

7½ & 10-Ton, Three-Phase  
Split System Heat Pump  
16.4 IEER/ 3.4 COP/R-32



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## R32

### Standard Features

- Two-Stage tandem compressor design with internal pressure release 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 2010 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 | H | 6 | T | E | 090   | 3 | 0  | A  | A  |                               |
|--------------------|---|---|---|---|---|-------|---|----|----|----|-------------------------------|
|                    | 1 | 2 | 3 | 4 | 5 | 6,7,8 | 9 | 10 | 11 | 12 |                               |
| <b>Brand</b>       |   |   |   |   |   |       |   |    |    |    | <b>Minor Rev</b>              |
| D - Daikin         |   |   |   |   |   |       |   |    |    |    | A: Initial Release            |
| <b>Type</b>        |   |   |   |   |   |       |   |    |    |    | <b>Major Revision</b>         |
| C: Condenser R32   |   |   |   |   |   |       |   |    |    |    | A: Initial Release            |
| H: HP R-32         |   |   |   |   |   |       |   |    |    |    |                               |
| <b>IEER</b>        |   |   |   |   |   |       |   |    |    |    | <b>Variation</b>              |
| 6: 16.0 - 16.4     |   |   |   |   |   |       |   |    |    |    |                               |
| <b>Compressor</b>  |   |   |   |   |   |       |   |    |    |    | <b>Electrical</b>             |
| T: Two Stage       |   |   |   |   |   |       |   |    |    |    | 3 - 208/230V Three-Phase 60Hz |
|                    |   |   |   |   |   |       |   |    |    |    | 4 - 460V Three-Phase 60HZ     |
| <b>Feature Set</b> |   |   |   |   |   |       |   |    |    |    | <b>Tonnage Nominal</b>        |
| E - Base           |   |   |   |   |   |       |   |    |    |    | 090 - 7½ tons                 |
|                    |   |   |   |   |   |       |   |    |    |    | 120 - 10 tons                 |

|                                          | DH6TE<br>09030A* | DH6TE<br>09040A* | DH6TE<br>12030A* | DH6TE<br>12040A* |
|------------------------------------------|------------------|------------------|------------------|------------------|
| <b>COOLING CAPACITIES</b>                |                  |                  |                  |                  |
| Nominal Cooling (BTU/h) <sup>1</sup>     | 92,000           | 92,000           | 115,000          | 115,000          |
| Nominal Heating (BTU/h) <sup>1</sup>     | 85,000           | 85,000           | 97,000           | 97,000           |
| EER/IEER                                 | 11.4 / 16.0      | 11.4 / 16.0      | 11.2 / 16.0      | 11.2 / 16.0      |
| Decibels                                 | 83.9             | 83.9             | 85.9             | 85.9             |
| <b>COMPRESSOR (TANDEM)</b>               |                  |                  |                  |                  |
| RLA                                      | 14.1             | 6.4              | 15.4             | 7.7              |
| LRA                                      | 120.4            | 55.1             | 156.4            | 69               |
| <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>    | 110              | 110              | 110              | 110              |
| <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>    | 38.7             | 17.9             | 41.6             | 20.8             |
| Max. Overcurrent Protection <sup>4</sup> | 50               | 20               | 50               | 25               |
| 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>                 | 417              | 417              | 417              | 417              |

<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     |
| <b>2520</b>    | Capacity   | 93,828                      | 95,150 | 97,946  | -       | 92,590 | 94,312 | 97,109 | -       | 90,546 | 91,868 | 94,664 | -       | 86,341 | 87,663        | 90,459 | -      | 81,202 | 82,524 | 85,320 | -      | 76,510 | 77,832 | 80,628 | -      |
|                | S/T        | 0.6                         | 0.5    | 0.4     | -       | 0.6    | 0.5    | 0.4    | -       | 0.6    | 0.6    | 0.4    | -       | 0.7    | 0.6           | 0.4    | -      | 0.7    | 0.6    | 0.5    | -      | 0.7    | 0.7    | 0.5    | -      |
|                | Evap dT    | 19.5                        | 17.7   | 14.3    | -       | 19.5   | 17.6   | 14.2   | -       | 19.7   | 17.9   | 14.5   | -       | 19.4   | 17.6          | 14.2   | -      | 19.2   | 17.4   | 14.0   | -      | 20.3   | 18.5   | 15.1   | -      |
|                | Pr Dis     | 113.5                       | 114.9  | 117.8   | -       | 120.4  | 121.8  | 124.6  | -       | 126.4  | 127.8  | 130.7  | -       | 131.5  | 132.9         | 135.8  | -      | 136.5  | 137.9  | 140.8  | -      | 142.8  | 144.2  | 147.0  | -      |
|                | ODamps     | 273.1                       | 274.3  | 276.2   | -       | 316.1  | 317.3  | 319.2  | -       | 361.2  | 362.4  | 364.3  | -       | 409.7  | 410.9         | 412.8  | -      | 462.1  | 463.2  | 465.2  | -      | 517.9  | 519.1  | 521.0  | -      |
| <b>70 2800</b> | TotalPower | 5,655                       | 5,649  | 5,637   | -       | 6,379  | 6,373  | 6,361  | -       | 7,187  | 7,182  | 7,169  | -       | 8,062  | 8,056         | 8,044  | -      | 9,039  | 9,034  | 9,021  | -      | 10,186 | 10,180 | 10,168 | -      |
|                | Capacity   | 94,829                      | 96,151 | 98,947  | -       | 93,991 | 95,313 | 98,109 | -       | 91,547 | 92,869 | 95,665 | -       | 87,342 | 88,664        | 91,460 | -      | 82,203 | 83,525 | 86,321 | -      | 77,511 | 78,833 | 81,629 | -      |
|                | S/T        | 0.6                         | 0.6    | 0.4     | -       | 0.7    | 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    | 18.6                        | 16.8   | 13.4    | -       | 18.6   | 16.8   | 13.4   | -       | 18.8   | 17.0   | 13.6   | -       | 18.6   | 16.7          | 13.3   | -      | 18.3   | 16.5   | 13.1   | -      | 19.5   | 17.6   | 14.2   | -      |
|                | Pr Dis     | 114.8                       | 116.2  | 119.1   | -       | 121.7  | 123.1  | 126.0  | -       | 127.7  | 129.1  | 132.0  | -       | 132.8  | 134.2         | 137.1  | -      | 137.8  | 139.2  | 142.1  | -      | 144.1  | 145.5  | 148.4  | -      |
| <b>3080</b>    | Pr Dis     | 274.9                       | 276.1  | 278.0   | -       | 318.0  | 319.1  | 321.1  | -       | 363.0  | 364.2  | 366.1  | -       | 411.6  | 412.8         | 414.7  | -      | 463.9  | 465.1  | 467.0  | -      | 519.7  | 520.9  | 522.8  | -      |
|                | ODamps     | 23.4                        | 23.4   | 23.3    | -       | 26.7   | 26.7   | 26.7   | -       | 30.4   | 30.4   | 30.4   | -       | 34.4   | 34.4          | 34.4   | -      | 38.9   | 38.9   | 38.8   | -      | 44.2   | 44.1   | 44.1   | -      |
|                | TotalPower | 5,684                       | 5,679  | 5,666   | -       | 6,408  | 6,403  | 6,390  | -       | 7,217  | 7,211  | 7,199  | -       | 8,091  | 8,086         | 8,073  | -      | 9,069  | 9,063  | 9,051  | -      | 10,215 | 10,209 | 10,197 | -      |
|                | Capacity   | 95,988                      | 97,310 | 100,106 | -       | 95,150 | 96,472 | 99,268 | -       | 92,706 | 94,028 | 96,824 | -       | 88,501 | 89,823        | 92,619 | -      | 83,362 | 84,684 | 87,480 | -      | 78,670 | 79,992 | 82,788 | -      |
|                | S/T        | 0.7                         | 0.6    | 0.5     | -       | 0.7    | 0.6    | 0.5    | -       | 0.7    | 0.6    | 0.5    | -       | 0.7    | 0.7           | 0.5    | -      | 0.7    | 0.7    | 0.5    | -      | 1.0    | 0.7    | 0.6    | -      |
| <b>75 2800</b> | Evap dT    | 17.9                        | 16.1   | 12.7    | -       | 17.8   | 16.0   | 12.6   | -       | 18.1   | 16.3   | 12.9   | -       | 17.8   | 16.0          | 12.6   | -      | 17.6   | 15.8   | 12.3   | -      | 18.7   | 16.9   | 13.5   | -      |
|                | Pr Dis     | 116.3                       | 117.7  | 120.6   | -       | 123.2  | 124.6  | 127.4  | -       | 129.2  | 130.6  | 133.5  | -       | 134.3  | 135.7         | 138.6  | -      | 139.3  | 140.7  | 143.6  | -      | 145.6  | 147.0  | 149.8  | -      |
|                | Pr Dis     | 276.7                       | 277.9  | 279.8   | -       | 319.8  | 320.9  | 322.9  | -       | 364.8  | 366.0  | 367.9  | -       | 413.4  | 414.5         | 416.5  | -      | 465.7  | 466.9  | 468.8  | -      | 521.5  | 522.7  | 524.6  | -      |
|                | ODamps     | 23.5                        | 23.5   | 23.5    | -       | 26.9   | 26.8   | 26.8   | -       | 30.5   | 30.5   | 30.5   | -       | 34.6   | 34.5          | 34.5   | -      | 39.0   | 39.0   | 38.9   | -      | 44.3   | 44.2   | 44.2   | -      |
|                | TotalPower | 5,710                       | 5,704  | 5,692   | -       | 6,434  | 6,428  | 6,416  | -       | 7,242  | 7,236  | 7,224  | -       | 8,117  | 8,111         | 8,099  | -      | 9,094  | 9,088  | 9,076  | -      | 10,241 | 10,235 | 10,223 | -      |
| <b>2520</b>    | Capacity   | 93,883                      | 95,205 | 98,001  | 102,272 | 93,045 | 94,367 | 97,163 | 101,434 | 90,601 | 91,923 | 94,719 | 98,990  | 86,396 | 87,718        | 90,514 | 94,785 | 81,257 | 82,579 | 85,375 | 89,646 | 76,565 | 77,887 | 80,683 | 84,954 |
|                | S/T        | 0.7                         | 0.7    | 0.5     | 0.4     | 0.7    | 0.7    | 0.5    | 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    | 0.8    | 0.6    | 0.5    |
|                | Evap dT    | 23.5                        | 21.7   | 18.3    | 14.8    | 23.5   | 21.6   | 18.2   | 14.7    | 23.7   | 21.9   | 18.5   | 15.0    | 23.5   | 21.6          | 18.2   | 14.7   | 23.2   | 21.4   | 18.0   | 14.4   | 24.4   | 22.5   | 19.1   | 15.6   |
|                | Pr Dis     | 113.5                       | 114.9  | 117.8   | 122.6   | 120.4  | 121.8  | 124.7  | 129.5   | 126.4  | 127.8  | 130.7  | 135.5   | 131.5  | 132.9         | 135.8  | 140.6  | 136.5  | 137.9  | 140.8  | 145.6  | 142.8  | 144.2  | 147.1  | 151.9  |
|                | ODamps     | 273.3                       | 274.5  | 276.4   | 281.2   | 316.4  | 317.6  | 319.5  | 324.2   | 361.4  | 362.6  | 364.5  | 369.3   | 410.0  | 411.2         | 413.1  | 417.8  | 462.3  | 463.5  | 465.4  | 470.1  | 518.1  | 519.3  | 521.2  | 526.0  |
| <b>75 2800</b> | TotalPower | 5,650                       | 5,644  | 5,632   | 5,687   | 6,374  | 6,369  | 6,356  | 6,412   | 7,182  | 7,177  | 7,164  | 7,220   | 8,057  | 8,052         | 8,039  | 8,095  | 9,034  | 9,029  | 9,016  | 9,072  | 10,181 | 10,175 | 10,163 | 10,218 |
|                | Capacity   | 94,884                      | 96,206 | 99,002  | 103,273 | 94,046 | 95,368 | 98,164 | 102,435 | 91,602 | 92,924 | 95,720 | 99,991  | 87,396 | <b>88,719</b> | 91,515 | 95,786 | 82,257 | 83,579 | 86,375 | 90,646 | 77,566 | 78,888 | 81,684 | 85,955 |
|                | 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     | 0.8    | <b>0.8</b>    | 0.6    | 0.5    | 1.0    | 0.8    | 0.6    | 0.5    | 1.0    | 0.8    | 0.7    | 0.6    |
|                | Evap dT    | 22.7                        | 20.8   | 17.4    | 13.9    | 22.6   | 20.8   | 17.4   | 13.8    | 22.9   | 21.0   | 17.6   | 14.1    | 22.6   | <b>20.8</b>   | 17.4   | 13.8   | 22.3   | 20.5   | 17.1   | 13.6   | 23.5   | 21.7   | 18.3   | 14.7   |
|                | Pr Dis     | 114.9                       | 116.2  | 119.1   | 123.9   | 121.7  | 123.1  | 126.0  | 130.8   | 127.8  | 129.2  | 132.0  | 136.9   | 132.9  | <b>134.3</b>  | 137.1  | 142.0  | 137.9  | 139.3  | 142.1  | 147.0  | 144.1  | 145.5  | 148.4  | 153.2  |
| <b>3080</b>    | Pr Dis     | 275.2                       | 276.4  | 278.3   | 283.0   | 318.2  | 319.4  | 321.3  | 326.1   | 363.3  | 364.5  | 366.4  | 371.1   | 411.8  | <b>413.0</b>  | 414.9  | 419.7  | 464.1  | 465.3  | 467.2  | 472.0  | 520.0  | 521.2  | 523.1  | 527.8  |
|                | ODamps     | 23.4                        | 23.4   | 23.3    | 23.6    | 26.7   | 26.7   | 26.6   | 26.9    | 30.4   | 30.4   | 30.3   | 30.6    | 34.4   | <b>34.4</b>   | 34.3   | 34.6   | 38.9   | 38.9   | 38.8   | 39.1   | 44.1   | 44.1   | 44.1   | 44.3   |
|                | TotalPower | 5,680                       | 5,674  | 5,661   | 5,717   | 6,404  | 6,398  | 6,386  | 6,441   | 7,212  | 7,206  | 7,194  | 7,249   | 8,087  | <b>8,081</b>  | 8,069  | 8,124  | 9,064  | 9,058  | 9,046  | 9,101  | 10,210 | 10,205 | 10,192 | 10,248 |
|                | Capacity   | 96,043                      | 97,365 | 100,161 | 104,432 | 95,205 | 96,527 | 99,323 | 103,594 | 92,761 | 94,083 | 96,879 | 101,150 | 88,556 | 89,878        | 92,674 | 96,945 | 83,416 | 84,738 | 87,535 | 91,806 | 78,725 | 80,047 | 82,843 | 87,114 |
|                | S/T        | 0.8                         | 0.7    | 0.6     | 0.5     | 0.8    | 0.7    | 0.6    | 0.5     | 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    | 0.9    | 0.7    | 0.6    |
| <b>70 2800</b> | Evap dT    | 21.9                        | 20.1   | 16.7    | 13.1    | 21.9   | 20.0   | 16.6   | 13.1    | 22.1   | 20.3   | 16.9   | 13.3    | 21.8   | 20.0          | 16.6   | 13.1   | 21.6   | 19.8   | 16.4   | 12.8   | 22.7   | 20.9   | 17.5   | 14.0   |
|                | Pr Dis     | 116.3                       | 117.7  | 120.6   | 125.4   | 123.2  | 124.6  | 127.5  | 132.3   | 129.2  | 130.6  | 133.5  | 138.3   | 134.3  | 135.7         | 138.6  | 143.4  | 139.3  | 140.7  | 143.6  | 148.4  | 145.6  | 147.0  | 149.9  | 154.7  |
|                | Pr Dis     | 277.0                       | 278.2  | 280.1   | 284.8   | 320.0  | 321.2  | 323.1  | 327.9   | 365.1  | 366.3  | 368.2  | 372.9   | 413.6  | 414.8         | 416.7  | 421.5  | 465.9  | 467.1  | 469.0  | 473.8  | 521.8  | 523.0  | 524.9  | 529.6  |
|                | ODamps     | 23.5                        | 23.5   | 23.4    | 23.7    | 26.8   | 26.8   | 26.7   | 27.0    | 30.5   | 30.5   | 30.4   | 30.7    | 34.5   | 34.5          | 34.4   | 34.7   | 39.0   | 39.0   | 38.9   | 39.2   | 44.3   | 44.2   | 44.2   | 44.4   |
|                | TotalPower | 5,705                       | 5,699  | 5,687   | 5,742   | 6,429  | 6,423  | 6,411  | 6,466   | 7,237  | 7,232  | 7,219  | 7,275   | 8,112  | 8,106         | 8,094  | 8,149  | 9,089  | 9,084  | 9,071  | 9,127  | 10,236 | 10,230 | 10,218 | 10,273 |

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

Shaded area reflects ACCA (TVA) conditions

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

|      |            | 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     |
| 2520 | Capacity   | 94,368                      | 95,690 | 98,486  | 102,757 | 93,530 | 94,852 | 97,648  | 101,919 | 91,086 | 92,408 | 95,204 | 99,475  | 86,881 | 88,203 | 90,999 | 95,270 | 81,741 | 83,064 | 85,860 | 90,131 | 77,050 | 78,372 | 81,168 | 85,439 |
|      | S/T        | 0.9                         | 0.8    | 0.6     | 0.5     | 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    | 0.8    | 0.6    |
|      | Evap dT    | 27.6                        | 25.7   | 22.3    | 18.8    | 27.5   | 25.7   | 22.3    | 18.7    | 27.8   | 25.9   | 22.5   | 19.0    | 27.5   | 25.7   | 22.3   | 18.7   | 27.3   | 25.4   | 22.0   | 18.5   | 28.4   | 26.6   | 23.2   | 19.6   |
|      | Pr Suc     | 114.0                       | 115.4  | 118.3   | 123.1   | 120.9  | 122.3  | 125.2   | 130.0   | 126.9  | 128.3  | 131.2  | 136.0   | 132.0  | 133.4  | 136.3  | 141.1  | 137.0  | 138.4  | 141.3  | 146.1  | 143.3  | 144.7  | 147.6  | 152.4  |
|      | Pr Dis     | 273.8                       | 275.0  | 276.9   | 281.7   | 316.9  | 318.1  | 320.0   | 324.7   | 361.9  | 363.1  | 365.0  | 369.8   | 410.5  | 411.7  | 413.6  | 418.3  | 462.8  | 464.0  | 465.9  | 470.6  | 518.6  | 519.8  | 521.7  | 526.5  |
| 80   | ODamps     | 23.3                        | 23.3   | 23.2    | 23.5    | 26.6   | 26.6   | 26.5    | 26.8    | 30.3   | 30.3   | 30.2   | 30.5    | 34.3   | 34.3   | 34.2   | 34.5   | 38.8   | 38.7   | 38.7   | 38.9   | 44.0   | 44.0   | 43.9   | 44.2   |
|      | TotalPower | 5,654                       | 5,648  | 5,636   | 5,691   | 6,378  | 6,372  | 6,360   | 6,415   | 7,186  | 7,181  | 7,168  | 7,224   | 8,061  | 8,055  | 8,043  | 8,098  | 9,038  | 9,033  | 9,020  | 9,076  | 10,185 | 10,179 | 10,167 | 10,222 |
|      | Capacity   | 95,368                      | 96,690 | 99,487  | 103,758 | 94,531 | 95,853 | 98,649  | 102,920 | 92,086 | 93,408 | 96,205 | 100,476 | 87,881 | 89,203 | 91,999 | 96,270 | 82,742 | 84,064 | 86,860 | 91,131 | 78,051 | 79,373 | 82,169 | 86,440 |
|      | S/T        | 0.9                         | 0.8    | 0.7     | 0.6     | 0.9    | 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    | 26.7                        | 24.9   | 21.5    | 17.9    | 26.7   | 24.8   | 21.4    | 17.9    | 26.9   | 25.1   | 21.7   | 18.1    | 26.6   | 24.8   | 21.4   | 17.9   | 26.4   | 24.6   | 21.2   | 17.6   | 27.5   | 25.7   | 22.3   | 18.8   |
| 3080 | Pr Suc     | 115.4                       | 116.7  | 119.6   | 124.4   | 122.2  | 123.6  | 126.5   | 131.3   | 128.3  | 129.7  | 132.5  | 137.4   | 133.4  | 134.8  | 137.6  | 142.5  | 138.4  | 139.8  | 142.6  | 147.5  | 144.6  | 146.0  | 148.9  | 153.7  |
|      | Pr Dis     | 275.7                       | 276.9  | 278.8   | 283.5   | 318.7  | 319.9  | 321.8   | 326.6   | 363.8  | 365.0  | 366.9  | 371.6   | 412.3  | 413.5  | 415.4  | 420.2  | 464.6  | 465.8  | 467.7  | 472.5  | 520.5  | 521.7  | 523.6  | 528.3  |
|      | ODamps     | 23.4                        | 23.4   | 23.3    | 23.6    | 26.7   | 26.7   | 26.6    | 26.9    | 30.4   | 30.4   | 30.3   | 30.6    | 34.4   | 34.4   | 34.3   | 34.6   | 38.9   | 38.9   | 38.8   | 39.1   | 44.2   | 44.1   | 44.1   | 44.3   |
|      | TotalPower | 5,683                       | 5,678  | 5,665   | 5,721   | 6,407  | 6,402  | 6,389   | 6,445   | 7,216  | 7,210  | 7,198  | 7,253   | 8,090  | 8,085  | 8,072  | 8,128  | 9,068  | 9,062  | 9,050  | 9,105  | 10,214 | 10,209 | 10,196 | 10,252 |
|      | Capacity   | 96,528                      | 97,850 | 100,646 | 104,917 | 95,690 | 97,012 | 99,808  | 104,079 | 93,246 | 94,568 | 97,364 | 101,635 | 89,040 | 90,363 | 93,159 | 97,430 | 83,901 | 85,223 | 88,019 | 92,290 | 79,210 | 80,532 | 83,328 | 87,599 |
| 3080 | S/T        | 0.9                         | 0.9    | 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    | 0.9    | 0.8    | 0.7    | 1.0    | 1.0    | 0.8    | 0.7    |
|      | Evap dT    | 25.9                        | 24.1   | 20.7    | 17.2    | 25.9   | 24.1   | 20.7    | 17.1    | 26.2   | 24.3   | 20.9   | 17.4    | 25.9   | 24.1   | 20.6   | 17.1   | 25.6   | 23.8   | 20.4   | 16.9   | 26.8   | 25.0   | 21.5   | 18.0   |
|      | Pr Suc     | 116.8                       | 118.2  | 121.1   | 125.9   | 123.7  | 125.1  | 128.0   | 132.8   | 129.7  | 131.1  | 134.0  | 138.8   | 134.8  | 136.2  | 139.1  | 143.9  | 139.8  | 141.2  | 144.1  | 148.9  | 146.1  | 147.5  | 150.4  | 155.2  |
|      | Pr Dis     | 277.5                       | 278.7  | 280.6   | 285.3   | 320.5  | 321.7  | 323.6   | 328.4   | 365.6  | 366.8  | 368.7  | 373.4   | 414.1  | 415.3  | 417.2  | 422.0  | 466.4  | 467.6  | 469.5  | 474.3  | 522.3  | 523.5  | 525.4  | 530.1  |
|      | ODamps     | 23.5                        | 23.5   | 23.4    | 23.7    | 26.8   | 26.8   | 26.8    | 27.0    | 30.5   | 30.5   | 30.5   | 30.7    | 34.5   | 34.5   | 34.5   | 34.7   | 39.0   | 39.0   | 38.9   | 39.2   | 44.3   | 44.2   | 44.2   | 44.4   |
| 85   | TotalPower | 5,709                       | 5,703  | 5,691   | 5,746   | 6,433  | 6,427  | 6,415   | 6,470   | 7,241  | 7,236  | 7,223  | 7,279   | 8,116  | 8,110  | 8,098  | 8,153  | 9,093  | 9,088  | 9,075  | 9,131  | 10,240 | 10,234 | 10,222 | 10,277 |
|      | Capacity   | 95,945                      | 97,267 | 100,063 | 104,334 | 95,107 | 96,429 | 99,225  | 103,496 | 92,663 | 93,985 | 96,781 | 101,052 | 88,458 | 89,780 | 92,576 | 96,847 | 83,319 | 84,641 | 87,437 | 91,708 | 78,627 | 79,949 | 82,745 | 87,016 |
|      | S/T        | 1.0                         | 0.9    | 0.7     | 0.6     | 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    | 0.9    | 0.7    |
|      | Evap dT    | 31.1                        | 29.3   | 25.9    | 22.4    | 31.1   | 29.3   | 25.9    | 22.3    | 31.4   | 29.5   | 26.1   | 22.6    | 31.1   | 29.3   | 25.8   | 22.3   | 30.8   | 29.0   | 25.6   | 22.1   | 32.0   | 30.2   | 26.7   | 23.2   |
|      | Pr Suc     | 115.7                       | 117.1  | 120.0   | 124.8   | 122.6  | 124.0  | 126.9   | 131.7   | 128.6  | 130.0  | 132.9  | 137.7   | 133.7  | 135.1  | 138.0  | 142.8  | 138.7  | 140.1  | 143.0  | 147.8  | 145.0  | 146.4  | 149.3  | 154.1  |
| 2520 | Pr Dis     | 275.1                       | 276.3  | 278.2   | 283.0   | 318.2  | 319.3  | 321.3   | 326.0   | 363.2  | 364.4  | 366.3  | 371.1   | 411.8  | 412.9  | 414.9  | 419.6  | 464.1  | 465.3  | 467.2  | 471.9  | 519.9  | 521.1  | 523.0  | 527.8  |
|      | ODamps     | 23.3                        | 23.3   | 23.3    | 23.5    | 26.7   | 26.6   | 26.6    | 26.8    | 30.4   | 30.3   | 30.3   | 30.5    | 34.4   | 34.3   | 34.3   | 34.5   | 38.8   | 38.8   | 38.8   | 39.0   | 44.1   | 44.1   | 44.0   | 44.3   |
|      | TotalPower | 5,668                       | 5,662  | 5,650   | 5,705   | 6,392  | 6,386  | 6,374   | 6,429   | 7,200  | 7,194  | 7,182  | 7,237   | 8,075  | 8,069  | 8,057  | 8,112  | 9,052  | 9,046  | 9,034  | 9,089  | 10,199 | 10,193 | 10,181 | 10,236 |
|      | Capacity   | 96,946                      | 98,268 | 101,064 | 105,335 | 96,108 | 97,430 | 100,226 | 104,497 | 93,664 | 94,986 | 97,782 | 102,053 | 89,458 | 90,781 | 93,577 | 97,848 | 84,319 | 85,641 | 88,437 | 92,708 | 79,628 | 80,950 | 83,746 | 88,017 |
|      | 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    |
| 2800 | Evap dT    | 30.3                        | 28.5   | 25.0    | 21.5    | 30.2   | 28.4   | 25.0    | 21.5    | 30.5   | 28.7   | 25.3   | 21.7    | 30.2   | 28.4   | 25.0   | 21.4   | 30.0   | 28.1   | 24.7   | 21.2   | 31.1   | 29.3   | 25.9   | 22.3   |
|      | Pr Suc     | 117.0                       | 118.4  | 121.3   | 126.1   | 123.9  | 125.3  | 128.2   | 133.0   | 130.0  | 131.4  | 134.2  | 139.1   | 135.1  | 136.5  | 139.3  | 144.2  | 140.1  | 141.5  | 144.3  | 149.2  | 146.3  | 147.7  | 150.6  | 155.4  |
|      | Pr Dis     | 277.0                       | 278.2  | 280.1   | 284.8   | 320.0  | 321.2  | 323.1   | 327.8   | 365.1  | 366.2  | 368.2  | 372.9   | 413.6  | 414.8  | 416.7  | 421.4  | 465.9  | 467.1  | 469.0  | 473.8  | 521.8  | 522.9  | 524.9  | 529.6  |
|      | ODamps     | 23.5                        | 23.5   | 23.4    | 23.6    | 26.8   | 26.8   | 26.7    | 27.0    | 30.5   | 30.5   | 30.4   | 30.7    | 34.5   | 34.5   | 34.4   | 34.7   | 39.0   | 38.9   | 38.9   | 39.1   | 44.2   | 44.2   | 44.1   | 44.4   |
|      | TotalPower | 5,697                       | 5,691  | 5,679   | 5,734   | 6,421  | 6,416  | 6,403   | 6,459   | 7,230  | 7,224  | 7,211  | 7,267   | 8,104  | 8,099  | 8,086  | 8,142  | 9,082  | 9,076  | 9,063  | 9,119  | 10,228 | 10,222 | 10,210 | 10,265 |
| 3080 | Capacity   | 98,105                      | 99,427 | 102,223 | 106,494 | 97,267 | 98,589 | 101,385 | 105,656 | 94,823 | 96,145 | 98,941 | 103,212 | 90,618 | 91,940 | 94,736 | 99,007 | 85,478 | 86,800 | 89,597 | 93,868 | 80,787 | 82,109 | 84,905 | 89,176 |
|      | S/T        | 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    | 0.7    | 1.0    | 1.0    | 0.9    | 0.8    |
|      | Evap dT    | 29.5                        | 27.7   | 24.3    | 20.8    | 29.5   | 27.7   | 24.2    | 20.7    | 29.7   | 27.9   | 24.5   | 21.0    | 29.5   | 27.6   | 24.2   | 20.7   | 29.2   | 27.4   | 24.0   | 20.5   | 30.4   | 28.5   | 25.1   | 21.6   |
|      | Pr Suc     | 118.5                       | 119.9  | 122.8   | 127.6   | 125.4  | 126.8  | 129.7   | 134.5   | 131.4  | 132.8  | 135.7  | 140.5   | 136.5  | 137.9  | 140.8  | 145.6  | 141.5  | 142.9  | 145.8  | 150.6  | 147.8  | 149.2  | 152.1  | 156.9  |
|      | Pr Dis     | 278.8                       | 280.0  | 281.9   | 286.6   | 321.8  | 323.0  | 324.9   | 329.6   | 366.9  | 368.0  | 370.0  | 374.7   | 415.4  | 416.6  | 418.5  | 423.2  | 467.7  | 468.9  | 470.8  | 475.6  | 523.6  | 524.7  | 526.7  | 531.4  |
| 3080 | ODamps     | 23.6                        | 23.6   | 23.5    | 23.8    | 26.9   | 26.9   | 26.8    | 27.1    | 30.6   | 30.6   | 30.5   | 30.8    | 34.6   | 34.6   | 34.5   | 34.8   | 39.1   | 39.1   | 39.0   | 39.3   | 44.3   | 44.3   | 44.2   | 44.5   |
|      | TotalPower | 5,723                       | 5,717  | 5,705   | 5,760   | 6,447  | 6,441  | 6,429   | 6,484   | 7,255  | 7,249  | 7,237  | 7,292   | 8,130  | 8,124  | 8,112  | 8,167  | 9,107  | 9,101  | 9,089  | 9,144  | 10,254 | 10,248 | 10,236 | 10,291 |

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      |
| <b>3407</b>    | Capacity    | 117,285                     | 118,938 | 122,433 | -       | 116,238 | 117,891 | 121,386 | -       | 113,183 | 114,835        | 118,331 | -       | 107,927 | 109,579        | 113,074 | -       | 101,503 | 103,155 | 106,650 | -       | 95,638 | 97,291  | 100,786 | -       |
|                | S/T         | 0.6                         | 0.6     | 0.4     | -       | 0.6     | 0.6     | 0.4     | -       | 0.7     | 0.6            | 0.4     | -       | 0.7     | 0.6            | 0.5     | -       | 1.0     | 0.6     | 0.5     | -       | 1.0    | 0.7     | 0.5     | -       |
|                | Evap dT     | 19.0                        | 17.2    | 13.9    | -       | 18.9    | 17.1    | 13.8    | -       | 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      | 120.3                       | 121.7   | 124.8   | -       | 127.6   | 129.0   | 132.1   | -       | 133.9   | 135.4          | 138.9   | -       | 139.4   | 140.8          | 143.9   | -       | 144.7   | 146.1   | 149.2   | -       | 151.3  | 152.8   | 155.8   | -       |
|                | Pr Dis      | 292.1                       | 293.4   | 295.4   | -       | 338.1   | 339.4   | 341.4   | -       | 386.3   | 387.6          | 389.6   | -       | 438.2   | 439.5          | 441.5   | -       | 494.2   | 495.5   | 497.5   | -       | 553.9  | 555.2   | 557.2   | -       |
|                | OD Amps     | 27.9                        | 27.9    | 27.8    | -       | 32.0    | 32.0    | 31.9    | -       | 36.6    | 36.5           | 36.5    | -       | 41.5    | 41.5           | 41.4    | -       | 47.0    | 47.0    | 46.9    | -       | 53.4   | 53.4    | 53.3    | -       |
| <b>70 3785</b> | Total Power | 7,185                       | 7,178   | 7,163   | -       | 8,076   | 8,069   | 8,054   | -       | 9,070   | 9,063          | 9,048   | -       | 10,146  | 10,139         | 10,123  | -       | 11,347  | 11,340  | 11,325  | -       | 12,758 | 12,750  | 12,735  | -       |
|                | Capacity    | 118,536                     | 120,189 | 123,684 | -       | 117,489 | 119,141 | 122,637 | -       | 114,434 | 116,086        | 119,581 | -       | 109,177 | 110,830        | 114,325 | -       | 102,753 | 104,406 | 107,901 | -       | 96,889 | 98,541  | 102,037 | -       |
|                | 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     | 18.1                        | 16.3    | 13.0    | -       | 18.1    | 16.3    | 13.0    | -       | 18.3    | 16.5           | 13.2    | -       | 18.1    | 16.3           | 13.0    | -       | 17.8    | 16.0    | 12.7    | -       | 18.9   | 17.2    | 13.8    | -       |
|                | Pr Suc      | 121.7                       | 123.2   | 126.2   | -       | 129.0   | 130.5   | 133.5   | -       | 135.4   | 136.9          | 139.9   | -       | 140.8   | 142.3          | 145.3   | -       | 146.1   | 147.6   | 150.6   | -       | 152.7  | 154.2   | 157.2   | -       |
|                | Pr Dis      | 294.1                       | 295.3   | 297.4   | -       | 340.1   | 341.3   | 343.4   | -       | 388.3   | 389.6          | 391.6   | -       | 440.2   | 441.5          | 443.5   | -       | 496.2   | 497.4   | 499.5   | -       | 555.9  | 557.1   | 559.2   | -       |
| <b>4164</b>    | OD Amps     | 28.1                        | 28.1    | 28.0    | -       | 32.2    | 32.2    | 32.1    | -       | 36.7    | 36.7           | 36.6    | -       | 41.7    | 41.6           | 41.6    | -       | 47.2    | 47.1    | 47.1    | -       | 53.6   | 53.6    | 53.5    | -       |
|                | Total Power | 7,221                       | 7,214   | 7,199   | -       | 8,112   | 8,105   | 8,090   | -       | 9,106   | 9,099          | 9,084   | -       | 10,182  | 10,175         | 10,159  | -       | 11,384  | 11,377  | 11,361  | -       | 12,794 | 12,787  | 12,771  | -       |
|                | Capacity    | 119,985                     | 121,638 | 125,133 | -       | 118,938 | 120,590 | 124,085 | -       | 115,883 | 117,535        | 121,030 | -       | 110,626 | 112,279        | 115,774 | -       | 104,202 | 105,855 | 109,350 | -       | 98,338 | 99,990  | 103,485 | -       |
|                | S/T         | 0.7                         | 0.6     | 0.5     | -       | 0.7     | 0.6     | 0.5     | -       | 0.7     | 0.7            | 0.5     | -       | 0.8     | 0.7            | 0.5     | -       | 1.0     | 0.7     | 0.6     | -       | 1.0    | 0.8     | 0.6     | -       |
|                | Evap dT     | 17.4                        | 15.6    | 12.3    | -       | 17.3    | 15.6    | 12.2    | -       | 17.6    | 15.8           | 12.5    | -       | 17.3    | 15.5           | 12.2    | -       | 17.1    | 15.3    | 12.0    | -       | 18.2   | 16.4    | 13.1    | -       |
|                | Pr Suc      | 123.2                       | 124.7   | 127.8   | -       | 130.5   | 132.0   | 135.1   | -       | 136.9   | 138.4          | 141.4   | -       | 142.3   | 143.8          | 146.9   | -       | 147.6   | 149.1   | 152.2   | -       | 154.3  | 155.7   | 158.8   | -       |
| <b>75 3785</b> | Pr Dis      | 296.0                       | 297.3   | 299.3   | -       | 342.0   | 343.3   | 345.3   | -       | 390.2   | 391.5          | 393.5   | -       | 442.1   | 443.4          | 445.4   | -       | 498.1   | 499.3   | 501.4   | -       | 557.8  | 559.1   | 561.1   | -       |
|                | OD Amps     | 28.3                        | 28.2    | 28.2    | -       | 32.3    | 32.3    | 32.2    | -       | 36.9    | 36.8           | 36.8    | -       | 41.8    | 41.8           | 41.7    | -       | 47.3    | 47.3    | 47.2    | -       | 53.8   | 53.7    | 53.7    | -       |
|                | Total Power | 7,253                       | 7,246   | 7,231   | -       | 8,143   | 8,136   | 8,121   | -       | 9,137   | 9,130          | 9,115   | -       | 10,213  | 10,206         | 10,191  | -       | 11,415  | 11,408  | 11,393  | -       | 12,825 | 12,818  | 12,803  | -       |
|                | Capacity    | 117,354                     | 119,006 | 122,501 | 127,840 | 116,306 | 117,959 | 121,454 | 126,793 | 113,251 | 114,904        | 118,399 | 123,737 | 107,995 | 109,647        | 113,142 | 118,481 | 101,571 | 103,223 | 106,718 | 112,057 | 95,706 | 97,359  | 100,854 | 106,193 |
|                | S/T         | 0.8                         | 0.7     | 0.5     | 0.4     | 0.8     | 0.7     | 0.6     | 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     | 1.0    | 0.8     | 0.7     | 0.5     |
|                | Evap dT     | 22.9                        | 21.1    | 17.8    | 14.3    | 22.8    | 21.0    | 17.7    | 14.3    | 23.1    | 21.3           | 18.0    | 14.5    | 22.8    | 21.0           | 17.7    | 14.3    | 22.6    | 20.8    | 17.5    | 14.0    | 23.7   | 21.9    | 18.6    | 15.1    |
| <b>3407</b>    | Pr Suc      | 120.3                       | 121.8   | 124.8   | 129.9   | 127.6   | 129.1   | 132.1   | 137.2   | 134.0   | 135.5          | 138.5   | 143.6   | 139.4   | 140.9          | 143.9   | 149.0   | 144.7   | 146.2   | 149.2   | 154.3   | 151.3  | 152.8   | 155.9   | 161.0   |
|                | Pr Dis      | 292.4                       | 293.6   | 295.7   | 300.8   | 338.4   | 339.6   | 341.7   | 346.8   | 386.6   | 387.8          | 389.9   | 395.0   | 438.5   | 439.8          | 441.8   | 446.9   | 494.4   | 495.7   | 497.8   | 502.8   | 554.2  | 555.4   | 557.5   | 562.6   |
|                | OD Amps     | 27.9                        | 27.9    | 27.8    | 28.1    | 32.0    | 32.0    | 31.9    | 32.2    | 36.5    | 36.5           | 36.4    | 36.8    | 41.5    | 41.4           | 41.4    | 41.7    | 47.0    | 46.9    | 46.9    | 47.2    | 53.4   | 53.4    | 53.3    | 53.6    |
|                | Total Power | 7,179                       | 7,172   | 7,157   | 7,225   | 8,070   | 8,063   | 8,048   | 8,116   | 9,064   | 9,057          | 9,042   | 9,110   | 10,140  | 10,133         | 10,118  | 10,186  | 11,342  | 11,335  | 11,319  | 11,388  | 12,752 | 12,745  | 12,729  | 12,798  |
|                | Capacity    | 118,604                     | 120,257 | 123,752 | 129,091 | 117,557 | 119,210 | 122,705 | 128,043 | 114,502 | 116,154        | 119,650 | 124,988 | 109,246 | <b>110,898</b> | 114,393 | 119,732 | 102,822 | 104,474 | 107,969 | 113,308 | 96,957 | 98,610  | 102,105 | 107,443 |
|                | S/T         | 0.8                         | 0.7     | 0.6     | 0.4     | 0.8     | 0.7     | 0.6     | 0.5     | 1.0     | 0.8            | 0.6     | 0.5     | 1.0     | <b>0.8</b>     | 0.6     | 0.5     | 1.0     | 0.8     | 0.7     | 0.5     | 1.0    | 0.9     | 0.7     | 0.6     |
| <b>75 3785</b> | Evap dT     | 22.0                        | 20.2    | 16.9    | 13.5    | 22.0    | 20.2    | 16.9    | 13.4    | 22.2    | 20.4           | 17.1    | 13.7    | 22.0    | <b>20.2</b>    | 16.9    | 13.4    | 21.7    | 19.9    | 16.6    | 13.2    | 22.8   | 21.1    | 17.7    | 14.3    |
|                | Pr Suc      | 121.7                       | 123.2   | 126.2   | 131.4   | 129.0   | 130.5   | 133.5   | 138.7   | 135.4   | 136.9          | 139.9   | 145.0   | 140.8   | <b>142.3</b>   | 145.3   | 150.4   | 146.1   | 147.6   | 150.6   | 155.7   | 152.7  | 154.2   | 157.3   | 162.4   |
|                | Pr Dis      | 294.3                       | 295.6   | 297.6   | 302.7   | 340.3   | 341.6   | 343.7   | 348.7   | 388.5   | 389.8          | 391.9   | 396.9   | 440.5   | <b>441.7</b>   | 443.8   | 448.9   | 496.4   | 497.7   | 499.7   | 504.8   | 556.1  | 557.4   | 559.5   | 564.5   |
|                | OD Amps     | 28.1                        | 28.1    | 28.0    | 28.3    | 32.2    | 32.1    | 32.1    | 32.4    | 36.7    | 36.7           | 36.6    | 36.9    | 41.6    | <b>41.6</b>    | 41.5    | 41.8    | 47.1    | 47.1    | 47.0    | 47.3    | 53.6   | 53.6    | 53.5    | 53.8    |
|                | Total Power | 7,216                       | 7,209   | 7,193   | 7,262   | 8,106   | 8,099   | 8,084   | 8,152   | 9,100   | 9,093          | 9,078   | 9,146   | 10,176  | <b>10,169</b>  | 10,154  | 10,222  | 11,378  | 11,371  | 11,356  | 11,424  | 12,788 | 12,781  | 12,766  | 12,834  |
|                | Capacity    | 120,053                     | 121,706 | 125,201 | 130,540 | 119,006 | 120,659 | 124,154 | 129,492 | 115,951 | 117,603        | 121,098 | 126,437 | 110,695 | <b>112,347</b> | 115,842 | 121,181 | 104,271 | 105,923 | 109,418 | 114,757 | 98,406 | 100,058 | 103,554 | 108,892 |
| <b>4164</b>    | 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      | 123.3                       | 124.7   | 127.8   | 132.9   | 130.6   | 132.0   | 135.1   | 140.2   | 136.9   | 138.4          | 141.5   | 146.6   | 142.3   | 143.8          | 146.9   | 152.0   | 147.6   | 149.1   | 152.2   | 157.3   | 154.3  | 155.8   | 158.8   | 163.9   |
|                | Pr Dis      | 296.3                       | 297.5   | 299.6   | 304.6   | 342.3   | 343.5   | 345.6   | 350.7   | 390.5   | 391.7          | 393.8   | 398.9   | 442.4   | 443.6          | 445.7   | 450.8   | 498.3   | 499.6   | 501.7   | 506.7   | 558.1  | 559.3   | 561.4   | 566.5   |
|                | OD Amps     | 28.2                        | 28.2    | 28.1    | 28.4    | 32.3    | 32.3    | 32.2    | 32.5    | 36.9    | 36.8           | 36.8    | 37.1    | 41.8    | 41.7           | 41.7    | 42.0    | 47.3    | 47.2    | 47.2    | 47.5    | 53.7   | 53.7    | 53.6    | 53.9    |
|                | Total Power | 7,247                       | 7,240   | 7,225   | 7,293   | 8,138   | 8,131   | 8,115   | 8,183   | 9,132   | 9,125          | 9,109   | 9,177   | 10,207  | 10,200         | 10,185  | 10,253  | 11,409  | 11,402  | 11,387  | 11,455  | 12,819 | 12,812  | 12,797  | 12,865  |
|                | Capacity    | 117,557                     | 119,210 | 122,705 | 128,043 | 114,502 | 116,154 | 119,650 | 124,988 | 109,246 | <b>110,898</b> | 114,393 | 119,732 | 102,822 | 104,474        | 107,969 | 113,308 | 96,957  | 98,610  | 102,105 | 107,443 | 12,752 | 12,745  | 12,729  | 12,798  |

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

Shaded area reflects ACCA (TVA) conditions

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

|                |            | 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>3407</b>    | Capacity   | 117,960                     | 119,612 | 123,107 | 128,446 | 116,912 | 118,565 | 122,060 | 127,399 | 113,857 | 115,510 | 119,005 | 124,344 | 108,601 | 110,253 | 113,748 | 119,087 | 102,177 | 103,829 | 107,324 | 112,663 | 96,312  | 97,965  | 101,460 | 106,799 |
|                | 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     | 0.9     | 0.7     | 0.6     | 1.0     | 1.0     | 0.7     | 0.6     | 1.0     | 1.0     | 0.8     | 0.7     |
|                | Evap dT    | 26.8                        | 25.0    | 21.7    | 18.3    | 26.7    | 25.0    | 21.7    | 18.2    | 27.0    | 25.2    | 21.9    | 18.5    | 26.7    | 24.9    | 21.6    | 18.2    | 26.5    | 24.7    | 21.4    | 18.0    | 27.6    | 25.8    | 22.5    | 19.1    |
|                | Pr Suc     | 120.8                       | 122.3   | 125.4   | 130.5   | 128.1   | 129.6   | 132.7   | 137.8   | 134.5   | 136.0   | 139.0   | 144.1   | 139.9   | 141.4   | 144.4   | 149.6   | 145.2   | 146.7   | 149.7   | 154.9   | 151.9   | 153.3   | 156.4   | 161.5   |
|                | Pr Dis     | 292.9                       | 294.2   | 296.2   | 301.3   | 338.9   | 340.2   | 342.2   | 347.3   | 387.1   | 388.4   | 390.4   | 395.5   | 439.0   | 440.3   | 442.3   | 447.4   | 495.0   | 496.3   | 498.3   | 503.4   | 554.7   | 556.0   | 558.0   | 563.1   |
|                | ODamps     | 27.9                        | 27.9    | 27.8    | 28.2    | 32.0    | 32.0    | 31.9    | 32.2    | 36.6    | 36.5    | 36.5    | 36.8    | 41.5    | 41.5    | 41.4    | 41.7    | 47.0    | 47.0    | 46.9    | 47.2    | 53.4    | 53.4    | 53.3    | 53.7    |
| <b>80 3785</b> | TotalPower | 7,184                       | 7,177   | 7,162   | 7,230   | 8,075   | 8,068   | 8,052   | 8,121   | 9,069   | 9,062   | 9,046   | 9,115   | 10,144  | 10,137  | 10,122  | 10,190  | 11,346  | 11,339  | 11,324  | 11,392  | 12,756  | 12,749  | 12,734  | 12,802  |
|                | Capacity   | 119,211                     | 120,863 | 124,358 | 129,697 | 118,163 | 119,816 | 123,311 | 128,650 | 115,108 | 116,761 | 120,256 | 125,594 | 109,852 | 111,504 | 114,999 | 120,338 | 103,428 | 105,080 | 108,575 | 113,914 | 97,563  | 99,216  | 102,711 | 108,050 |
|                | S/T        | 0.9                         | 0.9     | 0.7     | 0.6     | 1.0     | 0.9     | 0.7     | 0.6     | 1.0     | 0.9     | 0.8     | 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    | 25.9                        | 24.2    | 20.9    | 17.4    | 25.9    | 24.1    | 20.8    | 17.4    | 26.1    | 24.4    | 21.1    | 17.6    | 25.9    | 24.1    | 20.8    | 17.4    | 25.6    | 23.9    | 20.6    | 17.1    | 26.8    | 25.0    | 21.7    | 18.2    |
|                | Pr Suc     | 122.2                       | 123.7   | 126.8   | 131.9   | 129.5   | 131.0   | 134.1   | 139.2   | 135.9   | 137.4   | 140.5   | 145.6   | 141.3   | 142.8   | 145.9   | 151.0   | 146.6   | 148.1   | 151.2   | 156.3   | 153.3   | 154.8   | 157.8   | 162.9   |
|                | Pr Dis     | 294.9                       | 296.1   | 298.2   | 303.3   | 340.9   | 342.1   | 344.2   | 349.3   | 389.1   | 390.3   | 392.4   | 397.5   | 441.0   | 442.3   | 444.3   | 449.4   | 497.0   | 498.2   | 500.3   | 505.4   | 556.7   | 557.9   | 560.0   | 565.1   |
| <b>4164</b>    | ODamps     | 28.1                        | 28.1    | 28.0    | 28.3    | 32.2    | 32.2    | 32.1    | 32.4    | 36.7    | 36.7    | 36.6    | 36.9    | 41.7    | 41.6    | 41.6    | 41.9    | 47.2    | 47.1    | 47.1    | 47.4    | 53.6    | 53.6    | 53.5    | 53.8    |
|                | TotalPower | 7,220                       | 7,213   | 7,198   | 7,266   | 8,111   | 8,104   | 8,089   | 8,157   | 9,105   | 9,098   | 9,083   | 9,151   | 10,181  | 10,174  | 10,158  | 10,226  | 11,382  | 11,375  | 11,360  | 11,428  | 12,793  | 12,786  | 12,770  | 12,838  |
|                | Capacity   | 120,659                     | 122,312 | 125,807 | 131,146 | 119,612 | 121,265 | 124,760 | 130,098 | 116,557 | 118,209 | 121,705 | 127,043 | 111,301 | 112,953 | 116,448 | 121,787 | 104,877 | 106,529 | 110,024 | 115,363 | 99,012  | 100,665 | 104,160 | 109,498 |
|                | S/T        | 1.0                         | 0.9     | 0.7     | 0.6     | 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     | 0.9     | 0.7     |
|                | Evap dT    | 25.2                        | 23.4    | 20.1    | 16.7    | 25.2    | 23.4    | 20.1    | 16.6    | 25.4    | 23.6    | 20.3    | 16.9    | 25.1    | 23.4    | 20.1    | 16.6    | 24.9    | 23.1    | 19.8    | 16.4    | 26.0    | 24.2    | 20.9    | 17.5    |
|                | Pr Suc     | 123.8                       | 125.3   | 128.3   | 133.4   | 131.1   | 132.6   | 135.6   | 140.7   | 137.5   | 139.0   | 142.0   | 147.1   | 142.9   | 144.4   | 147.4   | 152.5   | 148.2   | 149.7   | 152.7   | 157.8   | 154.8   | 156.3   | 159.4   | 164.5   |
| <b>85 3785</b> | Pr Dis     | 296.8                       | 298.1   | 300.1   | 305.2   | 342.8   | 344.1   | 346.1   | 351.2   | 391.0   | 392.3   | 394.3   | 399.4   | 442.9   | 444.2   | 446.2   | 451.3   | 498.9   | 500.1   | 502.2   | 507.3   | 558.6   | 559.9   | 561.9   | 567.0   |
|                | ODamps     | 28.3                        | 28.2    | 28.1    | 28.5    | 32.3    | 32.3    | 32.2    | 32.5    | 36.9    | 36.8    | 36.8    | 37.1    | 41.8    | 41.8    | 41.7    | 42.0    | 47.3    | 47.3    | 47.2    | 47.5    | 53.8    | 53.7    | 53.7    | 54.0    |
|                | TotalPower | 7,252                       | 7,245   | 7,230   | 7,298   | 8,142   | 8,135   | 8,120   | 8,188   | 9,136   | 9,129   | 9,114   | 9,182   | 10,212  | 10,205  | 10,190  | 10,258  | 11,414  | 11,407  | 11,392  | 11,460  | 12,824  | 12,817  | 12,802  | 12,870  |
|                | Capacity   | 119,931                     | 121,584 | 125,079 | 130,417 | 118,884 | 120,536 | 124,031 | 129,370 | 115,829 | 117,481 | 120,976 | 126,315 | 110,572 | 112,225 | 115,720 | 121,059 | 104,148 | 105,801 | 109,296 | 114,635 | 98,284  | 99,936  | 103,431 | 108,770 |
|                | 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     | 0.8     |
|                | Evap dT    | 30.3                        | 28.5    | 25.2    | 21.8    | 30.2    | 28.4    | 25.1    | 21.7    | 30.5    | 28.7    | 25.4    | 22.0    | 30.2    | 28.4    | 25.1    | 21.7    | 30.0    | 28.2    | 24.9    | 21.4    | 31.1    | 29.3    | 26.0    | 22.6    |
| <b>4164</b>    | Pr Suc     | 122.6                       | 124.1   | 127.2   | 132.3   | 129.9   | 131.4   | 134.4   | 139.6   | 136.3   | 137.8   | 140.8   | 145.9   | 141.7   | 143.2   | 146.2   | 151.3   | 147.0   | 148.5   | 151.5   | 156.7   | 153.6   | 155.1   | 158.2   | 163.3   |
|                | Pr Dis     | 294.3                       | 295.5   | 297.6   | 302.7   | 340.3   | 341.5   | 343.6   | 348.7   | 388.5   | 389.8   | 391.8   | 396.9   | 440.4   | 441.7   | 443.7   | 448.8   | 496.4   | 497.6   | 499.7   | 504.8   | 556.1   | 557.3   | 559.4   | 564.5   |
|                | ODamps     | 28.0                        | 28.0    | 27.9    | 28.2    | 32.1    | 32.1    | 32.0    | 32.3    | 36.6    | 36.6    | 36.5    | 36.9    | 41.6    | 41.5    | 41.5    | 41.8    | 47.1    | 47.0    | 47.0    | 47.3    | 53.5    | 53.5    | 53.4    | 53.7    |
|                | TotalPower | 7,201                       | 7,194   | 7,179   | 7,247   | 8,092   | 8,085   | 8,069   | 8,138   | 9,086   | 9,079   | 9,063   | 9,132   | 10,161  | 10,154  | 10,139  | 10,207  | 11,363  | 11,356  | 11,341  | 11,409  | 12,773  | 12,766  | 12,751  | 12,819  |
|                | Capacity   | 121,182                     | 122,834 | 126,330 | 131,668 | 120,135 | 121,787 | 125,282 | 130,621 | 117,079 | 118,732 | 122,227 | 127,566 | 111,823 | 113,476 | 116,971 | 122,309 | 105,399 | 107,052 | 110,547 | 115,886 | 99,535  | 101,187 | 104,682 | 110,021 |
|                | S/T        | 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     | 0.7     | 1.0     | 1.0     | 0.9     | 0.8     | 1.0     | 1.0     | 1.0     | 0.8     |
| <b>85 3785</b> | Evap dT    | 29.4                        | 27.7    | 24.3    | 20.9    | 29.4    | 27.6    | 24.3    | 20.9    | 29.6    | 27.9    | 24.5    | 21.1    | 29.4    | 27.6    | 24.3    | 20.8    | 29.1    | 27.4    | 24.0    | 20.6    | 30.2    | 28.5    | 25.2    | 21.7    |
|                | Pr Suc     | 124.0                       | 125.5   | 128.6   | 133.7   | 131.3   | 132.8   | 135.9   | 141.0   | 137.7   | 139.2   | 142.3   | 147.4   | 143.1   | 144.6   | 147.7   | 152.8   | 148.4   | 149.9   | 153.0   | 158.1   | 155.1   | 156.6   | 159.6   | 164.7   |
|                | Pr Dis     | 296.2                       | 297.5   | 299.6   | 304.6   | 342.3   | 343.5   | 345.6   | 350.6   | 390.5   | 391.7   | 393.8   | 398.9   | 442.4   | 443.6   | 445.7   | 450.8   | 498.3   | 499.6   | 501.6   | 506.7   | 558.0   | 559.3   | 561.4   | 566.4   |
|                | ODamps     | 28.2                        | 28.2    | 28.1    | 28.4    | 32.3    | 32.2    | 32.2    | 32.5    | 36.8    | 36.8    | 36.7    | 37.0    | 41.7    | 41.7    | 41.6    | 41.9    | 47.2    | 47.2    | 47.1    | 47.4    | 53.7    | 53.7    | 53.6    | 53.9    |
|                | TotalPower | 7,237                       | 7,230   | 7,215   | 7,283   | 8,128   | 8,121   | 8,106   | 8,174   | 9,122   | 9,115   | 9,100   | 9,168   | 10,198  | 10,191  | 10,175  | 10,244  | 11,400  | 11,393  | 11,377  | 11,445  | 12,810  | 12,803  | 12,787  | 12,855  |
|                | Capacity   | 122,631                     | 124,283 | 127,778 | 133,117 | 121,584 | 123,236 | 126,731 | 132,070 | 118,528 | 120,181 | 123,676 | 129,015 | 113,272 | 114,925 | 118,420 | 123,758 | 106,848 | 108,501 | 111,996 | 117,334 | 100,983 | 102,636 | 106,131 | 111,470 |
| <b>4164</b>    | S/T        | 1.0                         | 1.0     | 0.9     | 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     | 1.0     | 1.0     | 0.9     | 0.8     | 1.0     | 1.0     | 1.0     | 0.8     |
|                | Evap dT    | 28.7                        | 26.9    | 23.6    | 20.2    | 28.7    | 26.9    | 23.6    | 20.1    | 28.9    | 27.1    | 23.8    | 20.4    | 28.6    | 26.9    | 23.5    | 20.1    | 28.4    | 26.6    | 23.3    | 19.9    | 29.5    | 27.7    | 24.4    | 21.0    |
|                | Pr Suc     | 125.6                       | 127.1   | 130.1   | 135.2   | 132.9   | 134.4   | 137.4   | 142.5   | 139.3   | 140.8   | 143.8   | 148.9   | 144.7   | 146.2   | 149.2   | 154.3   | 150.0   | 151.5   | 154.5   | 159.6   | 156.6   | 158.1   | 161.1   | 166.3   |
|                | Pr Dis     | 298.2                       | 299.4   | 301.5   | 306.6   | 344.2   | 345.4   | 347.5   | 352.6   | 392.4   | 393.6   | 395.7   | 400.8   | 444.3   | 445.5   | 447.6   | 452.7   | 500.2   | 501.5   | 503.6   | 508.6   | 560.0   | 561.2   | 563.3   | 568.4   |
|                | ODamps     | 28.3                        | 28.3    | 28.2    | 28.5    | 32.4    | 32.4    | 32.3    | 32.6    | 37.0    | 36.9    | 36.9    | 37.2    | 41.9    | 41.8    | 41.8    | 42.1    | 47.4    | 47.3    | 47.3    | 47.6    | 53.8    | 53.8    | 53.7    | 54.0    |
|                | TotalPower | 7,269                       | 7,262   | 7,247   | 7,315   | 8,159   | 8,152   | 8,137   | 8,205   | 9,153   | 9,146   | 9,131   | 9,199   | 10,229  | 10,222  | 10,207  | 10,275  | 11,431  | 11,424  | 11,409  | 11,477  | 12,841  | 12,834  | 12,819  | 12,887  |

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)



## DH6TE090

|       | OUTDOOR AMBIENT TEMPERATURE |        |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-----------------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|       | 65                          | 60     | 55    | 50    | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15    | 10    | 5     | 0     | -5    |
| MBh   | 108.99                      | 102.28 | 95.68 | 89.18 | 85.00 | 81.97 | 74.30 | 67.10 | 61.19 | 56.86 | 53.70 | 52.00 | 49.80 | 44.30 | 38.80 | 33.30 | 27.80 |
| T/R   | 25.64                       | 24.29  | 22.95 | 21.60 | 20.79 | 20.06 | 18.18 | 16.41 | 14.97 | 13.91 | 13.14 | 12.72 | 12.18 | 10.84 | 9.49  | 8.15  | 6.80  |
| KW    | 7.32                        | 7.27   | 7.21  | 7.15  | 7.12  | 7.09  | 7.04  | 6.98  | 6.92  | 6.87  | 6.81  | 6.77  | 6.75  | 6.69  | 6.64  | 6.58  | 6.52  |
| AMPS  | 28.0                        | 27.7   | 27.5  | 27.2  | 27.1  | 27.0  | 26.7  | 26.5  | 26.2  | 26.0  | 25.7  | 25.6  | 25.5  | 25.3  | 25.0  | 24.8  | 24.5  |
| COP   | 4.36                        | 4.13   | 3.89  | 3.65  | 3.50  | 3.39  | 3.09  | 2.82  | 2.59  | 2.43  | 2.31  | 2.25  | 2.16  | 1.94  | 1.71  | 1.48  | 1.25  |
| Hi PR | 387                         | 375    | 362   | 350   | 342   | 337   | 324   | 312   | 299   | 287   | 274   | 266   | 261   | 249   | 236   | 224   | 211   |
| LO PR | 128                         | 120    | 112   | 104   | 99    | 96    | 88    | 80    | 72    | 64    | 56    | 51    | 48    | 40    | 32    | 24    | 16    |

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

Amps = Outdoor unit amps (comp.+fan)

Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

kW = Total system power

## DH6TE120

|       | 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   | 29.16                       | 27.65  | 26.14  | 24.64  | 23.73 | 22.91 | 20.80 | 18.82 | 17.20 | 16.01 | 15.14 | 14.68 | 14.07 | 12.57 | 11.06 | 9.55  | 8.04  |
| 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  | 30.6                        | 30.2   | 29.8   | 29.4   | 29.2  | 29.0  | 28.6  | 28.2  | 27.8  | 27.4  | 27.0  | 26.8  | 26.7  | 26.3  | 25.9  | 25.5  | 25.1  |
| 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  |
| Hi PR | 373                         | 360    | 348    | 336    | 329   | 324   | 312   | 300   | 288   | 276   | 263   | 256   | 251   | 239   | 227   | 215   | 203   |
| LO PR | 120                         | 112    | 105    | 97     | 93    | 90    | 82    | 75    | 68    | 60    | 53    | 48    | 45    | 38    | 30    | 23    | 15    |

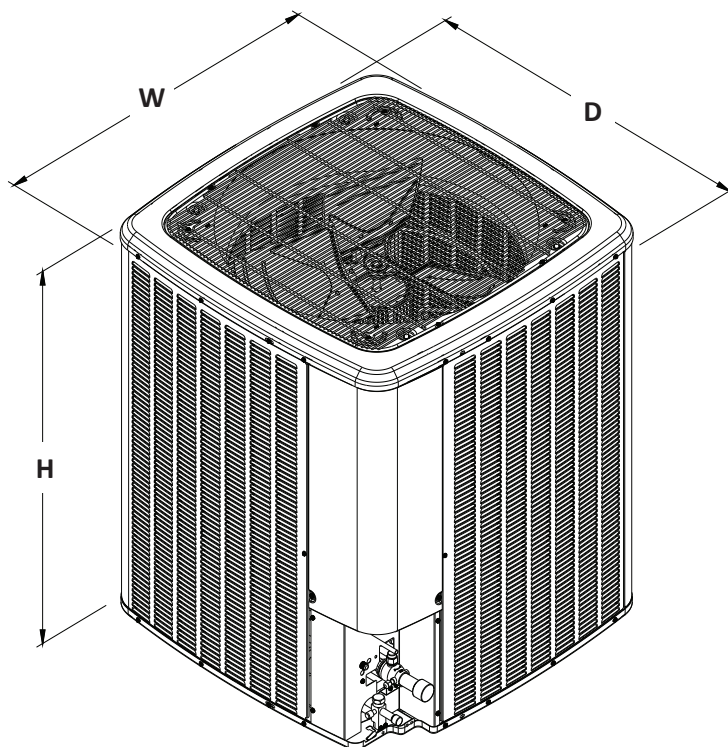
Calculations are based on nominal CFM and 70 °F indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)

Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

kW = Total system power





| MODEL        | DIMENSIONS |      |      |
|--------------|------------|------|------|
|              | W"         | D"   | H"   |
| DH6TE09030A* | 35½"       | 35½" | 41½" |
| DH6TE09040A* | 35½"       | 35½" | 41½" |
| DH6TE12030A* | 35½"       | 35½" | 41½" |
| DH6TE12040A* | 35½"       | 35½" | 41½" |

**POWER AND CONTROLS WIRING DIAGRAM**  
**DH6TE 090-120, 3PH**

- NOTES**
1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (AT LEAST 105° C). USE COPPER CONDUCTORS ONLY. USE N.E.C. CLASS 2 WIRE FOR ALL LOW VOLTAGE FIELD CONNECTIONS.
  2. TO INDOOR UNIT'S LOW VOLTAGE TERMINAL BLOCK AND THERMOSTAT. W1 WIRE IS USED TO COMMAND THE INDOOR UNIT'S AUXILIARY HEAT (IF INSTALLED)

**COMPONENT LEGEND**

|      |                                |
|------|--------------------------------|
| CC   | COMPRESSOR CONTACTOR           |
| CCH  | CRANKCASE HEATER               |
| CCX  | COMPRESSOR CONTACTOR AUXILIARY |
| CM   | CONDENSER MOTOR                |
| COMP | COMPRESSOR                     |
| DFCB | DEFROST CONTROL BOARD          |
| DFT  | DEFROST TEMPERATURE SWITCH     |
| DR   | DEFROST RELAY                  |
| GND  | EQUIPMENT GROUND               |
| HPS  | HIGH PRESSURE SWITCH           |
| LPS  | LOW PRESSURE SWITCH            |
| LVJB | LOW VOLTAGE JUNCTION BOX       |
| PLF  | FEMALE PLUG / CONNECTOR        |
| PLM  | MALE PLUG / CONNECTOR          |
| RV   | REVERSING VALVE                |

**WIRE CODE**

|       |                         |
|-------|-------------------------|
| BK    | BLACK                   |
| BL    | BLUE                    |
| BL/PK | BLUE WITH PINK STRIPE   |
| BR    | BROWN                   |
| GR    | GREEN                   |
| GY    | GRAY                    |
| OR    | ORANGE                  |
| PK    | PINK                    |
| PU    | PURPLE                  |
| RD    | RED                     |
| WH    | WHITE                   |
| YL    | YELLOW                  |
| YL/PK | YELLOW WITH PINK STRIPE |

**FACTORY WIRING**

|       |                       |
|-------|-----------------------|
| —     | HIGH VOLTAGE          |
| ---   | LOW VOLTAGE           |
| - - - | OPTIONAL HIGH VOLTAGE |
| - - - | OPTIONAL LOW VOLTAGE  |



**FIELD WIRING**

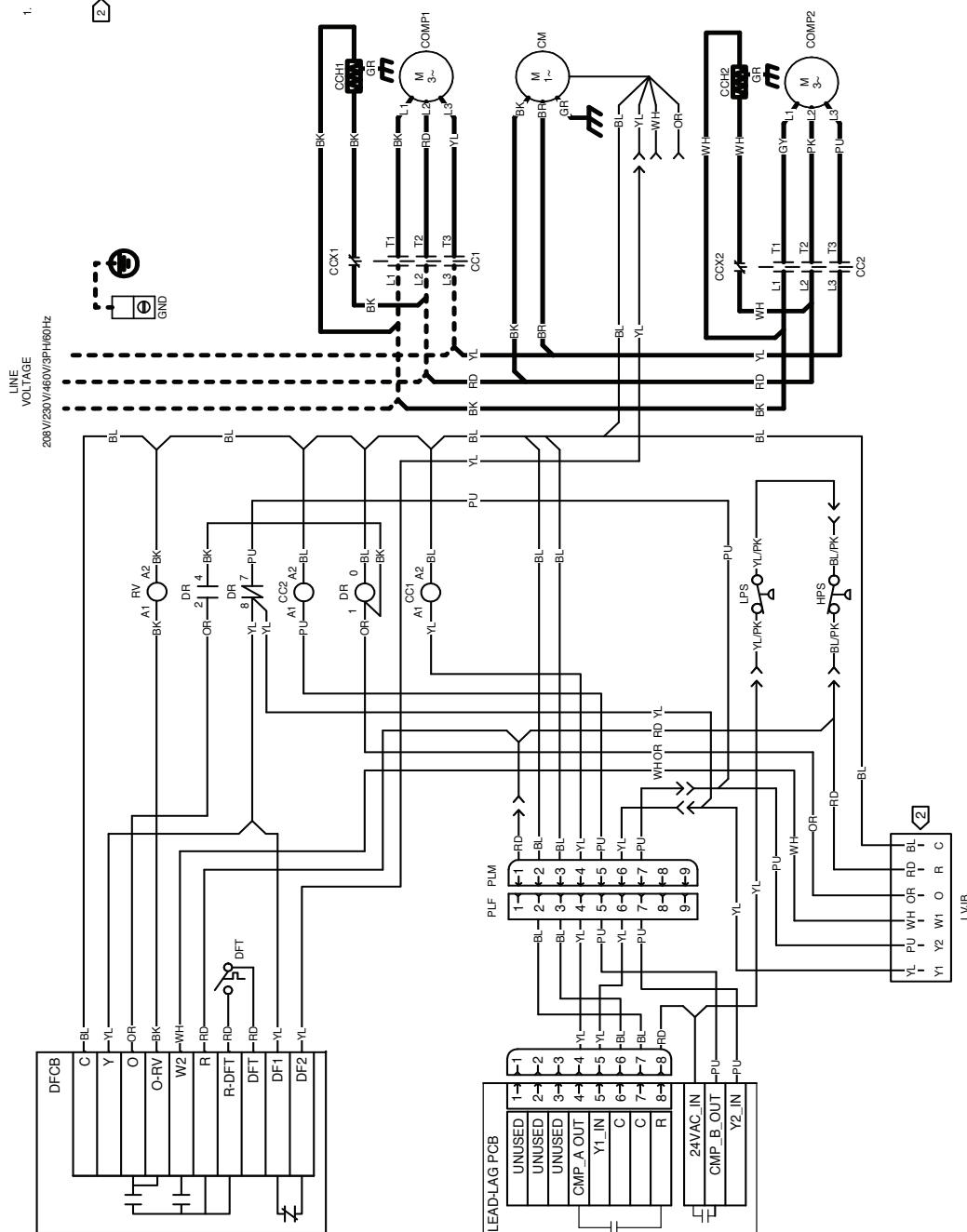
|       |              |
|-------|--------------|
| ---   | HIGH VOLTAGE |
| - - - | LOW VOLTAGE  |



EARTH GROUND



0140R01455-A



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        | DH6TE<br>09030A* | DH6TE<br>09040A* | DH6TE<br>12030A* | DH6TE<br>12040A* |
|-------------|--------------------|------------------|------------------|------------------|------------------|
| ABK-20      | Anchor Bracket Kit | X                | X                | X                | X                |
| LSK01A      | Solenoid Kit       | X                | X                | X                | X                |
| LAKT01HP    | Low Ambient Kit    | X                | X                | X                | X                |
| OT18-60-02A | Outdoor Thermostat | X                | X                | X                | X                |
| 0130L20000  | Crankcase Heater   | X                |                  | X                |                  |
| 0130L20001  | Crankcase Heater   | X                |                  | X                |                  |
| 0130L20002  | Crankcase Heater   |                  | X                |                  | X                |
| 0130L20003  | Crankcase Heater   |                  | X                |                  | X                |

\* 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.

[illegible]