

# RPHPE-713

## PRODUCT SPECIFICATIONS

14 SEER/13.4 SEER2  
HEAT PUMP  
PACKAGED UNIT

FORM NO. RPHPE-713-100 (11/2024)

### REFRIGERANT SYSTEM

- Environmentally friendly R454B refrigerant
- Copper tubing with enhanced fin coils
- Internal service gauge ports
- Sleeved distributor tubes
- Antimicrobial insulated drain pan
- High and Low Threaded pressure switches for system protection

### CABINET CONSTRUCTION

- Heavy-gauge galvanized steel base rails with rigging holes
- Rounded corners for safety and an attractive, clean appearance
- One piece base design for strength and stability
- Condensate and coil runoff drains to the perimeter of the unit
- Horizontal and downflow duct openings are flanged to minimize water entry
- Low profile, with compact footprint
- Insulation to minimize heat loss plus reduce sound
- Textured pre-painted steel cabinet finish
- Superior service access to components
- Louvered coil guard protection
- One piece “no leak” top design

### BLOWER

- Insulated compartment to reduce sound
- Efficient constant torque motor for wide airflow range
- Slide out blower housing for easy service

### CONTROLS

- Integrated control with L.E.D. self diagnostics
- Demand defrost control board with frost detection logic (2 ton models)
- Defrost control board with field-selectable time intervals (2.5 - 5 ton models)
- Built in short cycle protection to protect compressor
- Built in “quiet shift” operation during defrost on select models

### INSTALLATION

- Horizontal or down discharge capable
- Horizontal and downflow duct covers provided with unit for installation flexibility
- Drain pan float switch monitors condensate level in drain pan and shuts down unit if drain becomes clogged
- Utility connections on “right side”
- Kits enable bottom gas and power entry through base pan
- Seismic Certification (with Seismic Strapping Kit applied): Latest Edition of International Building Code, California Building Code, and ASCE 7-16



### ACCESSORIES

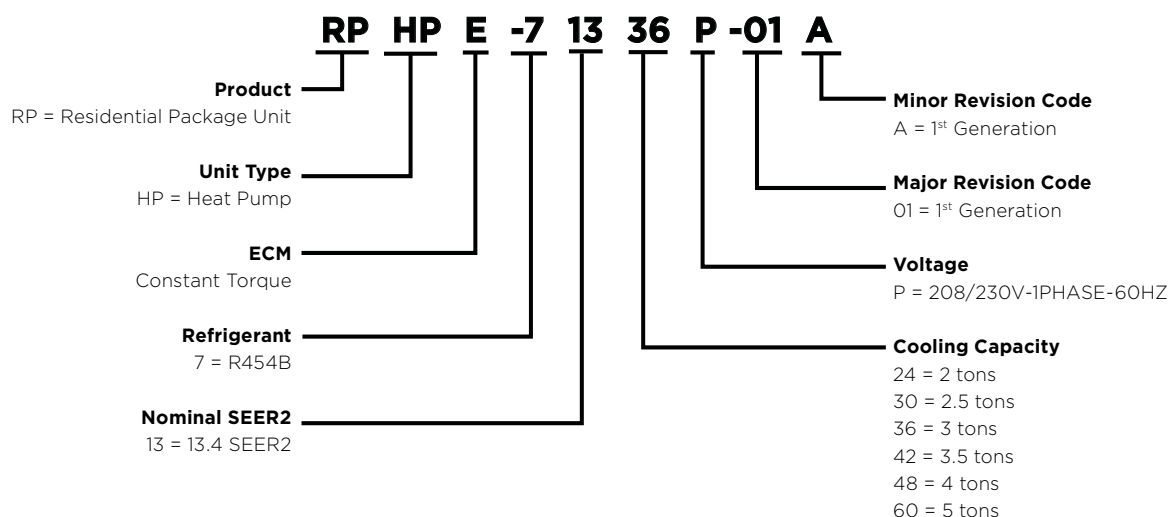
- Clip roof curbs and adjustable pitch roof curbs available
- Internal filter kits
- Electric strip heat with optional single point power entry (side entry only)
- Duct adapters
- Closure kit for base rail openings

### WARRANTY

10 year limited parts and compressor warranty. See limited warranty document for details.



## MODEL NUMBER GUIDE



## ELECTRICAL AND PHYSICAL DATA

| Model       | Voltage | Phase | Hz | Min Volts<br>@ 60 hz | MCA  | Max Fuse/<br>HACR<br>Breaker | Compressor | Blower Motor |     | Condenser Motor |     | Refrig.<br>Charge<br>(oz.) | Weight<br>(lbs.) |
|-------------|---------|-------|----|----------------------|------|------------------------------|------------|--------------|-----|-----------------|-----|----------------------------|------------------|
|             |         |       |    |                      |      |                              | RLA        | FLA          | HP  | FLA             | HP  |                            |                  |
| RPHPE-71324 | 208-230 | 1     | 60 | 195                  | 17.5 | 25.0                         | 10.9       | 2.8          | 1/3 | 1.0             | 1/6 | 81oz                       | 369              |
| RPHPE-71330 |         |       |    |                      | 20.9 | 30.0                         | 12.7       | 4.1          | 1/2 | 1.0             | 1/6 | 81 oz                      | 379              |
| RPHPE-71336 |         |       |    |                      | 24.8 | 40.0                         | 16.6       | 3.0          | 1/2 | 1.0             | 1/6 | 101 oz                     | 388              |
| RPHPE-71342 |         |       |    |                      | 27.9 | 40.0                         | 16.2       | 6.0          | 3/4 | 1.7             | 1/4 | 150 oz                     | 460              |
| RPHPE-71348 |         |       |    |                      | 32.0 | 50.0                         | 19.5       | 6.0          | 3/4 | 1.7             | 1/4 | 143 oz                     | 464              |
| RPHPE-71360 |         |       |    |                      | 37.5 | 60.0                         | 25.6       | 3.9          | 1   | 1.7             | 1/4 | 150 oz                     | 503              |

## PERFORMANCE

| MODEL       | COOLING                                                |               |                 |                                                      | HEATING                   |                          |                 |                           |                          | Sound<br>dBA |
|-------------|--------------------------------------------------------|---------------|-----------------|------------------------------------------------------|---------------------------|--------------------------|-----------------|---------------------------|--------------------------|--------------|
|             | Rated<br>AHRI<br>Capacity<br>Btuh<br>(SEER /<br>SEER2) | Efficiency    |                 | Rated Sensible<br>Capacity Btuh<br>(SEER /<br>SEER2) | 47 DEG.                   |                          | HSPF /<br>HSPF2 | 17 DEG.                   |                          |              |
|             |                                                        | SEER /<br>EER | SEER2 /<br>EER2 |                                                      | BTUH<br>(HSPF /<br>HSPF2) | COP<br>(HSPF /<br>HSPF2) |                 | BTUH<br>(HSPF /<br>HSPF2) | COP<br>(HSPF /<br>HSPF2) |              |
| RPHPE-71324 | 22,600 /<br>23,000                                     | 14.0 / 11.0   | 13.4 / 10.6     | 17,800 / 18,100                                      | 22,000 /<br>21,600        | 3.8 / 3.4                | 8.0 / 6.7       | 12,300 /<br>11,900        | 2.3 / 1.9                | 78           |
| RPHPE-71330 | 28,600 /<br>28,600                                     |               |                 | 22,500 /<br>22,500                                   | 27,000 /<br>25,800        | 3.7 / 3.7                |                 | 15,900 /<br>15,000        | 2.3 / 2.2                | 78           |
| RPHPE-71336 | 34,000 /<br>34,000                                     |               |                 | 26,800 /<br>26,800                                   | 32,400 /<br>32,600        | 3.7 / 3.6                |                 | 20,000 /<br>18,300        | 2.3 / 2.1                | 78           |
| RPHPE-71342 | 40,000 /<br>39,500                                     |               |                 | 31,200 /<br>30,800                                   | 39,000 /<br>40,000        | 3.6 / 3.5                |                 | 23,600 /<br>22,500        | 2.3 / 2.1                | 78           |
| RPHPE-71348 | 46,000 /<br>45,500                                     |               |                 | 35,800 /<br>35,400                                   | 45,000 /<br>47,000        | 3.7 / 3.6                |                 | 27,000 /<br>28,200        | 2.3 / 2.3                | 79           |
| RPHPE-71360 | 57,000 /<br>56,000                                     |               |                 | 43,300 /<br>42,500                                   | 56,000 /<br>58,000        | 3.7 / 3.3                |                 | 33,600 /<br>33,300        | 2.4 / 2.0                | 78           |

\*Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240

**BLOWER PERFORMANCE**

| Model       | Blower Tap | CFM @ ext. Static Pressure in in. wc without filter, dry coil |      |      |      |      |      |      |      |      |      |
|-------------|------------|---------------------------------------------------------------|------|------|------|------|------|------|------|------|------|
|             |            | 0.1                                                           | 0.2  | 0.3  | 0.4  | 0.5  | 0.6  | 0.7  | 0.8  | 0.9  | 1.0  |
| RPHPE-71324 | TAP 1      | 680                                                           | 590  | 550  | 450  | 380  | N/A  | N/A  | N/A  | N/A  | N/A  |
|             | TAP 2      | 890                                                           | 830  | 800  | 760  | 710  | 680  | 640  | 600  | N/A  | N/A  |
|             | TAP 3      | 1000                                                          | 965  | 930  | 900  | 870  | 835  | 805  | 770  | 740  | 695  |
| RPHPE-71330 | TAP 1      | 680                                                           | 640  | 600  | 570  | 530  | 490  | N/A  | N/A  | N/A  | N/A  |
|             | TAP 2      | 1100                                                          | 1070 | 1050 | 1020 | 990  | 960  | 930  | 900  | N/A  | N/A  |
|             | TAP 3      | 1195                                                          | 1160 | 1130 | 1110 | 1070 | 1040 | 1005 | 970  | 935  | 875  |
| RPHPE-71336 | TAP 1      | 860                                                           | 810  | 760  | 710  | 640  | 590  | 550  | 490  | N/A  | N/A  |
|             | TAP 2      | 1300                                                          | 1265 | 1235 | 1200 | 1165 | 1125 | 1085 | 1040 | 1000 | 885  |
|             | TAP 3      | 1450                                                          | 1425 | 1395 | 1350 | 1320 | 1285 | 1250 | 1165 | 1045 | 860  |
| RPHPE-71342 | TAP 1      | 800                                                           | 720  | 640  | 550  | 475  | 390  | 310  | 0    | 0    | 0    |
|             | TAP 2      | 1470                                                          | 1410 | 1360 | 1300 | 1260 | 1210 | 1155 | 1095 | 1000 | 940  |
|             | TAP 3      | 1580                                                          | 1540 | 1505 | 1460 | 1415 | 1370 | 1320 | 1235 | 1135 | 1060 |
| RPHPE-71348 | TAP 1      | 1145                                                          | 1075 | 1000 | 930  | 850  | 790  | 740  | 670  | 570  | 490  |
|             | TAP 2      | 1675                                                          | 1630 | 1600 | 1540 | 1490 | 1440 | 1390 | 1300 | 1230 | 1125 |
|             | TAP 3      | 1840                                                          | 1800 | 1760 | 1720 | 1670 | 1615 | 1555 | 1500 | N/A  | N/A  |
| RPHPE-71360 | TAP 1      | 1400                                                          | 1320 | 1260 | 1200 | 1120 | 1060 | 980  | 900  | N/A  | N/A  |
|             | TAP 2      | 1920                                                          | 1870 | 1820 | 1770 | 1720 | 1670 | 1450 | 1360 | N/A  | N/A  |
|             | TAP 3      | 1970                                                          | 1915 | 1865 | 1820 | 1770 | 1725 | 1685 | 1640 | 1595 | 1540 |

## COOLING PERFORMANCE - EXTENDED RATINGS

| Outdoor Model | Enter-ing Wet Bulb Temperature | Total Air Volume |     | Outdoor Temperature - DB °F |      |                               |                               |             |             |                        |     |                               |                               |             |       |                        |             |                               |                               |       |      |                        |             |                               |                               |      |      |
|---------------|--------------------------------|------------------|-----|-----------------------------|------|-------------------------------|-------------------------------|-------------|-------------|------------------------|-----|-------------------------------|-------------------------------|-------------|-------|------------------------|-------------|-------------------------------|-------------------------------|-------|------|------------------------|-------------|-------------------------------|-------------------------------|------|------|
|               |                                |                  |     | 85° F (29.4° C)             |      |                               |                               |             |             | 95° F (35° C)          |     |                               |                               |             |       | 105° F (40.6° C)       |             |                               |                               |       |      | 115° F (46.1° C)       |             |                               |                               |      |      |
|               |                                |                  |     | Total Cooling Capacity      |      | Com-pressor Motor Watts Input | Sensible To Total Ratio (S/T) |             |             | Total Cooling Capacity |     | Com-pressor Motor Watts Input | Sensible To Total Ratio (S/T) |             |       | Total Cooling Capacity |             | Com-pressor Motor Watts Input | Sensible To Total Ratio (S/T) |       |      | Total Cooling Capacity |             | Com-pressor Motor Watts Input | Sensible To Total Ratio (S/T) |      |      |
|               |                                | Dry Bulb         |     |                             |      |                               | Dry Bulb                      |             |             |                        |     |                               | Dry Bulb                      |             |       |                        |             |                               | Dry Bulb                      |       |      |                        |             |                               |                               |      |      |
|               |                                | cfm              | L/s | kBtuh                       | kW   |                               | 75°F 23.9°C                   | 80°F 26.7°C | 85°F 29.4°C | kBtuh                  | kW  | 75°F 23.9°C                   | 80°F 26.7°C                   | 85°F 29.4°C | kBtuh | kW                     | 75°F 23.9°C | 80°F 26.7°C                   | 85°F 29.4°C                   | kBtuh | kW   | 75°F 23.9°C            | 80°F 26.7°C | 85°F 29.4°C                   |                               |      |      |
| RPHPE-71324   | 59°F (15°C)                    | 700              | 330 | 23.2                        | 6.8  | 1360                          | .96                           | 1.00        | 1.00        | 22.2                   | 6.5 | 1560                          | .99                           | 1.00        | 1.00  | 21.4                   | 6.3         | 1800                          | 1.00                          | 1.00  | 1.00 | 20.4                   | 6.0         | 2060                          | 1.00                          | 1.00 | 1.00 |
|               |                                | 850              | 400 | 24.6                        | 7.2  | 1360                          | 1.00                          | 1.00        | 1.00        | 23.6                   | 6.9 | 1560                          | 1.00                          | 1.00        | 1.00  | 22.6                   | 6.6         | 1790                          | 1.00                          | 1.00  | 1.00 | 21.6                   | 6.3         | 2060                          | 1.00                          | 1.00 | 1.00 |
|               |                                | 1000             | 470 | 25.6                        | 7.5  | 1360                          | 1.00                          | 1.00        | 1.00        | 24.6                   | 7.2 | 1560                          | 1.00                          | 1.00        | 1.00  | 23.6                   | 6.9         | 1790                          | 1.00                          | 1.00  | 1.00 | 22.4                   | 6.6         | 2050                          | 1.00                          | 1.00 | 1.00 |
|               | 63°F (17.2°C)                  | 700              | 330 | 24.0                        | 7.0  | 1360                          | .79                           | .93         | 1.00        | 22.8                   | 6.7 | 1560                          | .81                           | .96         | 1.00  | 21.8                   | 6.4         | 1800                          | .83                           | .98   | 1.00 | 20.4                   | 6.0         | 2060                          | .86                           | 1.00 | 1.00 |
|               |                                | 850              | 400 | 24.8                        | 7.3  | 1360                          | .85                           | 1.00        | 1.00        | 23.6                   | 6.9 | 1560                          | .87                           | 1.00        | 1.00  | 22.6                   | 6.6         | 1790                          | .90                           | 1.00  | 1.00 | 21.6                   | 6.3         | 2060                          | .93                           | 1.00 | 1.00 |
|               |                                | 1000             | 470 | 25.8                        | 7.6  | 1360                          | .90                           | 1.00        | 1.00        | 24.6                   | 7.2 | 1560                          | .93                           | 1.00        | 1.00  | 23.6                   | 6.9         | 1790                          | .96                           | 1.00  | 1.00 | 22.4                   | 6.6         | 2050                          | .99                           | 1.00 | 1.00 |
|               | 67°F (19.4°C)                  | 700              | 330 | 25.2                        | 7.4  | 1360                          | .64                           | .77         | .90         | 24.2                   | 7.1 | 1560                          | .65                           | .79         | .93   | 23.0                   | 6.7         | 1790                          | .66                           | .81   | .95  | 21.6                   | 6.3         | 2060                          | .68                           | .84  | .99  |
|               |                                | 850              | 400 | 26.2                        | 7.7  | 1360                          | .67                           | .83         | .98         | 25.0                   | 7.3 | 1560                          | .69                           | .85         | 1.00  | 23.8                   | 7.0         | 1790                          | .71                           | .88   | 1.00 | 22.4                   | 6.6         | 2050                          | .72                           | .91  | 1.00 |
|               |                                | 1000             | 470 | 27.0                        | 7.9  | 1360                          | .71                           | .88         | 1.00        | 25.8                   | 7.6 | 1560                          | .73                           | .91         | 1.00  | 24.4                   | 7.2         | 1790                          | .75                           | .94   | 1.00 | 23.0                   | 6.7         | 2050                          | .77                           | .98  | 1.00 |
|               | 71°F (21.7°C)                  | 700              | 330 | 26.6                        | 7.8  | 1360                          | .49                           | .63         | .75         | 25.6                   | 7.5 | 1560                          | .49                           | .64         | .77   | 24.4                   | 7.2         | 1790                          | .51                           | .65   | .79  | 23.0                   | 6.7         | 2050                          | .52                           | .67  | .82  |
|               |                                | 850              | 400 | 27.8                        | 8.1  | 1350                          | .51                           | .67         | .81         | 26.6                   | 7.8 | 1560                          | .52                           | .68         | .83   | 25.2                   | 7.4         | 1790                          | .53                           | .69   | .86  | 23.8                   | 7.0         | 2050                          | .55                           | .72  | .89  |
|               |                                | 1000             | 470 | 28.6                        | 8.4  | 1350                          | .54                           | .71         | .87         | 27.2                   | 8.0 | 1560                          | .54                           | .72         | .90   | 25.8                   | 7.6         | 1790                          | .56                           | .74   | .93  | 24.4                   | 7.2         | 2050                          | .58                           | .77  | .96  |
| RPHPE-71330   | 59°F (15°C)                    | 850              | 400 | 28.0                        | 8.2  | 1760                          | .96                           | 1.00        | 1.00        | 27.0                   | 7.9 | 1980                          | .99                           | 1.00        | 1.00  | 25.6                   | 7.5         | 2240                          | 1.00                          | 1.00  | 1.00 | 24.6                   | 7.2         | 2540                          | 1.00                          | 1.00 | 1.00 |
|               |                                | 1050             | 495 | 30.0                        | 8.8  | 1770                          | 1.00                          | 1.00        | 1.00        | 28.8                   | 8.4 | 1990                          | 1.00                          | 1.00        | 1.00  | 27.4                   | 8.0         | 2250                          | 1.00                          | 1.00  | 1.00 | 26.2                   | 7.7         | 2550                          | 1.00                          | 1.00 | 1.00 |
|               |                                | 1250             | 590 | 31.4                        | 9.2  | 1770                          | 1.00                          | 1.00        | 1.00        | 30.2                   | 8.9 | 2000                          | 1.00                          | 1.00        | 1.00  | 29.0                   | 8.5         | 2260                          | 1.00                          | 1.00  | 1.00 | 27.4                   | 8.0         | 2560                          | 1.00                          | 1.00 | 1.00 |
|               | 63°F (17.2°C)                  | 850              | 400 | 28.6                        | 8.4  | 1760                          | .79                           | .94         | 1.00        | 27.6                   | 8.1 | 1990                          | .82                           | .96         | 1.00  | 26.2                   | 7.7         | 2250                          | .84                           | .99   | 1.00 | 24.8                   | 7.3         | 2540                          | .86                           | 1.00 | 1.00 |
|               |                                | 1050             | 495 | 30.0                        | 8.8  | 1770                          | .86                           | 1.00        | 1.00        | 28.8                   | 8.4 | 1990                          | .88                           | 1.00        | 1.00  | 27.4                   | 8.0         | 2250                          | .91                           | 1.00  | 1.00 | 26.2                   | 7.7         | 2550                          | .94                           | 1.00 | 1.00 |
|               |                                | 1250             | 590 | 31.4                        | 9.2  | 1770                          | .92                           | 1.00        | 1.00        | 30.2                   | 8.9 | 2000                          | .94                           | 1.00        | 1.00  | 29.0                   | 8.5         | 2260                          | .98                           | 1.00  | 1.00 | 27.4                   | 8.0         | 2560                          | 1.00                          | 1.00 | 1.00 |
|               | 67°F (19.4°C)                  | 850              | 400 | 30.6                        | 9.0  | 1770                          | .65                           | .78         | .91         | 29.4                   | 8.6 | 2000                          | .66                           | .80         | .93   | 27.8                   | 8.1         | 2260                          | .67                           | .82   | .96  | 26.2                   | 7.7         | 2550                          | .69                           | .84  | .99  |
|               |                                | 1050             | 495 | 32.0                        | 9.4  | 1780                          | .69                           | .84         | .99         | 30.4                   | 8.9 | 2000                          | .70                           | .86         | 1.00  | 29.0                   | 8.5         | 2260                          | .72                           | .89   | 1.00 | 27.4                   | 8.0         | 2560                          | .74                           | .92  | 1.00 |
|               |                                | 1250             | 590 | 32.8                        | 9.6  | 1780                          | .73                           | .90         | 1.00        | 31.2                   | 9.1 | 2010                          | .75                           | .93         | 1.00  | 29.8                   | 8.7         | 2270                          | .77                           | .96   | 1.00 | 28.0                   | 8.2         | 2560                          | .80                           | 1.00 | 1.00 |
|               | 71°F (21.7°C)                  | 850              | 400 | 32.6                        | 9.6  | 1780                          | .50                           | .64         | .76         | 31.2                   | 9.1 | 2010                          | .51                           | .65         | .78   | 29.6                   | 8.7         | 2270                          | .52                           | .66   | .80  | 28.0                   | 8.2         | 2560                          | .53                           | .68  | .83  |
|               |                                | 1050             | 495 | 34.0                        | 10.0 | 1790                          | .53                           | .68         | .82         | 32.4                   | 9.5 | 2010                          | .54                           | .70         | .85   | 30.8                   | 9.0         | 2270                          | .55                           | .71   | .87  | 29.0                   | 8.5         | 2570                          | .57                           | .74  | .91  |
|               |                                | 1250             | 590 | 35.0                        | 10.3 | 1790                          | .56                           | .72         | .89         | 33.4                   | 9.8 | 2020                          | .57                           | .75         | .92   | 31.6                   | 9.3         | 2280                          | .58                           | .77   | .95  | 29.8                   | 8.7         | 2580                          | .60                           | .79  | .98  |

## COOLING PERFORMANCE - EXTENDED RATINGS

| Outdoor Model | Enter-ing Wet Bulb Temper-ature | Total Air Volume |     | Outdoor Temperature - DB °F |      |                               |                               |                |       |                        |                |                               |                               |          |      |                        |                |                               |                               |          |                |                        |                |                               |                               |      |      |
|---------------|---------------------------------|------------------|-----|-----------------------------|------|-------------------------------|-------------------------------|----------------|-------|------------------------|----------------|-------------------------------|-------------------------------|----------|------|------------------------|----------------|-------------------------------|-------------------------------|----------|----------------|------------------------|----------------|-------------------------------|-------------------------------|------|------|
|               |                                 |                  |     | 85° F (29.4° C)             |      |                               |                               |                |       | 95° F (35° C)          |                |                               |                               |          |      | 105° F (40.6° C)       |                |                               |                               |          |                | 115° F (46.1° C)       |                |                               |                               |      |      |
|               |                                 |                  |     | Total Cooling Capacity      |      | Com-pressor Motor Watts Input | Sensible To Total Ratio (S/T) |                |       | Total Cooling Capacity |                | Com-pressor Motor Watts Input | Sensible To Total Ratio (S/T) |          |      | Total Cooling Capacity |                | Com-pressor Motor Watts Input | Sensible To Total Ratio (S/T) |          |                | Total Cooling Capacity |                | Com-pressor Motor Watts Input | Sensible To Total Ratio (S/T) |      |      |
|               |                                 |                  |     |                             |      |                               |                               |                |       |                        |                |                               |                               |          |      |                        |                |                               |                               |          |                |                        |                |                               |                               |      |      |
|               |                                 | Dry Bulb         |     |                             |      |                               |                               | Dry Bulb       |       |                        |                |                               |                               | Dry Bulb |      |                        |                |                               |                               | Dry Bulb |                |                        |                |                               |                               |      |      |
|               |                                 | cfm              | L/s | kBtuh                       | kW   | 75°F<br>23.9°C                | 80°F<br>26.7°C                | 85°F<br>29.4°C | kBtuh | kW                     | 75°F<br>23.9°C | 80°F<br>26.7°C                | 85°F<br>29.4°C                | kBtuh    | kW   | 75°F<br>23.9°C         | 80°F<br>26.7°C | 85°F<br>29.4°C                | kBtuh                         | kW       | 75°F<br>23.9°C | 80°F<br>26.7°C         | 85°F<br>29.4°C |                               |                               |      |      |
| RPHPE-71336   | 59°F<br>(15°C)                  | 1000             | 470 | 33.8                        | 9.9  | 2130                          | .95                           | 1.00           | 1.00  | 32.6                   | 9.6            | 2430                          | .97                           | 1.00     | 1.00 | 31.2                   | 9.1            | 2770                          | .99                           | 1.00     | 1.00           | 29.6                   | 8.7            | 3160                          | 1.00                          | 1.00 | 1.00 |
|               |                                 | 1200             | 565 | 35.6                        | 10.4 | 2140                          | 1.00                          | 1.00           | 1.00  | 34.4                   | 10.1           | 2440                          | 1.00                          | 1.00     | 1.00 | 32.8                   | 9.6            | 2780                          | 1.00                          | 1.00     | 1.00           | 31.4                   | 9.2            | 3170                          | 1.00                          | 1.00 | 1.00 |
|               |                                 | 1400             | 660 | 37.2                        | 10.9 | 2150                          | 1.00                          | 1.00           | 1.00  | 35.8                   | 10.5           | 2450                          | 1.00                          | 1.00     | 1.00 | 34.4                   | 10.1           | 2800                          | 1.00                          | 1.00     | 1.00           | 32.4                   | 9.5            | 3180                          | 1.00                          | 1.00 | 1.00 |
|               | 63°F<br>(17.2°C)                | 1000             | 470 | 35.2                        | 10.3 | 2140                          | .78                           | .91            | 1.00  | 33.6                   | 9.8            | 2440                          | .80                           | .94      | 1.00 | 31.8                   | 9.3            | 2780                          | .81                           | .97      | 1.00           | 30.0                   | 8.8            | 3170                          | .84                           | 1.00 | 1.00 |
|               |                                 | 1200             | 565 | 36.2                        | 10.6 | 2150                          | .83                           | .98            | 1.00  | 34.8                   | 10.2           | 2450                          | .85                           | 1.00     | 1.00 | 33.0                   | 9.7            | 2790                          | .87                           | 1.00     | 1.00           | 31.4                   | 9.2            | 3170                          | .90                           | 1.00 | 1.00 |
|               |                                 | 1400             | 660 | 37.4                        | 11.0 | 2150                          | .88                           | 1.00           | 1.00  | 35.8                   | 10.5           | 2450                          | .90                           | 1.00     | 1.00 | 34.4                   | 10.1           | 2800                          | .93                           | 1.00     | 1.00           | 32.4                   | 9.5            | 3180                          | .96                           | 1.00 | 1.00 |
|               | 67°F<br>(19.4°C)                | 1000             | 470 | 37.2                        | 10.9 | 2150                          | .63                           | .76            | .89   | 35.6                   | 10.4           | 2450                          | .65                           | .78      | .91  | 34.0                   | 10.0           | 2790                          | .66                           | .80      | .93            | 32.0                   | 9.4            | 3180                          | .67                           | .82  | .97  |
|               |                                 | 1200             | 565 | 38.5                        | 11.3 | 2160                          | .66                           | .81            | .95   | 37.0                   | 10.8           | 2460                          | .68                           | .83      | .97  | 35.0                   | 10.3           | 2800                          | .70                           | .85      | 1.00           | 33.0                   | 9.7            | 3180                          | .72                           | .88  | 1.00 |
|               |                                 | 1400             | 660 | 39.5                        | 11.6 | 2170                          | .70                           | .86            | 1.00  | 37.8                   | 11.1           | 2470                          | .72                           | .89      | 1.00 | 35.8                   | 10.5           | 2810                          | .73                           | .91      | 1.00           | 34.0                   | 10.0           | 3190                          | .76                           | .94  | 1.00 |
|               | 71°F<br>(21.7°C)                | 1000             | 470 | 39.0                        | 11.4 | 2170                          | .49                           | .62            | .74   | 37.6                   | 11.0           | 2460                          | .51                           | .63      | .76  | 36.0                   | 10.6           | 2810                          | .51                           | .65      | .78            | 33.8                   | 9.9            | 3190                          | .52                           | .66  | .80  |
|               |                                 | 1200             | 565 | 40.5                        | 11.9 | 2180                          | .52                           | .66            | .79   | 39.0                   | 11.4           | 2470                          | .53                           | .67      | .81  | 37.0                   | 10.8           | 2810                          | .54                           | .69      | .83            | 35.0                   | 10.3           | 3190                          | .55                           | .71  | .87  |
|               |                                 | 1400             | 660 | 41.5                        | 12.2 | 2180                          | .54                           | .70            | .84   | 40.0                   | 11.7           | 2480                          | .55                           | .71      | .87  | 38.0                   | 11.1           | 2820                          | .56                           | .73      | .90            | 35.8                   | 10.5           | 3200                          | .58                           | .75  | .93  |
| RPHPE-71342   | 59°F<br>(15°C)                  | 1100             | 520 | 38.5                        | 11.3 | 2410                          | .92                           | 1.00           | 1.00  | 37.0                   | 10.8           | 2720                          | .94                           | 1.00     | 1.00 | 35.6                   | 10.4           | 3050                          | .96                           | 1.00     | 1.00           | 33.8                   | 9.9            | 3420                          | .99                           | 1.00 | 1.00 |
|               |                                 | 1400             | 660 | 41.5                        | 12.2 | 2390                          | .99                           | 1.00           | 1.00  | 40.0                   | 11.7           | 2700                          | 1.00                          | 1.00     | 1.00 | 38.5                   | 11.3           | 3030                          | 1.00                          | 1.00     | 1.00           | 36.4                   | 10.7           | 3410                          | 1.00                          | 1.00 | 1.00 |
|               |                                 | 1700             | 800 | 44.5                        | 13.0 | 2360                          | 1.00                          | 1.00           | 1.00  | 42.5                   | 12.5           | 2680                          | 1.00                          | 1.00     | 1.00 | 40.5                   | 11.9           | 3020                          | 1.00                          | 1.00     | 1.00           | 38.5                   | 11.3           | 3410                          | 1.00                          | 1.00 | 1.00 |
|               | 63°F<br>(17.2°C)                | 1100             | 520 | 40.0                        | 11.7 | 2400                          | .76                           | .89            | 1.00  | 38.0                   | 11.1           | 2710                          | .78                           | .91      | 1.00 | 36.4                   | 10.7           | 3040                          | .79                           | .94      | 1.00           | 34.6                   | 10.1           | 3420                          | .81                           | .96  | 1.00 |
|               |                                 | 1400             | 660 | 42.5                        | 12.5 | 2380                          | .82                           | .97            | 1.00  | 40.5                   | 11.9           | 2690                          | .84                           | .99      | 1.00 | 38.0                   | 11.1           | 3040                          | .86                           | 1.00     | 1.00           | 36.4                   | 10.7           | 3410                          | .89                           | 1.00 | 1.00 |
|               |                                 | 1700             | 800 | 44.0                        | 12.9 | 2360                          | .88                           | 1.00           | 1.00  | 42.5                   | 12.5           | 2680                          | .91                           | 1.00     | 1.00 | 40.5                   | 11.9           | 3020                          | .94                           | 1.00     | 1.00           | 38.5                   | 11.3           | 3410                          | .97                           | 1.00 | 1.00 |
|               | 67°F<br>(19.4°C)                | 1100             | 520 | 42.5                        | 12.5 | 2380                          | .61                           | .74            | .86   | 40.5                   | 11.9           | 2690                          | .63                           | .76      | .88  | 38.5                   | 11.3           | 3030                          | .64                           | .77      | .91            | 36.6                   | 10.7           | 3410                          | .65                           | .79  | .93  |
|               |                                 | 1400             | 660 | 45.0                        | 13.2 | 2360                          | .65                           | .80            | .95   | 42.5                   | 12.5           | 2670                          | .67                           | .82      | .97  | 40.5                   | 11.9           | 3020                          | .68                           | .85      | .99            | 38.5                   | 11.3           | 3410                          | .70                           | .87  | 1.00 |
|               |                                 | 1700             | 800 | 46.5                        | 13.6 | 2340                          | .69                           | .86            | 1.00  | 44.0                   | 12.9           | 2660                          | .71                           | .89      | 1.00 | 42.0                   | 12.3           | 3000                          | .73                           | .92      | 1.00           | 39.5                   | 11.6           | 3400                          | .75                           | .96  | 1.00 |
|               | 71°F<br>(21.7°C)                | 1100             | 520 | 45.0                        | 13.2 | 2350                          | .48                           | .60            | .72   | 43.0                   | 12.6           | 2670                          | .48                           | .61      | .73  | 41.0                   | 12.0           | 3010                          | .49                           | .63      | .75            | 39.0                   | 11.4           | 3410                          | .50                           | .64  | .77  |
|               |                                 | 1400             | 660 | 47.0                        | 13.8 | 2330                          | .49                           | .64            | .78   | 45.0                   | 13.2           | 2640                          | .51                           | .66      | .80  | 42.5                   | 12.5           | 3000                          | .52                           | .68      | .83            | 40.5                   | 11.9           | 3390                          | .52                           | .69  | .86  |
|               |                                 | 1700             | 800 | 48.5                        | 14.2 | 2310                          | .52                           | .68            | .84   | 46.5                   | 13.6           | 2630                          | .53                           | .70      | .87  | 44.5                   | 13.0           | 2980                          | .53                           | .73      | .90            | 41.5                   | 12.2           | 3380                          | .55                           | .75  | .93  |

## COOLING PERFORMANCE - EXTENDED RATINGS

| Outdoor Model | Enter-ing Wet Bulb Temper-ature | Total Air Volume |      | Outdoor Temperature - DB °F |      |                               |                               |      |             |                        |      |                               |                               |             |       |                        |      |                               |                               |             |             |                        |      |                               |                               |       |    |
|---------------|---------------------------------|------------------|------|-----------------------------|------|-------------------------------|-------------------------------|------|-------------|------------------------|------|-------------------------------|-------------------------------|-------------|-------|------------------------|------|-------------------------------|-------------------------------|-------------|-------------|------------------------|------|-------------------------------|-------------------------------|-------|----|
|               |                                 |                  |      | 85° F (29.4° C)             |      |                               |                               |      |             | 95° F (35° C)          |      |                               |                               |             |       | 105° F (40.6° C)       |      |                               |                               |             |             | 115° F (46.1° C)       |      |                               |                               |       |    |
|               |                                 |                  |      | Total Cooling Capacity      |      | Com-pressor Motor Watts Input | Sensible To Total Ratio (S/T) |      |             | Total Cooling Capacity |      | Com-pressor Motor Watts Input | Sensible To Total Ratio (S/T) |             |       | Total Cooling Capacity |      | Com-pressor Motor Watts Input | Sensible To Total Ratio (S/T) |             |             | Total Cooling Capacity |      | Com-pressor Motor Watts Input | Sensible To Total Ratio (S/T) |       |    |
|               |                                 |                  |      |                             |      |                               |                               |      |             |                        |      |                               |                               |             |       |                        |      |                               |                               |             |             |                        |      |                               |                               |       |    |
|               |                                 | cfm              | L/s  |                             |      |                               | kBtuh                         | kW   | 75°F 23.9°C |                        |      |                               | 80°F 26.7°C                   | 85°F 29.4°C | kBtuh |                        |      |                               | kW                            | 75°F 23.9°C | 80°F 26.7°C |                        |      |                               | 85°F 29.4°C                   | kBtuh | kW |
|               |                                 | RPHPE-71348      |      |                             |      |                               |                               |      |             |                        |      |                               |                               |             |       |                        |      |                               |                               |             |             |                        |      |                               |                               |       |    |
| 59°F (15°C)   | 1300                            | 615              | 44.0 | 12.9                        | 2720 | .95                           | 1.00                          | 1.00 | 42.0        | 12.3                   | 3090 | .97                           | 1.00                          | 1.00        | 40.5  | 11.9                   | 3510 | 1.00                          | 1.00                          | 1.00        | 38.5        | 11.3                   | 3980 | 1.00                          | 1.00                          | 1.00  |    |
|               | 1650                            | 780              | 47.5 | 13.9                        | 2730 | 1.00                          | 1.00                          | 1.00 | 45.5        | 13.3                   | 3100 | 1.00                          | 1.00                          | 1.00        | 43.5  | 12.7                   | 3520 | 1.00                          | 1.00                          | 1.00        | 41.5        | 12.2                   | 3990 | 1.00                          | 1.00                          | 1.00  |    |
|               | 2000                            | 945              | 50.0 | 14.7                        | 2730 | 1.00                          | 1.00                          | 1.00 | 48.0        | 14.1                   | 3110 | 1.00                          | 1.00                          | 1.00        | 46.0  | 13.5                   | 3530 | 1.00                          | 1.00                          | 1.00        | 43.5        | 12.7                   | 4000 | 1.00                          | 1.00                          | 1.00  |    |
| 63°F (17.2°C) | 1300                            | 615              | 45.0 | 13.2                        | 2720 | .78                           | .92                           | 1.00 | 43.5        | 12.7                   | 3090 | .80                           | .94                           | 1.00        | 41.5  | 12.2                   | 3510 | .82                           | .97                           | 1.00        | 39.0        | 11.4                   | 3980 | .84                           | 1.00                          | 1.00  |    |
|               | 1650                            | 780              | 47.5 | 13.9                        | 2730 | .85                           | 1.00                          | 1.00 | 45.5        | 13.3                   | 3100 | .87                           | 1.00                          | 1.00        | 43.5  | 12.7                   | 3520 | .89                           | 1.00                          | 1.00        | 41.5        | 12.2                   | 3990 | .93                           | 1.00                          | 1.00  |    |
|               | 2000                            | 945              | 50.0 | 14.7                        | 2730 | .92                           | 1.00                          | 1.00 | 48.0        | 14.1                   | 3110 | .94                           | 1.00                          | 1.00        | 46.0  | 13.5                   | 3530 | .97                           | 1.00                          | 1.00        | 43.5        | 12.7                   | 4000 | 1.00                          | 1.00                          | 1.00  |    |
| 67°F (19.4°C) | 1300                            | 615              | 48.0 | 14.1                        | 2730 | .62                           | .76                           | .89  | 46.0        | 13.5                   | 3100 | .64                           | .78                           | .91         | 43.5  | 12.7                   | 3520 | .65                           | .80                           | .94         | 41.0        | 12.0                   | 3990 | .66                           | .82                           | .97   |    |
|               | 1650                            | 780              | 50.5 | 14.8                        | 2730 | .67                           | .83                           | .98  | 48.0        | 14.1                   | 3110 | .69                           | .85                           | 1.00        | 45.5  | 13.3                   | 3530 | .70                           | .88                           | 1.00        | 43.0        | 12.6                   | 4000 | .72                           | .91                           | 1.00  |    |
|               | 2000                            | 945              | 52.0 | 15.2                        | 2740 | .72                           | .90                           | 1.00 | 49.5        | 14.5                   | 3110 | .74                           | .93                           | 1.00        | 47.0  | 13.8                   | 3540 | .76                           | .96                           | 1.00        | 44.5        | 13.0                   | 4010 | .78                           | .99                           | 1.00  |    |
| 71°F (21.7°C) | 1300                            | 615              | 50.5 | 14.8                        | 2730 | .48                           | .61                           | .74  | 48.5        | 14.2                   | 3110 | .48                           | .63                           | .76         | 46.0  | 13.5                   | 3530 | .49                           | .64                           | .77         | 43.5        | 12.7                   | 4000 | .51                           | .66                           | .80   |    |
|               | 1650                            | 780              | 53.5 | 15.7                        | 2740 | .50                           | .66                           | .81  | 51.0        | 14.9                   | 3110 | .51                           | .68                           | .83         | 48.0  | 14.1                   | 3540 | .52                           | .70                           | .86         | 45.5        | 13.3                   | 4010 | .54                           | .72                           | .89   |    |
|               | 2000                            | 945              | 55.0 | 16.1                        | 2740 | .53                           | .72                           | .88  | 52.5        | 15.4                   | 3120 | .54                           | .73                           | .91         | 49.5  | 14.5                   | 3550 | .56                           | .75                           | .95         | 47.0        | 13.8                   | 4020 | .57                           | .78                           | .98   |    |
| RPHPE-71360   |                                 |                  |      |                             |      |                               |                               |      |             |                        |      |                               |                               |             |       |                        |      |                               |                               |             |             |                        |      |                               |                               |       |    |
| 59°F (15°C)   | 1450                            | 685              | 53.0 | 15.5                        | 3470 | .91                           | 1.00                          | 1.00 | 51.0        | 14.9                   | 3970 | .93                           | 1.00                          | 1.00        | 49.0  | 14.4                   | 4540 | .95                           | 1.00                          | 1.00        | 46.5        | 13.6                   | 5180 | .98                           | 1.00                          | 1.00  |    |
|               | 1830                            | 865              | 57.0 | 16.7                        | 3490 | .99                           | 1.00                          | 1.00 | 55.0        | 16.1                   | 4000 | 1.00                          | 1.00                          | 1.00        | 53.0  | 15.5                   | 4570 | 1.00                          | 1.00                          | 1.00        | 50.0        | 14.7                   | 5220 | 1.00                          | 1.00                          | 1.00  |    |
|               | 2200                            | 1040             | 60.5 | 17.7                        | 3520 | 1.00                          | 1.00                          | 1.00 | 58.0        | 17.0                   | 4020 | 1.00                          | 1.00                          | 1.00        | 55.5  | 16.3                   | 4600 | 1.00                          | 1.00                          | 1.00        | 53.0        | 15.5                   | 5240 | 1.00                          | 1.00                          | 1.00  |    |
| 63°F (17.2°C) | 1450                            | 685              | 55.5 | 16.3                        | 3480 | .75                           | .88                           | 1.00 | 53.0        | 15.5                   | 3980 | .76                           | .90                           | 1.00        | 50.5  | 14.8                   | 4550 | .78                           | .92                           | 1.00        | 48.0        | 14.1                   | 5200 | .81                           | .95                           | 1.00  |    |
|               | 1830                            | 865              | 58.5 | 17.1                        | 3510 | .81                           | .96                           | 1.00 | 56.0        | 16.4                   | 4010 | .83                           | .98                           | 1.00        | 53.0  | 15.5                   | 4570 | .85                           | 1.00                          | 1.00        | 50.0        | 14.7                   | 5220 | .88                           | 1.00                          | 1.00  |    |
|               | 2200                            | 1040             | 60.5 | 17.7                        | 3520 | .87                           | 1.00                          | 1.00 | 58.0        | 17.0                   | 4020 | .89                           | 1.00                          | 1.00        | 55.5  | 16.3                   | 4600 | .92                           | 1.00                          | 1.00        | 53.0        | 15.5                   | 5240 | .95                           | 1.00                          | 1.00  |    |
| 67°F (19.4°C) | 1450                            | 685              | 59.0 | 17.3                        | 3510 | .60                           | .73                           | .85  | 56.0        | 16.4                   | 4010 | .62                           | .75                           | .87         | 53.5  | 15.7                   | 4580 | .63                           | .76                           | .90         | 50.5        | 14.8                   | 5220 | .64                           | .79                           | .92   |    |
|               | 1830                            | 865              | 61.5 | 18.0                        | 3530 | .65                           | .79                           | .93  | 59.0        | 17.3                   | 4030 | .66                           | .81                           | .96         | 56.5  | 16.6                   | 4600 | .67                           | .83                           | .98         | 53.0        | 15.5                   | 5240 | .69                           | .86                           | 1.00  |    |
|               | 2200                            | 1040             | 64.0 | 18.8                        | 3550 | .69                           | .85                           | 1.00 | 61.0        | 17.9                   | 4050 | .70                           | .87                           | 1.00        | 58.0  | 17.0                   | 4620 | .72                           | .90                           | 1.00        | 54.0        | 15.8                   | 5260 | .74                           | .94                           | 1.00  |    |
| 71°F (21.7°C) | 1450                            | 685              | 62.0 | 18.2                        | 3530 | .47                           | .59                           | .71  | 59.5        | 17.4                   | 4040 | .47                           | .61                           | .72         | 56.5  | 16.6                   | 4610 | .48                           | .62                           | .74         | 53.5        | 15.7                   | 5250 | .50                           | .63                           | .77   |    |
|               | 1830                            | 865              | 65.5 | 19.2                        | 3560 | .49                           | .64                           | .77  | 62.5        | 18.3                   | 4070 | .49                           | .65                           | .79         | 59.0  | 17.3                   | 4640 | .51                           | .67                           | .82         | 56.0        | 16.4                   | 5280 | .52                           | .68                           | .84   |    |
|               | 2200                            | 1040             | 67.5 | 19.8                        | 3580 | .51                           | .68                           | .83  | 64.0        | 18.8                   | 4090 | .52                           | .70                           | .86         | 61.0  | 17.9                   | 4660 | .54                           | .71                           | .88         | 57.5        | 16.9                   | 5300 | .55                           | .74                           | .92   |    |

**ACCESSORY AIR RESISTANCE DATA - in. w.g.**

| Air Volume cfm | Rectangular to Round Duct Adaptor Kits |            |                 |            |                 |                 |
|----------------|----------------------------------------|------------|-----------------|------------|-----------------|-----------------|
|                | Downflow                               |            | Horizontal      |            |                 |                 |
|                | 14 in. Diameter                        |            | 14 in. Diameter |            | 16 in. Diameter | 18 in. Diameter |
|                | 24, 30, 36                             | 42, 48, 60 | 24, 30, 36      | 42, 48, 60 | 42, 48, 60      | 42, 48, 60      |
| 500            | 0.03                                   | ---        | 0.04            | ---        | ---             | ---             |
| 600            | 0.05                                   | ---        | 0.07            | ---        | ---             | ---             |
| 700            | 0.08                                   | 0.13       | 0.08            | 0.13       | ---             | ---             |
| 800            | 0.10                                   | 0.17       | 0.12            | 0.16       | ---             | ---             |
| 900            | 0.12                                   | 0.21       | 0.15            | 0.21       | ---             | ---             |
| 1000           | 0.17                                   | 0.24       | 0.19            | 0.25       | 0.11            | 0.03            |
| 1100           | 0.18                                   | 0.30       | 0.23            | 0.30       | 0.11            | 0.03            |
| 1200           | 0.20                                   | 0.36       | 0.29            | 0.37       | 0.13            | 0.03            |
| 1300           | 0.26                                   | 0.43       | 0.31            | 0.43       | 0.17            | 0.03            |
| 1400           | 0.31                                   | 0.50       | 0.39            | 0.51       | 0.20            | 0.03            |
| 1500           | ---                                    | 0.57       | ---             | 0.57       | 0.21            | 0.05            |
| 1600           | ---                                    | 0.63       | ---             | 0.65       | 0.26            | 0.05            |
| 1700           | ---                                    | 0.71       | ---             | 0.72       | 0.30            | 0.06            |
| 1800           | ---                                    | 0.80       | ---             | 0.81       | 0.30            | 0.06            |
| 1900           | ---                                    | 0.91       | ---             | 0.90       | 0.40            | 0.06            |
| 2000           | ---                                    | 0.99       | ---             | 1.01       | 0.41            | 0.06            |

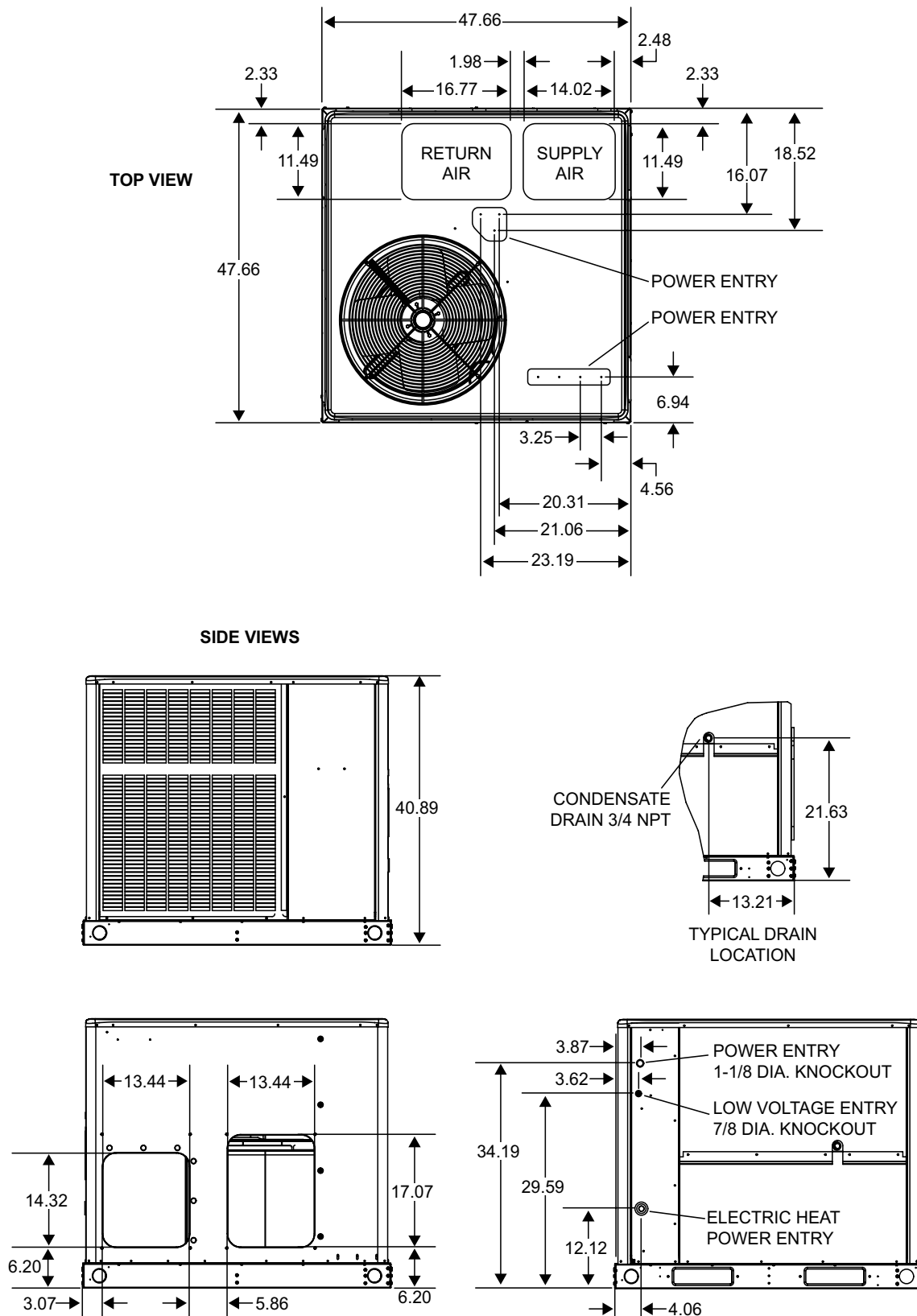
**HEATING PERFORMANCE EXT. RATINGS**

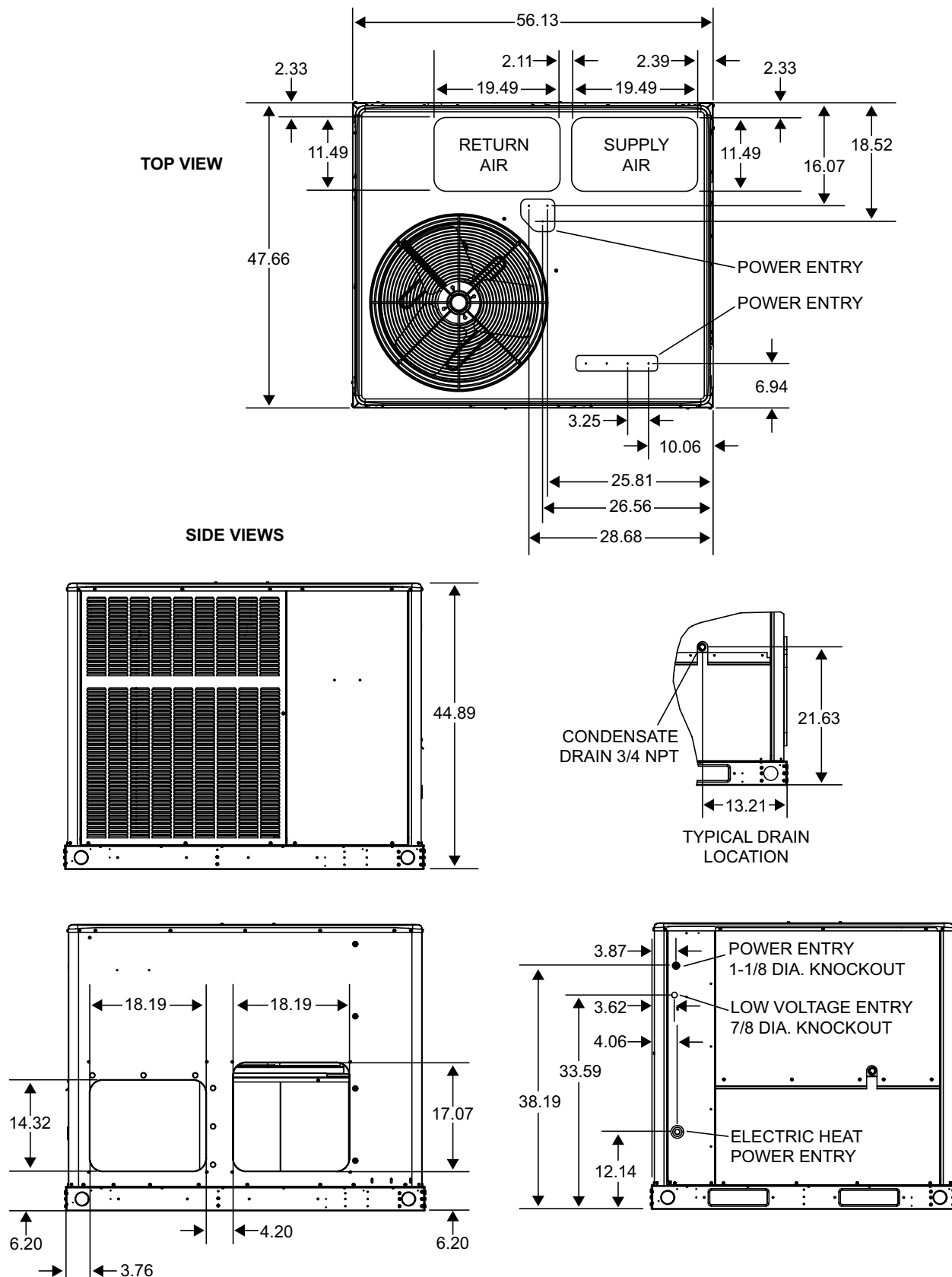
| Model       | Outdoor Temp. DB/WB deg. F |      |          |      |          |       |          |       |          |       |          |       |
|-------------|----------------------------|------|----------|------|----------|-------|----------|-------|----------|-------|----------|-------|
|             | 0/0                        |      | 5/4      |      | 17/15    |       | 35/33    |       | 47/43    |       | 62/56    |       |
|             | Btuh                       | KW   | Btuh     | KW   | Btuh     | KW    | Btuh     | KW    | Btuh     | KW    | Btuh     | KW    |
| RPHPE-71324 | 7500.00                    | 2.20 | 8900.00  | 2.61 | 12300.00 | 3.60  | 18500.00 | 5.42  | 22700.00 | 6.65  | 27900.00 | 8.18  |
| RPHPE-71330 | 9100.00                    | 2.67 | 11000.00 | 3.22 | 15400.00 | 4.51  | 22200.00 | 6.51  | 26800.00 | 7.85  | 32400.00 | 9.50  |
| RPHPE-71336 | 11600.00                   | 3.40 | 13900.00 | 4.07 | 19300.00 | 5.66  | 28100.00 | 8.24  | 33900.00 | 9.94  | 41200.00 | 12.07 |
| RPHPE-71342 | 16500.00                   | 4.84 | 19000.00 | 5.57 | 25100.00 | 7.36  | 35000.00 | 10.26 | 41700.00 | 12.22 | 50000.00 | 14.65 |
| RPHPE-71348 | 14000.00                   | 4.10 | 17500.00 | 5.13 | 25700.00 | 7.53  | 39100.00 | 11.46 | 48000.00 | 14.07 | 59100.00 | 17.32 |
| RPHPE-71360 | 23400.00                   | 6.86 | 26800.00 | 7.85 | 34900.00 | 10.23 | 49400.00 | 14.48 | 59100.00 | 17.32 | 71100.00 | 20.84 |

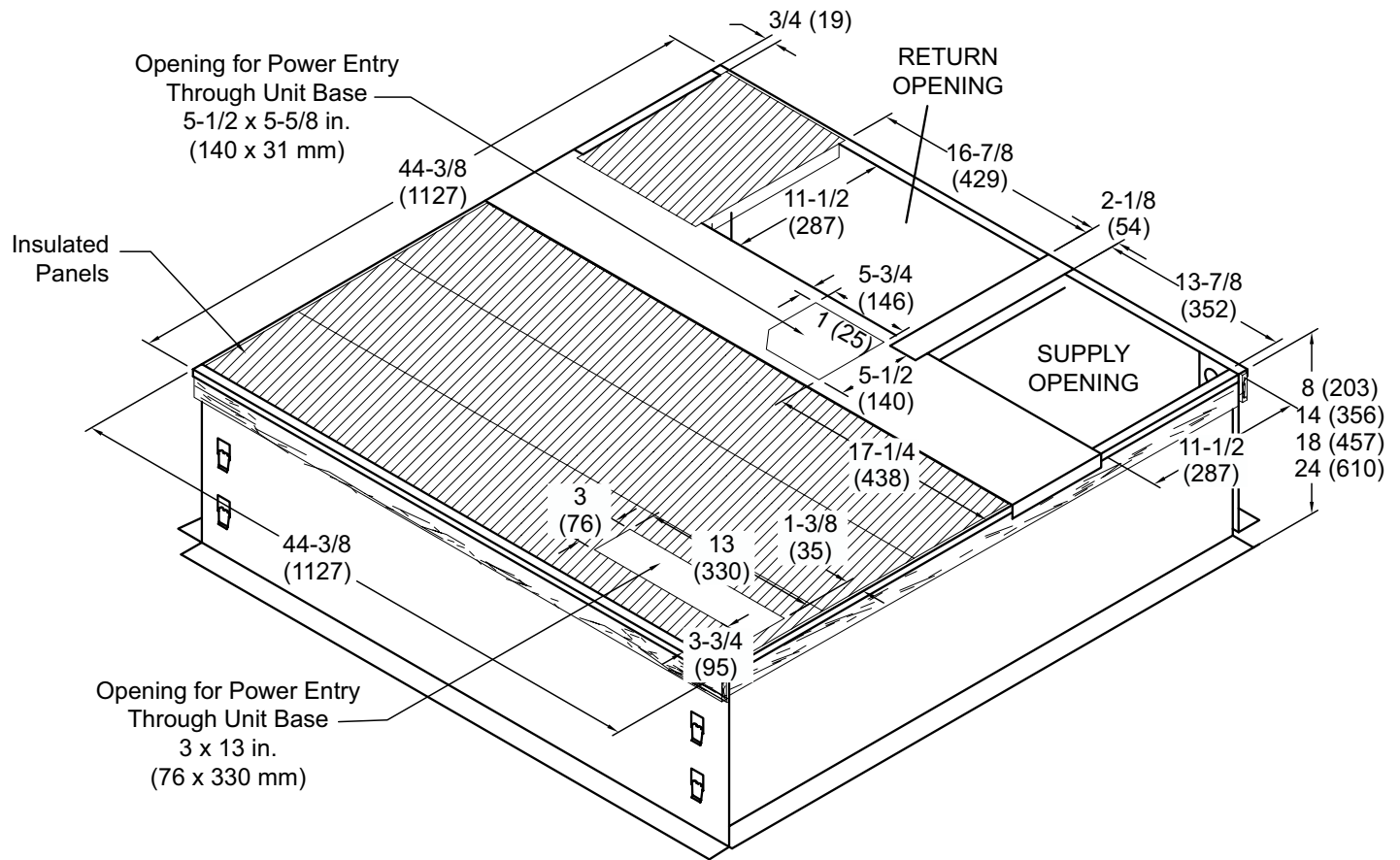
NOTE: Values based on 0.50" w.c. external static pressure

**HEAT STRIP ELECTRICAL**

| Model        | Heater Size | Heater Model | Min BLW Speed | AMPS 240V | AMPS 208V | Input kw 240V | Input kw 208V | Circuit 1 240V |          | Circuit 1 208V |          | Circuit 2 240V |          | Circuit 2 208V |          | SINGLE CIRCUIT 240V |          | SINGLE CIRCUIT 208V |          |
|--------------|-------------|--------------|---------------|-----------|-----------|---------------|---------------|----------------|----------|----------------|----------|----------------|----------|----------------|----------|---------------------|----------|---------------------|----------|
|              |             |              |               |           |           |               |               | MCA            | MAX FUSE | MCA            | MAX FUSE | MCA            | MAX FUSE | MCA            | MAX FUSE | MCA                 | MAX FUSE | MCA                 | MAX FUSE |
| RPHPE-71324P | 5KW         | PHK05BP-1    | Tap 4         | 20.8      | 18.1      | 5             | 3.8           | 29.5           | 30.0     | 26.1           | 30.0     | 0.0            | -        | 0.0            | -        | 43.5                | 45.0     | 40.0                | 45.0     |
|              | 7.5KW       | PHK07BP-1    | Tap 4         | 31.3      | 27.1      | 7.5           | 5.6           | 42.6           | 45.0     | 37.4           | 40.0     | 0.0            | -        | 0.0            | -        | 56.5                | 60.0     | 51.3                | 60.0     |
|              | 10 KW       | PHK10BP-1    | Tap 4         | 41.7      | 36.1      | 10            | 7.5           | 55.6           | 60.0     | 48.6           | 50.0     | 0.0            | -        | 0.0            | -        | 69.5                | 70.0     | 62.6                | 70.0     |
| RPHPE-71330P | 5KW         | PHK05BP-1    | Tap 4         | 20.8      | 18.1      | 5             | 3.8           | 31.2           | 35.0     | 27.7           | 30.0     | 0.0            | -        | 0.0            | -        | 47.0                | 50.0     | 43.5                | 50.0     |
|              | 7.5KW       | PHK07BP-1    | Tap 4         | 31.3      | 27.1      | 7.5           | 5.6           | 44.2           | 45.0     | 39.0           | 40.0     | 0.0            | -        | 0.0            | -        | 60.0                | 70.0     | 54.8                | 60.0     |
|              | 10 KW       | PHK10BP-1    | Tap 4         | 41.7      | 36.1      | 10            | 7.5           | 57.2           | 60.0     | 50.3           | 60.0     | 0.0            | -        | 0.0            | -        | 73.0                | 80.0     | 66.1                | 70.0     |
| RPHPE-71336P | 5KW         | PHK05BP-1    | Tap 4         | 20.8      | 18.1      | 5             | 3.8           | 29.8           | 30.0     | 26.3           | 30.0     | 0.0            | -        | 0.0            | -        | 50.8                | 60.0     | 47.4                | 50.0     |
|              | 7.5KW       | PHK07BP-1    | Tap 4         | 31.3      | 27.1      | 7.5           | 5.6           | 42.8           | 45.0     | 37.6           | 40.0     | 0.0            | -        | 0.0            | -        | 63.9                | 70.0     | 58.7                | 60.0     |
|              | 10 KW       | PHK10BP-1    | Tap 4         | 41.7      | 36.1      | 10            | 7.5           | 55.8           | 60.0     | 48.9           | 50.0     | 0.0            | -        | 0.0            | -        | 76.9                | 80.0     | 69.9                | 70.0     |
| RPHPE-71342P | 15 KW       | PHK15BP-1    | Tap 4         | 62.5      | 54.2      | 15            | 11.3          | 55.8           | 60.0     | 48.9           | 50.0     | 26.0           | 30.0     | 22.6           | 25.0     | 102.9               | 110.0    | 92.5                | 100.0    |
|              | 5KW         | PHK05BP-1    | Tap 4         | 20.8      | 18.1      | 5             | 3.8           | 33.5           | 35.0     | 30.1           | 35.0     | 0.0            | -        | 0.0            | -        | 53.9                | 60.0     | 50.5                | 60.0     |
|              | 7.5KW       | PHK07BP-1    | Tap 4         | 31.3      | 27.1      | 7.5           | 5.6           | 46.6           | 50.0     | 41.4           | 45.0     | 0.0            | -        | 0.0            | -        | 67.0                | 70.0     | 61.7                | 70.0     |
| RPHPE-71348P | 10 KW       | PHK10BP-1    | Tap 4         | 41.7      | 36.1      | 10            | 7.5           | 59.6           | 60.0     | 52.6           | 60.0     | 0.0            | -        | 0.0            | -        | 80.0                | 80.0     | 73.0                | 80.0     |
|              | 15 KW       | PHK15BP-1    | Tap 4         | 62.5      | 54.2      | 15            | 11.3          | 59.6           | 60.0     | 52.6           | 60.0     | 26.0           | 30.0     | 22.6           | 25.0     | 106.0               | 110.0    | 95.6                | 100.0    |
|              | 20 KW       | PHK20BP-1    | Tap 4         | 83.3      | 72.2      | 20            | 15            | 59.6           | 60.0     | 52.6           | 60.0     | 52.1           | 60.0     | 45.1           | 50.0     | 132.1               | 150.0    | 118.2               | 125.0    |
| RPHPE-71360P | 5KW         | PHK05BP-1    | Tap 4         | 20.8      | 18.1      | 5             | 3.8           | 33.5           | 35.0     | 30.1           | 35.0     | 0.0            | -        | 0.0            | -        | 58.1                | 70.0     | 54.6                | 60.0     |
|              | 7.5KW       | PHK07BP-1    | Tap 4         | 31.3      | 27.1      | 7.5           | 5.6           | 46.6           | 50.0     | 41.4           | 45.0     | 0.0            | -        | 0.0            | -        | 71.1                | 80.0     | 65.9                | 70.0     |
|              | 10 KW       | PHK10BP-1    | Tap 4         | 41.7      | 36.1      | 10            | 7.5           | 59.6           | 60.0     | 52.6           | 60.0     | 0.0            | -        | 0.0            | -        | 84.1                | 90.0     | 77.2                | 80.0     |
| RPHPE-71360P | 15 KW       | PHK15BP-1    | Tap 4         | 62.5      | 54.2      | 15            | 11.3          | 59.6           | 60.0     | 52.6           | 60.0     | 26.0           | 30.0     | 22.6           | 25.0     | 110.2               | 125.0    | 99.8                | 100.0    |
|              | 20 KW       | PHK20BP-1    | Tap 4         | 83.3      | 72.2      | 20            | 15            | 59.6           | 60.0     | 52.6           | 60.0     | 52.1           | 60.0     | 45.1           | 50.0     | 136.2               | 150.0    | 122.3               | 125.0    |
|              | 5KW         | PHK05BP-1    | Tap 4         | 20.8      | 18.1      | 5             | 3.8           | 30.9           | 35.0     | 27.4           | 30.0     | 0.0            | -        | 0.0            | -        | 63.6                | 80.0     | 60.1                | 80.0     |
| RPHPE-71360P | 7.5KW       | PHK07BP-1    | Tap 4         | 31.3      | 27.1      | 7.5           | 5.6           | 43.9           | 45.0     | 38.7           | 40.0     | 0.0            | -        | 0.0            | -        | 76.6                | 90.0     | 71.4                | 90.0     |
|              | 10 KW       | PHK10BP-1    | Tap 4         | 41.7      | 36.1      | 10            | 7.5           | 57.0           | 60.0     | 50.0           | 60.0     | 0.0            | -        | 0.0            | -        | 89.6                | 100.0    | 82.7                | 90.0     |
|              | 15 KW       | PHK15BP-1    | Tap 4         | 62.5      | 54.2      | 15            | 11.3          | 57.0           | 60.0     | 50.0           | 60.0     | 26.0           | 30.0     | 22.6           | 25.0     | 115.7               | 125.0    | 105.3               | 110.0    |
|              | 20 KW       | PHK20BP-1    | Tap 4         | 83.3      | 72.2      | 20            | 15            | 57.0           | 60.0     | 50.0           | 60.0     | 52.1           | 60.0     | 45.1           | 50.0     | 141.7               | 150.0    | 127.8               | 150.0    |

**DIMENSIONS (IN.) - SMALL BASE**

**DIMENSIONS (IN.) - LARGE BASE**

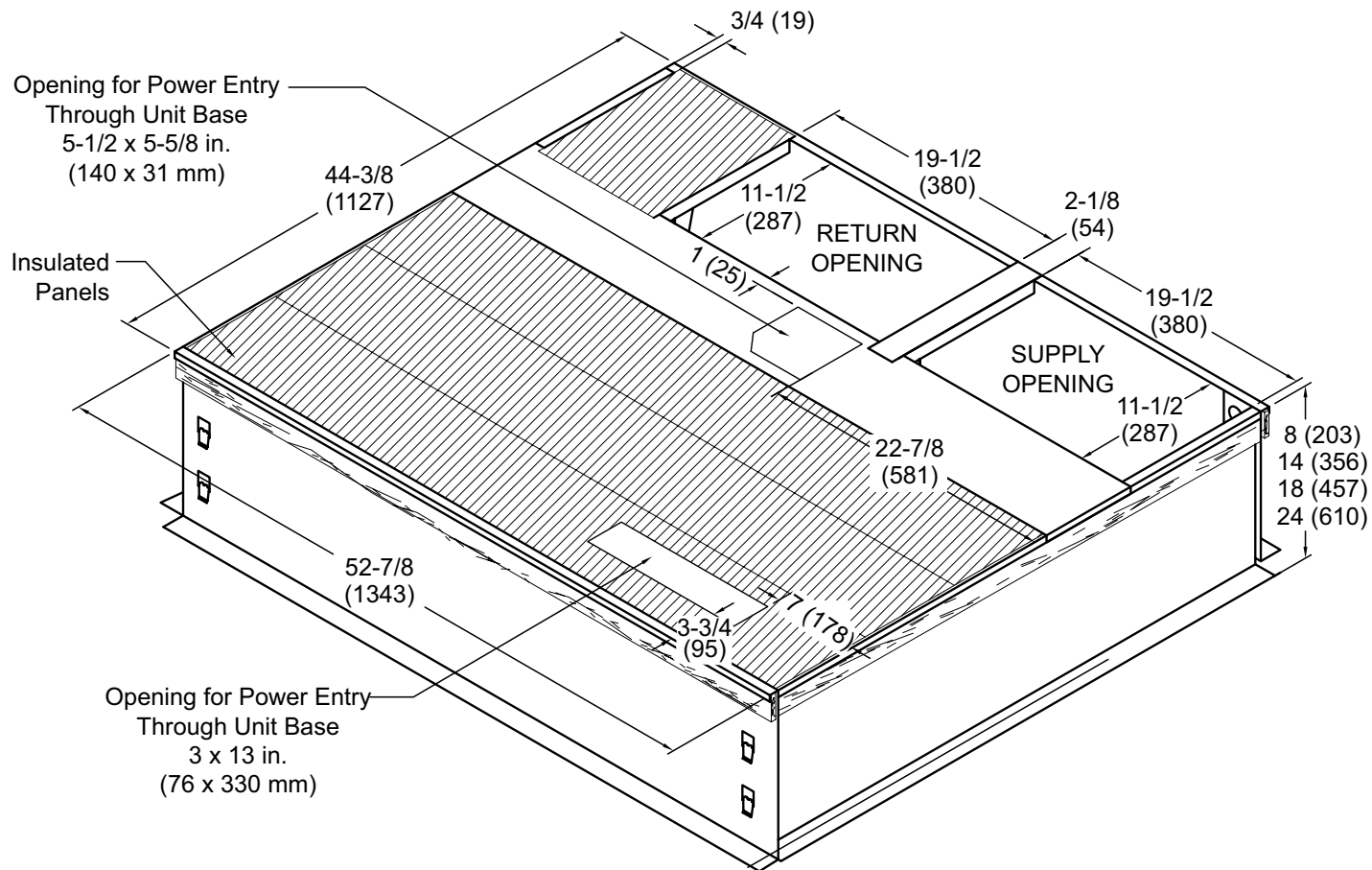
**ROOF CURB DIMENSIONS - SMALL BASE**

NOTE - Roof deck may be omitted within confines of curb.

NOTE - All Curbs::

- IBC 2018 compliant
- CBC 2019 compliant
- Seismic rating - SDS 2.0g, z/h=1, Ip=1.5
- Wind rating - 240 mph (Lateral), 214 mph (Uplift)
- Maximum load rating - 800 lbs.
- Tool-less filter access panels NOT for seismic-rated applications

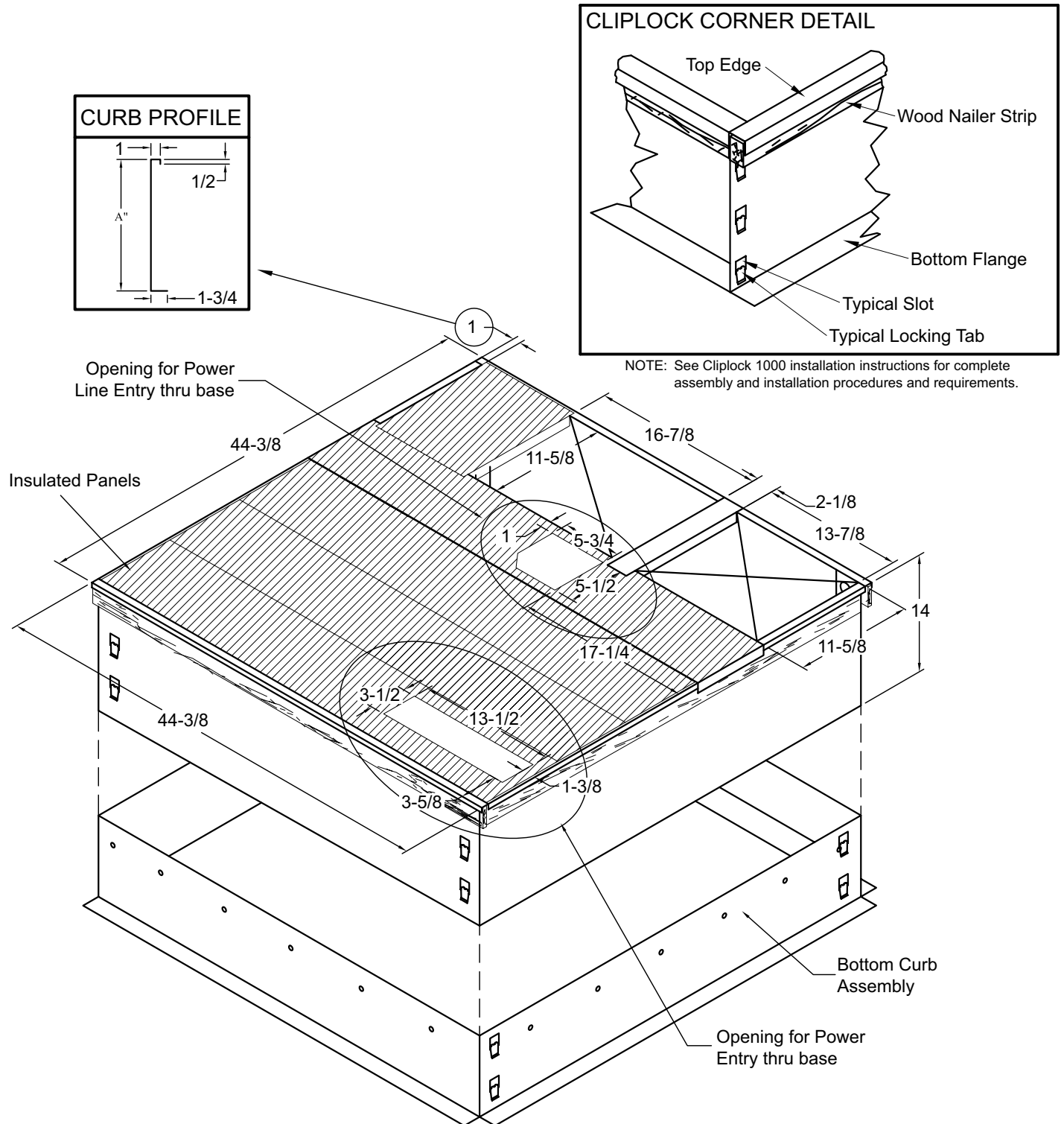
## ROOF CURB DIMENSIONS - LARGE BASE



NOTE - Roof deck may be omitted within confines of curb.

NOTE - All Curbs::

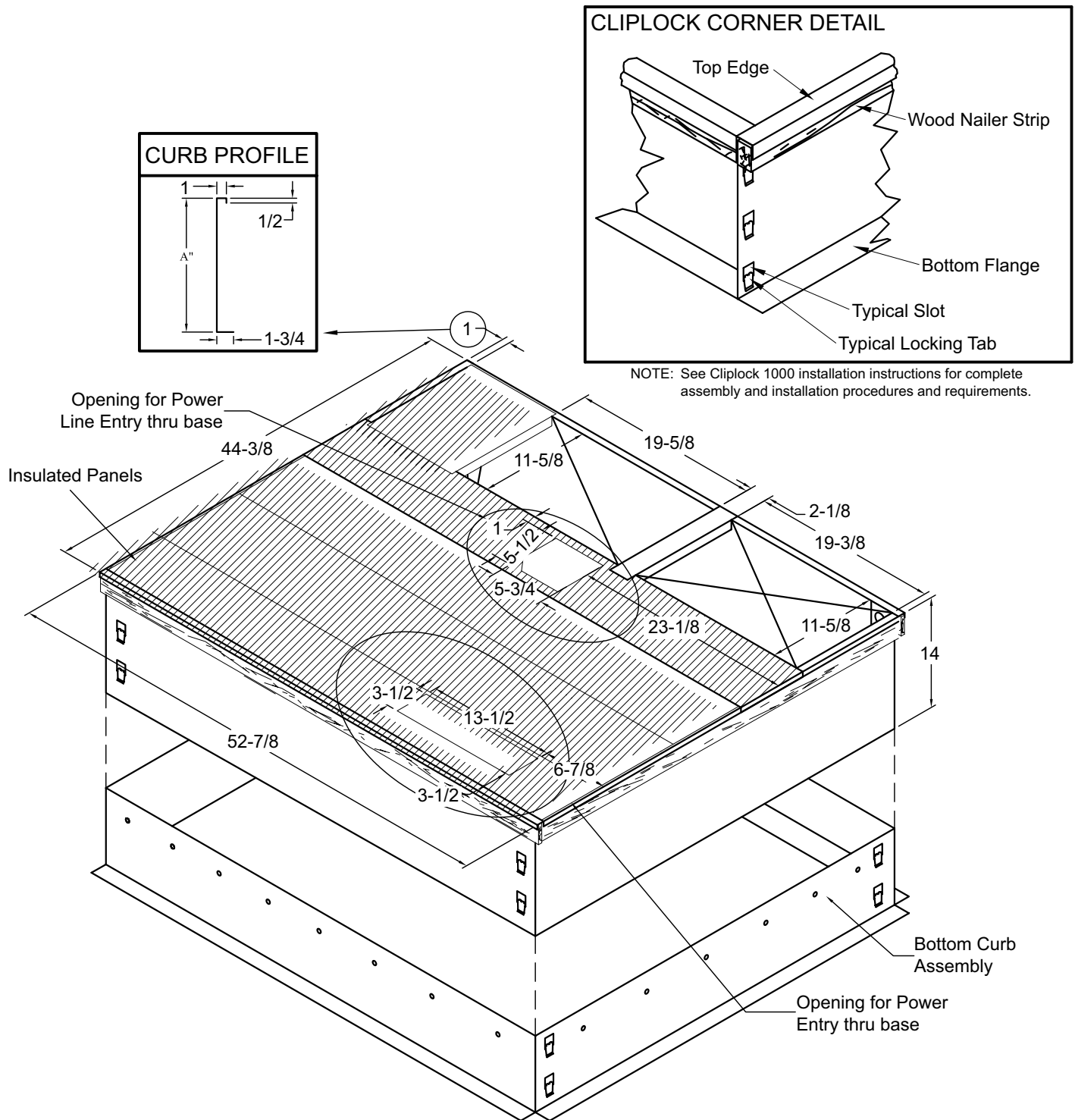
- IBC 2018 compliant
- CBC 2019 compliant
- Seismic rating - SDS 2.0g, z/h=1, Ip=1.5
- Wind rating - 240 mph (Lateral), 214 mph (Uplift)
- Maximum load rating - 800 lbs.
- Tool-less filter access panels NOT for seismic-rated applications

**ADJUSTABLE CURB (KNOCK-DOWN STYLE) DIMENSIONS - SMALL BASE**

NOTE - Roof deck may be omitted within confines of curb.

NOTE - All Curb::

- IBC 2018 compliant
- CBC 2019 compliant
- Seismic rating - SDS 2.0g, z/h=1, I<sub>p</sub>=1.5
- Wind rating - 240 mph (Lateral), 214 mph (Uplift)
- Maximum load rating - 800 lbs.
- Tool-less filter access panels NOT for seismic-rated applications

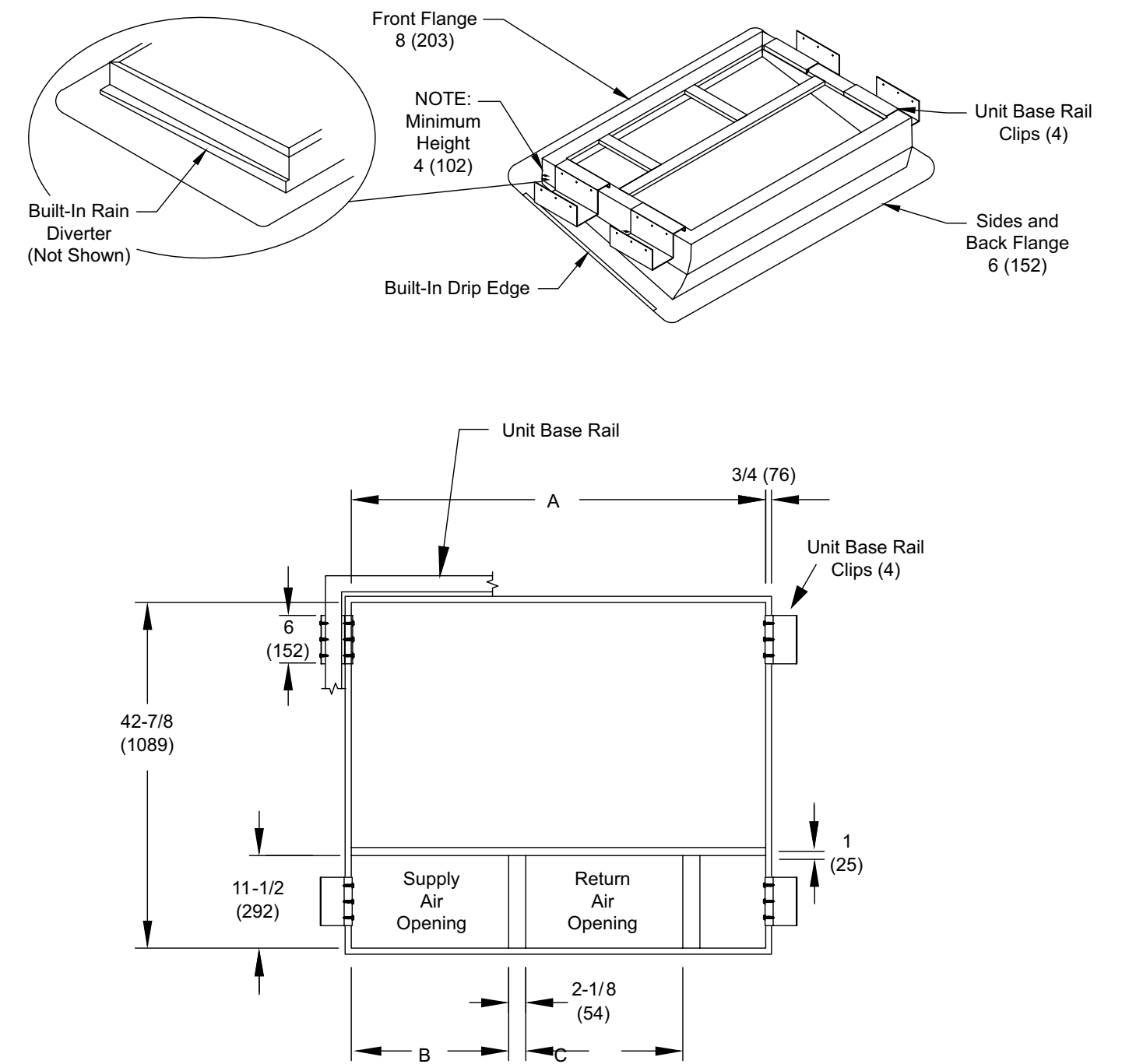
**ADJUSTABLE CURB (KNOCK-DOWN STYLE) DIMENSIONS - LARGE BASE**

NOTE - Roof deck may be omitted within confines of curb.

NOTE - All Curb::

- IBC 2018 compliant
- CBC 2019 compliant
- Seismic rating - SDS 2.0g, z/h=1, I<sub>p</sub>=1.5
- Wind rating - 240 mph (Lateral), 214 mph (Uplift)
- Maximum load rating - 800 lbs.
- Tool-less filter access panels NOT for seismic-rated applications

ADJUSTABLE CURB (WELDED STYLE) DIMENSIONS



| Usage    | A      |      | B      |     | C      |     |
|----------|--------|------|--------|-----|--------|-----|
|          | in.    | mm   | in.    | mm  | in.    | mm  |
| 24,30,36 | 42-7/8 | 1089 | 13-7/8 | 352 | 16-7/8 | 429 |
| 42,48,60 | 51-3/8 | 1305 | 19-1/2 | 495 | 19-1/2 | 495 |

**ACCESSORIES**

| Description                                      |             | Where Used     | Kit Number |
|--------------------------------------------------|-------------|----------------|------------|
| Compressor Crankcase Heater                      |             | 24, 30, 36     | 27U17      |
|                                                  |             | 42, 48, 60     | 27P79      |
| Compressor Hard Start Kit                        |             | 24, 30         | 10J42      |
|                                                  |             | 36, 42, 48, 60 | 88M91      |
| Compressor Timed-Off Control                     |             | All            | 47J28      |
| Low Ambient Kit                                  |             | All            | 21D20      |
| Electric Heater 5kW - PHK05BP                    |             | All            | 10W47      |
| Electric Heater 7.5kW - PHK07BP                  |             | All            | 10W48      |
| Electric Heater 10kW - PHK10BP                   |             | All            | 10W49      |
| Electric Heater 15kW - PHK15BP                   |             | 36, 42, 48, 60 | 10W50      |
| Electric Heater 20kW - PHK20BP                   |             | 42, 48, 60     | 10W51      |
| Internal Filter Rack Kit                         |             | 24, 30, 36     | 11U73      |
|                                                  |             | 42, 48, 60     | 11U74      |
| 8" Height Full Perimeter Curb                    |             | 24, 30, 36     | 21J13      |
|                                                  |             | 42, 48, 60     | 21J17      |
| 14" Height Full Perimeter Curb                   |             | 24, 30, 36     | 21J14      |
|                                                  |             | 42, 48, 60     | 21J19      |
| 18" Height Full Perimeter Curb                   |             | 24, 30, 36     | 21J15      |
|                                                  |             | 42, 48, 60     | 21J20      |
| 24" Height Full Perimeter Curb                   |             | 24, 30, 36     | 21J16      |
|                                                  |             | 42, 48, 60     | 21J25      |
| Adjustable Pitch Roof Curb<br>(Knock-Down Style) |             | 24, 30, 36     | 21J26      |
|                                                  |             | 42, 48, 60     | 21U04      |
| Adjustable Pitch Roof Curb<br>(Welded Style)     |             | 24, 30, 36     | 22V54      |
|                                                  |             | 42, 48, 60     | 22V55      |
| Strapping Kit - Hurricane                        |             | Slab           | 21J74      |
|                                                  |             | Rail           | 22G53      |
| Strapping Kit - Seismic                          |             | All            | 21J75      |
| Duct Adapter Kit -<br>Horizontal                 | 14 in. dia. | 24, 30, 36     | 21J92      |
|                                                  | 14 in. dia. | 42, 48, 60     | 21D24      |
|                                                  | 16 in. dia. | 42, 48, 60     | 22U78      |
|                                                  | 18 in. dia. | 42, 48, 60     | 22U79      |
| Duct Adapter Kit -<br>Downflow                   | 14 in. dia. | 24, 30, 36     | 20X82      |
|                                                  | 14 in. dia. | 42, 48, 60     | 21D26      |
| Bottom Power Entry Kit                           |             | All            | 21J78      |
| Base Rail Openings - Closure Kit                 |             | All            | 21J84      |
| Single Point Power - 5kW ASPWR813-1              |             | All            | 13W88      |
| Single Point Power - 7.5 kW ASPWR814-1           |             | All            | 13W89      |
| Single Point Power - 10kW ASPWR815-1             |             | All            | 13W90      |
| Single Point Power - 15-20kW ASPWR816-1          |             | 36, 42, 48, 60 | 13W91      |



1-800-448-5872

All specifications and illustrations subject to change without notice and without incurring obligations.