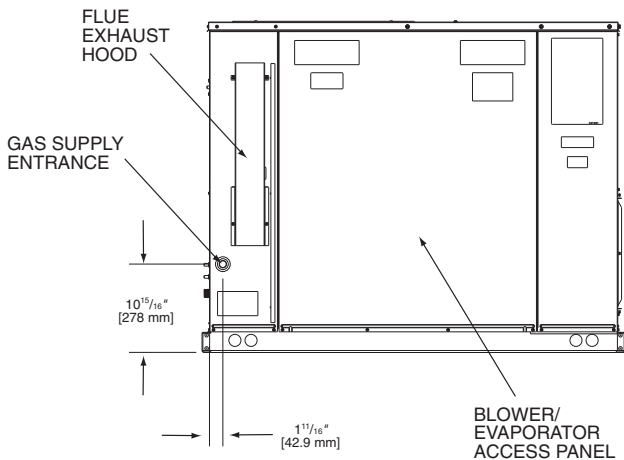
**TOP VIEW**

**BOTTOM VIEW**

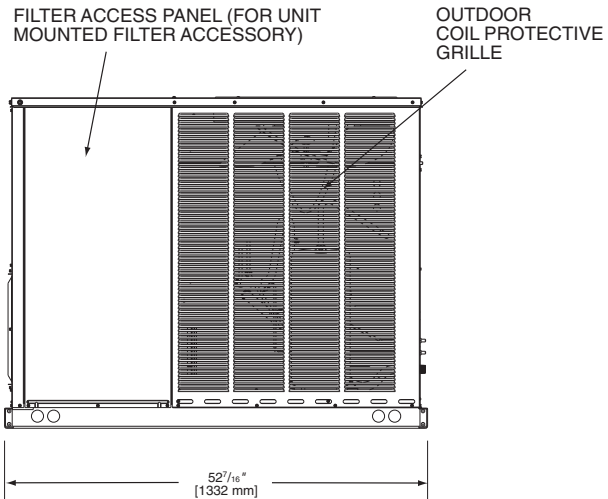


[ ] Designates Metric Conversions

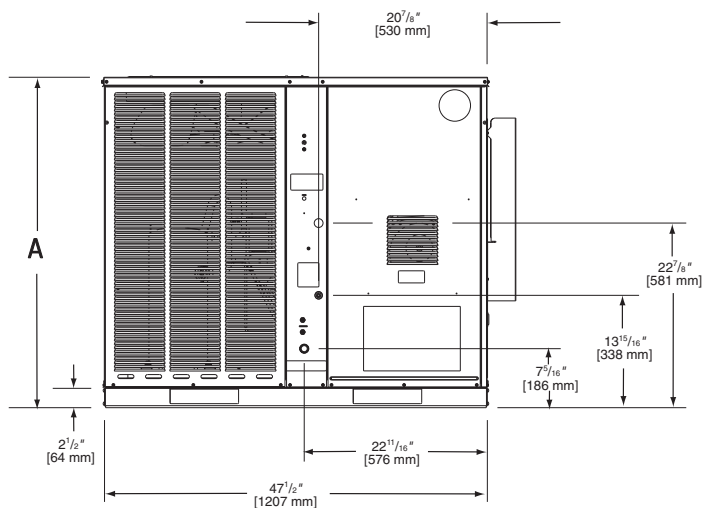
### SIDE VIEW



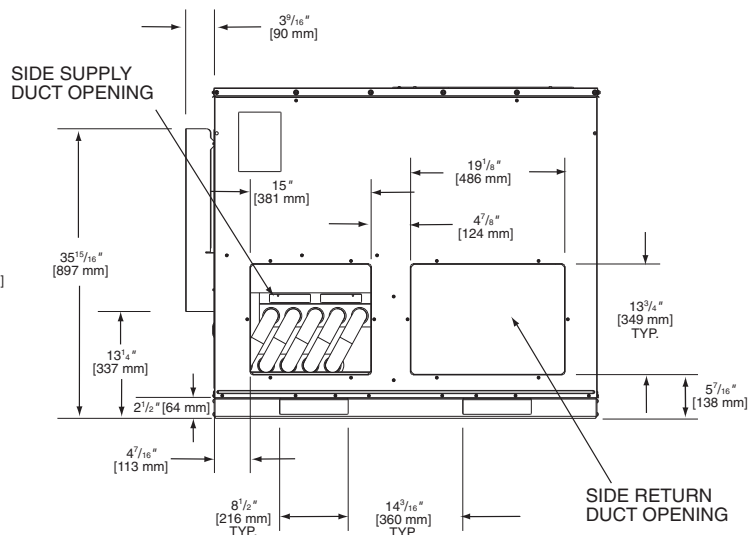
### SIDE VIEW



### FRONT VIEW



### BACK VIEW



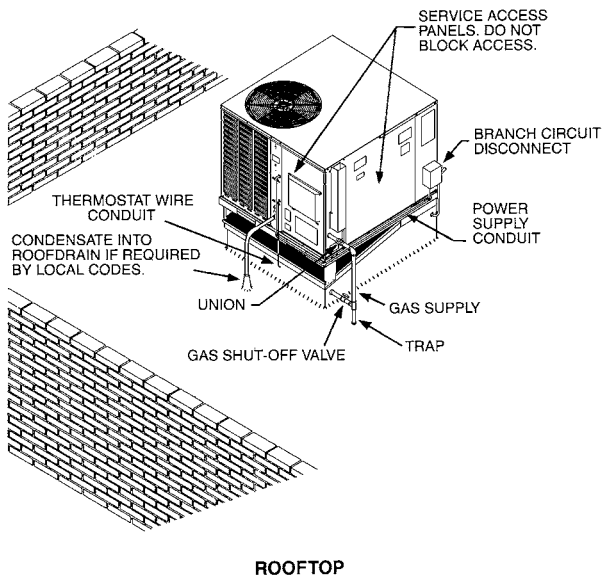
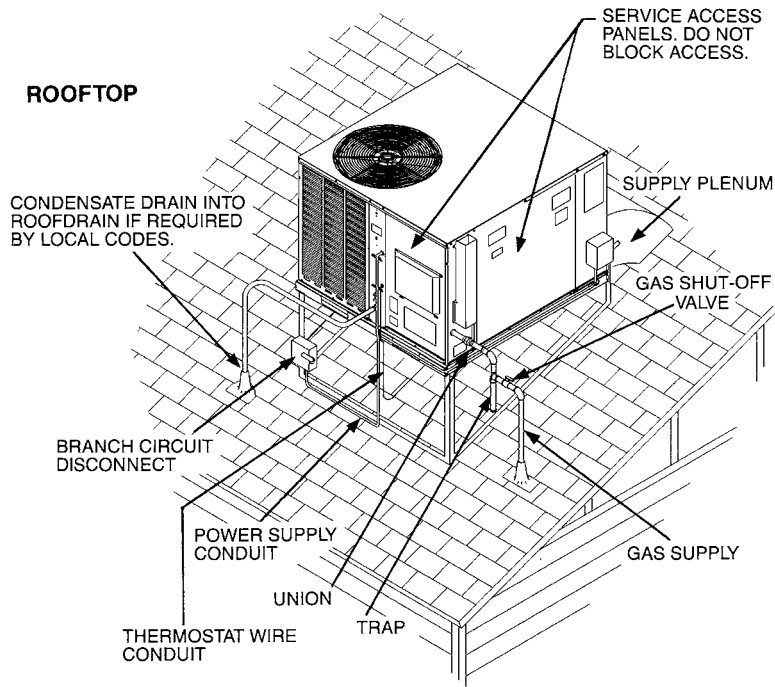
SHOWN WITH DUCT COVERS REMOVED.

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

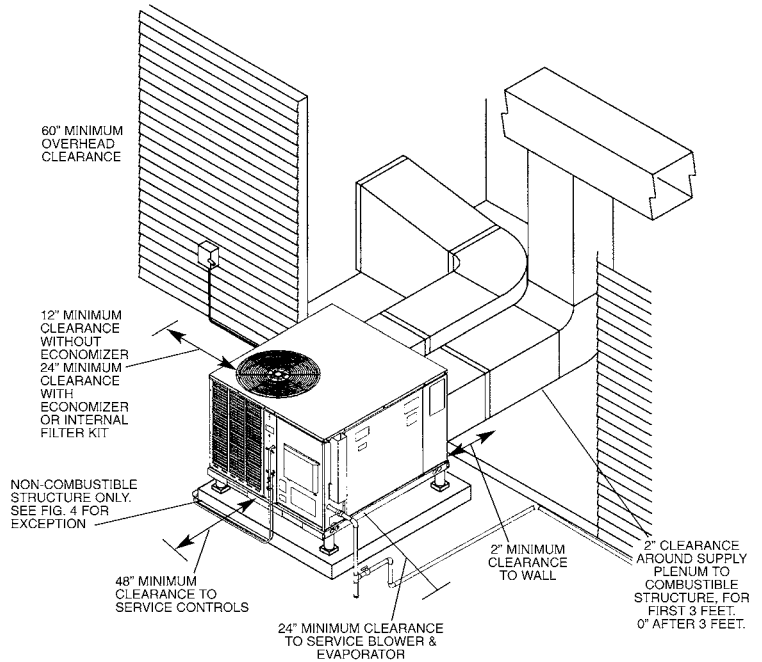
Model #	"A" Height
B025	35 <sup>15</sup> / <sub>16</sub> "
B030, B036 B042, B048	41"

[ ] Designates Metric Conversions

**ROOFTOP**



**ROOFTOP**



## ACCESSORY EQUIPMENT

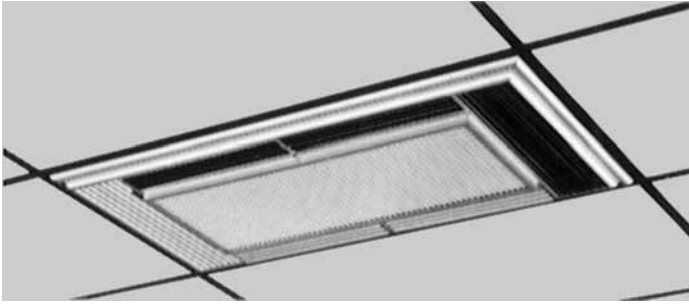
Accessory Description	Model Application	Accessory Model No.
Roofcurbs	RQPW-	RXQG-AAA14 (14" [356 mm] Height) RXQG-AAA24 (24" [610 mm] Height)
Supply & Return Diffusers	RQPW-	RXRN-D15
Economizer with Single Enthalpy ①	RQPW-	AXRD-01RACAM3
Fresh Air Damper	RQPW-	AXRF-FAB1 (Motorized-35%) AXRF-FAA1 (Fixed-35%)
Rectangular to Round Transition (Downflow)	RQPW-	RXMC-CA02 (16" [406 mm] Ducts) RXMC-CA03 (18" [457 mm] Ducts)
Filter Kit	RQPW-	RXRY-01
Low Ambient Control	RQPW-	RXPZ-G01
High Pressure Control	RQPW-	RXAB-D01
Sideflow Rectangular to Round Transition	RQPW-	AXMC-BA01
LP Conversion Kits	RQPW-	RXGJ-EP84W (White-Rodgers Gas Valve) RXGJ-EP85H (Honeywell Gas Valve)
Canadian High Altitude Kit (for Natural Gas only*)	RQPW-	RXRX-AH01
Lift Kit	RQPW-	RXML-A01

\*If a particular unit is to be converted to operate on LP (propane) for elevations above 2000 ft. [609.6 m] in Canada, the existing Natural Gas to LP Conversion Kits for the subject models already contain the necessary orifices and instructions to de-rate the input for 2000-4500 ft. [609.6-1371.6 m] Canadian applications.

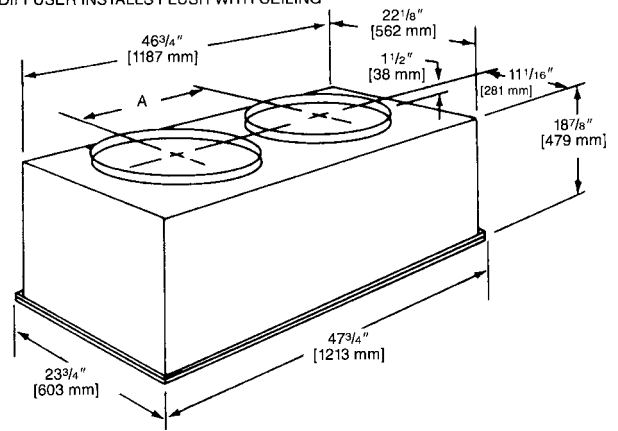
① Economizer is designed for downflow or horizontal applications.

[ ] Designates Metric Conversions

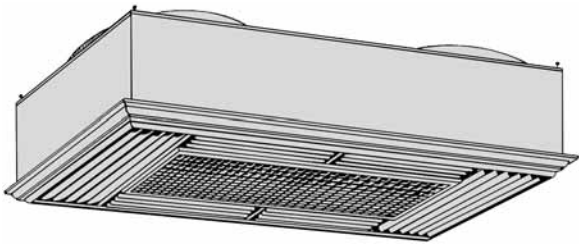
## COMMON SUPPLY/RETURN CONCENTRIC AIR DIFFUSER



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.

**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]

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

## SUPPLY AIR/PERFORMANCE

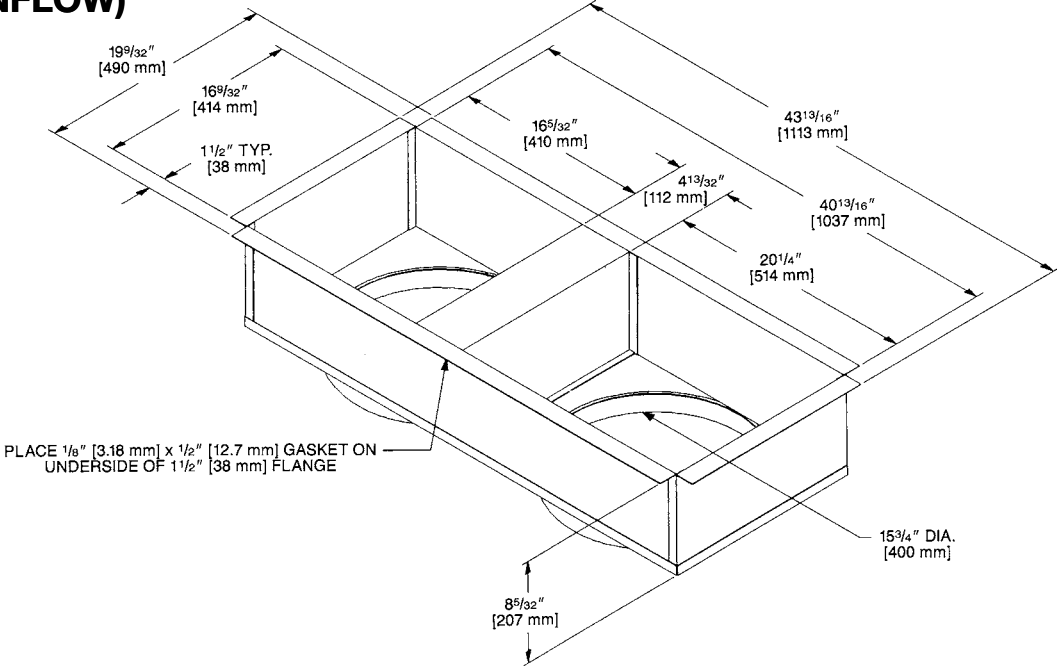
Diffuser Airflow CFM [L/s]	Range of Throw Ft. [m]
800 [378]-1200 [566]	14 [4.27]-16 [4.88]
1600 [755]-2000 [944]	18 [5.49]-28 [8.53]

[ ] Designates Metric Conversions



# DUCT ADAPTERS RECTANGULAR TO ROUND TRANSITIONS (DOWNFLOW)

RXMC-CA02



[ ] Designates Metric Conversions

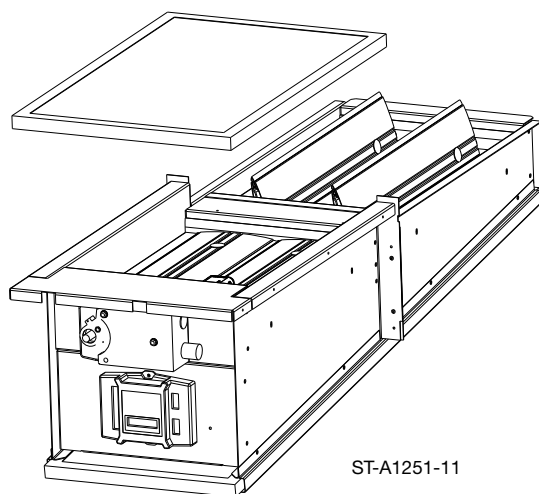
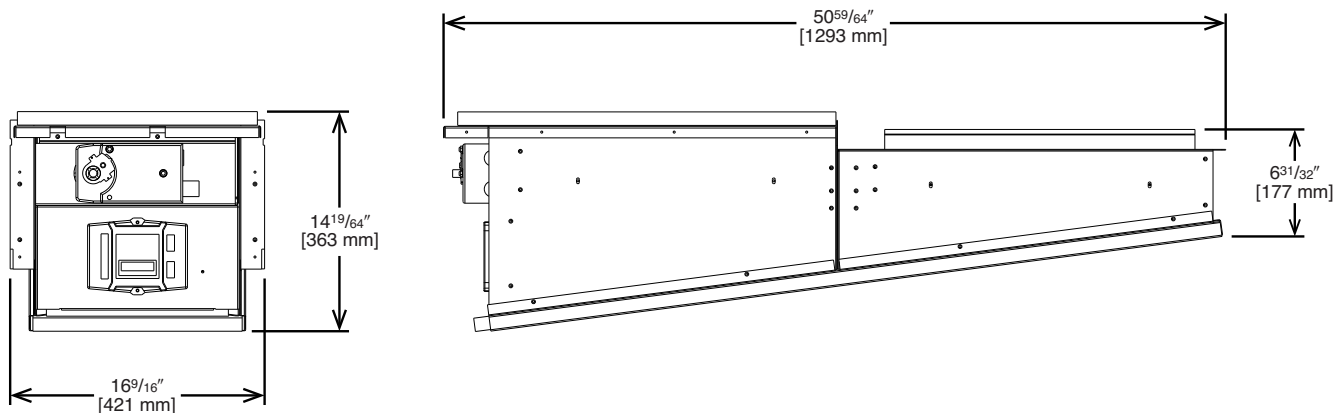
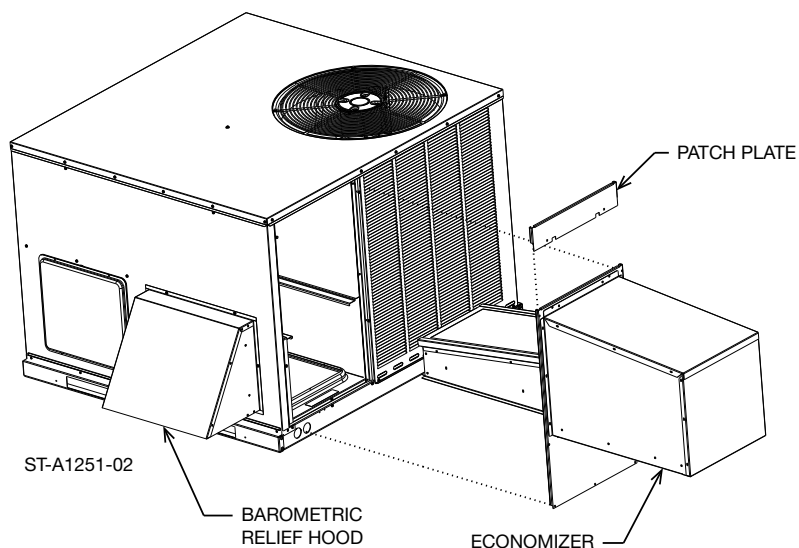


## ECONOMIZERS

### AXRD-01RACAM3 (Fully Modulating)

#### Horizontally and Vertically Applicable

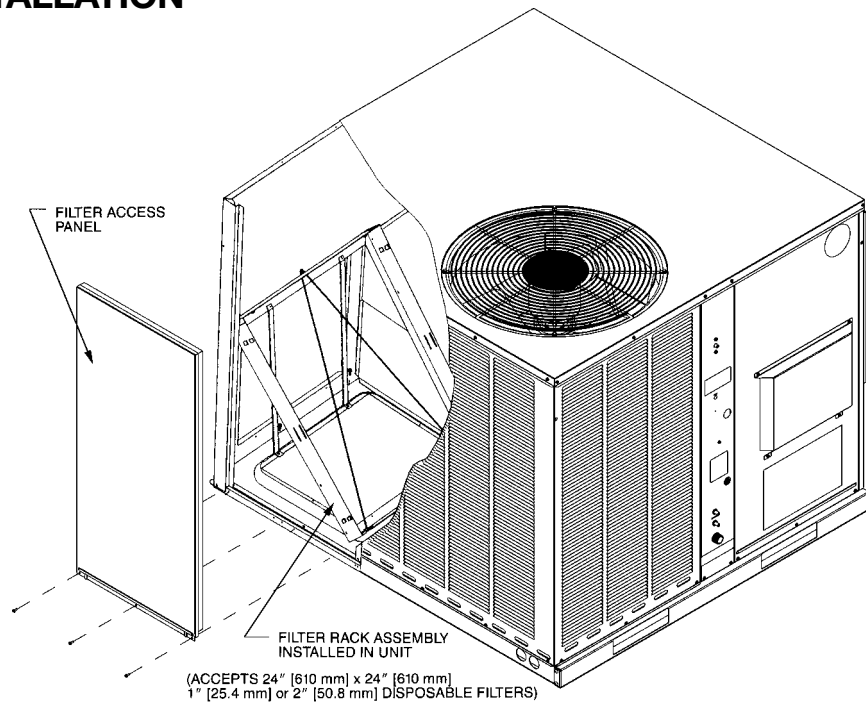
- LCD Screen for Continuous diagnostic and system status
- Programmable set points for accurate positioning
- Simplified wiring and color coded terminals
- Onboard fault detection and diagnostics (FDD)
- Operational Checkout to verify installation
- Enthalpy sensors and actuator that communicate through a Sylk Bus Network with the Jade Controller reducing wiring errors while providing more information
- CO<sub>2</sub> sensor input for DCV (Demand Control Ventilation) applications
- RXXR-AV04 Dual Enthalpy kit available for field installation
- AMCA licensed class 1A low leak Dampers



[ ] Designates Metric Conversions

# FILTER KIT INSTALLATION RXRY-01

For use in either  
vertical or horizontal  
discharge.

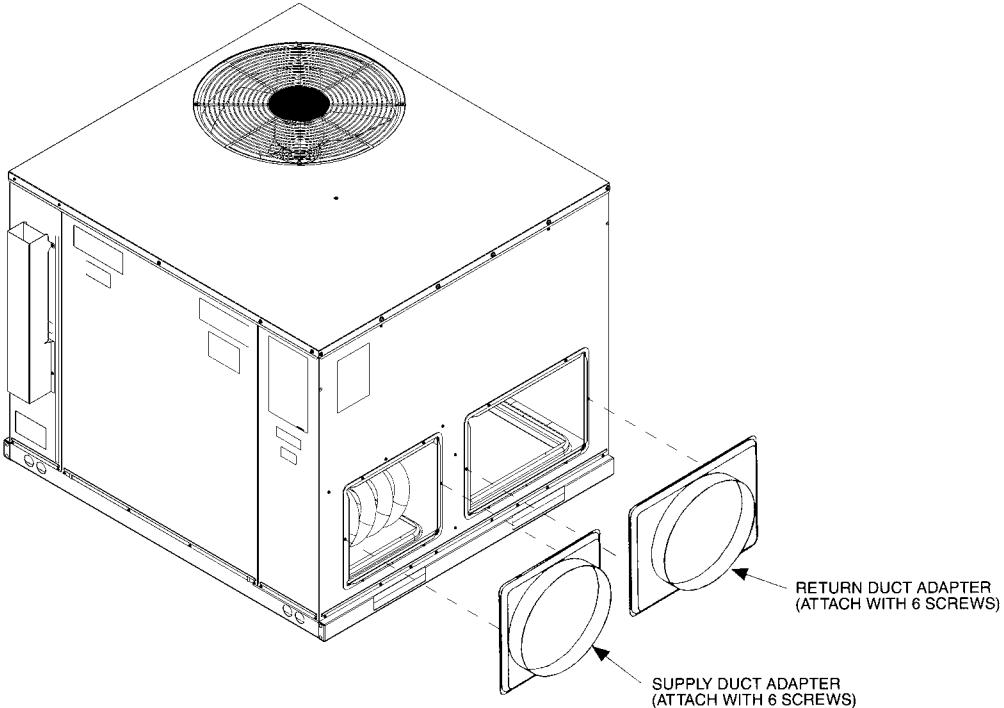


Airflow Pressure Drop, Inches W.C. [kPa]		
CFM [L/s]	1" Filter	2" Filter
500 [236]	.02 [.0050]	.03 [.0075]
600 [283]	.02 [.0050]	.03 [.0075]
700 [330]	.03 [.0075]	.04 [.0010]
800 [378]	.04 [.0010]	.05 [.0124]
900 [425]	.05 [.0124]	.06 [.0149]
1000 [472]	.07 [.0174]	.08 [.0199]
1100 [519]	.08 [.0199]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

[ ] 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.

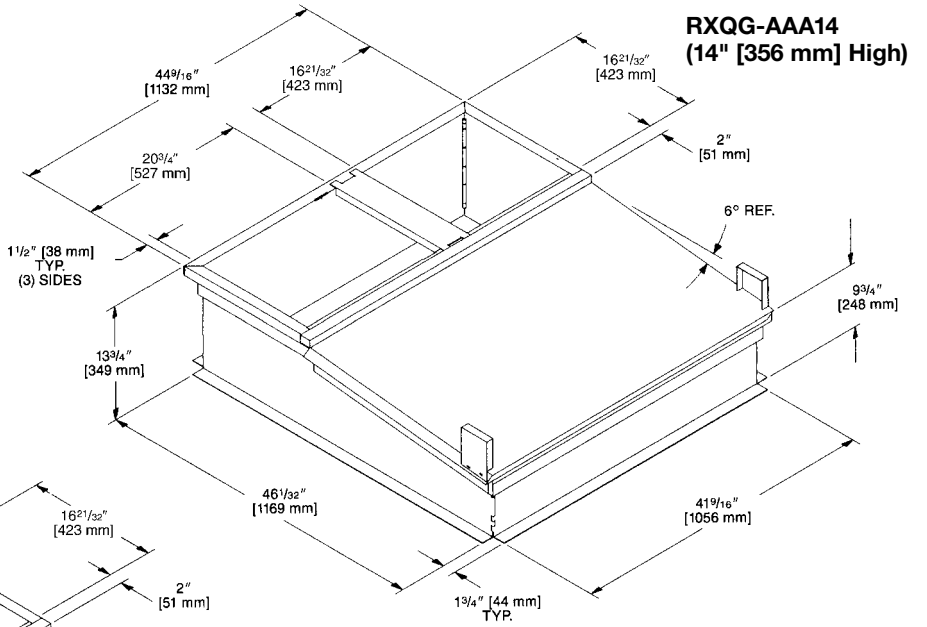


[ ] Designates Metric Conversions

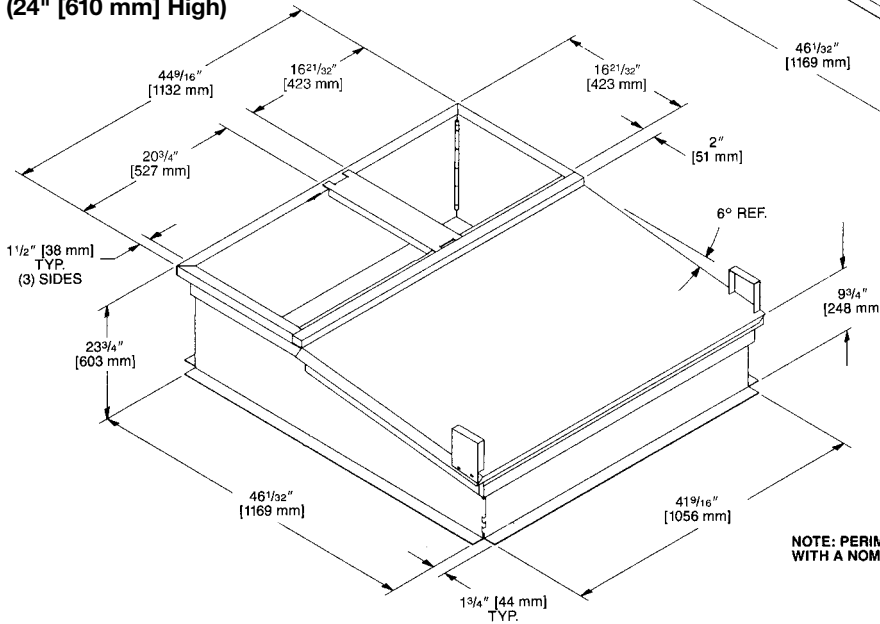
## Roofcurb (Sloped) RXQG-AAA14 & RXQG-AAA24 for RQPW-

Dual fuel models must  
use sloped curbs.

Hinged corners make  
for fast, easy set-up.

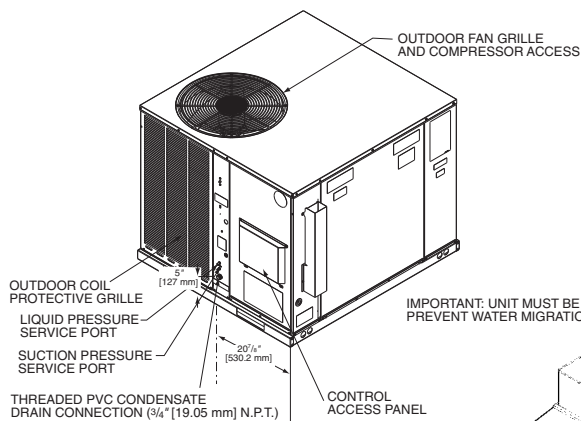


## RXQG-AAA24 (24" [610 mm] High)

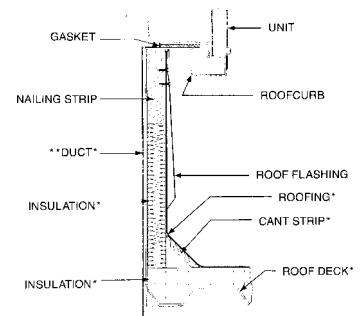
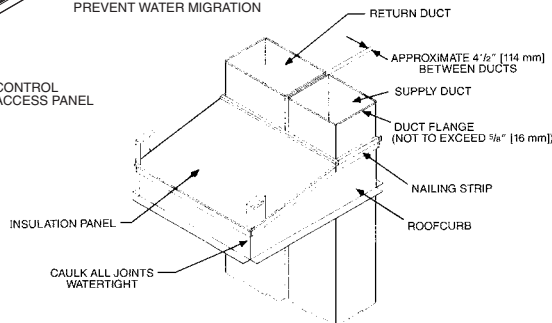


NOTE: PERIMETER OF ROOFCURB IS SUPPLIED WITH A NOMINAL 1" [25.4 mm] x 4" [102 mm] PINE NAILING STRIP.

## PACKAGE DUAL FUEL ROOFCURB INSTALLATION (SLOPED)



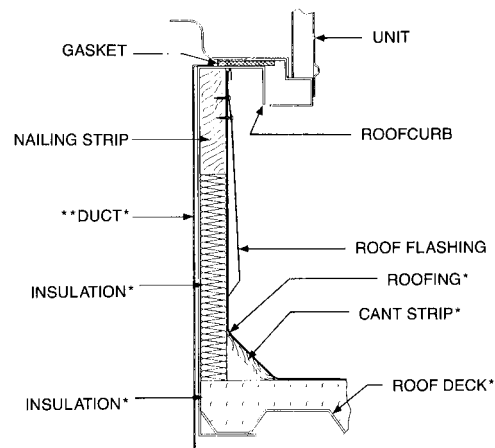
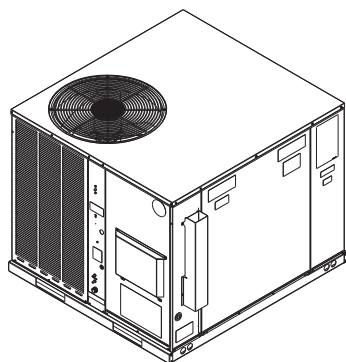
IMPORTANT: UNIT MUST BE LEVEL TO PREVENT WATER MIGRATION



\* 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

# PACKAGE DUAL FUEL PACKAGE ROOFCURB INSTALLATION (Full Perimeter)



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

## ROOFCURB ADAPTERS

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

### OLD MODEL

#### SMALL CABINET

(1½-2 TON) [5.28-7.03 kW]  
RSNC-, RSND-, RSNE-  
RRGE-, RRGF-, RRGG-, RSNY  
RPNC-, RPND-



### OLD CURB MODEL

RXPA-CA20 (1)

### NEW MODEL TO OLD MODEL ROOFCURB ADAPTER

RXPX-BACCA20  
RXPX-BACCA21  
RXPX-BCCCA22  
RXPX-BCCCA23

### NEW MODEL PACKAGE

ONLY 1 CABINET SIZE—  
ALL MODELS

RQPW

#### MEDIUM CABINET

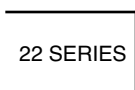
(2½-3 TON) [8.79-10.55 kW]  
RSNC-, RSND-, RSNE-  
RRGE-, RRGF-, RRGG-, RSNY  
RPNC-, RPND-



RXPA-CA21 (1)

#### LARGE CABINET

(3-3½ TON) [10.55-12.31 kW]  
RRGE-, RRGF-, RRGG-, RSNY



RXPA-CA22 (1)

#### EXTRA LARGE CABINET

(3½-5 TON) [12.31-17.6 kW]  
RSNC-, RSND-, RSNE-  
RRGE-, RRGF-, RRGG-, RSNY  
RPNC-, RPND-  
(4-5 TON) [14.07-17.58 kW]



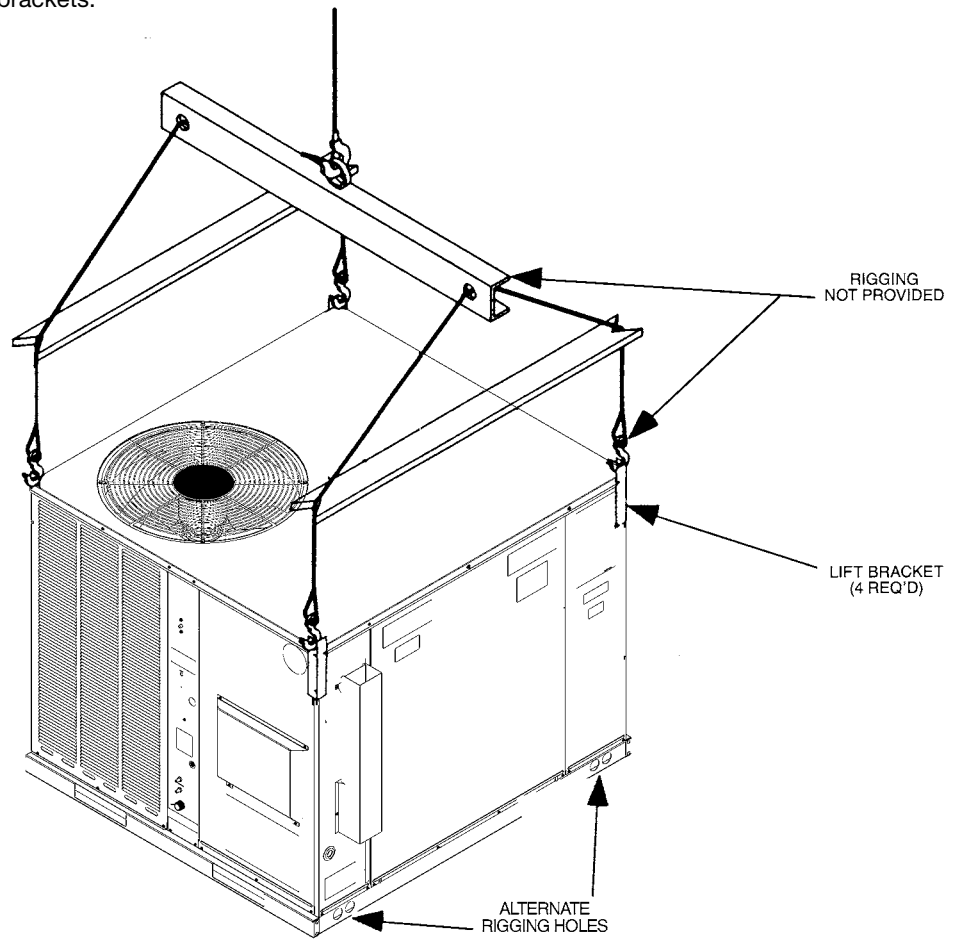
RXPA-CA23 (1)

(1) SLOPE TYPE

[ ] Designates Metric Conversions

## LIFT KIT—MODEL NO. RXML-A01

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





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

**GENERAL TERMS OF LIMITED WARRANTY\***

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

**Conditional Parts (Registration Required)**

- 1 Phase, Residential Applications .....Ten (10) Years
- Compressor**  
1 Phase, Residential Applications.....Ten (10) Years
- Stainless Steel Heat Exchanger**  
1 Phase, Residential Application .....Limited Lifetime





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

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