



## Endeavor<sup>®</sup> Line Air Handlers



### **RH1PY**

PSC Motor

Single-Stage Airflow

Efficiencies: 13.4 to 15.2 SEER2

Refrigerant Type: R-454B



Table of Contents

Features & Benefits .....3

Model Number Identification .....4

Dimensional Data .....5

Unit Dimensions & Weights.....6

Airflow Directional Data.....7

Airflow Performance Data ..... 8-10

Electrical Data ..... 11-15

Limited Warranty .....16

## Features and Benefits

- **Quiet Operation<sup>1</sup>:** Provided by a cabinet construction with 1.0 inch of foil faced insulation for quieter sound characteristics
- **Aluminum Indoor Coil Design:** Are constructed of aluminum fins bonded to internally grooved aluminum tubing and are more corrosion resistant
- **Versatile 4-Way Convertible Compact Design:** Allows for upflow, downflow, horizontal left and horizontal right applications, even in the smallest of spaces
- **Rugged Steel, Compact Cabinet Construction:** Designed for added strength and versatility
- **Field-installed Auxiliary Heater Kits:** Provide exact heat for indoor comfort and include circuit breakers which meet UL and cUL requirements for service disconnect
- **Cabinet air leakage less than 2% at 1 inch H<sub>2</sub>O** when tested in accordance with ASHRAE Standard 193
- **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%<sup>2</sup> 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
- **PlusOne® Refrigerant Detection System<sup>TM3</sup>:** 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

[ ] Designates Metric Conversions

<sup>1</sup>Based on manufacturer's air handler offering, and the product's airflow stages, motor type and cabinet insulation. Sound levels are also dependent on air handler location and installation

<sup>2</sup>When comparing the GWP of R-454B to R-410A refrigerant

<sup>3</sup>Factory or field installed in the furnace coil or air handler and is applicable to the complete heating and cooling system featuring Low GWP Refrigerant (A2L)

Air Handlers

| <u>R</u>  | <u>H</u>                   | <u>1</u>          | <u>P</u>   | <u>Y</u>    | <u>18</u>                                                                                                                                                                       | <u>17</u>                            | <u>S</u>     | <u>T</u> | <u>A</u>       | <u>N</u>              | <u>N</u>    | <u>A</u>                         | <u>L</u>                                         |
|-----------|----------------------------|-------------------|------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------|----------|----------------|-----------------------|-------------|----------------------------------|--------------------------------------------------|
| Brand     | Product Category           | Stages Of Airflow | Motor Type | Refrigerant | Capacity                                                                                                                                                                        | Width                                | Efficiency   | Metering | Major Series   | Controls              | Coil Series | Voltage                          | Sensor                                           |
| R - Rheem | H - Multipoise Air Handler | 1 - 1-Stage       | P - PSC    | Y - R-454B  | 18 - 18,000 [5.28 kW]<br>24 - 24,000 [7.03 kW]<br>30 - 30,000 [8.79 kW]<br>36 - 36,000 [10.55 kW]<br>42 - 42,000 [12.31 kW]<br>48 - 48,000 [14.07 kW]<br>60 - 60,000 [17.58 kW] | 17 - 17.5"<br>21 - 21"<br>24 - 24.5" | S - Standard | T - TXV  | A - 1st Design | N - Non-Communicating | N - N-Coil  | A - 115/1/60<br>J - 208-240/1/60 | BLANK - Factory Installed<br>L - Less A2L Sensor |

| Available Models |                  |                  |
|------------------|------------------|------------------|
| RH1PY1817STANNJ  | RH1PY4221STANNJL | RH1PY3017STANNA  |
| RH1PY1817STANNJL | RH1PY4821STANNJ  | RH1PY3017STANNAL |
| RH1PY2417STANNJ  | RH1PY4824STANNJ  | RH1PY3617STANNA  |
| RH1PY2417STANNJL | RH1PY4821STANNJL | RH1PY3621STANNA  |
| RH1PY3017STANNJ  | RH1PY4824STANNJL | RH1PY3617STANNAL |
| RH1PY3017STANNJL | RH1PY6024STANNJ  | RH1PY3621STANNAL |
| RH1PY3617STANNJ  | RH1PY6024STANNJL | RH1PY4221STANNA  |
| RH1PY3621STANNJ  | RH1PY1817STANNA  | RH1PY4221STANNAL |
| RH1PY3617STANNJL | RH1PY1817STANNAL | RH1PY4821STANNA  |
| RH1PY3621STANNJL | RH1PY2417STANNA  | RH1PY4821STANNAL |
| RH1PY4221STANNJ  | RH1PY2417STANNAL |                  |

| Standard Equipment                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The most compact unit design available, all standard heat air handler models only 42-1/2 to 55-1/2 inches [1079 to 1409 mm] high                              |
| Attractive pre-painted cabinet exterior                                                                                                                       |
| Rugged wall steel cabinet construction, designed for added strength and versatility                                                                           |
| 1.0" foil faced insulation mechanically retained in blower compartment for excellent thermal and sound performance                                            |
| Four leg blower motor mount                                                                                                                                   |
| Blower housing with controls, motor and blower. Slide out design for service and maintenance convenience                                                      |
| Traditional open wire element design for heat applications                                                                                                    |
| Field convertible for vertical downflow, horizontal left hand or right hand air supply                                                                        |
| 3 combustible floor base accessories fit all model sizes when required for downflow installations on combustible floors                                       |
| Indoor coil design provides low air side pressure drop, high performance and extremely compact size                                                           |
| Expansion valve on indoor coil provides for operation with air conditioning                                                                                   |
| Coils are constructed of aluminum fins bonded to internally grooved aluminum tubing                                                                           |
| Coils are tested at the factory with an extensive refrigerant leak check                                                                                      |
| Coils have copper sweat refrigerant connections                                                                                                               |
| Coils utilize chatteff metering device connections                                                                                                            |
| Molded polymer corrosion resistant condensate drain pan is provided on all indoor coils                                                                       |
| Supply duct flanges provided as standard on air handler cabinet                                                                                               |
| Provisions for field electrical, connections available from either side or top of the air handler cabinet                                                     |
| Connection point for high voltage wiring is inside the air handler cabinet. Low voltage connection is made on the outside of the air handler cabinet          |
| Concentric knockouts are provided for power connection to cabinet. Installer may pull desired hole size up to 2 inches [51 mm] for 1-1/2 inch [38 mm] conduit |
| Front refrigerant and drain connections                                                                                                                       |

[ ] Designates Metric Conversions

# Unit Dimensions

ELECTRICAL CONNECTIONS  
MAY EXIT TOP OR EITHER SIDE

HIGH VOLTAGE CONNECTION 7/8" [22.2 mm],  
1 1/2" [27.8 mm], 1 3/4" [50 mm] DIA. KNOCKOUTS.

LOW VOLTAGE CONNECTION  
5/8" [15.9 mm] AND 7/8" [22.2 mm] KNOCKOUT

AUXILIARY DRAIN CONNECTION  
3/4" [19.1 mm] FEMALE PIPE THREAD (NPT)  
HORIZONTAL APPLICATION ONLY

PRIMARY DRAIN CONNECTION  
3/4" [19.1 mm] FEMALE PIPE THREAD (NPT)

AUXILIARY DRAIN CONNECTION  
3/4" [19.1 mm] FEMALE PIPE THREAD (NPT)  
UPFLOW/DOWNFLOW APPLICATION ONLY

LIQUID LINE CONNECTION  
COPPER (SWEAT)

VAPOR LINE CONNECTION  
COPPER (SWEAT)

UPFLOW UNIT SHOWN:  
UNIT MAY BE INSTALLED UPFLOW, DOWNFLOW,  
HORIZONTAL RIGHT OR LEFT AIR SUPPLY.

HORIZONTAL ADAPTER KIT

VAPOR LINE  
CONNECTION

AUXILIARY HORIZONTAL  
DRAIN CONNECTION

PRIMARY DRAIN  
CONNECTION

AUXILIARY UPFLOW/DOWNFLOW  
DRAIN CONNECTION

LIQUID LINE  
CONNECTION

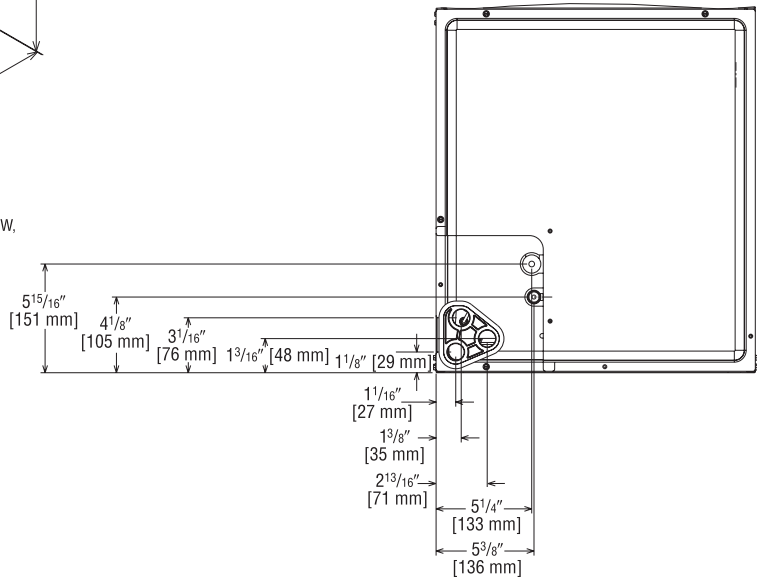
VERTICAL DRAIN PAN

SUPPLY AIR

NOTE: 24" CLEARANCE REQUIRED IN FRONT OF  
UNIT FOR FILTER AND COIL MAINTENANCE.

## Return Air Opening Dimensions

| Model Cabinet Size | Return Air Opening Width (Inches) | Return Air Opening Depth/Length (Inches) |
|--------------------|-----------------------------------|------------------------------------------|
| 17                 | 15 7/8                            | 19 3/4                                   |
| 21                 | 19 3/8                            | 19 3/4                                   |
| 24                 | 22 7/8                            | 19 3/4                                   |



UPFLOW UNIT SHOWN:  
UNIT MAY BE INSTALLED UPFLOW,  
DOWNFLOW, HORIZONTAL RIGHT  
OR LEFT AIR SUPPLY.

[ ] Designates Metric Conversions

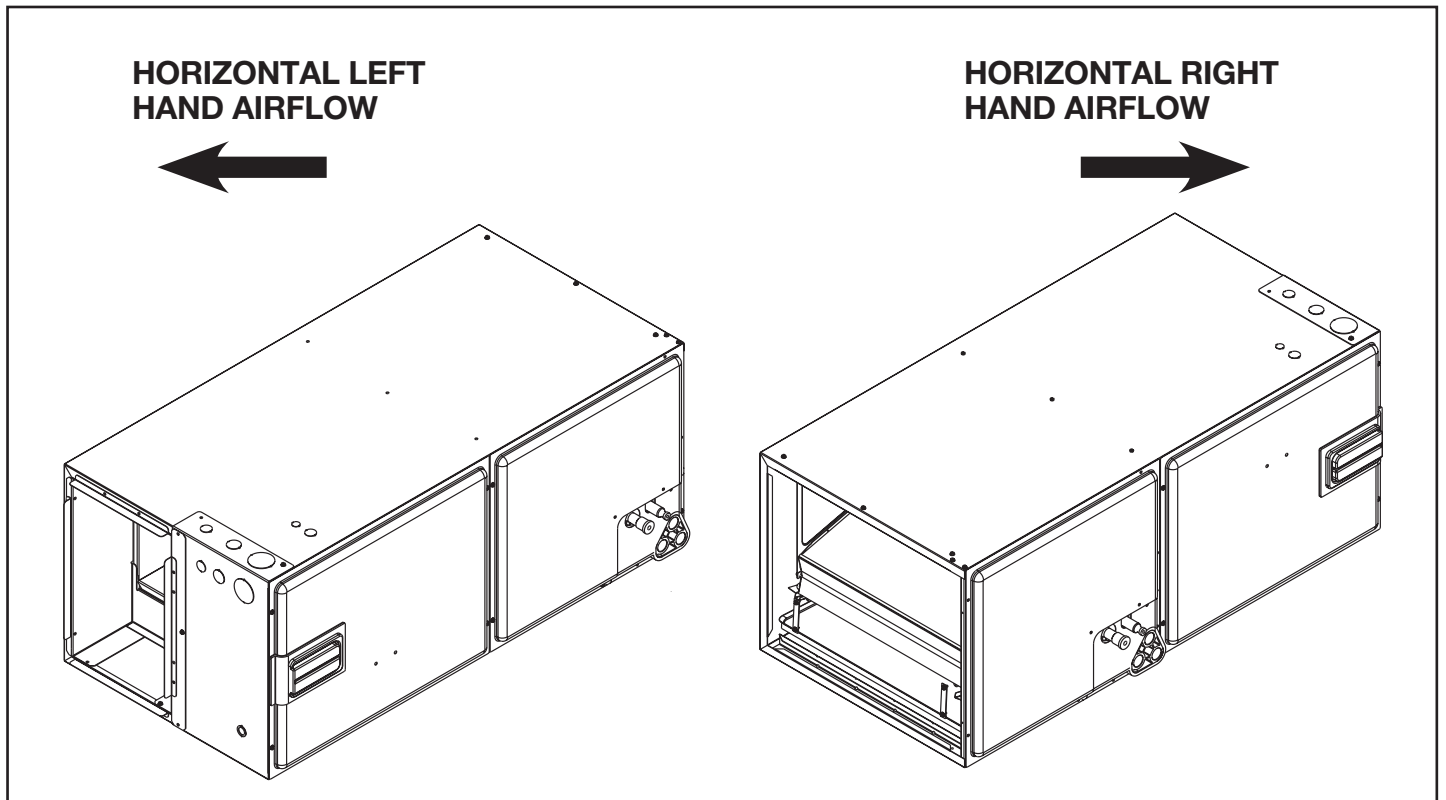
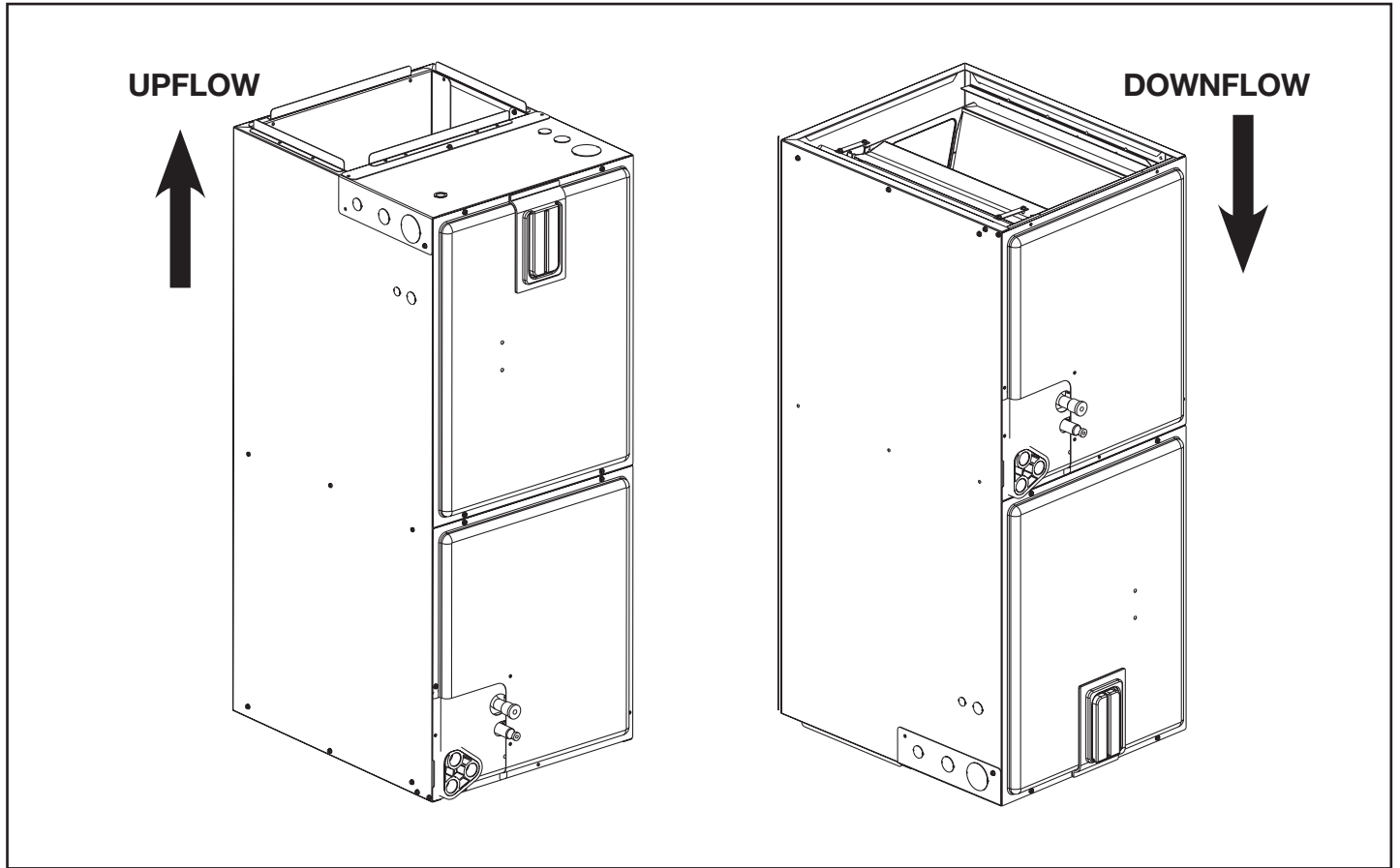
( ) Designates Unit with Double Coil Cabinet

Unit Dimensions & Weights

| Model<br>Size<br>RH1PY | Refrigerant Connections<br>Sweat (In.) [mm] ID |             | Unit<br>Width<br>“W” In. [mm] | Unit<br>Height<br>“H” In. [mm] | Supply<br>Duct<br>“A” In. [mm] | Air Flow<br>CFM (Nom.) [L/s] |            | Unit Weight/Shipping Weight<br>(Lbs.) [kg] |
|------------------------|------------------------------------------------|-------------|-------------------------------|--------------------------------|--------------------------------|------------------------------|------------|--------------------------------------------|
|                        | Liquid                                         | Vapor       |                               |                                |                                | Lo                           | Hi         | Unit With<br>Coil (Max. KW)                |
| 1817S/2417S            | 3/8 [9.53]                                     | 3/4 [19.05] | 17 1/2 [445]                  | 42 1/2 [1080]                  | 16 [406]                       | 600 [283]                    | 800 [378]  | 81/95 [37/43]                              |
| 3017S/3617S            | 3/8 [9.53]                                     | 3/4 [19.05] | 17 1/2 [445]                  | 42 1/2 [1080]                  | 16 [406]                       | 1000 [472]                   | 1200 [566] | 90/104 [41/47]                             |
| 3621S                  | 3/8 [9.53]                                     | 7/8 [22.23] | 21 [533]                      | 42 1/2 [1080]                  | 19 1/2 [495]                   | 1200 [566]                   | —          | 109/124 [49/56]                            |
| 4221S/4821S            | 3/8 [9.53]                                     | 7/8 [22.23] | 21 [533]                      | 50 1/2 [1282]                  | 19 1/2 [495]                   | 1400 [661]                   | 1600 [755] | 130/146 [59/66]                            |
| 4824S                  | 3/8 [9.53]                                     | 7/8 [22.23] | 24 1/2 [622]                  | 55 1/2 [1410]                  | 23 [584]                       | 1600 [755]                   | —          | 143/161 [65/73]                            |
| 6024S                  | 3/8 [9.53]                                     | 7/8 [22.23] | 24 1/2 [622]                  | 55 1/2 [1410]                  | 23 [584]                       | —                            | 1800 [850] | 164/181 [75/82]                            |

[ ] Designates Metric Conversions

## Airflow Directional Data



Airflow Performance

Airflow performance data is based on cooling performance with a coil and no filter in place. Select performance table for appropriate unit size, voltage and number of electric heaters to be used. Make sure external static applied to unit allows operation within the minimum and maximum limits shown in

table below for both cooling and electric heat operation. For optimum blower performance, operate the unit in the .3 [8 mm] to .7 inches [18 mm] W.C. external static range. Units with coils should be applied with a minimum of .1 inch [3 mm] W.C. external static range.

General Airflow Operating Limits

| Cabinet Width                                                                                                                     | 17                     |                        | 17/21                  |                         | 21                      |                         |                         | 24                      |                          |
|-----------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|
| Cooling BTUH x 1,000<br>Cooling Tons Nominal                                                                                      | 18<br>1.5              | 24<br>2                | 30<br>2.5              | 36<br>3                 | 42<br>3.5               | 48<br>4                 | 60<br>5                 | 48<br>4                 | 60<br>5                  |
| Heat Pump or Air Conditioning<br>Maximum Heat/Cool CFM [L/s]<br>(37.5 CFM [18 L/s]/1,000 BTUH)<br>(450 CFM [212 L/s]/Ton Nominal) | 675<br>[319]           | 900<br>[425]           | 1125<br>[531]          | 1350<br>[637]           | 1575<br>[743]           | 1800<br>[850]           | 1925<br>[907]           | 1800<br>[850]           | 1930*<br>[911]           |
| Heat Pump or Air Conditioning<br>Nominal Heat/Cool CFM [L/s]<br>(33.3 CFM [16 L/s]/1,000 BTUH)<br>(400 CFM [189 L/s]/Ton Nominal) | 600<br>[283]           | 800<br>[378]           | 1000<br>[472]          | 1200<br>[566]           | 1400<br>[661]           | 1600<br>[755]           | 1750<br>[826]           | 1550<br>[732]           | 1800*<br>[850]           |
| Heat Pump or Air Conditioning<br>Minimum Heat/Cool CFM [L/s]<br>(30.0 CFM [14 L/s]/1,000 BTUH)<br>(360 CFM [170 L/s]/Ton Nominal) | 540<br>[255]           | 720<br>[340]           | 900<br>[425]           | 1080<br>[510]           | 1260<br>[595]           | 1440<br>[680]           | 1575<br>[743]           | 1440<br>[680]           | 1620*<br>[765]           |
| Maximum kW Electric Heating &<br>Minimum Electric Heat CFM [L/s]                                                                  | 13 (6.13)<br>487 [230] | 13 (6.13)<br>617 [291] | 18 (8.49)<br>814 [384] | 18 (8.49)<br>1054 [497] | 20 (9.44)<br>1171 [553] | 25 (11.8)<br>1502 [709] | 25 (11.8)<br>1502 [709] | 25 (11.8)<br>1502 [709] | 30 (14.16)<br>1666 [786] |
| Maximum Electric Heat Rise °F [°C]                                                                                                | 80 [26.7]              | 63 [17.2]              | 66 [18.9]              | 51 [10.6]               | 49 [9.4]                | 50 [10]                 | 50 [10]                 | 50 [10]                 | 54 [12.2]                |

\*CFM [L/s] per ton requirements are reduced for 5 ton systems.

[ ] Designates Metric Conversions



# 115/208 Airflow Performance Data: RH1PY (PSC Motor)

| Air Handler Model<br>RH1PY      | Motor Speed From Factory | Manufacturer Recommended Air Flow Range (Min./Max.) CFM | Blower Size/ Motor HP [W] # of Speeds | Motor Speed | PSC CFM[L/s] Air Delivery/RPM/Watts (Dry Coil — No Filter) |            |            |            |            |            |            |            |
|---------------------------------|--------------------------|---------------------------------------------------------|---------------------------------------|-------------|------------------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|
|                                 |                          |                                                         |                                       |             | External Static Pressure-Inches W.C.                       |            |            |            |            |            |            |            |
|                                 |                          |                                                         |                                       |             |                                                            | 0.1 [.02]  | 0.2 [.05]  | 0.3 [.07]  | 0.4 [.10]  | 0.5 [.12]  | 0.6 [.15]  | 0.7 [.17]  |
| 1817S<br>No Heater              | High                     | 517/711 CFM<br>[244/336 Us]                             | 10x6<br>1/5HP [149]<br>2 Speed        | Low         | CFM                                                        | 668 [315]  | 637 [301]  | 595 [281]  | 560 [264]  | 517 [244]  | —          | —          |
|                                 |                          |                                                         |                                       |             | RPM                                                        | 541        | 596        | 657        | 706        | 761        | —          | —          |
|                                 |                          |                                                         |                                       |             | Watts                                                      | 180        | 171        | 166        | 161        | 155        | —          | —          |
|                                 |                          |                                                         |                                       | High        | CFM                                                        | —          | —          | —          | —          | 711 [336]  | 662 [312]  | 614 [290]  |
|                                 |                          |                                                         |                                       |             | RPM                                                        | —          | —          | —          | —          | 812        | 853        | 890        |
|                                 |                          |                                                         |                                       |             | Watts                                                      | —          | —          | —          | —          | 243        | 227        | 210        |
| 1817S<br>with<br>13kw<br>Heater | High                     | 487/661 CFM<br>[230/312 Us]                             | 10x6<br>1/5HP [149]<br>2 Speed        | Low         | CFM                                                        | 638 [301]  | 607 [286]  | 565 [267]  | 530 [250]  | 487 [230]  | —          | —          |
|                                 |                          |                                                         |                                       |             | RPM                                                        | 571        | 656        | 687        | 736        | 791        | —          | —          |
|                                 |                          |                                                         |                                       |             | Watts                                                      | 171        | 162        | 157        | 152        | 146        | —          | —          |
|                                 |                          |                                                         |                                       | High        | CFM                                                        | —          | —          | —          | —          | 661 [312]  | 612 [289]  | 564 [266]  |
|                                 |                          |                                                         |                                       |             | RPM                                                        | —          | —          | —          | —          | 837        | 878        | 915        |
|                                 |                          |                                                         |                                       |             | Watts                                                      | —          | —          | —          | —          | 232        | 216        | 199        |
| 24175T<br>No Heater             | High                     | 647/888 CFM<br>[305/419 Us]                             | 10x6<br>1/5HP [149]<br>2 Speed        | Low         | CFM                                                        | 817 [386]  | 779 [368]  | 757 [357]  | 693 [327]  | 647 [305]  | —          | —          |
|                                 |                          |                                                         |                                       |             | RPM                                                        | 616        | 667        | 715        | 770        | 808        | —          | —          |
|                                 |                          |                                                         |                                       |             | Watts                                                      | 239        | 230        | 221        | 206        | 196        | —          | —          |
|                                 |                          |                                                         |                                       | High        | CFM                                                        | —          | —          | —          | —          | 888 [419]  | 828 [391]  | 774 [365]  |
|                                 |                          |                                                         |                                       |             | RPM                                                        | —          | —          | —          | —          | 875        | 908        | 958        |
|                                 |                          |                                                         |                                       |             | Watts                                                      | —          | —          | —          | —          | 331        | 313        | 301        |
| 2417S<br>with<br>13kw<br>Heater | High                     | 617/838 CFM<br>[291/395 Us]                             | 10x6<br>1/5HP [149]<br>2 Speed        | Low         | CFM                                                        | 787 [371]  | 749 [353]  | 727 [343]  | 663 [313]  | 617 [291]  | —          | —          |
|                                 |                          |                                                         |                                       |             | RPM                                                        | 646        | 697        | 745        | 800        | 838        | —          | —          |
|                                 |                          |                                                         |                                       |             | Watts                                                      | 230        | 221        | 212        | 197        | 187        | —          | —          |
|                                 |                          |                                                         |                                       | High        | CFM                                                        | —          | —          | —          | —          | 838 [395]  | 778 [367]  | 724 [342]  |
|                                 |                          |                                                         |                                       |             | RPM                                                        | —          | —          | —          | —          | 900        | 933        | 983        |
|                                 |                          |                                                         |                                       |             | Watts                                                      | —          | —          | —          | —          | 320        | 302        | 290        |
| 3017S<br>No Heater              | High                     | 864/1004 CFM<br>[408/474 Us]                            | 10x8<br>1/4HP [186]<br>2 Speed        | Low         | CFM                                                        | 1022 [482] | 987 [466]  | 940 [444]  | 903 [426]  | 864 [408]  | —          | —          |
|                                 |                          |                                                         |                                       |             | RPM                                                        | 700        | 754        | 794        | 833        | 870        | —          | —          |
|                                 |                          |                                                         |                                       |             | Watts                                                      | 344        | 313        | 302        | 294        | 288        | —          | —          |
|                                 |                          |                                                         |                                       | High        | CFM                                                        | —          | —          | —          | —          | 1004 [474] | 951 [449]  | 883 [417]  |
|                                 |                          |                                                         |                                       |             | RPM                                                        | —          | —          | —          | —          | 924        | 953        | 975        |
|                                 |                          |                                                         |                                       |             | Watts                                                      | —          | —          | —          | —          | 364        | 352        | 344        |
| 3017S<br>with<br>18kw<br>Heater | High                     | 814/904 CFM<br>[384/427 Us]                             | 10x8<br>1/4HP [186]<br>2 Speed        | Low         | CFM                                                        | 972 [459]  | 937 [442]  | 890 [420]  | 853 [403]  | 814 [384]  | —          | —          |
|                                 |                          |                                                         |                                       |             | RPM                                                        | 750        | 804        | 844        | 883        | 920        | —          | —          |
|                                 |                          |                                                         |                                       |             | Watts                                                      | 324        | 293        | 282        | 274        | 268        | —          | —          |
|                                 |                          |                                                         |                                       | High        | CFM                                                        | —          | —          | —          | —          | 904 [427]  | 851 [402]  | 783 [370]  |
|                                 |                          |                                                         |                                       |             | RPM                                                        | —          | —          | —          | —          | 949        | 978        | 1000       |
|                                 |                          |                                                         |                                       |             | Watts                                                      | —          | —          | —          | —          | 334        | 322        | 314        |
| 3617S/<br>3621S<br>No Heater    | High                     | 1110/1248 CFM<br>[524/589 Us]                           | 10x8<br>1/3HP [249]<br>2 Speed        | Low         | CFM                                                        | 1201 [567] | 1170 [552] | 1141 [538] | 1104 [521] | 1062 [501] | —          | —          |
|                                 |                          |                                                         |                                       |             | RPM                                                        | 833        | 872        | 909        | 951        | 965        | —          | —          |
|                                 |                          |                                                         |                                       |             | Watts                                                      | 462        | 427        | 406        | 396        | 385        | —          | —          |
|                                 |                          |                                                         |                                       | High        | CFM                                                        | —          | —          | —          | —          | 1194 [563] | 1134 [535] | 1078 [509] |
|                                 |                          |                                                         |                                       |             | RPM                                                        | —          | —          | —          | —          | 1024       | 1042       | 1060       |
|                                 |                          |                                                         |                                       |             | Watts                                                      | —          | —          | —          | —          | 475        | 454        | 417        |

NOTE: "(—)" indicate airflow values outside unit static range. Some CFM values on the table are outside of the general airflow operating limits and are for reference only.

[ ] Designates Metric Conversions

115/208 Airflow Performance Data: RH1PY (PSC Motor) (Con't.)

| Air Handler Model<br>RH1PY                | Motor Speed From Factory | Manufacturer Recommended Air Flow Range (Min./Max.) CFM | Blower Size/ Motor HP [W] # of Speeds | Motor Speed | PSC CFM[L/s] Air Delivery/RPM/Watts (Dry Coil — No Filter) |            |            |            |            |            |            |            |
|-------------------------------------------|--------------------------|---------------------------------------------------------|---------------------------------------|-------------|------------------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|
|                                           |                          |                                                         |                                       |             | External Static Pressure-Inches W.C.                       |            |            |            |            |            |            |            |
|                                           |                          |                                                         |                                       |             |                                                            | 0.1 [.02]  | 0.2 [.05]  | 0.3 [.07]  | 0.4 [.10]  | 0.5 [.12]  | 0.6 [.15]  | 0.7 [.17]  |
| 3617S/<br>3621S<br>with<br>18kw<br>Heater | High                     | 1060/1148 CFM<br>[500/542 Us]                           | 10x8<br>1/3HP [249]<br>2 Speed        | Low         | CFM                                                        | 1151 [543] | 1120 [529] | 1091 [515] | 1054 [497] | 1012 [478] | —          | —          |
|                                           |                          |                                                         |                                       |             | RPM                                                        | 883        | 922        | 959        | 1001       | 1015       | —          | —          |
|                                           |                          |                                                         |                                       |             | Watts                                                      | 442        | 407        | 386        | 376        | 365        | —          | —          |
|                                           |                          |                                                         |                                       | High        | CFM                                                        | —          | —          | —          | —          | 1094 [516] | 1034 [488] | 978 [462]  |
|                                           |                          |                                                         |                                       |             | RPM                                                        | —          | —          | —          | —          | 1049       | 1067       | 1085       |
|                                           |                          |                                                         |                                       |             | Watts                                                      | —          | —          | —          | —          | 445        | 424        | 386        |
| 4221S<br>No Heater                        | High                     | 1241/1537 CFM<br>[586/725 Us]                           | 10x10<br>1/2HP [373]<br>2 Speed       | Low         | CFM                                                        | 1493 [705] | 1449 [684] | 1363 [643] | 1287 [607] | 1211 [571] | —          | —          |
|                                           |                          |                                                         |                                       |             | RPM                                                        | 822        | 858        | 885        | 931        | 958        | —          | —          |
|                                           |                          |                                                         |                                       |             | Watts                                                      | 540        | 519        | 506        | 484        | 459        | —          | —          |
|                                           |                          |                                                         |                                       | High        | CFM                                                        | —          | —          | —          | —          | 1514 [714] | 1411 [666] | 1315 [621] |
|                                           |                          |                                                         |                                       |             | RPM                                                        | —          | —          | —          | —          | 1061       | 1069       | 1078       |
|                                           |                          |                                                         |                                       |             | Watts                                                      | —          | —          | —          | —          | 710        | 702        | 677        |
| 4221S<br>with<br>20kw<br>Heater           | High                     | 1225/1500 CFM<br>[553/678 Us]                           | 10x10<br>1/2HP [373]<br>2 Speed       | Low         | CFM                                                        | 1423 [672] | 1379 [651] | 1293 [610] | 1217 [574] | 1141 [538] | —          | —          |
|                                           |                          |                                                         |                                       |             | RPM                                                        | 870        | 882        | 925        | 957        | 992        | —          | —          |
|                                           |                          |                                                         |                                       |             | Watts                                                      | 514        | 508        | 490        | 461        | 431        | —          | —          |
|                                           |                          |                                                         |                                       | High        | CFM                                                        | —          | —          | —          | —          | 1414 [667] | 1311 [619] | 1215 [573] |
|                                           |                          |                                                         |                                       |             | RPM                                                        | —          | —          | —          | —          | 1067       | 1080       | 1094       |
|                                           |                          |                                                         |                                       |             | Watts                                                      | —          | —          | —          | —          | 700        | 678        | 665        |
| 4821S/<br>4824S<br>No Heater              | High                     | 1395/1824 CFM<br>[658/861 Us]                           | 10x10<br>3/4HP [559]<br>2 Speed       | Low         | CFM                                                        | 1488 [702] | 1477 [670] | 1466 [692] | 1430 [675] | 1395 [658] | —          | —          |
|                                           |                          |                                                         |                                       |             | RPM                                                        | 812        | 861        | 912        | 943        | 973        | —          | —          |
|                                           |                          |                                                         |                                       |             | Watts                                                      | 554        | 545        | 526        | 508        | 491        | —          | —          |
|                                           |                          |                                                         |                                       | High        | CFM                                                        | —          | —          | —          | —          | 1824 [861] | 1767 [834] | 1653 [780] |
|                                           |                          |                                                         |                                       |             | RPM                                                        | —          | —          | —          | —          | 1102       | 1112       | 1121       |
|                                           |                          |                                                         |                                       |             | Watts                                                      | —          | —          | —          | —          | 871        | 830        | 770        |
| 4821S/<br>4824S<br>with<br>25kw<br>Heater | High                     | 1225/1500 CFM<br>[625/814 Us]                           | 10x10<br>3/4HP [559]<br>2 Speed       | Low         | CFM                                                        | 1418 [669] | 1349 [637] | 1396 [659] | 1360 [642] | 1325 [625] | —          | —          |
|                                           |                          |                                                         |                                       |             | RPM                                                        | 862        | 899        | 935        | 965        | 995        | —          | —          |
|                                           |                          |                                                         |                                       |             | Watts                                                      | 534        | 525        | 506        | 588        | 471        | —          | —          |
|                                           |                          |                                                         |                                       | High        | CFM                                                        | —          | —          | —          | —          | 1724 [814] | 1667 [787] | 1553 [733] |
|                                           |                          |                                                         |                                       |             | RPM                                                        | —          | —          | —          | —          | 1116       | 1119       | 1130       |
|                                           |                          |                                                         |                                       |             | Watts                                                      | —          | —          | —          | —          | 810        | 780        | 730        |
| 6024S<br>No Heater                        | High                     | 1710/1967 CFM<br>[807/928 Us]                           | 11x11<br>3/4HP [559]<br>2 Speed       | Low         | CFM                                                        | 1866 [881] | 1833 [865] | 1806 [852] | 1772 [836] | 1710 [807] | —          | —          |
|                                           |                          |                                                         |                                       |             | RPM                                                        | 764        | 803        | 824        | 856        | 886        | —          | —          |
|                                           |                          |                                                         |                                       |             | Watts                                                      | 514        | 756        | 733        | 715        | 701        | —          | —          |
|                                           |                          |                                                         |                                       | High        | CFM                                                        | —          | —          | —          | —          | 1967 [928] | 1916 [904] | 1863 [879] |
|                                           |                          |                                                         |                                       |             | RPM                                                        | —          | —          | —          | —          | 948        | 959        | 991        |
|                                           |                          |                                                         |                                       |             | Watts                                                      | —          | —          | —          | —          | 850        | 827        | 816        |
| 6024S<br>with<br>30kw<br>Heater           | High                     | 1640/1796 CFM<br>[773/847 Us]                           | 11x11<br>3/4HP [559]<br>2 Speed       | Low         | CFM                                                        | 1796 [848] | 1763 [832] | 1736 [819] | 1702 [803] | 1640 [774] | —          | —          |
|                                           |                          |                                                         |                                       |             | RPM                                                        | 828        | 860        | 878        | 890        | 1001       | —          | —          |
|                                           |                          |                                                         |                                       |             | Watts                                                      | 735        | 718        | 705        | 695        | 678        | —          | —          |
|                                           |                          |                                                         |                                       | High        | CFM                                                        | —          | —          | —          | —          | 1867 [881] | 1816 [857] | 1763 [832] |
|                                           |                          |                                                         |                                       |             | RPM                                                        | —          | —          | —          | —          | 989        | 1005       | 1020       |
|                                           |                          |                                                         |                                       |             | Watts                                                      | —          | —          | —          | —          | 818        | 795        | 780        |

NOTE: “(—)” indicate airflow values outside unit static range. Some CFM values on the table are outside of the general airflow operating limits and are for reference only.

[ ] Designates Metric Conversions

## Electrical Data – Blower Motor Only – No Electric Heat

| Air Handler Model RH1PY | Voltage | Phase* | Hertz | HP  | RPM  | Speeds | Circuit Amps. | Minimum Circuit Ampacity | Maximum Circuit Protector |
|-------------------------|---------|--------|-------|-----|------|--------|---------------|--------------------------|---------------------------|
| 1817S                   | 115     | 1      | 60    | 1/5 | 1075 | 2      | 2.3           | 3.0                      | 15                        |
| 2417S                   |         |        |       | 1/5 | 1075 | 2      | 3.8           | 5.0                      | 15                        |
| 3017S                   |         |        |       | 1/4 | 1075 | 2      | 4.7           | 6.0                      | 15                        |
| 3617S/3621S             |         |        |       | 1/3 | 1075 | 2      | 6.1           | 8.0                      | 15                        |
| 4221S                   |         |        |       | 1/2 | 1075 | 2      | 7.9           | 10.0                     | 15                        |
| 4821S                   |         |        |       | 3/4 | 1075 | 2      | 8.4           | 11.0                     | 15                        |
| 1817S                   | 208/240 | 1      | 60    | 1/5 | 1075 | 2      | 1.7           | 3.0                      | 15                        |
| 2417S                   |         |        |       | 1/5 | 1075 | 2      | 1.7           | 3.0                      | 15                        |
| 3017S                   |         |        |       | 1/4 | 1075 | 2      | 2.5           | 4.0                      | 15                        |
| 3617S/3621S             |         |        |       | 1/3 | 1075 | 2      | 2.5           | 4.0                      | 15                        |
| 4221S                   |         |        |       | 1/2 | 1075 | 2      | 5.2           | 7.0                      | 15                        |
| 4821ST/4824ST           |         |        |       | 3/4 | 1075 | 2      | 5.2           | 7.0                      | 15                        |
| 6024ST                  |         |        |       | 3/4 | 1075 | 2      | 5.2           | 7.0                      | 15                        |

## Electrical Data – With Electric Heat

| Air Handler Model RH1PY               | Heater Model No. | Heater kW (208/240V) | PH/HZ | No. Elements kW Per | Type Supply Circuit<br>Single Circuit<br>Multiple Circuit | Heater Amps. | Motor Amps. | Minimum Circuit Ampacity | Maximum Overcurrent Protection |
|---------------------------------------|------------------|----------------------|-------|---------------------|-----------------------------------------------------------|--------------|-------------|--------------------------|--------------------------------|
| 1817S<br>2417S<br>(208/240V)          | RXBH-17203J-1    | 2.25/3*0             | 1/60  | 1-3.0               | SINGLE                                                    | 10.8/125.    | 1.7         | 16/18                    | 20/20                          |
|                                       | RXBH-1724203J-1  | 2.25/3.0             | 1/60  | 1-3.0               | SINGLE                                                    | 10.8/12.5    | 1.7         | 16/18                    | 20/20                          |
|                                       | RXBH-1724205J-1  | 3.6/4.8              | 1/60  | 1-4.8               | SINGLE                                                    | 17.3/20.0    | 1.7         | 24/28                    | 25/30                          |
|                                       | RXBH-1724207J-1  | 5.4/7.2              | 1/60  | 2-3.6               | SINGLE                                                    | 26.0/30.0    | 1.7         | 35/40                    | 35/40                          |
|                                       | RXBH-1724210J-1  | 7.2/9.6              | 1/60  | 2-4.8               | SINGLE                                                    | 34.6/40.0    | 1.7         | 46/53                    | 50/60                          |
|                                       | RXBH-1724A13J-1  | 9.4/12.5             | 1/60  | 3-4.17              | SINGLE                                                    | 45.1/52.1    | 1.7         | 59/68                    | 60/70                          |
|                                       |                  | 3.1/4.2              | 1/60  | 1-4.17              | MULTIPLE CKT 1                                            | 15.0/17.4    | 1.7         | 21/24                    | 25/25                          |
|                                       |                  | 6.3/8.3              | 1/60  | 2-4.17              | MULTIPLE CKT 2                                            | 30.1/34.7    | 0           | 38/44                    | 40/45                          |
|                                       | RXBH-1724A07C-1  | 5.4/7.2              | 3/60  | 3-2.4               | SINGLE                                                    | 15.0/17.3    | 1.7         | 21/24                    | 25/25                          |
|                                       | RXBH-1724A10C-1  | 7.2/9.6              | 3/60  | 3-3.2               | SINGLE                                                    | 20.0/23.1    | 1.7         | 28/31                    | 30/35                          |
|                                       | RXBH-1724A13C-1  | 9.4/12.5             | 3/60  | 3-4.17              | SINGLE                                                    | 26.1/30.1    | 1.7         | 35/40                    | 35/40                          |
| 3017S/<br>3617S<br>(208/240V)         | RXBH-17203J-1    | 2.25/3.0             | 1/60  | 1-3.0               | SINGLE                                                    | 10.8/12.5    | 2.5         | 17/19                    | 20/20                          |
| 3017S<br>3617S<br>3621S<br>(208/240V) | RXBH-1724203J-1  | 2.25/3.0             | 1/60  | 1-3.0               | SINGLE                                                    | 10.8/12.5    | 2.5         | 17/19                    | 20/20                          |
|                                       | RXBH-1724205J-1  | 3.6/4.8              | 1/60  | 1-4.8               | SINGLE                                                    | 17.3/20.0    | 2.5         | 25/29                    | 25/30                          |
|                                       | RXBH-1724207J-1  | 5.4/7.2              | 1/60  | 2-3.6               | SINGLE                                                    | 26.0/30.0    | 2.5         | 36/41                    | 40/45                          |
|                                       | RXBH-1724210J-1  | 7.2/9.6              | 1/60  | 2-4.8               | SINGLE                                                    | 34.6/40.0    | 2.5         | 47/54                    | 50/60                          |
|                                       | RXBH-1724A13J-1  | 9.4/12.5             | 1/60  | 3-4.17              | SINGLE                                                    | 45.1/52.1    | 2.5         | 60/69                    | 60/70                          |
|                                       |                  | 3.1/4.2              | 1/60  | 1-4.17              | MULTIPLE CKT 1                                            | 15.0/17.4    | 2.5         | 22/25                    | 25/25                          |
|                                       |                  | 6.3/8.3              | 1/60  | 2-4.17              | MULTIPLE CKT 2                                            | 30.1/34.7    | 0           | 38/44                    | 40/45                          |
|                                       | RXBH-1724A15J-1  | 10.8/14.4            | 1/60  | 3-4.8               | SINGLE                                                    | 51.9/60.0    | 2.5         | 68/79                    | 70/80                          |
|                                       | RXBH-1724A15J-1  | 3.6/4.8              | 1/60  | 1-4.8               | MULTIPLE CKT 1                                            | 17.3/20.0    | 2.5         | 25/29                    | 25/30                          |
|                                       |                  | 7.2/9.6              | 1/60  | 2-4.8               | MULTIPLE CKT 2                                            | 34.6/40.0    | 0           | 44/50                    | 45/50                          |
|                                       | RXBH-1724A18J-1  | 12.8/17.0            | 1/60  | 3-5.68              | SINGLE                                                    | 61.6/70.8    | 2.5         | 81/92                    | 90/100                         |
|                                       | RXBH-1724A18J-1  | 4.3/5.7              | 1/60  | 1-5.68              | MULTIPLE CKT 1                                            | 20.5/23.6    | 2.5         | 29/33                    | 30/35                          |
|                                       |                  | 8.5/11.3             | 1/60  | 2-5.68              | MULTIPLE CKT 2                                            | 41.1/47.2    | 0           | 52/59                    | 60/60                          |
|                                       | RXBH-1724A07C-1  | 5.4/7.2              | 3/60  | 3-2.4               | SINGLE                                                    | 15.0/17.3    | 2.5         | 22/25                    | 25/25                          |
|                                       | RXBH-1724A10C-1  | 7.2/9.6              | 3/60  | 3-3.2               | SINGLE                                                    | 20.0/23.1    | 2.5         | 29/32                    | 30/35                          |
|                                       | RXBH-1724A13C-1  | 9.4/12.5             | 3/60  | 3-4.17              | SINGLE                                                    | 26.1/30.1    | 2.5         | 36/41                    | 40/45                          |
|                                       | RXBH-1724A15C-1  | 10.8/14.4            | 3/60  | 3-4.8               | SINGLE                                                    | 30.0/34.6    | 2.5         | 41/47                    | 45/50                          |
|                                       | RXBH-1724A18C-1  | 12.8/17.0            | 3/60  | 3-5.68              | SINGLE                                                    | 35.5/41.0    | 2.5         | 48/55                    | 50/60                          |

? Heater Kit Connection Type A = Breaker B = Terminal Block C = Pullout Disconnect

## Electrical Data – With Electric Heat (Con't.)

| Air Handler Model RH1PY               | Heater Model No.              | Heater kW (208/240V) | PH/HZ | No. Elements kW Per | Type Supply Circuit<br>Single Circuit<br>Multiple Circuit | Heater Amps. | Motor Amps. | Minimum Circuit Ampacity | Maximum Overcurrent Protection |
|---------------------------------------|-------------------------------|----------------------|-------|---------------------|-----------------------------------------------------------|--------------|-------------|--------------------------|--------------------------------|
| 4221S<br>4821S<br>4824S<br>(208/240V) | RXBH-1724?05J-1               | 3.6/4.8              | 1/60  | 1-4.8               | SINGLE                                                    | 17.3/20.0    | 5.2         | 29/32                    | 30/35                          |
|                                       | RXBH-1724?07J-1               | 5.4/7.2              | 1/60  | 2-3.6               | SINGLE                                                    | 26.0/30.0    | 5.2         | 39/44                    | 40/45                          |
|                                       | RXBH-1724?10J-1               | 7.2/9.6              | 1/60  | 2-4.8               | SINGLE                                                    | 34.6/40.0    | 5.2         | 50/57                    | 50/60                          |
|                                       | RXBH-1724A15J-1               | 10.8/14.4            | 1/60  | 3-4.8               | SINGLE                                                    | 51.9/60.0    | 5.2         | 72/82                    | 80/90                          |
|                                       | RXBH-1724A15J-1               | 3.6/4.8              | 1/61  | 1-4.8               | MULTIPLE CKT 1                                            | 17.3/20.0    | 5.2         | 29/32                    | 30/35                          |
|                                       |                               | 7.2/9.6              | 1/60  | 2-4.8               | MULTIPLE CKT 2                                            | 34.6/40.0    | 0.0         | 44/50                    | 45/50                          |
|                                       | RXBH-1724A18J-1               | 12/8/17              | 1/60  | 3-5.68              | SINGLE                                                    | 61.6/70.8    | 5.2         | 84/95                    | 90/100                         |
|                                       | RXBH-1724A18J-1               | 4.3/5.7              | 1/60  | 1-5.68              | MULTIPLE CKT 1                                            | 20.5/23.6    | 5.2         | 33/36                    | 35/40                          |
|                                       |                               | 8.5/11.3             | 1/60  | 1-5.68              | MULTIPLECKT2                                              | 41.1/47.2    | 0.0         | 52/59                    | 60/60                          |
|                                       | RXBH-24A20J-1                 | 14.4/19.2            | 1/60  | 4-4.8               | SINGLE                                                    | 69.2/80      | 5.2         | 93/107                   | 100/110                        |
|                                       | RXBH-24A20J-1                 | 7.2/9.5              | 1/60  | 2-4.8               | MULTIPLE CKT 1                                            | 34.6/40.0    | 5.2         | 50/57                    | 50/60                          |
|                                       |                               | 7.2/9.6              | 1/60  | 2-4.8               | MULTIPLE CKT 2                                            | 34.6/40.0    | 0.0         | 44/50                    | 45/50                          |
|                                       | RXBH-24A25J-1                 | 18.0/24.0            | 1/60  | 6-4.0               | SINGLE                                                    | 86.4/99.9    | 5.2         | 115/132                  | 125/150                        |
|                                       | RXBH-24A25J-1<br>(4-ton only) | 6.0/8.0              | 1/60  | 2-4.0               | MULTIPLE CKT 1                                            | 28.8/33.3    | 5.2         | 43/49                    | 45/50                          |
|                                       |                               | 6.0/8.0              | 1/60  | 2-4.0               | MULTIPLE CKT 2                                            | 28.8/33.3    | 0.0         | 36/42                    | 40/45                          |
|                                       |                               | 6.0/8.0              | 1/60  | 2-4.0               | MULTIPLE CKT 3                                            | 28.8/33.3    | 0.0         | 36/42                    | 40/45                          |
|                                       | RXBH-1724A070-1               | 5.4/7.2              | 3/60  | 3-2.4               | SINGLE                                                    | 15.0/17.3    | 5.2         | 26/29                    | 30/30                          |
|                                       | RXBH-1724A10C-1               | 7.2/9.6              | 3/60  | 3-3.2               | SINGLE                                                    | 20.0/23.1    | 5.2         | 32/36                    | 35/40                          |
|                                       | RXBH-1724A15C-1               | 10.8/14.4            | 3/60  | 3-4.8               | SINGLE                                                    | 30.0/34.6    | 5.2         | 44/50                    | 45/50                          |
|                                       | RXBH-1724A18C-1               | 12.8/17.0            | 3/60  | 3 - 5.68            | SINGLE                                                    | 35.6/41.0    | 5.2         | 51/58                    | 60/60                          |
|                                       | RXBH-24A20C-1                 | 14.4/19.2            | 3/60  | 6-3.2               | SINGLE                                                    | 40.0/46.2    | 5.2         | 57/65                    | 60/70                          |
|                                       | RXBH-24A20C-1                 | 7.2/9.6              | 3/60  | 3-3.2               | MULTIPLE CKT 1                                            | 20.0/23.1    | 5.2         | 32/36                    | 35/40                          |
|                                       |                               | 7.2/9.6              | 3/60  | 3-3.2               | MULTIPLE CKT 2                                            | 20.0/23.1    | 0.0         | 25/29                    | 25/30                          |
|                                       | RXBH-24A25C-1                 | 18.0/24.0            | 3/60  | 6-4.0               | SINGLE                                                    | 50.0/57.8    | 5.2         | 69/79                    | 70/80                          |
|                                       | RXBH-24A25C-1<br>(4-ton only) | 9.0/12.0             | 3/60  | 3-4.0               | MULTIPLE CKT 1                                            | 25.0/28.9    | 5.2         | 38/43                    | 40/45                          |
|                                       |                               | 9.0/12.0             | 3/60  | 3-4.0               | MULTIPLE CKT 2                                            | 25.0/28.9    | 0.0         | 32/37                    | 35/40                          |

? Heater Kit Connection Type A = Breaker B = Terminal Block C = Pullout Disconnect

## Electrical Data – With Electric Heat (Con't.)

| Air Handler Model RH1PY | Heater Model No. | Heater kW (208/240V) | PH/HZ | No. Elements kW Per | Type Supply Circuit<br>Single Circuit<br>Multiple Circuit | Heater Amps. | Motor Amps. | Minimum Circuit Ampacity | Maximum Overcurrent Protection |
|-------------------------|------------------|----------------------|-------|---------------------|-----------------------------------------------------------|--------------|-------------|--------------------------|--------------------------------|
| 6024S<br>(208/240V)     | RXBH-1724?05J-1  | 3.6/4.8              | 1/60  | 1-4.8               | SINGLE                                                    | 17.3/20.0    | 5.2         | 29/32                    | 30/35                          |
|                         | RXBH-1724?07J-1  | 5.4/7.2              | 1/60  | 2-3.6               | SINGLE                                                    | 26.0/30.0    | 5.2         | 39/44                    | 40/45                          |
|                         | RXBH-1724?10J-1  | 7.2/9.6              | 1/60  | 2-4.8               | SINGLE                                                    | 34.6/40.0    | 5.2         | 50/57                    | 50/60                          |
|                         | RXBH-1724A15J-1  | 10.8/14.4            | 1/60  | 3-4.8               | SINGLE                                                    | 51.9/60.0    | 5.2         | 72/82                    | 80/90                          |
|                         | RXBH-1724A15J-1  | 3.6/4.8              | 1/60  | 1-4.8               | MULTIPLE CKT1                                             | 17.3/20.0    | 5.2         | 29/32                    | 30/35                          |
|                         |                  | 7.2/9.6              | 1/60  | 2-4.8               | MULTIPLE CKT 2                                            | 34.6/40.0    | 0           | 44/50                    | 45/50                          |
|                         | RXBH-1724A18J-1  | 12.8/17.0            | 1/60  | 3/5/68              | SINGLE                                                    | 61.6/70.8    | 5.2         | 84/95                    | 90/100                         |
|                         | RXBH-1724A18J -1 | 4.3/5.7              | 1/60  | 1/5/68              | MULTIPLE CKT 1                                            | 20.5/23.6    | 5.2         | 33/36                    | 35/40                          |
|                         |                  | 8.5/11.3             | 1/60  | 2/5/68              | MULTIPLECKT2                                              | 41.1/47.2    | 0           | 52/59                    | 60/60                          |
|                         | RXBH-24A20J-1    | 14.4/19.2            | 1/60  | 4-4.8               | SINGLE                                                    | 69.2/80      | 5.2         | 93/107                   | 100/110                        |
|                         | RXBH-24A20J-1    | 7.2/9.6              | 1/60  | 2-4.8               | MULTIPLE CKT 1                                            | 34.6/40.0    | 5.2         | 50/57                    | 50/60                          |
|                         |                  | 7.2/9.6              | 1/60  | 2-4.8               | MULTIPLE CKT 2                                            | 34.6/40.0    | 0           | 44/50                    | 45/50                          |
|                         | RXBH-24A25J-1    | 18.0/24.0            | 1/60  | 6-4.0               | SINGLE                                                    | 86.4/99.9    | 5.2         | 115/132                  | 125/150                        |
|                         | RXBH-24A25J-1    | 6.0/8.0              | 1/60  | 2-4.0               | MULTIPLE CKT 1                                            | 28.8/33.3    | 5.2         | 43/49                    | 45/50                          |
|                         |                  | 6.0/8.0              | 1/60  | 2-4.0               | MULTIPLE CKT 2                                            | 28.8/33.3    | 0           | 36/42                    | 40/45                          |
|                         |                  | 6.0/8.0              | 1/60  | 2-4.0               | MULTIPLE CKT 3                                            | 28.8/33.3    | 0           | 36/42                    | 40/45                          |
|                         | RXBH-24A30J-1    | 21.6/28.8            | 1/60  | 6-4.8               | SINGLE                                                    | 103.8/120    | 5.2         | 137/157                  | 150/175                        |
|                         | RXBH-24A30J-1    | 7.2/9.6              | 1/60  | 2-4.8               | MULTIPLE CKT 1                                            | 34.6/40.0    | 5.2         | 50/57                    | 50/60                          |
|                         |                  | 7.2/9.6              | 1/60  | 2-4.8               | MULTIPLE CKT 2                                            | 34.6/40.0    | 0           | 44/50                    | 45/50                          |
|                         |                  | 7.2/9.6              | 1/60  | 2-4.8               | MULTIPLE CKT 3                                            | 34.6/40.0    | 0           | 44/50                    | 45/50                          |

? Heater Kit Connection Type A = Breaker B = Terminal Block C = Pullout Disconnect

## Electrical Wiring

### Power Wiring

- Field wiring must comply with the National Electrical Code (C.E.C. in Canada) and any applicable local ordinance.
- Supply wiring must be 75°C minimum copper conductors only.
- See electrical data for product Ampacity rating and Circuit Protector requirement.

## Accessories

### • Combustible Floor Base RXHB-

| Model Cabinet Size | Combustible Floor Base Model Number |
|--------------------|-------------------------------------|
| 17                 | RXHB-17                             |
| 21                 | RXHB-21                             |
| 24                 | RXHB-24                             |

- **Jumper Bar Kit 3 Ckt. to 1 Ckt. RXBJ-A31** is used to convert single phase multiple three circuit units to a single supply circuit. Kit includes cover and screw for line side terminals.
- **Jumper Bar Kit 2 Ckt. to 1 Ckt. RXBJ-A21** is used to convert single phase multiple two circuit units to a single supply circuit. Kit includes cover and screw for line side terminals.
- **Note:** No jumper bar kit is available to convert three phase multiple two circuit units to a single supply circuit.
- **Auxiliary Horizontal Overflow Pan Accessory RXBM-**

| Nominal Cooling Capacity-Tons     | Auxiliary Horizontal Overflow Pan Accessory Model Number |
|-----------------------------------|----------------------------------------------------------|
| 1 <sup>1</sup> / <sub>2</sub> - 3 | RXBM-AC48                                                |
| 3 <sup>1</sup> / <sub>2</sub> - 5 | RXBM-AC61                                                |

### Grounding

- This product must be sufficiently grounded in accordance with National Electrical Code (C.E.C. in Canada) and any applicable local ordinance.
- A grounding lug is provided.

### • Auxiliary Electric Heater Kits RXBH-

Heater Kits include circuit breakers which meet UL and cUL requirements for service disconnect. See the Electric Heat Electrical Data in this specification sheet for specific Heater Kit Model numbers.

### • Horizontal Adapter Kit RXHH-

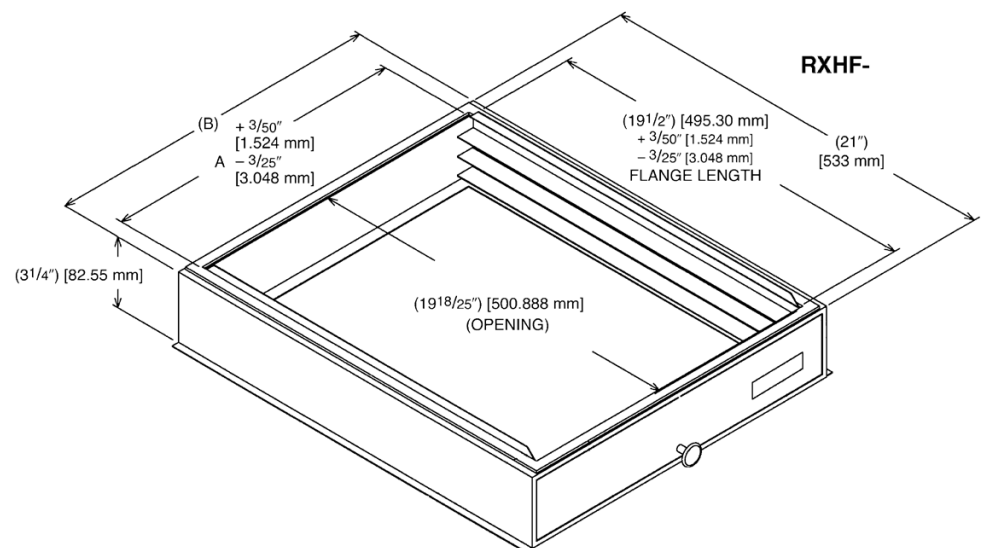
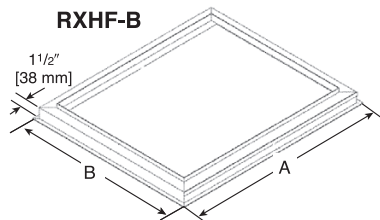
This horizontal adapter kit is used to convert Upflow/Downflow only models to horizontal flow. See the following table to order proper horizontal adapter kit.

| Coil Model           | Horizontal Adapter Kit Model Number (Single Qty.) | Horizontal Adapter Kit Model Number (10-Pack Qty.) |
|----------------------|---------------------------------------------------|----------------------------------------------------|
| 2414                 | RXHH-A01                                          | RXHH-A01 x 10                                      |
| 2417                 | RXHH-A02                                          | RXHH-A02 x 10                                      |
| 3617/3621            | RXHH-A03                                          | RXHH-A03 x 10                                      |
| 3821/4821/4824       | RXHH-A04                                          | RXHH-A04 x 10                                      |
| 3621HT/4821MT/6021ST | RXHH-06                                           | RXHH-06 x 10                                       |
| 6024                 | RXHH-A05                                          | RXHH-A05 x 10                                      |

### • External Filter Base RXHF-

| Model Cabinet Size | Filter Size In. [mm] | Part Number* | A     | B    |
|--------------------|----------------------|--------------|-------|------|
| 17                 | 16 x 20 [406 x 508]  | RXHF-17      | 15.70 | 17.5 |
| 21                 | 20 x 20 [508 x 508]  | RXHF-21      | 19.20 | 21.0 |
| 24                 | 25 x 20 [635 x 508]  | RXHF-24      | 22.70 | 25.5 |

\*Accommodates 1" or 2" filter



[ ] Designates Metric Conversions



## 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.

Conditional Parts  
(Registration Required)..... Ten (10) Years

**\*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.**

**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, Rheem reserves the right to make changes without notice.*

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