



# DZ14XA COMMERCIAL

7½ & 10-Ton, Three-Phase  
Split System Heat Pump  
11 EER/14.5 IEER /3.4 COP/R-410A



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## ■ Standard Features

- Two-stage energy efficient compressor with internal pressure relief valve
- High-capacity, steel-cased, bi-flow heat pump filter drier
- Liquid refrigerant return protection
- Check flowrate heating mode expansion device
- Reliable, time-initiated, temperature-terminated defrost control
- High and low pressure switches
- Discharge line muffler
- Brass liquid and suction line service valves mounted at a 90° angle with sweat connections and service ports
- High-efficiency copper tube / aluminum fin coil
- Complies with ASHRAE 90.1-2016
- AHRI Certified; ETL Listed

## ■ Cabinet Features

- Innovative sound control top design
- Steel louver coil guard protects coil from damage and adds strength to the unit
- 500-hour salt-spray test
- Heavy-gauge, galvanized-steel cabinet
- Attractive Nickel Gray powder-paint finish
- When properly anchored, meets the 2023 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



\* Complete warranty details available from your local dealer or at [www.daikincomfort.com](http://www.daikincomfort.com) or [www.daikinac.com](http://www.daikinac.com)

|                    | D          | Z | 14  | X | A | 090   | 3  | A  | A  |                                 |
|--------------------|------------|---|-----|---|---|-------|----|----|----|---------------------------------|
|                    | 1          | 2 | 3,4 | 5 | 6 | 7,8,9 | 10 | 11 | 12 |                                 |
| <b>Brand</b>       | D - Daikin |   |     |   |   |       |    |    |    | <b>Engineering</b>              |
|                    |            |   |     |   |   |       |    |    |    | Minor revision                  |
| <b>Type</b>        |            |   |     |   |   |       |    |    |    | <b>Engineering</b>              |
| X - AC R-410A      |            |   |     |   |   |       |    |    |    | Major revision                  |
| Z - HP R-410A      |            |   |     |   |   |       |    |    |    |                                 |
| <b>EER</b>         |            |   |     |   |   |       |    |    |    | <b>Voltage</b>                  |
| 14.5 IEER          |            |   |     |   |   |       |    |    |    | 3 - 208/230 V Three-Phase 60 Hz |
|                    |            |   |     |   |   |       |    |    |    | 4 - 460 V Three-Phase 60 Hz     |
| <b>Compressor</b>  |            |   |     |   |   |       |    |    |    | <b>Tonnage Nominal</b>          |
| X - Two Stage      |            |   |     |   |   |       |    |    |    | 090 - 7½ tons                   |
|                    |            |   |     |   |   |       |    |    |    | 120 - 10 tons                   |
| <b>Feature Set</b> |            |   |     |   |   |       |    |    |    |                                 |
| A - Base           |            |   |     |   |   |       |    |    |    |                                 |

|                                          | DZ14XA<br>0903AA | DZ14XA<br>0904AA | DZ14XA<br>1203AA | DZ14XA<br>1204AA |
|------------------------------------------|------------------|------------------|------------------|------------------|
| <b>COOLING CAPACITIES</b>                |                  |                  |                  |                  |
| Nominal Cooling (BTU/h) <sup>1</sup>     | 93,000           | 93,000           | 115,000          | 115,000          |
| Nominal Heating (BTU/h) <sup>1</sup>     | 82,000           | 82,000           | 100,000          | 100,000          |
| EER/IEER                                 | 11 / 14.5        | 11 / 14.5        | 11 / 14.5        | 11 / 14.5        |
| Decibels                                 | 83.7             | 83.7             | 84.4             | 84.4             |
| AHRI                                     | 210605687        | 210605688        | 210605689        | 210605690        |
| <b>COMPRESSOR</b>                        |                  |                  |                  |                  |
| RLA                                      | 26.9             | 12.0             | 32.6             | 14.8             |
| LRA                                      | 164              | 94               | 240              | 130              |
| <b>CONDENSER FAN MOTOR</b>               |                  |                  |                  |                  |
| Horsepower                               | 1                | 1                | 1                | 1                |
| FLA                                      | 7                | 3.5              | 7                | 3.5              |
| <b>REFRIGERATION SYSTEM</b>              |                  |                  |                  |                  |
| Liquid Connection Valve Size ("O.D.)     | ⅝"               | ⅝"               | ⅝"               | ⅝"               |
| Suction Connection Valve Size ("O.D.)    | 1⅝"              | 1⅝"              | 1⅝"              | 1⅝"              |
| Valve Type                               | Sweat            | Sweat            | Sweat            | Sweat            |
| Refrigerant Charge (oz.) <sup>2</sup>    | 55               | 55               | 55               | 55               |
| <b>ELECTRICAL DATA</b>                   |                  |                  |                  |                  |
| AC Volts                                 | 208/230          | 460              | 208/230          | 460              |
| Hz / Phase                               | 60 Hz/3          | 60 Hz/3          | 60 Hz/3          | 60 Hz/3          |
| Minimum Circuit Ampacity <sup>3</sup>    | 40.6             | 18.5             | 47.7             | 22.0             |
| Max. Overcurrent Protection <sup>4</sup> | 60               | 30               | 80               | 35               |
| Min / Max Volts                          | 197/253          | 414/506          | 197/253          | 414/506          |
| Electrical Conduit Size                  | ½" or ¾"         | ½" or ¾"         | ½" or ¾"         | ½" or ¾"         |
| <b>SHIP WEIGHT (LBS)</b>                 | 355              | 355              | 375              | 370              |

<sup>1</sup> Tested and rated in accordance with ARI Standard 208/230

<sup>2</sup> Factory Holding Charge. Follow Installation Instructions for system charge

<sup>3</sup> Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

<sup>4</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

**NOTES**

- Always check the rating plate for electrical data on the unit being installed.
- Installer will need to supply ⅝" to 1⅝" adapters for suction line connections.

|      |            | OUTDOOR AMBIENT TEMPERATURE |        |        |         |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |  |  |  |
|------|------------|-----------------------------|--------|--------|---------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|--|
|      |            | 65°F                        |        |        |         |        |        | 75°F   |         |        |        |        |        | 85°F   |        |        |        |        |        | 95°F   |        |        |        |        |        | 105°F  |        |        |        |        |        | 115°F  |        |  |  |  |  |
| IDB  | AIRFLOW    | 59                          | 63     | 67     | 71      | 59     | 63     | 67     | 71      | 59     | 63     | 67     | 71     | 59     | 63     | 67     | 71     | 59     | 63     | 67     | 71     | 59     | 63     | 67     | 71     | 59     | 63     | 67     | 71     | 59     | 63     | 67     | 71     |  |  |  |  |
| 2610 | Capacity   | 91,686                      | 92,979 | 95,714 | -       | 90,866 | 92,159 | 94,895 | -       | 88,475 | 89,768 | 92,504 | -      | 84,361 | 85,655 | 88,390 | -      | 79,334 | 80,627 | 83,362 | -      | 74,744 | 76,037 | 78,773 | -      |        |        |        |        |        |        |        |        |  |  |  |  |
|      | S/T        | 0.6                         | 0.5    | 0.4    | -       | 0.6    | 0.5    | 0.4    | -       | 0.6    | 0.5    | 0.4    | -      | 0.6    | 0.6    | 0.4    | -      | 0.7    | 0.6    | 0.5    | -      | 1.0    | 0.6    | 0.5    | -      |        |        |        |        |        |        |        |        |  |  |  |  |
|      | Evap dT    | 19.0                        | 17.2   | 13.9   | -       | 18.9   | 17.1   | 13.9   | -       | 19.2   | 17.4   | 14.1   | -      | 18.9   | 17.1   | 13.8   | -      | 18.7   | 16.9   | 13.6   | -      | 19.8   | 18.0   | 14.7   | -      |        |        |        |        |        |        |        |        |  |  |  |  |
|      | Pr Suc     | 115.4                       | 116.8  | 119.8  | -       | 122.4  | 123.9  | 126.8  | -       | 128.6  | 130.0  | 132.9  | -      | 133.8  | 135.2  | 138.1  | -      | 138.9  | 140.3  | 143.2  | -      | 145.2  | 146.7  | 149.6  | -      |        |        |        |        |        |        |        |        |  |  |  |  |
|      | Pr Dis     | 260.8                       | 261.9  | 263.8  | -       | 301.9  | 303.0  | 304.9  | -       | 345.0  | 346.1  | 347.9  | -      | 391.3  | 392.5  | 394.3  | -      | 441.4  | 442.5  | 444.3  | -      | 494.7  | 495.8  | 497.7  | -      |        |        |        |        |        |        |        |        |  |  |  |  |
| 2900 | ODAmPs     | 23.4                        | 23.4   | 23.3   | -       | 26.7   | 26.7   | 26.6   | -       | 30.5   | 30.4   | 30.4   | -      | 34.5   | 34.5   | 34.4   | -      | 39.0   | 39.0   | 38.9   | -      | 44.3   | 44.3   | 44.2   | -      |        |        |        |        |        |        |        |        |  |  |  |  |
|      | TotalPower | 5,661                       | 5,655  | 5,642  | -       | 6,391  | 6,385  | 6,372  | -       | 7,206  | 7,200  | 7,187  | -      | 8,087  | 8,082  | 8,069  | -      | 9,073  | 9,067  | 9,054  | -      | 10,229 | 10,223 | 10,210 | -      |        |        |        |        |        |        |        |        |  |  |  |  |
|      | Capacity   | 92,636                      | 93,929 | 96,664 | -       | 91,816 | 93,109 | 95,845 | -       | 89,425 | 90,718 | 93,454 | -      | 85,311 | 86,605 | 89,340 | -      | 80,284 | 81,577 | 84,313 | -      | 75,694 | 76,988 | 79,723 | -      |        |        |        |        |        |        |        |        |  |  |  |  |
|      | S/T        | 0.6                         | 0.6    | 0.4    | -       | 0.6    | 0.6    | 0.4    | -       | 0.7    | 0.6    | 0.5    | -      | 0.7    | 0.6    | 0.5    | -      | 0.7    | 0.6    | 0.5    | -      | 1.0    | 0.7    | 0.5    | -      |        |        |        |        |        |        |        |        |  |  |  |  |
|      | Evap dT    | 18.1                        | 16.4   | 13.1   | -       | 18.1   | 16.3   | 13.0   | -       | 18.3   | 16.6   | 13.3   | -      | 18.1   | 16.3   | 13.0   | -      | 17.8   | 16.1   | 12.8   | -      | 18.9   | 17.2   | 13.9   | -      |        |        |        |        |        |        |        |        |  |  |  |  |
| 3190 | Pr Suc     | 116.8                       | 118.2  | 121.1  | -       | 123.8  | 125.2  | 128.1  | -       | 129.9  | 131.3  | 134.3  | -      | 135.1  | 136.5  | 139.5  | -      | 140.2  | 141.6  | 144.6  | -      | 146.6  | 148.0  | 150.9  | -      |        |        |        |        |        |        |        |        |  |  |  |  |
|      | Pr Dis     | 262.5                       | 263.7  | 265.5  | -       | 303.6  | 304.8  | 306.6  | -       | 346.7  | 347.8  | 349.7  | -      | 393.1  | 394.2  | 396.1  | -      | 443.1  | 444.2  | 446.1  | -      | 496.5  | 497.6  | 499.4  | -      |        |        |        |        |        |        |        |        |  |  |  |  |
|      | ODAmPs     | 23.5                        | 23.5   | 23.4   | -       | 26.9   | 26.8   | 26.8   | -       | 30.6   | 30.6   | 30.5   | -      | 34.6   | 34.6   | 34.5   | -      | 39.1   | 39.1   | 39.0   | -      | 44.4   | 44.4   | 44.3   | -      |        |        |        |        |        |        |        |        |  |  |  |  |
|      | TotalPower | 5,690                       | 5,685  | 5,672  | -       | 6,420  | 6,415  | 6,402  | -       | 7,235  | 7,230  | 7,217  | -      | 8,117  | 8,111  | 8,099  | -      | 9,102  | 9,097  | 9,084  | -      | 10,258 | 10,253 | 10,240 | -      |        |        |        |        |        |        |        |        |  |  |  |  |
|      | Capacity   | 93,734                      | 95,027 | 97,762 | -       | 92,914 | 94,207 | 96,942 | -       | 90,523 | 91,816 | 94,552 | -      | 86,409 | 87,703 | 90,438 | -      | 81,382 | 82,675 | 85,410 | -      | 76,792 | 78,085 | 80,821 | -      |        |        |        |        |        |        |        |        |  |  |  |  |
| 70   | S/T        | 0.7                         | 0.6    | 0.5    | -       | 0.7    | 0.6    | 0.5    | -       | 0.7    | 0.6    | 0.5    | -      | 0.7    | 0.6    | 0.5    | -      | 0.7    | 0.7    | 0.5    | -      | 1.0    | 0.7    | 0.6    | -      |        |        |        |        |        |        |        |        |  |  |  |  |
|      | Evap dT    | 17.4                        | 15.6   | 12.3   | -       | 17.3   | 15.6   | 12.3   | -       | 17.6   | 15.8   | 12.5   | -      | 17.3   | 15.6   | 12.3   | -      | 17.1   | 15.3   | 12.0   | -      | 18.2   | 16.4   | 13.1   | -      |        |        |        |        |        |        |        |        |  |  |  |  |
|      | Pr Suc     | 118.2                       | 119.6  | 122.6  | -       | 125.2  | 126.6  | 129.6  | -       | 131.4  | 132.8  | 135.7  | -      | 136.6  | 138.0  | 140.9  | -      | 141.7  | 143.1  | 146.0  | -      | 148.0  | 149.5  | 152.4  | -      |        |        |        |        |        |        |        |        |  |  |  |  |
|      | Pr Dis     | 264.2                       | 265.4  | 267.2  | -       | 305.3  | 306.5  | 308.3  | -       | 348.4  | 349.5  | 351.4  | -      | 394.8  | 395.9  | 397.8  | -      | 444.8  | 445.9  | 447.8  | -      | 498.2  | 499.3  | 501.1  | -      |        |        |        |        |        |        |        |        |  |  |  |  |
|      | ODAmPs     | 23.6                        | 23.6   | 23.6   | -       | 27.0   | 26.9   | 26.9   | -       | 30.7   | 30.7   | 30.6   | -      | 34.7   | 34.7   | 34.7   | -      | 39.3   | 39.2   | 39.2   | -      | 44.5   | 44.5   | 44.5   | -      |        |        |        |        |        |        |        |        |  |  |  |  |
| 75   | TotalPower | 5,716                       | 5,711  | 5,698  | -       | 6,446  | 6,441  | 6,428  | -       | 7,261  | 7,255  | 7,243  | -      | 8,143  | 8,137  | 8,125  | -      | 9,128  | 9,123  | 9,110  | -      | 10,284 | 10,279 | 10,266 | -      |        |        |        |        |        |        |        |        |  |  |  |  |
|      | Capacity   | 92,689                      | 93,982 | 96,718 | 100,896 | 91,869 | 93,163 | 95,898 | 100,076 | 89,478 | 90,772 | 93,507 | 97,685 | 85,365 | 86,658 | 89,393 | 93,571 | 80,337 | 81,631 | 84,366 | 88,544 | 75,748 | 77,041 | 79,776 | 83,954 | 70,284 | 71,577 | 74,313 | 77,048 | 78,342 | 81,077 | 82,371 |        |  |  |  |  |
|      | S/T        | 0.8                         | 0.7    | 0.6    | 0.4     | 0.8    | 0.7    | 0.6    | 0.4     | 0.8    | 0.7    | 0.6    | 0.4    | 1.0    | 0.7    | 0.6    | 0.5    | 1.0    | 0.7    | 0.6    | 0.5    | 1.0    | 0.8    | 0.7    | 0.5    | 0.7    | 0.6    | 0.5    | 1.0    | 0.8    | 0.7    | 0.5    | 0.6    |  |  |  |  |
|      | Evap dT    | 22.0                        | 20.2   | 16.9   | 13.5    | 22.0   | 20.2   | 16.9   | 13.5    | 22.2   | 20.4   | 17.1   | 13.7   | 21.9   | 20.2   | 16.9   | 13.5   | 21.7   | 19.9   | 16.6   | 13.2   | 22.8   | 21.0   | 17.7   | 14.3   | 140.2  | 141.7  | 144.6  | 149.5  | 146.6  | 148.0  | 151.0  | 155.9  |  |  |  |  |
|      | Pr Suc     | 116.8                       | 118.2  | 121.1  | 126.1   | 123.8  | 125.2  | 128.2  | 133.1   | 129.9  | 131.4  | 134.3  | 139.2  | 135.1  | 136.6  | 139.5  | 144.4  | 140.2  | 141.7  | 144.6  | 149.5  | 146.6  | 148.0  | 151.0  | 155.9  | 141.7  | 143.1  | 146.0  | 150.9  | 148.1  | 149.5  | 152.4  | 157.3  |  |  |  |  |
| 3190 | Pr Dis     | 264.2                       | 265.4  | 267.2  | 272.0   | 305.6  | 306.7  | 308.5  | 313.1   | 348.6  | 349.8  | 351.6  | 356.1  | 395.0  | 396.2  | 398.0  | 402.5  | 445.0  | 446.2  | 448.0  | 452.5  | 498.4  | 499.5  | 501.4  | 506.3  | 448.8  | 449.9  | 451.8  | 455.5  | 498.4  | 499.5  | 501.4  | 506.3  |  |  |  |  |
|      | ODAmPs     | 23.6                        | 23.6   | 23.6   | 23.7    | 26.8   | 26.8   | 26.8   | 27.0    | 30.6   | 30.5   | 30.5   | 30.7   | 34.6   | 34.6   | 34.5   | 34.8   | 39.1   | 39.1   | 39.0   | 39.3   | 44.4   | 44.4   | 44.3   | 44.6   | 40.1   | 40.1   | 39.9   | 39.9   | 45.1   | 45.1   | 45.0   | 45.1   |  |  |  |  |
|      | TotalPower | 5,716                       | 5,711  | 5,698  | 5,723   | 6,416  | 6,410  | 6,398  | 6,453   | 7,231  | 7,225  | 7,212  | 7,268  | 8,112  | 8,107  | 8,094  | 8,150  | 9,098  | 9,092  | 9,080  | 9,135  | 10,254 | 10,248 | 10,235 | 10,291 | 11,414 | 11,408 | 11,395 | 11,450 | 12,579 | 12,574 | 12,561 | 12,616 |  |  |  |  |
|      | Capacity   | 93,787                      | 95,080 | 97,815 | 101,994 | 92,967 | 94,261 | 96,996 | 101,174 | 90,576 | 91,870 | 94,605 | 98,783 | 86,463 | 87,756 | 90,491 | 94,669 | 81,435 | 82,728 | 85,464 | 89,642 | 76,846 | 78,139 | 80,874 | 85,052 | 70,284 | 71,577 | 74,313 | 77,048 | 78,342 | 81,077 | 82,371 |        |  |  |  |  |
|      | S/T        | 0.8                         | 0.7    | 0.6    | 0.4     | 0.8    | 0.7    | 0.6    | 0.5     | 0.8    | 0.7    | 0.6    | 0.5    | 1.0    | 0.8    | 0.6    | 0.5    | 1.0    | 0.8    | 0.6    | 0.5    | 1.0    | 0.9    | 0.7    | 0.6    | 0.7    | 0.6    | 0.5    | 1.0    | 0.9    | 0.7    | 0.6    | 1.0    |  |  |  |  |

|                |            | OUTDOOR AMBIENT TEMPERATURE |        |        |         |        |        |        |         |        |        |        |        |        |        |               |        |        |        |        |        |        |        |        |        |
|----------------|------------|-----------------------------|--------|--------|---------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                |            | 65°F                        |        |        |         | 75°F   |        |        |         | 85°F   |        |        |        | 95°F   |        |               |        | 105°F  |        |        |        | 115°F  |        |        |        |
| IDB            | AIRFLOW    | 59                          | 63     | 67     | 71      | 59     | 63     | 67     | 71      | 59     | 63     | 67     | 71     | 59     | 63     | 67            | 71     | 59     | 63     | 67     | 71     | 59     | 63     | 67     | 71     |
| <b>2610</b>    | Capacity   | 92,213                      | 93,507 | 96,242 | 100,420 | 91,394 | 92,687 | 95,422 | 99,600  | 89,003 | 90,296 | 93,031 | 97,209 | 84,889 | 86,182 | 88,918        | 93,096 | 79,862 | 81,155 | 83,890 | 88,068 | 75,272 | 76,565 | 79,300 | 83,479 |
|                | S/T        | 0.8                         | 0.8    | 0.6    | 0.5     | 1.0    | 0.8    | 0.6    | 0.5     | 1.0    | 0.8    | 0.7    | 0.5    | 1.0    | 0.8    | 0.7           | 0.5    | 1.0    | 0.8    | 0.7    | 0.6    | 1.0    | 1.0    | 0.7    | 0.6    |
|                | Evap dT    | 26.7                        | 25.0   | 21.7   | 18.3    | 26.7   | 24.9   | 21.6   | 18.2    | 26.9   | 25.2   | 21.9   | 18.5   | 26.7   | 24.9   | 21.6          | 18.2   | 26.4   | 24.7   | 21.4   | 18.0   | 27.6   | 25.8   | 22.5   | 19.1   |
|                | Pr Suc     | 116.0                       | 117.4  | 120.3  | 125.2   | 123.0  | 124.4  | 127.3  | 132.2   | 129.1  | 130.5  | 133.5  | 138.4  | 134.3  | 135.7  | 138.7         | 143.6  | 139.4  | 140.8  | 143.8  | 148.7  | 145.8  | 147.2  | 150.1  | 155.0  |
|                | Pr Dis     | 261.5                       | 262.6  | 264.5  | 269.0   | 302.6  | 303.7  | 305.6  | 310.1   | 345.7  | 346.8  | 348.6  | 353.2  | 392.1  | 393.2  | 395.0         | 399.6  | 442.1  | 443.2  | 445.0  | 449.6  | 495.4  | 496.6  | 498.4  | 502.9  |
|                | ODamps     | 23.4                        | 23.3   | 23.3   | 23.5    | 26.7   | 26.7   | 26.6   | 26.9    | 30.4   | 30.4   | 30.4   | 30.6   | 34.5   | 34.5   | 34.4          | 34.7   | 39.0   | 39.0   | 38.9   | 39.2   | 44.3   | 44.3   | 44.2   | 44.5   |
| <b>80 2900</b> | TotalPower | 5,660                       | 5,654  | 5,642  | 5,697   | 6,390  | 6,384  | 6,372  | 6,427   | 7,205  | 7,199  | 7,186  | 7,242  | 8,086  | 8,081  | 8,068         | 8,124  | 9,072  | 9,066  | 9,054  | 9,109  | 10,228 | 10,222 | 10,209 | 10,265 |
|                | Capacity   | 93,163                      | 94,457 | 97,192 | 101,370 | 92,344 | 93,637 | 96,372 | 100,550 | 89,953 | 91,246 | 93,981 | 98,159 | 85,839 | 87,132 | <b>89,868</b> | 94,046 | 80,812 | 82,105 | 84,840 | 89,018 | 76,222 | 77,515 | 80,251 | 84,429 |
|                | S/T        | 0.9                         | 0.8    | 0.7    | 0.5     | 1.0    | 0.8    | 0.7    | 0.5     | 1.0    | 0.8    | 0.7    | 0.6    | 1.0    | 0.8    | <b>0.7</b>    | 0.6    | 1.0    | 0.9    | 0.7    | 0.6    | 1.0    | 1.0    | 0.8    | 0.7    |
|                | Evap dT    | 25.9                        | 24.1   | 20.8   | 17.4    | 25.9   | 24.1   | 20.8   | 17.4    | 26.1   | 24.3   | 21.0   | 17.6   | 25.8   | 24.1   | <b>20.8</b>   | 17.4   | 25.6   | 23.8   | 20.5   | 17.1   | 26.7   | 24.9   | 21.7   | 18.2   |
|                | Pr Suc     | 117.3                       | 118.7  | 121.7  | 126.6   | 124.3  | 125.7  | 128.7  | 133.6   | 130.5  | 131.9  | 134.8  | 139.7  | 135.6  | 137.1  | <b>140.0</b>  | 144.9  | 140.7  | 142.2  | 145.1  | 150.0  | 147.1  | 148.5  | 151.5  | 156.4  |
|                | Pr Dis     | 263.2                       | 264.4  | 266.2  | 270.7   | 304.4  | 305.5  | 307.3  | 311.9   | 347.4  | 348.6  | 350.4  | 354.9  | 393.8  | 394.9  | <b>396.8</b>  | 401.3  | 443.8  | 444.9  | 446.8  | 451.3  | 497.2  | 498.3  | 500.1  | 504.7  |
| <b>3190</b>    | ODamps     | 23.5                        | 23.5   | 23.4   | 23.7    | 26.9   | 26.8   | 26.8   | 27.0    | 30.6   | 30.6   | 30.5   | 30.8   | 34.6   | 34.6   | <b>34.5</b>   | 34.8   | 39.1   | 39.1   | 39.0   | 39.3   | 44.4   | 44.4   | 44.3   | 44.6   |
|                | TotalPower | 5,690                       | 5,684  | 5,671  | 5,727   | 6,420  | 6,414  | 6,401  | 6,457   | 7,234  | 7,229  | 7,216  | 7,272  | 8,116  | 8,111  | <b>8,098</b>  | 8,154  | 9,102  | 9,096  | 9,083  | 9,139  | 10,258 | 10,252 | 10,239 | 10,295 |
|                | Capacity   | 94,261                      | 95,555 | 98,290 | 102,468 | 93,442 | 94,735 | 97,470 | 101,648 | 91,051 | 92,344 | 95,079 | 99,257 | 86,937 | 88,230 | 90,966        | 95,144 | 81,910 | 83,203 | 85,938 | 90,116 | 77,320 | 78,613 | 81,348 | 85,527 |
|                | S/T        | 0.9                         | 0.8    | 0.7    | 0.6     | 1.0    | 0.8    | 0.7    | 0.6     | 1.0    | 0.9    | 0.7    | 0.6    | 1.0    | 0.9    | 0.7           | 0.6    | 1.0    | 0.9    | 0.8    | 0.6    | 1.0    | 1.0    | 0.8    | 0.7    |
|                | Evap dT    | 25.2                        | 23.4   | 20.1   | 16.7    | 25.1   | 23.4   | 20.1   | 16.7    | 25.4   | 23.6   | 20.3   | 16.9   | 25.1   | 23.3   | 20.1          | 16.6   | 24.9   | 23.1   | 19.8   | 16.4   | 26.0   | 24.2   | 20.9   | 17.5   |
|                | Pr Suc     | 118.7                       | 120.2  | 123.1  | 128.0   | 125.8  | 127.2  | 130.1  | 135.0   | 131.9  | 133.3  | 136.3  | 141.2  | 137.1  | 138.5  | 141.5         | 146.4  | 142.2  | 143.6  | 146.5  | 151.5  | 148.6  | 150.0  | 152.9  | 157.8  |
| <b>85</b>      | Pr Dis     | 264.9                       | 266.1  | 267.9  | 272.4   | 306.1  | 307.2  | 309.0  | 313.6   | 349.1  | 350.3  | 352.1  | 356.6  | 395.5  | 396.6  | 398.5         | 403.0  | 445.5  | 446.6  | 448.5  | 453.0  | 498.9  | 500.0  | 501.8  | 506.4  |
|                | ODamps     | 23.6                        | 23.6   | 23.5   | 23.8    | 27.0   | 26.9   | 26.9   | 27.1    | 30.7   | 30.7   | 30.6   | 30.9   | 34.7   | 34.7   | 34.7          | 34.9   | 39.2   | 39.2   | 39.2   | 39.4   | 44.5   | 44.5   | 44.5   | 44.7   |
|                | TotalPower | 5,715                       | 5,710  | 5,697  | 5,753   | 6,445  | 6,440  | 6,427  | 6,483   | 7,260  | 7,255  | 7,242  | 7,298  | 8,142  | 8,136  | 8,124         | 8,180  | 9,127  | 9,122  | 9,109  | 9,165  | 10,283 | 10,278 | 10,265 | 10,321 |
|                | Capacity   | 93,756                      | 95,049 | 97,785 | 101,963 | 92,937 | 94,230 | 96,965 | 101,143 | 90,546 | 91,839 | 94,574 | 98,752 | 86,432 | 87,725 | 90,460        | 94,639 | 81,404 | 82,698 | 85,433 | 89,611 | 76,815 | 78,108 | 80,843 | 85,021 |
|                | S/T        | 1.0                         | 0.9    | 0.7    | 0.6     | 1.0    | 0.9    | 0.7    | 0.6     | 1.0    | 0.9    | 0.8    | 0.6    | 1.0    | 1.0    | 0.8           | 0.6    | 1.0    | 1.0    | 0.8    | 0.7    | 1.0    | 1.0    | 0.8    | 0.7    |
|                | Evap dT    | 30.2                        | 28.4   | 25.2   | 21.7    | 30.2   | 28.4   | 25.1   | 21.7    | 30.4   | 28.6   | 25.4   | 21.9   | 30.1   | 28.4   | 25.1          | 21.7   | 29.9   | 28.1   | 24.9   | 21.4   | 31.0   | 29.3   | 26.0   | 22.5   |

|                |            |        |        |        |         |        |        |        |         |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |
|----------------|------------|--------|--------|--------|---------|--------|--------|--------|---------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>2610</b>    | Pr Suc     | 117.7  | 119.1  | 122.0  | 127.0   | 124.7  | 126.1  | 129.1  | 134.0   | 130.8  | 132.3  | 135.2  | 140.1   | 136.0  | 137.5  | 140.4  | 145.3  | 141.1  | 142.6  | 145.5  | 150.4  | 147.5  | 148.9  | 151.9  | 156.8  |
|                | Pr Dis     | 262.7  | 263.9  | 265.7  | 270.2   | 303.8  | 305.0  | 306.8  | 311.3   | 346.9  | 348.0  | 349.9  | 354.4   | 393.3  | 394.4  | 396.2  | 400.8  | 443.3  | 444.4  | 446.3  | 450.8  | 496.7  | 497.8  | 499.6  | 504.2  |
|                | ODamps     | 23.4   | 23.4   | 23.4   | 23.6    | 26.8   | 26.8   | 26.7   | 27.0    | 30.5   | 30.5   | 30.4   | 30.7    | 34.5   | 34.5   | 34.5   | 34.7   | 39.1   | 39.0   | 39.0   | 39.2   | 44.3   | 44.3   | 44.3   | 44.5   |
|                | TotalPower | 5,674  | 5,668  | 5,655  | 5,711   | 6,404  | 6,398  | 6,385  | 6,441   | 7,219  | 7,213  | 7,200  | 7,256   | 8,100  | 8,095  | 8,082  | 8,138  | 9,086  | 9,080  | 9,068  | 9,123  | 10,242 | 10,236 | 10,223 | 10,279 |
|                | Capacity   | 94,706 | 96,000 | 98,735 | 102,913 | 93,887 | 95,180 | 97,915 | 102,093 | 91,496 | 92,789 | 95,524 | 99,702  | 87,382 | 88,675 | 91,411 | 95,589 | 82,354 | 83,648 | 86,383 | 90,561 | 77,765 | 79,058 | 81,793 | 85,972 |
|                | S/T        | 1.0    | 0.9    | 0.8    | 0.6     | 1.0    | 0.9    | 0.8    | 0.6     | 1.0    | 0.9    | 0.8    | 0.7     | 1.0    | 1.0    | 0.8    | 0.7    | 1.0    | 1.0    | 0.8    | 0.7    | 1.0    | 1.0    | 0.9    | 0.7    |
| <b>85 2900</b> | Evap dT    | 29.4   | 27.6   | 24.3   | 20.9    | 29.3   | 27.6   | 24.3   | 20.9    | 29.6   | 27.8   | 24.5   | 21.1    | 29.3   | 27.5   | 24.2   | 20.8   | 29.1   | 27.3   | 24.0   | 20.6   | 30.2   | 28.4   | 25.1   | 21.7   |
|                | Pr Suc     | 119.0  | 120.5  | 123.4  | 128.3   | 126.0  | 127.5  | 130.4  | 135.3   | 132.2  | 133.6  | 136.5  | 141.4   | 137.4  | 138.8  | 141.7  | 146.6  | 142.5  | 143.9  | 146.8  | 151.7  | 148.8  | 150.3  | 153.2  | 158.1  |
|                | Pr Dis     | 264.5  | 265.6  | 267.4  | 272.0   | 305.6  | 306.7  | 308.5  | 313.1   | 348.7  | 349.8  | 351.6  | 356.2   | 395.0  | 396.2  | 398.0  | 402.5  | 445.0  | 446.2  | 448.0  | 452.5  | 498.4  | 499.5  | 501.4  | 505.9  |
|                | ODamps     | 23.6   | 23.6   | 23.5   | 23.7    | 26.9   | 26.9   | 26.8   | 27.1    | 30.6   | 30.6   | 30.6   | 30.8    | 34.7   | 34.7   | 34.6   | 34.9   | 39.2   | 39.2   | 39.1   | 39.4   | 44.5   | 44.5   | 44.4   | 44.7   |
|                | TotalPower | 5,704  | 5,698  | 5,685  | 5,741   | 6,434  | 6,428  | 6,415  | 6,471   | 7,248  | 7,243  | 7,230  | 7,286   | 8,130  | 8,125  | 8,112  | 8,168  | 9,116  | 9,110  | 9,097  | 9,153  | 10,272 | 10,266 | 10,253 | 10,309 |
|                | Capacity   | 95,804 | 97,097 | 99,833 | 104,011 | 94,984 | 96,278 | 99,013 | 103,191 | 92,593 | 93,887 | 96,622 | 100,800 | 88,480 | 89,773 | 92,508 | 96,687 | 83,452 | 84,746 | 87,481 | 91,659 | 78,863 | 80,156 | 82,891 | 87,069 |
| <b>3190</b>    | S/T        | 1.0    | 0.9    | 0.8    | 0.7     | 1.0    | 0.9    | 0.8    | 0.7     | 1.0    | 1.0    | 0.8    | 0.7     | 1.0    | 1.0    | 0.8    | 0.7    | 1.0    | 1.0    | 0.9    | 0.7    | 1.0    | 1.0    | 0.9    | 0.8    |
|                | Evap dT    | 28.6   | 26.9   | 23.6   | 20.2    | 28.6   | 26.8   | 23.5   | 20.1    | 28.8   | 27.1   | 23.8   | 20.4    | 28.6   | 26.8   | 23.5   | 20.1   | 28.3   | 26.6   | 23.3   | 19.9   | 29.4   | 27.7   | 24.4   | 21.0   |
|                | Pr Suc     | 120.5  | 121.9  | 124.8  | 129.7   | 127.5  | 128.9  | 131.8  | 136.8   | 133.6  | 135.1  | 138.0  | 142.9   | 138.8  | 140.2  | 143.2  | 148.1  | 143.9  | 145.3  | 148.3  | 153.2  | 150.3  | 151.7  | 154.7  | 159.6  |
|                | Pr Dis     | 266.2  | 267.3  | 269.1  | 273.7   | 307.3  | 308.4  | 310.2  | 314.8   | 350.3  | 351.5  | 353.3  | 357.9   | 396.7  | 397.9  | 399.7  | 404.2  | 446.7  | 447.9  | 449.7  | 454.2  | 500.1  | 501.2  | 503.1  | 507.6  |
|                | ODamps     | 23.7   | 23.7   | 23.6   | 23.9    | 27.0   | 27.0   | 27.0   | 27.2    | 30.8   | 30.7   | 30.7   | 30.9    | 34.8   | 34.8   | 34.7   | 35.0   | 39.3   | 39.3   | 39.2   | 39.5   | 44.6   | 44.6   | 44.5   | 44.8   |
|                | TotalPower | 5,729  | 5,724  | 5,711  | 5,767   | 6,459  | 6,454  | 6,441  | 6,497   | 7,274  | 7,269  | 7,256  | 7,312   | 8,156  | 8,150  | 8,138  | 8,194  | 9,141  | 9,136  | 9,123  | 9,179  | 10,297 | 10,292 | 10,279 | 10,335 |

IDB: Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects AHRI conditions

kW=Total system power  
Amps = outdoor unit amps (comp.+fan)

|      |            | OUTDOOR AMBIENT TEMPERATURE |        |        |         |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       |    |    |    |  |  |       |  |  |  |  |  |
|------|------------|-----------------------------|--------|--------|---------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|----|----|----|--|--|-------|--|--|--|--|--|
|      |            | 65°F                        |        |        |         |        |        | 75°F   |         |        |        |        |        | 85°F   |        |        |        |        |        | 95°F   |        |        |        |        |        | 105°F |    |    |    |  |  | 115°F |  |  |  |  |  |
| IDB  | AIRFLOW    | 59                          | 63     | 67     | 71      | 59     | 63     | 67     | 71      | 59     | 63     | 67     | 71     | 59     | 63     | 67     | 71     | 59     | 63     | 67     | 71     | 59     | 63     | 67     | 71     | 59    | 63 | 67 | 71 |  |  |       |  |  |  |  |  |
| 2610 | Capacity   | 91,686                      | 92,979 | 95,714 | -       | 90,866 | 92,159 | 94,895 | -       | 88,475 | 89,768 | 92,504 | -      | 84,361 | 85,655 | 88,390 | -      | 79,334 | 80,627 | 83,362 | -      | 74,744 | 76,037 | 78,773 | -      |       |    |    |    |  |  |       |  |  |  |  |  |
|      | S/T        | 0.6                         | 0.5    | 0.4    | -       | 0.6    | 0.5    | 0.4    | -       | 0.6    | 0.5    | 0.4    | -      | 0.6    | 0.6    | 0.4    | -      | 0.7    | 0.6    | 0.5    | -      | 1.0    | 0.6    | 0.5    | -      |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Evap dT    | 19.0                        | 17.2   | 13.9   | -       | 18.9   | 17.1   | 13.9   | -       | 19.2   | 17.4   | 14.1   | -      | 18.9   | 17.1   | 13.8   | -      | 18.7   | 16.9   | 13.6   | -      | 19.8   | 18.0   | 14.7   | -      |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Pr Suc     | 115.4                       | 116.8  | 119.8  | -       | 122.4  | 123.9  | 126.8  | -       | 128.6  | 130.0  | 132.9  | -      | 133.8  | 135.2  | 138.1  | -      | 138.9  | 140.3  | 143.2  | -      | 145.2  | 146.7  | 149.6  | -      |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Pr Dis     | 260.8                       | 261.9  | 263.8  | -       | 301.9  | 303.0  | 304.9  | -       | 345.0  | 346.1  | 347.9  | -      | 391.3  | 392.5  | 394.3  | -      | 441.4  | 442.5  | 444.3  | -      | 494.7  | 495.8  | 497.7  | -      |       |    |    |    |  |  |       |  |  |  |  |  |
|      | ODAmps     | 11.7                        | 11.7   | 11.6   | -       | 13.4   | 13.3   | 13.3   | -       | 15.2   | 15.2   | 15.2   | -      | 17.2   | 17.2   | 17.2   | -      | 19.5   | 19.5   | 19.5   | -      | 22.1   | 22.1   | 22.1   | -      |       |    |    |    |  |  |       |  |  |  |  |  |
| 70   | TotalPower | 5,661                       | 5,655  | 5,642  | -       | 6,391  | 6,385  | 6,372  | -       | 7,206  | 7,200  | 7,187  | -      | 8,087  | 8,082  | 8,069  | -      | 9,073  | 9,067  | 9,054  | -      | 10,229 | 10,223 | 10,210 | -      |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Capacity   | 92,636                      | 93,929 | 96,664 | -       | 91,816 | 93,109 | 95,845 | -       | 89,425 | 90,718 | 93,454 | -      | 85,311 | 86,605 | 89,340 | -      | 80,284 | 81,577 | 84,313 | -      | 75,694 | 76,988 | 79,723 | -      |       |    |    |    |  |  |       |  |  |  |  |  |
|      | S/T        | 0.6                         | 0.6    | 0.4    | -       | 0.6    | 0.6    | 0.4    | -       | 0.7    | 0.6    | 0.5    | -      | 0.7    | 0.6    | 0.5    | -      | 0.7    | 0.6    | 0.5    | -      | 1.0    | 0.7    | 0.5    | -      |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Evap dT    | 18.1                        | 16.4   | 13.1   | -       | 18.1   | 16.3   | 13.0   | -       | 18.3   | 16.6   | 13.3   | -      | 18.1   | 16.3   | 13.0   | -      | 17.8   | 16.1   | 12.8   | -      | 18.9   | 17.2   | 13.9   | -      |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Pr Suc     | 116.8                       | 118.2  | 121.1  | -       | 123.8  | 125.2  | 128.1  | -       | 129.9  | 131.3  | 134.3  | -      | 135.1  | 136.5  | 139.5  | -      | 140.2  | 141.6  | 144.6  | -      | 146.6  | 148.0  | 150.9  | -      |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Pr Dis     | 262.5                       | 263.7  | 265.5  | -       | 303.6  | 304.8  | 306.6  | -       | 346.7  | 347.8  | 349.7  | -      | 393.1  | 394.2  | 396.1  | -      | 443.1  | 444.2  | 446.1  | -      | 496.5  | 497.6  | 499.4  | -      |       |    |    |    |  |  |       |  |  |  |  |  |
| 3190 | ODAmps     | 11.8                        | 11.7   | 11.7   | -       | 13.4   | 13.4   | 13.4   | -       | 15.3   | 15.3   | 15.3   | -      | 17.3   | 17.3   | 17.3   | -      | 19.6   | 19.6   | 19.5   | -      | 22.2   | 22.2   | 22.2   | -      |       |    |    |    |  |  |       |  |  |  |  |  |
|      | TotalPower | 5,690                       | 5,685  | 5,672  | -       | 6,420  | 6,415  | 6,402  | -       | 7,235  | 7,230  | 7,217  | -      | 8,117  | 8,111  | 8,099  | -      | 9,102  | 9,097  | 9,084  | -      | 10,258 | 10,253 | 10,240 | -      |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Capacity   | 93,734                      | 95,027 | 97,762 | -       | 92,914 | 94,207 | 96,942 | -       | 90,523 | 91,816 | 94,552 | -      | 86,409 | 87,703 | 90,438 | -      | 81,382 | 82,675 | 85,410 | -      | 76,792 | 78,085 | 80,821 | -      |       |    |    |    |  |  |       |  |  |  |  |  |
|      | S/T        | 0.7                         | 0.6    | 0.5    | -       | 0.7    | 0.6    | 0.5    | -       | 0.7    | 0.6    | 0.5    | -      | 0.7    | 0.6    | 0.5    | -      | 0.7    | 0.7    | 0.5    | -      | 1.0    | 0.7    | 0.6    | -      |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Evap dT    | 17.4                        | 15.6   | 12.3   | -       | 17.3   | 15.6   | 12.3   | -       | 17.6   | 15.8   | 12.5   | -      | 17.3   | 15.6   | 12.3   | -      | 17.1   | 15.3   | 12.0   | -      | 18.2   | 16.4   | 13.1   | -      |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Pr Suc     | 118.2                       | 119.6  | 122.6  | -       | 125.2  | 126.6  | 129.6  | -       | 131.4  | 132.8  | 135.7  | -      | 136.6  | 138.0  | 140.9  | -      | 141.7  | 143.1  | 146.0  | -      | 148.0  | 149.5  | 152.4  | -      |       |    |    |    |  |  |       |  |  |  |  |  |
| 75   | Pr Dis     | 264.2                       | 265.4  | 267.2  | -       | 305.3  | 306.5  | 308.3  | -       | 348.4  | 349.5  | 351.4  | -      | 394.8  | 395.9  | 397.8  | -      | 444.8  | 445.9  | 447.8  | -      | 498.2  | 499.3  | 501.1  | -      |       |    |    |    |  |  |       |  |  |  |  |  |
|      | ODAmps     | 11.8                        | 11.8   | 11.8   | -       | 13.5   | 13.5   | 13.4   | -       | 15.4   | 15.3   | 15.3   | -      | 17.4   | 17.4   | 17.3   | -      | 19.6   | 19.6   | 19.6   | -      | 22.3   | 22.3   | 22.2   | -      |       |    |    |    |  |  |       |  |  |  |  |  |
|      | TotalPower | 5,716                       | 5,711  | 5,698  | -       | 6,446  | 6,441  | 6,428  | -       | 7,261  | 7,255  | 7,243  | -      | 8,143  | 8,137  | 8,125  | -      | 9,128  | 9,123  | 9,110  | -      | 10,284 | 10,279 | 10,266 | -      |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Capacity   | 91,739                      | 93,032 | 95,768 | 99,946  | 90,919 | 92,213 | 94,948 | 99,126  | 88,528 | 89,822 | 92,557 | 96,735 | 84,415 | 85,708 | 88,443 | 92,621 | 79,387 | 80,680 | 83,416 | 87,594 | 74,798 | 76,091 | 78,826 | 83,004 |       |    |    |    |  |  |       |  |  |  |  |  |
|      | S/T        | 0.7                         | 0.6    | 0.5    | 0.4     | 0.7    | 0.6    | 0.5    | 0.4     | 0.7    | 0.7    | 0.5    | 0.4    | 1.0    | 0.7    | 0.6    | 0.4    | 1.0    | 0.7    | 0.6    | 0.4    | 1.0    | 0.8    | 0.6    | 0.5    |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Evap dT    | 22.8                        | 21.1   | 17.8   | 14.4    | 22.8   | 21.0   | 17.7   | 14.3    | 23.0   | 21.3   | 18.0   | 14.6   | 22.8   | 21.0   | 17.7   | 14.3   | 22.5   | 20.8   | 17.5   | 14.1   | 23.6   | 21.9   | 18.6   | 15.2   |       |    |    |    |  |  |       |  |  |  |  |  |
| 2610 | Pr Suc     | 115.5                       | 116.9  | 119.8  | 124.7   | 122.5  | 123.9  | 126.8  | 131.7   | 128.6  | 130.0  | 133.0  | 137.9  | 133.8  | 135.2  | 138.2  | 143.1  | 138.9  | 140.3  | 143.3  | 148.2  | 145.3  | 146.7  | 149.6  | 154.5  |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Pr Dis     | 261.0                       | 262.1  | 264.0  | 268.5   | 302.1  | 303.3  | 305.1  | 309.6   | 345.2  | 346.3  | 348.2  | 352.7  | 391.6  | 392.7  | 394.5  | 399.1  | 441.6  | 442.7  | 444.5  | 449.1  | 494.9  | 496.1  | 497.9  | 502.5  |       |    |    |    |  |  |       |  |  |  |  |  |
|      | ODAmps     | 11.7                        | 11.7   | 11.6   | 11.8    | 13.3   | 13.3   | 13.3   | 13.4    | 15.2   | 15.2   | 15.2   | 15.3   | 17.2   | 17.2   | 17.2   | 17.3   | 19.5   | 19.5   | 19.4   | 19.6   | 22.1   | 22.1   | 22.1   | 22.2   |       |    |    |    |  |  |       |  |  |  |  |  |
|      | TotalPower | 5,656                       | 5,650  | 5,638  | 5,694   | 6,386  | 6,380  | 6,368  | 6,424   | 7,201  | 7,195  | 7,183  | 7,238  | 8,083  | 8,077  | 8,064  | 8,120  | 9,068  | 9,062  | 9,050  | 9,106  | 10,224 | 10,218 | 10,206 | 10,261 |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Capacity   | 92,689                      | 93,982 | 96,718 | 100,896 | 91,869 | 93,163 | 95,898 | 100,076 | 89,478 | 90,772 | 93,507 | 97,685 | 85,365 | 86,658 | 89,393 | 93,571 | 80,337 | 81,631 | 84,366 | 88,544 | 75,748 | 77,041 | 79,776 | 83,954 |       |    |    |    |  |  |       |  |  |  |  |  |
|      | S/T        | 0.8                         | 0.7    | 0.6    | 0.4     | 0.8    | 0.7    | 0.6    | 0.4     | 0.8    | 0.7    | 0.6    | 0.4    | 1.0    | 0.7    | 0.6    | 0.5    | 1.0    | 0.7    | 0.6    | 0.5    | 1.0    | 0.8    | 0.7    | 0.5    |       |    |    |    |  |  |       |  |  |  |  |  |
| 2900 | Evap dT    | 22.0                        | 20.2   | 16.9   | 13.5    | 22.0   | 20.2   | 16.9   | 13.5    | 22.2   | 20.4   | 17.1   | 13.7   | 21.9   | 20.2   | 16.9   | 13.5   | 21.7   | 19.9   | 16.6   | 13.2   | 22.8   | 21.0   | 17.7   | 14.3   |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Pr Suc     | 116.8                       | 118.2  | 121.1  | 126.1   | 123.8  | 125.2  | 128.2  | 133.1   | 129.9  | 131.4  | 134.3  | 139.2  | 135.1  | 136.6  | 139.5  | 144.4  | 140.2  | 141.7  | 144.6  | 149.5  | 146.6  | 148.0  | 151.0  | 155.9  |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Pr Dis     | 262.8                       | 263.9  | 265.7  | 270.3   | 303.9  | 305.0  | 306.8  | 311.4   | 346.9  | 348.1  | 349.9  | 354.5  | 393.3  | 394.5  | 396.3  | 400.8  | 443.3  | 444.5  | 446.3  | 450.8  | 496.7  | 497.8  | 499.7  | 504.2  |       |    |    |    |  |  |       |  |  |  |  |  |
|      | ODAmps     | 11.7                        | 11.7   | 11.7   | 11.8    | 13.4   | 13.4   | 13.4   | 13.5    | 15.3   | 15.3   | 15.2   | 15.4   | 17.3   | 17.3   | 17.3   | 17.4   | 19.6   | 19.5   | 19.5   | 19.6   | 22.2   | 22.2   | 22.2   | 22.3   |       |    |    |    |  |  |       |  |  |  |  |  |
|      | TotalPower | 5,686                       | 5,680  | 5,668  | 5,723   | 6,416  | 6,410  | 6,398  | 6,453   | 7,231  | 7,225  | 7,212  | 7,268  | 8,112  | 8,107  | 8,094  | 8,150  | 9,098  | 9,092  | 9,080  | 9,135  | 10,254 | 10,248 | 10,235 | 10,291 |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Capacity   | 93,787                      | 95,080 | 97,815 | 101,994 | 92,967 | 94,261 | 96,996 | 101,174 | 90,576 | 91,870 | 94,605 | 98,783 | 86,463 | 87,756 | 90,491 | 94,669 | 81,435 | 82,728 | 85,464 | 89,642 | 76,846 | 78,139 | 80,874 | 85,052 |       |    |    |    |  |  |       |  |  |  |  |  |
| 3190 | S/T        | 0.8                         | 0.7    | 0.6    | 0.4     | 0.8    | 0.7    | 0.6    | 0.5     | 0.8    | 0.7    | 0.6    | 0.5    | 1.0    | 0.8    | 0.6    | 0.5    | 1.0    | 0.8    | 0.6    | 0.5    | 1.0    | 0.8    | 0.7    | 0.6    |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Evap dT    | 21.3                        | 19.5   | 16.2   | 12.8    | 21.2   | 19.5   | 16.2   | 12.7    | 21.5   | 19.7   | 16.4   | 13.0   | 21.2   | 19.4   | 16.1   | 12.7   | 21.0   | 19.2   | 15.9   | 12.5   | 22.1   | 20.3   | 17.0   | 13.6   |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Pr Suc     | 118.2                       | 119.7  | 122.6  | 127.5   | 125.2  | 126.7  | 129.6  | 134.5   | 131.4  | 132.8  | 135.7  | 140.7  | 136.6  | 138.0  | 140.9  | 145.8  | 141.7  | 143.1  | 146.0  | 150.9  | 148.1  | 149.5  | 152.4  | 157.3  |       |    |    |    |  |  |       |  |  |  |  |  |
|      | Pr Dis     | 264.5                       | 265.6  | 267.4  | 272.0   | 305.6  | 306.7  | 308.5  | 313.1   | 348.6  | 349.8  | 351.6  | 356.1  | 395.0  | 396.2  | 398.0  | 402.5  | 445.0  | 446.2  | 448.0  | 452.5  | 498.4  | 499.5  | 501.4  | 505.9  |       |    |    |    |  |  |       |  |  |  |  |  |
|      | ODAmps     | 11.8                        | 11.8   | 11.8   | 11.9    | 13.5   | 13.5   | 13.4   | 13.6    | 15.3   | 15.3   | 15.3   | 15.4   | 17.4   | 17.3   | 17.3   | 17.4   | 19.6   | 19.6   | 19.6   | 19.7   | 22.3   | 22.2   | 22.2   | 22.3   |       |    |    |    |  |  |       |  |  |  |  |  |
|      | TotalPower | 5,712                       | 5,706  | 5,693  | 5,749   | 6,442  | 6,436  | 6,423  | 6,479   | 7,256  | 7,251  | 7,238  | 7,294  | 8,138  | 8,133  | 8,120  | 8,176  | 9,124  | 9,118  | 9,105  | 9,161  | 10,280 | 10,274 | 10,261 | 10,317 |       |    |    |    |  |  |       |  |  |  |  |  |

|      |            | OUTDOOR AMBIENT TEMPERATURE |        |        |         |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|------|------------|-----------------------------|--------|--------|---------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      |            | 65°F                        |        |        |         | 75°F   |        |        |         | 85°F   |        |        |        | 95°F   |        |        |        | 105°F  |        |        |        | 115°F  |        |        |        |
| IDB  | AIRFLOW    | 59                          | 63     | 67     | 71      | 59     | 63     | 67     | 71      | 59     | 63     | 67     | 71     | 59     | 63     | 67     | 71     | 59     | 63     | 67     | 71     | 59     | 63     | 67     | 71     |
|      | Capacity   | 92,213                      | 93,507 | 96,242 | 100,420 | 91,394 | 92,687 | 95,422 | 99,600  | 89,003 | 90,296 | 93,031 | 97,209 | 84,889 | 86,182 | 88,918 | 93,096 | 79,862 | 81,155 | 83,890 | 88,068 | 75,272 | 76,565 | 79,300 | 83,479 |
|      | S/T        | 0.8                         | 0.8    | 0.6    | 0.5     | 1.0    | 0.8    | 0.6    | 0.5     | 1.0    | 0.8    | 0.7    | 0.5    | 1.0    | 0.8    | 0.7    | 0.5    | 1.0    | 0.8    | 0.7    | 0.6    | 1.0    | 1.0    | 0.7    | 0.6    |
|      | Evap dT    | 26.7                        | 25.0   | 21.7   | 18.3    | 26.7   | 24.9   | 21.6   | 18.2    | 26.9   | 25.2   | 21.9   | 18.5   | 26.7   | 24.9   | 21.6   | 18.2   | 26.4   | 24.7   | 21.4   | 18.0   | 27.6   | 25.8   | 22.5   | 19.1   |
| 2610 | Pr Suc     | 116.0                       | 117.4  | 120.3  | 125.2   | 123.0  | 124.4  | 127.3  | 132.2   | 129.1  | 130.5  | 133.5  | 138.4  | 134.3  | 135.7  | 138.7  | 143.2  | 139.4  | 140.8  | 143.8  | 148.7  | 145.8  | 147.2  | 150.1  | 155.0  |
|      | Pr Dis     | 261.5                       | 262.6  | 264.5  | 269.0   | 302.6  | 303.7  | 305.6  | 310.1   | 345.7  | 346.8  | 348.6  | 353.2  | 392.1  | 393.2  | 395.0  | 399.6  | 442.1  | 443.2  | 445.0  | 449.6  | 495.4  | 496.6  | 498.4  | 502.9  |
|      | ODamps     | 11.7                        | 11.7   | 11.6   | 11.8    | 13.4   | 13.3   | 13.3   | 13.4    | 15.2   | 15.2   | 15.2   | 15.3   | 17.2   | 17.2   | 17.2   | 17.3   | 19.5   | 19.5   | 19.5   | 19.6   | 22.1   | 22.1   | 22.1   | 22.2   |
|      | TotalPower | 5,660                       | 5,654  | 5,642  | 5,697   | 6,390  | 6,384  | 6,372  | 6,427   | 7,205  | 7,199  | 7,186  | 7,242  | 8,086  | 8,081  | 8,068  | 8,124  | 9,072  | 9,066  | 9,054  | 9,109  | 10,228 | 10,222 | 10,209 | 10,265 |
| 80   | Capacity   | 93,163                      | 94,457 | 97,192 | 101,370 | 92,344 | 93,637 | 96,372 | 100,550 | 89,953 | 91,246 | 93,981 | 98,159 | 85,839 | 87,132 | 89,868 | 94,046 | 80,812 | 82,105 | 84,840 | 89,018 | 76,222 | 77,515 | 80,251 | 84,429 |
|      | S/T        | 0.9                         | 0.8    | 0.7    | 0.5     | 1.0    | 0.8    | 0.7    | 0.5     | 1.0    | 0.8    | 0.7    | 0.6    | 1.0    | 0.8    | 0.7    | 0.6    | 1.0    | 0.9    | 0.7    | 0.6    | 1.0    | 1.0    | 0.8    | 0.7    |
|      | Evap dT    | 25.9                        | 24.1   | 20.8   | 17.4    | 25.9   | 24.1   | 20.8   | 17.4    | 26.1   | 24.3   | 21.0   | 17.6   | 25.8   | 24.1   | 20.8   | 17.4   | 25.6   | 23.8   | 20.5   | 17.1   | 26.7   | 24.9   | 21.7   | 18.2   |
|      | Pr Dis     | 117.3                       | 118.7  | 121.7  | 126.6   | 124.3  | 125.7  | 128.7  | 133.6   | 130.5  | 131.9  | 134.8  | 139.7  | 135.6  | 137.1  | 140.0  | 144.9  | 140.7  | 142.2  | 145.1  | 150.0  | 147.1  | 148.5  | 151.5  | 156.4  |
| 3190 | Pr Dis     | 263.2                       | 264.4  | 266.2  | 270.7   | 304.4  | 305.5  | 307.3  | 311.9   | 347.4  | 348.6  | 350.4  | 354.9  | 393.8  | 394.9  | 396.8  | 401.3  | 443.8  | 444.9  | 446.8  | 451.3  | 497.2  | 498.3  | 500.1  | 504.7  |
|      | ODamps     | 11.8                        | 11.7   | 11.7   | 11.8    | 13.4   | 13.4   | 13.4   | 13.5    | 15.3   | 15.3   | 15.2   | 15.4   | 17.3   | 17.3   | 17.3   | 17.4   | 19.6   | 19.6   | 19.5   | 19.7   | 22.2   | 22.2   | 22.2   | 22.3   |
|      | TotalPower | 5,690                       | 5,684  | 5,671  | 5,727   | 6,420  | 6,414  | 6,401  | 6,457   | 7,234  | 7,229  | 7,216  | 7,272  | 8,116  | 8,111  | 8,098  | 8,154  | 9,102  | 9,096  | 9,083  | 9,139  | 10,258 | 10,252 | 10,239 | 10,295 |
|      | Capacity   | 94,261                      | 95,555 | 98,290 | 102,468 | 93,442 | 94,735 | 97,470 | 101,648 | 91,051 | 92,344 | 95,079 | 99,257 | 86,937 | 88,230 | 90,966 | 95,144 | 81,910 | 83,203 | 85,938 | 90,116 | 77,320 | 78,613 | 81,348 | 85,527 |
| 3190 | S/T        | 0.9                         | 0.8    | 0.7    | 0.6     | 1.0    | 0.8    | 0.7    | 0.6     | 1.0    | 0.9    | 0.7    | 0.6    | 1.0    | 0.9    | 0.7    | 0.6    | 1.0    | 0.9    | 0.8    | 0.6    | 1.0    | 1.0    | 0.8    | 0.7    |
|      | Evap dT    | 25.2                        | 23.4   | 20.1   | 16.7    | 25.1   | 23.4   | 20.1   | 16.7    | 25.4   | 23.6   | 20.3   | 16.9   | 25.1   | 23.3   | 20.1   | 16.6   | 24.9   | 23.1   | 19.8   | 16.4   | 26.0   | 24.2   | 20.9   | 17.5   |
|      | Pr Suc     | 118.7                       | 120.2  | 123.1  | 128.0   | 125.8  | 127.2  | 130.1  | 135.0   | 131.9  | 133.3  | 136.3  | 141.2  | 137.1  | 138.5  | 141.5  | 146.4  | 142.2  | 143.6  | 146.5  | 151.5  | 148.6  | 150.0  | 152.9  | 157.8  |
|      | Pr Dis     | 264.9                       | 266.1  | 267.9  | 272.4   | 306.1  | 307.2  | 309.0  | 313.6   | 349.1  | 350.3  | 352.1  | 356.6  | 395.5  | 396.6  | 398.5  | 403.0  | 445.5  | 446.6  | 448.5  | 453.0  | 498.9  | 500.0  | 501.8  | 506.4  |
| 3190 | ODamps     | 11.8                        | 11.8   | 11.8   | 11.9    | 13.5   | 13.5   | 13.4   | 13.6    | 15.4   | 15.3   | 15.3   | 15.4   | 17.4   | 17.4   | 17.3   | 17.5   | 19.6   | 19.6   | 19.6   | 19.7   | 22.3   | 22.3   | 22.2   | 22.4   |
|      | TotalPower | 5,715                       | 5,710  | 5,697  | 5,753   | 6,445  | 6,440  | 6,427  | 6,483   | 7,260  | 7,255  | 7,242  | 7,298  | 8,142  | 8,136  | 8,124  | 8,180  | 9,127  | 9,122  | 9,109  | 9,165  | 10,283 | 10,278 | 10,265 | 10,321 |

|      |            |        |        |        |         |        |        |        |         |        |        |        |         |        |        |        |        |        |        |        |        |        |        |        |        |
|------|------------|--------|--------|--------|---------|--------|--------|--------|---------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      | Capacity   | 93,756 | 95,049 | 97,785 | 101,963 | 92,937 | 94,230 | 96,965 | 101,143 | 90,546 | 91,839 | 94,574 | 98,752  | 86,432 | 87,725 | 90,460 | 94,639 | 81,404 | 82,698 | 85,433 | 89,611 | 76,815 | 78,108 | 80,843 | 85,021 |
|      | S/T        | 1.0    | 0.9    | 0.7    | 0.6     | 1.0    | 0.9    | 0.7    | 0.6     | 1.0    | 0.9    | 0.8    | 0.6     | 1.0    | 1.0    | 0.8    | 0.6    | 1.0    | 1.0    | 0.8    | 0.7    | 1.0    | 1.0    | 0.8    | 0.7    |
| 2610 | Evap dT    | 30.2   | 28.4   | 25.2   | 21.7    | 30.2   | 28.4   | 25.1   | 21.7    | 30.4   | 28.6   | 25.4   | 21.9    | 30.1   | 28.4   | 25.1   | 21.7   | 29.9   | 28.1   | 24.9   | 21.4   | 31.0   | 29.3   | 26.0   | 22.5   |
|      | Pr Suc     | 117.7  | 119.1  | 122.0  | 127.0   | 124.7  | 126.1  | 129.1  | 134.0   | 130.8  | 132.3  | 135.2  | 140.1   | 136.0  | 137.5  | 140.4  | 145.3  | 141.1  | 142.6  | 145.5  | 150.4  | 147.5  | 148.9  | 151.9  | 156.8  |
|      | Pr Dis     | 262.7  | 263.9  | 265.7  | 270.2   | 303.8  | 305.0  | 306.8  | 311.3   | 346.9  | 348.0  | 349.9  | 354.4   | 393.3  | 394.4  | 396.2  | 400.8  | 443.3  | 444.4  | 446.3  | 450.8  | 496.7  | 497.8  | 499.6  | 504.2  |
|      | ODamps     | 11.7   | 11.7   | 11.7   | 11.8    | 13.4   | 13.4   | 13.3   | 13.5    | 15.3   | 15.2   | 15.2   | 15.3    | 17.3   | 17.3   | 17.2   | 17.4   | 19.5   | 19.5   | 19.5   | 19.6   | 22.2   | 22.2   | 22.1   | 22.3   |
| 85   | TotalPower | 5,674  | 5,668  | 5,655  | 5,711   | 6,404  | 6,398  | 6,385  | 6,441   | 7,219  | 7,213  | 7,200  | 7,256   | 8,100  | 8,095  | 8,082  | 8,138  | 9,086  | 9,080  | 9,068  | 9,123  | 10,242 | 10,236 | 10,223 | 10,279 |
|      | Capacity   | 94,706 | 96,000 | 98,735 | 102,913 | 93,887 | 95,180 | 97,915 | 102,093 | 91,496 | 92,789 | 95,524 | 99,702  | 87,382 | 88,675 | 91,411 | 95,589 | 82,354 | 83,648 | 86,383 | 90,561 | 77,765 | 79,058 | 81,793 | 85,972 |
|      | S/T        | 1.0    | 0.9    | 0.8    | 0.6     | 1.0    | 0.9    | 0.8    | 0.6     | 1.0    | 0.9    | 0.8    | 0.7     | 1.0    | 1.0    | 0.8    | 0.7    | 1.0    | 1.0    | 0.8    | 0.7    | 1.0    | 1.0    | 0.9    | 0.7    |
|      | Evap dT    | 29.4   | 27.6   | 24.3   | 20.9    | 29.3   | 27.6   | 24.3   | 20.9    | 29.6   | 27.8   | 24.5   | 21.1    | 29.3   | 27.5   | 24.2   | 20.8   | 29.1   | 27.3   | 24.0   | 20.6   | 30.2   | 28.4   | 25.1   | 21.7   |
| 2900 | Pr Suc     | 119.0  | 120.5  | 123.4  | 128.3   | 126.0  | 127.5  | 130.4  | 135.3   | 132.2  | 133.6  | 136.5  | 141.4   | 137.4  | 138.8  | 141.7  | 146.6  | 142.5  | 143.9  | 146.8  | 151.7  | 148.8  | 150.3  | 153.2  | 158.1  |
|      | Pr Dis     | 264.5  | 265.6  | 267.4  | 272.0   | 305.6  | 306.7  | 308.5  | 313.1   | 348.7  | 349.8  | 351.6  | 356.2   | 395.0  | 396.2  | 398.0  | 402.5  | 445.0  | 446.2  | 448.0  | 452.5  | 498.4  | 499.5  | 501.4  | 505.9  |
|      | ODamps     | 11.8   | 11.8   | 11.7   | 11.9    | 13.5   | 13.4   | 13.4   | 13.5    | 15.3   | 15.3   | 15.3   | 15.4    | 17.3   | 17.3   | 17.3   | 17.4   | 19.6   | 19.6   | 19.6   | 19.7   | 22.2   | 22.2   | 22.2   | 22.3   |
|      | TotalPower | 5,704  | 5,698  | 5,685  | 5,741   | 6,434  | 6,428  | 6,415  | 6,471   | 7,248  | 7,243  | 7,230  | 7,286   | 8,130  | 8,125  | 8,112  | 8,168  | 9,116  | 9,110  | 9,097  | 9,153  | 10,272 | 10,266 | 10,253 | 10,309 |
| 3190 | Capacity   | 95,804 | 97,097 | 99,833 | 104,011 | 94,984 | 96,278 | 99,013 | 103,191 | 92,593 | 93,887 | 96,622 | 100,800 | 88,480 | 89,773 | 92,508 | 96,687 | 83,452 | 84,746 | 87,481 | 91,659 | 78,863 | 80,156 | 82,891 | 87,069 |
|      | S/T        | 1.0    | 0.9    | 0.8    | 0.7     | 1.0    | 0.9    | 0.8    | 0.7     | 1.0    | 1.0    | 0.8    | 0.7     | 1.0    | 1.0    | 0.8    | 0.7    | 1.0    | 1.0    | 0.9    | 0.7    | 1.0    | 1.0    | 0.9    | 0.8    |
|      | Evap dT    | 28.6   | 26.9   | 23.6   | 20.2    | 28.6   | 26.8   | 23.5   | 20.1    | 28.8   | 27.1   | 23.8   | 20.4    | 28.6   | 26.8   | 23.5   | 20.1   | 28.3   | 26.6   | 23.3   | 19.9   | 29.4   | 27.7   | 24.4   | 21.0   |
|      | Pr Suc     | 120.5  | 121.9  | 124.8  | 129.7   | 127.5  | 128.9  | 131.8  | 136.8   | 133.6  | 135.1  | 138.0  | 142.9   | 138.8  | 140.2  | 143.2  | 148.1  | 143.9  | 145.3  | 148.3  | 153.2  | 150.3  | 151.7  | 154.7  | 159.6  |
| 3190 | Pr Dis     | 266.2  | 267.3  | 269.1  | 273.7   | 307.3  | 308.4  | 310.2  | 314.8   | 350.3  | 351.5  | 353.3  | 357.9   | 396.7  | 397.9  | 399.7  | 404.2  | 446.7  | 447.9  | 449.7  | 454.2  | 500.1  | 501.2  | 503.1  | 507.6  |
|      | ODamps     | 11.8   | 11.8   | 11.8   | 11.9    | 13.5   | 13.5   | 13.5   | 13.6    | 15.4   | 15.4   | 15.3   | 15.5    | 17.4   | 17.4   | 17.4   | 17.5   | 19.7   | 19.6   | 19.6   | 19.7   | 22.3   | 22.3   | 22.3   | 22.4   |
|      | TotalPower | 5,729  | 5,724  | 5,711  | 5,767   | 6,459  | 6,454  | 6,441  | 6,497   | 7,274  | 7,269  | 7,256  | 7,312   | 8,156  | 8,150  | 8,138  | 8,194  | 9,141  | 9,136  | 9,123  | 9,179  | 10,297 | 10,292 | 10,279 | 10,335 |

IDB: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects AHRI conditions

kW=Total system power  
Amps = outdoor unit amps (comp.+fan)

|      |            | OUTDOOR AMBIENT TEMPERATURE |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |
|------|------------|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|
|      |            | 65°F                        |         |         |         | 75°F    |         |         |         | 85°F    |         |         |         | 95°F    |         |         |         | 105°F   |         |         |         | 115°F  |         |         |         |
| IDB  | AIRFLOW    | 59                          | 63      | 67      | 71      | 59      | 63      | 67      | 71      | 59      | 63      | 67      | 71      | 59      | 63      | 67      | 71      | 59      | 63      | 67      | 71      | 59     | 63      | 67      | 71      |
| 3447 | Capacity   | 117,271                     | 118,924 | 122,419 | -       | 116,224 | 117,876 | 121,372 | -       | 113,169 | 114,821 | 118,316 | -       | 107,912 | 109,565 | 113,060 | -       | 101,488 | 103,141 | 106,636 | -       | 95,624 | 97,276  | 100,771 | -       |
|      | S/T        | 0.6                         | 0.5     | 0.4     | -       | 0.6     | 0.5     | 0.4     | -       | 0.6     | 0.6     | 0.4     | -       | 0.6     | 0.6     | 0.4     | -       | 0.7     | 0.6     | 0.5     | -       | 1.0    | 0.6     | 0.5     | -       |
|      | Evap dT    | 18.9                        | 17.1    | 13.8    | -       | 18.8    | 17.1    | 13.8    | -       | 19.1    | 17.3    | 14.0    | -       | 18.8    | 17.0    | 13.7    | -       | 18.6    | 16.8    | 13.5    | -       | 19.7   | 17.9    | 14.6    | -       |
|      | Pr Suc     | 117.8                       | 119.3   | 122.3   | -       | 125.0   | 126.4   | 129.4   | -       | 131.2   | 132.7   | 135.7   | -       | 136.5   | 138.0   | 141.0   | -       | 141.7   | 143.2   | 146.2   | -       | 148.2  | 149.7   | 152.7   | -       |
|      | Pr Dis     | 281.0                       | 282.2   | 284.1   | -       | 325.2   | 326.4   | 328.4   | -       | 371.6   | 372.8   | 374.8   | -       | 421.5   | 422.7   | 424.7   | -       | 475.4   | 476.6   | 478.5   | -       | 532.8  | 534.0   | 536.0   | -       |
| 70   | ODAmps     | 28.2                        | 28.2    | 28.1    | -       | 32.4    | 32.3    | 32.3    | -       | 37.0    | 37.0    | 36.9    | -       | 42.0    | 42.0    | 41.9    | -       | 47.6    | 47.6    | 47.5    | -       | 54.2   | 54.1    | 54.1    | -       |
|      | TotalPower | 7,323                       | 7,316   | 7,301   | -       | 8,229   | 8,222   | 8,207   | -       | 9,241   | 9,234   | 9,218   | -       | 10,336  | 10,328  | 10,313  | -       | 11,559  | 11,552  | 11,536  | -       | 12,994 | 12,987  | 12,971  | -       |
|      | Capacity   | 118,518                     | 120,171 | 123,666 | -       | 117,471 | 119,123 | 122,619 | -       | 114,416 | 116,068 | 119,563 | -       | 109,159 | 110,812 | 114,307 | -       | 102,735 | 104,388 | 107,883 | -       | 96,871 | 98,523  | 102,018 | -       |
|      | S/T        | 0.6                         | 0.6     | 0.4     | -       | 0.6     | 0.6     | 0.4     | -       | 0.7     | 0.6     | 0.5     | -       | 0.7     | 0.6     | 0.5     | -       | 0.7     | 0.6     | 0.5     | -       | 1.0    | 0.7     | 0.6     | -       |
|      | Evap dT    | 18.0                        | 16.3    | 13.0    | -       | 18.0    | 16.2    | 12.9    | -       | 18.2    | 16.5    | 13.2    | -       | 18.0    | 16.2    | 12.9    | -       | 17.7    | 16.0    | 12.7    | -       | 18.8   | 17.1    | 13.8    | -       |
| 3830 | Pr Suc     | 119.2                       | 120.7   | 123.7   | -       | 126.4   | 127.8   | 130.8   | -       | 132.6   | 134.1   | 137.1   | -       | 137.9   | 139.4   | 142.4   | -       | 143.1   | 144.6   | 147.6   | -       | 149.6  | 151.1   | 154.1   | -       |
|      | Pr Dis     | 282.9                       | 284.1   | 286.0   | -       | 327.1   | 328.3   | 330.3   | -       | 373.5   | 374.7   | 376.7   | -       | 423.4   | 424.6   | 426.6   | -       | 477.2   | 478.5   | 480.4   | -       | 534.7  | 535.9   | 537.9   | -       |
|      | ODAmps     | 28.4                        | 28.4    | 28.3    | -       | 32.5    | 32.5    | 32.4    | -       | 37.2    | 37.1    | 37.1    | -       | 42.2    | 42.1    | 42.1    | -       | 47.8    | 47.7    | 47.7    | -       | 54.3   | 54.3    | 54.2    | -       |
|      | TotalPower | 7,361                       | 7,354   | 7,338   | -       | 8,267   | 8,260   | 8,244   | -       | 9,278   | 9,271   | 9,256   | -       | 10,373  | 10,366  | 10,350  | -       | 11,596  | 11,589  | 11,573  | -       | 13,031 | 13,024  | 13,008  | -       |
|      | Capacity   | 119,962                     | 121,615 | 125,110 | -       | 118,915 | 120,568 | 124,063 | -       | 115,860 | 117,512 | 121,007 | -       | 110,603 | 112,256 | 115,751 | -       | 104,180 | 105,832 | 109,327 | -       | 98,315 | 99,967  | 103,463 | -       |
| 4213 | S/T        | 0.7                         | 0.6     | 0.5     | -       | 0.7     | 0.6     | 0.5     | -       | 0.7     | 0.6     | 0.5     | -       | 0.7     | 0.6     | 0.5     | -       | 1.0     | 0.7     | 0.5     | -       | 1.0    | 0.7     | 0.6     | -       |
|      | Evap dT    | 17.3                        | 15.5    | 12.2    | -       | 17.3    | 15.5    | 12.2    | -       | 17.5    | 15.7    | 12.4    | -       | 17.2    | 15.5    | 12.2    | -       | 17.0    | 15.2    | 11.9    | -       | 18.1   | 16.3    | 13.0    | -       |
|      | Pr Suc     | 120.7                       | 122.2   | 125.2   | -       | 127.9   | 129.3   | 132.3   | -       | 134.1   | 135.6   | 138.6   | -       | 139.4   | 140.9   | 143.9   | -       | 144.6   | 146.1   | 149.1   | -       | 151.1  | 152.6   | 155.6   | -       |
|      | Pr Dis     | 284.7                       | 285.9   | 287.9   | -       | 329.0   | 330.2   | 332.1   | -       | 375.3   | 376.5   | 378.5   | -       | 425.3   | 426.5   | 428.4   | -       | 479.1   | 480.3   | 482.3   | -       | 536.5  | 537.8   | 539.7   | -       |
|      | ODAmps     | 28.5                        | 28.5    | 28.4    | -       | 32.7    | 32.6    | 32.6    | -       | 37.3    | 37.3    | 37.2    | -       | 42.3    | 42.3    | 42.2    | -       | 47.9    | 47.9    | 47.8    | -       | 54.5   | 54.4    | 54.4    | -       |
| 75   | TotalPower | 7,392                       | 7,385   | 7,370   | -       | 8,298   | 8,291   | 8,276   | -       | 9,310   | 9,303   | 9,287   | -       | 10,404  | 10,397  | 10,382  | -       | 11,627  | 11,620  | 11,605  | -       | 13,062 | 13,055  | 13,040  | -       |
|      | Capacity   | 117,339                     | 118,992 | 122,487 | 127,826 | 116,292 | 117,945 | 121,440 | 126,778 | 113,237 | 114,889 | 118,385 | 123,723 | 107,981 | 109,633 | 113,128 | 118,467 | 101,557 | 103,209 | 106,704 | 112,043 | 95,692 | 97,345  | 100,840 | 106,178 |
|      | S/T        | 0.7                         | 0.7     | 0.5     | 0.4     | 0.7     | 0.7     | 0.5     | 0.4     | 0.8     | 0.7     | 0.5     | 0.4     | 1.0     | 0.7     | 0.6     | 0.4     | 1.0     | 0.7     | 0.6     | 0.5     | 1.0    | 0.8     | 0.6     | 0.5     |
|      | Evap dT    | 22.7                        | 21.0    | 17.7    | 14.3    | 22.7    | 20.9    | 17.6    | 14.2    | 22.9    | 21.2    | 17.9    | 14.5    | 22.7    | 20.9    | 17.6    | 14.2    | 22.4    | 20.7    | 17.4    | 14.0    | 23.6   | 21.8    | 18.5    | 15.1    |
|      | Pr Suc     | 117.8                       | 119.3   | 122.3   | 127.3   | 125.0   | 126.4   | 129.4   | 134.4   | 131.3   | 132.7   | 135.7   | 140.7   | 136.6   | 138.0   | 141.0   | 146.0   | 141.7   | 143.2   | 146.2   | 151.2   | 148.3  | 149.7   | 152.7   | 157.7   |
| 3447 | Pr Dis     | 281.2                       | 282.4   | 284.4   | 289.3   | 325.5   | 326.7   | 328.7   | 333.5   | 371.8   | 373.1   | 375.0   | 379.9   | 421.8   | 423.0   | 425.0   | 429.8   | 475.6   | 476.8   | 478.8   | 483.7   | 533.1  | 534.3   | 536.2   | 541.1   |
|      | ODAmps     | 28.2                        | 28.2    | 28.1    | 28.4    | 32.3    | 32.3    | 32.2    | 32.6    | 37.0    | 36.9    | 36.9    | 37.2    | 42.0    | 41.9    | 41.9    | 42.2    | 47.6    | 47.5    | 47.5    | 47.8    | 54.1   | 54.1    | 54.0    | 54.4    |
|      | TotalPower | 7,317                       | 7,310   | 7,295   | 7,364   | 8,224   | 8,216   | 8,201   | 8,270   | 9,235   | 9,228   | 9,212   | 9,282   | 10,330  | 10,323  | 10,307  | 10,376  | 11,553  | 11,546  | 11,530  | 11,599  | 12,988 | 12,980  | 12,965  | 13,034  |
|      | Capacity   | 118,586                     | 120,239 | 123,734 | 129,073 | 117,539 | 119,192 | 122,687 | 128,025 | 114,484 | 116,136 | 119,632 | 124,970 | 109,228 | 110,880 | 114,375 | 119,714 | 102,804 | 104,456 | 107,951 | 113,290 | 96,939 | 98,592  | 102,087 | 107,425 |
|      | S/T        | 0.8                         | 0.7     | 0.6     | 0.4     | 0.8     | 0.7     | 0.6     | 0.4     | 0.8     | 0.7     | 0.6     | 0.5     | 1.0     | 0.7     | 0.6     | 0.5     | 1.0     | 0.8     | 0.6     | 0.5     | 1.0    | 0.8     | 0.7     | 0.5     |
| 3830 | Evap dT    | 21.9                        | 20.1    | 16.9    | 13.4    | 21.9    | 20.1    | 16.8    | 13.4    | 22.1    | 20.3    | 17.1    | 13.6    | 21.8    | 20.1    | 16.8    | 13.4    | 21.6    | 19.8    | 16.5    | 13.1    | 22.7   | 21.0    | 17.7    | 14.2    |
|      | Pr Suc     | 119.2                       | 120.7   | 123.7   | 128.7   | 126.4   | 127.8   | 130.8   | 135.8   | 132.6   | 134.1   | 137.1   | 142.1   | 137.9   | 139.4   | 142.4   | 147.4   | 143.1   | 144.6   | 147.6   | 152.6   | 149.6  | 151.1   | 154.1   | 159.1   |
|      | Pr Dis     | 283.1                       | 284.3   | 286.3   | 291.2   | 327.4   | 328.6   | 330.6   | 335.4   | 373.7   | 374.9   | 376.9   | 381.8   | 423.7   | 424.9   | 426.9   | 431.7   | 477.5   | 478.7   | 480.7   | 485.6   | 534.9  | 536.2   | 538.1   | 543.0   |
|      | ODAmps     | 28.4                        | 28.3    | 28.3    | 28.6    | 32.5    | 32.5    | 32.4    | 32.7    | 37.1    | 37.1    | 37.0    | 37.3    | 42.1    | 42.1    | 42.0    | 42.4    | 47.7    | 47.7    | 47.6    | 48.0    | 54.3   | 54.3    | 54.2    | 54.5    |
|      | TotalPower | 7,354                       | 7,347   | 7,332   | 7,401   | 8,260   | 8,253   | 8,238   | 8,307   | 9,272   | 9,265   | 9,249   | 9,319   | 10,367  | 10,359  | 10,344  | 10,413  | 11,590  | 11,582  | 11,567  | 11,636  | 13,024 | 13,017  | 13,002  | 13,071  |
| 4213 | Capacity   | 120,030                     | 121,683 | 125,178 | 130,517 | 118,983 | 120,636 | 124,131 | 129,470 | 115,928 | 117,581 | 121,076 | 126,414 | 110,672 | 112,324 | 115,819 | 121,158 | 104,248 | 105,900 | 109,395 | 114,734 | 98,383 | 100,036 | 103,531 | 108,870 |
|      | S/T        | 0.8                         | 0.7     | 0.6     | 0.5     | 0.8     | 0.7     | 0.6     | 0.5     | 1.0     | 0.8     | 0.6     | 0.5     | 1.0     | 0.8     | 0.6     | 0.5     | 1.0     | 0.8     | 0.7     | 0.5     | 1.0    | 0.8     | 0.7     | 0.6     |
|      | Evap dT    | 21.2                        | 19.4    | 16.1    | 12.7    | 21.1    | 19.4    | 16.1    | 12.7    | 21.4    | 19.6    | 16.3    | 12.9    | 21.1    | 19.4    | 16.1    | 12.6    | 20.9    | 19.1    | 15.8    | 12.4    | 22.0   | 20.2    | 16.9    | 13.5    |
|      | Pr Suc     | 120.7                       | 122.2   | 125.2   | 130.2   | 127.9   | 129.3   | 132.3   | 137.3   | 134.2   | 135.6   | 138.6   | 143.6   | 139.4   | 140.9   | 143.9   | 148.9   | 144.6   | 146.1   | 149.1   | 154.1   | 151.1  | 152.6   | 155.6   | 160.6   |
|      | Pr Dis     | 284.9                       | 286.2   | 288.1   | 293.0   | 329.2   | 330.4   | 332.4   | 337.3   | 375.6   | 376.8   | 378.8   | 383.7   | 425.5   | 426.7   | 428.7   | 433.6   | 479.3   | 480.6   | 482.5   | 487.4   | 536.8  | 538.0   | 540.0   | 544.9   |
| 4213 | ODAmps     | 28.5                        | 28.5    | 28.4    | 28.7    | 32.7    | 32.6    | 32.5    | 32.9    | 37.3    | 37.2    | 37.2    | 37.5    | 42.3    | 42.3    | 42.2    | 42.5    | 47.9    | 47.9    | 47.8    | 48.1    | 54.5   | 54.4    | 54.4    | 54.7    |
|      | TotalPower | 7,386                       | 7,379   | 7,364   | 7,433   | 8,292   | 8,285   | 8,270   | 8,339   | 9,304   | 9,297   | 9,281   | 9,351   | 10,399  | 10,391  | 10,376  | 10,445  | 11,622  | 11,614  | 11,599  | 11,668  | 13,056 | 13,049  | 13,034  | 13,103  |

|         |            | OUTDOOR AMBIENT TEMPERATURE |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
|---------|------------|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|         |            | 65°F                        |         |         |         | 75°F    |         |         |         | 85°F    |         |         |         | 95°F    |         |         |         | 105°F   |         |         |         | 115°F   |         |         |         |
| IDB     | AIRFLOW    | 59                          | 63      | 67      | 71      | 59      | 63      | 67      | 71      | 59      | 63      | 67      | 71      | 59      | 63      | 67      | 71      | 59      | 63      | 67      | 71      | 59      | 63      | 67      | 71      |
| 3447    | Capacity   | 117,946                     | 119,598 | 123,093 | 128,432 | 116,898 | 118,551 | 122,046 | 127,385 | 113,843 | 115,496 | 118,991 | 124,329 | 108,587 | 110,239 | 113,734 | 119,073 | 102,163 | 103,815 | 107,310 | 112,649 | 96,298  | 97,951  | 101,446 | 106,785 |
|         | S/T        | 0.8                         | 0.8     | 0.6     | 0.5     | 1.0     | 0.8     | 0.7     | 0.5     | 1.0     | 0.8     | 0.7     | 0.5     | 1.0     | 0.8     | 0.7     | 0.6     | 1.0     | 0.8     | 0.7     | 0.6     | 1.0     | 1.0     | 0.8     | 0.6     |
|         | Evap dT    | 26.7                        | 24.9    | 21.6    | 18.2    | 26.6    | 24.8    | 21.5    | 18.1    | 26.9    | 25.1    | 21.8    | 18.4    | 26.6    | 24.8    | 21.5    | 18.1    | 26.4    | 24.6    | 21.3    | 17.9    | 27.5    | 25.7    | 22.4    | 19.0    |
|         | Pr Suc     | 118.4                       | 119.8   | 122.8   | 127.8   | 125.5   | 127.0   | 130.0   | 135.0   | 131.8   | 133.2   | 136.2   | 141.2   | 137.1   | 138.5   | 141.5   | 146.5   | 142.3   | 143.7   | 146.7   | 151.7   | 148.8   | 150.2   | 153.2   | 158.2   |
|         | Pr Dis     | 281.7                       | 282.9   | 284.9   | 289.8   | 326.0   | 327.2   | 329.2   | 334.1   | 372.4   | 373.6   | 375.5   | 380.4   | 422.3   | 423.5   | 425.5   | 430.4   | 476.1   | 477.3   | 479.3   | 484.2   | 533.6   | 534.8   | 536.8   | 541.6   |
| 80 3830 | ODAmPs     | 28.2                        | 28.2    | 28.1    | 28.4    | 32.4    | 32.3    | 32.3    | 32.6    | 37.0    | 37.0    | 36.9    | 37.2    | 42.0    | 42.0    | 41.9    | 42.2    | 47.6    | 47.6    | 47.5    | 47.8    | 54.2    | 54.1    | 54.1    | 54.4    |
|         | TotalPower | 7,322                       | 7,315   | 7,300   | 7,369   | 8,228   | 8,221   | 8,206   | 8,275   | 9,240   | 9,233   | 9,217   | 9,287   | 10,334  | 10,327  | 10,312  | 10,381  | 11,557  | 11,550  | 11,535  | 11,604  | 12,992  | 12,985  | 12,970  | 13,039  |
|         | Capacity   | 119,193                     | 120,845 | 124,340 | 129,679 | 118,145 | 119,798 | 123,293 | 128,632 | 115,090 | 116,743 | 120,238 | 125,576 | 109,834 | 111,486 | 114,981 | 120,320 | 103,410 | 105,062 | 108,557 | 113,896 | 97,545  | 99,198  | 102,693 | 108,032 |
|         | S/T        | 0.9                         | 0.8     | 0.7     | 0.5     | 1.0     | 0.8     | 0.7     | 0.6     | 1.0     | 0.8     | 0.7     | 0.6     | 1.0     | 0.9     | 0.7     | 0.6     | 1.0     | 0.9     | 0.8     | 0.6     | 1.0     | 1.0     | 0.8     | 0.7     |
|         | Evap dT    | 25.8                        | 24.1    | 20.8    | 17.3    | 25.8    | 24.0    | 20.7    | 17.3    | 26.0    | 24.3    | 21.0    | 17.5    | 25.8    | 24.0    | 20.7    | 17.3    | 25.5    | 23.8    | 20.5    | 17.0    | 26.6    | 24.9    | 21.6    | 18.1    |
| 4213    | Pr Suc     | 119.8                       | 121.2   | 124.2   | 129.2   | 126.9   | 128.4   | 131.3   | 136.4   | 133.2   | 134.6   | 137.6   | 142.6   | 138.5   | 139.9   | 142.9   | 147.9   | 143.7   | 145.1   | 148.1   | 153.1   | 150.2   | 151.6   | 154.6   | 159.6   |
|         | Pr Dis     | 283.6                       | 284.8   | 286.8   | 291.7   | 327.9   | 329.1   | 331.1   | 336.0   | 374.2   | 375.5   | 377.4   | 382.3   | 424.2   | 425.4   | 427.4   | 432.3   | 478.0   | 479.2   | 481.2   | 486.1   | 535.5   | 536.7   | 538.7   | 543.5   |
|         | ODAmPs     | 28.4                        | 28.3    | 28.3    | 28.6    | 32.5    | 32.5    | 32.4    | 32.7    | 37.2    | 37.1    | 37.1    | 37.4    | 42.2    | 42.1    | 42.1    | 42.4    | 47.8    | 47.7    | 47.7    | 48.0    | 54.3    | 54.3    | 54.2    | 54.5    |
|         | TotalPower | 7,359                       | 7,352   | 7,336   | 7,406   | 8,265   | 8,258   | 8,243   | 8,312   | 9,277   | 9,270   | 9,254   | 9,323   | 10,371  | 10,364  | 10,349  | 10,418  | 11,594  | 11,587  | 11,572  | 11,641  | 13,029  | 13,022  | 13,007  | 13,076  |
|         | Capacity   | 120,637                     | 122,289 | 125,784 | 131,123 | 119,589 | 121,242 | 124,737 | 130,076 | 116,534 | 118,187 | 121,682 | 127,021 | 111,278 | 112,930 | 116,425 | 121,764 | 104,854 | 106,506 | 110,001 | 115,340 | 98,989  | 100,642 | 104,137 | 109,476 |
| 4213    | S/T        | 0.9                         | 0.8     | 0.7     | 0.6     | 1.0     | 0.8     | 0.7     | 0.6     | 1.0     | 0.9     | 0.7     | 0.6     | 1.0     | 0.9     | 0.8     | 0.6     | 1.0     | 1.0     | 0.8     | 0.6     | 1.0     | 1.0     | 0.8     | 0.7     |
|         | Evap dT    | 25.1                        | 23.3    | 20.0    | 16.6    | 25.0    | 23.3    | 20.0    | 16.6    | 25.3    | 23.5    | 20.2    | 16.8    | 25.0    | 23.3    | 20.0    | 16.5    | 24.8    | 23.0    | 19.7    | 16.3    | 25.9    | 24.1    | 20.8    | 17.4    |
|         | Pr Suc     | 121.3                       | 122.7   | 125.7   | 130.7   | 128.4   | 129.9   | 132.9   | 137.9   | 134.7   | 136.1   | 139.1   | 144.1   | 140.0   | 141.4   | 144.4   | 149.4   | 145.2   | 146.6   | 149.6   | 154.6   | 151.7   | 153.1   | 156.1   | 161.1   |
|         | Pr Dis     | 285.5                       | 286.7   | 288.7   | 293.5   | 329.7   | 330.9   | 332.9   | 337.8   | 376.1   | 377.3   | 379.3   | 384.2   | 426.0   | 427.2   | 429.2   | 434.1   | 479.9   | 481.1   | 483.0   | 487.9   | 537.3   | 538.5   | 540.5   | 545.4   |
|         | ODAmPs     | 28.5                        | 28.5    | 28.4    | 28.7    | 32.7    | 32.6    | 32.6    | 32.9    | 37.3    | 37.3    | 37.2    | 37.5    | 42.3    | 42.3    | 42.2    | 42.5    | 47.9    | 47.9    | 47.8    | 48.1    | 54.5    | 54.4    | 54.4    | 54.7    |
| 85 3830 | TotalPower | 7,391                       | 7,384   | 7,368   | 7,438   | 8,297   | 8,290   | 8,275   | 8,344   | 9,309   | 9,302   | 9,286   | 9,355   | 10,403  | 10,396  | 10,381  | 10,450  | 11,626  | 11,619  | 11,604  | 11,673  | 13,061  | 13,054  | 13,038  | 13,108  |
|         | Capacity   | 119,917                     | 121,569 | 125,065 | 130,404 | 118,870 | 120,522 | 124,017 | 129,356 | 115,814 | 117,467 | 120,962 | 126,301 | 110,558 | 112,211 | 115,706 | 121,044 | 104,134 | 105,787 | 109,282 | 114,620 | 98,270  | 99,922  | 103,417 | 108,756 |
|         | S/T        | 1.0                         | 0.9     | 0.7     | 0.6     | 1.0     | 0.9     | 0.7     | 0.6     | 1.0     | 0.9     | 0.8     | 0.6     | 1.0     | 1.0     | 0.8     | 0.6     | 1.0     | 1.0     | 0.8     | 0.7     | 1.0     | 1.0     | 0.9     | 0.7     |
|         | Evap dT    | 30.1                        | 28.4    | 25.1    | 21.6    | 30.1    | 28.3    | 25.0    | 21.6    | 30.3    | 28.6    | 25.3    | 21.8    | 30.1    | 28.3    | 25.0    | 21.6    | 29.8    | 28.1    | 24.8    | 21.3    | 30.9    | 29.2    | 25.9    | 22.4    |
|         | Pr Suc     | 120.1                       | 121.6   | 124.6   | 129.6   | 127.3   | 128.7   | 131.7   | 136.7   | 133.5   | 135.0   | 138.0   | 143.0   | 138.8   | 140.3   | 143.3   | 148.3   | 144.0   | 145.5   | 148.5   | 153.5   | 150.5   | 152.0   | 155.0   | 160.0   |
| 4213    | Pr Dis     | 283.0                       | 284.3   | 286.2   | 291.1   | 327.3   | 328.5   | 330.5   | 335.4   | 373.7   | 374.9   | 376.9   | 381.8   | 423.6   | 424.8   | 426.8   | 431.7   | 477.4   | 478.7   | 480.6   | 485.5   | 534.9   | 536.1   | 538.1   | 543.0   |
|         | ODAmPs     | 28.3                        | 28.3    | 28.2    | 28.5    | 32.4    | 32.4    | 32.3    | 32.7    | 37.1    | 37.0    | 37.0    | 37.3    | 42.1    | 42.0    | 42.0    | 42.3    | 47.7    | 47.6    | 47.6    | 47.9    | 54.2    | 54.2    | 54.1    | 54.5    |
|         | TotalPower | 7,340                       | 7,332   | 7,317   | 7,386   | 8,246   | 8,239   | 8,223   | 8,292   | 9,257   | 9,250   | 9,235   | 9,304   | 10,352  | 10,345  | 10,329  | 10,399  | 11,575  | 11,568  | 11,552  | 11,621  | 13,010  | 13,003  | 12,987  | 13,056  |
|         | Capacity   | 121,164                     | 122,816 | 126,312 | 131,650 | 120,117 | 121,769 | 125,264 | 130,603 | 117,061 | 118,714 | 122,209 | 127,548 | 111,805 | 113,458 | 116,953 | 122,291 | 105,381 | 107,034 | 110,529 | 115,867 | 99,517  | 101,169 | 104,664 | 110,003 |
|         | S/T        | 1.0                         | 0.9     | 0.8     | 0.6     | 1.0     | 0.9     | 0.8     | 0.7     | 1.0     | 1.0     | 0.8     | 0.7     | 1.0     | 1.0     | 0.8     | 0.7     | 1.0     | 1.0     | 0.9     | 0.7     | 1.0     | 1.0     | 0.9     | 0.8     |
| 85 3830 | Evap dT    | 29.3                        | 27.5    | 24.2    | 20.8    | 29.2    | 27.5    | 24.2    | 20.8    | 29.5    | 27.7    | 24.4    | 21.0    | 29.2    | 27.5    | 24.2    | 20.7    | 29.0    | 27.2    | 23.9    | 20.5    | 30.1    | 28.3    | 25.0    | 21.6    |
|         | Pr Suc     | 121.5                       | 123.0   | 126.0   | 131.0   | 128.7   | 130.1   | 133.1   | 138.1   | 134.9   | 136.4   | 139.4   | 144.4   | 140.2   | 141.7   | 144.7   | 149.7   | 145.4   | 146.9   | 149.9   | 154.9   | 151.9   | 153.4   | 156.4   | 161.4   |
|         | Pr Dis     | 284.9                       | 286.2   | 288.1   | 293.0   | 329.2   | 330.4   | 332.4   | 337.3   | 375.6   | 376.8   | 378.8   | 383.6   | 425.5   | 426.7   | 428.7   | 433.6   | 479.3   | 480.5   | 482.5   | 487.4   | 536.8   | 538.0   | 540.0   | 544.9   |
|         | ODAmPs     | 28.5                        | 28.4    | 28.4    | 28.7    | 32.6    | 32.6    | 32.5    | 32.8    | 37.2    | 37.2    | 37.1    | 37.5    | 42.2    | 42.2    | 42.1    | 42.5    | 47.8    | 47.8    | 47.7    | 48.1    | 54.4    | 54.4    | 54.3    | 54.6    |
|         | TotalPower | 7,376                       | 7,369   | 7,354   | 7,423   | 8,283   | 8,275   | 8,260   | 8,329   | 9,294   | 9,287   | 9,271   | 9,341   | 10,389  | 10,382  | 10,366  | 10,435  | 11,612  | 11,604  | 11,589  | 11,658  | 13,046  | 13,039  | 13,024  | 13,093  |
| 4213    | Capacity   | 122,608                     | 124,261 | 127,756 | 133,094 | 121,561 | 123,213 | 126,708 | 132,047 | 118,506 | 120,158 | 123,653 | 128,992 | 113,249 | 114,902 | 118,397 | 123,736 | 106,825 | 108,478 | 111,973 | 117,312 | 100,961 | 102,613 | 106,108 | 111,447 |
|         | S/T        | 1.0                         | 0.9     | 0.8     | 0.7     | 1.0     | 0.9     | 0.8     | 0.7     | 1.0     | 1.0     | 0.8     | 0.7     | 1.0     | 1.0     | 0.9     | 0.7     | 1.0     | 1.0     | 0.9     | 0.7     | 1.0     | 1.0     | 0.9     | 0.8     |
|         | Evap dT    | 28.6                        | 26.8    | 23.5    | 20.1    | 28.5    | 26.7    | 23.4    | 20.0    | 28.8    | 27.0    | 23.7    | 20.3    | 28.5    | 26.7    | 23.4    | 20.0    | 28.3    | 26.5    | 23.2    | 19.8    | 29.4    | 27.6    | 24.3    | 20.9    |
|         | Pr Suc     | 123.0                       | 124.5   | 127.5   | 132.5   | 130.2   | 131.6   | 134.6   | 139.6   | 136.4   | 137.9   | 140.9   | 145.9   | 141.7   | 143.2   | 146.2   | 151.2   | 146.9   | 148.4   | 151.4   | 156.4   | 153.4   | 154.9   | 157.9   | 162.9   |
|         | Pr Dis     | 286.8                       | 288.0   | 290.0   | 294.9   | 331.0   | 332.3   | 334.2   | 339.1   | 377.4   | 378.6   | 380.6   | 385.5   | 427.3   | 428.6   | 430.5   | 435.4   | 481.2   | 482.4   | 484.4   | 489.3   | 538.6   | 539.8   | 541.8   | 546.7   |
| 4213    | ODAmPs     | 28.6                        | 28.6    | 28.5    | 28.8    | 32.8    | 32.7    | 32.7    | 33.0    | 37.4    | 37.4    | 37.3    | 37.6    | 42.4    | 42.4    | 42.3    | 42.6    | 48.0    | 48.0    | 47.9    | 48.2    | 54.6    | 54.5    | 54.5    | 54.8    |
|         | TotalPower | 7,408                       | 7,401   | 7,386   | 7,455   | 8,315   | 8,307   | 8,292   | 8,361   | 9,326   | 9,319   | 9,303   | 9,373   | 10,421  | 10,413  | 10,398  | 10,467  | 11,644  | 11,636  | 11,621  | 11,690  | 13,078  | 13,071  | 13,056  | 13,125  |

IDB: Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects AHRI conditions

kW=Total system power  
Amps = outdoor unit amps (comp.+fan)

|      |            | OUTDOOR AMBIENT TEMPERATURE |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |
|------|------------|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|
|      |            | 65°F                        |         |         |         | 75°F    |         |         |         | 85°F    |         |         |         | 95°F    |         |         |         | 105°F   |         |         |         | 115°F  |         |         |         |
| IDB  | AIRFLOW    | 59                          | 63      | 67      | 71      | 59      | 63      | 67      | 71      | 59      | 63      | 67      | 71      | 59      | 63      | 67      | 71      | 59      | 63      | 67      | 71      | 59     | 63      | 67      | 71      |
| 3447 | Capacity   | 117,271                     | 118,924 | 122,419 | -       | 116,224 | 117,876 | 121,372 | -       | 113,169 | 114,821 | 118,316 | -       | 107,912 | 109,565 | 113,060 | -       | 101,488 | 103,141 | 106,636 | -       | 95,624 | 97,276  | 100,771 | -       |
|      | S/T        | 0.6                         | 0.5     | 0.4     | -       | 0.6     | 0.5     | 0.4     | -       | 0.6     | 0.6     | 0.4     | -       | 0.6     | 0.6     | 0.4     | -       | 0.7     | 0.6     | 0.5     | -       | 1.0    | 0.6     | 0.5     | -       |
|      | Evap dT    | 18.9                        | 17.1    | 13.8    | -       | 18.8    | 17.1    | 13.8    | -       | 19.1    | 17.3    | 14.0    | -       | 18.8    | 17.0    | 13.7    | -       | 18.6    | 16.8    | 13.5    | -       | 19.7   | 17.9    | 14.6    | -       |
|      | Pr Suc     | 117.8                       | 119.3   | 122.3   | -       | 125.0   | 126.4   | 129.4   | -       | 131.2   | 132.7   | 135.7   | -       | 136.5   | 138.0   | 141.0   | -       | 141.7   | 143.2   | 146.2   | -       | 148.2  | 149.7   | 152.7   | -       |
|      | Pr Dis     | 281.0                       | 282.2   | 284.1   | -       | 325.2   | 326.4   | 328.4   | -       | 371.6   | 372.8   | 374.8   | -       | 421.5   | 422.7   | 424.7   | -       | 475.4   | 476.6   | 478.5   | -       | 532.8  | 534.0   | 536.0   | -       |
| 70   | ODAmps     | 14.1                        | 14.1    | 14.1    | -       | 16.2    | 16.2    | 16.1    | -       | 18.5    | 18.5    | 18.4    | -       | 21.0    | 21.0    | 21.0    | -       | 23.8    | 23.8    | 23.7    | -       | 27.1   | 27.1    | 27.0    | -       |
|      | TotalPower | 7,323                       | 7,316   | 7,301   | -       | 8,229   | 8,222   | 8,207   | -       | 9,241   | 9,234   | 9,218   | -       | 10,336  | 10,328  | 10,313  | -       | 11,559  | 11,551  | 11,536  | -       | 12,993 | 12,986  | 12,971  | -       |
|      | Capacity   | 118,518                     | 120,171 | 123,666 | -       | 117,471 | 119,123 | 122,619 | -       | 114,416 | 116,068 | 119,563 | -       | 109,159 | 110,812 | 114,307 | -       | 102,735 | 104,388 | 107,883 | -       | 96,871 | 98,523  | 102,018 | -       |
|      | S/T        | 0.6                         | 0.6     | 0.4     | -       | 0.6     | 0.6     | 0.4     | -       | 0.7     | 0.6     | 0.5     | -       | 0.7     | 0.6     | 0.5     | -       | 0.7     | 0.6     | 0.5     | -       | 1.0    | 0.7     | 0.6     | -       |
|      | Evap dT    | 18.0                        | 16.3    | 13.0    | -       | 18.0    | 16.2    | 12.9    | -       | 18.2    | 16.5    | 13.2    | -       | 18.0    | 16.2    | 12.9    | -       | 17.7    | 16.0    | 12.7    | -       | 18.8   | 17.1    | 13.8    | -       |
| 3830 | Pr Suc     | 119.2                       | 120.7   | 123.7   | -       | 126.4   | 127.8   | 130.8   | -       | 132.6   | 134.1   | 137.1   | -       | 137.9   | 139.4   | 142.4   | -       | 143.1   | 144.6   | 147.6   | -       | 149.6  | 151.1   | 154.1   | -       |
|      | Pr Dis     | 282.9                       | 284.1   | 286.0   | -       | 327.1   | 328.3   | 330.3   | -       | 373.5   | 374.7   | 376.7   | -       | 423.4   | 424.6   | 426.6   | -       | 477.2   | 478.5   | 480.4   | -       | 534.7  | 535.9   | 537.9   | -       |
|      | ODAmps     | 14.2                        | 14.2    | 14.1    | -       | 16.3    | 16.3    | 16.2    | -       | 18.6    | 18.6    | 18.5    | -       | 21.1    | 21.1    | 21.0    | -       | 23.9    | 23.9    | 23.8    | -       | 27.2   | 27.2    | 27.1    | -       |
|      | TotalPower | 7,360                       | 7,353   | 7,338   | -       | 8,266   | 8,259   | 8,244   | -       | 9,278   | 9,271   | 9,255   | -       | 10,372  | 10,365  | 10,350  | -       | 11,595  | 11,588  | 11,573  | -       | 13,030 | 13,023  | 13,008  | -       |
|      | Capacity   | 119,962                     | 121,615 | 125,110 | -       | 118,915 | 120,568 | 124,063 | -       | 115,860 | 117,512 | 121,007 | -       | 110,603 | 112,256 | 115,751 | -       | 104,180 | 105,832 | 109,327 | -       | 98,315 | 99,967  | 103,463 | -       |
| 4213 | S/T        | 0.7                         | 0.6     | 0.5     | -       | 0.7     | 0.6     | 0.5     | -       | 0.7     | 0.6     | 0.5     | -       | 0.7     | 0.6     | 0.5     | -       | 1.0     | 0.7     | 0.5     | -       | 1.0    | 0.7     | 0.6     | -       |
|      | Evap dT    | 17.3                        | 15.5    | 12.2    | -       | 17.3    | 15.5    | 12.2    | -       | 17.5    | 15.7    | 12.4    | -       | 17.2    | 15.5    | 12.2    | -       | 17.0    | 15.2    | 11.9    | -       | 18.1   | 16.3    | 13.0    | -       |
|      | Pr Suc     | 120.7                       | 122.2   | 125.2   | -       | 127.9   | 129.3   | 132.3   | -       | 134.1   | 135.6   | 138.6   | -       | 139.4   | 140.9   | 143.9   | -       | 144.6   | 146.1   | 149.1   | -       | 151.1  | 152.6   | 155.6   | -       |
|      | Pr Dis     | 284.7                       | 285.9   | 287.9   | -       | 329.0   | 330.2   | 332.1   | -       | 375.3   | 376.5   | 378.5   | -       | 425.3   | 426.5   | 428.4   | -       | 479.1   | 480.3   | 482.3   | -       | 536.5  | 537.8   | 539.7   | -       |
|      | ODAmps     | 14.3                        | 14.2    | 14.2    | -       | 16.3    | 16.3    | 16.3    | -       | 18.7    | 18.6    | 18.6    | -       | 21.2    | 21.1    | 21.1    | -       | 24.0    | 23.9    | 23.9    | -       | 27.2   | 27.2    | 27.2    | -       |
| 75   | TotalPower | 7,392                       | 7,385   | 7,370   | -       | 8,298   | 8,291   | 8,276   | -       | 9,310   | 9,303   | 9,287   | -       | 10,404  | 10,397  | 10,382  | -       | 11,627  | 11,620  | 11,605  | -       | 13,062 | 13,055  | 13,040  | -       |
|      | Capacity   | 117,339                     | 118,992 | 122,487 | 127,826 | 116,292 | 117,945 | 121,440 | 126,778 | 113,237 | 114,889 | 118,385 | 123,723 | 107,981 | 109,633 | 113,128 | 118,467 | 101,557 | 103,209 | 106,704 | 112,043 | 95,692 | 97,345  | 100,840 | 106,178 |
|      | S/T        | 0.7                         | 0.7     | 0.5     | 0.4     | 0.7     | 0.7     | 0.5     | 0.4     | 0.8     | 0.7     | 0.5     | 0.4     | 1.0     | 0.7     | 0.6     | 0.4     | 1.0     | 0.7     | 0.6     | 0.5     | 1.0    | 0.8     | 0.6     | 0.5     |
|      | Evap dT    | 22.7                        | 21.0    | 17.7    | 14.3    | 22.7    | 20.9    | 17.6    | 14.2    | 22.9    | 21.2    | 17.9    | 14.5    | 22.7    | 20.9    | 17.6    | 14.2    | 22.4    | 20.7    | 17.4    | 14.0    | 23.6   | 21.8    | 18.5    | 15.1    |
|      | Pr Suc     | 117.8                       | 119.3   | 122.3   | 127.3   | 125.0   | 126.4   | 129.4   | 134.4   | 131.3   | 132.7   | 135.7   | 140.7   | 136.6   | 138.0   | 141.0   | 146.0   | 141.7   | 143.2   | 146.2   | 151.2   | 148.3  | 149.7   | 152.7   | 157.7   |
| 3447 | Pr Dis     | 281.2                       | 282.4   | 284.4   | 289.3   | 325.5   | 326.7   | 328.7   | 333.5   | 371.8   | 373.1   | 375.0   | 379.9   | 421.8   | 423.0   | 425.0   | 429.8   | 475.6   | 476.8   | 478.8   | 483.7   | 533.1  | 534.3   | 536.2   | 541.1   |
|      | ODAmps     | 14.1                        | 14.1    | 14.0    | 14.2    | 16.2    | 16.2    | 16.1    | 16.3    | 18.5    | 18.5    | 18.4    | 18.6    | 21.0    | 21.0    | 20.9    | 21.1    | 23.8    | 23.8    | 23.7    | 23.9    | 27.1   | 27.1    | 27.0    | 27.2    |
|      | TotalPower | 7,317                       | 7,310   | 7,295   | 7,364   | 8,224   | 8,216   | 8,201   | 8,270   | 9,235   | 9,228   | 9,212   | 9,282   | 10,330  | 10,323  | 10,307  | 10,376  | 11,553  | 11,546  | 11,530  | 11,599  | 12,988 | 12,980  | 12,965  | 13,034  |
|      | Capacity   | 118,586                     | 120,239 | 123,734 | 129,073 | 117,539 | 119,192 | 122,687 | 128,025 | 114,484 | 116,136 | 119,632 | 124,970 | 109,228 | 110,880 | 114,375 | 119,714 | 102,804 | 104,456 | 107,951 | 113,290 | 96,939 | 98,592  | 102,087 | 107,425 |
|      | S/T        | 0.8                         | 0.7     | 0.6     | 0.4     | 0.8     | 0.7     | 0.6     | 0.4     | 0.8     | 0.7     | 0.6     | 0.5     | 1.0     | 0.7     | 0.6     | 0.5     | 1.0     | 0.8     | 0.6     | 0.5     | 1.0    | 0.8     | 0.7     | 0.5     |
| 3830 | Evap dT    | 21.9                        | 20.1    | 16.9    | 13.4    | 21.9    | 20.1    | 16.8    | 13.4    | 22.1    | 20.3    | 17.1    | 13.6    | 21.8    | 20.1    | 16.8    | 13.4    | 21.6    | 19.8    | 16.5    | 13.1    | 22.7   | 21.0    | 17.7    | 14.2    |
|      | Pr Suc     | 119.2                       | 120.7   | 123.7   | 128.7   | 126.4   | 127.8   | 130.8   | 135.8   | 132.6   | 134.1   | 137.1   | 142.1   | 137.9   | 139.4   | 142.4   | 147.4   | 143.1   | 144.6   | 147.6   | 152.6   | 149.6  | 151.1   | 154.1   | 159.1   |
|      | Pr Dis     | 283.1                       | 284.3   | 286.3   | 291.2   | 327.4   | 328.6   | 330.6   | 335.4   | 373.7   | 374.9   | 376.9   | 381.8   | 423.7   | 424.9   | 426.9   | 431.7   | 477.5   | 478.7   | 480.7   | 485.6   | 534.9  | 536.2   | 538.1   | 543.0   |
|      | ODAmps     | 14.2                        | 14.2    | 14.1    | 14.3    | 16.3    | 16.2    | 16.2    | 16.4    | 18.6    | 18.6    | 18.5    | 18.7    | 21.1    | 21.1    | 21.0    | 21.2    | 23.9    | 23.9    | 23.8    | 24.0    | 27.2   | 27.1    | 27.1    | 27.3    |
|      | TotalPower | 7,354                       | 7,347   | 7,332   | 7,401   | 8,260   | 8,253   | 8,238   | 8,307   | 9,272   | 9,265   | 9,249   | 9,319   | 10,367  | 10,359  | 10,344  | 10,413  | 11,590  | 11,582  | 11,567  | 11,636  | 13,024 | 13,017  | 13,002  | 13,071  |
| 4213 | Capacity   | 120,030                     | 121,683 | 125,178 | 130,517 | 118,983 | 120,636 | 124,131 | 129,470 | 115,928 | 117,581 | 121,076 | 126,414 | 110,672 | 112,324 | 115,819 | 121,158 | 104,248 | 105,900 | 109,395 | 114,734 | 98,383 | 100,036 | 103,531 | 108,870 |
|      | S/T        | 0.8                         | 0.7     | 0.6     | 0.5     | 0.8     | 0.7     | 0.6     | 0.5     | 1.0     | 0.8     | 0.6     | 0.5     | 1.0     | 0.8     | 0.6     | 0.5     | 1.0     | 0.8     | 0.7     | 0.5     | 1.0    | 0.8     | 0.7     | 0.6     |
|      | Evap dT    | 21.2                        | 19.4    | 16.1    | 12.7    | 21.1    | 19.4    | 16.1    | 12.7    | 21.4    | 19.6    | 16.3    | 12.9    | 21.1    | 19.4    | 16.1    | 12.6    | 20.9    | 19.1    | 15.8    | 12.4    | 22.0   | 20.2    | 16.9    | 13.5    |
|      | Pr Suc     | 120.7                       | 122.2   | 125.2   | 130.2   | 127.9   | 129.3   | 132.3   | 137.3   | 134.2   | 135.6   | 138.6   | 143.6   | 139.4   | 140.9   | 143.9   | 148.9   | 144.6   | 146.1   | 149.1   | 154.1   | 151.1  | 152.6   | 155.6   | 160.6   |
|      | Pr Dis     | 284.9                       | 286.2   | 288.1   | 293.0   | 329.2   | 330.4   | 332.4   | 337.3   | 375.6   | 376.8   | 378.8   | 383.7   | 425.5   | 426.7   | 428.7   | 433.6   | 479.3   | 480.6   | 482.5   | 487.4   | 536.8  | 538.0   | 540.0   | 544.9   |
| 75   | ODAmps     | 14.3                        | 14.2    | 14.2    | 14.4    | 16.3    | 16.3    | 16.3    | 16.4    | 18.6    | 18.6    | 18.6    | 18.7    | 21.1    | 21.1    | 21.1    | 21.3    | 23.9    | 23.9    | 23.9    | 24.1    | 27.2   | 27.2    | 27.2    | 27.3    |
|      | TotalPower | 7,386                       | 7,379   | 7,364   | 7,433   | 8,292   | 8,285   | 8,270   | 8,339   | 9,304   | 9,297   | 9,281   | 9,351   | 10,399  | 10,391  | 10,376  | 10,445  | 11,622  | 11,614  | 11,599  | 11,668  | 13,056 | 13,049  | 13,034  | 13,103  |

|         |            | OUTDOOR AMBIENT TEMPERATURE |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |         |         |
|---------|------------|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|
|         |            | 65°F                        |         |         |         | 75°F    |         |         |         | 85°F    |         |         |         | 95°F    |         |         |         | 105°F   |         |         |         | 115°F  |         |         |         |
| IDB     | AIRFLOW    | 59                          | 63      | 67      | 71      | 59      | 63      | 67      | 71      | 59      | 63      | 67      | 71      | 59      | 63      | 67      | 71      | 59      | 63      | 67      | 71      | 59     | 63      | 67      | 71      |
|         | Capacity   | 117,946                     | 119,598 | 123,093 | 128,432 | 116,898 | 118,551 | 122,046 | 127,385 | 113,843 | 115,496 | 118,991 | 124,329 | 108,587 | 110,239 | 113,734 | 119,073 | 102,163 | 103,815 | 107,310 | 112,649 | 96,298 | 97,951  | 101,446 | 106,785 |
|         | S/T        | 0.8                         | 0.8     | 0.6     | 0.5     | 1.0     | 0.8     | 0.6     | 0.5     | 1.0     | 0.8     | 0.7     | 0.5     | 1.0     | 0.8     | 0.7     | 0.6     | 1.0     | 0.8     | 0.7     | 0.6     | 1.0    | 1.0     | 0.8     | 0.6     |
|         | Evap dT    | 26.7                        | 24.9    | 21.6    | 18.2    | 26.6    | 24.8    | 21.5    | 18.1    | 26.9    | 25.1    | 21.8    | 18.4    | 26.6    | 24.8    | 21.5    | 18.1    | 26.4    | 24.6    | 21.3    | 17.9    | 27.5   | 25.7    | 22.4    | 19.0    |
| 3447    | Pr Suc     | 118.4                       | 119.8   | 122.8   | 127.8   | 125.5   | 127.0   | 130.0   | 135.0   | 131.8   | 133.2   | 136.2   | 141.2   | 137.1   | 138.5   | 141.5   | 146.5   | 142.3   | 143.7   | 146.7   | 151.7   | 148.8  | 150.2   | 153.2   | 158.2   |
|         | Pr Dis     | 281.7                       | 282.9   | 284.9   | 289.8   | 326.0   | 327.2   | 329.2   | 334.1   | 372.4   | 373.6   | 375.5   | 380.4   | 422.3   | 423.5   | 425.5   | 430.4   | 476.1   | 477.3   | 479.3   | 484.2   | 533.6  | 534.8   | 536.8   | 541.6   |
|         | ODamps     | 14.1                        | 14.1    | 14.1    | 14.2    | 16.2    | 16.2    | 16.1    | 16.3    | 18.5    | 18.5    | 18.4    | 18.6    | 21.0    | 21.0    | 20.9    | 21.1    | 23.8    | 23.8    | 23.7    | 23.9    | 27.1   | 27.1    | 27.0    | 27.2    |
|         | TotalPower | 7,323                       | 7,316   | 7,300   | 7,369   | 8,229   | 8,222   | 8,206   | 8,276   | 9,240   | 9,233   | 9,218   | 9,287   | 10,335  | 10,328  | 10,312  | 10,382  | 11,558  | 11,551  | 11,535  | 11,605  | 12,993 | 12,986  | 12,970  | 13,040  |
|         | Capacity   | 119,193                     | 120,845 | 124,340 | 129,679 | 118,145 | 119,798 | 123,293 | 128,632 | 115,090 | 116,743 | 120,238 | 125,576 | 109,834 | 111,487 | 114,982 | 120,321 | 103,410 | 105,063 | 108,558 | 113,897 | 97,546 | 99,198  | 102,693 | 108,032 |
|         | S/T        | 0.9                         | 0.8     | 0.7     | 0.5     | 1.0     | 0.8     | 0.7     | 0.6     | 1.0     | 0.8     | 0.7     | 0.6     | 1.0     | 0.9     | 0.7     | 0.6     | 1.0     | 0.9     | 0.8     | 0.6     | 1.0    | 1.0     | 0.8     | 0.7     |
|         | Evap dT    | 25.8                        | 24.1    | 20.8    | 17.3    | 25.8    | 24.0    | 20.7    | 17.3    | 26.0    | 24.3    | 21.0    | 17.5    | 25.8    | 24.0    | 20.7    | 17.3    | 25.5    | 23.8    | 20.5    | 17.0    | 26.6   | 24.9    | 21.6    | 18.1    |
| 80 3830 | Pr Suc     | 119.8                       | 121.2   | 124.2   | 129.2   | 126.9   | 128.4   | 131.3   | 136.4   | 133.2   | 134.6   | 137.6   | 142.6   | 138.5   | 139.9   | 142.9   | 147.9   | 143.7   | 145.1   | 148.1   | 153.1   | 150.2  | 151.6   | 154.6   | 159.6   |
|         | Pr Dis     | 283.6                       | 284.8   | 286.8   | 291.7   | 327.9   | 329.1   | 331.1   | 336.0   | 374.2   | 375.5   | 377.4   | 382.3   | 424.2   | 425.4   | 427.4   | 432.3   | 478.0   | 479.2   | 481.2   | 486.1   | 535.5  | 536.7   | 538.7   | 543.5   |
|         | ODamps     | 14.2                        | 14.2    | 14.1    | 14.3    | 16.3    | 16.2    | 16.2    | 16.4    | 18.6    | 18.6    | 18.5    | 18.7    | 21.1    | 21.1    | 21.0    | 21.2    | 23.9    | 23.9    | 23.8    | 24.0    | 27.2   | 27.1    | 27.1    | 27.3    |
|         | TotalPower | 7,359                       | 7,352   | 7,336   | 7,406   | 8,265   | 8,258   | 8,243   | 8,312   | 9,277   | 9,270   | 9,254   | 9,32    | 10,371  | 10,364  | 10,349  | 10,418  | 11,594  | 11,587  | 11,572  | 11,641  | 13,029 | 13,022  | 13,007  | 13,076  |
|         | Capacity   | 120,637                     | 122,290 | 125,785 | 131,123 | 119,590 | 121,242 | 124,737 | 130,076 | 116,535 | 118,187 | 121,682 | 127,021 | 111,278 | 112,931 | 116,426 | 121,765 | 104,854 | 106,507 | 110,002 | 113,341 | 98,990 | 100,642 | 104,137 | 109,476 |
|         | S/T        | 0.9                         | 0.8     | 0.7     | 0.6     | 1.0     | 0.8     | 0.7     | 0.6     | 1.0     | 0.9     | 0.7     | 0.6     | 1.0     | 0.9     | 0.8     | 0.6     | 1.0     | 1.0     | 0.8     | 0.6     | 1.0    | 1.0     | 0.8     | 0.7     |
|         | Evap dT    | 25.1                        | 23.3    | 20.0    | 16.6    | 25.0    | 23.3    | 20.0    | 16.6    | 25.3    | 23.5    | 20.2    | 16.8    | 25.0    | 23.3    | 20.0    | 16.5    | 24.8    | 23.0    | 19.7    | 16.3    | 25.9   | 24.1    | 20.8    | 17.4    |
| 4213    | Pr Suc     | 121.3                       | 122.7   | 125.7   | 130.7   | 128.4   | 129.9   | 132.9   | 137.9   | 134.7   | 136.1   | 139.1   | 144.1   | 140.0   | 141.4   | 144.4   | 149.4   | 145.2   | 146.6   | 149.6   | 154.6   | 151.7  | 153.1   | 156.1   | 161.1   |
|         | Pr Dis     | 285.5                       | 286.7   | 288.7   | 293.5   | 329.7   | 330.9   | 332.9   | 337.8   | 376.1   | 377.3   | 379.3   | 384.2   | 426.0   | 427.2   | 429.2   | 434.1   | 479.9   | 481.1   | 483.0   | 487.9   | 537.3  | 538.5   | 540.5   | 545.4   |
|         | ODamps     | 14.3                        | 14.2    | 14.2    | 14.4    | 16.3    | 16.3    | 16.3    | 16.4    | 18.7    | 18.6    | 18.6    | 18.8    | 21.2    | 21.1    | 21.1    | 21.3    | 24.0    | 23.9    | 23.9    | 24.1    | 27.2   | 27.2    | 27.2    | 27.3    |
|         | TotalPower | 7,391                       | 7,384   | 7,368   | 7,438   | 8,297   | 8,290   | 8,275   | 8,344   | 9,309   | 9,302   | 9,286   | 9,355   | 10,403  | 10,396  | 10,381  | 10,450  | 11,626  | 11,619  | 11,604  | 11,673  | 13,061 | 13,054  | 13,038  | 13,108  |

|         |            |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
|---------|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|         | Capacity   | 119,917 | 121,569 | 125,065 | 130,403 | 118,870 | 120,522 | 124,017 | 129,356 | 115,814 | 117,467 | 120,962 | 126,301 | 110,558 | 112,211 | 115,706 | 121,044 | 104,134 | 105,787 | 109,282 | 114,620 | 98,270  | 99,922  | 103,417 | 108,756 |
|         | S/T        | 1.0     | 0.9     | 0.7     | 0.6     | 1.0     | 0.9     | 0.7     | 0.6     | 1.0     | 0.9     | 0.8     | 0.6     | 1.0     | 1.0     | 0.8     | 0.6     | 1.0     | 1.0     | 0.8     | 0.7     | 1.0     | 1.0     | 0.9     | 0.7     |
|         | Evap dT    | 30.1    | 28.4    | 25.1    | 21.6    | 30.1    | 28.3    | 25.0    | 21.6    | 30.3    | 28.6    | 25.3    | 21.8    | 30.1    | 28.3    | 25.0    | 21.6    | 29.8    | 28.1    | 24.8    | 21.3    | 30.9    | 29.2    | 25.9    | 22.4    |
| 3447    | Pr Suc     | 120.1   | 121.6   | 124.6   | 129.6   | 127.3   | 128.7   | 131.7   | 136.7   | 133.5   | 135.0   | 138.0   | 143.0   | 138.8   | 140.3   | 143.3   | 148.3   | 144.0   | 145.5   | 148.5   | 153.5   | 150.5   | 152.0   | 155.0   | 160.0   |
|         | Pr Dis     | 283.0   | 284.3   | 286.2   | 291.1   | 327.3   | 328.5   | 330.5   | 335.4   | 373.7   | 374.9   | 376.9   | 381.8   | 423.6   | 424.8   | 426.8   | 431.7   | 477.4   | 478.7   | 480.6   | 485.5   | 534.9   | 536.1   | 538.1   | 543.0   |
|         | ODamps     | 14.1    | 14.1    | 14.1    | 14.3    | 16.2    | 16.2    | 16.2    | 16.3    | 18.5    | 18.5    | 18.5    | 18.6    | 21.0    | 21.0    | 21.0    | 21.1    | 23.8    | 23.8    | 23.8    | 23.9    | 27.1    | 27.1    | 27.1    | 27.2    |
|         | TotalPower | 7,340   | 7,332   | 7,317   | 7,386   | 8,246   | 8,239   | 8,223   | 8,292   | 9,257   | 9,250   | 9,235   | 9,304   | 10,352  | 10,345  | 10,329  | 10,399  | 11,575  | 11,568  | 11,552  | 11,621  | 13,010  | 13,003  | 12,987  | 13,056  |
|         | Capacity   | 121,164 | 122,816 | 126,312 | 131,650 | 120,117 | 121,769 | 125,264 | 130,603 | 117,061 | 118,714 | 122,209 | 127,548 | 111,805 | 113,458 | 116,953 | 122,291 | 105,381 | 107,034 | 110,529 | 115,867 | 99,517  | 101,169 | 104,664 | 110,003 |
|         | S/T        | 1.0     | 0.9     | 0.8     | 0.6     | 1.0     | 0.9     | 0.8     | 0.7     | 1.0     | 1.0     | 0.8     | 0.7     | 1.0     | 1.0     | 0.8     | 0.7     | 1.0     | 1.0     | 0.9     | 0.7     | 1.0     | 1.0     | 0.9     | 0.8     |
|         | Evap dT    | 29.3    | 27.5    | 24.2    | 20.8    | 29.2    | 27.5    | 24.2    | 20.8    | 29.5    | 27.7    | 24.4    | 21.0    | 29.2    | 27.5    | 24.2    | 20.7    | 29.0    | 27.2    | 23.9    | 20.5    | 30.1    | 28.3    | 25.0    | 21.6    |
| 85 3830 | Pr Suc     | 121.5   | 123.0   | 126.0   | 131.0   | 128.7   | 130.1   | 133.1   | 138.1   | 134.9   | 136.4   | 139.4   | 144.4   | 140.2   | 141.7   | 144.7   | 149.7   | 145.4   | 146.9   | 149.9   | 154.9   | 151.9   | 153.4   | 156.4   | 161.4   |
|         | Pr Dis     | 284.9   | 286.2   | 288.1   | 293.0   | 329.2   | 330.4   | 332.4   | 337.3   | 375.6   | 376.8   | 378.8   | 383.6   | 425.5   | 426.7   | 428.7   | 433.6   | 479.3   | 480.5   | 482.5   | 487.4   | 536.8   | 538.0   | 540.0   | 544.9   |
|         | ODamps     | 14.2    | 14.2    | 14.2    | 14.3    | 16.3    | 16.3    | 16.3    | 16.4    | 18.6    | 18.6    | 18.6    | 18.7    | 21.1    | 21.1    | 21.1    | 21.2    | 23.9    | 23.9    | 23.9    | 24.0    | 27.2    | 27.2    | 27.2    | 27.3    |
|         | TotalPower | 7,376   | 7,369   | 7,354   | 7,423   | 8,283   | 8,275   | 8,260   | 8,329   | 9,294   | 9,287   | 9,271   | 9,341   | 10,389  | 10,382  | 10,366  | 10,435  | 11,612  | 11,604  | 11,589  | 11,658  | 13,046  | 13,039  | 13,024  | 13,093  |
|         | Capacity   | 122,608 | 124,261 | 127,756 | 133,094 | 121,561 | 123,213 | 126,708 | 132,047 | 118,506 | 120,158 | 123,653 | 128,992 | 113,249 | 114,902 | 118,397 | 123,736 | 106,825 | 108,478 | 111,973 | 117,312 | 100,961 | 102,613 | 106,108 | 111,447 |
|         | S/T        | 1.0     | 0.9     | 0.8     | 0.7     | 1.0     | 0.9     | 0.8     | 0.7     | 1.0     | 1.0     | 0.8     | 0.7     | 1.0     | 1.0     | 0.9     | 0.7     | 1.0     | 1.0     | 0.9     | 0.7     | 1.0     | 1.0     | 0.9     | 0.8     |
|         | Evap dT    | 28.6    | 26.8    | 23.5    | 20.1    | 28.5    | 26.7    | 23.4    | 20.0    | 28.8    | 27.0    | 23.7    | 20.3    | 28.5    | 26.7    | 23.4    | 20.0    | 28.3    | 26.5    | 23.2    | 19.8    | 29.4    | 27.6    | 24.3    | 20.9    |
| 4213    | Pr Suc     | 123.0   | 124.5   | 127.5   | 132.5   | 130.2   | 131.6   | 134.6   | 139.6   | 136.4   | 137.9   | 140.9   | 145.9   | 141.7   | 143.2   | 146.2   | 151.2   | 146.9   | 148.4   | 151.4   | 156.4   | 153.4   | 154.9   | 157.9   | 162.9   |
|         | Pr Dis     | 286.8   | 288.0   | 290.0   | 294.9   | 331.0   | 332.3   | 334.2   | 339.1   | 377.4   | 378.6   | 380.6   | 385.5   | 427.3   | 428.6   | 430.5   | 435.4   | 481.2   | 482.4   | 484.4   | 489.3   | 538.6   | 539.8   | 541.8   | 546.7   |
|         | ODamps     | 14.3    | 14.3    | 14.3    | 14.4    | 16.4    | 16.4    | 16.4    | 16.5    | 18.7    | 18.7    | 18.6    | 18.8    | 21.2    | 21.2    | 21.1    | 21.3    | 24.0    | 24.0    | 23.9    | 24.1    | 27.3    | 27.3    | 27.2    | 27.4    |
|         | TotalPower | 7,408   | 7,401   | 7,386   | 7,455   | 8,315   | 8,307   | 8,292   | 8,361   | 9,326   | 9,319   | 9,303   | 9,373   | 10,421  | 10,413  | 10,398  | 10,467  | 11,644  | 11,636  | 11,621  | 11,690  | 13,078  | 13,071  | 13,056  | 13,125  |

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects AHRI conditions

kW=Total system power  
 Amps = outdoor unit amps (comp.-fian)

## DZ14XA0903A\* / DAX0903A\*

|       | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|       | 65                          | 60    | 55    | 50    | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15    | 10    | 5     | 0     | -5    |
| MBh   | 98.59                       | 92.84 | 87.18 | 81.61 | 78.00 | 75.37 | 69.01 | 62.79 | 57.75 | 54.06 | 51.42 | 50.00 | 48.13 | 43.47 | 38.80 | 34.13 | 29.47 |
| T/R   | 30.11                       | 28.63 | 27.15 | 25.67 | 24.78 | 23.99 | 21.92 | 19.96 | 18.34 | 17.17 | 16.33 | 15.88 | 15.29 | 13.81 | 12.32 | 10.84 | 9.36  |
| kW    | 6.85                        | 6.81  | 6.78  | 6.74  | 6.72  | 6.71  | 6.67  | 6.64  | 6.60  | 6.57  | 6.53  | 6.51  | 6.50  | 6.46  | 6.43  | 6.39  | 6.36  |
| Amps  | 25.7                        | 25.5  | 25.4  | 25.2  | 25.1  | 25.1  | 24.9  | 24.8  | 24.6  | 24.5  | 24.3  | 24.2  | 24.2  | 24.0  | 23.8  | 23.7  | 23.5  |
| COP   | 4.22                        | 3.99  | 3.77  | 3.55  | 3.40  | 3.29  | 3.03  | 2.77  | 2.56  | 2.41  | 2.31  | 2.25  | 2.17  | 1.97  | 1.77  | 1.56  | 1.36  |
| EER   | 371                         | 359   | 346   | 334   | 327   | 322   | 310   | 298   | 286   | 274   | 262   | 255   | 250   | 238   | 226   | 214   | 202   |
| HI PR | 121                         | 113   | 106   | 98    | 94    | 91    | 83    | 76    | 68    | 61    | 53    | 49    | 46    | 38    | 31    | 23    | 16    |
| LO PR | 127                         | 118   | 111   | 101   | 96    | 92    | 85    | 76    | 68    | 61    | 54    | 50    | 48    | 41    | 35    | 30    | 26    |

High pressure is measured at the suction service valve ( the larger valve).

Amps = Outdoor unit amps (comp.+fan)

Low pressure is measured at the gauge port connection.

kW = Total system power

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

## DZ14XA0904AX\* / DAX0904A\*

|       | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|       | 65                          | 60    | 55    | 50    | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15    | 10    | 5     | 0     | -5    |
| MBh   | 98.59                       | 92.84 | 87.18 | 81.61 | 78.00 | 75.37 | 69.01 | 62.79 | 57.75 | 54.06 | 51.42 | 50.00 | 48.13 | 43.47 | 38.80 | 34.13 | 29.47 |
| T/R   | 30.11                       | 28.63 | 27.15 | 25.67 | 24.78 | 23.99 | 21.92 | 19.96 | 18.34 | 17.17 | 16.33 | 15.88 | 15.29 | 13.81 | 12.32 | 10.84 | 9.36  |
| kW    | 6.85                        | 6.81  | 6.78  | 6.74  | 6.72  | 6.71  | 6.67  | 6.64  | 6.60  | 6.57  | 6.53  | 6.51  | 6.50  | 6.46  | 6.43  | 6.39  | 6.36  |
| Amps  | 12.8                        | 12.7  | 12.6  | 12.6  | 12.57 | 12.54 | 12.46 | 12.38 | 12.31 | 12.23 | 12.15 | 12.11 | 12.08 | 12    | 11.92 | 11.85 | 11.77 |
| COP   | 4.22                        | 3.99  | 3.77  | 3.55  | 3.40  | 3.29  | 3.03  | 2.77  | 2.56  | 2.41  | 2.31  | 2.25  | 2.17  | 1.97  | 1.77  | 1.56  | 1.36  |
| EER   | 371                         | 359   | 346   | 334   | 327   | 322   | 310   | 298   | 286   | 274   | 262   | 255   | 250   | 238   | 226   | 214   | 202   |
| HI PR | 121                         | 113   | 106   | 98    | 94    | 91    | 83    | 76    | 68    | 61    | 53    | 49    | 46    | 38    | 31    | 23    | 16    |
| LO PR | 127                         | 118   | 111   | 101   | 96    | 92    | 85    | 76    | 68    | 61    | 54    | 50    | 48    | 41    | 35    | 30    | 26    |

High pressure is measured at the suction service valve ( the larger valve).

Amps = Outdoor unit amps (comp.+fan)

Low pressure is measured at the gauge port connection.

kW = Total system power

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

## DZ14XA1203A\* / DAX1203A\*

|       | OUTDOOR AMBIENT TEMPERATURE |        |        |        |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-----------------------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|       | 65                          | 60     | 55     | 50     | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15    | 10    | 5     | 0     | -5    |
| MBh   | 123.97                      | 116.42 | 109.00 | 101.71 | 97.00 | 93.59 | 85.03 | 76.93 | 70.29 | 65.43 | 61.90 | 60.00 | 57.53 | 51.37 | 45.20 | 39.03 | 32.87 |
| T/R   | 31.22                       | 29.61  | 27.99  | 26.38  | 25.41 | 24.54 | 22.27 | 20.15 | 18.41 | 17.14 | 16.21 | 15.72 | 15.07 | 13.45 | 11.84 | 10.22 | 8.61  |
| kW    | 8.69                        | 8.60   | 8.51   | 8.42   | 8.36  | 8.33  | 8.23  | 8.14  | 8.05  | 7.96  | 7.87  | 7.82  | 7.78  | 7.69  | 7.60  | 7.51  | 7.42  |
| Amps  | 31.7                        | 31.3   | 30.9   | 30.5   | 30.2  | 30.1  | 29.7  | 29.3  | 28.9  | 28.5  | 28.1  | 27.9  | 27.7  | 27.3  | 26.9  | 26.5  | 26.1  |
| COP   | 4.18                        | 3.97   | 3.76   | 3.54   | 3.40  | 3.29  | 3.03  | 2.77  | 2.56  | 2.41  | 2.31  | 2.25  | 2.17  | 1.96  | 1.74  | 1.52  | 1.30  |
| EER   | 364                         | 352    | 340    | 328    | 321   | 316   | 304   | 293   | 281   | 269   | 257   | 250   | 245   | 233   | 222   | 210   | 198   |
| HI PR | 113                         | 106    | 99     | 92     | 88    | 85    | 78    | 71    | 64    | 57    | 50    | 46    | 43    | 36    | 29    | 22    | 15    |
| LO PR | 124                         | 115    | 107    | 99     | 93    | 90    | 82    | 73    | 66    | 59    | 52    | 48    | 47    | 39    | 34    | 29    | 25    |

High pressure is measured at the suction service valve ( the larger valve).

Amps = Outdoor unit amps (comp.+fan)

Low pressure is measured at the gauge port connection.

kW = Total system power

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

## DZ14XA1204A\* / DAX1204A\*

|       | OUTDOOR AMBIENT TEMPERATURE |        |        |        |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-----------------------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|       | 65                          | 60     | 55     | 50     | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15    | 10    | 5     | 0     | -5    |
| MBh   | 123.97                      | 116.42 | 109.00 | 101.71 | 97.00 | 93.59 | 85.03 | 76.93 | 70.29 | 65.43 | 61.90 | 60.00 | 57.53 | 51.37 | 45.20 | 39.03 | 32.87 |
| T/R   | 31.22                       | 29.61  | 27.99  | 26.38  | 25.41 | 24.54 | 22.27 | 20.15 | 18.41 | 17.14 | 16.21 | 15.72 | 15.07 | 13.45 | 11.84 | 10.22 | 8.61  |
| kW    | 8.69                        | 8.60   | 8.51   | 8.42   | 8.36  | 8.33  | 8.23  | 8.14  | 8.05  | 7.96  | 7.87  | 7.82  | 7.78  | 7.69  | 7.60  | 7.51  | 7.42  |
| Amps  | 15.8                        | 15.6   | 15.4   | 15.2   | 15.12 | 15.04 | 14.84 | 14.64 | 14.45 | 14.25 | 14.05 | 13.93 | 13.85 | 13.65 | 13.64 | 13.26 | 13.06 |
| COP   | 4.18                        | 3.97   | 3.76   | 3.54   | 3.40  | 3.29  | 3.03  | 2.77  | 2.56  | 2.41  | 2.31  | 2.25  | 2.17  | 1.96  | 1.74  | 1.52  | 1.30  |
| EER   | 364                         | 352    | 340    | 328    | 321   | 316   | 304   | 293   | 281   | 269   | 257   | 250   | 245   | 233   | 222   | 210   | 198   |
| HI PR | 113                         | 106    | 99     | 92     | 88    | 85    | 78    | 71    | 64    | 57    | 50    | 46    | 43    | 36    | 29    | 22    | 15    |
| LO PR | 124                         | 115    | 107    | 99     | 93    | 90    | 82    | 73    | 66    | 59    | 52    | 48    | 47    | 39    | 34    | 29    | 25    |

High pressure is measured at the suction service valve ( the larger valve).

Amps = Outdoor unit amps (comp.+fan)

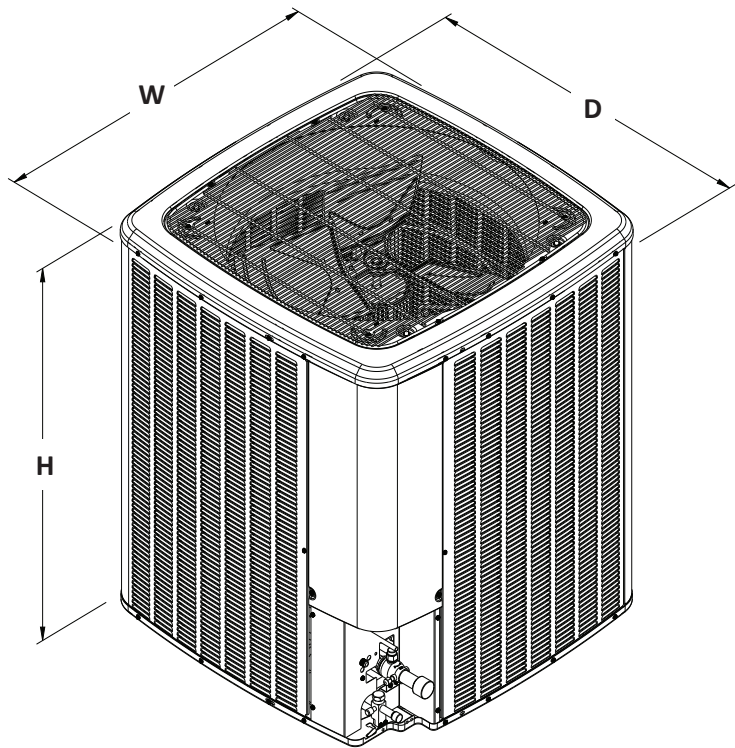
Low pressure is measured at the gauge port connection.

kW = Total system power

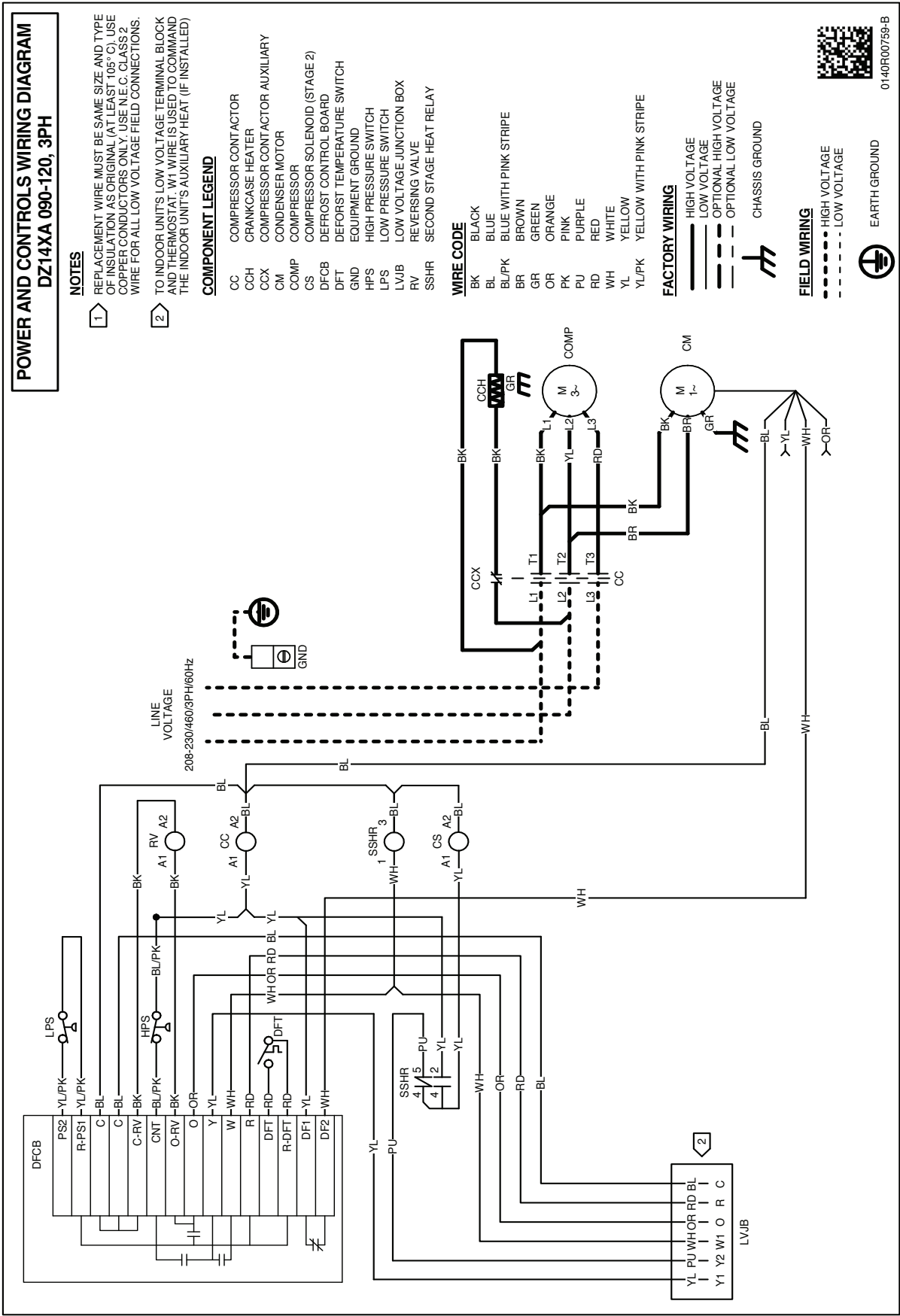
Calculations are based on nominal CFM and 70 °F indoor dry bulb.

| OUTDOOR<br>UNIT | INDOOR<br>UNIT | COOLING CAPACITY <sup>1</sup> (BTU/H) |                  |                   |                  |              |                  |              | AHRI #    |
|-----------------|----------------|---------------------------------------|------------------|-------------------|------------------|--------------|------------------|--------------|-----------|
|                 |                | TOTAL                                 | EER <sup>2</sup> | IEER <sup>3</sup> | HEATING<br>(47F) | COP<br>(47F) | HEATING<br>(17F) | COP<br>(17F) |           |
| DZ14XA0903A*    | DAX0903A*      | 90,000                                | 11.0             | 14.5              | 78,000           | 3.4          | 50,000           | 2.25         | 210605687 |
| DZ14XA0904A*    | DAX0904A*      | 90,000                                | 11.0             | 14.5              | 78,000           | 3.4          | 50,000           | 2.25         | 210605688 |
| DZ14XA1203A*    | DAX1203A*      | 115,000                               | 11.0             | 14.5              | 97,000           | 3.4          | 60,000           | 2.25         | 210605689 |
| DZ14XA1204A*    | DAX1204A*      | 115,000                               | 11.0             | 14.5              | 97,000           | 3.4          | 60,000           | 2.25         | 210605690 |

<sup>1</sup> BTU/h<sup>2</sup> Energy Efficiency Ratio @ 80 °F/67 °F Inside - 95 °F<sup>3</sup> Integrated Energy Efficiency Ratio @ 80 °F/67 °F Inside - 95 °F



| MODEL        | DIMENSIONS |      |      |
|--------------|------------|------|------|
|              | W"         | D"   | H"   |
| DZ14XA0903A* | 35½        | 35½  | 41½  |
| DZ14XA0904A* | 35½        | 35½  | 41½  |
| DZ14XA1203A* | 35½"       | 35½" | 41½" |
| DZ14XA1204A* | 35½"       | 35½" | 41½" |



Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

**WARNING**

**High Voltage:** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

| ITEM #                   | DESCRIPTION                          |
|--------------------------|--------------------------------------|
| ABK-20                   | Anchor Bracket Kit <sup>°</sup>      |
| FSK04A                   | Freeze Protection Kit                |
| LAKT00HP                 | Low Ambient Kit                      |
| OT18-60-01A <sup>2</sup> | Outdoor Thermostat with Lockout Stat |

<sup>°</sup> Contains 20 brackets; four brackets needed to anchor unit to pad

<sup>1</sup> Installed on indoor coil

<sup>2</sup> Required for heat pump applications where ambient temperatures fall below 0 °F with 50% or higher relative humidity.