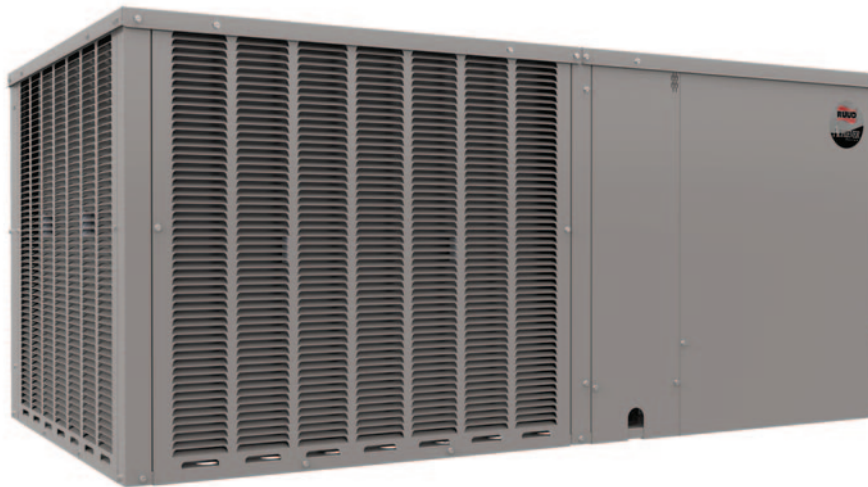




Endeavor® Line *Achiever*® Series iR Residential Packaged Dedicated Horizontal Heat Pump



RHPBYB Series

Nominal Sizes: 2 – 5 Tons [7.0 – 17.6 kW]

Cooling Efficiency: 13.4 SEER2

Heating Efficiency: 6.7 HSPF2

Refrigerant Type: R-454B



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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 from 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
- **Designing for Sustainability with Low GWP:** For 2025, the Environmental Protection Agency (EPA) has set a global warming potential (GWP) limit of 700 for refrigerant used in heating and cooling systems. This new requirement will result in a 78%¹ lower GWP than previous-generation refrigerants with only minimal changes to system installation. For us, this is another step toward our continued sustainability goal of reducing greenhouse gas emissions, while still delivering an exceptional level of energy efficient, dependable comfort

¹When comparing the GWP of A2L refrigerants R-454B to R-410A refrigerant.

Heat Pumps

<u>R</u>	<u>HP</u>	<u>B</u>	<u>Y</u>	<u>B</u>	<u>024</u>	<u>A</u>	<u>J</u>	<u>T</u>	<u>00</u>	<u>0</u>	<u>N</u>	<u>A</u>
Brand	Product Category	Platform	Refrigerant	Tier	Capacity BTU/HR	Major Series	Voltage	Drive	Electric Heat	Electric Heat Configuration	Control	Minor Series
R - Ruud	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 Performance¹				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]	19,896 [5.83]	25,209 [7.39]	25,209 [7.39]	30,349 [8.89]
Net Latent Capacity Btu/h [kW]	5,233 [1.53]	4,704 [1.38]	4,704 [1.38]	7,243 [2.12]
Net System Power kW	2.15	2.69	2.69	3.23
Heating Performance (Heat Pumps)³				
High Temp. Btu/h [kW] Rating	22,560 [6.61]	28,200 [8.26]	28,200 [8.26]	33,840 [9.92]
High Temp. System Power COP	3.59	3.69	3.69	3.56
Low Temp. Btu/h [kW] Rating	12,750 [3.74]	16,300 [4.78]	16,300 [4.78]	18,800 [5.51]
Low Temp. System Power COP	2.37	2.31	2.31	2.23
HSPF2 (Btu/h/Watts-hr)	6.7	6.7	6.7	6.7
Compressor				
No./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]	20.58 [1.91]	20.58 [1.91]	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]	3200 [1510]	3200 [1510]	3200 [1510]	3500 [1652]
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]	1/11x9 [279x229]
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	Field Supplied	Field Supplied	Field Supplied	Field Supplied
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]	104.5 [2963]	153 [4337]	153 [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 Performance¹				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]	30,349 [8.89]	32,680 [9.58]	32,680 [9.58]	37,374 [10.95]
Net Latent Capacity Btu/h [kW]	7,243 [2.12]	8,944 [2.62]	8,944 [2.62]	12,956 [3.8]
Net System Power kW	3.23	3.76	3.76	4.3
Heating Performance (Heat Pumps)³				
High Temp. Btu/h [kW] Rating	33,840 [9.92]	39,480 [11.57]	39,480 [11.57]	45,120 [13.22]
High Temp. System Power COP	3.56	3.47	3.47	3.47
Low Temp. Btu/h [kW] Rating	18,800 [5.51]	22,700 [6.65]	22,700 [6.65]	26,250 [7.69]
Low Temp. System Power COP	2.23	2.13	2.13	2.32
HSPF2 (Btu/h/Watts-hr)	6.7	6.7	6.7	6.7
Compressor				
No./Type	1/1/Scroll	1/1/Scroll	1/1/Scroll	1/1/Scroll
Outdoor Sound Rating (dB)⁴	76	85	85	85
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]	26.9 [2.5]	26.9 [2.5]	26.9 [2.5]
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]	3500 [1652]	4400 [2077]	4400 [2077]	4400 [2077]
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]	1/11x9 [279x229]	1/11x9 [279x229]	1/11x9 [279x229]	1/11x9 [279x229]
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	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]
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	048AJT	060ACT	060AJT
Cooling Performance¹			
Nominal Cooling Capacity Btu/h [kW]	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
Nominal CFM/AHRI Rated CFM [L/s]	1604/1600 [757/755]	1906/1900 [900/897]	1906/1900 [900/897]
AHRI Net Cooling Capacity Btu/h [kW]	46,000 [13.48]	57,000 [16.7]	57,000 [16.7]
Net Sensible Capacity Btu/h [kW]	37,374 [10.95]	45,155 [13.23]	45,155 [13.23]
Net Latent Capacity Btu/h [kW]	12,956 [3.8]	14,210 [4.16]	14,210 [4.16]
Net System Power kW	4.3	5.38	5.38
Heating Performance (Heat Pumps)³			
High Temp. Btu/h [kW] Rating	45,120 [13.22]	56,400 [16.53]	56,400 [16.53]
High Temp. System Power COP	3.47	3.41	3.41
Low Temp. Btu/h [kW] Rating	26,250 [7.69]	31,400 [9.2]	31,400 [9.2]
Low Temp. System Power COP	2.32	2.14	2.14
HSPF2 (Btu/h/Watts-hr)	6.7	6.7	6.7
Compressor			
No./Type	1/1/Scroll	1/1/Scroll	1/1/Scroll
Outdoor Sound Rating (dB)⁴			
	85	79	79
Outdoor Coil—Fin Type			
Tube Type	Louvered	Louvered	Louvered
	Rifled	Rifled	Rifled
Rifled: Tube Size OD or MicroChannel: Depth in. [mm]	0.375 [9.53]	0.375 [9.53]	0.375 [9.53]
Face Area sq. ft. [sq. m]	26.9 [2.5]	32.39 [3.01]	32.39 [3.01]
Rows / FPI [FPcm]	2 / 18 [7]	2 / 18 [7]	2 / 18 [7]
Indoor Coil - Fin Type			
Tube Type	Louvered	Louvered	Louvered
	Rifled	Rifled	Rifled
Rifled: Tube Size OD or MicroChannel: Depth in. [mm]	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]
Rows / FPI [FPcm]	3 / 13 [5]	4 / 13 [5]	4 / 13 [5]
Refrigerant Control	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]
Outdoor Fan - Type			
	Propeller	Propeller	Propeller
No. Used/Diameter in. [mm]	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
CFM [L/s]	4400 [2077]	4500 [2124]	4500 [2124]
No. Motors/HP	1 at 1/2	1 at 1/2	1 at 1/2
Motor RPM	1075	1075	1075
Indoor Fan - Type			
	FC Centrifugal	FC Centrifugal	FC Centrifugal
No. Used/Diameter in. [mm]	1/11x9 [279x229]	1/11x9 [279x229]	1/11x9 [279x229]
Drive Type	Direct	Direct	Direct
No. Speeds	Multiple Speed	Multiple Speed	Multiple Speed
No. Motors	1	1	1
Motor HP	3/4	1	1
Motor RPM	1050	1050	1050
Motor Frame Size	48	48	48
Filter - Type			
Furnished	Field Supplied	Field Supplied	Field Supplied
	No	No	No
(NO.) Size Recommended in. [mm x mm x mm]	(1) 1x24x24 [25x610x610]	(1) 1x24x24 [25x610x610]	(1) 1x24x24 [25x610x610]
Refrigerant Charge Oz. [g]			
	156.5 [4437]	206.2 [5846]	206.2 [5846]
Weights			
Net Weight lbs. [kg]	397 [180]	429 [195]	429 [195]
Ship Weight lbs. [kg]	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 $\pm 20\%$ 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. 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] Sens kBtu/h [kW] Power	29.9 [8.8] 18.1 [5.3] 1.7	28.9 [8.5] 16.6 [4.9] 1.7	28.5 [8.4] 15.9 [4.7] 1.6	28.5 [8.4] 22.7 [6.7] 1.7	27.6 [8.1] 20.9 [6.1] 1.7	27.1 [7.9] 19.9 [5.8] 1.6	27.2 [8.0] 27.2 [8.0] 1.7	26.3 [7.7] 25.1 [7.4] 1.7	25.8 [7.6] 24.0 [7.0] 1.6
	80 [26.7]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	29.3 [8.6] 18.0 [5.3] 1.8	28.3 [8.3] 16.5 [4.8] 1.8	27.8 [8.1] 15.8 [4.6] 1.7	27.9 [8.2] 22.5 [6.6] 1.8	27.0 [7.9] 20.7 [6.1] 1.8	26.5 [7.8] 19.8 [5.8] 1.8	26.5 [7.8] 26.5 [7.8] 1.8	25.6 [7.5] 24.9 [7.3] 1.8	25.2 [7.4] 23.9 [7.0] 1.7
	85 [29.4]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	28.6 [8.4] 17.8 [5.2] 1.9	27.7 [8.1] 16.4 [4.8] 1.9	27.2 [8.0] 15.7 [4.6] 1.8	27.3 [8.0] 22.4 [6.6] 1.9	26.4 [7.7] 20.6 [6.0] 1.9	25.9 [7.6] 19.7 [5.8] 1.9	25.9 [7.6] 25.9 [7.6] 1.9	25.0 [7.3] 24.8 [7.3] 1.9	24.6 [7.2] 23.7 [6.9] 1.8
	90 [32.2]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	28.0 [8.2] 17.7 [5.2] 2.0	27.1 [7.9] 16.3 [4.8] 2.0	26.6 [7.8] 15.6 [4.6] 1.9	26.6 [7.8] 22.3 [6.5] 2.0	25.7 [7.5] 20.5 [6.0] 2.0	25.3 [7.4] 19.6 [5.7] 2.0	25.2 [7.4] 25.2 [7.4] 2.0	24.4 [7.2] 24.4 [7.2] 2.0	24.0 [7.0] 23.6 [6.9] 1.9
	95 [35]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	27.3 [8.0] 17.5 [5.1] 2.1	26.4 [7.7] 16.1 [4.7] 2.1	26.0 [7.6] 15.4 [4.5] 2.1	26.0 [7.6] 22.1 [6.5] 2.1	25.1 [7.4] 20.3 [5.9] 2.1	24.7 [7.2] 19.5 [5.7] 2.1	24.6 [7.2] 24.6 [7.2] 2.1	23.8 [7.0] 23.8 [7.0] 2.1	23.4 [6.9] 23.4 [6.9] 2.0
	100 [37.8]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	26.7 [7.8] 17.4 [5.1] 2.2	25.8 [7.6] 16.0 [4.7] 2.2	25.4 [7.4] 15.3 [4.5] 2.2	25.3 [7.4] 22.0 [6.4] 2.2	24.5 [7.2] 20.2 [5.9] 2.2	24.1 [7.1] 19.3 [5.7] 2.2	23.9 [7.0] 23.9 [7.0] 2.2	23.1 [6.8] 23.1 [6.8] 2.2	22.7 [6.7] 22.7 [6.7] 2.2
	105 [40.6]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	26.0 [7.6] 17.3 [5.1] 2.3	25.2 [7.4] 15.9 [4.7] 2.3	24.8 [7.3] 15.2 [4.5] 2.3	24.7 [7.2] 21.9 [6.4] 2.3	23.8 [7.0] 20.1 [5.9] 2.3	23.4 [6.9] 19.2 [5.6] 2.3	23.3 [6.8] 23.3 [6.8] 2.3	22.5 [6.6] 22.5 [6.6] 2.3	22.1 [6.5] 22.1 [6.5] 2.3
	110 [43.3]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	25.4 [7.4] 17.1 [5.0] 2.4	24.6 [7.2] 15.8 [4.6] 2.4	24.1 [7.1] 15.1 [4.4] 2.4	24.0 [7.0] 21.7 [6.4] 2.4	23.2 [6.8] 20.0 [5.9] 2.4	22.8 [6.7] 19.1 [5.6] 2.4	22.6 [6.6] 22.6 [6.6] 2.4	21.9 [6.4] 21.9 [6.4] 2.4	21.5 [6.3] 21.5 [6.3] 2.4
	115 [46.1]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	24.7 [7.2] 17.0 [5.0] 2.5	23.9 [7.0] 15.6 [4.6] 2.5	23.5 [6.9] 14.9 [4.4] 2.5	23.4 [6.9] 21.6 [6.3] 2.5	22.6 [6.6] 19.8 [5.8] 2.5	22.2 [6.5] 19.0 [5.6] 2.5	22.0 [6.4] 22.0 [6.4] 2.5	21.3 [6.2] 21.3 [6.2] 2.5	20.9 [6.1] 20.9 [6.1] 2.5
	120 [48.9]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	24.1 [7.1] 16.9 [5.0] 2.6	23.3 [6.8] 15.5 [4.5] 2.6	22.9 [6.7] 14.8 [4.3] 2.6	22.7 [6.7] 21.4 [6.3] 2.6	22.0 [6.4] 19.7 [5.8] 2.6	21.6 [6.3] 18.9 [5.5] 2.6	21.3 [6.2] 21.3 [6.2] 2.6	20.6 [6.0] 20.6 [6.0] 2.6	20.3 [5.9] 20.3 [5.9] 2.6
	125 [51.7]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	23.5 [6.9] 16.7 [4.9] 2.7	22.7 [6.7] 15.4 [4.5] 2.7	22.3 [6.5] 14.7 [4.3] 2.7	22.1 [6.5] 21.3 [6.2] 2.7	21.3 [6.2] 19.6 [5.7] 2.7	21.0 [6.2] 18.7 [5.5] 2.7	20.7 [6.1] 20.7 [6.1] 2.7	20.0 [5.9] 20.0 [5.9] 2.7	19.7 [5.8] 19.7 [5.8] 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] Sens kBtu/h [kW] Power	35.9 [10.5] 22.3 [6.5] 2.0	35.1 [10.3] 21.0 [6.2] 2.0	34.3 [10.1] 19.8 [5.8] 1.9	34.2 [10.0] 27.4 [8.0] 2.0	33.5 [9.8] 25.9 [7.6] 2.0	32.7 [9.6] 24.4 [7.2] 1.9	32.6 [9.6] 30.8 [9.0] 2.0	31.9 [9.3] 29.1 [8.5] 1.9	31.1 [9.1] 27.4 [8.0] 1.9
	80 [26.7]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	35.0 [10.3] 21.8 [6.4] 2.1	34.2 [10.0] 20.6 [6.0] 2.1	33.4 [9.8] 19.4 [5.7] 2.1	33.4 [9.8] 27.0 [7.9] 2.1	32.6 [9.6] 25.5 [7.5] 2.1	31.9 [9.3] 24.0 [7.0] 2.1	31.7 [9.3] 30.4 [8.9] 2.1	31.0 [9.1] 28.7 [8.4] 2.1	30.3 [8.9] 27.1 [7.9] 2.0
	85 [29.4]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	34.1 [10.0] 21.5 [6.3] 2.2	33.4 [9.8] 20.3 [5.9] 2.2	32.6 [9.6] 19.1 [5.6] 2.2	32.5 [9.5] 26.7 [7.8] 2.2	31.8 [9.3] 25.2 [7.4] 2.2	31.0 [9.1] 23.7 [6.9] 2.2	30.8 [9.0] 30.1 [8.8] 2.2	30.2 [8.9] 28.4 [8.3] 2.2	29.5 [8.6] 26.8 [7.9] 2.2
	90 [32.2]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	33.2 [9.7] 21.2 [6.2] 2.3	32.5 [9.5] 20.1 [5.9] 2.3	31.8 [9.3] 18.9 [5.5] 2.3	31.6 [9.3] 26.4 [7.7] 2.3	30.9 [9.1] 24.9 [7.3] 2.3	30.2 [8.9] 23.5 [6.9] 2.3	30.0 [8.8] 29.8 [8.7] 2.3	29.3 [8.6] 28.2 [8.3] 2.3	28.6 [8.4] 26.5 [7.8] 2.3
	95 [35]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	32.4 [9.5] 21.0 [6.2] 2.5	31.6 [9.3] 19.8 [5.8] 2.4	30.9 [9.1] 18.7 [5.5] 2.4	30.7 [9.0] 26.2 [7.7] 2.5	30.0 [8.8] 24.7 [7.2] 2.4	29.4 [8.6] 23.3 [6.8] 2.4	29.1 [8.5] 29.1 [8.5] 2.4	28.4 [8.3] 28.0 [8.2] 2.4	27.8 [8.1] 26.3 [7.7] 2.4
	100 [37.8]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	31.5 [9.2] 20.8 [6.1] 2.6	30.8 [9.0] 19.7 [5.8] 2.6	30.1 [8.8] 18.5 [5.4] 2.5	29.8 [8.7] 26.0 [7.6] 2.6	29.2 [8.6] 24.6 [7.2] 2.6	28.5 [8.4] 23.1 [6.8] 2.5	28.2 [8.3] 28.2 [8.3] 2.6	27.6 [8.1] 27.6 [8.1] 2.5	26.9 [7.9] 26.2 [7.7] 2.5
	105 [40.6]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	30.6 [9.0] 20.8 [6.1] 2.7	29.9 [8.8] 19.6 [5.7] 2.7	29.2 [8.6] 18.5 [5.4] 2.6	29.0 [8.5] 25.9 [7.6] 2.7	28.3 [8.3] 24.5 [7.2] 2.7	27.7 [8.1] 23.1 [6.8] 2.6	27.3 [8.0] 27.3 [8.0] 2.7	26.7 [7.8] 26.7 [7.8] 2.7	26.1 [7.6] 26.1 [7.6] 2.6
	110 [43.3]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	29.7 [8.7] 20.7 [6.1] 2.8	29.1 [8.5] 19.6 [5.7] 2.8	28.4 [8.3] 18.4 [5.4] 2.8	28.1 [8.2] 25.9 [7.6] 2.8	27.5 [8.1] 24.5 [7.2] 2.8	26.8 [7.9] 23.0 [6.7] 2.8	26.4 [7.7] 26.4 [7.7] 2.8	25.9 [7.6] 25.9 [7.6] 2.8	25.3 [7.4] 25.3 [7.4] 2.7
	115 [46.1]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	28.8 [8.4] 20.8 [6.1] 2.9	28.2 [8.3] 19.6 [5.7] 2.9	27.6 [8.1] 18.5 [5.4] 2.9	27.2 [8.0] 25.9 [7.6] 2.9	26.6 [7.8] 24.5 [7.2] 2.9	26.0 [7.6] 23.1 [6.8] 2.9	25.6 [7.5] 25.6 [7.5] 2.9	25.0 [7.3] 25.0 [7.3] 2.9	24.4 [7.2] 24.4 [7.2] 2.9
	120 [48.9]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	28.0 [8.2] 20.9 [6.1] 3.1	27.3 [8.0] 19.7 [5.8] 3.0	26.7 [7.8] 18.6 [5.5] 3.0	26.3 [7.7] 26.0 [7.6] 3.1	25.7 [7.5] 24.6 [7.2] 3.0	25.2 [7.4] 23.2 [6.8] 3.0	24.7 [7.2] 24.7 [7.2] 3.0	24.1 [7.1] 24.1 [7.1] 3.0	23.6 [6.9] 23.6 [6.9] 3.0
125 [51.7]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	27.1 [7.9] 21.0 [6.2] 3.2	26.5 [7.8] 19.9 [5.8] 3.1	25.9 [7.6] 18.7 [5.5] 3.1	25.5 [7.5] 25.5 [7.5] 3.2	24.9 [7.3] 24.7 [7.2] 3.1	24.3 [7.1] 23.3 [6.8] 3.1	23.8 [7.0] 23.8 [7.0] 3.2	23.3 [6.8] 23.3 [6.8] 3.1	22.8 [6.7] 22.8 [6.7] 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 $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

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

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

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

[] 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] Sens kBtu/h [kW] Power	73.4 [21.5] 44.3 [13.0] 4.2	71.3 [20.9] 41.3 [12.1] 4.2	70.0 [20.5] 39.3 [11.5] 4.1	69.1 [20.3] 50.6 [14.8] 4.2	67.2 [19.7] 47.1 [13.8] 4.2	65.9 [19.3] 44.8 [13.1] 4.1	64.9 [19.0] 56.9 [16.7] 4.2	63.1 [18.5] 53.0 [15.5] 4.1	61.9 [18.1] 50.4 [14.8] 4.1
	80 [26.7]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	71.1 [20.8] 43.2 [12.7] 4.5	69.1 [20.3] 40.3 [11.8] 4.4	67.8 [19.9] 38.3 [11.2] 4.4	66.9 [19.6] 49.5 [14.5] 4.5	65.0 [19.1] 46.1 [13.5] 4.4	63.8 [18.7] 43.8 [12.8] 4.4	62.7 [18.4] 55.8 [16.4] 4.4	60.9 [17.8] 51.9 [15.2] 4.4	59.7 [17.5] 49.4 [14.5] 4.3
	85 [29.4]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	68.8 [20.2] 42.1 [12.3] 4.7	66.9 [19.6] 39.2 [11.5] 4.7	65.6 [19.2] 37.3 [10.9] 4.6	64.6 [18.9] 48.4 [14.2] 4.7	62.8 [18.4] 45.1 [13.2] 4.7	61.6 [18.1] 42.9 [12.6] 4.6	60.4 [17.7] 54.7 [16.0] 4.7	58.7 [17.2] 50.9 [14.9] 4.6	57.6 [16.9] 48.4 [14.2] 4.6
	90 [32.2]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	66.6 [19.5] 41.1 [12.0] 5.0	64.7 [19.0] 38.2 [11.2] 4.9	63.5 [18.6] 36.4 [10.7] 4.9	62.4 [18.3] 47.3 [13.9] 5.0	60.6 [17.8] 44.1 [12.9] 4.9	59.5 [17.4] 41.9 [12.3] 4.8	58.1 [17.0] 53.6 [15.7] 4.9	56.5 [16.6] 49.9 [14.6] 4.9	55.4 [16.2] 47.5 [13.9] 4.8
	95 [35]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	64.3 [18.8] 40.0 [11.7] 5.2	62.5 [18.3] 37.2 [10.9] 5.2	61.3 [18.0] 35.4 [10.4] 5.1	60.1 [17.6] 46.2 [13.5] 5.2	58.4 [17.1] 43.1 [12.6] 5.1	57.3 [16.8] 40.9 [12.0] 5.1	55.9 [16.4] 52.5 [15.4] 5.2	54.3 [15.9] 48.9 [14.3] 5.1	53.3 [15.6] 46.5 [13.6] 5.0
	100 [37.8]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	62.0 [18.2] 38.9 [11.4] 5.5	60.3 [17.7] 36.2 [10.6] 5.4	59.2 [17.4] 34.4 [10.1] 5.3	57.8 [16.9] 45.1 [13.2] 5.4	56.2 [16.5] 42.0 [12.3] 5.4	55.1 [16.1] 40.0 [11.7] 5.3	53.6 [15.7] 51.4 [15.1] 5.4	52.1 [15.3] 47.9 [14.0] 5.3	51.1 [15.0] 45.5 [13.3] 5.3
	105 [40.6]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	59.8 [17.5] 37.8 [11.1] 5.7	58.1 [17.0] 35.2 [10.3] 5.6	57.0 [16.7] 33.5 [9.8] 5.6	55.6 [16.3] 44.0 [12.9] 5.7	54.0 [15.8] 41.0 [12.0] 5.6	53.0 [15.5] 39.0 [11.4] 5.6	51.3 [15.0] 50.3 [14.7] 5.7	49.9 [14.6] 46.9 [13.7] 5.6	49.0 [14.4] 44.6 [13.1] 5.5
	110 [43.3]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	57.5 [16.9] 36.7 [10.8] 6.0	55.9 [16.4] 34.2 [10.0] 5.9	54.8 [16.1] 32.5 [9.5] 5.8	53.3 [15.6] 43.0 [12.6] 5.9	51.8 [15.2] 40.0 [11.7] 5.9	50.8 [14.9] 38.0 [11.1] 5.8	49.1 [14.4] 49.1 [14.4] 5.9	47.7 [14.0] 45.8 [13.4] 5.8	46.8 [13.7] 43.6 [12.8] 5.8
	115 [46.1]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	55.3 [16.2] 35.6 [10.4] 6.2	53.7 [15.7] 33.2 [9.7] 6.1	52.7 [15.4] 31.5 [9.2] 6.1	51.0 [14.9] 41.9 [12.3] 6.2	49.6 [14.5] 39.0 [11.4] 6.1	48.7 [14.3] 37.1 [10.9] 6.0	46.8 [13.7] 46.8 [13.7] 6.1	45.5 [13.3] 44.8 [13.1] 6.1	44.6 [13.1] 42.6 [12.5] 6.0
	120 [48.9]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	53.0 [15.5] 34.5 [10.1] 6.4	51.5 [15.1] 32.1 [9.4] 6.4	50.5 [14.8] 30.6 [9.0] 6.3	48.8 [14.3] 40.8 [12.0] 6.4	47.4 [13.9] 38.0 [11.1] 6.3	46.5 [13.6] 36.1 [10.6] 6.3	44.5 [13.0] 44.5 [13.0] 6.4	43.3 [12.7] 43.3 [12.7] 6.3	42.5 [12.5] 41.7 [12.2] 6.2
	125 [51.7]	Total kBtu/h [kW] Sens kBtu/h [kW] Power	50.7 [14.9] 33.4 [9.8] 6.7	49.3 [14.4] 31.1 [9.1] 6.6	48.4 [14.2] 29.6 [8.7] 6.5	46.5 [13.6] 39.7 [11.6] 6.7	45.2 [13.2] 37.0 [10.8] 6.6	44.3 [13.0] 35.1 [10.3] 6.5	42.3 [12.4] 42.3 [12.4] 6.6	41.1 [12.0] 41.1 [12.0] 6.5	40.3 [11.8] 40.3 [11.8] 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 $[1.10 \times \text{CFM} \times (1 - \text{DR}) \times (\text{dbE} - 80)]$.

[] 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] Power	8.3 [2.4] 1.4	8.3 [2.4] 1.4	8.2 [2.4] 1.4	7.3 [2.1] 1.5	7.3 [2.1] 1.5	7.2 [2.1] 1.6	6.3 [1.8] 1.7	6.3 [1.8] 1.7
	5 [-15]	Total kBtu/h [kW] Power	10.0 [2.9] 1.4	9.9 [2.9] 1.4	9.8 [2.9] 1.5	9.0 [2.6] 1.5	8.9 [2.6] 1.6	8.8 [2.6] 1.6	8.0 [2.3] 1.7	7.9 [2.3] 1.8
	10 [-12.2]	Total kBtu/h [kW] Power	11.6 [3.4] 1.4	11.6 [3.4] 1.5	11.4 [3.3] 1.5	10.6 [3.1] 1.6	10.6 [3.1] 1.6	10.5 [3.1] 1.6	9.6 [2.8] 1.8	9.6 [2.8] 1.8
	15 [-9.4]	Total kBtu/h [kW] Power	13.3 [3.9] 1.5	13.2 [3.9] 1.5	13.1 [3.8] 1.5	12.3 [3.6] 1.6	12.2 [3.6] 1.6	12.1 [3.5] 1.7	11.3 [3.3] 1.8	11.3 [3.3] 1.9
	20 [-6.7]	Total kBtu/h [kW] Power	15.0 [4.4] 1.5	14.9 [4.4] 1.5	14.7 [4.3] 1.5	14.0 [4.1] 1.6	13.9 [4.1] 1.7	13.8 [4.0] 1.7	13.0 [3.8] 1.8	12.9 [3.8] 1.9
	25 [-3.9]	Total kBtu/h [kW] Power	16.6 [4.9] 1.5	16.6 [4.9] 1.6	16.4 [4.8] 1.6	15.6 [4.6] 1.7	15.6 [4.6] 1.7	15.4 [4.5] 1.7	14.6 [4.3] 1.9	14.6 [4.3] 1.9
	30 [-1.1]	Total kBtu/h [kW] Power	18.3 [5.4] 1.6	18.2 [5.3] 1.6	18.0 [5.3] 1.6	17.3 [5.1] 1.7	17.2 [5.0] 1.7	17.0 [5.0] 1.7	16.3 [4.8] 1.9	16.2 [4.7] 1.9
	35 [1.7]	Total kBtu/h [kW] Power	20.0 [5.9] 1.6	19.9 [5.8] 1.6	19.7 [5.8] 1.6	19.0 [5.6] 1.7	18.9 [5.5] 1.7	18.7 [5.5] 1.8	18.0 [5.3] 1.9	17.9 [5.2] 1.9
	40 [4.4]	Total kBtu/h [kW] Power	21.6 [6.3] 1.6	21.6 [6.3] 1.6	21.3 [6.2] 1.7	20.6 [6.0] 1.8	20.6 [6.0] 1.8	20.3 [5.9] 1.8	19.6 [5.7] 2.0	19.6 [5.7] 2.0
	45 [7.2]	Total kBtu/h [kW] Power	23.3 [6.8] 1.7	23.2 [6.8] 1.7	23.0 [6.7] 1.7	22.3 [6.5] 1.8	22.2 [6.5] 1.8	22.0 [6.4] 1.8	21.3 [6.2] 2.0	21.2 [6.2] 2.0
	50 [10]	Total kBtu/h [kW] Power	25.0 [7.3] 1.7	24.9 [7.3] 1.7	24.6 [7.2] 1.7	24.0 [7.0] 1.8	23.9 [7.0] 1.8	23.6 [6.9] 1.9	23.0 [6.7] 2.0	22.9 [6.7] 2.0

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] Power	10.3 [3.0] 1.7	10.3 [3.0] 1.7	10.2 [3.0] 1.7	9.6 [2.8] 1.9	9.6 [2.8] 1.9	9.4 [2.8] 1.9	8.8 [2.6] 2.1	8.7 [2.5] 2.2
	5 [-15]	Total kBtu/h [kW] Power	12.3 [3.6] 1.7	12.3 [3.6] 1.7	12.1 [3.5] 1.8	11.6 [3.4] 1.9	11.5 [3.4] 1.9	11.4 [3.3] 2.0	10.8 [3.2] 2.1	10.6 [3.1] 2.2
	10 [-12.2]	Total kBtu/h [kW] Power	14.3 [4.2] 1.7	14.2 [4.2] 1.8	14.0 [4.1] 1.8	13.5 [4.0] 1.9	13.5 [4.0] 1.9	13.3 [3.9] 2.0	12.8 [3.8] 2.2	12.6 [3.7] 2.2
	15 [-9.4]	Total kBtu/h [kW] Power	16.2 [4.7] 1.8	16.2 [4.7] 1.8	16.0 [4.7] 1.8	15.5 [4.5] 2.0	15.4 [4.5] 2.0	15.2 [4.5] 2.0	14.7 [4.3] 2.2	14.5 [4.2] 2.3
	20 [-6.7]	Total kBtu/h [kW] Power	18.2 [5.3] 1.8	18.1 [5.3] 1.8	17.9 [5.2] 1.9	17.4 [5.1] 2.0	17.4 [5.1] 2.0	17.2 [5.0] 2.1	16.7 [4.9] 2.2	16.6 [4.9] 2.3
	25 [-3.9]	Total kBtu/h [kW] Power	20.2 [5.9] 1.8	20.1 [5.9] 1.9	19.8 [5.8] 1.9	19.4 [5.7] 2.0	19.3 [5.7] 2.0	19.1 [5.6] 2.1	18.7 [5.5] 2.3	18.4 [5.4] 2.3
	30 [-1.1]	Total kBtu/h [kW] Power	22.1 [6.5] 1.9	22.0 [6.4] 1.9	21.8 [6.4] 1.9	21.4 [6.3] 2.1	21.3 [6.2] 2.1	21.0 [6.2] 2.1	20.6 [6.0] 2.3	20.3 [5.9] 2.4
	35 [1.7]	Total kBtu/h [kW] Power	24.1 [7.1] 1.9	24.0 [7.0] 1.9	23.7 [6.9] 2.0	23.3 [6.8] 2.1	23.3 [6.8] 2.1	23.0 [6.7] 2.2	22.6 [6.6] 2.3	22.5 [6.6] 2.4
	40 [4.4]	Total kBtu/h [kW] Power	26.1 [7.6] 1.9	26.0 [7.6] 2.0	25.6 [7.5] 2.0	25.3 [7.4] 2.1	25.2 [7.4] 2.2	24.9 [7.3] 2.2	24.5 [7.2] 2.4	24.5 [7.2] 2.4
	45 [7.2]	Total kBtu/h [kW] Power	28.0 [8.2] 2.0	27.9 [8.2] 2.0	27.6 [8.1] 2.0	27.3 [8.0] 2.2	27.2 [8.0] 2.2	26.8 [7.9] 2.2	26.5 [7.8] 2.4	26.4 [7.7] 2.4
	50 [10]	Total kBtu/h [kW] Power	30.0 [8.8] 2.0	29.9 [8.8] 2.0	29.5 [8.6] 2.1	29.2 [8.6] 2.2	29.1 [8.5] 2.2	28.8 [8.4] 2.3	28.5 [8.4] 2.4	28 [8.2] 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	8.8 [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	11.2 [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	13.7 [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	16.1 [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	18.5 [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	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	23.3 [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] 3.1
	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
	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
	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

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	11.8 [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	14.5 [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	17.3 [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] 3.6
	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
	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
	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
	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
	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
	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
	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

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] Power	18.0 [5.3] 2.6	17.9 [5.2] 2.7	17.7 [5.2] 2.7	16.5 [4.8] 3.1	16.4 [4.8] 3.1	16.2 [4.7] 3.1	15.0 [4.4] 3.4	14.9 [4.4] 3.4	14.7 [4.3] 3.5
	5 [-15]	Total kBtu/h [kW] Power	21.1 [6.2] 2.7	21.0 [6.2] 2.7	20.7 [6.1] 2.8	19.6 [5.7] 3.1	19.5 [5.7] 3.2	19.3 [5.7] 3.2	18.1 [5.3] 3.4	18.0 [5.3] 3.5	17.8 [5.2] 3.5
	10 [-12.2]	Total kBtu/h [kW] Power	24.2 [7.1] 2.8	24.1 [7.1] 2.8	23.8 [7.0] 2.9	22.7 [6.7] 3.2	22.6 [6.6] 3.2	22.3 [6.5] 3.3	21.2 [6.2] 3.5	21.1 [6.2] 3.5	20.8 [6.1] 3.6
	15 [-9.4]	Total kBtu/h [kW] Power	27.3 [8.0] 2.9	27.1 [7.9] 2.9	26.8 [7.9] 3.0	25.8 [7.6] 3.3	25.7 [7.5] 3.3	25.3 [7.4] 3.4	24.3 [7.1] 3.6	24.2 [7.1] 3.6	23.9 [7.0] 3.7
	20 [-6.7]	Total kBtu/h [kW] Power	30.4 [8.9] 2.9	30.2 [8.9] 3.0	29.9 [8.8] 3.0	28.9 [8.5] 3.4	28.7 [8.4] 3.4	28.4 [8.3] 3.5	27.4 [8.0] 3.7	27.3 [8.0] 3.7	26.9 [7.9] 3.8
	25 [-3.9]	Total kBtu/h [kW] Power	33.5 [9.8] 3.0	33.3 [9.8] 3.0	32.9 [9.6] 3.1	32.0 [9.4] 3.4	31.8 [9.3] 3.5	31.4 [9.2] 3.5	30.5 [8.9] 3.7	30.3 [8.9] 3.8	30.0 [8.8] 3.8
	30 [-1.1]	Total kBtu/h [kW] Power	36.5 [10.7] 3.1	36.4 [10.7] 3.1	35.9 [10.5] 3.2	35.1 [10.3] 3.5	34.9 [10.2] 3.5	34.5 [10.1] 3.6	33.6 [9.8] 3.8	33.4 [9.8] 3.8	33.0 [9.7] 3.9
	35 [1.7]	Total kBtu/h [kW] Power	39.6 [11.6] 3.2	39.5 [11.6] 3.2	39.0 [11.4] 3.3	38.2 [11.2] 3.6	38.0 [11.1] 3.6	37.5 [11.0] 3.7	36.7 [10.8] 3.9	36.5 [10.7] 3.9	36.1 [10.6] 4.0
	40 [4.4]	Total kBtu/h [kW] Power	42.7 [12.5] 3.3	42.5 [12.5] 3.3	42.0 [12.3] 3.3	41.2 [12.1] 3.7	41.1 [12.0] 3.7	40.6 [11.9] 3.8	39.8 [11.7] 4.0	39.6 [11.6] 4.0	39.1 [11.5] 4.1
	45 [7.2]	Total kBtu/h [kW] Power	45.8 [13.4] 3.3	45.6 [13.4] 3.4	45.1 [13.2] 3.4	44.3 [13.0] 3.7	44.1 [12.9] 3.8	43.6 [12.8] 3.9	42.9 [12.6] 4.0	42.7 [12.5] 4.1	42.1 [12.3] 4.2
50 [10]	Total kBtu/h [kW] Power	48.9 [14.3] 3.4	48.7 [14.3] 3.4	48.1 [14.1] 3.5	47.4 [13.9] 3.8	47.2 [13.8] 3.9	46.7 [13.7] 3.9	46.0 [13.5] 4.1	45.7 [13.4] 4.2	45.2 [13.2] 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] Power	20.0 [5.9] 3.4	19.8 [5.8] 3.4	19.6 [5.7] 3.5	17.9 [5.2] 3.8	17.7 [5.2] 3.8	17.6 [5.2] 3.9	15.8 [4.6] 4.3	15.6 [4.6] 4.4	15.5 [4.5] 4.4
	5 [-15]	Total kBtu/h [kW] Power	24.2 [7.1] 3.5	23.9 [7.0] 3.5	23.7 [6.9] 3.6	22.0 [6.4] 3.9	21.9 [6.4] 3.9	21.6 [6.3] 4.0	19.9 [5.8] 4.4	19.8 [5.8] 4.5	19.6 [5.7] 4.5
	10 [-12.2]	Total kBtu/h [kW] Power	28.3 [8.3] 3.6	28.1 [8.2] 3.6	27.8 [8.1] 3.7	26.2 [7.7] 4.0	26.0 [7.6] 4.0	25.7 [7.5] 4.1	24.1 [7.1] 4.5	23.9 [7.0] 4.6	23.6 [6.9] 4.7
	15 [-9.4]	Total kBtu/h [kW] Power	32.5 [9.5] 3.7	32.2 [9.4] 3.7	31.9 [9.3] 3.8	30.3 [8.9] 4.1	30.1 [8.8] 4.1	29.8 [8.7] 4.2	28.2 [8.3] 4.6	28.0 [8.2] 4.7	27.7 [8.1] 4.8
	20 [-6.7]	Total kBtu/h [kW] Power	36.6 [10.7] 3.8	36.3 [10.6] 3.8	36.0 [10.6] 3.9	34.5 [10.1] 4.2	34.2 [10.0] 4.2	33.9 [9.9] 4.3	32.4 [9.5] 4.7	32.1 [9.4] 4.8	31.8 [9.3] 4.9
	25 [-3.9]	Total kBtu/h [kW] Power	40.8 [12.0] 3.9	40.4 [11.8] 3.9	40.0 [11.7] 4.0	38.6 [11.3] 4.3	38.3 [11.2] 4.4	38.0 [11.1] 4.4	36.5 [10.7] 4.8	36.2 [10.6] 4.9	35.9 [10.5] 5.0
	30 [-1.1]	Total kBtu/h [kW] Power	44.9 [13.2] 4.0	44.5 [13.0] 4.0	44.1 [12.9] 4.1	42.8 [12.5] 4.4	42.4 [12.4] 4.5	42.0 [12.3] 4.5	40.7 [11.9] 4.9	40.3 [11.8] 5.0	40.0 [11.7] 5.1
	35 [1.7]	Total kBtu/h [kW] Power	49.1 [14.4] 4.1	48.7 [14.3] 4.1	48.2 [14.1] 4.2	46.9 [13.7] 4.5	46.6 [13.7] 4.6	46.1 [13.5] 4.6	44.8 [13.1] 5.0	44.5 [13.0] 5.1	44.0 [12.9] 5.2
	40 [4.4]	Total kBtu/h [kW] Power	53.2 [15.6] 4.2	52.8 [15.5] 4.2	52.3 [15.3] 4.3	51.1 [15.0] 4.6	50.7 [14.9] 4.7	50.2 [14.7] 4.7	49.0 [14.4] 5.1	48.6 [14.2] 5.2	48.1 [14.1] 5.3
	45 [7.2]	Total kBtu/h [kW] Power	57.4 [16.8] 4.3	56.9 [16.7] 4.3	56.4 [16.5] 4.4	55.3 [16.2] 4.7	54.8 [16.1] 4.8	54.3 [15.9] 4.8	53.1 [15.6] 5.2	52.7 [15.4] 5.3	52.2 [15.3] 5.4
50 [10]	Total kBtu/h [kW] Power	61.5 [18.0] 4.4	61.0 [17.9] 4.4	60.4 [17.7] 4.5	59.4 [17.4] 4.8	58.9 [17.3] 4.9	58.4 [17.1] 5.0	57.3 [16.8] 5.3	56.8 [16.6] 5.4	56.3 [16.5] 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 - Low Electric Heat/ Fan-Only	CFM	882	818	759	650	577	512	433	368	304	241		
						RPM	457	533	600	693	750	818	876	931	972	1015		
	Tap 2	Tap 1			Tap 2 - High *	Watts	63	71	78	89	94	102	109	115	120	124		
						CFM	—	—	—	—	1021	920	859	830	780	728		
2.5 [2.79]	Tap 2	Tap 1	875 CFM/ 1125 CFM	10X9 Blower 1/2 HP [372] 2 Speed (Constant Torque)	Tap 1 - Low Electric Heat/ Fan-Only	RPM	—	—	—	—	864	909	946	996	1040			
					Tap 2 - High *	Watts	—	—	—	—	165	181	189	196	205	213		
	Tap 2	Tap 1			Tap 1 - Low Electric Heat/ Fan-Only	CFM	1143	1088	1043	989	878	836	798	750	706	656		
						RPM	519	591	657	721	818	857	898	952	998	1049		
3.0 [10.55]	Tap 2	Tap 1	1050 CFM/ 1350 CFM	12x9 Blower 3/4 HP [559] 2 Speed (Constant Torque)	Tap 1 - Low Electric Heat/ Fan-Only	Watts	107	119	129	140	156	162	169	178	186	194		
					Tap 2 - High *	CFM	—	—	—	1224	1182	1028	989	957	922			
	Tap 2	Tap 1			Tap 1 - Low Electric Heat/ Fan-Only	RPM	—	—	—	749	806	871	954	1026	1062			
					Tap 2 - High *	Watts	—	—	—	199	211	244	252	260	269			
3.5 [12.31]	Tap 2	Tap 1	1225 CFM/ 1575 CFM	12x9 Blower 3/4 HP [559] 2 Speed (Constant Torque)	Tap 1 - Low Electric Heat/ Fan-Only	CFM	1287	1212	1136	1080	1011	945	882	826	769	669		
					Tap 2 - High *	RPM	451	504	572	623	681	733	775	838	877	941		
	Tap 2	Tap 1			Tap 1 - Low Electric Heat/ Fan-Only	Watts	121	135	151	162	174	185	193	209	219	233		
					Tap 2 - High *	CFM	—	—	1454	1387	1286	1233	1186	1139	1103			
4.0 [14.07]	Tap 2	Tap 1	1400 CFM/ 1800 CFM	12x9 Blower 3/4 HP [559] 2 Speed (Constant Torque)	Tap 1 - Low Electric Heat/ Fan-Only	RPM	—	—	612	673	715	763	808	852	889	914		
					Tap 2 - High *	Watts	—	—	235	254	268	283	298	313	324	334		
	Tap 2	Tap 1			Tap 1 - Low Electric Heat/ Fan-Only	CFM	1592	1526	1479	1426	1361	1307	1250	1202	1147	1101		
					Tap 2 - High *	RPM	514	561	598	640	693	744	798	835	873	911		
5.0 [17.59]	Tap 2	Tap 1	1750 CFM/ 2250 CFM	12x9 Blower 1 HP [746] 2 Speed (Constant Torque)	Tap 1 - Low Electric Heat/ Fan-Only	Watts	197	212	223	236	253	269	286	297	309	321		
					Tap 2 - High *	CFM	—	—	1655	1603	1543	1446	1362	1328	1304			
	Tap 2	Tap 1			Tap 1 - Low Electric Heat/ Fan-Only	RPM	—	—	633	675	718	764	805	876	905	926		
					Tap 2 - High *	Watts	—	—	284	299	315	332	346	372	384	391		
6.0 [21.46]	Tap 2	Tap 1	2000 CFM/ 2600 CFM	12x9 Blower 1 HP [746] 2 Speed (Constant Torque)	Tap 1 - Low Electric Heat/ Fan-Only	CFM	1871	1818	1766	1720	1673	1614	1573	1535	1498	1456		
					Tap 2 - High *	RPM	591	613	657	702	742	787	826	859	896	934		
	Tap 2	Tap 1			Tap 1 - Low Electric Heat/ Fan-Only	Watts	309	313	330	348	365	383	400	413	429	445		
					Tap 2 - High *	CFM	1871	1818	1766	1720	1673	1614	1573	1535	1498	1456		
7.0 [24.82]	Tap 2	Tap 1	2250 CFM/ 2850 CFM	12x9 Blower 1 HP [746] 2 Speed (Constant Torque)	Tap 1 - Low Electric Heat/ Fan-Only	RPM	591	613	657	702	742	787	826	859	896	934		
					Tap 2 - High *	Watts	309	313	330	348	365	383	400	413	429	445		
	Tap 2	Tap 1			Tap 1 - Low Electric Heat/ Fan-Only	CFM	1704	1574	1467	1422	1371	1326	1265	1225	1181	1136		
					Tap 2 - High *	RPM	586	589	617	659	710	758	809	847	883	923		
8.0 [28.33]	Tap 2	Tap 1	2500 CFM/ 3200 CFM	12x9 Blower 1 HP [746] 2 Speed (Constant Torque)	Tap 1 - Low Electric Heat/ Fan-Only	Watts	255	224	221	232	247	260	276	288	300	311		
					Tap 2 - High *	CFM	2189	2170	2144	2114	2083	2048	2014	1978	1947	1908		
	Tap 2	Tap 1			Tap 1 - Low Electric Heat/ Fan-Only	RPM	722	740	757	779	809	844	874	906	941	977		
					Tap 2 - High *	Watts	522	532	540	553	569	589	608	626	647	663		

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]
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	20	25	30	35	30
	Maximum Overcurrent Protection	30	25	30	30	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	12.7	9.6	12.7	12.2	16.7	14.9
	Amps (LRA), Comp. 1	64.4	67.7	75.6	97.5	93.5	90
	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)	1.5	1.5	1.5	1.5	1.5	2.3
	Amps (LRA, each)	3	3	3	3	3	5.5
Evaporator Fan	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
	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	30	25	37	30	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	15.8	12.8	22.4	20.4	22.6
	Amps (LRA), Comp. 1	96	120.4	126	93	148
	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)	2.3	2.3	2.3	2.3	2.3
	Amps (LRA, each)	5.5	5.5	5.5	5.5	5.5
Evaporator Fan	No.	1	1	1	1	1
	Volts	208/230	208/230	208/230	208/230	208/230
	Phase	1	3	1	3	1
	HP	3/4	3/4	3/4	1	1
	Amps (FLA, each)	6	6	6	7.6	7.6
	Amps (LRA, each)	0	0	0	0	0

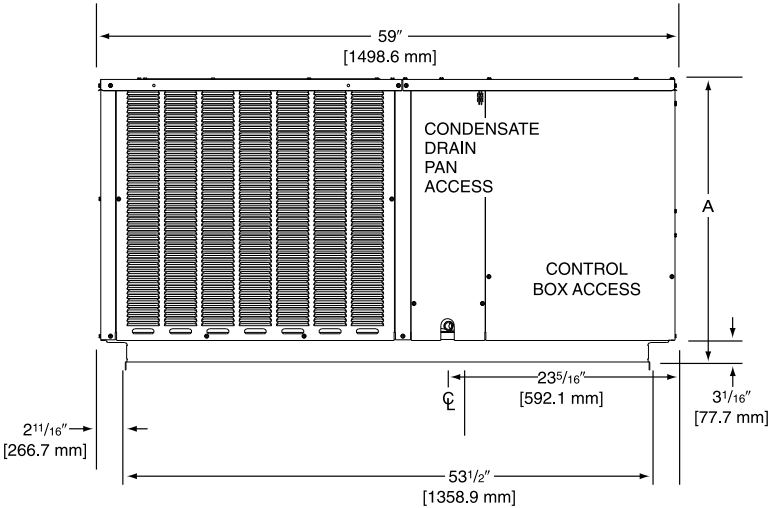
208/230 VOLT, SINGLE PHASE, 60 Hz, AUXILIARY ELECTRIC HEATER KITS CHARACTERISTICS AND APPLICATION													
Single Power Supply for Both Unit and Heater Kit							Separate Power Supply for Both Unit and Heater Kit						
Model Number	Heater Kit				Air Conditioner			Heater Kit			Air Conditioner		
	RXQJ-Heater 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	25/30
	C05J	3.6/4.8	12.28/16.38	17.3/20.0	27/31	30/30	35/35	22/25	25/25	20/20	25/30	25/30	25/30
	C07J	5.4/7.2	18.42/24.56	26.0/30.0	38/43	40/40	45/45	33/38	35/40	20/20	25/30	25/30	25/30
	C10J	7.2/9.6	24.56/32.75	34.6/40.0	49/56	50/50	60/60	44/50	45/50	20/20	25/30	25/30	25/30
RHPBYB030AJT	NONE*	—/—	—/—	—/—	22/22	25/30	25/30	—	—	22/22	25/30	25/30	25/30
	C05J	3.6/4.8	12.28/16.38	17.3/20.0	27/31	30/30	35/35	22/25	25/25	22/22	25/30	25/30	25/30
	C07J	5.4/7.2	18.42/24.56	26.0/30.0	38/43	40/40	45/45	33/38	35/40	22/22	25/30	25/30	25/30
	C10J	7.2/9.6	24.56/32.75	34.6/40.0	49/56	50/50	60/60	44/50	45/50	22/22	25/30	25/30	25/30
RHPBYB036AJT	C15J	10.8/14.4	36.84/49.13	51.9/60.0	70/81	70/70	90/90	65/75	70/80	22/22	25/30	25/30	25/30
	NONE*	—/—	—/—	—/—	27/27	35/40	35/40	—	—	27/27	35/40	35/40	35/40
	C05J	3.6/4.8	12.28/16.38	17.3/20.0	27/31	35/40	35/40	22/25	25/25	27/27	35/40	35/40	35/40
	C07J	5.4/7.2	18.42/24.56	26.0/30.0	38/43	40/40	45/45	33/38	35/40	27/27	35/40	35/40	35/40
RHPBYB042AJT	C10J	7.2/9.6	24.56/32.75	34.6/40.0	49/56	50/50	60/60	44/50	45/50	27/27	35/40	35/40	35/40
	C15J	10.8/14.4	36.84/49.13	51.9/60.0	70/81	70/70	90/90	65/75	70/80	27/27	35/40	35/40	35/40
	NONE*	—/—	—/—	—/—	30/30	35/45	35/45	—	—	30/30	35/45	35/45	35/45
	C05J	3.6/4.8	12.28/16.38	17.3/20.0	30/33	35/45	35/45	22/25	25/25	30/30	35/45	35/45	35/45
RHPBYB048AJT	C07J	5.4/7.2	18.42/24.56	26.0/30.0	40/45	40/45	45/45	33/38	35/40	30/30	35/45	35/45	35/45
	C10J	7.2/9.6	24.56/32.75	34.6/40.0	51/58	60/60	60/60	44/50	45/50	30/30	35/45	35/45	35/45
	C15J	10.8/14.4	36.84/49.13	51.9/60.0	73/83	80/80	90/90	65/75	70/80	30/30	35/45	35/45	35/45
	C20C	14.4/19.2	49.13/65.50	69.3/80.0	95/108	100/100	110/110	87/100	90/100	30/30	35/45	35/45	35/45
RHPBYB060AJT	NONE*	—/—	—/—	—/—	37/37	45/50	45/50	—	—	37/37	45/50	45/50	45/50
	C05J	3.6/4.8	12.28/16.38	17.3/20.0	37/37	45/50	45/50	22/25	25/25	37/37	45/50	45/50	45/50
	C07J	5.4/7.2	18.42/24.56	26.0/30.0	40/45	45/50	45/50	33/38	35/40	37/37	45/50	45/50	45/50
	C10J	7.2/9.6	24.56/32.75	34.6/40.0	51/58	60/60	60/60	44/50	45/50	37/37	45/50	45/50	45/50
RHPBYB080AJT	C15J	10.8/14.4	36.84/49.13	51.9/60.0	73/83	80/80	90/90	65/75	70/80	37/37	45/50	45/50	45/50
	NONE*	—/—	—/—	—/—	95/108	100/100	110/110	87/100	90/100	37/37	45/50	45/50	45/50
	C05J	3.6/4.8	12.28/16.38	17.3/20.0	40/40	50/60	50/60	—	—	40/40	50/60	50/60	50/60
	C07J	5.4/7.2	18.42/24.56	26.0/30.0	42/47	50/60	50/60	22/25	25/25	40/40	50/60	50/60	50/60
RHPBYB100AJT	C10J	7.2/9.6	24.56/32.75	34.6/40.0	53/60	60/60	60/60	33/38	35/40	40/40	50/60	50/60	50/60
	C15J	10.8/14.4	36.84/49.13	51.9/60.0	75/85	80/80	90/90	44/50	45/50	40/40	50/60	50/60	50/60
	NONE*	—/—	—/—	—/—	97/110	100/100	110/110	65/75	70/80	40/40	50/60	50/60	50/60
	C20J	14.4/19.2	49.13/65.50	69.3/80.0	97/110	100/100	110/110	87/100	90/100	40/40	50/60	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	20/25	20/25	—	—	18/18	20/25	20/25
	C10C	7.2/9.6	24.56/32.75	20.0/23.1	31/34	35/35	35/35	25/29	25/30	18/18	20/25	20/25
	C15C	10.8/14.4	36.84/49.13	30.0/34.6	43/49	45/45	50/50	38/44	40/45	18/18	20/25	20/25
RHPBYB036ACT	NONE*	—/—	—/—	—/—	21/21	25/30	25/30	—	—	21/21	25/30	25/30
	C10C	7.2/9.6	24.56/32.75	20.0/23.1	31/34	35/35	35/35	25/29	25/30	21/21	25/30	25/30
	C15C	10.8/14.4	36.84/49.13	30.0/34.6	43/49	45/45	50/50	38/44	40/45	21/21	25/30	25/30
RHPBYB042ACT	NONE*	—/—	—/—	—/—	24/24	30/35	30/35	—	—	24/24	30/35	30/35
	C10C	7.2/9.6	24.56/32.75	20.0/23.1	33/37	35/35	40/40	25/29	25/30	24/24	30/35	30/35
	C15C	10.8/14.4	36.84/49.13	30.0/34.6	45/51	45/45	60/60	38/44	40/45	24/24	30/35	30/35
	C20C	14.4/19.2	49.13/65.50	40.0/46.2	58/66	60/60	70/70	50/58	50/60	24/24	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	33/37	35/35	40/40	25/29	25/30	25/25	30/35	30/35
	C15C	10.8/14.4	36.84/49.13	30.0/34.6	45/51	45/45	60/60	38/44	40/45	25/25	30/35	30/35
	C20C	14.4/19.2	49.13/65.50	40.0/46.2	58/66	60/60	70/70	50/58	50/60	25/25	30/35	30/35
RHPBYB060ACT	NONE*	—/—	—/—	—/—	30/30	35/45	35/45	—	—	30/30	35/45	35/45
	C10C	7.2/9.6	24.56/32.75	20.0/23.1	35/39	35/45	40/45	25/29	25/30	30/30	35/45	35/45
	C15C	10.8/14.4	36.84/49.13	30.0/34.6	47/53	50/50	60/60	38/44	40/45	30/30	35/45	35/45
	C20C	14.4/19.2	49.13/65.50	40.0/46.2	60/68	60/60	70/70	50/58	50/60	30/30	35/45	35/45

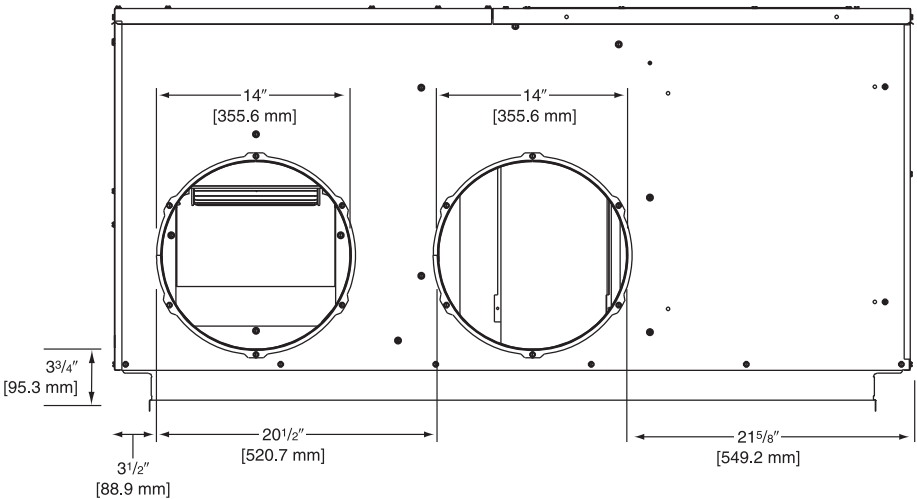
DIMENSIONS

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

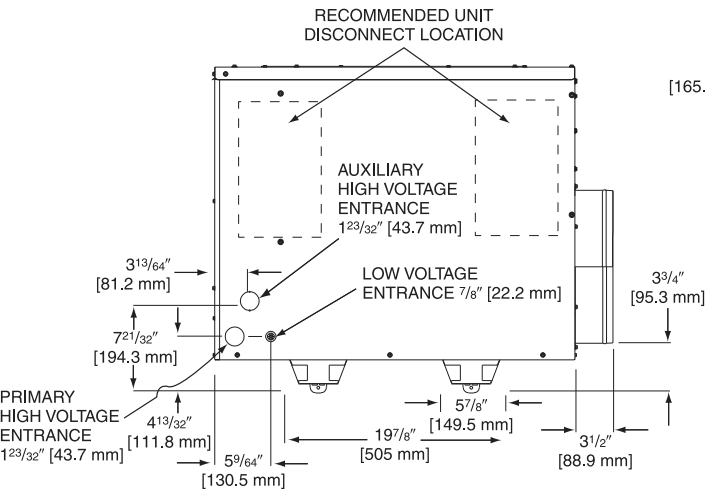
FRONT VIEW



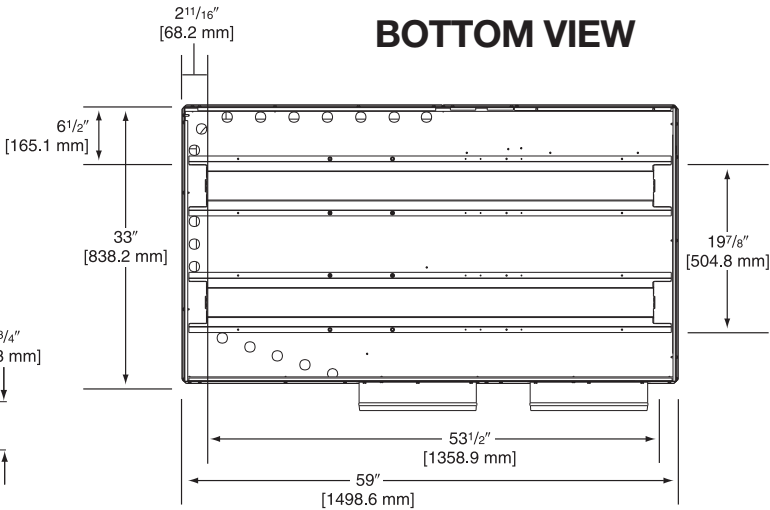
REAR VIEW



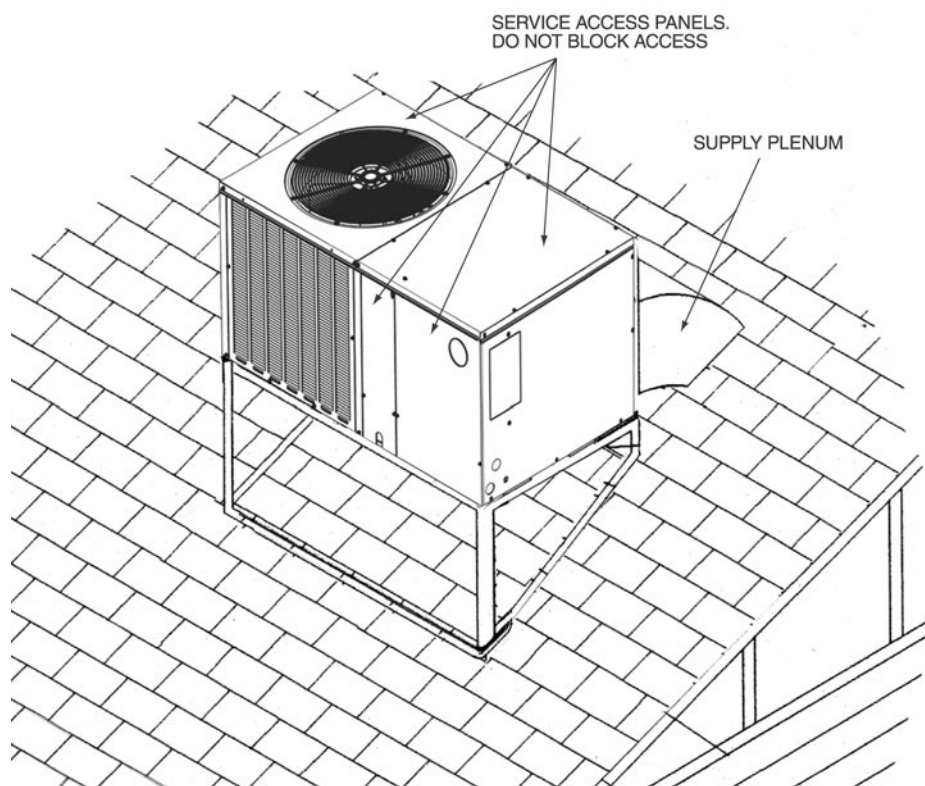
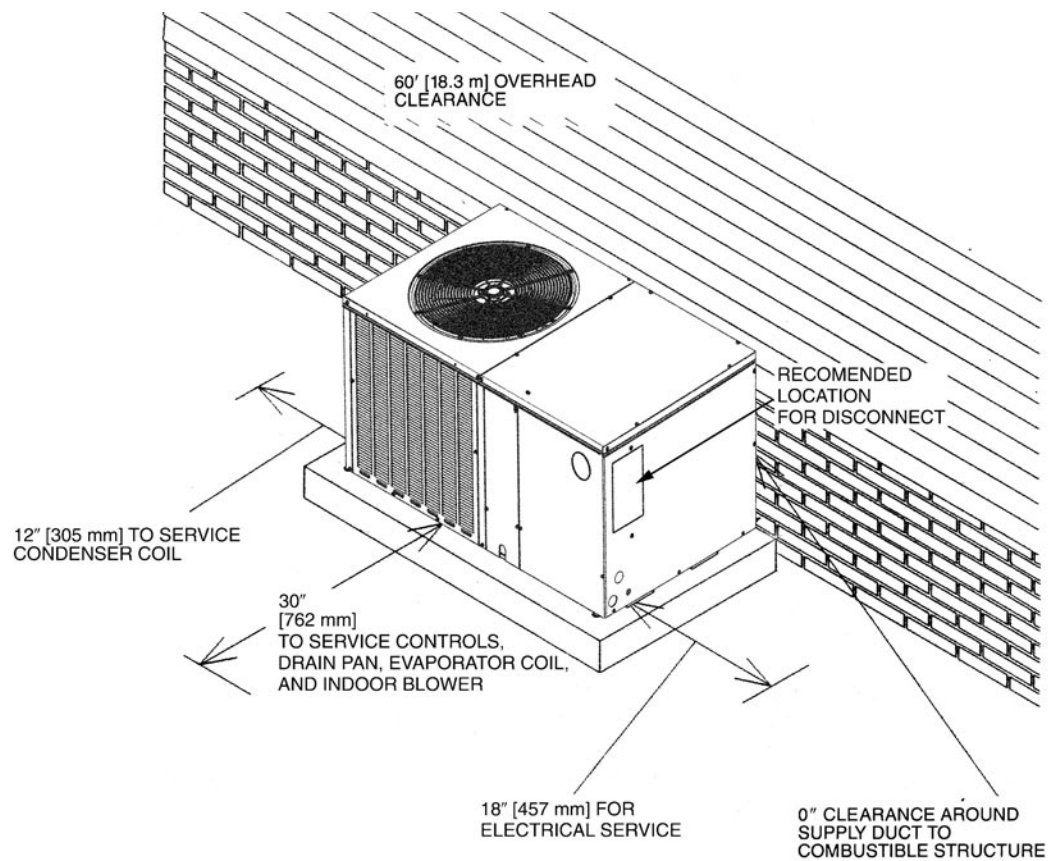
ELECTRICAL CONNECTIONS



BOTTOM VIEW



[] Designates Metric Conversions



[] Designates Metric Conversions



GENERAL TERMS OF LIMITED WARRANTY*

Ruud 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 ApplicationsOne (1) Year

Compressor

1 Phase, Residential ApplicationsTen (10) Years
1 & 3 Phase, Commercial ApplicationsFive (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.

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

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