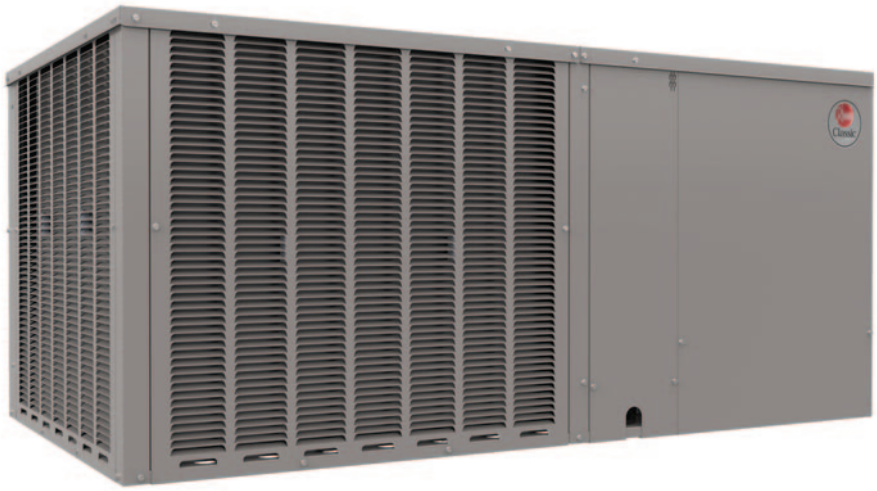
engineered for life™

Endeavor® Line *Classic*® Series iR Residential Packaged Dedicated Heat Pumps



RHPBYB Series

Nominal Sizes: 2 to 5 Tons [7.0 to 17.6 kW]
Cooling Efficiency: 13.4 SEER2
Heating Efficiency: 6.7 HSPF2
Refrigerant Type: R-454B

ISO 9001:2015

c UL us LISTED

AHRI CERTIFIED™ www.ahridirectory.org
Unitary Small HP
AHRI Standard 210/240

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FEATURES AND BENEFITS

- **Scroll Compressors on all models:** Provides maximum efficiency and quiet operation
- **Two Thermal Expansion Valves:** One for cooling, one for heating and are standard on all models for precise superheat control, reliability, and energy efficiency at all operating conditions
- **High and Low Pressure Controls:** Standard on all models for refrigerant component protection and reliability
- **Filter Drier:** Standard on all models
- **100% Factory Run Tested**
- **Tinned Indoor Coil:** Available as factory-installed option for better formicary corrosion resistance
- **PlusOne® Refrigerant Detection System™:** An integrated one-box, patented design featuring the A2L sensor and mitigation board, offering easier commissioning with a single component and simplified wiring configuration, compatibility with any 24V thermostat application and system protection by automatically pausing outdoor unit operation – if excess refrigerant is detected
- **Metal Base Rails:** Allow for separation between the unit base and the ground level, protecting the base from ground moisture and providing air circulation around the unit. It also allows for easier maneuverability during installation. To provide flexibility in space limited installations, the unit can be installed flush to the structure without blocking airflow over the outdoor coil or making any screws inaccessible for maintenance
- **Two Round 14" Duct Collars:** Included with each unit. The collar is crimped around the leading edge, making it easier to install duct onto the collar. A metal bead around the circumference prevents the attached ducting form sliding off after installation
- **Easy High and Low Refrigerant Pressure Measurement:** Two gauge ports located inside the control box allow for ease and accuracy
- **Removable Sloped Drain Pan:** Accessible through a small side panel. Helps to ensure indoor air quality (IAQ) throughout the life of the unit
- **Closed-Cell Insulation:** Used on the base of the unit, to prevent moisture from being absorbed and helps reduce mold content
- **Louvered Condenser Compartment:** Protects the coil against yard hazards and/or weather extremes
- **Easy Accessible Controls:**
  - — Located in a large control box providing plenty of space for troubleshooting
  - — Demand defrost control is used to manage the defrost cycle
  - — Transformer is protected by an in-line fuse, which protects the transformer during a low-voltage electrical short
  - — Low-voltage and high-voltage wiring connections are easily accessed and have ample room to maneuver
  - — Number and color-coded wiring aids in troubleshooting and corresponds with the large, easy-to-read wiring diagram located on the inside of the control box access panel
- **Easily Removable Outdoor and Indoor Section Top Cover:** Allows access to the compressor, refrigerant tubing, blower housing and motors for easy required cleaning and service
- **Factory and Field Installed Supplemental Electric Heat Strips:** Available for periods of extreme cold temperatures with either dual or single-point power

Heat Pumps

R	HP	B	Y	B	024	A	J	T	00	0	N	A
Brand	**Product Category**	**Platform**	**Refrigerant**	**Tier**	**Capacity BTU/HR**	**Major Series**	**Voltage**	**Drive**	**Electric Heat**	**Electric Heat Configuration**	**Control**	**Minor Series**
R - Rheem	HP - Heat Pump	B - ResiPack Dedicated Horizontal	Y - R-454B	B - Base Tier (13.4 SEER2)	024 - 24K BTUH [7.03 kW] 030 - 30K BTUH [8.79 kW] 036 - 36K BTUH [10.55 kW] 042 - 42K BTUH [12.31 kW] 048 - 48K BTUH [14.07 kW] 060 - 60K BTUH [17.58 kW]	A - 1st Design Series	J - 1ph, 208/230/60 C - 3ph, 208/230/60	T - Constant Torque	00 - No Electric Heat 10 - 10 kW Electric Heat 15 - 15 kW Electric Heat 20 - 20 kW Electric Heat	0 - No Electric Heat 1 - Electric Heat Factory Installed	N - Non-Comm.	A - 1st Design

[ ] Designates Metric Conversions

Available Models
RHPBYB024AJT000NA
RHPBYB024AJT101NA
RHPBYB030ACT000NA
RHPBYB030ACT101NA
RHPBYB030AJT000NA
RHPBYB030AJT101NA
RHPBYB036ACT000NA
RHPBYB036ACT101NA
RHPBYB036AJT000NA
RHPBYB036AJT101NA
RHPBYB042ACT000NA
RHPBYB042ACT151NA
RHPBYB042AJT000NA
RHPBYB042AJT151NA
RHPBYB048ACT000NA
RHPBYB048ACT151NA
RHPBYB048AJT000NA
RHPBYB048AJT151NA
RHPBYB060ACT000NA
RHPBYB060ACT201NA
RHPBYB060AJT000NA
RHPBYB060AJT201NA

NOTE: Further heater kits available to purchase for field installation.
Tinned evaporator coil options (AUA) also available.

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

Model RHPBYB Series	024AJT	030ACT	030AJT	036ACT
Cooling Performance[1]				CONTINUED →
Nominal Cooling Capacity Btu/h [kW]	24,000 [7.03]	30,000 [8.79]	30,000 [8.79]	36,000 [10.55]
EER2/SEER2[2]	10.6/13.4	10.6/13.4	10.6/13.4	10.6/13.4
Nominal CFM/AHRI Rated CFM [L/s]	800/800 [378/378]	1061/1000 [501/472]	1061/1000 [501/472]	1336/1200 [631/566]
AHRI Net Cooling Capacity Btu/h [kW]	22,800 [6.68]	28,600 [8.38]	28,600 [8.38]	34,200 [10.02]
Net Sensible Capacity Btu/h [kW]	18,240 [5.29]	22,880 [6.64]	22,880 [6.64]	27,360 [7.93]
Net Latent Capacity Btu/h [kW]	4,560 [1.32]	5,720 [1.66]	5,720 [1.66]	6,840 [1.98]
Net System Power kW	2.15	2.70	2.70	3.23
Heating Performance (Heat Pumps)[3]				
High Temp. Btu/h [kW] Rating	22,600 [6.62]	28,200 [8.26]	28,200 [8.26]	34,000 [9.96]
High Temp. System Power COP	3.58	3.68	3.68	3.58
Low Temp. Btu/h [kW] Rating	12,700 [3.72]	16,300 [4.78]	16,300 [4.78]	18,500 [5.42]
Low Temp. System Power COP	2.36	2.30	2.30	2.08
HSPF2 (Btu/h/Watts-hr)	6.7	6.7	6.7	6.7
Compressor				
No./Stg/Type	1/1/Scroll	1/1/Scroll	1/1/Scroll	1/1/Scroll
Outdoor Sound Rating (dB)[4]	82	82	82	76
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Rifled: Tube Size OD or MicroChannel: Depth in. [mm]	0.375 [9.53]	0.375 [9.53]	0.375 [9.53]	0.375 [9.53]
Face Area sq. ft. [sq. m]	12.65 [1.18]	10.44 [0.97]	10.44 [0.97]	16.54 [1.54]
Rows / FPI [FPcm]	1 / 20 [8]	2 / 16 [6]	2 / 16 [6]	1 / 22 [9]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Rifled: Tube Size OD or MicroChannel: Depth in. [mm]	0.375 [9.53]	0.375 [9.53]	0.375 [9.53]	0.375 [9.53]
Face Area sq. ft. [sq. m]	4.3 [0.40]	4.3 [0.40]	4.3 [0.40]	5.8 [0.54]
Rows / FPI [FPcm]	2 / 15 [6]	3 / 13 [5]	3 / 13 [5]	2 / 15 [6]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1 / 0.750 [19.05]	1 / 0.750 [19.05]	1 / 0.750 [19.05]	1 / 1.000 [25.40]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24.0 [609.6]	1/24.0 [609.6]	1/24.0 [609.6]	1/24.0 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3400 [1605]	3000 [1416]	3000 [1416]	3400 [1605]
No. Motors/HP	1 at 1/3	1 at 1/3	1 at 1/3	1 at 1/3
Motor RPM	825	825	825	825
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/10x9 [254x229]	1/10x9 [254x229]	1/10x9 [254x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple Speed	Multiple Speed	Multiple Speed	Multiple Speed
No. Motors	1	1	1	1
Motor HP	1/2	1/2	1/2	3/4
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type				
Furnished	No	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1) 1x20x20 [25x508x508]	(1) 1x20x20 [25x508x508]	(1) 1x20x20 [25x508x508]	(1) 1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]	86.5 [2452]	153.0 [4337]	153.0 [4337]	121.1 [3433]
Weights				
Net Weight lbs. [kg]	302 [137]	329 [149]	329 [149]	350 [159]
Ship Weight lbs. [kg]	327 [148]	354 [161]	354 [161]	375 [170]

See Page 8 for Notes.

[ ] Designates Metric Conversions

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

Model RHPBYB Series	036AJT	042ACT	042AJT	048ACT
Cooling Performance[1]				CONTINUED →
Nominal Cooling Capacity Btu/h [kW]	36,000 [10.55]	42,000 [12.31]	42,000 [12.31]	48,000 [14.06]
EER2/SEER2[2]	10.6/13.4	10.6/13.4	10.6/13.4	10.6/13.4
Nominal CFM/AHRI Rated CFM [L/s]	1336/1200 [631/566]	1483/1400 [700/661]	1483/1400 [700/661]	1604/1600 [757/755]
AHRI Net Cooling Capacity Btu/h [kW]	34,200 [10.02]	40,000 [11.72]	40,000 [11.72]	46,000 [13.48]
Net Sensible Capacity Btu/h [kW]	27,360 [7.93]	32,000 [9.28]	32,000 [9.28]	36,800 [10.67]
Net Latent Capacity Btu/h [kW]	6,840 [1.98]	8,000 [2.32]	8,000 [2.32]	9,200 [2.67]
Net System Power kW	3.23	3.77	3.77	4.34
Heating Performance (Heat Pumps)[3]				
High Temp. Btu/h [kW] Rating	34,000 [9.96]	40,000 [11.72]	40,000 [11.72]	45,500 [13.33]
High Temp. System Power COP	3.58	3.46	3.46	3.46
Low Temp. Btu/h [kW] Rating	18,500 [5.42]	22,600 [6.62]	22,600 [6.62]	26,200 [7.68]
Low Temp. System Power COP	2.08	2.12	2.12	2.32
HSPF2 (Btu/h/Watts-hr)	6.7	6.7	6.7	6.7
Compressor				
No./Stg/Type	1/1/Scroll	1/1/Scroll	1/1/Scroll	1/1/Scroll
Outdoor Sound Rating (dB)[4]	76	88	88	88
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Rifled: Tube Size OD or MicroChannel: Depth in. [mm]	0.375 [9.53]	0.375 [9.53]	0.375 [9.53]	0.375 [9.53]
Face Area sq. ft. [sq. m]	16.54 [1.54]	13.65 [1.27]	13.65 [1.27]	13.65 [1.27]
Rows / FPI [FPcm]	1 / 22 [9]	2 / 18 [7]	2 / 18 [7]	2 / 18 [7]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Rifled: Tube Size OD or MicroChannel: Depth in. [mm]	0.375 [9.53]	0.375 [9.53]	0.375 [9.53]	0.375 [9.53]
Face Area sq. ft. [sq. m]	5.8 [0.54]	5.8 [0.54]	5.8 [0.54]	5.8 [0.54]
Rows / FPI [FPcm]	2 / 15 [6]	3 / 13 [5]	3 / 13 [5]	3 / 13 [5]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1 / 1.000 [25.40]	1 / 1.000 [25.40]	1 / 1.000 [25.40]	1 / 1.000 [25.40]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24.0 [609.6]	1/24.0 [609.6]	1/24.0 [609.6]	1/24.0 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	3400 [1605]	4100 [1935]	4100 [1935]	4100 [1935]
No. Motors/HP	1 at 1/3	1 at 1/2	1 at 1/2	1 at 1/2
Motor RPM	825	1075	1075	1075
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple Speed	Multiple Speed	Multiple Speed	Multiple Speed
No. Motors	1	1	1	1
Motor HP	3/4	3/4	3/4	3/4
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type				
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]
Refrigerant Charge Oz. [g]	121.1 [3433]	169.6 [4808]	169.6 [4808]	156.5 [4437]
Weights				
Net Weight lbs. [kg]	350 [159]	400 [181]	400 [181]	397 [180]
Ship Weight lbs. [kg]	375 [170]	425 [193]	425 [193]	422 [191]

See Page 8 for Notes.

[ ] Designates Metric Conversions

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

Model RHPBYB Series	048ACT	048AJT	060ACT	060AJT
Cooling Performance[1]				
Nominal Cooling Capacity Btu/h [kW]	48,000 [14.06]	48,000 [14.06]	60,000 [17.58]	60,000 [17.58]
EER2/SEER2[2]	10.6/13.4	10.6/13.4	10.6/13.4	10.6/13.4
Nominal CFM/AHRI Rated CFM [L/s]	1604/1600 [757/755]	1604/1600 [757/755]	1906/1900 [900/897]	1906/1900 [900/897]
AHRI Net Cooling Capacity Btu/h [kW]	46,000 [13.48]	46,000 [13.48]	57,000 [16.7]	57,000 [16.7]
Net Sensible Capacity Btu/h [kW]	36,800 [10.67]	36,800 [10.67]	45,600 [13.22]	45,600 [13.22]
Net Latent Capacity Btu/h [kW]	9,200 [2.67]	9,200 [2.67]	11,400 [3.31]	11,400 [3.31]
Net System Power kW	4.34	4.34	5.38	5.38
Heating Performance (Heat Pumps)[3]				
High Temp. Btu/h [kW] Rating	45,500 [13.33]	45,500 [13.33]	56,500 [16.55]	56,500 [16.55]
High Temp. System Power COP	3.46	3.46	3.40	3.40
Low Temp. Btu/h [kW] Rating	26,200 [7.68]	26,200 [7.68]	31,400 [9.20]	31,400 [9.20]
Low Temp. System Power COP	2.32	2.32	2.14	2.14
HSPF2 (Btu/h/Watts-hr)	6.7	6.7	6.7	6.7
Compressor				
No./Stg/Type	1/1/Scroll	1/1/Scroll	1/1/Scroll	1/1/Scroll
Outdoor Sound Rating (dB)[4]	88	88	81	81
Outdoor Coil—Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Rifled: Tube Size OD or MicroChannel: Depth in. [mm]	0.375 [9.53]	0.375 [9.53]	0.375 [9.53]	0.375 [9.53]
Face Area sq. ft. [sq. m]	13.65 [1.27]	13.65 [1.27]	16.54 [1.54]	16.54 [1.54]
Rows / FPI [FPcm]	2 / 18 [7]	2 / 18 [7]	2 / 18 [7]	2 / 18 [7]
Indoor Coil - Fin Type	Louvered	Louvered	Louvered	Louvered
Tube Type	Rifled	Rifled	Rifled	Rifled
Rifled: Tube Size OD or MicroChannel: Depth in. [mm]	0.375 [9.53]	0.375 [9.53]	0.375 [9.53]	0.375 [9.53]
Face Area sq. ft. [sq. m]	5.8 [0.54]	5.8 [0.54]	5.8 [0.54]	5.8 [0.54]
Rows / FPI [FPcm]	3 / 13 [5]	3 / 13 [5]	4 / 13 [5]	4 / 13 [5]
Refrigerant Control	TX Valves	TX Valves	TX Valves	TX Valves
Drain Connection No./Size in. [mm]	1 / 1.000 [25.40]	1 / 1.000 [25.40]	1 / 1.000 [25.40]	1 / 1.000 [25.40]
Outdoor Fan - Type	Propeller	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	1/24.0 [609.6]	1/24.0 [609.6]	1/24.0 [609.6]	1/24.0 [609.6]
Drive Type/No. Speeds	Direct/1	Direct/1	Direct/1	Direct/1
CFM [L/s]	4100 [1935]	4100 [1935]	4500 [2124]	4500 [2124]
No. Motors/HP	1 at 1/2	1 at 1/2	1 at 1/2	1 at 1/2
Motor RPM	1075	1075	1075	1075
Indoor Fan - Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]	1/12x9 [305x229]
Drive Type	Direct	Direct	Direct	Direct
No. Speeds	Multiple Speed	Multiple Speed	Multiple Speed	Multiple Speed
No. Motors	1	1	1	1
Motor HP	3/4	3/4	1	1
Motor RPM	1050	1050	1050	1050
Motor Frame Size	48	48	48	48
Filter - Type				
Furnished	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]
Refrigerant Charge Oz. [g]	156.5 [4437]	156.5 [4437]	179 [5074.6]	179 [5074.6]
Weights				
Net Weight lbs. [kg]	397 [180]	397 [180]	429 [195]	429 [195]
Ship Weight lbs. [kg]	422 [191]	422 [191]	454 [206]	454 [206]

See Page 8 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 ±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. EER2 and/or SEER2 are rated at AHRI conditions and in accordance with DOE test procedures.
3. HSPF2 is rated at AHRI conditions and in accordance with DOE test procedures.
4. Outdoor Sound Rating shown is tested in accordance with AHRI Standard 270.

GROSS SYSTEMS COOLING PERFORMANCE DATA—RHPBYB024

RHPBYB024 - 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]			950 [448]	800 [378]	725 [342]	950 [448]	800 [378]	725 [342]	950 [448]	800 [378]	725 [342]
DR ①			.05	.09	.12	.05	.09	.12	.05	.09	.12
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total kBtu/h [kW]	29.9 [8.8]	28.9 [8.5]	28.5 [8.4]	28.5 [8.4]	27.6 [8.1]	27.1 [7.9]	27.2 [8.0]	26.3 [7.7]	25.8 [7.6]
		Sens kBtu/h [kW]	18.1 [5.3]	16.6 [4.9]	15.9 [4.7]	22.7 [6.7]	20.9 [6.1]	19.9 [5.8]	27.2 [8.0]	25.1 [7.4]	24.0 [7.0]
		Power	1.7	1.7	1.6	1.7	1.7	1.6	1.7	1.7	1.6
	80 [26.7]	Total kBtu/h [kW]	29.3 [8.6]	28.3 [8.3]	27.8 [8.1]	27.9 [8.2]	27.0 [7.9]	26.5 [7.8]	26.5 [7.8]	25.6 [7.5]	25.2 [7.4]
		Sens kBtu/h [kW]	18.0 [5.3]	16.5 [4.8]	15.8 [4.6]	22.5 [6.6]	20.7 [6.1]	19.8 [5.8]	26.5 [7.8]	24.9 [7.3]	23.9 [7.0]
		Power	1.8	1.8	1.7	1.8	1.8	1.8	1.8	1.8	1.7
	85 [29.4]	Total kBtu/h [kW]	28.6 [8.4]	27.7 [8.1]	27.2 [8.0]	27.3 [8.0]	26.4 [7.7]	25.9 [7.6]	25.9 [7.6]	25.0 [7.3]	24.6 [7.2]
		Sens kBtu/h [kW]	17.8 [5.2]	16.4 [4.8]	15.7 [4.6]	22.4 [6.6]	20.6 [6.0]	19.7 [5.8]	25.9 [7.6]	24.8 [7.3]	23.7 [6.9]
		Power	1.9	1.9	1.8	1.9	1.9	1.9	1.9	1.9	1.8
	90 [32.2]	Total kBtu/h [kW]	28.0 [8.2]	27.1 [7.9]	26.6 [7.8]	26.6 [7.8]	25.7 [7.5]	25.3 [7.4]	25.2 [7.4]	24.4 [7.2]	24.0 [7.0]
		Sens kBtu/h [kW]	17.7 [5.2]	16.3 [4.8]	15.6 [4.6]	22.3 [6.5]	20.5 [6.0]	19.6 [5.7]	25.2 [7.4]	24.4 [7.2]	23.6 [6.9]
		Power	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	1.9
	95 [35]	Total kBtu/h [kW]	27.3 [8.0]	26.4 [7.7]	26.0 [7.6]	26.0 [7.6]	25.1 [7.4]	24.7 [7.2]	24.6 [7.2]	23.8 [7.0]	23.4 [6.9]
		Sens kBtu/h [kW]	17.5 [5.1]	16.1 [4.7]	15.4 [4.5]	22.1 [6.5]	20.3 [5.9]	19.5 [5.7]	24.6 [7.2]	23.8 [7.0]	23.4 [6.9]
		Power	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0
	100 [37.8]	Total kBtu/h [kW]	26.7 [7.8]	25.8 [7.6]	25.4 [7.4]	25.3 [7.4]	24.5 [7.2]	24.1 [7.1]	23.9 [7.0]	23.1 [6.8]	22.7 [6.7]
		Sens kBtu/h [kW]	17.4 [5.1]	16.0 [4.7]	15.3 [4.5]	22.0 [6.4]	20.2 [5.9]	19.3 [5.7]	23.9 [7.0]	23.1 [6.8]	22.7 [6.7]
		Power	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	105 [40.6]	Total kBtu/h [kW]	26.0 [7.6]	25.2 [7.4]	24.8 [7.3]	24.7 [7.2]	23.8 [7.0]	23.4 [6.9]	23.3 [6.8]	22.5 [6.6]	22.1 [6.5]
		Sens kBtu/h [kW]	17.3 [5.1]	15.9 [4.7]	15.2 [4.5]	21.9 [6.4]	20.1 [5.9]	19.2 [5.6]	23.3 [6.8]	22.5 [6.6]	22.1 [6.5]
		Power	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
	110 [43.3]	Total kBtu/h [kW]	25.4 [7.4]	24.6 [7.2]	24.1 [7.1]	24.0 [7.0]	23.2 [6.8]	22.8 [6.7]	22.6 [6.6]	21.9 [6.4]	21.5 [6.3]
		Sens kBtu/h [kW]	17.1 [5.0]	15.8 [4.6]	15.1 [4.4]	21.7 [6.4]	20.0 [5.9]	19.1 [5.6]	22.6 [6.6]	21.9 [6.4]	21.5 [6.3]
		Power	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	115 [46.1]	Total kBtu/h [kW]	24.7 [7.2]	23.9 [7.0]	23.5 [6.9]	23.4 [6.9]	22.6 [6.6]	22.2 [6.5]	22.0 [6.4]	21.3 [6.2]	20.9 [6.1]
		Sens kBtu/h [kW]	17.0 [5.0]	15.6 [4.6]	14.9 [4.4]	21.6 [6.3]	19.8 [5.8]	19.0 [5.6]	22.0 [6.4]	21.3 [6.2]	20.9 [6.1]
		Power	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
	120 [48.9]	Total kBtu/h [kW]	24.1 [7.1]	23.3 [6.8]	22.9 [6.7]	22.7 [6.7]	22.0 [6.4]	21.6 [6.3]	21.3 [6.2]	20.6 [6.0]	20.3 [5.9]
		Sens kBtu/h [kW]	16.9 [5.0]	15.5 [4.5]	14.8 [4.3]	21.4 [6.3]	19.7 [5.8]	18.9 [5.5]	21.3 [6.2]	20.6 [6.0]	20.3 [5.9]
		Power	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	125 [51.7]	Total kBtu/h [kW]	23.5 [6.9]	22.7 [6.7]	22.3 [6.5]	22.1 [6.5]	21.3 [6.2]	21.0 [6.2]	20.7 [6.1]	20.0 [5.9]	19.7 [5.8]
		Sens kBtu/h [kW]	16.7 [4.9]	15.4 [4.5]	14.7 [4.3]	21.3 [6.2]	19.6 [5.7]	18.7 [5.5]	20.7 [6.1]	20.0 [5.9]	19.7 [5.8]
		Power	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7

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

Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
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)].

[ ] Designates Metric Conversions

GROSS SYSTEMS COOLING PERFORMANCE DATA—RHPBYB030

RHPBYB030 - 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]			1125 [531]	1000 [472]	875 [413]	1125 [531]	1000 [472]	875 [413]	1125 [531]	1000 [472]	875 [413]	
DR ①			.05	.09	.12	.05	.09	.12	.05	.09	.12	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total kBtu/h [kW]	35.9 [10.5]	35.1 [10.3]	34.3 [10.1]	34.2 [10.0]	33.5 [9.8]	32.7 [9.6]	32.6 [9.6]	31.9 [9.3]	31.1 [9.1]	
		Sens kBtu/h [kW]	22.3 [6.5]	21.0 [6.2]	19.8 [5.8]	27.4 [8.0]	25.9 [7.6]	24.4 [7.2]	30.8 [9.0]	29.1 [8.5]	27.4 [8.0]	
		Power	2.0	2.0	1.9	2.0	2.0	1.9	2.0	1.9	1.9	
	80 [26.7]	Total kBtu/h [kW]	35.0 [10.3]	34.2 [10.0]	33.4 [9.8]	33.4 [9.8]	32.6 [9.6]	31.9 [9.3]	31.7 [9.3]	31.0 [9.1]	30.3 [8.9]	
		Sens kBtu/h [kW]	21.8 [6.4]	20.6 [6.0]	19.4 [5.7]	27.0 [7.9]	25.5 [7.5]	24.0 [7.0]	30.4 [8.9]	28.7 [8.4]	27.1 [7.9]	
		Power	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	
	85 [29.4]	Total kBtu/h [kW]	34.1 [10.0]	33.4 [9.8]	32.6 [9.6]	32.5 [9.5]	31.8 [9.3]	31.0 [9.1]	30.8 [9.0]	30.2 [8.9]	29.5 [8.6]	
		Sens kBtu/h [kW]	21.5 [6.3]	20.3 [5.9]	19.1 [5.6]	26.7 [7.8]	25.2 [7.4]	23.7 [6.9]	30.1 [8.8]	28.4 [8.3]	26.8 [7.9]	
		Power	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
	90 [32.2]	Total kBtu/h [kW]	33.2 [9.7]	32.5 [9.5]	31.8 [9.3]	31.6 [9.3]	30.9 [9.1]	30.2 [8.9]	30.0 [8.8]	29.3 [8.6]	28.6 [8.4]	
		Sens kBtu/h [kW]	21.2 [6.2]	20.1 [5.9]	18.9 [5.5]	26.4 [7.7]	24.9 [7.3]	23.5 [6.9]	29.8 [8.7]	28.2 [8.3]	26.5 [7.8]	
		Power	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	
	95 [35]	Total kBtu/h [kW]	32.4 [9.5]	31.6 [9.3]	30.9 [9.1]	30.7 [9.0]	30.0 [8.8]	29.4 [8.6]	29.1 [8.5]	28.4 [8.3]	27.8 [8.1]	
		Sens kBtu/h [kW]	21.0 [6.2]	19.8 [5.8]	18.7 [5.5]	26.2 [7.7]	24.7 [7.2]	23.3 [6.8]	29.1 [8.5]	28.0 [8.2]	26.3 [7.7]	
		Power	2.5	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.4	
	100 [37.8]	Total kBtu/h [kW]	31.5 [9.2]	30.8 [9.0]	30.1 [8.8]	29.8 [8.7]	29.2 [8.6]	28.5 [8.4]	28.2 [8.3]	27.6 [8.1]	26.9 [7.9]	
		Sens kBtu/h [kW]	20.8 [6.1]	19.7 [5.8]	18.5 [5.4]	26.0 [7.6]	24.6 [7.2]	23.1 [6.8]	28.2 [8.3]	27.6 [8.1]	26.2 [7.7]	
		Power	2.6	2.6	2.5	2.6	2.6	2.5	2.6	2.5	2.5	
	105 [40.6]	Total kBtu/h [kW]	30.6 [9.0]	29.9 [8.8]	29.2 [8.6]	29.0 [8.5]	28.3 [8.3]	27.7 [8.1]	27.3 [8.0]	26.7 [7.8]	26.1 [7.6]	
		Sens kBtu/h [kW]	20.8 [6.1]	19.6 [5.7]	18.5 [5.4]	25.9 [7.6]	24.5 [7.2]	23.1 [6.8]	27.3 [8.0]	26.7 [7.8]	26.1 [7.6]	
		Power	2.7	2.7	2.6	2.7	2.7	2.6	2.7	2.7	2.6	
	110 [43.3]	Total kBtu/h [kW]	29.7 [8.7]	29.1 [8.5]	28.4 [8.3]	28.1 [8.2]	27.5 [8.1]	26.8 [7.9]	26.4 [7.7]	25.9 [7.6]	25.3 [7.4]	
		Sens kBtu/h [kW]	20.7 [6.1]	19.6 [5.7]	18.4 [5.4]	25.9 [7.6]	24.5 [7.2]	23.0 [6.7]	26.4 [7.7]	25.9 [7.6]	25.3 [7.4]	
		Power	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	
	115 [46.1]	Total kBtu/h [kW]	28.8 [8.4]	28.2 [8.3]	27.6 [8.1]	27.2 [8.0]	26.6 [7.8]	26.0 [7.6]	25.6 [7.5]	25.0 [7.3]	24.4 [7.2]	
		Sens kBtu/h [kW]	20.8 [6.1]	19.6 [5.7]	18.5 [5.4]	25.9 [7.6]	24.5 [7.2]	23.1 [6.8]	25.6 [7.5]	25.0 [7.3]	24.4 [7.2]	
		Power	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	
	120 [48.9]	Total kBtu/h [kW]	28.0 [8.2]	27.3 [8.0]	26.7 [7.8]	26.3 [7.7]	25.7 [7.5]	25.2 [7.4]	24.7 [7.2]	24.1 [7.1]	23.6 [6.9]	
		Sens kBtu/h [kW]	20.9 [6.1]	19.7 [5.8]	18.6 [5.5]	26.0 [7.6]	24.6 [7.2]	23.2 [6.8]	24.7 [7.2]	24.1 [7.1]	23.6 [6.9]	
		Power	3.1	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	
	125 [51.7]	Total kBtu/h [kW]	27.1 [7.9]	26.5 [7.8]	25.9 [7.6]	25.5 [7.5]	24.9 [7.3]	24.3 [7.1]	23.8 [7.0]	23.3 [6.8]	22.8 [6.7]	
		Sens kBtu/h [kW]	21.0 [6.2]	19.9 [5.8]	18.7 [5.5]	25.5 [7.5]	24.7 [7.2]	23.3 [6.8]	23.8 [7.0]	23.3 [6.8]	22.8 [6.7]	
		Power	3.2	3.1	3.1	3.2	3.1	3.1	3.2	3.1	3.1	

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

Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
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)].

[ ] Designates Metric Conversions

GROSS SYSTEMS COOLING PERFORMANCE DATA—RHPBYB036

RHPBYB036 - 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]			1350 [637]	1200 [566]	1050 [496]	1350 [637]	1200 [566]	1050 [496]	1350 [637]	1200 [566]	1050 [496]	
DR ①			.05	.09	.12	.05	.09	.12	.05	.09	.12	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total kBtu/h [kW]	44.5 [13.0]	43.5 [12.7]	42.5 [12.5]	41.4 [12.1]	40.4 [11.8]	39.5 [11.6]	38.9 [11.4]	38.1 [11.2]	37.2 [10.9]	
		Sens kBtu/h [kW]	27.2 [8.0]	25.7 [7.5]	24.2 [7.1]	32.3 [9.5]	30.5 [8.9]	28.7 [8.4]	36.1 [10.6]	34.1 [10.0]	32.1 [9.4]	
		Power	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	
	80 [26.7]	Total kBtu/h [kW]	43.7 [12.8]	42.7 [12.5]	41.7 [12.2]	40.5 [11.9]	39.6 [11.6]	38.7 [11.3]	38.0 [11.1]	37.2 [10.9]	36.4 [10.7]	
		Sens kBtu/h [kW]	27.0 [7.9]	25.5 [7.5]	24.0 [7.0]	32.1 [9.4]	30.3 [8.9]	28.5 [8.4]	35.8 [10.5]	33.9 [9.9]	31.9 [9.3]	
		Power	2.7	2.7	2.6	2.7	2.6	2.6	2.7	2.6	2.6	
	85 [29.4]	Total kBtu/h [kW]	42.6 [12.5]	41.7 [12.2]	40.7 [11.9]	39.5 [11.6]	38.6 [11.3]	37.7 [11.0]	37.0 [10.8]	36.2 [10.6]	35.4 [10.4]	
		Sens kBtu/h [kW]	26.7 [7.8]	25.2 [7.4]	23.7 [6.9]	31.7 [9.3]	30.0 [8.8]	28.2 [8.3]	35.5 [10.4]	33.6 [9.8]	31.6 [9.3]	
		Power	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	
	90 [32.2]	Total kBtu/h [kW]	41.5 [12.2]	40.6 [11.9]	39.6 [11.6]	38.3 [11.2]	37.5 [11.0]	36.6 [10.7]	35.9 [10.5]	35.1 [10.3]	34.3 [10.1]	
		Sens kBtu/h [kW]	26.3 [7.7]	24.8 [7.3]	23.4 [6.9]	31.3 [9.2]	29.6 [8.7]	27.9 [8.2]	35.1 [10.3]	33.2 [9.7]	31.3 [9.2]	
		Power	3.0	2.9	2.9	3.0	2.9	2.9	2.9	2.9	2.9	
	95 [35]	Total kBtu/h [kW]	40.2 [11.8]	39.3 [11.5]	38.4 [11.3]	37.0 [10.8]	36.2 [10.6]	35.4 [10.4]	34.6 [10.1]	33.8 [9.9]	33.0 [9.7]	
		Sens kBtu/h [kW]	25.8 [7.6]	24.4 [7.2]	23.0 [6.7]	30.9 [9.1]	29.2 [8.6]	27.5 [8.1]	34.6 [10.1]	32.7 [9.6]	30.8 [9.0]	
		Power	3.1	3.1	3.1	3.1	3.1	3.0	3.1	3.1	3.0	
	100 [37.8]	Total kBtu/h [kW]	38.7 [11.3]	37.9 [11.1]	37.0 [10.8]	35.6 [10.4]	34.8 [10.2]	34.0 [10.0]	33.1 [9.7]	32.4 [9.5]	31.6 [9.3]	
		Sens kBtu/h [kW]	25.3 [7.4]	23.9 [7.0]	22.5 [6.6]	30.3 [8.9]	28.6 [8.4]	27.0 [7.9]	33.1 [9.7]	32.2 [9.4]	30.3 [8.9]	
		Power	3.3	3.2	3.2	3.3	3.2	3.2	3.2	3.2	3.2	
	105 [40.6]	Total kBtu/h [kW]	37.1 [10.9]	36.3 [10.6]	35.5 [10.4]	34.0 [10.0]	33.2 [9.7]	32.5 [9.5]	31.5 [9.2]	30.8 [9.0]	30.1 [8.8]	
		Sens kBtu/h [kW]	24.6 [7.2]	23.3 [6.8]	21.9 [6.4]	29.7 [8.7]	28.0 [8.2]	26.4 [7.7]	31.5 [9.2]	30.8 [9.0]	29.8 [8.7]	
		Power	3.4	3.4	3.3	3.4	3.4	3.3	3.4	3.4	3.3	
	110 [43.3]	Total kBtu/h [kW]	35.4 [10.4]	34.6 [10.1]	33.8 [9.9]	32.2 [9.4]	31.5 [9.2]	30.8 [9.0]	29.8 [8.7]	29.1 [8.5]	28.5 [8.4]	
		Sens kBtu/h [kW]	23.9 [7.0]	22.6 [6.6]	21.3 [6.2]	29.0 [8.5]	27.4 [8.0]	25.8 [7.6]	29.8 [8.7]	29.1 [8.5]	28.5 [8.4]	
		Power	3.6	3.5	3.5	3.6	3.5	3.5	3.5	3.5	3.5	
	115 [46.1]	Total kBtu/h [kW]	33.5 [9.8]	32.8 [9.6]	32.0 [9.4]	30.4 [8.9]	29.7 [8.7]	29.0 [8.5]	27.9 [8.2]	27.3 [8.0]	26.7 [7.8]	
		Sens kBtu/h [kW]	23.1 [6.8]	21.8 [6.4]	20.6 [6.0]	28.2 [8.3]	26.6 [7.8]	25.1 [7.4]	27.9 [8.2]	27.3 [8.0]	26.7 [7.8]	
		Power	3.7	3.7	3.6	3.7	3.7	3.6	3.7	3.6	3.6	
	120 [48.9]	Total kBtu/h [kW]	31.5 [9.2]	30.8 [9.0]	30.1 [8.8]	28.3 [8.3]	27.7 [8.1]	27.1 [7.9]	25.9 [7.6]	25.3 [7.4]	24.7 [7.2]	
		Sens kBtu/h [kW]	22.3 [6.5]	21.0 [6.2]	19.8 [5.8]	27.3 [8.0]	25.8 [7.6]	24.3 [7.1]	25.9 [7.6]	25.3 [7.4]	24.7 [7.2]	
		Power	3.9	3.8	3.8	3.9	3.8	3.8	3.8	3.8	3.8	
	125 [51.7]	Total kBtu/h [kW]	29.3 [8.6]	28.7 [8.4]	28.0 [8.2]	26.2 [7.7]	25.6 [7.5]	25.0 [7.3]	23.7 [6.9]	23.2 [6.8]	22.7 [6.7]	
		Sens kBtu/h [kW]	21.3 [6.2]	20.1 [5.9]	19.0 [5.6]	26.2 [7.7]	24.9 [7.3]	23.5 [6.9]	23.7 [6.9]	23.2 [6.8]	22.7 [6.7]	
		Power	4.0	4.0	3.9	4.0	4.0	3.9	4.0	3.9	3.9	

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

Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
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)].

[ ] Designates Metric Conversions

GROSS SYSTEMS COOLING PERFORMANCE DATA—RHPBYB042

RHPBYB042 - 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]			1550 [732]	1400 [661]	1200 [566]	1550 [732]	1400 [661]	1200 [566]	1550 [732]	1400 [661]	1200 [566]	
DR ①			.05	.09	.12	.05	.09	.12	.05	.09	.12	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total kBtu/h [kW]	49.8 [14.6]	48.9 [14.3]	47.6 [14.0]	46.6 [13.7]	45.7 [13.4]	44.6 [13.1]	44.2 [13.0]	43.4 [12.7]	42.3 [12.4]	
		Sens kBtu/h [kW]	30.1 [8.8]	28.7 [8.4]	26.8 [7.9]	36.0 [10.6]	34.3 [10.1]	32.0 [9.4]	41.6 [12.2]	39.7 [11.6]	37.0 [10.8]	
		Power	2.9	2.9	2.8	2.9	2.9	2.8	2.9	2.9	2.8	
	80 [26.7]	Total kBtu/h [kW]	48.8 [14.3]	47.9 [14.0]	46.6 [13.7]	45.6 [13.4]	44.7 [13.1]	43.6 [12.8]	43.2 [12.7]	42.4 [12.4]	41.3 [12.1]	
		Sens kBtu/h [kW]	29.7 [8.7]	28.3 [8.3]	26.4 [7.7]	35.6 [10.4]	33.9 [9.9]	31.7 [9.3]	41.3 [12.1]	39.3 [11.5]	36.7 [10.8]	
		Power	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
	85 [29.4]	Total kBtu/h [kW]	47.7 [14.0]	46.8 [13.7]	45.5 [13.3]	44.5 [13.0]	43.6 [12.8]	42.5 [12.5]	42.1 [12.3]	41.3 [12.1]	40.2 [11.8]	
		Sens kBtu/h [kW]	29.3 [8.6]	27.9 [8.2]	26.0 [7.6]	35.2 [10.3]	33.5 [9.8]	31.3 [9.2]	40.8 [12.0]	38.9 [11.4]	36.3 [10.6]	
		Power	3.2	3.2	3.1	3.2	3.2	3.1	3.2	3.2	3.1	
	90 [32.2]	Total kBtu/h [kW]	46.4 [13.6]	45.6 [13.4]	44.4 [13.0]	43.3 [12.7]	42.4 [12.4]	41.3 [12.1]	40.9 [12.0]	40.1 [11.8]	39.1 [11.5]	
		Sens kBtu/h [kW]	28.8 [8.4]	27.4 [8.0]	25.6 [7.5]	34.7 [10.2]	33.0 [9.7]	30.8 [9.0]	40.3 [11.8]	38.4 [11.3]	35.8 [10.5]	
		Power	3.4	3.4	3.3	3.4	3.3	3.3	3.4	3.3	3.3	
	95 [35]	Total kBtu/h [kW]	45.1 [13.2]	44.3 [13.0]	43.1 [12.6]	41.9 [12.3]	41.1 [12.0]	40.1 [11.8]	39.6 [11.6]	38.8 [11.4]	37.8 [11.1]	
		Sens kBtu/h [kW]	28.2 [8.3]	26.9 [7.9]	25.1 [7.4]	34.1 [10.0]	32.5 [9.5]	30.3 [8.9]	39.6 [11.6]	37.8 [11.1]	35.3 [10.3]	
		Power	3.6	3.5	3.5	3.6	3.5	3.5	3.5	3.5	3.5	
	100 [37.8]	Total kBtu/h [kW]	43.7 [12.8]	42.9 [12.6]	41.7 [12.2]	40.5 [11.9]	39.8 [11.7]	38.7 [11.3]	38.1 [11.2]	37.4 [11.0]	36.4 [10.7]	
		Sens kBtu/h [kW]	27.6 [8.1]	26.3 [7.7]	24.5 [7.2]	33.5 [9.8]	31.9 [9.3]	29.8 [8.7]	38.1 [11.2]	37.2 [10.9]	34.8 [10.2]	
		Power	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	
	105 [40.6]	Total kBtu/h [kW]	42.2 [12.4]	41.4 [12.1]	40.3 [11.8]	39.0 [11.4]	38.3 [11.2]	37.3 [10.9]	36.6 [10.7]	35.9 [10.5]	35.0 [10.3]	
		Sens kBtu/h [kW]	26.9 [7.9]	25.6 [7.5]	23.9 [7.0]	32.8 [9.6]	31.2 [9.1]	29.1 [8.5]	36.6 [10.7]	35.9 [10.5]	34.1 [10.0]	
		Power	3.9	3.9	3.9	3.9	3.9	3.8	3.9	3.9	3.8	
	110 [43.3]	Total kBtu/h [kW]	40.5 [11.9]	39.8 [11.7]	38.7 [11.3]	37.4 [11.0]	36.7 [10.8]	35.7 [10.5]	35.0 [10.3]	34.3 [10.1]	33.4 [9.8]	
		Sens kBtu/h [kW]	26.1 [7.6]	24.9 [7.3]	23.2 [6.8]	32 [9.4]	30.5 [8.9]	28.5 [8.4]	35.0 [10.3]	34.3 [10.1]	33.4 [9.8]	
		Power	4.1	4.1	4.1	4.1	4.1	4.0	4.1	4.1	4.0	
	115 [46.1]	Total kBtu/h [kW]	38.8 [11.4]	38.1 [11.2]	37.1 [10.9]	35.6 [10.4]	35.0 [10.3]	34.1 [10.0]	33.2 [9.7]	32.6 [9.6]	31.8 [9.3]	
		Sens kBtu/h [kW]	25.3 [7.4]	24.1 [7.1]	22.5 [6.6]	31.2 [9.1]	29.7 [8.7]	27.7 [8.1]	33.2 [9.7]	32.6 [9.6]	31.8 [9.3]	
		Power	4.4	4.3	4.3	4.3	4.3	4.2	4.3	4.3	4.2	
	120 [48.9]	Total kBtu/h [kW]	37.0 [10.8]	36.3 [10.6]	35.3 [10.3]	33.8 [9.9]	33.2 [9.7]	32.3 [9.5]	31.4 [9.2]	30.8 [9.0]	30.0 [8.8]	
		Sens kBtu/h [kW]	24.4 [7.2]	23.2 [6.8]	21.7 [6.4]	30.3 [8.9]	28.9 [8.5]	26.9 [7.9]	31.4 [9.2]	30.8 [9.0]	30.0 [8.8]	
		Power	4.6	4.5	4.5	4.6	4.5	4.5	4.6	4.5	4.5	
	125 [51.7]	Total kBtu/h [kW]	35.0 [10.3]	34.4 [10.1]	33.5 [9.8]	31.9 [9.3]	31.3 [9.2]	30.5 [8.9]	29.5 [8.6]	28.9 [8.5]	28.2 [8.3]	
		Sens kBtu/h [kW]	23.4 [6.9]	22.3 [6.5]	20.8 [6.1]	29.3 [8.6]	27.9 [8.2]	26.1 [7.6]	29.5 [8.6]	28.9 [8.5]	28.2 [8.3]	
		Power	4.8	4.7	4.7	4.8	4.7	4.7	4.8	4.7	4.7	

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

Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
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)].

[ ] Designates Metric Conversions

GROSS SYSTEMS COOLING PERFORMANCE DATA—RHPBYB048

RHPBYB048 - 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]			1700 [802]	1600 [755]	1325 [625]	1700 [802]	1600 [755]	1325 [625]	1700 [802]	1600 [755]	1325 [625]	
DR ①			.05	.09	.12	.05	.09	.12	.05	.09	.12	
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total kBtu/h [kW]	52.9 [15.5]	52.3 [15.3]	50.7 [14.9]	51.2 [15.0]	50.7 [14.9]	49.1 [14.4]	49.6 [14.5]	49.0 [14.4]	47.5 [13.9]	
		Sens kBtu/h [kW]	28.2 [8.3]	27.4 [8.0]	25.2 [7.4]	36.3 [10.6]	35.3 [10.3]	32.5 [9.5]	42.4 [12.4]	41.2 [12.1]	37.9 [11.1]	
		Power	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	
	80 [26.7]	Total kBtu/h [kW]	51.6 [15.1]	51.0 [14.9]	49.4 [14.5]	49.9 [14.6]	49.3 [14.4]	47.8 [14.0]	48.2 [14.1]	47.7 [14.0]	46.2 [13.5]	
		Sens kBtu/h [kW]	27.4 [8.0]	26.6 [7.8]	24.4 [7.2]	35.5 [10.4]	34.5 [10.1]	31.8 [9.3]	41.6 [12.2]	40.4 [11.8]	37.2 [10.9]	
		Power	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	
	85 [29.4]	Total kBtu/h [kW]	50.2 [14.7]	49.7 [14.6]	48.1 [14.1]	48.6 [14.2]	48.0 [14.1]	46.5 [13.6]	46.9 [13.7]	46.4 [13.6]	44.9 [13.2]	
		Sens kBtu/h [kW]	26.6 [7.8]	25.8 [7.6]	23.8 [7.0]	34.8 [10.2]	33.8 [9.9]	31.1 [9.1]	40.9 [12.0]	39.7 [11.6]	36.5 [10.7]	
		Power	3.6	3.6	3.5	3.6	3.6	3.5	3.6	3.6	3.5	
	90 [32.2]	Total kBtu/h [kW]	48.9 [14.3]	48.3 [14.2]	46.8 [13.7]	47.2 [13.8]	46.7 [13.7]	45.2 [13.2]	45.6 [13.4]	45.0 [13.2]	43.6 [12.8]	
		Sens kBtu/h [kW]	25.9 [7.6]	25.2 [7.4]	23.1 [6.8]	34.1 [10.0]	33.1 [9.7]	30.5 [8.9]	40.1 [11.8]	39.0 [11.4]	35.9 [10.5]	
		Power	3.8	3.8	3.7	3.8	3.8	3.7	3.8	3.8	3.7	
	95 [35]	Total kBtu/h [kW]	47.6 [14.0]	47.0 [13.8]	45.6 [13.4]	45.9 [13.5]	45.4 [13.3]	44.0 [12.9]	44.2 [13.0]	43.7 [12.8]	42.4 [12.4]	
		Sens kBtu/h [kW]	25.2 [7.4]	24.5 [7.2]	22.6 [6.6]	33.4 [9.8]	32.5 [9.5]	29.9 [8.8]	39.5 [11.6]	38.4 [11.3]	35.3 [10.3]	
		Power	4.0	3.9	3.9	4.0	4.0	3.9	4.0	3.9	3.9	
	100 [37.8]	Total kBtu/h [kW]	46.2 [13.5]	45.7 [13.4]	44.3 [13.0]	44.6 [13.1]	44.1 [12.9]	42.7 [12.5]	42.9 [12.6]	42.4 [12.4]	41.1 [12.0]	
		Sens kBtu/h [kW]	24.7 [7.2]	24.0 [7.0]	22.0 [6.4]	32.8 [9.6]	31.9 [9.3]	29.3 [8.6]	38.9 [11.4]	37.8 [11.1]	34.8 [10.2]	
		Power	4.1	4.1	4.1	4.2	4.1	4.1	4.1	4.1	4.1	
	105 [40.6]	Total kBtu/h [kW]	44.9 [13.2]	44.4 [13.0]	43.0 [12.6]	43.2 [12.7]	42.7 [12.5]	41.4 [12.1]	41.6 [12.2]	41.1 [12.0]	39.8 [11.7]	
		Sens kBtu/h [kW]	24.1 [7.1]	23.4 [6.9]	21.6 [6.3]	32.3 [9.5]	31.4 [9.2]	28.9 [8.5]	38.4 [11.3]	37.3 [10.9]	34.3 [10.1]	
		Power	4.3	4.3	4.2	4.3	4.3	4.2	4.3	4.3	4.2	
	110 [43.3]	Total kBtu/h [kW]	43.6 [12.8]	43.1 [12.6]	41.7 [12.2]	41.9 [12.3]	41.4 [12.1]	40.1 [11.8]	40.2 [11.8]	39.8 [11.7]	38.5 [11.3]	
		Sens kBtu/h [kW]	23.7 [6.9]	23.0 [6.7]	21.1 [6.2]	31.8 [9.3]	30.9 [9.1]	28.5 [8.4]	37.9 [11.1]	36.8 [10.8]	33.9 [9.9]	
		Power	4.5	4.5	4.4	4.5	4.5	4.4	4.5	4.5	4.4	
	115 [46.1]	Total kBtu/h [kW]	42.2 [12.4]	41.7 [12.2]	40.4 [11.8]	40.6 [11.9]	40.1 [11.8]	38.8 [11.4]	38.9 [11.4]	38.4 [11.3]	37.2 [10.9]	
		Sens kBtu/h [kW]	23.2 [6.8]	22.6 [6.6]	20.8 [6.1]	31.4 [9.2]	30.5 [8.9]	28.1 [8.2]	37.5 [11.0]	36.4 [10.7]	33.5 [9.8]	
		Power	4.7	4.7	4.6	4.7	4.7	4.6	4.7	4.7	4.6	
	120 [48.9]	Total kBtu/h [kW]	40.9 [12.0]	40.4 [11.8]	39.2 [11.5]	39.2 [11.5]	38.8 [11.4]	37.6 [11.0]	37.5 [11.0]	37.1 [10.9]	36.0 [10.6]	
		Sens kBtu/h [kW]	22.9 [6.7]	22.2 [6.5]	20.4 [6.0]	31.1 [9.1]	30.2 [8.9]	27.8 [8.1]	37.1 [10.9]	36.1 [10.6]	33.2 [9.7]	
		Power	4.9	4.8	4.8	4.9	4.8	4.8	4.9	4.8	4.8	
	125 [51.7]	Total kBtu/h [kW]	39.6 [11.6]	39.1 [11.5]	37.9 [11.1]	37.9 [11.1]	37.5 [11.0]	36.3 [10.6]	36.2 [10.6]	35.8 [10.5]	34.7 [10.2]	
		Sens kBtu/h [kW]	22.6 [6.6]	21.9 [6.4]	20.2 [5.9]	30.8 [9.0]	29.9 [8.8]	27.5 [8.1]	36.2 [10.6]	35.8 [10.5]	32.9 [9.6]	
		Power	5.0	5.0	4.9	5.1	5.0	5.0	5.0	5.0	4.9	

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

Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
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)].

[ ] Designates Metric Conversions

GROSS SYSTEMS COOLING PERFORMANCE DATA—RHPBYB060

RHPBYB060 - 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]			2200 [1038]	1900 [897]	1700 [802]	2200 [1038]	1900 [897]	1700 [802]	2200 [1038]	1900 [897]	1700 [802]
DR ①			.05	.09	.12	.05	.09	.12	.05	.09	.12
OUTDOOR DRY BULB TEMPERATURE °F [°C]	75 [23.9]	Total kBtu/h [kW]	73.4 [21.5]	71.3 [20.9]	70.0 [20.5]	69.1 [20.3]	67.2 [19.7]	65.9 [19.3]	64.9 [19.0]	63.1 [18.5]	61.9 [18.1]
		Sens kBtu/h [kW]	44.3 [13.0]	41.3 [12.1]	39.3 [11.5]	50.6 [14.8]	47.1 [13.8]	44.8 [13.1]	56.9 [16.7]	53.0 [15.5]	50.4 [14.8]
		Power	4.2	4.2	4.1	4.2	4.2	4.1	4.2	4.1	4.1
	80 [26.7]	Total kBtu/h [kW]	71.1 [20.8]	69.1 [20.3]	67.8 [19.9]	66.9 [19.6]	65.0 [19.1]	63.8 [18.7]	62.7 [18.4]	60.9 [17.8]	59.7 [17.5]
		Sens kBtu/h [kW]	43.2 [12.7]	40.3 [11.8]	38.3 [11.2]	49.5 [14.5]	46.1 [13.5]	43.8 [12.8]	55.8 [16.4]	51.9 [15.2]	49.4 [14.5]
		Power	4.5	4.4	4.4	4.5	4.4	4.4	4.4	4.4	4.3
	85 [29.4]	Total kBtu/h [kW]	68.8 [20.2]	66.9 [19.6]	65.6 [19.2]	64.6 [18.9]	62.8 [18.4]	61.6 [18.1]	60.4 [17.7]	58.7 [17.2]	57.6 [16.9]
		Sens kBtu/h [kW]	42.1 [12.3]	39.2 [11.5]	37.3 [10.9]	48.4 [14.2]	45.1 [13.2]	42.9 [12.6]	54.7 [16.0]	50.9 [14.9]	48.4 [14.2]
		Power	4.7	4.7	4.6	4.7	4.7	4.6	4.7	4.6	4.6
	90 [32.2]	Total kBtu/h [kW]	66.6 [19.5]	64.7 [19.0]	63.5 [18.6]	62.4 [18.3]	60.6 [17.8]	59.5 [17.4]	58.1 [17.0]	56.5 [16.6]	55.4 [16.2]
		Sens kBtu/h [kW]	41.1 [12.0]	38.2 [11.2]	36.4 [10.7]	47.3 [13.9]	44.1 [12.9]	41.9 [12.3]	53.6 [15.7]	49.9 [14.6]	47.5 [13.9]
		Power	5.0	4.9	4.9	5.0	4.9	4.8	4.9	4.9	4.8
	95 [35]	Total kBtu/h [kW]	64.3 [18.8]	62.5 [18.3]	61.3 [18.0]	60.1 [17.6]	58.4 [17.1]	57.3 [16.8]	55.9 [16.4]	54.3 [15.9]	53.3 [15.6]
		Sens kBtu/h [kW]	40.0 [11.7]	37.2 [10.9]	35.4 [10.4]	46.2 [13.5]	43.1 [12.6]	40.9 [12.0]	52.5 [15.4]	48.9 [14.3]	46.5 [13.6]
		Power	5.2	5.2	5.1	5.2	5.1	5.1	5.2	5.1	5.0
	100 [37.8]	Total kBtu/h [kW]	62.0 [18.2]	60.3 [17.7]	59.2 [17.4]	57.8 [16.9]	56.2 [16.5]	55.1 [16.1]	53.6 [15.7]	52.1 [15.3]	51.1 [15.0]
		Sens kBtu/h [kW]	38.9 [11.4]	36.2 [10.6]	34.4 [10.1]	45.1 [13.2]	42.0 [12.3]	40.0 [11.7]	51.4 [15.1]	47.9 [14.0]	45.5 [13.3]
		Power	5.5	5.4	5.3	5.4	5.4	5.3	5.4	5.3	5.3
	105 [40.6]	Total kBtu/h [kW]	59.8 [17.5]	58.1 [17.0]	57.0 [16.7]	55.6 [16.3]	54.0 [15.8]	53.0 [15.5]	51.3 [15.0]	49.9 [14.6]	49.0 [14.4]
		Sens kBtu/h [kW]	37.8 [11.1]	35.2 [10.3]	33.5 [9.8]	44.0 [12.9]	41.0 [12.0]	39.0 [11.4]	50.3 [14.7]	46.9 [13.7]	44.6 [13.1]
		Power	5.7	5.6	5.6	5.7	5.6	5.6	5.7	5.6	5.5
	110 [43.3]	Total kBtu/h [kW]	57.5 [16.9]	55.9 [16.4]	54.8 [16.1]	53.3 [15.6]	51.8 [15.2]	50.8 [14.9]	49.1 [14.4]	47.7 [14.0]	46.8 [13.7]
		Sens kBtu/h [kW]	36.7 [10.8]	34.2 [10.0]	32.5 [9.5]	43.0 [12.6]	40.0 [11.7]	38.0 [11.1]	49.1 [14.4]	45.8 [13.4]	43.6 [12.8]
		Power	6.0	5.9	5.8	5.9	5.9	5.8	5.9	5.8	5.8
	115 [46.1]	Total kBtu/h [kW]	55.3 [16.2]	53.7 [15.7]	52.7 [15.4]	51.0 [14.9]	49.6 [14.5]	48.7 [14.3]	46.8 [13.7]	45.5 [13.3]	44.6 [13.1]
		Sens kBtu/h [kW]	35.6 [10.4]	33.2 [9.7]	31.5 [9.2]	41.9 [12.3]	39.0 [11.4]	37.1 [10.9]	46.8 [13.7]	44.8 [13.1]	42.6 [12.5]
		Power	6.2	6.1	6.1	6.2	6.1	6.0	6.1	6.1	6.0
	120 [48.9]	Total kBtu/h [kW]	53.0 [15.5]	51.5 [15.1]	50.5 [14.8]	48.8 [14.3]	47.4 [13.9]	46.5 [13.6]	44.5 [13.0]	43.3 [12.7]	42.5 [12.5]
		Sens kBtu/h [kW]	34.5 [10.1]	32.1 [9.4]	30.6 [9.0]	40.8 [12.0]	38.0 [11.1]	36.1 [10.6]	44.5 [13.0]	43.3 [12.7]	41.7 [12.2]
		Power	6.4	6.4	6.3	6.4	6.3	6.3	6.4	6.3	6.2
	125 [51.7]	Total kBtu/h [kW]	50.7 [14.9]	49.3 [14.4]	48.4 [14.2]	46.5 [13.6]	45.2 [13.2]	44.3 [13.0]	42.3 [12.4]	41.1 [12.0]	40.3 [11.8]
		Sens kBtu/h [kW]	33.4 [9.8]	31.1 [9.1]	29.6 [8.7]	39.7 [11.6]	37.0 [10.8]	35.1 [10.3]	42.3 [12.4]	41.1 [12.0]	40.3 [11.8]
		Power	6.7	6.6	6.5	6.7	6.6	6.5	6.6	6.5	6.5

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

Total —Total capacity x 1000 Btu/h
Sens —Sensible capacity x 1000 Btu/h
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)].

[ ] Designates Metric Conversions

HEATING PERFORMANCE DATA—RHPBYB024

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			850 [401]	800 [378]	675 [319]	850 [401]	800 [378]	675 [319]	850 [401]	800 [378]	675 [319]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total kBtu/h [kW]	8.3 [2.4]	8.3 [2.4]	8.2 [2.4]	7.3 [2.1]	7.3 [2.1]	7.2 [2.1]	6.3 [1.8]	6.3 [1.8]	6.2 [1.8]
		Power	1.4	1.4	1.4	1.5	1.5	1.6	1.7	1.7	1.8
	5 [-15]	Total kBtu/h [kW]	10.0 [2.9]	9.9 [2.9]	9.8 [2.9]	9.0 [2.6]	8.9 [2.6]	8.8 [2.6]	8.0 [2.3]	7.9 [2.3]	7.8 [2.3]
		Power	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.8	1.8
	10 [-12.2]	Total kBtu/h [kW]	11.6 [3.4]	11.6 [3.4]	11.4 [3.3]	10.6 [3.1]	10.6 [3.1]	10.5 [3.1]	9.6 [2.8]	9.6 [2.8]	9.5 [2.8]
		Power	1.4	1.5	1.5	1.6	1.6	1.6	1.8	1.8	1.8
	15 [-9.4]	Total kBtu/h [kW]	13.3 [3.9]	13.2 [3.9]	13.1 [3.8]	12.3 [3.6]	12.2 [3.6]	12.1 [3.5]	11.3 [3.3]	11.3 [3.3]	11.1 [3.3]
		Power	1.5	1.5	1.5	1.6	1.6	1.7	1.8	1.8	1.9
	20 [-6.7]	Total kBtu/h [kW]	15.0 [4.4]	14.9 [4.4]	14.7 [4.3]	14.0 [4.1]	13.9 [4.1]	13.8 [4.0]	13.0 [3.8]	12.9 [3.8]	12.8 [3.8]
		Power	1.5	1.5	1.5	1.6	1.7	1.7	1.8	1.9	1.9
	25 [-3.9]	Total kBtu/h [kW]	16.6 [4.9]	16.6 [4.9]	16.4 [4.8]	15.6 [4.6]	15.6 [4.6]	15.4 [4.5]	14.6 [4.3]	14.6 [4.3]	14.4 [4.2]
		Power	1.5	1.6	1.6	1.7	1.7	1.7	1.9	1.9	1.9
	30 [-1.1]	Total kBtu/h [kW]	18.3 [5.4]	18.2 [5.3]	18.0 [5.3]	17.3 [5.1]	17.2 [5.0]	17.0 [5.0]	16.3 [4.8]	16.2 [4.7]	16.1 [4.7]
		Power	1.6	1.6	1.6	1.7	1.7	1.7	1.9	1.9	2.0
	35 [1.7]	Total kBtu/h [kW]	20.0 [5.9]	19.9 [5.8]	19.7 [5.8]	19.0 [5.6]	18.9 [5.5]	18.7 [5.5]	18.0 [5.3]	17.9 [5.2]	17.7 [5.2]
		Power	1.6	1.6	1.6	1.7	1.7	1.8	1.9	1.9	2.0
	40 [4.4]	Total kBtu/h [kW]	21.6 [6.3]	21.6 [6.3]	21.3 [6.2]	20.6 [6.0]	20.6 [6.0]	20.3 [5.9]	19.6 [5.7]	19.6 [5.7]	19.3 [5.7]
		Power	1.6	1.6	1.7	1.8	1.8	1.8	2.0	2.0	2.0
	45 [7.2]	Total kBtu/h [kW]	23.3 [6.8]	23.2 [6.8]	23.0 [6.7]	22.3 [6.5]	22.2 [6.5]	22.0 [6.4]	21.3 [6.2]	21.2 [6.2]	21.0 [6.2]
		Power	1.7	1.7	1.7	1.8	1.8	1.8	2.0	2.0	2.1
	50 [10]	Total kBtu/h [kW]	25.0 [7.3]	24.9 [7.3]	24.6 [7.2]	24.0 [7.0]	23.9 [7.0]	23.6 [6.9]	23.0 [6.7]	22.9 [6.7]	22.6 [6.6]
		Power	1.7	1.7	1.7	1.8	1.8	1.9	2.0	2.0	2.1

IDB —Indoor air dry bulb

HEATING PERFORMANCE DATA—RHPBYB030

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			1050 [496]	1000 [472]	825 [389]	1050 [496]	1000 [472]	825 [389]	1050 [496]	1000 [472]	825 [389]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total kBtu/h [kW]	10.3 [3.0]	10.3 [3.0]	10.2 [3.0]	9.6 [2.8]	9.6 [2.8]	9.4 [2.8]	8.8 [2.6]	8.8 [2.6]	8.7 [2.5]
		Power	1.7	1.7	1.7	1.9	1.9	1.9	2.1	2.1	2.2
	5 [-15]	Total kBtu/h [kW]	12.3 [3.6]	12.3 [3.6]	12.1 [3.5]	11.6 [3.4]	11.5 [3.4]	11.4 [3.3]	10.8 [3.2]	10.8 [3.2]	10.6 [3.1]
		Power	1.7	1.7	1.8	1.9	1.9	2.0	2.1	2.2	2.2
	10 [-12.2]	Total kBtu/h [kW]	14.3 [4.2]	14.2 [4.2]	14.0 [4.1]	13.5 [4.0]	13.5 [4.0]	13.3 [3.9]	12.8 [3.8]	12.7 [3.7]	12.6 [3.7]
		Power	1.7	1.8	1.8	1.9	1.9	2.0	2.2	2.2	2.2
	15 [-9.4]	Total kBtu/h [kW]	16.2 [4.7]	16.2 [4.7]	16.0 [4.7]	15.5 [4.5]	15.4 [4.5]	15.2 [4.5]	14.7 [4.3]	14.7 [4.3]	14.5 [4.2]
		Power	1.8	1.8	1.8	2.0	2.0	2.0	2.2	2.2	2.3
	20 [-6.7]	Total kBtu/h [kW]	18.2 [5.3]	18.1 [5.3]	17.9 [5.2]	17.4 [5.1]	17.4 [5.1]	17.2 [5.0]	16.7 [4.9]	16.6 [4.9]	16.4 [4.8]
		Power	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.3	2.3
	25 [-3.9]	Total kBtu/h [kW]	20.2 [5.9]	20.1 [5.9]	19.8 [5.8]	19.4 [5.7]	19.3 [5.7]	19.1 [5.6]	18.7 [5.5]	18.6 [5.5]	18.4 [5.4]
		Power	1.8	1.9	1.9	2.0	2.0	2.1	2.3	2.3	2.3
	30 [-1.1]	Total kBtu/h [kW]	22.1 [6.5]	22.0 [6.4]	21.8 [6.4]	21.4 [6.3]	21.3 [6.2]	21.0 [6.2]	20.6 [6.0]	20.5 [6.0]	20.3 [5.9]
		Power	1.9	1.9	1.9	2.1	2.1	2.1	2.3	2.3	2.4
	35 [1.7]	Total kBtu/h [kW]	24.1 [7.1]	24.0 [7.0]	23.7 [6.9]	23.3 [6.8]	23.3 [6.8]	23.0 [6.7]	22.6 [6.6]	22.5 [6.6]	22.2 [6.5]
		Power	1.9	1.9	2.0	2.1	2.1	2.2	2.3	2.4	2.4
	40 [4.4]	Total kBtu/h [kW]	26.1 [7.6]	26.0 [7.6]	25.6 [7.5]	25.3 [7.4]	25.2 [7.4]	24.9 [7.3]	24.5 [7.2]	24.5 [7.2]	24.2 [7.1]
		Power	1.9	2.0	2.0	2.1	2.2	2.2	2.4	2.4	2.4
	45 [7.2]	Total kBtu/h [kW]	28.0 [8.2]	27.9 [8.2]	27.6 [8.1]	27.3 [8.0]	27.2 [8.0]	26.8 [7.9]	26.5 [7.8]	26.4 [7.7]	26.1 [7.6]
		Power	2.0	2.0	2.0	2.2	2.2	2.2	2.4	2.4	2.5
	50 [10]	Total kBtu/h [kW]	30.0 [8.8]	29.9 [8.8]	29.5 [8.6]	29.2 [8.6]	29.1 [8.5]	28.8 [8.4]	28.5 [8.4]	28.4 [8.3]	28 [8.2]
		Power	2.0	2.0	2.1	2.2	2.2	2.3	2.4	2.5	2.5

IDB —Indoor air dry bulb

[ ] Designates Metric Conversions

HEATING PERFORMANCE DATA—RHPBYB036

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			1250 [590]	1200 [566]	975 [460]	1250 [590]	1200 [566]	975 [460]	1250 [590]	1200 [566]	975 [460]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total kBtu/h [kW] Power	11.4 [3.3] 2.0	11.4 [3.3] 2.1	11.2 [3.3] 2.1	10.2 [3.0] 2.3	10.2 [3.0] 2.3	10.0 [2.9] 2.4	9.0 [2.6] 2.6	8.9 [2.6] 2.6	8.8 [2.6] 2.7
	5 [-15]	Total kBtu/h [kW] Power	13.9 [4.1] 2.1	13.8 [4.0] 2.1	13.7 [4.0] 2.2	12.7 [3.7] 2.4	12.6 [3.7] 2.4	12.4 [3.6] 2.5	11.4 [3.3] 2.7	11.4 [3.3] 2.7	11.2 [3.3] 2.8
	10 [-12.2]	Total kBtu/h [kW] Power	16.3 [4.8] 2.2	16.3 [4.8] 2.2	16.1 [4.7] 2.2	15.1 [4.4] 2.4	15.1 [4.4] 2.5	14.9 [4.4] 2.5	13.9 [4.1] 2.7	13.8 [4.0] 2.8	13.7 [4.0] 2.8
	15 [-9.4]	Total kBtu/h [kW] Power	18.8 [5.5] 2.2	18.7 [5.5] 2.2	18.5 [5.4] 2.3	17.6 [5.2] 2.5	17.5 [5.1] 2.5	17.3 [5.1] 2.6	16.3 [4.8] 2.8	16.3 [4.8] 2.8	16.1 [4.7] 2.9
	20 [-6.7]	Total kBtu/h [kW] Power	21.3 [6.2] 2.3	21.2 [6.2] 2.3	20.9 [6.1] 2.3	20.0 [5.9] 2.5	20.0 [5.9] 2.6	19.7 [5.8] 2.6	18.8 [5.5] 2.8	18.7 [5.5] 2.9	18.5 [5.4] 2.9
	25 [-3.9]	Total kBtu/h [kW] Power	23.7 [6.9] 2.3	23.7 [6.9] 2.3	23.3 [6.8] 2.4	22.5 [6.6] 2.6	22.4 [6.6] 2.6	22.1 [6.5] 2.7	21.3 [6.2] 2.9	21.2 [6.2] 2.9	20.9 [6.1] 3.0
	30 [-1.1]	Total kBtu/h [kW] Power	26.2 [7.7] 2.4	26.1 [7.6] 2.4	25.8 [7.6] 2.4	25.0 [7.3] 2.7	24.9 [7.3] 2.7	24.5 [7.2] 2.7	23.7 [6.9] 3.0	23.7 [6.9] 3.0	23.3 [6.8] 3.0
	35 [1.7]	Total kBtu/h [kW] Power	28.6 [8.4] 2.4	28.6 [8.4] 2.4	28.2 [8.3] 2.5	27.4 [8.0] 2.7	27.3 [8.0] 2.7	2.07 [7.9] 2.8	26.2 [7.7] 3.0	26.1 [7.6] 3.0	25.8 [7.6] 3.1
	40 [4.4]	Total kBtu/h [kW] Power	31.1 [9.1] 2.5	31.0 [9.1] 2.5	30.6 [9.0] 2.5	29.9 [8.8] 2.8	29.8 [8.7] 2.8	29.4 [8.6] 2.8	28.6 [8.4] 3.1	28.6 [8.4] 3.1	28.2 [8.3] 3.2
	45 [7.2]	Total kBtu/h [kW] Power	33.6 [9.8] 2.5	33.5 [9.8] 2.5	33.0 [9.7] 2.6	32.3 [9.5] 2.8	32.2 [9.4] 2.8	31.8 [9.3] 2.9	31.1 [9.1] 3.1	31.0 [9.1] 3.1	30.6 [9.0] 3.2
	50 [10]	Total kBtu/h [kW] Power	36 [10.6] 2.6	35.9 [10.5] 2.6	35.4 [10.4] 2.7	34.8 [10.2] 2.9	34.7 [10.2] 2.9	34.2 [10.0] 3.0	33.6 [9.8] 3.2	33.5 [9.8] 3.2	33.0 [9.7] 3.3

IDB —Indoor air dry bulb

HEATING PERFORMANCE DATA—RHPBYB042

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			1475 [696]	1400 [661]	1150 [543]	1475 [696]	1400 [661]	1150 [543]	1475 [696]	1400 [661]	1150 [543]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total kBtu/h [kW] Power	13.9 [4.1] 2.7	13.9 [4.1] 2.7	13.7 [4.0] 2.7	12.9 [3.8] 2.9	12.9 [3.8] 3.0	12.7 [3.7] 3.0	12.0 [3.5] 3.3	11.9 [3.5] 3.3	11.8 [3.5] 3.4
	5 [-15]	Total kBtu/h [kW] Power	16.7 [4.9] 2.7	16.7 [4.9] 2.7	16.4 [4.8] 2.8	15.7 [4.6] 3.0	15.7 [4.6] 3.0	15.5 [4.5] 3.1	14.8 [4.3] 3.4	14.7 [4.3] 3.4	14.5 [4.2] 3.5
	10 [-12.2]	Total kBtu/h [kW] Power	19.5 [5.7] 2.8	19.5 [5.7] 2.8	19.2 [5.6] 2.8	18.5 [5.4] 3.0	18.5 [5.4] 3.1	18.2 [5.3] 3.1	17.6 [5.2] 3.4	17.5 [5.1] 3.4	17.3 [5.1] 3.5
	15 [-9.4]	Total kBtu/h [kW] Power	22.3 [6.5] 2.8	22.3 [6.5] 2.8	22.0 [6.4] 2.9	21.4 [6.3] 3.1	21.3 [6.2] 3.1	21.0 [6.2] 3.2	20.4 [6.0] 3.5	20.3 [5.9] 3.5	20.0 [5.9] 3.6
	20 [-6.7]	Total kBtu/h [kW] Power	25.1 [7.4] 2.8	25.1 [7.4] 2.9	24.7 [7.2] 2.9	24.2 [7.1] 3.1	24.1 [7.1] 3.1	23.8 [7.0] 3.2	23.2 [6.8] 3.5	23.1 [6.8] 3.5	22.8 [6.7] 3.6
	25 [-3.9]	Total kBtu/h [kW] Power	28.0 [8.2] 2.9	27.8 [8.1] 2.9	27.5 [8.1] 3.0	27.0 [7.9] 3.2	26.9 [7.9] 3.2	26.5 [7.8] 3.3	26.0 [7.6] 3.5	25.9 [7.6] 3.6	25.6 [7.5] 3.6
	30 [-1.1]	Total kBtu/h [kW] Power	30.8 [9.0] 2.9	30.6 [9.0] 3.0	30.3 [8.9] 3.0	29.8 [8.7] 3.2	29.7 [8.7] 3.2	29.3 [8.6] 3.3	28.8 [8.4] 3.6	28.7 [8.4] 3.6	28.3 [8.3] 3.7
	35 [1.7]	Total kBtu/h [kW] Power	33.6 [9.8] 3.0	33.4 [9.8] 3.0	33.0 [9.7] 3.1	32.6 [9.6] 3.3	32.5 [9.5] 3.3	32.0 [9.4] 3.4	31.6 [9.3] 3.6	31.5 [9.2] 3.7	31.1 [9.1] 3.7
	40 [4.4]	Total kBtu/h [kW] Power	36.4 [10.7] 3.0	36.2 [10.6] 3.0	35.8 [10.5] 3.1	35.4 [10.4] 3.3	35.3 [10.3] 3.3	34.8 [10.2] 3.4	34.4 [10.1] 3.7	34.3 [10.1] 3.7	33.8 [9.9] 3.8
	45 [7.2]	Total kBtu/h [kW] Power	39.2 [11.5] 3.1	39.0 [11.4] 3.1	38.5 [11.3] 3.2	38.2 [11.2] 3.3	38.1 [11.2] 3.4	37.6 [11.0] 3.4	37.2 [10.9] 3.7	37.1 [10.9] 3.7	36.6 [10.7] 3.8
	50 [10]	Total kBtu/h [kW] Power	42.0 [12.3] 3.1	41.8 [12.3] 3.1	41.3 [12.1] 3.2	41.0 [12.0] 3.4	40.9 [12.0] 3.4	40.3 [11.8] 3.5	40.0 [11.7] 3.8	39.9 [11.7] 3.8	39.4 [11.5] 3.9

IDB —Indoor air dry bulb

[ ] Designates Metric Conversions

HEATING PERFORMANCE DATA—RHPBYB048

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			1700 [802]	1600 [755]	1325 [625]	1700 [802]	1600 [755]	1325 [625]	1700 [802]	1600 [755]	1325 [625]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total kBtu/h [kW]	18.0 [5.3]	17.9 [5.2]	17.7 [5.2]	16.5 [4.8]	16.4 [4.8]	16.2 [4.7]	15.0 [4.4]	14.9 [4.4]	14.7 [4.3]
		Power	2.6	2.7	2.7	3.1	3.1	3.1	3.4	3.4	3.5
	5 [-15]	Total kBtu/h [kW]	21.1 [6.2]	21.0 [6.2]	20.7 [6.1]	19.6 [5.7]	19.5 [5.7]	19.3 [5.7]	18.1 [5.3]	18.0 [5.3]	17.8 [5.2]
		Power	2.7	2.7	2.8	3.1	3.2	3.2	3.4	3.5	3.5
	10 [-12.2]	Total kBtu/h [kW]	24.2 [7.1]	24.1 [7.1]	23.8 [7.0]	22.7 [6.7]	22.6 [6.6]	22.3 [6.5]	21.2 [6.2]	21.1 [6.2]	20.8 [6.1]
		Power	2.8	2.8	2.9	3.2	3.2	3.3	3.5	3.5	3.6
	15 [-9.4]	Total kBtu/h [kW]	27.3 [8.0]	27.1 [7.9]	26.8 [7.9]	25.8 [7.6]	25.7 [7.5]	25.3 [7.4]	24.3 [7.1]	24.2 [7.1]	23.9 [7.0]
		Power	2.9	2.9	3.0	3.3	3.3	3.4	3.6	3.6	3.7
	20 [-6.7]	Total kBtu/h [kW]	30.4 [8.9]	30.2 [8.9]	29.9 [8.8]	28.9 [8.5]	28.7 [8.4]	28.4 [8.3]	27.4 [8.0]	27.3 [8.0]	26.9 [7.9]
		Power	2.9	3.0	3.0	3.4	3.4	3.5	3.7	3.7	3.8
	25 [-3.9]	Total kBtu/h [kW]	33.5 [9.8]	33.3 [9.8]	32.9 [9.6]	32.0 [9.4]	31.8 [9.3]	31.4 [9.2]	30.5 [8.9]	30.3 [8.9]	30.0 [8.8]
		Power	3.0	3.0	3.1	3.4	3.5	3.5	3.7	3.8	3.8
	30 [-1.1]	Total kBtu/h [kW]	36.5 [10.7]	36.4 [10.7]	35.9 [10.5]	35.1 [10.3]	34.9 [10.2]	34.5 [10.1]	33.6 [9.8]	33.4 [9.8]	33.0 [9.7]
		Power	3.1	3.1	3.2	3.5	3.5	3.6	3.8	3.8	3.9
	35 [1.7]	Total kBtu/h [kW]	39.6 [11.6]	39.5 [11.6]	39.0 [11.4]	38.2 [11.2]	38.0 [11.1]	37.5 [11.0]	36.7 [10.8]	36.5 [10.7]	36.1 [10.6]
		Power	3.2	3.2	3.3	3.6	3.6	3.7	3.9	3.9	4.0
	40 [4.4]	Total kBtu/h [kW]	42.7 [12.5]	42.5 [12.5]	42.0 [12.3]	41.2 [12.1]	41.1 [12.0]	40.6 [11.9]	39.8 [11.7]	39.6 [11.6]	39.1 [11.5]
		Power	3.3	3.3	3.3	3.7	3.7	3.8	4.0	4.0	4.1
	45 [7.2]	Total kBtu/h [kW]	45.8 [13.4]	45.6 [13.4]	45.1 [13.2]	44.3 [13.0]	44.1 [12.9]	43.6 [12.8]	42.9 [12.6]	42.7 [12.5]	42.1 [12.3]
		Power	3.3	3.4	3.4	3.7	3.8	3.9	4.0	4.1	4.2
	50 [10]	Total kBtu/h [kW]	48.9 [14.3]	48.7 [14.3]	48.1 [14.1]	47.4 [13.9]	47.2 [13.8]	46.7 [13.7]	46.0 [13.5]	45.7 [13.4]	45.2 [13.2]
		Power	3.4	3.4	3.5	3.8	3.9	3.9	4.1	4.2	4.2

IDB —Indoor air dry bulb

HEATING PERFORMANCE DATA—RHPBYB060

IDB			60°F [15.5°C]			70°F [21.1°C]			80°F [26.7°C]		
CFM [L/s]			2125 [1003]	1900 [897]	1650 [779]	2125 [1003]	1900 [897]	1650 [779]	2125 [1003]	1900 [897]	1650 [779]
OUTDOOR DRY BULB TEMPERATURE °F [°C]	0 [-17.8]	Total kBtu/h [kW]	20.0 [5.9]	19.8 [5.8]	19.6 [5.7]	17.9 [5.2]	17.7 [5.2]	17.6 [5.2]	15.8 [4.6]	15.6 [4.6]	15.5 [4.5]
		Power	3.4	3.4	3.5	3.8	3.8	3.9	4.3	4.4	4.4
	5 [-15]	Total kBtu/h [kW]	24.2 [7.1]	23.9 [7.0]	23.7 [6.9]	22.0 [6.4]	21.9 [6.4]	21.6 [6.3]	19.9 [5.8]	19.8 [5.8]	19.6 [5.7]
		Power	3.5	3.5	3.6	3.9	3.9	4.0	4.4	4.5	4.5
	10 [-12.2]	Total kBtu/h [kW]	28.3 [8.3]	28.1 [8.2]	27.8 [8.1]	26.2 [7.7]	26.0 [7.6]	25.7 [7.5]	24.1 [7.1]	23.9 [7.0]	23.6 [6.9]
		Power	3.6	3.6	3.7	4.0	4.0	4.1	4.5	4.6	4.7
	15 [-9.4]	Total kBtu/h [kW]	32.5 [9.5]	32.2 [9.4]	31.9 [9.3]	30.3 [8.9]	30.1 [8.8]	29.8 [8.7]	28.2 [8.3]	28.0 [8.2]	27.7 [8.1]
		Power	3.7	3.7	3.8	4.1	4.1	4.2	4.6	4.7	4.8
	20 [-6.7]	Total kBtu/h [kW]	36.6 [10.7]	36.3 [10.6]	36.0 [10.6]	34.5 [10.1]	34.2 [10.0]	33.9 [9.9]	32.4 [9.5]	32.1 [9.4]	31.8 [9.3]
		Power	3.8	3.8	3.9	4.2	4.2	4.3	4.7	4.8	4.9
	25 [-3.9]	Total kBtu/h [kW]	40.8 [12.0]	40.4 [11.8]	40.0 [11.7]	38.6 [11.3]	38.3 [11.2]	38.0 [11.1]	36.5 [10.7]	36.2 [10.6]	35.9 [10.5]
		Power	3.9	3.9	4.0	4.3	4.4	4.4	4.8	4.9	5.0
	30 [-1.1]	Total kBtu/h [kW]	44.9 [13.2]	44.5 [13.0]	44.1 [12.9]	42.8 [12.5]	42.4 [12.4]	42.0 [12.3]	40.7 [11.9]	40.3 [11.8]	40.0 [11.7]
		Power	4.0	4.0	4.1	4.4	4.5	4.5	4.9	5.0	5.1
	35 [1.7]	Total kBtu/h [kW]	49.1 [14.4]	48.7 [14.3]	48.2 [14.1]	46.9 [13.7]	46.6 [13.7]	46.1 [13.5]	44.8 [13.1]	44.5 [13.0]	44.0 [12.9]
		Power	4.1	4.1	4.2	4.5	4.6	4.6	5.0	5.1	5.2
	40 [4.4]	Total kBtu/h [kW]	53.2 [15.6]	52.8 [15.5]	52.3 [15.3]	51.1 [15.0]	50.7 [14.9]	50.2 [14.7]	49.0 [14.4]	48.6 [14.2]	48.1 [14.1]
		Power	4.2	4.2	4.3	4.6	4.7	4.7	5.1	5.2	5.3
	45 [7.2]	Total kBtu/h [kW]	57.4 [16.8]	56.9 [16.7]	56.4 [16.5]	55.3 [16.2]	54.8 [16.1]	54.3 [15.9]	53.1 [15.6]	52.7 [15.4]	52.2 [15.3]
		Power	4.3	4.3	4.4	4.7	4.8	4.8	5.2	5.3	5.4
	50 [10]	Total kBtu/h [kW]	61.5 [18.0]	61.0 [17.9]	60.4 [17.7]	59.4 [17.4]	58.9 [17.3]	58.4 [17.1]	57.3 [16.8]	56.8 [16.6]	56.3 [16.5]
		Power	4.4	4.4	4.5	4.8	4.9	5.0	5.3	5.4	5.5

IDB —Indoor air dry bulb

[ ] Designates Metric Conversions

INDOOR AIRFLOW PERFORMANCE—RHPBYB—208/230V

Nominal Cooling Capacity Tons [kW]	Motor Speed from Factory		Manufacturer Recommended Cooling Airflow (Min/Max) [Tap 2 Only]	Blower Size / Motor HP [W] & # of Speeds	Motor Speed/Tap		External Static Pressure - Inches W.C. [kPa] (Side Discharge-Dry Coil)									
	Cool	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]	0.9 [.22]	1.0 [.25]
2.0 [7.03]	Tap 2	Tap 1	700 CFM/ 900 CFM	10X9 Blower 1/2 HP [372] 2 Speed (Constant Torque)	Tap 1 - Electric Heat/ Fan-Only	CFM	830	770	687	625	563	482	424	346	308	255
						RPM	461	542	636	691	759	832	885	951	981	1024
						Watts	57	65	75	81	88	95	101	108	111	116
					Tap 2 - High *	CFM	1151	1110	1064	1024	974	894	847	802	766	717
						RPM	559	616	681	736	799	874	917	970	1009	1057
						Watts	121	131	143	153	165	179	187	197	204	213
2.5 [2.79]	Tap 2	Tap 1	875 CFM/ 1125 CFM	10X9 Blower 1/2 HP [372] 2 Speed (Constant Torque)	Tap 1 - Electric Heat/ Fan-Only	CFM	1111	1060	1011	957	888	798	756	710	659	604
						RPM	529	592	654	719	794	860	906	956	1006	1060
						Watts	101	111	122	133	146	156	164	172	181	190
					Tap 2 - High *	CFM	1302	1258	1217	1178	1137	1087	1018	933	893	862
						RPM	588	644	698	749	804	865	934	992	1034	1071
						Watts	152	164	176	188	200	214	229	242	251	260
3.0 [10.55]	Tap 2	Tap 1	1050 CFM/ 1350 CFM	12x9 Blower 3/4 HP [559] 2 Speed (Constant Torque)	Tap 1 - Electric Heat/ Fan-Only	CFM	1288	1232	1179	1116	1049	1008	937	854	795	743
						RPM	471	524	577	639	706	741	801	854	898	935
						Watts	125	137	149	163	178	186	200	212	222	231
					Tap 2 - High *	CFM	1570	1527	1483	1433	1386	1336	1280	1237	1206	1142
						RPM	547	584	625	675	722	772	832	873	900	951
						Watts	210	222	236	252	267	284	303	317	326	343
3.5 [12.31]	Tap 2	Tap 1	1225 CFM/ 1575 CFM	12x9 Blower 3/4 HP [559] 2 Speed (Constant Torque)	Tap 1 - Electric Heat/ Fan-Only	CFM	1523	1481	1438	1395	1351	1302	1259	1218	1168	1097
						RPM	546	589	627	671	719	769	819	852	897	937
						Watts	206	219	232	246	262	278	294	307	320	336
					Tap 2 - High *	CFM	1702	1663	1623	1584	1549	1505	1464	1427	1382	1354
						RPM	591	628	668	705	744	787	836	876	915	932
						Watts	275	290	306	321	336	354	373	389	407	418
4.0 [14.07]	Tap 2	Tap 1	1400 CFM/ 1800 CFM	12x9 Blower 3/4 HP [559] 2 Speed (Constant Torque)	Tap 1 - Electric Heat/ Fan-Only	CFM	1780	1733	1694	1620	1563	1512	1462	1380	1333	1290
						RPM	626	661	698	735	772	815	859	919	956	986
						Watts	311	326	342	358	374	391	410	436	452	465
					Tap 2 - High *	CFM	1780	1733	1694	1620	1563	1512	1462	1380	1333	1290
						RPM	626	661	698	735	772	815	859	919	956	986
						Watts	311	326	342	358	374	391	410	436	452	465
5.0 [17.59]	Tap 2	Tap 1	1750 CFM/ 2250 CFM	12x9 Blower 1 HP [746] 2 Speed (Constant Torque)	Tap 1 - Electric Heat/ Fan-Only	CFM	1445	1400	1358	1313	1264	1201	1162	1124	1088	1030
						RPM	572	615	658	701	755	818	858	891	916	962
						Watts	196	209	222	235	251	271	283	293	301	315
					Tap 2 - High *	CFM	2076	2042	2017	1984	1956	1922	1890	1856	1826	1800
						RPM	747	777	805	839	868	901	935	967	1000	1030
						Watts	505	523	539	559	576	596	616	635	655	674

NOTES: (1) * Use motor tap 2 to achieve rated airflow at AHRI minimum external static pressure.

DOWN DISCHARGE PRESSURE DROP (ADD TO EXTERNAL STATIC PRESSURE)							
CFM [L/s]	800 [378]	1000 [472]	1200 [566]	1400 [661]	1600 [755]	1800 [849]	2000 [944]
Pressure Drop—Includes W.C. [kPa]	.02 [.005]	.05 [.012]	.07 [.017]	.1 [.025]	.12 [.030]	.15 [.037]	.17 [.042]

[ ] Designates Metric Conversions

ELECTRICAL DATA - RHPBYB SERIES

		024AJT	030ACT	030AJT	036ACT	036AJT	042ACT
Unit Information	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
	Phase	1	3	1	3	1	3
	Hz	60	60	60	60	60	60
	Minimum Circuit Ampacity	20	18	22	23	29	25
	Minimum Overcurrent Protection	25	25	25	30	35	30
	Maximum Overcurrent Protection	30	25	30	35	45	35
Compressor Motor	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	3	1	3	1	3
	Amps (RLA), Comp. 1	11.4	9.6	12.7	12.2	16.7	12.8
	Amps (LRA), Comp. 1	64.4	70	75.6	97.5	93.5	102.8
	Amps (RLA), Comp. 2	N/A	N/A	N/A	N/A	N/A	N/A
	Amps (LRA), Comp. 2	N/A	N/A	N/A	N/A	N/A	N/A
Condenser Motor	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1
	HP	1/3	1/3	1/3	1/3	1/3	1/2
	Amps (FLA, each)	1.65	1.65	1.65	1.65	1.65	2.7
	Amps (LRA, each)	3.5	3.5	3.5	3.5	3.5	3.8
Evaporator Fan	No.	1	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1	1
	HP	1/2	1/2	1/2	3/4	3/4	3/4
	Amps (FLA, each)	4.1	4.1	4.1	6	6	6
	Amps (LRA, each)	0	0	0	0	0	0

ELECTRICAL DATA - RHPBYB SERIES

		042AJT	048ACT	048AJT	060ACT	060AJT
Unit Information	Unit Operating Voltage Range	187-253	187-253	187-253	187-253	187-253
	Volts	208/230	208/230	208/230	208/230	208/230
	Phase	1	3	1	3	1
	Hz	60	60	60	60	60
	Minimum Circuit Ampacity	31	25	37	31	40
	Minimum Overcurrent Protection	35	30	45	35	50
	Maximum Overcurrent Protection	45	35	50	45	60
Compressor Motor	No.	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230
	Phase	1	3	1	3	1
	Amps (RLA), Comp. 1	17.3	12.8	22.4	16	23.7
	Amps (LRA), Comp. 1	123	123	126	156.4	157
	Amps (RLA), Comp. 2	N/A	N/A	N/A	N/A	N/A
	Amps (LRA), Comp. 2	N/A	N/A	N/A	N/A	N/A
Condenser Motor	No.	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1
	HP	1/2	1/2	1/2	1/2	1/2
	Amps (FLA, each)	2.7	2.7	2.7	2.7	2.7
	Amps (LRA, each)	3.8	3.8	3.8	3.8	3.8
Evaporator Fan	No.	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230
	Phase	1	1	1	1	1
	HP	3/4	3/4	3/4	1	1
	Amps (FLA, each)	6	6	6	7.4	7.4
	Amps (LRA, each)	0	0	0	0	0

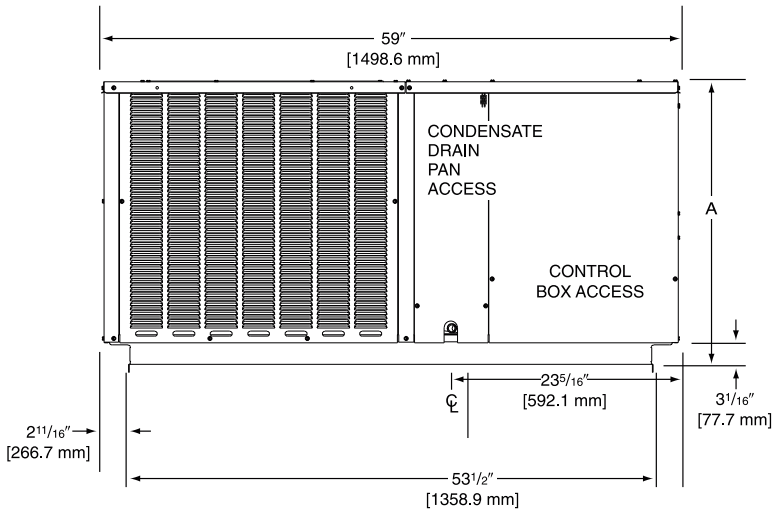
208/230 VOLT, SINGLE PHASE, 60 Hz, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION

Single Power Supply for Both Unit and Heater Kit								Separate Power Supply for Both Unit and Heater Kit				
Model Number	Heater Kit				Air Conditioner			Heater Kit		Air Conditioner		
	RXQJ- Heater Kit Nominal kW	Rated Heater kW @ Rated Voltage	Heater MBH @ Rated Voltage	Heater Amp. @ Rated Voltage	Unit Min. Ckt. Ampacity @ Rated Voltage	Overcurrent Protective Device		Min. Ckt. Ampacity @ Rated Voltage	Max. Fuse Size @ Rated Voltage	Min. Circuit Ampacity @ Rated Voltage	Overcurrent Protective Device	
						Min./Max. @ Min Voltage	Min./Max. @ Max Voltage				Min./Max. @ Min Voltage	Min./Max. @ Max Voltage
RHPBYB024AJT	NONE*	—/—	—/—	—/—	20/20	25/30	25/30	—	—	20/20	25/30	25/30
	C05J	3.6/4.8	12.28/16.38	17.3/20.0	42/45	45/45	45/50	22/25	25/25	20/20	25/30	25/30
	C07J	5.4/7.2	18.42/24.56	26.0/30.0	53/58	60/60	60/60	33/38	35/40	20/20	25/30	25/30
	C10J	7.2/9.6	24.56/32.75	34.6/40.0	64/70	70/70	70/70	44/50	45/50	20/20	25/30	25/30
RHPBYB030AJT	NONE*	—/—	—/—	—/—	22/22	25/30	25/30	—	—	22/22	25/30	25/30
	C05J	3.6/4.8	12.28/16.38	17.3/20.0	44/47	45/50	50/50	22/25	25/25	22/22	25/30	25/30
	C07J	5.4/7.2	18.42/24.56	26.0/30.0	55/60	60/60	60/60	33/38	35/40	22/22	25/30	25/30
	C10J	7.2/9.6	24.56/32.75	34.6/40.0	65/72	70/70	80/80	44/50	45/50	22/22	25/30	25/30
	C15J	10.8/14.4	36.84/49.13	51.9/60.0	87/97	90/90	100/100	65/75	70/80	22/22	25/30	25/30
RHPBYB036AJT	NONE*	—/—	—/—	—/—	29/29	35/45	35/45	—	—	29/29	35/45	35/45
	C05J	3.6/4.8	12.28/16.38	17.3/20.0	51/54	60/60	60/60	22/25	25/25	29/29	35/45	35/45
	C07J	5.4/7.2	18.42/24.56	26.0/30.0	62/67	70/70	70/70	33/38	35/40	29/29	35/45	35/45
	C10J	7.2/9.6	24.56/32.75	34.6/40.0	72/79	80/80	80/80	44/50	45/50	29/29	35/45	35/45
	C15J	10.8/14.4	36.84/49.13	51.9/60.0	94/104	100/100	110/110	65/75	70/80	29/29	35/45	35/45
RHPBYB042AJT	NONE*	—/—	—/—	—/—	31/31	35/45	35/45	—	—	31/31	35/45	35/45
	C05J	3.6/4.8	12.28/16.38	17.3/20.0	52/56	60/60	60/60	22/25	25/25	31/31	35/45	35/45
	C07J	5.4/7.2	18.42/24.56	26.0/30.0	63/68	70/70	70/70	33/38	35/40	31/31	35/45	35/45
	C10J	7.2/9.6	24.56/32.75	34.6/40.0	74/81	80/80	90/90	44/50	45/50	31/31	35/45	35/45
	C15J	10.8/14.4	36.84/49.13	51.9/60.0	96/106	100/100	110/110	65/75	70/80	31/31	35/45	35/45
	C20J	14.4/19.2	49.13/65.50	69.3/80.0	117/131	125/125	150/150	87/100	90/100	31/31	35/45	35/45
RHPBYB048AJT	NONE*	—/—	—/—	—/—	37/37	45/50	45/50	—	—	37/37	45/50	45/50
	C05J	3.6/4.8	12.28/16.38	17.3/20.0	59/62	60/70	70/70	22/25	25/25	37/37	45/50	45/50
	C07J	5.4/7.2	18.42/24.56	26.0/30.0	70/75	70/80	80/80	33/38	35/40	37/37	45/50	45/50
	C10J	7.2/9.6	24.56/32.75	34.6/40.0	80/87	80/90	90/90	44/50	45/50	37/37	45/50	45/50
	C15J	10.8/14.4	36.84/49.13	51.9/60.0	102/112	110/110	125/125	65/75	70/80	37/37	45/50	45/50
	C20C	14.4/19.2	49.13/65.50	69.3/80.0	124/137	125/125	150/150	87/100	90/100	37/37	45/50	45/50
RHPBYB060AJT	NONE*	—/—	—/—	—/—	40/40	50/60	50/60	—	—	40/40	50/60	50/60
	C05J	3.6/4.8	12.28/16.38	17.3/20.0	62/65	70/80	70/80	22/25	25/25	40/40	50/60	50/60
	C07J	5.4/7.2	18.42/24.56	26.0/30.0	73/78	80/80	80/90	33/38	35/40	40/40	50/60	50/60
	C10J	7.2/9.6	24.56/32.75	34.6/40.0	83/90	90/90	90/100	44/50	45/50	40/40	50/60	50/60
	C15J	10.8/14.4	36.84/49.13	51.9/60.0	105/115	110/110	125/125	65/75	70/80	40/40	50/60	50/60
	C20J	14.4/19.2	49.13/65.50	69.3/80.0	127/140	150/150	150/150	87/100	90/100	40/40	50/60	50/60

208/230 VOLT, THREE PHASE, 60 Hz, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION

Single Power Supply for Both Unit and Heater Kit								Separate Power Supply for Both Unit and Heater Kit				
Model Number	Heater Kit				Air Conditioner			Heater Kit		Air Conditioner		
	RXQJ- Heater Kit Nominal kW	Rated Heater kW @ Rated Voltage	Heater MBH @ Rated Voltage	Heater Amp. @ Rated Voltage	Unit Min. Ckt. Ampacity @ Rated Voltage	Overcurrent Protective Device		Min. Ckt. Ampacity @ Rated Voltage	Max. Fuse Size @ Rated Voltage	Min. Circuit Ampacity @ Rated Voltage	Overcurrent Protective Device	
						Min./Max. @ Min Voltage	Min./Max. @ Max Voltage				Min./Max. @ Min Voltage	Min./Max. @ Max Voltage
RHPBYB030ACT	NONE*	—/—	—/—	—/—	18/18	25/25	25/25	—	—	18/18	25/25	25/25
	C10C	7.2/9.6	24.56/32.75	20.0/23.1	43/47	45/45	50/50	25/29	25/30	18/18	25/25	25/25
	C15C	10.8/14.4	36.84/49.13	30.0/34.6	56/61	60/60	70/70	38/44	40/45	18/18	25/25	25/25
RHPBYB036ACT	NONE*	—/—	—/—	—/—	23/23	30/35	30/35	—	—	23/23	30/35	30/35
	C10C	7.2/9.6	24.56/32.75	20.0/23.1	48/52	50/50	60/60	25/29	25/30	23/23	30/35	30/35
	C15C	10.8/14.4	36.84/49.13	30.0/34.6	61/67	70/70	70/70	38/44	40/45	23/23	30/35	30/35
RHPBYB042ACT	NONE*	—/—	—/—	—/—	25/25	30/35	30/35	—	—	25/25	30/35	30/35
	C10C	7.2/9.6	24.56/32.75	20.0/23.1	50/54	50/50	60/60	25/29	25/30	25/25	30/35	30/35
	C15C	10.8/14.4	36.84/49.13	30.0/34.6	63/68	70/70	70/70	38/44	40/45	25/25	30/35	30/35
	C20C	14.4/19.2	49.13/65.50	40.0/46.2	75/83	80/80	90/90	50/58	50/60	25/25	30/35	30/35
RHPBYB048ACT	NONE*	—/—	—/—	—/—	25/25	30/35	30/35	—	—	25/25	30/35	30/35
	C10C	7.2/9.6	24.56/32.75	20.0/23.1	50/54	50/50	60/60	25/29	25/30	25/25	30/35	30/35
	C15C	10.8/14.4	36.84/49.13	30.0/34.6	63/68	70/70	70/70	38/44	40/45	25/25	30/35	30/35
	C20C	14.4/19.2	49.13/65.50	40.0/46.2	75/83	80/80	90/90	50/58	50/60	25/25	30/35	30/35
RHPBYB060ACT	NONE*	—/—	—/—	—/—	31/31	35/45	35/45	—	—	31/31	35/45	35/45
	C10C	7.2/9.6	24.56/32.75	20.0/23.1	56/59	60/60	60/60	25/29	25/30	31/31	35/45	35/45
	C15C	10.8/14.4	36.84/49.13	30.0/34.6	68/74	70/70	80/80	38/44	40/45	31/31	35/45	35/45
	C20C	14.4/19.2	49.13/65.50	40.0/46.2	81/88	90/90	90/90	50/58	50/60	31/31	35/45	35/45

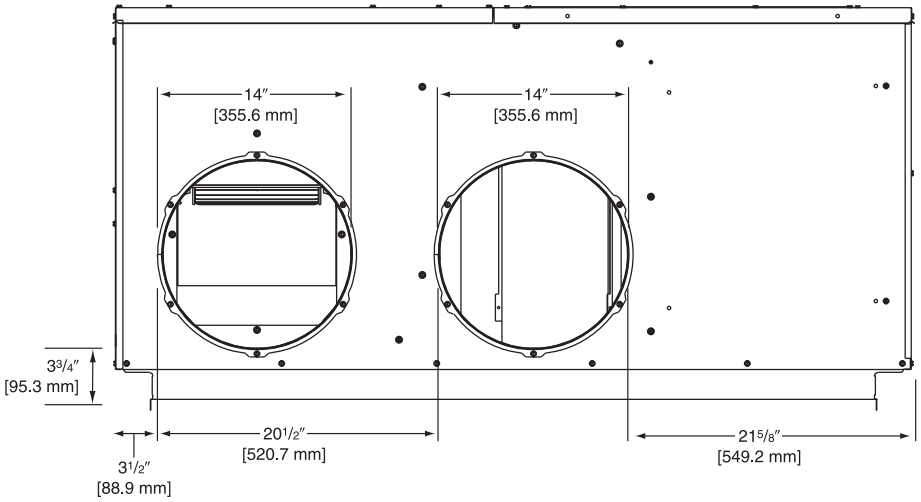
FRONT VIEW



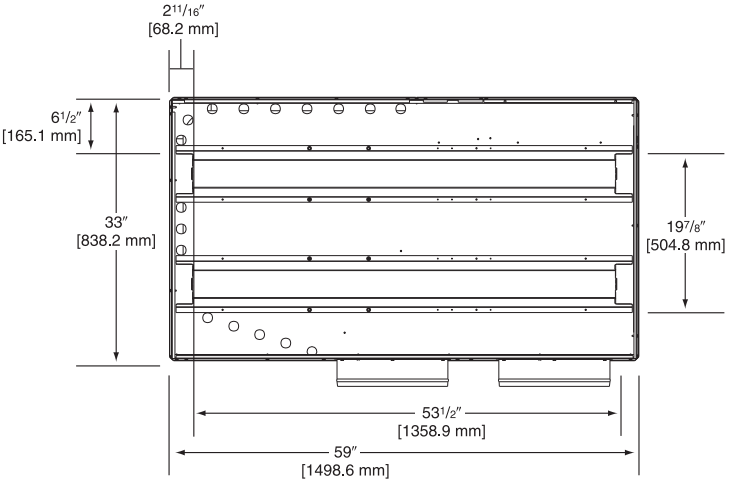
DIMENSIONS

Model	Height “A”
024, 030	29 1/8"
036, 042, 048, 060	37 1/8"

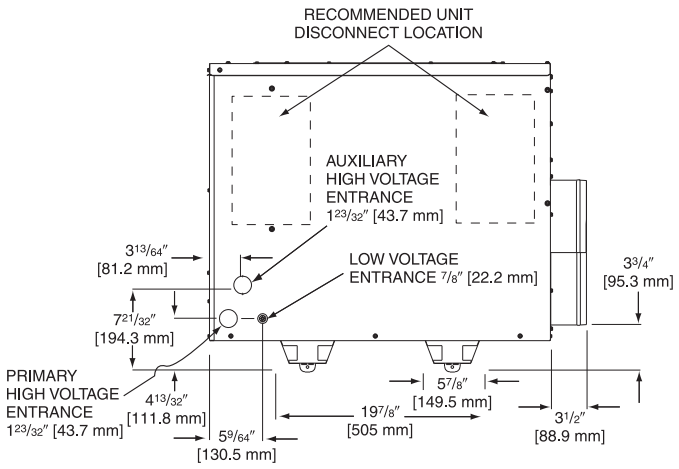
REAR VIEW



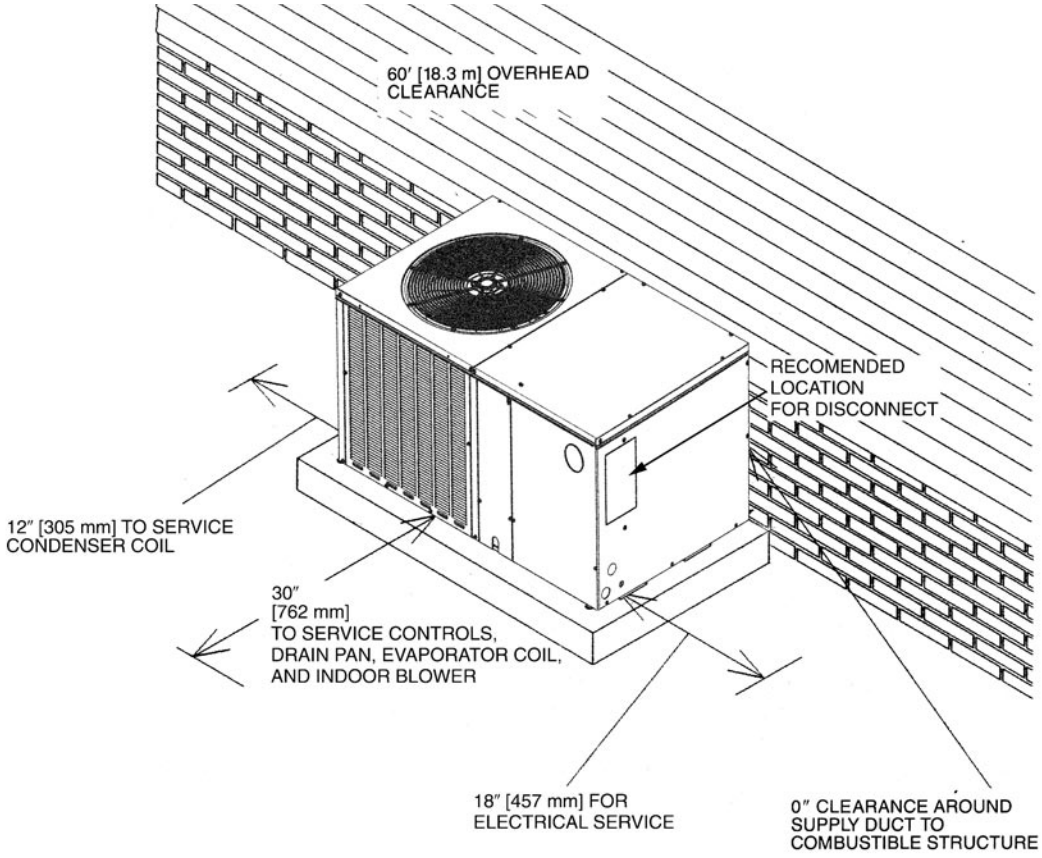
BOTTOM VIEW

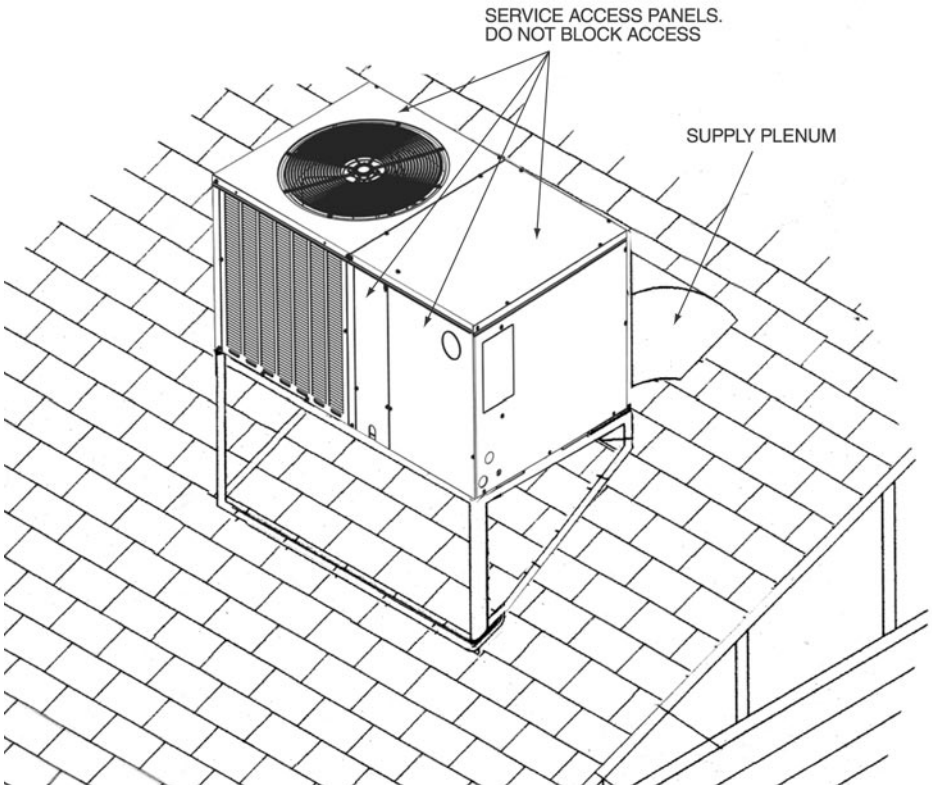


ELECTRICAL CONNECTIONS



[ ] Designates Metric Conversions





[ ] Designates Metric Conversions

engineered for life™

GENERAL TERMS OF LIMITED WARRANTY*

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

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

Parts

Residential Applications (Registration Required).....Ten (10) Years
Commercial Applications .....One (1) Year

Compressor

1 Phase, Residential Applications.....Ten (10) Years
1 & 3 Phase, Commercial Applications .....Five (5) Years

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.

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

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