



# DX13S COMMERCIAL

## 3-, 4-, & 5-TON, THREE-PHASE SPLIT SYSTEM AIR CONDITIONER

### COOLING CAPACITY:

36,000 - 60,000 BTU/H



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### ■ Standard Features

- Energy-efficient compressor
- Factory-installed filter drier
- Copper tube/ enhanced aluminum fin coil
- Service valves with sweat connections and easy-access gauge ports
- Contactor with lug connection
- Ground lug connection
- Units meet the performance outlined in Table 6.8.1B of ASHRAE Standard 90.1-2010
- AHRI Certified
- ETL Listed

### ■ Cabinet Features

- Innovative louvered sound control top design
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Nickel Gray powder-paint finish
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- 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 distributor or manufacturer's representative or at [www.daikincomfort.com](http://www.daikincomfort.com).

|             | D                | X | 13  | S | A | 036   | 3  | A  | A  |                                 |
|-------------|------------------|---|-----|---|---|-------|----|----|----|---------------------------------|
|             | 1                | 2 | 3,4 | 5 | 6 | 7,8,9 | 10 | 11 | 12 |                                 |
| Brand       | D - Daikin       |   |     |   |   |       |    |    |    | Engineering                     |
|             |                  |   |     |   |   |       |    |    |    | Minor revision                  |
| Type        | X - AC R-410A    |   |     |   |   |       |    |    |    | Engineering                     |
|             | Z - HP R-410A    |   |     |   |   |       |    |    |    | Major revision                  |
| EER         | 13 -13 SEER      |   |     |   |   |       |    |    |    | Voltage                         |
|             |                  |   |     |   |   |       |    |    |    | 3 - 208/230 V Three-Phase 60 Hz |
|             |                  |   |     |   |   |       |    |    |    | 4 - 460 V Three-Phase 60 Hz     |
| Compressor  | S - Single Stage |   |     |   |   |       |    |    |    | Tonnage Nominal                 |
|             |                  |   |     |   |   |       |    |    |    | 036 - 3 tons                    |
|             |                  |   |     |   |   |       |    |    |    | 048 - 4 tons                    |
| Feature Set | A - Base         |   |     |   |   |       |    |    |    | 060 - 5 tons                    |

|                                           | DX13SA<br>0363A*  | DX13SA<br>0364A*  | DX13SA<br>0483A*  | DX13SA<br>0484A*  | DX13SA<br>0603A*  | DX13SA<br>0604A*  |
|-------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| <b>COOLING CAPACITIES</b>                 |                   |                   |                   |                   |                   |                   |
| Nominal Cooling (BTU/h)                   | 36,000            | 36,000            | 48,000            | 48,000            | 60,000            | 60,000            |
| SEER                                      | 13                | 13                | 13                | 13                | 13                | 13                |
| Decibels                                  | 74                | 74                | 76                | 76                | 72                | 72                |
| <b>COMPRESSOR</b>                         |                   |                   |                   |                   |                   |                   |
| RLA / LRA                                 | 10.4/73           | 5.8/38.0          | 13.1/83.1         | 6.1/41            | 16/110            | 7.8/52            |
| Type                                      | Scroll            | Scroll            | Scroll            | Scroll            | Scroll            | Scroll            |
| <b>CONDENSER FAN MOTOR</b>                |                   |                   |                   |                   |                   |                   |
| Horsepower                                | 1/6               | 1/6               | 1/4               | 1/4               | 1/4               | 1/4               |
| FLA                                       | 1.1               | 0.6               | 1.4               | 0.8               | 1.3               | 0.8               |
| <b>REFRIGERATION SYSTEM</b>               |                   |                   |                   |                   |                   |                   |
| Refrigerant Line Size                     |                   |                   |                   |                   |                   |                   |
| Liquid Line Size ("O.D.)                  | 3/8"              | 3/8"              | 3/8"              | 3/8"              | 3/8"              | 3/8"              |
| Suction Line Size ("O.D.)                 | 3/4"              | 3/4"              | 1 1/8"            | 1 1/8"            | 1 1/8"            | 1 1/8"            |
| Refrigerant Connection Size               |                   |                   |                   |                   |                   |                   |
| Liquid Valve Size ("O.D.)                 | 3/8"              | 3/8"              | 3/8"              | 3/8"              | 3/8"              | 3/8"              |
| Suction Valve Size ("O.D.) <sup>3 4</sup> | 3/4" <sup>3</sup> | 3/4" <sup>3</sup> | 7/8" <sup>4</sup> | 7/8" <sup>4</sup> | 7/8" <sup>4</sup> | 7/8" <sup>4</sup> |
| Valve Type                                | Sweat             | Sweat             | Sweat             | Sweat             | Sweat             | Sweat             |
| Refrigerant Charge (oz.)                  | 68                | 68                | 97                | 97                | 130               | 111               |
| Piston Size                               | 0.07              | 0.07              | 0.08              | 0.08              | 0.086             | 0.086             |
| <b>ELECTRICAL DATA</b>                    |                   |                   |                   |                   |                   |                   |
| AC Volts/ Hz/ Phase                       | 208-230/ 60/ 3    | 460/60/3          | 208-230/ 60/ 3    | 460/ 60/ 3        | 208-230/ 60/ 3    | 460/ 60/ 3        |
| Min. Circuit Ampacity <sup>1</sup>        | 14.1              | 7.9               | 17.8              | 8.4               | 21.3              | 10.6              |
| Max. Overcurrent Device <sup>2</sup>      | 20                | 15                | 30                | 15                | 35                | 15                |
| Min / Max Volts                           | 197/253           | 197/253           | 197/253           | 414/506           | 197/253           | 414/506           |
| Electrical Conduit Size                   | 1/2" or 3/4"      | 1/2" or 3/4"      | 1/2" or 3/4"      | 1/2" or 3/4"      | 1/2" or 3/4"      | 1/2" or 3/4"      |
| <b>SHIP WEIGHT (LBS)</b>                  | 196               | 196               | 190               | 189               | 301               | 301               |

<sup>1</sup> Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

<sup>2</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

<sup>3</sup> Installer will need to supply 3/4" to 7/8" adapters for suction line connections.

<sup>4</sup> Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.

**NOTES**

- Always check the S&R plate for electrical data on the unit being installed.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

|     |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 105  |      |      |      | 115  |      |      |      |
|-----|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|     |         | 65                          |      |      |      | 75   |      |      |      | 85   |      |      |      | 95   |      |      |      | 105  |      |      |      | 115  |      |      |      |
| 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   |
| 70  | MBh     | 31.1                        | 32.2 | 35.3 | -    | 30.4 | 31.5 | 34.5 | -    | 29.6 | 30.7 | 33.7 | -    | 28.9 | 30.0 | 32.8 | -    | 27.5 | 28.5 | 31.2 | -    | 25.4 | 26.4 | 28.9 | -    |
|     | S/T     | 0.70                        | 0.58 | 0.40 | -    | 0.72 | 0.60 | 0.42 | -    | 0.74 | 0.62 | 0.43 | -    | 0.76 | 0.64 | 0.44 | -    | 0.79 | 0.66 | 0.46 | -    | 0.80 | 0.67 | 0.46 | -    |
|     | ΔT      | 19                          | 16   | 12   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 19   | 16   | 13   | -    | 18   | 15   | 12   | -    |
|     | kW      | 2.42                        | 2.47 | 2.54 | -    | 2.60 | 2.65 | 2.73 | -    | 2.75 | 2.81 | 2.89 | -    | 2.88 | 2.94 | 3.04 | -    | 3.00 | 3.06 | 3.16 | -    | 3.10 | 3.16 | 3.26 | -    |
|     | Amps    | 6.1                         | 6.3  | 6.5  | -    | 6.6  | 6.7  | 7.0  | -    | 7.1  | 7.3  | 7.5  | -    | 7.6  | 7.8  | 8.0  | -    | 8.1  | 8.3  | 8.5  | -    | 8.5  | 8.7  | 9.0  | -    |
| 70  | MBh     | 33.7                        | 34.9 | 38.2 | -    | 32.9 | 34.1 | 37.4 | -    | 32.1 | 33.3 | 36.5 | -    | 31.3 | 32.5 | 35.6 | -    | 29.8 | 30.8 | 33.8 | -    | 27.6 | 28.6 | 31.3 | -    |
|     | S/T     | 0.72                        | 0.60 | 0.42 | -    | 0.75 | 0.62 | 0.43 | -    | 0.77 | 0.64 | 0.44 | -    | 0.79 | 0.66 | 0.46 | -    | 0.82 | 0.69 | 0.48 | -    | 0.83 | 0.69 | 0.48 | -    |
|     | ΔT      | 19                          | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 17   | 15   | 11   | -    |
|     | kW      | 2.48                        | 2.53 | 2.60 | -    | 2.66 | 2.71 | 2.79 | -    | 2.81 | 2.87 | 2.96 | -    | 2.95 | 3.02 | 3.11 | -    | 3.07 | 3.14 | 3.24 | -    | 3.17 | 3.24 | 3.34 | -    |
|     | Amps    | 6.3                         | 6.4  | 6.6  | -    | 6.8  | 6.9  | 7.1  | -    | 7.3  | 7.5  | 7.7  | -    | 7.8  | 8.0  | 8.3  | -    | 8.3  | 8.5  | 8.8  | -    | 8.8  | 9.0  | 9.3  | -    |
| 70  | MBh     | 34.7                        | 36.0 | 39.4 | -    | 33.9 | 35.1 | 38.5 | -    | 33.1 | 34.3 | 37.6 | -    | 32.3 | 33.4 | 36.6 | -    | 30.7 | 31.8 | 34.8 | -    | 28.4 | 29.4 | 32.2 | -    |
|     | S/T     | 0.76                        | 0.63 | 0.44 | -    | 0.78 | 0.65 | 0.45 | -    | 0.80 | 0.67 | 0.47 | -    | 0.83 | 0.69 | 0.48 | -    | 0.86 | 0.72 | 0.50 | -    | 0.87 | 0.73 | 0.50 | -    |
|     | ΔT      | 18                          | 15   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 17   | 15   | 11   | -    |
|     | kW      | 2.50                        | 2.55 | 2.62 | -    | 2.68 | 2.73 | 2.81 | -    | 2.84 | 2.90 | 2.98 | -    | 2.98 | 3.04 | 3.13 | -    | 3.10 | 3.16 | 3.26 | -    | 3.20 | 3.27 | 3.37 | -    |
|     | Amps    | 6.3                         | 6.5  | 6.7  | -    | 6.8  | 7.0  | 7.2  | -    | 7.4  | 7.6  | 7.8  | -    | 7.9  | 8.1  | 8.3  | -    | 8.4  | 8.6  | 8.9  | -    | 8.9  | 9.1  | 9.4  | -    |
| 75  | MBh     | 31.6                        | 32.5 | 35.2 | 37.8 | 30.9 | 31.8 | 34.4 | 36.9 | 30.1 | 31.0 | 33.6 | 36.1 | 29.4 | 30.3 | 32.8 | 35.2 | 27.9 | 28.8 | 31.1 | 33.4 | 25.9 | 26.6 | 28.8 | 31.0 |
|     | S/T     | 0.79                        | 0.71 | 0.54 | 0.34 | 0.82 | 0.73 | 0.55 | 0.36 | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.91 | 0.81 | 0.61 | 0.40 |
|     | ΔT      | 22                          | 20   | 17   | 11   | 22   | 20   | 17   | 12   | 22   | 20   | 17   | 12   | 22   | 20   | 17   | 11   | 22   | 20   | 17   | 11   | 21   | 19   | 16   | 11   |
|     | kW      | 2.44                        | 2.49 | 2.56 | 2.64 | 2.62 | 2.67 | 2.75 | 2.83 | 2.77 | 2.83 | 2.91 | 3.01 | 2.91 | 2.97 | 3.06 | 3.16 | 3.02 | 3.09 | 3.18 | 3.29 | 3.12 | 3.19 | 3.29 | 3.40 |
|     | Amps    | 6.2                         | 6.3  | 6.5  | 6.7  | 6.6  | 6.8  | 7.0  | 7.3  | 7.2  | 7.4  | 7.6  | 7.9  | 7.7  | 7.9  | 8.1  | 8.4  | 8.2  | 8.3  | 8.6  | 8.9  | 8.6  | 8.8  | 9.1  | 9.5  |
| 75  | MBh     | 34.2                        | 35.3 | 38.2 | 41.0 | 33.5 | 34.4 | 37.3 | 40.0 | 32.7 | 33.6 | 36.4 | 39.1 | 31.9 | 32.8 | 35.5 | 38.1 | 30.3 | 31.2 | 33.7 | 36.2 | 28.0 | 28.9 | 31.2 | 33.5 |
|     | S/T     | 0.82                        | 0.73 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.41 | 0.94 | 0.84 | 0.64 | 0.41 |
|     | ΔT      | 22                          | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 17   | 11   | 22   | 20   | 16   | 11   | 20   | 19   | 15   | 11   |
|     | kW      | 2.50                        | 2.55 | 2.62 | 2.70 | 2.68 | 2.73 | 2.82 | 2.90 | 2.84 | 2.90 | 2.98 | 3.08 | 2.98 | 3.04 | 3.13 | 3.23 | 3.10 | 3.16 | 3.26 | 3.37 | 3.20 | 3.27 | 3.37 | 3.48 |
|     | Amps    | 6.3                         | 6.5  | 6.7  | 6.9  | 6.8  | 7.0  | 7.2  | 7.5  | 7.4  | 7.6  | 7.8  | 8.1  | 7.9  | 8.1  | 8.3  | 8.6  | 8.4  | 8.6  | 8.9  | 9.2  | 8.9  | 9.1  | 9.4  | 9.7  |
| 75  | MBh     | 35.3                        | 36.3 | 39.3 | 42.2 | 34.5 | 35.5 | 38.4 | 41.2 | 33.6 | 34.6 | 37.5 | 40.2 | 32.8 | 33.8 | 36.6 | 39.3 | 31.2 | 32.1 | 34.7 | 37.3 | 28.9 | 29.7 | 32.2 | 34.5 |
|     | S/T     | 0.86                        | 0.77 | 0.58 | 0.37 | 0.89 | 0.80 | 0.60 | 0.39 | 0.91 | 0.82 | 0.62 | 0.40 | 0.94 | 0.84 | 0.64 | 0.41 | 0.98 | 0.88 | 0.66 | 0.43 | 0.99 | 0.88 | 0.67 | 0.43 |
|     | ΔT      | 21                          | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 19   | 18   | 15   | 10   |
|     | kW      | 2.52                        | 2.57 | 2.64 | 2.72 | 2.70 | 2.75 | 2.84 | 2.92 | 2.86 | 2.92 | 3.01 | 3.10 | 3.00 | 3.06 | 3.16 | 3.26 | 3.12 | 3.19 | 3.29 | 3.39 | 3.23 | 3.29 | 3.40 | 3.51 |
|     | Amps    | 6.4                         | 6.5  | 6.7  | 7.0  | 6.9  | 7.0  | 7.3  | 7.5  | 7.5  | 7.6  | 7.9  | 8.2  | 8.0  | 8.1  | 8.4  | 8.7  | 8.5  | 8.7  | 8.9  | 9.3  | 8.9  | 9.2  | 9.5  | 9.8  |
| 75  | MBh     | 23.6                        | 25.4 | 26.8 | 28.0 | 26.5 | 28.5 | 30.1 | 31.4 | 30.1 | 32.4 | 34.2 | 35.7 | 34.3 | 36.9 | 39.0 | 40.7 | 38.6 | 41.5 | 43.9 | 45.8 | 42.7 | 45.9 | 48.5 | 50.6 |
|     | S/T     | 0.68                        | 0.60 | 0.45 | 0.30 | 0.70 | 0.62 | 0.46 | 0.31 | 0.72 | 0.64 | 0.48 | 0.33 | 0.74 | 0.66 | 0.50 | 0.35 | 0.76 | 0.68 | 0.52 | 0.37 | 0.78 | 0.70 | 0.54 | 0.39 |
|     | ΔT      | 18                          | 16   | 14   | 10   | 18   | 16   | 14   | 10   | 18   | 16   | 14   | 10   | 18   | 16   | 14   | 10   | 18   | 16   | 14   | 10   | 17   | 15   | 12   | 8    |
|     | kW      | 2.36                        | 2.42 | 2.47 | 2.53 | 2.40 | 2.46 | 2.52 | 2.58 | 2.47 | 2.53 | 2.59 | 2.65 | 2.55 | 2.61 | 2.67 | 2.73 | 2.62 | 2.68 | 2.74 | 2.80 | 2.70 | 2.76 | 2.82 | 2.88 |
|     | Amps    | 5.4                         | 5.6  | 5.8  | 6.0  | 5.6  | 5.8  | 6.0  | 6.2  | 5.7  | 5.9  | 6.1  | 6.3  | 6.0  | 6.2  | 6.4  | 6.6  | 6.1  | 6.3  | 6.5  | 6.7  | 6.4  | 6.6  | 6.8  | 7.0  |

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

Shaded area is ACCA (TVA) conditions.

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

|       |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       |         | 65                          |      |      |      | 75   |      |      |      | 85   |      |      |      | 95   |      |      |      | 105  |      |      |      | 115  |      |      |      |
| 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   |
| 80    | MBh     | 32.2                        | 32.9 | 35.1 | 37.5 | 31.4 | 32.1 | 34.3 | 36.7 | 30.7 | 31.3 | 33.5 | 35.8 | 29.9 | 30.6 | 32.7 | 34.9 | 28.4 | 29.1 | 31.0 | 33.2 | 26.3 | 26.9 | 28.8 | 30.7 |
|       | S/T     | 0.87                        | 0.81 | 0.66 | 0.49 | 0.90 | 0.84 | 0.69 | 0.51 | 0.92 | 0.86 | 0.70 | 0.53 | 0.95 | 0.89 | 0.73 | 0.54 | 0.99 | 0.93 | 0.75 | 0.56 | 1.00 | 0.93 | 0.76 | 0.57 |
|       | ΔT      | 24                          | 23   | 20   | 16   | 25   | 24   | 21   | 16   | 25   | 24   | 21   | 16   | 25   | 24   | 21   | 17   | 25   | 24   | 20   | 16   | 23   | 22   | 19   | 15   |
|       | kW      | 2.46                        | 2.51 | 2.58 | 2.66 | 2.64 | 2.69 | 2.77 | 2.86 | 2.79 | 2.85 | 2.94 | 3.03 | 2.93 | 2.99 | 3.08 | 3.18 | 3.05 | 3.11 | 3.21 | 3.31 | 3.15 | 3.21 | 3.32 | 3.42 |
|       | Amps    | 6.2                         | 6.4  | 6.6  | 6.8  | 6.7  | 6.9  | 7.1  | 7.3  | 7.3  | 7.4  | 7.7  | 8.0  | 7.7  | 7.9  | 8.2  | 8.5  | 8.2  | 8.4  | 8.7  | 9.0  | 8.7  | 8.9  | 9.2  | 9.5  |
| 1200  | HI PR   | 229                         | 246  | 260  | 271  | 257  | 277  | 292  | 305  | 292  | 315  | 332  | 346  | 333  | 358  | 378  | 395  | 375  | 403  | 426  | 444  | 414  | 445  | 470  | 490  |
|       | LO PR   | 105                         | 112  | 122  | 130  | 111  | 118  | 129  | 137  | 115  | 123  | 134  | 143  | 121  | 129  | 141  | 150  | 127  | 135  | 147  | 157  | 131  | 140  | 152  | 162  |
|       | MBh     | 34.9                        | 35.6 | 38.1 | 40.7 | 34.0 | 34.8 | 37.2 | 39.7 | 33.2 | 34.0 | 36.3 | 38.8 | 32.4 | 33.1 | 35.4 | 37.8 | 30.8 | 31.5 | 33.6 | 36.0 | 28.5 | 29.2 | 31.2 | 33.3 |
|       | S/T     | 0.90                        | 0.84 | 0.69 | 0.51 | 0.93 | 0.87 | 0.71 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 0.99 | 0.93 | 0.75 | 0.56 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 0.97 | 0.79 | 0.59 |
|       | ΔT      | 24                          | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 25   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 22   | 22   | 19   | 15   |
| 1350  | kW      | 2.52                        | 2.57 | 2.64 | 2.72 | 2.70 | 2.75 | 2.84 | 2.93 | 2.86 | 2.92 | 3.01 | 3.10 | 3.00 | 3.06 | 3.16 | 3.26 | 3.12 | 3.19 | 3.29 | 3.39 | 3.23 | 3.29 | 3.40 | 3.51 |
|       | Amps    | 6.4                         | 6.5  | 6.7  | 7.0  | 6.9  | 7.0  | 7.3  | 7.5  | 7.5  | 7.6  | 7.9  | 8.2  | 8.0  | 8.1  | 8.4  | 8.7  | 8.5  | 8.7  | 8.9  | 9.3  | 8.9  | 9.2  | 9.5  | 9.8  |
|       | HI PR   | 236                         | 254  | 268  | 280  | 265  | 285  | 301  | 314  | 301  | 324  | 342  | 357  | 343  | 369  | 390  | 407  | 386  | 415  | 439  | 458  | 427  | 459  | 485  | 506  |
|       | LO PR   | 108                         | 115  | 126  | 134  | 114  | 122  | 133  | 141  | 119  | 126  | 138  | 147  | 125  | 133  | 145  | 154  | 131  | 139  | 152  | 162  | 135  | 144  | 157  | 167  |
|       | MBh     | 35.9                        | 36.7 | 39.2 | 41.9 | 35.1 | 35.8 | 38.3 | 40.9 | 34.2 | 35.0 | 37.4 | 40.0 | 33.4 | 34.1 | 36.5 | 39.0 | 31.7 | 32.4 | 34.6 | 37.0 | 29.4 | 30.0 | 32.1 | 34.3 |
| 1350  | S/T     | 0.94                        | 0.88 | 0.72 | 0.54 | 1.00 | 0.92 | 0.75 | 0.56 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.97 | 0.79 | 0.59 | 1.00 | 1.00 | 0.82 | 0.61 | 1.00 | 1.00 | 0.83 | 0.62 |
|       | ΔT      | 23                          | 22   | 19   | 15   | 24   | 22   | 19   | 16   | 23   | 22   | 19   | 16   | 23   | 23   | 20   | 16   | 22   | 22   | 19   | 15   | 20   | 20   | 18   | 14   |
|       | kW      | 2.54                        | 2.59 | 2.66 | 2.74 | 2.72 | 2.77 | 2.86 | 2.95 | 2.88 | 2.94 | 3.03 | 3.13 | 3.02 | 3.09 | 3.19 | 3.29 | 3.15 | 3.21 | 3.32 | 3.42 | 3.25 | 3.32 | 3.43 | 3.54 |
|       | Amps    | 6.4                         | 6.6  | 6.8  | 7.0  | 6.9  | 7.1  | 7.3  | 7.6  | 7.5  | 7.7  | 8.0  | 8.2  | 8.0  | 8.2  | 8.5  | 8.8  | 8.5  | 8.7  | 9.0  | 9.4  | 9.0  | 9.2  | 9.5  | 9.9  |
|       | HI PR   | 238                         | 257  | 271  | 283  | 268  | 288  | 304  | 317  | 304  | 328  | 346  | 361  | 347  | 373  | 394  | 411  | 390  | 420  | 443  | 462  | 431  | 464  | 490  | 511  |
| LO PR | 109     | 116                         | 127  | 135  | 116  | 123  | 134  | 143  | 120  | 128  | 139  | 148  | 126  | 134  | 146  | 156  | 132  | 141  | 153  | 163  | 137  | 145  | 159  | 169  |      |

|      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85   | MBh   | 32.7 | 33.4 | 34.9 | 37.3 | 32.0 | 32.6 | 34.1 | 36.4 | 31.2 | 31.8 | 33.3 | 35.6 | 30.5 | 31.0 | 32.5 | 34.7 | 28.9 | 29.5 | 30.9 | 33.0 | 26.8 | 27.3 | 28.6 | 30.5 |
|      | S/T   | 0.91 | 0.88 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.67 | 0.97 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.70 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.91 | 0.74 |
|      | ΔT    | 26   | 26   | 24   | 21   | 26   | 26   | 25   | 21   | 26   | 26   | 24   | 21   | 27   | 26   | 25   | 21   | 25   | 26   | 24   | 21   | 23   | 24   | 23   | 20   |
|      | kW    | 2.48 | 2.53 | 2.60 | 2.68 | 2.66 | 2.71 | 2.79 | 2.88 | 2.81 | 2.87 | 2.96 | 3.05 | 2.95 | 3.01 | 3.11 | 3.21 | 3.07 | 3.14 | 3.23 | 3.34 | 3.17 | 3.24 | 3.34 | 3.45 |
|      | Amps  | 6.3  | 6.4  | 6.6  | 6.9  | 6.8  | 6.9  | 7.1  | 7.4  | 7.3  | 7.5  | 7.7  | 8.0  | 7.8  | 8.0  | 8.3  | 8.6  | 8.3  | 8.5  | 8.8  | 9.1  | 8.8  | 9.0  | 9.3  | 9.6  |
| 1200 | HI PR | 231  | 249  | 263  | 274  | 260  | 279  | 295  | 308  | 295  | 318  | 335  | 350  | 336  | 362  | 382  | 399  | 378  | 407  | 430  | 448  | 418  | 450  | 475  | 495  |
|      | LO PR | 106  | 113  | 123  | 131  | 112  | 119  | 130  | 139  | 116  | 124  | 135  | 144  | 122  | 130  | 142  | 151  | 128  | 136  | 149  | 159  | 133  | 141  | 154  | 164  |
|      | MBh   | 35.5 | 36.2 | 37.9 | 40.4 | 34.6 | 35.3 | 37.0 | 39.5 | 33.8 | 34.5 | 36.1 | 38.5 | 33.0 | 33.6 | 35.2 | 37.6 | 31.3 | 31.9 | 33.5 | 35.7 | 29.0 | 29.6 | 31.0 | 33.1 |
|      | S/T   | 0.94 | 0.91 | 0.82 | 0.67 | 0.98 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.76 | 1.00 | 1.00 | 0.94 | 0.76 |
|      | ΔT    | 26   | 25   | 24   | 21   | 26   | 26   | 24   | 21   | 26   | 26   | 24   | 21   | 25   | 26   | 24   | 21   | 24   | 24   | 24   | 21   | 22   | 23   | 22   | 19   |
| 1350 | kW    | 2.54 | 2.59 | 2.66 | 2.74 | 2.72 | 2.77 | 2.86 | 2.95 | 2.88 | 2.94 | 3.03 | 3.13 | 3.02 | 3.09 | 3.19 | 3.29 | 3.15 | 3.21 | 3.32 | 3.42 | 3.25 | 3.32 | 3.43 | 3.54 |
|      | Amps  | 6.4  | 6.6  | 6.8  | 7.0  | 6.9  | 7.1  | 7.3  | 7.6  | 7.5  | 7.7  | 8.0  | 8.2  | 8.0  | 8.2  | 8.5  | 8.8  | 8.5  | 8.7  | 9.0  | 9.4  | 9.0  | 9.2  | 9.5  | 9.9  |
|      | HI PR | 238  | 257  | 271  | 283  | 268  | 288  | 304  | 317  | 304  | 328  | 346  | 361  | 347  | 373  | 394  | 411  | 390  | 420  | 443  | 462  | 431  | 464  | 490  | 511  |
|      | LO PR | 109  | 116  | 127  | 135  | 116  | 123  | 134  | 143  | 120  | 128  | 139  | 148  | 126  | 134  | 146  | 156  | 132  | 141  | 153  | 163  | 137  | 145  | 159  | 169  |
|      | MBh   | 36.5 | 37.2 | 39.0 | 41.6 | 35.7 | 36.4 | 38.1 | 40.6 | 34.8 | 35.5 | 37.2 | 39.7 | 34.0 | 34.6 | 36.3 | 38.7 | 32.3 | 32.9 | 34.5 | 36.8 | 29.9 | 30.5 | 31.9 | 34.1 |
| 1350 | S/T   | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.77 | 1.00 | 1.00 | 0.98 | 0.80 | 1.00 | 1.00 | 0.99 | 0.80 |
|      | ΔT    | 25   | 24   | 23   | 20   | 24   | 24   | 23   | 20   | 24   | 24   | 23   | 20   | 23   | 24   | 23   | 20   | 22   | 22   | 23   | 20   | 20   | 21   | 21   | 19   |
|      | kW    | 2.55 | 2.61 | 2.68 | 2.76 | 2.74 | 2.80 | 2.88 | 2.97 | 2.90 | 2.96 | 3.06 | 3.15 | 3.05 | 3.11 | 3.21 | 3.31 | 3.17 | 3.24 | 3.34 | 3.45 | 3.28 | 3.35 | 3.46 | 3.57 |
|      | Amps  | 6.5  | 6.7  | 6.9  | 7.1  | 7.0  | 7.2  | 7.4  | 7.7  | 7.6  | 7.8  | 8.0  | 8.3  | 8.1  | 8.3  | 8.6  | 8.9  | 8.6  | 8.8  | 9.1  | 9.4  | 9.1  | 9.3  | 9.6  | 10.0 |
|      | HI PR | 241  | 259  | 274  | 285  | 270  | 291  | 307  | 320  | 307  | 331  | 349  | 364  | 350  | 377  | 398  | 415  | 394  | 424  | 448  | 467  | 435  | 468  | 495  | 516  |
|      | LO PR | 110  | 117  | 128  | 137  | 117  | 124  | 135  | 144  | 121  | 129  | 141  | 150  | 127  | 135  | 148  | 158  | 133  | 142  | 155  | 165  | 138  | 147  | 160  | 171  |

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

Shaded area is AHRI conditions.

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

|     |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 105  |      |      |      | 115  |      |      |      |
|-----|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|     |         | 65                          |      |      |      | 75   |      |      |      | 85   |      |      |      | 95   |      |      |      | 105  |      |      |      | 115  |      |      |      |
| 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   |
| 70  | MBh     | 31.1                        | 32.2 | 35.3 | -    | 30.4 | 31.5 | 34.5 | -    | 29.6 | 30.7 | 33.7 | -    | 28.9 | 30.0 | 32.8 | -    | 27.5 | 28.5 | 31.2 | -    | 25.4 | 26.4 | 28.9 | -    |
|     | S/T     | 0.70                        | 0.58 | 0.40 | -    | 0.72 | 0.60 | 0.42 | -    | 0.74 | 0.62 | 0.43 | -    | 0.76 | 0.64 | 0.44 | -    | 0.79 | 0.66 | 0.46 | -    | 0.80 | 0.67 | 0.46 | -    |
|     | ΔT      | 19                          | 16   | 12   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 19   | 16   | 13   | -    | 18   | 15   | 12   | -    |
|     | kW      | 2.42                        | 2.47 | 2.54 | -    | 2.60 | 2.65 | 2.73 | -    | 2.75 | 2.81 | 2.89 | -    | 2.88 | 2.94 | 3.04 | -    | 3.00 | 3.06 | 3.16 | -    | 3.10 | 3.16 | 3.26 | -    |
|     | Amps    | 6.1                         | 6.3  | 6.5  | -    | 6.6  | 6.7  | 7.0  | -    | 7.1  | 7.3  | 7.5  | -    | 7.6  | 7.8  | 8.0  | -    | 8.1  | 8.3  | 8.5  | -    | 8.5  | 8.7  | 9.0  | -    |
| 70  | HI PR   | 224                         | 242  | 255  | -    | 252  | 271  | 286  | -    | 286  | 308  | 326  | -    | 326  | 351  | 371  | -    | 367  | 395  | 417  | -    | 406  | 436  | 461  | -    |
|     | LO PR   | 103                         | 109  | 120  | -    | 109  | 116  | 126  | -    | 113  | 120  | 131  | -    | 119  | 126  | 138  | -    | 124  | 132  | 144  | -    | 129  | 137  | 149  | -    |
|     | MBh     | 33.7                        | 34.9 | 38.2 | -    | 32.9 | 34.1 | 37.4 | -    | 32.1 | 33.3 | 36.5 | -    | 31.3 | 32.5 | 35.6 | -    | 29.8 | 30.8 | 33.8 | -    | 27.6 | 28.6 | 31.3 | -    |
|     | S/T     | 0.72                        | 0.60 | 0.42 | -    | 0.75 | 0.62 | 0.43 | -    | 0.77 | 0.64 | 0.44 | -    | 0.79 | 0.66 | 0.46 | -    | 0.82 | 0.69 | 0.48 | -    | 0.83 | 0.69 | 0.48 | -    |
|     | ΔT      | 19                          | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 17   | 15   | 11   | -    |
| 70  | kW      | 2.48                        | 2.53 | 2.60 | -    | 2.66 | 2.71 | 2.79 | -    | 2.81 | 2.87 | 2.96 | -    | 2.95 | 3.02 | 3.11 | -    | 3.07 | 3.14 | 3.24 | -    | 3.17 | 3.24 | 3.34 | -    |
|     | Amps    | 6.3                         | 6.4  | 6.6  | -    | 6.8  | 6.9  | 7.1  | -    | 7.3  | 7.5  | 7.7  | -    | 7.8  | 8.0  | 8.3  | -    | 8.3  | 8.5  | 8.8  | -    | 8.8  | 9.0  | 9.3  | -    |
|     | HI PR   | 231                         | 249  | 263  | -    | 260  | 279  | 295  | -    | 295  | 318  | 336  | -    | 336  | 362  | 382  | -    | 378  | 407  | 430  | -    | 418  | 450  | 475  | -    |
|     | LO PR   | 106                         | 113  | 123  | -    | 112  | 119  | 130  | -    | 116  | 124  | 135  | -    | 122  | 130  | 142  | -    | 128  | 136  | 149  | -    | 133  | 141  | 154  | -    |
|     | MBh     | 34.7                        | 36.0 | 39.4 | -    | 33.9 | 35.1 | 38.5 | -    | 33.1 | 34.3 | 37.6 | -    | 32.3 | 33.4 | 36.6 | -    | 30.7 | 31.8 | 34.8 | -    | 28.4 | 29.4 | 32.2 | -    |
| 70  | S/T     | 0.76                        | 0.63 | 0.44 | -    | 0.78 | 0.65 | 0.45 | -    | 0.80 | 0.67 | 0.47 | -    | 0.83 | 0.69 | 0.48 | -    | 0.86 | 0.72 | 0.50 | -    | 0.87 | 0.73 | 0.50 | -    |
|     | ΔT      | 18                          | 15   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 17   | 15   | 11   | -    |
|     | kW      | 2.50                        | 2.55 | 2.62 | -    | 2.68 | 2.73 | 2.81 | -    | 2.84 | 2.90 | 2.98 | -    | 2.98 | 3.04 | 3.13 | -    | 3.10 | 3.16 | 3.26 | -    | 3.20 | 3.27 | 3.37 | -    |
|     | Amps    | 6.3                         | 6.5  | 6.7  | -    | 6.8  | 7.0  | 7.2  | -    | 7.4  | 7.6  | 7.8  | -    | 7.9  | 8.1  | 8.3  | -    | 8.4  | 8.6  | 8.9  | -    | 8.9  | 9.1  | 9.4  | -    |
|     | HI PR   | 234                         | 252  | 266  | -    | 262  | 282  | 298  | -    | 298  | 321  | 339  | -    | 340  | 366  | 386  | -    | 382  | 411  | 434  | -    | 422  | 454  | 480  | -    |
|     | LO PR   | 107                         | 114  | 124  | -    | 113  | 120  | 131  | -    | 118  | 125  | 137  | -    | 124  | 131  | 144  | -    | 130  | 138  | 150  | -    | 134  | 143  | 156  | -    |
| 75  | MBh     | 31.6                        | 32.5 | 35.2 | 37.8 | 30.9 | 31.8 | 34.4 | 36.9 | 30.1 | 31.0 | 33.6 | 36.1 | 29.4 | 30.3 | 32.8 | 35.2 | 27.9 | 28.8 | 31.1 | 33.4 | 25.9 | 26.6 | 28.8 | 31.0 |
|     | S/T     | 0.79                        | 0.71 | 0.54 | 0.34 | 0.82 | 0.73 | 0.55 | 0.36 | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.91 | 0.81 | 0.61 | 0.40 |
|     | ΔT      | 22                          | 20   | 17   | 11   | 22   | 20   | 17   | 12   | 22   | 20   | 17   | 12   | 22   | 20   | 17   | 11   | 22   | 20   | 17   | 11   | 21   | 19   | 16   | 11   |
|     | kW      | 2.44                        | 2.49 | 2.56 | 2.64 | 2.62 | 2.67 | 2.75 | 2.83 | 2.77 | 2.83 | 2.91 | 3.01 | 2.91 | 2.97 | 3.06 | 3.16 | 3.02 | 3.09 | 3.18 | 3.29 | 3.12 | 3.19 | 3.29 | 3.40 |
|     | Amps    | 6.2                         | 6.3  | 6.5  | 6.7  | 6.6  | 6.8  | 7.0  | 7.3  | 7.2  | 7.4  | 7.6  | 7.9  | 7.7  | 7.9  | 8.1  | 8.4  | 8.2  | 8.3  | 8.6  | 8.9  | 8.6  | 8.8  | 9.1  | 9.5  |
| 75  | HI PR   | 227                         | 244  | 258  | 269  | 254  | 274  | 289  | 302  | 289  | 311  | 329  | 343  | 330  | 355  | 375  | 391  | 371  | 399  | 421  | 439  | 410  | 441  | 466  | 486  |
|     | LO PR   | 104                         | 111  | 121  | 129  | 110  | 117  | 128  | 136  | 114  | 121  | 133  | 141  | 120  | 128  | 139  | 148  | 126  | 134  | 146  | 155  | 130  | 138  | 151  | 161  |
|     | MBh     | 34.2                        | 35.3 | 38.2 | 41.0 | 33.5 | 34.4 | 37.3 | 40.0 | 32.7 | 33.6 | 36.4 | 39.1 | 31.9 | 32.8 | 35.5 | 38.1 | 30.3 | 31.2 | 33.7 | 36.2 | 28.0 | 28.9 | 31.2 | 33.5 |
|     | S/T     | 0.82                        | 0.73 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.41 | 0.94 | 0.84 | 0.64 | 0.41 |
|     | ΔT      | 22                          | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 17   | 11   | 22   | 20   | 16   | 11   | 20   | 19   | 15   | 11   |
| 75  | kW      | 2.50                        | 2.55 | 2.62 | 2.70 | 2.68 | 2.73 | 2.82 | 2.90 | 2.84 | 2.90 | 2.98 | 3.08 | 2.98 | 3.04 | 3.13 | 3.23 | 3.10 | 3.16 | 3.26 | 3.37 | 3.20 | 3.27 | 3.37 | 3.48 |
|     | Amps    | 6.3                         | 6.5  | 6.7  | 6.9  | 6.8  | 7.0  | 7.2  | 7.5  | 7.4  | 7.6  | 7.8  | 8.1  | 7.9  | 8.1  | 8.3  | 8.6  | 8.4  | 8.6  | 8.9  | 9.2  | 8.9  | 9.1  | 9.4  | 9.7  |
|     | HI PR   | 234                         | 252  | 266  | 277  | 262  | 282  | 298  | 311  | 298  | 321  | 339  | 354  | 340  | 366  | 386  | 403  | 382  | 411  | 434  | 453  | 422  | 454  | 480  | 501  |
|     | LO PR   | 107                         | 114  | 124  | 133  | 113  | 120  | 131  | 140  | 118  | 125  | 137  | 146  | 124  | 131  | 144  | 153  | 130  | 138  | 150  | 160  | 134  | 143  | 156  | 166  |
|     | MBh     | 35.3                        | 36.3 | 39.3 | 42.2 | 34.5 | 35.5 | 38.4 | 41.2 | 33.6 | 34.6 | 37.5 | 40.2 | 32.8 | 33.8 | 36.6 | 39.3 | 31.2 | 32.1 | 34.7 | 37.3 | 28.9 | 29.7 | 32.2 | 34.5 |
| 75  | S/T     | 0.86                        | 0.77 | 0.58 | 0.37 | 0.89 | 0.80 | 0.60 | 0.39 | 0.91 | 0.82 | 0.62 | 0.40 | 0.94 | 0.84 | 0.64 | 0.41 | 0.98 | 0.88 | 0.66 | 0.43 | 0.99 | 0.88 | 0.67 | 0.43 |
|     | ΔT      | 21                          | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 19   | 18   | 15   | 10   |
|     | kW      | 2.52                        | 2.57 | 2.64 | 2.72 | 2.70 | 2.75 | 2.84 | 2.92 | 2.86 | 2.92 | 3.01 | 3.10 | 3.00 | 3.06 | 3.16 | 3.26 | 3.12 | 3.19 | 3.29 | 3.39 | 3.23 | 3.29 | 3.40 | 3.51 |
|     | Amps    | 6.4                         | 6.5  | 6.7  | 7.0  | 6.9  | 7.0  | 7.3  | 7.5  | 7.5  | 7.6  | 7.9  | 8.2  | 8.0  | 8.1  | 8.4  | 8.7  | 8.5  | 8.7  | 8.9  | 9.3  | 8.9  | 9.2  | 9.5  | 9.8  |
|     | HI PR   | 236                         | 254  | 268  | 280  | 265  | 285  | 301  | 314  | 301  | 324  | 342  | 357  | 343  | 369  | 390  | 407  | 386  | 415  | 439  | 458  | 427  | 459  | 485  | 506  |
|     | LO PR   | 108                         | 115  | 126  | 134  | 114  | 122  | 133  | 141  | 119  | 126  | 138  | 147  | 125  | 133  | 145  | 154  | 131  | 139  | 152  | 162  | 135  | 144  | 157  | 167  |

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

Shaded area is ACCA (TVA) conditions.

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

|      |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      |         | 65                          |      |      |      | 75   |      |      |      | 85   |      |      |      | 95   |      |      |      | 105  |      |      |      | 115  |      |      |      |
| 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   |
| 80   | MBh     | 32.2                        | 32.9 | 35.1 | 37.5 | 31.4 | 32.1 | 34.3 | 36.7 | 30.7 | 31.3 | 33.5 | 35.8 | 29.9 | 30.6 | 32.7 | 34.9 | 28.4 | 29.1 | 31.0 | 33.2 | 26.3 | 26.9 | 28.8 | 30.7 |
|      | S/T     | 0.87                        | 0.81 | 0.66 | 0.49 | 0.90 | 0.84 | 0.69 | 0.51 | 0.92 | 0.86 | 0.70 | 0.53 | 0.95 | 0.89 | 0.73 | 0.54 | 0.99 | 0.93 | 0.75 | 0.56 | 1.00 | 0.93 | 0.76 | 0.57 |
|      | ΔT      | 24                          | 23   | 20   | 16   | 25   | 24   | 21   | 16   | 25   | 24   | 21   | 16   | 25   | 24   | 21   | 17   | 25   | 24   | 20   | 16   | 23   | 22   | 19   | 15   |
|      | kW      | 2.46                        | 2.51 | 2.58 | 2.66 | 2.64 | 2.69 | 2.77 | 2.86 | 2.79 | 2.85 | 2.94 | 3.03 | 2.93 | 2.99 | 3.08 | 3.18 | 3.05 | 3.11 | 3.21 | 3.31 | 3.15 | 3.21 | 3.32 | 3.42 |
|      | Amps    | 6.2                         | 6.4  | 6.6  | 6.8  | 6.7  | 6.9  | 7.1  | 7.3  | 7.3  | 7.4  | 7.7  | 8.0  | 7.7  | 7.9  | 8.2  | 8.5  | 8.2  | 8.4  | 8.7  | 9.0  | 8.7  | 8.9  | 9.2  | 9.5  |
|      | HI PR   | 229                         | 246  | 260  | 271  | 257  | 277  | 292  | 305  | 292  | 315  | 332  | 346  | 333  | 358  | 378  | 395  | 375  | 403  | 426  | 444  | 414  | 445  | 470  | 490  |
|      | LO PR   | 105                         | 112  | 122  | 130  | 111  | 118  | 129  | 137  | 115  | 123  | 134  | 143  | 121  | 129  | 141  | 150  | 127  | 135  | 147  | 157  | 131  | 140  | 152  | 162  |
| 80   | MBh     | 34.9                        | 35.6 | 38.1 | 40.7 | 34.0 | 34.8 | 37.2 | 39.7 | 33.2 | 34.0 | 36.3 | 38.8 | 32.4 | 33.1 | 35.4 | 37.8 | 30.8 | 31.5 | 33.6 | 36.0 | 28.5 | 29.2 | 31.2 | 33.3 |
|      | S/T     | 0.90                        | 0.84 | 0.69 | 0.51 | 0.93 | 0.87 | 0.71 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 0.99 | 0.93 | 0.75 | 0.56 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 0.97 | 0.79 | 0.59 |
|      | ΔT      | 24                          | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 25   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 22   | 22   | 19   | 15   |
|      | kW      | 2.52                        | 2.57 | 2.64 | 2.72 | 2.70 | 2.75 | 2.84 | 2.93 | 2.86 | 2.92 | 3.01 | 3.10 | 3.00 | 3.06 | 3.16 | 3.26 | 3.12 | 3.19 | 3.29 | 3.39 | 3.23 | 3.29 | 3.40 | 3.51 |
|      | Amps    | 6.4                         | 6.5  | 6.7  | 7.0  | 6.9  | 7.0  | 7.3  | 7.5  | 7.5  | 7.6  | 7.9  | 8.2  | 8.0  | 8.1  | 8.4  | 8.7  | 8.5  | 8.7  | 8.9  | 9.3  | 8.9  | 9.2  | 9.5  | 9.8  |
|      | HI PR   | 236                         | 254  | 268  | 280  | 265  | 285  | 301  | 314  | 301  | 324  | 342  | 357  | 343  | 369  | 390  | 407  | 386  | 415  | 439  | 458  | 427  | 459  | 485  | 506  |
|      | LO PR   | 108                         | 115  | 126  | 134  | 114  | 122  | 133  | 141  | 119  | 126  | 138  | 147  | 125  | 133  | 145  | 154  | 131  | 139  | 152  | 162  | 135  | 144  | 157  | 167  |
| 1350 | MBh     | 35.9                        | 36.7 | 39.2 | 41.9 | 35.1 | 35.8 | 38.3 | 40.9 | 34.2 | 35.0 | 37.4 | 40.0 | 33.4 | 34.1 | 36.5 | 39.0 | 31.7 | 32.4 | 34.6 | 37.0 | 29.4 | 30.0 | 32.1 | 34.3 |
|      | S/T     | 0.94                        | 0.88 | 0.72 | 0.54 | 1.00 | 0.92 | 0.75 | 0.56 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.97 | 0.79 | 0.59 | 1.00 | 1.00 | 0.82 | 0.61 | 1.00 | 1.00 | 0.83 | 0.62 |
|      | ΔT      | 23                          | 22   | 19   | 15   | 24   | 22   | 19   | 16   | 23   | 22   | 19   | 16   | 23   | 23   | 20   | 16   | 22   | 22   | 19   | 15   | 20   | 20   | 18   | 14   |
|      | kW      | 2.54                        | 2.59 | 2.66 | 2.74 | 2.72 | 2.77 | 2.86 | 2.95 | 2.88 | 2.94 | 3.03 | 3.13 | 3.02 | 3.09 | 3.19 | 3.29 | 3.15 | 3.21 | 3.32 | 3.42 | 3.25 | 3.32 | 3.43 | 3.54 |
|      | Amps    | 6.4                         | 6.6  | 6.8  | 7.0  | 6.9  | 7.1  | 7.3  | 7.6  | 7.5  | 7.7  | 8.0  | 8.2  | 8.0  | 8.2  | 8.5  | 8.8  | 8.5  | 8.7  | 9.0  | 9.4  | 9.0  | 9.2  | 9.5  | 9.9  |
|      | HI PR   | 238                         | 257  | 271  | 283  | 268  | 288  | 304  | 317  | 304  | 328  | 346  | 361  | 347  | 373  | 394  | 411  | 390  | 420  | 443  | 462  | 431  | 464  | 490  | 511  |
|      | LO PR   | 109                         | 116  | 127  | 135  | 116  | 123  | 134  | 143  | 120  | 128  | 139  | 148  | 126  | 134  | 146  | 156  | 132  | 141  | 153  | 163  | 137  | 145  | 159  | 169  |

|      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85   | MBh   | 32.7 | 33.4 | 34.9 | 37.3 | 32.0 | 32.6 | 34.1 | 36.4 | 31.2 | 31.8 | 33.3 | 35.6 | 30.5 | 31.0 | 32.5 | 34.7 | 28.9 | 29.5 | 30.9 | 33.0 | 26.8 | 27.3 | 28.6 | 30.5 |
|      | S/T   | 0.91 | 0.88 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.67 | 0.97 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.70 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.91 | 0.74 |
|      | ΔT    | 26   | 26   | 24   | 21   | 26   | 26   | 25   | 21   | 26   | 26   | 25   | 21   | 27   | 26   | 25   | 21   | 25   | 26   | 24   | 21   | 23   | 24   | 23   | 20   |
|      | kW    | 2.48 | 2.53 | 2.60 | 2.68 | 2.66 | 2.71 | 2.79 | 2.88 | 2.81 | 2.87 | 2.96 | 3.05 | 2.95 | 3.01 | 3.11 | 3.21 | 3.07 | 3.14 | 3.23 | 3.34 | 3.17 | 3.24 | 3.34 | 3.45 |
|      | Amps  | 6.3  | 6.4  | 6.6  | 6.9  | 6.8  | 6.9  | 7.1  | 7.4  | 7.3  | 7.5  | 7.7  | 8.0  | 7.8  | 8.0  | 8.3  | 8.6  | 8.3  | 8.5  | 8.8  | 9.1  | 8.8  | 9.0  | 9.3  | 9.6  |
|      | HI PR | 231  | 249  | 263  | 274  | 260  | 279  | 295  | 308  | 295  | 318  | 335  | 350  | 336  | 362  | 382  | 399  | 378  | 407  | 430  | 448  | 418  | 450  | 475  | 495  |
| 1200 | LO PR | 106  | 113  | 123  | 131  | 112  | 119  | 130  | 139  | 116  | 124  | 135  | 144  | 122  | 130  | 142  | 151  | 128  | 136  | 149  | 159  | 133  | 141  | 154  | 164  |
|      | MBh   | 35.5 | 36.2 | 37.9 | 40.4 | 34.6 | 35.3 | 37.0 | 39.5 | 33.8 | 34.5 | 36.1 | 38.5 | 33.0 | 33.6 | 35.2 | 37.6 | 31.3 | 31.9 | 33.5 | 35.7 | 29.0 | 29.6 | 31.0 | 33.1 |
|      | S/T   | 0.94 | 0.91 | 0.82 | 0.67 | 0.98 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.76 | 1.00 | 1.00 | 0.94 | 0.76 |
|      | ΔT    | 26   | 25   | 24   | 21   | 26   | 26   | 24   | 21   | 26   | 26   | 24   | 21   | 25   | 26   | 24   | 21   | 24   | 24   | 24   | 21   | 22   | 23   | 22   | 19   |
|      | kW    | 2.54 | 2.59 | 2.66 | 2.74 | 2.72 | 2.77 | 2.86 | 2.95 | 2.88 | 2.94 | 3.03 | 3.13 | 3.02 | 3.09 | 3.19 | 3.29 | 3.15 | 3.21 | 3.32 | 3.42 | 3.25 | 3.32 | 3.43 | 3.54 |
|      | Amps  | 6.4  | 6.6  | 6.8  | 7.0  | 6.9  | 7.1  | 7.3  | 7.6  | 7.5  | 7.7  | 8.0  | 8.2  | 8.0  | 8.2  | 8.5  | 8.8  | 8.5  | 8.7  | 9.0  | 9.4  | 9.0  | 9.2  | 9.5  | 9.9  |
| 1350 | HI PR | 238  | 257  | 271  | 283  | 268  | 288  | 304  | 317  | 304  | 328  | 346  | 361  | 347  | 373  | 394  | 411  | 390  | 420  | 443  | 462  | 431  | 464  | 490  | 511  |
|      | LO PR | 109  | 116  | 127  | 135  | 116  | 123  | 134  | 143  | 120  | 128  | 139  | 148  | 126  | 134  | 146  | 156  | 132  | 141  | 153  | 163  | 137  | 145  | 159  | 169  |
|      | MBh   | 36.5 | 37.2 | 39.0 | 41.6 | 35.7 | 36.4 | 38.1 | 40.6 | 34.8 | 35.5 | 37.2 | 39.7 | 34.0 | 34.6 | 36.3 | 38.7 | 32.3 | 32.9 | 34.5 | 36.8 | 29.9 | 30.5 | 31.9 | 34.1 |
|      | S/T   | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.77 | 1.00 | 1.00 | 0.98 | 0.80 | 1.00 | 1.00 | 0.99 | 0.80 |
|      | ΔT    | 25   | 24   | 23   | 20   | 24   | 24   | 23   | 20   | 24   | 24   | 23   | 20   | 23   | 24   | 23   | 20   | 22   | 22   | 23   | 20   | 20   | 21   | 21   | 19   |
|      | kW    | 2.55 | 2.61 | 2.68 | 2.76 | 2.74 | 2.80 | 2.88 | 2.97 | 2.90 | 2.96 | 3.06 | 3.15 | 3.05 | 3.11 | 3.21 | 3.31 | 3.17 | 3.24 | 3.34 | 3.45 | 3.28 | 3.35 | 3.46 | 3.57 |
| 1350 | Amps  | 6.5  | 6.7  | 6.9  | 7.1  | 7.0  | 7.2  | 7.4  | 7.7  | 7.6  | 7.8  | 8.0  | 8.3  | 8.1  | 8.3  | 8.6  | 8.9  | 8.6  | 8.8  | 9.1  | 9.4  | 9.1  | 9.3  | 9.6  | 10.0 |
|      | HI PR | 241  | 259  | 274  | 285  | 270  | 291  | 307  | 320  | 307  | 331  | 349  | 364  | 350  | 377  | 398  | 415  | 394  | 424  | 448  | 467  | 435  | 468  | 495  | 516  |
|      | LO PR | 110  | 117  | 128  | 137  | 117  | 124  | 135  | 144  | 121  | 129  | 141  | 150  | 127  | 135  | 148  | 158  | 133  | 142  | 155  | 165  | 138  | 147  | 160  | 171  |

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

Shaded area is AHRI conditions.

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

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SS-DX13SC

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

|       |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       |         | 65                          |      |      |      |      | 75   |      |      |      |      | 85   |      |      |      |      | 95   |      |      |      |      | 105  |      |      |      |      | 115  |      |      |      |      |      |      |      |
| 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   |      |
| 80    | 1400    | MBh                         | 41.8 | 42.7 | 45.6 | 48.8 | 40.8 | 41.7 | 44.6 | 47.7 | 39.9 | 40.7 | 43.5 | 46.5 | 38.9 | 39.7 | 42.5 | 45.4 | 36.9 | 37.8 | 40.3 | 43.1 | 34.2 | 35.0 | 37.4 | 39.9 | 1.01 | 0.94 | 0.77 | 0.57 | 1.01 | 0.95 | 0.77 | 0.58 |
|       |         | S/T                         | 0.88 | 0.83 | 0.67 | 0.50 | 0.92 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.01 | 0.94 | 0.77 | 0.57 | 1.01 | 0.95 | 0.77 | 0.58 | 1.01 | 0.94 | 0.77 | 0.57 | 1.01 | 0.95 | 0.77 | 0.58 |
|       |         | ΔT                          | 24   | 23   | 20   | 16   | 25   | 24   | 20   | 16   | 25   | 24   | 20   | 16   | 25   | 24   | 21   | 16   | 24   | 23   | 20   | 16   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   |
|       |         | kW                          | 3.20 | 3.26 | 3.35 | 3.45 | 3.42 | 3.48 | 3.58 | 3.69 | 3.61 | 3.68 | 3.79 | 3.91 | 3.78 | 3.86 | 3.97 | 4.10 | 3.93 | 4.01 | 4.13 | 4.26 | 4.05 | 4.14 | 4.26 | 4.40 | 4.05 | 4.14 | 4.26 | 4.40 | 4.05 | 4.14 | 4.26 | 4.40 |
|       |         | Amps                        | 7.0  | 7.1  | 7.3  | 7.6  | 7.5  | 7.6  | 7.9  | 8.1  | 8.0  | 8.2  | 8.5  | 8.7  | 8.5  | 8.7  | 9.0  | 9.3  | 9.0  | 9.2  | 9.5  | 9.8  | 9.5  | 9.7  | 10.0 | 10.4 | 9.5  | 9.7  | 10.0 | 10.4 | 9.5  | 9.7  | 10.0 | 10.4 |
|       |         | Hi PR                       | 223  | 240  | 254  | 265  | 250  | 269  | 285  | 297  | 285  | 306  | 324  | 338  | 324  | 349  | 369  | 384  | 365  | 393  | 415  | 433  | 403  | 434  | 458  | 478  | 403  | 434  | 458  | 478  | 403  | 434  | 458  | 478  |
|       | LO PR   | 106                         | 113  | 124  | 132  | 112  | 120  | 131  | 139  | 117  | 124  | 136  | 145  | 123  | 131  | 143  | 152  | 129  | 137  | 149  | 159  | 133  | 142  | 155  | 165  | 133  | 142  | 155  | 165  | 133  | 142  | 155  | 165  |      |
|       | 1600    | MBh                         | 45.3 | 46.3 | 49.5 | 52.9 | 44.2 | 45.2 | 48.3 | 51.6 | 43.2 | 44.1 | 47.2 | 50.4 | 42.1 | 43.1 | 46.0 | 49.2 | 40.0 | 40.9 | 43.7 | 46.7 | 37.1 | 37.9 | 40.5 | 43.3 | 37.1 | 37.9 | 40.5 | 43.3 | 37.1 | 37.9 | 40.5 | 43.3 |
|       |         | S/T                         | 0.92 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.56 | 1.00 | 0.94 | 0.77 | 0.57 | 1.00 | 0.98 | 0.80 | 0.60 | 1.00 | 0.99 | 0.80 | 0.60 | 1.00 | 0.99 | 0.80 | 0.60 | 1.00 | 0.99 | 0.80 | 0.60 |
|       |         | ΔT                          | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 23   | 23   | 20   | 16   | 21   | 21   | 19   | 15   | 21   | 21   | 19   | 15   | 21   | 21   | 19   | 15   |
| kW    |         | 3.27                        | 3.33 | 3.42 | 3.52 | 3.49 | 3.56 | 3.67 | 3.78 | 3.69 | 3.77 | 3.88 | 4.00 | 3.87 | 3.95 | 4.07 | 4.20 | 4.02 | 4.10 | 4.23 | 4.36 | 4.15 | 4.24 | 4.37 | 4.51 | 4.15 | 4.24 | 4.37 | 4.51 | 4.15 | 4.24 | 4.37 | 4.51 |      |
| Amps  |         | 7.2                         | 7.3  | 7.5  | 7.8  | 7.7  | 7.8  | 8.1  | 8.3  | 8.2  | 8.4  | 8.7  | 9.0  | 8.8  | 8.9  | 9.2  | 9.5  | 9.3  | 9.5  | 9.8  | 10.1 | 9.8  | 10.0 | 10.3 | 10.7 | 9.8  | 10.0 | 10.3 | 10.7 | 9.8  | 10.0 | 10.3 | 10.7 |      |
| Hi PR |         | 230                         | 248  | 261  | 273  | 258  | 278  | 293  | 306  | 294  | 316  | 334  | 348  | 334  | 360  | 380  | 396  | 376  | 405  | 428  | 446  | 416  | 447  | 472  | 493  | 416  | 447  | 472  | 493  | 416  | 447  | 472  | 493  |      |
| LO PR | 110     | 117                         | 127  | 136  | 116  | 123  | 135  | 143  | 120  | 128  | 140  | 149  | 127  | 135  | 147  | 157  | 133  | 141  | 154  | 164  | 137  | 146  | 159  | 170  | 137  | 146  | 159  | 170  | 137  | 146  | 159  | 170  |      |      |
| 1800  | MBh     | 46.7                        | 47.7 | 50.9 | 54.4 | 45.6 | 46.6 | 49.7 | 53.2 | 44.5 | 45.5 | 48.6 | 51.9 | 43.4 | 44.3 | 47.4 | 50.6 | 41.2 | 42.1 | 45.0 | 48.1 | 38.2 | 39.0 | 41.7 | 44.6 | 38.2 | 39.0 | 41.7 | 44.6 | 38.2 | 39.0 | 41.7 | 44.6 |      |
|       | S/T     | 0.96                        | 0.90 | 0.73 | 0.55 | 1.00 | 0.93 | 0.76 | 0.57 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 1.00 | 0.80 | 0.60 | 1.00 | 1.00 | 0.83 | 0.62 | 1.00 | 1.00 | 0.84 | 0.63 | 1.00 | 1.00 | 0.84 | 0.63 | 1.00 | 1.00 | 0.84 | 0.63 |      |
|       | ΔT      | 23                          | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 22   | 23   | 19   | 16   | 21   | 22   | 19   | 15   | 20   | 20   | 18   | 14   | 20   | 20   | 18   | 14   | 20   | 20   | 18   | 14   |      |
|       | kW      | 3.29                        | 3.35 | 3.45 | 3.55 | 3.52 | 3.59 | 3.69 | 3.80 | 3.72 | 3.80 | 3.91 | 4.03 | 3.90 | 3.98 | 4.10 | 4.23 | 4.05 | 4.14 | 4.26 | 4.40 | 4.18 | 4.27 | 4.40 | 4.54 | 4.18 | 4.27 | 4.40 | 4.54 | 4.18 | 4.27 | 4.40 | 4.54 |      |
|       | Amps    | 7.2                         | 7.4  | 7.6  | 7.8  | 7.7  | 7.9  | 8.1  | 8.4  | 8.3  | 8.5  | 8.8  | 9.0  | 8.8  | 9.0  | 9.3  | 9.6  | 9.3  | 9.6  | 9.8  | 10.2 | 9.8  | 10.1 | 10.4 | 10.7 | 9.8  | 10.1 | 10.4 | 10.7 | 9.8  | 10.1 | 10.4 | 10.7 |      |
|       | Hi PR   | 232                         | 250  | 264  | 275  | 261  | 281  | 296  | 309  | 297  | 319  | 337  | 351  | 338  | 363  | 384  | 400  | 380  | 409  | 432  | 450  | 420  | 452  | 477  | 498  | 420  | 452  | 477  | 498  | 420  | 452  | 477  | 498  |      |
| LO PR | 111     | 118                         | 129  | 137  | 117  | 125  | 136  | 145  | 122  | 129  | 141  | 151  | 128  | 136  | 148  | 158  | 134  | 143  | 156  | 166  | 139  | 147  | 161  | 171  | 139  | 147  | 161  | 171  | 139  | 147  | 161  | 171  |      |      |
| 85    | 1400    | MBh                         | 42.5 | 43.4 | 45.4 | 48.5 | 41.5 | 42.4 | 44.4 | 47.3 | 40.6 | 41.3 | 43.3 | 46.2 | 39.6 | 40.3 | 42.2 | 45.1 | 37.6 | 38.3 | 40.1 | 42.8 | 34.8 | 35.5 | 37.2 | 39.7 | 37.6 | 38.3 | 40.1 | 42.8 | 34.8 | 35.5 | 37.2 | 39.7 |
|       |         | S/T                         | 0.93 | 0.89 | 0.81 | 0.65 | 0.96 | 0.93 | 0.84 | 0.68 | 0.98 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.88 | 0.72 | 1.00 | 1.00 | 0.92 | 0.74 | 1.00 | 1.00 | 0.93 | 0.75 | 1.00 | 1.00 | 0.92 | 0.74 | 1.00 | 1.00 | 0.93 | 0.75 |
|       |         | ΔT                          | 26   | 25   | 24   | 21   | 26   | 26   | 24   | 21   | 26   | 26   | 24   | 21   | 26   | 26   | 25   | 21   | 25   | 25   | 24   | 21   | 23   | 23   | 23   | 20   | 25   | 25   | 24   | 21   | 22   | 22   | 22   | 19   |
|       |         | kW                          | 3.22 | 3.28 | 3.37 | 3.47 | 3.44 | 3.51 | 3.61 | 3.72 | 3.64 | 3.71 | 3.82 | 3.94 | 3.81 | 3.89 | 4.01 | 4.13 | 3.96 | 4.04 | 4.16 | 4.29 | 4.09 | 4.17 | 4.30 | 4.43 | 4.09 | 4.17 | 4.30 | 4.43 | 4.09 | 4.17 | 4.30 | 4.43 |
|       |         | Amps                        | 7.0  | 7.2  | 7.4  | 7.6  | 7.5  | 7.7  | 7.9  | 8.2  | 8.1  | 8.3  | 8.5  | 8.8  | 8.6  | 8.8  | 9.1  | 9.4  | 9.1  | 9.3  | 9.6  | 9.9  | 9.6  | 9.8  | 10.1 | 10.5 | 9.6  | 9.8  | 10.1 | 10.5 | 9.6  | 9.8  | 10.1 | 10.5 |
|       |         | Hi PR                       | 225  | 243  | 256  | 267  | 253  | 272  | 287  | 300  | 288  | 310  | 327  | 341  | 328  | 353  | 372  | 388  | 369  | 397  | 419  | 437  | 407  | 438  | 463  | 483  | 407  | 438  | 463  | 483  | 407  | 438  | 463  | 483  |
|       | LO PR   | 108                         | 114  | 125  | 133  | 114  | 121  | 132  | 140  | 118  | 126  | 137  | 146  | 124  | 132  | 144  | 153  | 130  | 138  | 151  | 161  | 134  | 143  | 156  | 166  | 134  | 143  | 156  | 166  | 134  | 143  | 156  | 166  |      |
|       | 1600    | MBh                         | 46.1 | 47.0 | 49.2 | 52.5 | 45.0 | 45.9 | 48.1 | 51.3 | 43.9 | 44.8 | 46.9 | 50.1 | 42.9 | 43.7 | 45.8 | 48.8 | 40.7 | 41.5 | 43.5 | 46.4 | 37.7 | 38.5 | 40.3 | 43.0 | 40.7 | 41.5 | 43.5 | 46.4 | 37.7 | 38.5 | 40.3 | 43.0 |
|       |         | S/T                         | 0.96 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.74 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.96 | 0.78 |
|       |         | ΔT                          | 25   | 25   | 24   | 20   | 26   | 25   | 24   | 21   | 25   | 25   | 24   | 21   | 25   | 25   | 24   | 21   | 23   | 24   | 24   | 21   | 22   | 22   | 22   | 19   | 23   | 24   | 24   | 21   | 22   | 22   | 22   | 19   |
| kW    |         | 3.29                        | 3.35 | 3.45 | 3.55 | 3.52 | 3.59 | 3.69 | 3.80 | 3.72 | 3.80 | 3.91 | 4.03 | 3.90 | 3.98 | 4.10 | 4.23 | 4.05 | 4.14 | 4.26 | 4.40 | 4.18 | 4.27 | 4.40 | 4.54 | 4.18 | 4.27 | 4.40 | 4.54 | 4.18 | 4.27 | 4.40 | 4.54 |      |
| Amps  |         | 7.2                         | 7.4  | 7.6  | 7.8  | 7.7  | 7.9  | 8.1  | 8.4  | 8.3  | 8.5  | 8.8  | 9.0  | 8.8  | 9.0  | 9.3  | 9.6  | 9.3  | 9.6  | 9.8  | 10.2 | 9.8  | 10.1 | 10.4 | 10.7 | 9.8  | 10.1 | 10.4 | 10.7 | 9.8  | 10.1 | 10.4 | 10.7 |      |
| Hi PR |         | 232                         | 250  | 264  | 275  | 261  | 281  | 296  | 309  | 297  | 319  | 337  | 351  | 338  | 363  | 384  | 400  | 380  | 409  | 432  | 450  | 420  | 452  | 477  | 498  | 420  | 452  | 477  | 498  | 420  | 452  | 477  | 498  |      |
| LO PR | 111     | 118                         | 129  | 137  | 117  | 125  | 136  | 145  | 122  | 129  | 141  | 151  | 128  | 136  | 148  | 158  | 134  | 143  | 156  | 166  | 139  | 147  | 161  | 171  | 139  | 147  | 161  | 171  | 139  | 147  | 161  | 171  |      |      |
| 1800  | MBh     | 47.5                        | 48.4 | 50.7 | 54.1 | 46.4 | 47.3 | 49.5 | 52.8 | 45.3 | 46.1 | 48.3 | 51.6 | 44.2 | 45.0 | 47.1 | 50.3 | 42.0 | 42.8 | 44.8 | 47.8 | 38.9 | 39.6 | 41.5 | 44.3 | 42.0 | 42.8 | 44.8 | 47.8 | 38.9 | 39.6 | 41.5 | 44.3 |      |
|       | S/T     | 1.00                        | 0.97 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.93 | 0.76 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.96 | 0.82 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.96 | 0.82 |      |
|       | ΔT      | 24                          | 24   | 23   | 20   | 24   | 24   | 23   | 20   | 23   | 24   | 23   | 20   | 23   | 23   | 23   | 20   | 21   | 22   | 23   | 20   | 20   | 20   | 21   | 18   | 21   | 22   | 23   | 20   | 20   | 20   |      |      |      |

| IDB   |      | AIRFLOW |      | OUTDOOR AMBIENT TEMPERATURE          |      |      |      |      |                                      |      |      |      |      |                                      |      |      |      |      |                                      |      |      |      |      |                                      |      |      |      |      |      |   |  |  |  |
|-------|------|---------|------|--------------------------------------|------|------|------|------|--------------------------------------|------|------|------|------|--------------------------------------|------|------|------|------|--------------------------------------|------|------|------|------|--------------------------------------|------|------|------|------|------|---|--|--|--|
|       |      |         |      | 65                                   |      |      |      |      | 75                                   |      |      |      |      | 85                                   |      |      |      |      | 95                                   |      |      |      |      | 105                                  |      |      |      |      | 115  |   |  |  |  |
|       |      |         |      | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |      | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |      | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |      | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |      | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |      |      |   |  |  |  |
| 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   |      |      |   |  |  |  |
| 70    | 1400 | MBh     | 40.4 | 41.9                                 | 45.9 | -    | 39.5 | 40.9 | 44.8                                 | -    | 38.5 | 39.9 | 43.7 | -                                    | 37.6 | 38.9 | 42.7 | -    | 35.7                                 | 37.0 | 40.5 | -    | 33.1 | 34.3                                 | 37.5 | -    | 33.1 | 34.3 | 37.5 | - |  |  |  |
|       |      | S/T     | 0.71 | 0.59                                 | 0.41 | -    | 0.73 | 0.61 | 0.42                                 | -    | 0.75 | 0.63 | 0.44 | -                                    | 0.78 | 0.65 | 0.45 | -    | 0.81                                 | 0.67 | 0.47 | -    | 0.81 | 0.68                                 | 0.47 | -    | 0.81 | 0.68 | 0.47 | - |  |  |  |
|       |      | ΔT      | 19   | 16                                   | 12   | -    | 19   | 16   | 12                                   | -    | 19   | 16   | 13   | -                                    | 19   | 17   | 13   | -    | 19                                   | 16   | 12   | -    | 18   | 15                                   | 12   | -    | 18   | 15   | 12   | - |  |  |  |
|       |      | kW      | 3.15 | 3.21                                 | 3.30 | -    | 3.36 | 3.43 | 3.53                                 | -    | 3.56 | 3.63 | 3.73 | -                                    | 3.72 | 3.80 | 3.91 | -    | 3.87                                 | 3.95 | 4.07 | -    | 3.99 | 4.07                                 | 4.20 | -    | 3.99 | 4.07 | 4.20 | - |  |  |  |
|       |      | Amps    | 3.7  | 3.8                                  | 3.9  | -    | 4.0  | 4.1  | 4.2                                  | -    | 4.3  | 4.4  | 4.5  | -                                    | 4.6  | 4.7  | 4.8  | -    | 4.8                                  | 4.9  | 5.1  | -    | 5.1  | 5.2                                  | 5.4  | -    | 5.1  | 5.2  | 5.4  | - |  |  |  |
|       |      | HI PR   | 219  | 235                                  | 249  | -    | 245  | 264  | 279                                  | -    | 279  | 300  | 317  | -                                    | 318  | 342  | 361  | -    | 358                                  | 385  | 406  | -    | 395  | 425                                  | 449  | -    | 395  | 425  | 449  | - |  |  |  |
| LO PR | 104  | 111     | 121  | -                                    | 110  | 117  | 128  | -    | 115                                  | 122  | 133  | -    | 120  | 128                                  | 140  | -    | 126  | 134  | 146                                  | -    | 130  | 139  | 151  | -                                    | 130  | 139  | 151  | -    |      |   |  |  |  |
| 70    | 1600 | MBh     | 43.8 | 45.4                                 | 49.7 | -    | 42.7 | 44.3 | 48.5                                 | -    | 41.7 | 43.2 | 47.4 | -                                    | 40.7 | 42.2 | 46.2 | -    | 38.7                                 | 40.1 | 43.9 | -    | 35.8 | 37.1                                 | 40.7 | -    | 35.8 | 37.1 | 40.7 | - |  |  |  |
|       |      | S/T     | 0.73 | 0.61                                 | 0.43 | -    | 0.76 | 0.64 | 0.44                                 | -    | 0.78 | 0.65 | 0.45 | -                                    | 0.81 | 0.67 | 0.47 | -    | 0.84                                 | 0.70 | 0.48 | -    | 0.84 | 0.70                                 | 0.49 | -    | 0.84 | 0.70 | 0.49 | - |  |  |  |
|       |      | ΔT      | 18   | 16                                   | 12   | -    | 19   | 16   | 12                                   | -    | 19   | 16   | 12   | -                                    | 19   | 16   | 12   | -    | 19                                   | 16   | 12   | -    | 17   | 15                                   | 11   | -    | 17   | 15   | 11   | - |  |  |  |
|       |      | kW      | 3.22 | 3.28                                 | 3.37 | -    | 3.44 | 3.51 | 3.61                                 | -    | 3.64 | 3.71 | 3.82 | -                                    | 3.81 | 3.89 | 4.01 | -    | 3.96                                 | 4.04 | 4.16 | -    | 4.09 | 4.17                                 | 4.30 | -    | 4.09 | 4.17 | 4.30 | - |  |  |  |
|       |      | Amps    | 3.8  | 3.9                                  | 4.0  | -    | 4.1  | 4.2  | 4.3                                  | -    | 4.4  | 4.5  | 4.6  | -                                    | 4.7  | 4.8  | 4.9  | -    | 4.9                                  | 5.1  | 5.2  | -    | 5.2  | 5.3                                  | 5.5  | -    | 5.2  | 5.3  | 5.5  | - |  |  |  |
|       |      | HI PR   | 225  | 243                                  | 256  | -    | 253  | 272  | 287                                  | -    | 288  | 310  | 327  | -                                    | 328  | 353  | 372  | -    | 369                                  | 397  | 419  | -    | 407  | 438                                  | 463  | -    | 407  | 438  | 463  | - |  |  |  |
| LO PR | 108  | 114     | 125  | -                                    | 114  | 121  | 132  | -    | 118                                  | 126  | 137  | -    | 124  | 132                                  | 144  | -    | 130  | 138  | 151                                  | -    | 134  | 143  | 156  | -                                    | 134  | 143  | 156  | -    |      |   |  |  |  |
| 1800  | MBh  | 45.1    | 46.7 | 51.2                                 | -    | 44.0 | 45.6 | 50.0 | -                                    | 43.0 | 44.5 | 48.8 | -    | 41.9                                 | 43.5 | 47.6 | -    | 39.8 | 41.3                                 | 45.2 | -    | 36.9 | 38.2 | 41.9                                 | -    | 36.9 | 38.2 | 41.9 | -    |   |  |  |  |
|       | S/T  | 0.77    | 0.64 | 0.45                                 | -    | 0.80 | 0.67 | 0.46 | -                                    | 0.82 | 0.68 | 0.47 | -    | 0.85                                 | 0.71 | 0.49 | -    | 0.88 | 0.73                                 | 0.51 | -    | 0.88 | 0.74 | 0.51                                 | -    | 0.88 | 0.74 | 0.51 | -    |   |  |  |  |
|       | ΔT   | 18      | 15   | 12                                   | -    | 18   | 16   | 12   | -                                    | 18   | 16   |      |      |                                      |      |      |      |      |                                      |      |      |      |      |                                      |      |      |      |      |      |   |  |  |  |

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

Shaded area is ACCA (TVA) conditions.

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

|      |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |
|------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
|      |         | 65                          |      |      |      |      | 75   |      |      |      |      | 85   |      |      |      |      | 95   |      |      |      |      | 105  |      |      |      |      | 115  |      |      |      |      |      |      |      |      |    |
| IDB  | AIRFLOW | 59                          | 63   | 67   | 71   | 75   | 59   | 63   | 67   | 71   | 75   | 59   | 63   | 67   | 71   | 75   | 59   | 63   | 67   | 71   | 75   | 59   | 63   | 67   | 71   | 75   | 59   | 63   | 67   | 71   | 75   | 59   | 63   | 67   | 71   | 75 |
| 80   | 1400    | MBh                         | 41.8 | 42.7 | 45.6 | 48.8 | 40.8 | 41.7 | 44.6 | 47.7 | 50.8 | 39.9 | 40.7 | 43.5 | 46.5 | 49.6 | 38.9 | 39.7 | 42.5 | 45.4 | 48.3 | 36.9 | 37.8 | 40.3 | 43.1 | 46.0 | 34.2 | 35.0 | 37.4 | 39.9 | 42.8 | 45.7 | 48.6 | 51.5 | 54.4 |    |
|      |         | S/T                         | 0.88 | 0.83 | 0.67 | 0.50 | 0.92 | 0.86 | 0.70 | 0.52 | 0.34 | 0.94 | 0.88 | 0.72 | 0.54 | 0.36 | 0.97 | 0.91 | 0.74 | 0.55 | 0.37 | 1.01 | 0.94 | 0.77 | 0.57 | 0.39 | 1.01 | 0.95 | 0.77 | 0.58 | 0.40 | 0.62 | 0.43 | 0.25 | 0.07 |    |
|      |         | ΔT                          | 24   | 23   | 20   | 16   | 25   | 24   | 20   | 16   | 12   | 25   | 24   | 20   | 16   | 12   | 25   | 24   | 21   | 16   | 12   | 23   | 23   | 20   | 16   | 12   | 23   | 22   | 19   | 15   | 12   | 9    | 6    | 3    | 0    |    |
|      |         | kW                          | 3.19 | 3.25 | 3.35 | 3.44 | 3.41 | 3.48 | 3.58 | 3.69 | 3.78 | 3.87 | 3.61 | 3.68 | 3.79 | 3.91 | 4.00 | 3.78 | 3.86 | 3.97 | 4.10 | 4.23 | 3.93 | 4.01 | 4.13 | 4.26 | 4.40 | 4.05 | 4.14 | 4.27 | 4.40 | 4.54 | 4.67 | 4.80 | 4.93 |    |
|      |         | Amps                        | 3.8  | 3.9  | 4.0  | 4.1  | 4.1  | 4.1  | 4.3  | 4.4  | 4.5  | 4.6  | 4.4  | 4.5  | 4.6  | 4.8  | 4.9  | 4.6  | 4.7  | 4.9  | 5.1  | 5.2  | 4.9  | 5.0  | 5.2  | 5.3  | 5.2  | 5.3  | 5.5  | 5.6  | 5.7  | 5.8  | 5.9  | 6.0  |      |    |
|      |         | Hi PR                       | 223  | 240  | 254  | 265  | 250  | 269  | 285  | 297  | 306  | 324  | 338  | 324  | 349  | 369  | 384  | 365  | 393  | 415  | 433  | 451  | 403  | 434  | 458  | 478  | 493  | 403  | 434  | 458  | 478  | 493  | 508  | 513  | 518  |    |
|      |         | Lo PR                       | 106  | 113  | 124  | 132  | 112  | 120  | 131  | 139  | 148  | 117  | 124  | 136  | 145  | 154  | 123  | 131  | 143  | 152  | 161  | 129  | 137  | 149  | 159  | 168  | 133  | 142  | 155  | 165  | 174  | 183  | 192  | 201  |      |    |
|      | 1600    | MBh                         | 45.3 | 46.3 | 49.5 | 52.9 | 44.2 | 45.2 | 48.3 | 51.6 | 54.9 | 43.2 | 44.1 | 47.2 | 50.4 | 53.7 | 42.1 | 43.1 | 46.0 | 49.2 | 52.5 | 40.0 | 40.9 | 43.7 | 46.7 | 49.6 | 37.1 | 37.9 | 40.5 | 43.3 | 46.2 | 49.1 | 52.0 | 54.9 |      |    |
|      |         | S/T                         | 0.92 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.72 | 0.54 | 0.36 | 0.97 | 0.91 | 0.74 | 0.56 | 0.38 | 1.00 | 0.94 | 0.77 | 0.57 | 0.39 | 1.00 | 0.98 | 0.80 | 0.60 | 0.40 | 1.00 | 0.99 | 0.80 | 0.60 | 0.41 | 0.63 | 0.44 | 0.26 | 0.08 |    |
|      |         | ΔT                          | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 12   | 24   | 23   | 20   | 16   | 12   | 24   | 23   | 20   | 16   | 12   | 23   | 23   | 20   | 16   | 12   | 21   | 21   | 19   | 15   | 12   | 9    | 6    | 3    | 0    |    |
|      |         | kW                          | 3.26 | 3.33 | 3.42 | 3.52 | 3.49 | 3.56 | 3.67 | 3.78 | 3.87 | 3.69 | 3.77 | 3.88 | 4.00 | 4.10 | 3.87 | 3.95 | 4.07 | 4.20 | 4.33 | 4.02 | 4.10 | 4.23 | 4.36 | 4.50 | 4.15 | 4.24 | 4.37 | 4.51 | 4.64 | 4.77 | 4.90 | 5.03 |      |    |
|      |         | Amps                        | 3.9  | 4.0  | 4.1  | 4.2  | 4.2  | 4.2  | 4.4  | 4.5  | 4.6  | 4.5  | 4.6  | 4.7  | 4.9  | 5.0  | 4.8  | 4.9  | 5.0  | 5.2  | 5.3  | 5.0  | 5.1  | 5.3  | 5.5  | 5.7  | 5.3  | 5.4  | 5.6  | 5.8  | 5.9  | 6.0  | 6.1  | 6.2  |      |    |
|      |         | Hi PR                       | 230  | 248  | 261  | 273  | 258  | 278  | 293  | 306  | 316  | 334  | 348  | 334  | 360  | 380  | 396  | 376  | 405  | 428  | 446  | 464  | 416  | 447  | 472  | 493  | 508  | 416  | 447  | 472  | 493  | 508  | 513  | 518  | 523  |    |
|      |         | Lo PR                       | 110  | 117  | 127  | 136  | 116  | 123  | 135  | 143  | 152  | 120  | 128  | 140  | 149  | 158  | 127  | 135  | 147  | 157  | 166  | 133  | 141  | 154  | 164  | 173  | 137  | 146  | 159  | 170  | 179  | 188  | 197  | 206  |      |    |
| 1800 | MBh     | 46.7                        | 47.7 | 50.9 | 54.4 | 45.6 | 46.6 | 49.7 | 53.2 | 56.7 | 44.5 | 45.5 | 48.6 | 51.9 | 55.4 | 43.4 | 44.3 | 47.4 | 50.6 | 53.9 | 41.2 | 42.1 | 45.0 | 48.1 | 51.2 | 38.2 | 39.0 | 41.7 | 44.6 | 47.5 | 50.4 | 53.3 | 56.2 |      |      |    |
|      | S/T     | 0.96                        | 0.90 | 0.73 | 0.55 | 1.00 | 0.93 | 0.76 | 0.57 | 0.38 | 1.00 | 0.96 | 0.78 | 0.58 | 0.40 | 1.00 | 0.94 | 0.77 | 0.57 | 0.39 | 1.00 | 0.98 | 0.83 | 0.62 | 0.41 | 1.00 | 0.99 | 0.84 | 0.63 | 0.42 | 0.64 | 0.45 | 0.27 | 0.09 |      |    |
|      | ΔT      | 23                          | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 11   | 23   | 22   | 19   | 15   | 11   | 22   | 23   | 19   | 16   | 12   | 21   | 22   | 19   | 15   | 11   | 20   | 20   | 18   | 14   | 11   | 8    | 5    | 2    | 0    |      |    |
|      | kW      | 3.29                        | 3.35 | 3.45 | 3.55 | 3.52 | 3.59 | 3.69 | 3.80 | 3.90 | 3.72 | 3.80 | 3.91 | 4.03 | 4.13 | 3.90 | 3.98 | 4.10 | 4.23 | 4.36 | 4.05 | 4.14 | 4.26 | 4.40 | 4.54 | 4.18 | 4.27 | 4.40 | 4.54 | 4.68 | 4.81 | 4.94 | 5.07 |      |      |    |
|      | Amps    | 3.9                         | 4.0  | 4.1  | 4.2  | 4.2  | 4.3  | 4.4  | 4.6  | 4.7  | 4.5  | 4.6  | 4.8  | 4.9  | 5.0  | 4.8  | 4.9  | 5.1  | 5.2  | 5.3  | 5.1  | 5.2  | 5.3  | 5.5  | 5.7  | 5.4  | 5.5  | 5.6  | 5.8  | 5.9  | 6.0  | 6.1  | 6.2  |      |      |    |
|      | Hi PR   | 232                         | 250  | 264  | 275  | 261  | 281  | 296  | 309  | 319  | 337  | 351  | 338  | 363  | 384  | 400  | 380  | 409  | 432  | 450  | 468  | 420  | 452  | 477  | 498  | 513  | 420  | 452  | 477  | 498  | 513  | 518  | 523  | 528  |      |    |
|      | Lo PR   | 111                         | 118  | 129  | 137  | 117  | 125  | 136  | 145  | 154  | 122  | 129  | 141  | 151  | 160  | 128  | 136  | 148  | 158  | 167  | 134  | 143  | 156  | 166  | 175  | 139  | 147  | 161  | 171  | 180  | 189  | 198  | 207  |      |      |    |
| 85   | 1400    | MBh                         | 42.5 | 43.4 | 45.4 | 48.5 | 41.5 | 42.4 | 44.4 | 47.3 | 50.3 | 40.6 | 41.3 | 43.3 | 46.2 | 49.2 | 39.6 | 40.3 | 42.2 | 45.1 | 48.0 | 37.6 | 38.3 | 40.1 | 42.8 | 45.7 | 34.8 | 35.5 | 37.2 | 39.7 | 42.6 | 45.5 | 48.4 |      |      |    |
|      |         | S/T                         | 0.93 | 0.89 | 0.81 | 0.65 | 0.96 | 0.93 | 0.84 | 0.68 | 0.49 | 0.98 | 0.95 | 0.86 | 0.70 | 0.51 | 1.00 | 0.98 | 0.88 | 0.72 | 0.53 | 1.00 | 0.98 | 0.83 | 0.62 | 0.41 | 1.00 | 0.99 | 0.84 | 0.63 | 0.42 | 0.64 | 0.45 | 0.27 | 0.09 |    |
|      |         | ΔT                          | 26   | 25   | 24   | 21   | 26   | 26   | 24   | 21   | 17   | 26   | 26   | 24   | 21   | 17   | 26   | 26   | 25   | 21   | 17   | 25   | 25   | 24   | 21   | 17   | 23   | 23   | 23   | 20   | 17   | 14   | 11   | 8    | 5    |    |
|      |         | kW                          | 3.22 | 3.28 | 3.37 | 3.47 | 3.44 | 3.51 | 3.61 | 3.72 | 3.82 | 3.64 | 3.71 | 3.82 | 3.94 | 4.04 | 3.81 | 3.89 | 4.00 | 4.13 | 4.26 | 3.96 | 4.04 | 4.16 | 4.29 | 4.43 | 4.09 | 4.17 | 4.30 | 4.43 | 4.57 | 4.70 | 4.83 | 4.96 |      |    |
|      |         | Amps                        | 3.8  | 3.9  | 4.0  | 4.1  | 4.1  | 4.2  | 4.3  | 4.4  | 4.6  | 4.4  | 4.5  | 4.6  | 4.8  | 4.9  | 4.7  | 4.8  | 4.9  | 5.1  | 5.2  | 4.9  | 5.1  | 5.2  | 5.4  | 5.2  | 5.3  | 5.5  | 5.7  | 5.9  | 6.1  | 6.2  | 6.3  | 6.4  |      |    |
|      |         | Hi PR                       | 225  | 243  | 256  | 267  | 253  | 272  | 287  | 300  | 310  | 327  | 341  | 328  | 353  | 372  | 388  | 369  | 397  | 419  | 437  | 455  | 407  | 438  | 463  | 483  | 498  | 407  | 438  | 463  | 483  | 498  | 513  | 518  | 523  |    |
|      |         | Lo PR                       | 108  | 114  | 125  | 133  | 114  | 121  | 132  | 140  | 149  | 118  | 126  | 137  | 146  | 155  | 124  | 132  | 144  | 153  | 162  | 130  | 138  | 151  | 161  | 170  | 134  | 143  | 156  | 166  | 175  | 184  | 193  | 202  |      |    |
|      | 1600    | MBh                         | 46.1 | 47.0 | 49.2 | 52.5 | 45.0 | 45.9 | 48.1 | 51.3 | 54.6 | 43.9 | 44.8 | 46.9 | 50.1 | 53.4 | 42.9 | 43.7 | 45.8 | 48.8 | 52.1 | 40.7 | 41.5 | 43.5 | 46.4 | 49.3 | 37.7 | 38.5 | 40.3 | 43.0 | 45.9 | 48.8 | 51.7 |      |      |    |
|      |         | S/T                         | 0.96 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.70 | 0.51 | 1.00 | 0.98 | 0.89 | 0.72 | 0.53 | 1.00 | 0.98 | 0.92 | 0.74 | 0.54 | 1.00 | 0.98 | 0.83 | 0.62 | 0.41 | 1.00 | 0.99 | 0.84 | 0.63 | 0.42 | 0.64 | 0.45 | 0.27 | 0.09 |    |
|      |         | ΔT                          | 25   | 25   | 24   | 20   | 26   | 25   | 24   | 21   | 17   | 25   | 25   | 24   | 21   | 17   | 25   | 25   | 24   | 21   | 17   | 23   | 24   | 24   | 21   | 17   | 22   | 22   | 22   | 19   | 16   | 13   | 10   | 7    | 4    |    |
|      |         | kW                          | 3.29 | 3.35 | 3.45 | 3.55 | 3.52 | 3.59 | 3.69 | 3.80 | 3.90 | 3.72 | 3.80 | 3.91 | 4.03 | 4.13 | 3.90 | 3.98 | 4.10 | 4.23 | 4.36 | 4.05 | 4.14 | 4.26 | 4.40 | 4.54 | 4.18 | 4.27 | 4.40 | 4.54 | 4.68 | 4.81 | 4.94 | 5.07 |      |    |
|      |         | Amps                        | 3.9  | 4.0  | 4.1  | 4.2  | 4.2  | 4.3  | 4.4  | 4.6  | 4.7  | 4.5  | 4.6  | 4.8  | 4.9  | 5.0  | 4.8  | 4.9  | 5.1  | 5.2  | 5.3  | 5.1  | 5.2  | 5.3  | 5.5  | 5.7  | 5.4  | 5.5  | 5.6  | 5.8  | 5.9  | 6.0  | 6.1  | 6.2  |      |    |
|      |         | Hi PR                       | 232  | 250  | 264  | 275  | 261  | 281  | 296  | 309  | 319  | 337  | 351  | 338  | 363  | 384  | 400  | 380  | 409  | 432  | 450  | 468  | 420  | 452  | 477  | 498  | 513  | 420  | 452  | 477  | 498  | 513  | 518  | 523  | 528  |    |
|      |         | Lo PR                       | 111  | 118  | 129  | 137  | 117  | 125  | 136  | 145  | 154  | 122  | 129  | 141  | 151  | 160  | 128  | 136  | 148  | 158  | 167  | 134  | 143  | 156  | 166  | 175  | 139  | 147  | 161  | 171  | 180  | 189  | 198  | 207  |      |    |
| 1800 | MBh     | 47.5                        | 48.4 | 50.7 | 54.1 | 46.4 | 47.3 | 49.5 | 52.8 | 56.1 | 45.3 | 46.1 | 48.3 | 51.6 | 54.9 | 44.2 | 45.0 | 47.1 | 50.3 | 53.6 | 42.0 | 42.8 | 44.8 | 47.8 | 50.7 | 38.9 | 39.6 | 41.5 | 44.3 | 47.2 | 50.1 | 53.0 |      |      |      |    |
|      | S/T     | 1.00                        | 0.97 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 0.55 | 1.00 | 1.00 | 0.93 | 0.76 | 0.57 | 1.00 | 1.00 | 0.96 | 0.78 | 0.59 | 1.00 | 1.00 | 0.95 | 0.77 | 0.56 | 1.00 | 1.00 | 0.85 | 0.68 | 0.51 | 0.34 | 0.17 | 0.00 |      |      |    |
|      | ΔT      | 24                          | 24   | 23   | 20   | 24   | 24   | 23   | 20   | 16   | 23   | 24   | 23   | 20   | 16   | 23   | 23   | 23   | 20   | 16   | 21   | 22   | 23   | 20   | 16   | 20   | 20   | 21   | 18   | 15   | 12   | 9    | 6    | 3    |      |    |
|      | kW      | 3.31                        | 3.38 | 3.47 | 3.57 | 3    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |

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

Shaded area is AHRI conditions.

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

|      |         | OUTDOOR AMBIENT TEMPERATURE          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 115  |      |      |      |      |      |
|------|---------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      |         | 65                                   |      |      |      |      |      | 75   |      |      |      |      |      | 85   |      |      |      |      |      | 105  |      |      |      |      |      |
|      |         | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 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   |
| 70   | MBh     | 53.8                                 | 55.7 | 61.0 | -    | 52.5 | 54.4 | 59.6 | -    | 51.3 | 53.1 | 58.2 | -    | 50.0 | 51.8 | 56.8 | -    | 47.5 | 49.2 | 53.9 | -    | 44.0 | 45.6 | 50.0 | -    |
|      | S/T     | 0.66                                 | 0.55 | 0.38 | -    | 0.68 | 0.57 | 0.39 | -    | 0.70 | 0.58 | 0.40 | -    | 0.72 | 0.60 | 0.42 | -    | 0.75 | 0.62 | 0.43 | -    | 0.75 | 0.63 | 0.44 | -    |
|      | ΔT      | 22                                   | 19   | 14   | -    | 22   | 19   | 14   | -    | 22   | 19   | 14   | -    | 22   | 19   | 14   | -    | 20   | 19   | 14   | -    | 20   | 18   | 13   | -    |
|      | kW      | 3.97                                 | 4.05 | 4.18 | -    | 4.27 | 4.37 | 4.51 | -    | 4.54 | 4.64 | 4.80 | -    | 4.78 | 4.89 | 5.05 | -    | 4.99 | 5.10 | 5.27 | -    | 5.16 | 5.28 | 5.45 | -    |
|      | Amps    | 15.4                                 | 15.8 | 16.3 | -    | 16.7 | 17.1 | 17.6 | -    | 18.1 | 18.6 | 19.2 | -    | 19.4 | 19.9 | 20.6 | -    | 20.7 | 21.2 | 21.9 | -    | 22.0 | 22.5 | 23.3 | -    |
|      | HI PR   | 228                                  | 245  | 259  | -    | 256  | 275  | 291  | -    | 291  | 313  | 331  | -    | 331  | 357  | 377  | -    | 373  | 401  | 424  | -    | 412  | 443  | 468  | -    |
|      | LO PR   | 98                                   | 104  | 114  | -    | 103  | 110  | 120  | -    | 107  | 114  | 125  | -    | 113  | 120  | 131  | -    | 118  | 126  | 137  | -    | 122  | 130  | 142  | -    |
|      | MBh     | 55.4                                 | 57.4 | 62.9 | -    | 54.1 | 56.1 | 61.4 | -    | 52.8 | 54.7 | 59.9 | -    | 51.5 | 53.4 | 58.5 | -    | 48.9 | 50.7 | 55.6 | -    | 45.3 | 47.0 | 51.5 | -    |
|      | S/T     | 0.69                                 | 0.57 | 0.40 | -    | 0.71 | 0.60 | 0.41 | -    | 0.73 | 0.61 | 0.42 | -    | 0.75 | 0.63 | 0.44 | -    | 0.78 | 0.65 | 0.45 | -    | 0.79 | 0.66 | 0.46 | -    |
|      | ΔT      | 20                                   | 17   | 13   | -    | 20   | 18   | 13   | -    | 20   | 18   | 13   | -    | 20   | 18   | 13   | -    | 20   | 17   | 13   | -    | 19   | 16   | 12   | -    |
| 2000 | kW      | 4.00                                 | 4.09 | 4.21 | -    | 4.31 | 4.40 | 4.54 | -    | 4.58 | 4.68 | 4.84 | -    | 4.82 | 4.93 | 5.09 | -    | 5.03 | 5.14 | 5.31 | -    | 5.20 | 5.32 | 5.50 | -    |
|      | Amps    | 15.5                                 | 15.9 | 16.4 | -    | 16.8 | 17.2 | 17.8 | -    | 18.3 | 18.8 | 19.4 | -    | 19.6 | 20.1 | 20.8 | -    | 20.9 | 21.4 | 22.2 | -    | 22.2 | 22.7 | 23.5 | -    |
|      | HI PR   | 230                                  | 248  | 262  | -    | 258  | 278  | 294  | -    | 294  | 316  | 334  | -    | 335  | 360  | 380  | -    | 377  | 405  | 428  | -    | 416  | 448  | 473  | -    |
|      | LO PR   | 99                                   | 105  | 115  | -    | 104  | 111  | 121  | -    | 108  | 115  | 126  | -    | 114  | 121  | 132  | -    | 119  | 127  | 139  | -    | 124  | 131  | 143  | -    |
|      | MBh     | 55.6                                 | 57.7 | 63.2 | -    | 54.3 | 56.3 | 61.7 | -    | 53.0 | 55.0 | 60.2 | -    | 51.8 | 53.6 | 58.8 | -    | 49.2 | 51.0 | 55.8 | -    | 45.5 | 47.2 | 51.7 | -    |
|      | S/T     | 0.70                                 | 0.58 | 0.40 | -    | 0.72 | 0.60 | 0.42 | -    | 0.74 | 0.62 | 0.43 | -    | 0.77 | 0.64 | 0.44 | -    | 0.79 | 0.66 | 0.46 | -    | 0.80 | 0.67 | 0.46 | -    |
|      | ΔT      | 18                                   | 15   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 17   | 15   | 11   | -    |
|      | kW      | 4.03                                 | 4.12 | 4.25 | -    | 4.34 | 4.44 | 4.58 | -    | 4.62 | 4.72 | 4.88 | -    | 4.86 | 4.97 | 5.13 | -    | 5.07 | 5.18 | 5.36 | -    | 5.25 | 5.37 | 5.55 | -    |
|      | Amps    | 15.7                                 | 16.0 | 16.6 | -    | 17.0 | 17.4 | 18.0 | -    | 18.5 | 18.9 | 19.6 | -    | 19.8 | 20.3 | 21.0 | -    | 21.1 | 21.6 | 22.4 | -    | 22.4 | 22.9 | 23.7 | -    |
|      | HI PR   | 233                                  | 250  | 264  | -    | 261  | 281  | 297  | -    | 297  | 319  | 337  | -    | 338  | 364  | 384  | -    | 380  | 409  | 432  | -    | 420  | 452  | 477  | -    |
|      | LO PR   | 100                                  | 106  | 116  | -    | 105  | 112  | 122  | -    | 110  | 117  | 127  | -    | 115  | 122  | 134  | -    | 121  | 128  | 140  | -    | 125  | 133  | 145  | -    |
| 75   | MBh     | 54.7                                 | 56.3 | 60.9 | 65.4 | 53.4 | 55.0 | 59.5 | 63.9 | 52.1 | 53.7 | 58.1 | 62.3 | 50.9 | 52.4 | 56.7 | 60.8 | 49.8 | 49.7 | 53.8 | 57.8 | 44.7 | 46.1 | 49.9 | 53.5 |
|      | S/T     | 0.75                                 | 0.67 | 0.50 | 0.32 | 0.77 | 0.69 | 0.52 | 0.34 | 0.79 | 0.71 | 0.54 | 0.35 | 0.82 | 0.73 | 0.55 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.86 | 0.77 | 0.58 | 0.37 |
|      | ΔT      | 25                                   | 23   | 19   | 13   | 25   | 23   | 19   | 13   | 25   | 23   | 19   | 13   | 26   | 23   | 19   | 13   | 25   | 23   | 19   | 13   | 23   | 22   | 18   | 12   |
|      | kW      | 4.00                                 | 4.09 | 4.22 | 4.35 | 4.31 | 4.40 | 4.55 | 4.69 | 4.58 | 4.68 | 4.84 | 5.00 | 4.82 | 4.93 | 5.09 | 5.26 | 5.03 | 5.14 | 5.31 | 5.49 | 5.20 | 5.32 | 5.50 | 5.69 |
|      | Amps    | 15.5                                 | 15.9 | 16.4 | 17.1 | 16.8 | 17.2 | 17.8 | 18.5 | 18.3 | 18.8 | 19.4 | 20.2 | 19.6 | 20.1 | 20.8 | 21.6 | 20.9 | 21.4 | 22.2 | 23.0 | 22.2 | 22.7 | 23.5 | 24.4 |
|      | HI PR   | 230                                  | 248  | 262  | 273  | 258  | 278  | 294  | 306  | 294  | 316  | 334  | 348  | 335  | 360  | 380  | 397  | 377  | 405  | 428  | 446  | 416  | 448  | 473  | 493  |
|      | LO PR   | 99                                   | 105  | 115  | 122  | 104  | 111  | 121  | 129  | 108  | 115  | 126  | 134  | 114  | 121  | 132  | 141  | 119  | 127  | 139  | 148  | 124  | 131  | 143  | 153  |
|      | MBh     | 56.3                                 | 58.0 | 62.7 | 67.3 | 55.0 | 56.6 | 61.3 | 65.8 | 53.7 | 55.3 | 59.8 | 64.2 | 52.4 | 53.9 | 58.4 | 62.6 | 49.8 | 51.2 | 55.5 | 59.5 | 46.1 | 47.5 | 51.4 | 55.1 |
|      | S/T     | 0.78                                 | 0.70 | 0.53 | 0.34 | 0.81 | 0.72 | 0.55 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.80 | 0.60 | 0.39 | 0.90 | 0.80 | 0.61 | 0.39 |
|      | ΔT      | 23                                   | 21   | 17   | 12   | 23   | 22   | 18   | 12   | 23   | 22   | 18   | 12   | 24   | 22   | 18   | 12   | 23   | 21   | 18   | 12   | 22   | 20   | 16   | 11   |
|      | kW      | 4.03                                 | 4.12 | 4.25 | 4.39 | 4.34 | 4.44 | 4.58 | 4.73 | 4.62 | 4.72 | 4.88 | 5.04 | 4.86 | 4.97 | 5.14 | 5.31 | 5.07 | 5.18 | 5.36 | 5.54 | 5.25 | 5.37 | 5.55 | 5.74 |
| 2000 | Amps    | 15.7                                 | 16.1 | 16.6 | 17.2 | 17.0 | 17.4 | 18.0 | 18.7 | 18.5 | 18.9 | 19.6 | 20.3 | 19.8 | 20.3 | 21.0 | 21.8 | 21.1 | 21.6 | 22.4 | 23.2 | 22.4 | 22.9 | 23.7 | 24.7 |
|      | HI PR   | 233                                  | 250  | 264  | 276  | 261  | 281  | 297  | 309  | 297  | 320  | 337  | 352  | 338  | 364  | 384  | 401  | 380  | 409  | 432  | 451  | 420  | 452  | 478  | 498  |
|      | LO PR   | 100                                  | 106  | 116  | 123  | 105  | 112  | 122  | 130  | 110  | 117  | 127  | 136  | 115  | 122  | 134  | 142  | 121  | 128  | 140  | 149  | 125  | 133  | 145  | 154  |
|      | MBh     | 56.6                                 | 58.3 | 63.1 | 67.7 | 55.3 | 56.9 | 61.6 | 66.1 | 53.9 | 55.5 | 60.1 | 64.5 | 52.6 | 54.2 | 58.7 | 63.0 | 50.0 | 51.5 | 55.7 | 59.8 | 46.3 | 47.7 | 51.6 | 55.4 |
|      | S/T     | 0.79                                 | 0.71 | 0.54 | 0.35 | 0.82 | 0.73 | 0.56 | 0.36 | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.91 | 0.81 | 0.62 | 0.40 |
|      | ΔT      | 21                                   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 19   | 18   | 15   | 10   |
|      | kW      | 4.06                                 | 4.15 | 4.28 | 4.42 | 4.38 | 4.48 | 4.62 | 4.77 | 4.66 | 4.76 | 4.92 | 5.08 | 4.90 | 5.01 | 5.18 | 5.35 | 5.11 | 5.23 | 5.40 | 5.59 | 5.29 | 5.41 | 5.59 | 5.78 |
|      | Amps    | 15.8                                 | 16.2 | 16.7 | 17.4 | 17.1 | 17.6 | 18.1 | 18.8 | 18.7 | 19.1 | 19.8 | 20.5 | 20.0 | 20.5 | 21.2 | 22.0 | 21.3 | 21.8 | 22.6 | 23.5 | 22.6 | 23.2 | 24.0 | 24.9 |
|      | HI PR   | 235                                  | 253  | 267  | 278  | 264  | 284  | 300  | 312  | 300  | 323  | 341  | 355  | 341  | 367  | 388  | 405  | 384  | 413  | 437  | 455  | 424  | 457  | 482  | 503  |
|      | LO PR   | 101                                  | 107  | 117  | 125  | 106  | 113  | 124  | 132  | 111  | 118  | 129  | 137  | 116  | 124  | 135  | 144  | 122  | 130  | 141  | 151  | 126  | 134  | 146  | 156  |

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

Shaded area is ACCA (TVA) conditions.

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

|      |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      |         | 65                          |      |      |      | 75   |      |      |      | 85   |      |      |      | 95   |      |      |      | 105  |      |      |      | 115  |      |      |      |
| 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   |
| 80   | MBh     | 55.6                        | 56.9 | 60.7 | 64.9 | 54.3 | 55.5 | 59.3 | 63.4 | 53.0 | 54.2 | 57.9 | 61.9 | 51.8 | 52.9 | 56.5 | 60.4 | 49.2 | 50.2 | 53.7 | 57.4 | 45.5 | 46.5 | 49.7 | 53.2 |
|      | S/T     | 0.82                        | 0.77 | 0.62 | 0.47 | 0.85 | 0.80 | 0.65 | 0.48 | 0.87 | 0.82 | 0.66 | 0.50 | 0.90 | 0.84 | 0.69 | 0.51 | 0.93 | 0.87 | 0.71 | 0.53 | 0.94 | 0.88 | 0.72 | 0.54 |
|      | ΔT      | 28                          | 27   | 23   | 19   | 28   | 27   | 24   | 19   | 28   | 27   | 24   | 19   | 28   | 27   | 24   | 19   | 28   | 27   | 23   | 19   | 26   | 25   | 22   | 17   |
|      | kW      | 4.03                        | 4.12 | 4.25 | 4.39 | 4.35 | 4.44 | 4.58 | 4.73 | 4.62 | 4.72 | 4.88 | 5.04 | 4.86 | 4.97 | 5.14 | 5.31 | 5.07 | 5.18 | 5.36 | 5.54 | 5.25 | 5.37 | 5.55 | 5.74 |
|      | Amps    | 15.7                        | 16.1 | 16.6 | 17.2 | 17.0 | 17.4 | 18.0 | 18.7 | 18.5 | 18.9 | 19.6 | 20.3 | 19.8 | 20.3 | 21.0 | 21.8 | 21.1 | 21.6 | 22.4 | 23.2 | 22.4 | 22.9 | 23.7 | 24.7 |
|      | HI PR   | 233                         | 250  | 264  | 276  | 261  | 281  | 297  | 309  | 297  | 320  | 337  | 352  | 338  | 364  | 384  | 401  | 380  | 409  | 432  | 451  | 420  | 452  | 478  | 498  |
|      | LO PR   | 100                         | 106  | 116  | 123  | 105  | 112  | 122  | 130  | 110  | 117  | 127  | 136  | 115  | 122  | 134  | 142  | 121  | 128  | 140  | 149  | 125  | 133  | 145  | 154  |
|      | MBh     | 57.3                        | 58.6 | 62.6 | 66.9 | 56.0 | 57.2 | 61.1 | 65.3 | 54.6 | 55.8 | 59.6 | 63.8 | 53.3 | 54.5 | 58.2 | 62.2 | 50.6 | 51.7 | 55.3 | 59.1 | 46.9 | 47.9 | 51.2 | 54.7 |
|      | S/T     | 0.86                        | 0.80 | 0.65 | 0.49 | 0.89 | 0.83 | 0.68 | 0.51 | 0.91 | 0.85 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 1.00 | 0.92 | 0.75 | 0.56 | 1.00 | 0.92 | 0.75 | 0.56 |
|      | ΔT      | 26                          | 25   | 22   | 17   | 26   | 25   | 22   | 17   | 26   | 25   | 22   | 17   | 26   | 25   | 22   | 18   | 27   | 25   | 22   | 17   | 25   | 23   | 20   | 16   |
| 2000 | kW      | 4.07                        | 4.15 | 4.28 | 4.42 | 4.38 | 4.48 | 4.62 | 4.77 | 4.66 | 4.76 | 4.92 | 5.08 | 4.90 | 5.01 | 5.18 | 5.35 | 5.11 | 5.23 | 5.40 | 5.59 | 5.29 | 5.41 | 5.59 | 5.79 |
|      | Amps    | 15.8                        | 16.2 | 16.7 | 17.4 | 17.1 | 17.6 | 18.2 | 18.9 | 18.7 | 19.1 | 19.8 | 20.5 | 20.0 | 20.5 | 21.2 | 22.0 | 21.3 | 21.8 | 22.6 | 23.5 | 22.6 | 23.2 | 24.0 | 24.9 |
|      | HI PR   | 235                         | 253  | 267  | 279  | 264  | 284  | 300  | 313  | 300  | 323  | 341  | 355  | 342  | 368  | 388  | 405  | 384  | 414  | 437  | 455  | 425  | 457  | 482  | 503  |
|      | LO PR   | 101                         | 107  | 117  | 125  | 107  | 113  | 124  | 132  | 111  | 118  | 129  | 137  | 116  | 124  | 135  | 144  | 122  | 130  | 142  | 151  | 126  | 134  | 146  | 156  |
|      | MBh     | 57.6                        | 58.8 | 62.9 | 67.2 | 56.2 | 57.5 | 61.4 | 65.6 | 54.9 | 56.1 | 59.9 | 64.1 | 53.6 | 54.7 | 58.5 | 62.5 | 50.9 | 52.0 | 55.6 | 59.4 | 47.1 | 48.2 | 51.5 | 55.0 |
|      | S/T     | 0.87                        | 0.82 | 0.66 | 0.50 | 0.90 | 0.85 | 0.69 | 0.51 | 0.92 | 0.87 | 0.71 | 0.53 | 0.95 | 0.89 | 0.73 | 0.54 | 1.00 | 0.93 | 0.76 | 0.56 | 1.00 | 0.94 | 0.76 | 0.57 |
|      | ΔT      | 23                          | 22   | 19   | 15   | 23   | 22   | 19   | 16   | 23   | 22   | 19   | 16   | 23   | 22   | 20   | 16   | 23   | 22   | 19   | 15   | 22   | 21   | 18   | 14   |
|      | kW      | 4.10                        | 4.19 | 4.32 | 4.46 | 4.42 | 4.51 | 4.66 | 4.81 | 4.70 | 4.80 | 4.96 | 5.12 | 4.94 | 5.06 | 5.22 | 5.40 | 5.16 | 5.27 | 5.45 | 5.63 | 5.34 | 5.46 | 5.64 | 5.84 |
|      | Amps    | 16.0                        | 16.4 | 16.9 | 17.6 | 17.3 | 17.7 | 18.3 | 19.0 | 18.8 | 19.3 | 20.0 | 20.7 | 20.2 | 20.7 | 21.4 | 22.2 | 21.5 | 22.0 | 22.8 | 23.7 | 22.8 | 23.4 | 24.2 | 25.1 |
|      | HI PR   | 237                         | 255  | 270  | 281  | 266  | 287  | 303  | 316  | 303  | 326  | 344  | 359  | 345  | 371  | 392  | 409  | 388  | 418  | 441  | 460  | 429  | 461  | 487  | 508  |
|      | LO PR   | 102                         | 108  | 118  | 126  | 108  | 114  | 125  | 133  | 112  | 119  | 130  | 138  | 117  | 125  | 136  | 145  | 123  | 131  | 143  | 152  | 127  | 135  | 148  | 157  |

|      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85   | MBh   | 56.6 | 57.7 | 60.4 | 64.5 | 55.3 | 56.4 | 59.0 | 63.0 | 54.0 | 55.0 | 57.6 | 61.5 | 52.7 | 53.7 | 56.2 | 60.0 | 50.0 | 51.0 | 53.4 | 57.0 | 46.3 | 47.2 | 49.5 | 52.8 |
|      | S/T   | 0.86 | 0.83 | 0.75 | 0.61 | 0.89 | 0.86 | 0.77 | 0.63 | 0.91 | 0.88 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.66 | 0.98 | 0.94 | 0.85 | 0.69 | 0.98 | 0.95 | 0.86 | 0.70 |
|      | ΔT    | 30   | 29   | 28   | 24   | 30   | 30   | 28   | 24   | 30   | 30   | 28   | 24   | 30   | 30   | 28   | 24   | 30   | 29   | 28   | 24   | 28   | 28   | 26   | 23   |
|      | kW    | 4.07 | 4.15 | 4.28 | 4.42 | 4.38 | 4.48 | 4.62 | 4.77 | 4.66 | 4.76 | 4.92 | 5.08 | 4.90 | 5.01 | 5.18 | 5.35 | 5.11 | 5.23 | 5.40 | 5.59 | 5.29 | 5.41 | 5.59 | 5.79 |
|      | Amps  | 15.8 | 16.2 | 16.7 | 17.4 | 17.1 | 17.6 | 18.2 | 18.9 | 18.7 | 19.1 | 19.8 | 20.5 | 20.0 | 20.5 | 21.2 | 22.0 | 21.3 | 21.8 | 22.6 | 23.5 | 22.6 | 23.2 | 24.0 | 24.9 |
|      | HI PR | 235  | 253  | 267  | 279  | 264  | 284  | 300  | 313  | 300  | 323  | 341  | 355  | 342  | 368  | 388  | 405  | 384  | 414  | 437  | 455  | 425  | 457  | 482  | 503  |
|      | LO PR | 101  | 107  | 117  | 125  | 107  | 113  | 124  | 132  | 111  | 118  | 129  | 137  | 116  | 124  | 135  | 144  | 122  | 130  | 142  | 151  | 126  | 134  | 146  | 156  |
|      | MBh   | 58.3 | 59.4 | 62.2 | 66.4 | 56.9 | 58.1 | 60.8 | 64.9 | 55.6 | 56.7 | 59.4 | 63.3 | 54.2 | 55.3 | 57.9 | 61.8 | 51.5 | 52.5 | 55.0 | 58.7 | 47.7 | 48.7 | 51.0 | 54.4 |
|      | S/T   | 0.90 | 0.87 | 0.78 | 0.64 | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.92 | 0.83 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.90 | 0.73 |
|      | ΔT    | 28   | 27   | 26   | 22   | 28   | 27   | 26   | 22   | 28   | 27   | 26   | 22   | 28   | 28   | 26   | 23   | 27   | 27   | 26   | 22   | 25   | 25   | 24   | 21   |
| 2000 | kW    | 4.10 | 4.19 | 4.32 | 4.46 | 4.42 | 4.51 | 4.66 | 4.81 | 4.70 | 4.80 | 4.96 | 5.12 | 4.95 | 5.06 | 5.22 | 5.40 | 5.16 | 5.27 | 5.45 | 5.63 | 5.34 | 5.46 | 5.64 | 5.84 |
|      | Amps  | 16.0 | 16.4 | 16.9 | 17.6 | 17.3 | 17.7 | 18.3 | 19.0 | 18.8 | 19.3 | 20.0 | 20.7 | 20.2 | 20.7 | 21.4 | 22.2 | 21.5 | 22.0 | 22.8 | 23.7 | 22.8 | 23.4 | 24.2 | 25.1 |
|      | HI PR | 237  | 255  | 270  | 281  | 266  | 287  | 303  | 316  | 303  | 326  | 344  | 359  | 345  | 371  | 392  | 409  | 388  | 418  | 441  | 460  | 429  | 461  | 487  | 508  |
|      | LO PR | 102  | 108  | 118  | 126  | 108  | 114  | 125  | 133  | 112  | 119  | 130  | 138  | 117  | 125  | 136  | 145  | 123  | 131  | 143  | 152  | 127  | 135  | 148  | 157  |
|      | MBh   | 58.6 | 59.7 | 62.5 | 66.7 | 57.2 | 58.3 | 61.1 | 65.2 | 55.9 | 56.9 | 59.6 | 63.6 | 54.5 | 55.6 | 58.2 | 62.1 | 51.8 | 52.8 | 55.3 | 59.0 | 48.0 | 48.9 | 51.2 | 54.6 |
|      | S/T   | 0.91 | 0.88 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.67 | 0.97 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.91 | 0.74 |
|      | ΔT    | 25   | 24   | 23   | 20   | 25   | 24   | 23   | 20   | 25   | 24   | 23   | 20   | 25   | 25   | 23   | 20   | 24   | 24   | 23   | 20   | 22   | 22   | 21   | 19   |
|      | kW    | 4.13 | 4.22 | 4.35 | 4.50 | 4.45 | 4.55 | 4.70 | 4.85 | 4.74 | 4.84 | 5.00 | 5.17 | 4.99 | 5.10 | 5.27 | 5.45 | 5.20 | 5.32 | 5.49 | 5.68 | 5.38 | 5.50 | 5.69 | 5.89 |
|      | Amps  | 16.1 | 16.5 | 17.1 | 17.7 | 17.5 | 17.9 | 18.5 | 19.2 | 19.0 | 19.5 | 20.1 | 20.9 | 20.4 | 20.9 | 21.6 | 22.4 | 21.7 | 22.2 | 23.0 | 23.9 | 23.0 | 23.6 | 24.4 | 25.4 |
|      | HI PR | 240  | 258  | 272  | 284  | 269  | 289  | 306  | 319  | 306  | 329  | 348  | 363  | 348  | 375  | 396  | 413  | 392  | 422  | 445  | 465  | 433  | 466  | 492  | 513  |
|      | LO PR | 103  | 109  | 119  | 127  | 109  | 116  | 126  | 134  | 113  | 120  | 131  | 140  | 119  | 126  | 138  | 147  | 124  | 132  | 144  | 154  | 129  | 137  | 149  | 159  |

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

Shaded area is AHRI conditions.

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

|      |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |   |
|------|---------|-----------------------------|------|------|------|-----|------|------|------|-----|------|------|------|-----|------|------|------|-----|------|------|------|-----|------|------|------|---|
|      |         | 65                          |      |      |      | 75  |      |      |      | 85  |      |      |      | 95  |      |      |      | 105 |      |      |      | 115 |      |      |      |   |
| 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   |   |
| 70   | 1500    | MBh                         | 53.8 | 55.7 | 61.0 | -   | 52.5 | 54.4 | 59.6 | -   | 51.3 | 53.1 | 58.2 | -   | 50.0 | 51.8 | 56.8 | -   | 47.5 | 49.2 | 53.9 | -   | 44.0 | 45.6 | 50.0 | - |
|      |         | S/T                         | 0.66 | 0.55 | 0.38 | -   | 0.68 | 0.57 | 0.39 | -   | 0.70 | 0.58 | 0.40 | -   | 0.72 | 0.60 | 0.42 | -   | 0.75 | 0.62 | 0.43 | -   | 0.75 | 0.63 | 0.44 | - |
|      |         | ΔT                          | 22   | 19   | 14   | -   | 22   | 19   | 14   | -   | 22   | 19   | 14   | -   | 22   | 19   | 14   | -   | 22   | 19   | 14   | -   | 20   | 18   | 13   | - |
|      |         | kW                          | 3.97 | 4.05 | 4.18 | -   | 4.27 | 4.37 | 4.51 | -   | 4.54 | 4.64 | 4.80 | -   | 4.78 | 4.89 | 5.05 | -   | 4.99 | 5.10 | 5.27 | -   | 5.16 | 5.28 | 5.45 | - |
|      |         | Amps                        | 15.4 | 15.8 | 16.3 | -   | 16.7 | 17.1 | 17.6 | -   | 18.1 | 18.6 | 19.2 | -   | 19.4 | 19.9 | 20.6 | -   | 20.7 | 21.2 | 21.9 | -   | 22.0 | 22.5 | 23.3 | - |
|      | HI PR   | 228                         | 245  | 259  | -    | 256 | 275  | 291  | -    | 291 | 313  | 331  | -    | 331 | 357  | 377  | -    | 373 | 401  | 424  | -    | 412 | 443  | 468  | -    |   |
|      | LO PR   | 98                          | 104  | 114  | -    | 103 | 110  | 120  | -    | 107 | 114  | 125  | -    | 113 | 120  | 131  | -    | 118 | 126  | 137  | -    | 122 | 130  | 142  | -    |   |
| 70   | 1750    | MBh                         | 55.4 | 57.4 | 62.9 | -   | 54.1 | 56.1 | 61.4 | -   | 52.8 | 54.7 | 59.9 | -   | 51.5 | 53.4 | 58.5 | -   | 48.9 | 50.7 | 55.6 | -   | 45.3 | 47.0 | 51.5 | - |
|      |         | S/T                         | 0.69 | 0.57 | 0.40 | -   | 0.71 | 0.60 | 0.41 | -   | 0.73 | 0.61 | 0.42 | -   | 0.75 | 0.63 | 0.44 | -   | 0.78 | 0.65 | 0.45 | -   | 0.79 | 0.66 | 0.46 | - |
|      |         | ΔT                          | 20   | 17   | 13   | -   | 20   | 18   | 13   | -   | 20   | 18   | 13   | -   | 20   | 18   | 13   | -   | 20   | 17   | 13   | -   | 19   | 16   | 12   | - |
|      |         | kW                          | 4.00 | 4.09 | 4.21 | -   | 4.31 | 4.40 | 4.54 | -   | 4.58 | 4.68 | 4.84 | -   | 4.82 | 4.93 | 5.09 | -   | 5.03 | 5.14 | 5.31 | -   | 5.20 | 5.32 | 5.50 | - |
|      |         | Amps                        | 15.5 | 15.9 | 16.4 | -   | 16.8 | 17.2 | 17.8 | -   | 18.3 | 18.8 | 19.4 | -   | 19.6 | 20.1 | 20.8 | -   | 20.9 | 21.4 | 22.2 | -   | 22.2 | 22.7 | 23.5 | - |
|      | HI PR   | 230                         | 248  | 262  | -    | 258 | 278  | 294  | -    | 294 | 316  | 334  | -    | 335 | 360  | 380  | -    | 377 | 405  | 428  | -    | 416 | 448  | 473  | -    |   |
|      | LO PR   | 99                          | 105  | 115  | -    | 104 | 111  | 121  | -    | 108 | 115  | 126  | -    | 114 | 121  | 132  | -    | 119 | 127  | 139  | -    | 124 | 131  | 143  | -    |   |
| 2000 |         | MBh                         | 55.6 | 57.7 | 63.2 | -   | 54.3 | 56.3 | 61.7 | -   | 53.0 | 55.0 | 60.2 | -   | 51.8 | 53.6 | 58.8 | -   | 49.2 | 51.0 | 55.8 | -   | 45.5 | 47.2 | 51.7 | - |
|      |         | S/T                         | 0.70 | 0.58 | 0.40 | -   | 0.72 | 0.60 | 0.42 | -   | 0.74 | 0.62 | 0.43 | -   | 0.77 | 0.64 | 0.44 | -   | 0.79 | 0.66 | 0.46 | -   | 0.80 | 0.67 | 0.46 | - |
|      |         | ΔT                          | 18   | 15   | 12   | -   | 18   | 16   | 12   | -   | 18   | 16   | 12   | -   | 18   | 16   | 12   | -   | 18   | 16   | 12   | -   | 17   | 15   | 11   | - |
|      |         | kW                          | 4.03 | 4.12 | 4.25 | -   | 4.34 | 4.44 | 4.58 | -   | 4.62 | 4.72 | 4.88 | -   | 4.86 | 4.97 | 5.13 | -   | 5.07 | 5.18 | 5.36 | -   | 5.25 | 5.37 | 5.55 | - |
|      |         | Amps                        | 15.7 | 16.0 | 16.6 | -   | 17.0 | 17.4 | 18.0 | -   | 18.5 | 18.9 | 19.6 | -   | 19.8 | 20.3 | 21.0 | -   | 21.1 | 21.6 | 22.4 | -   | 22.4 | 22.9 | 23.7 | - |
|      | HI PR   | 233                         | 250  | 264  | -    | 261 | 281  | 297  | -    | 297 | 319  | 337  | -    | 338 | 364  | 384  | -    | 380 | 409  | 432  | -    | 420 | 452  | 477  | -    |   |
|      | LO PR   | 100                         | 106  | 116  | -    | 105 | 112  | 122  | -    | 110 | 117  | 127  | -    | 115 | 122  | 134  | -    | 121 | 128  | 140  | -    | 125 | 133  | 145  | -    |   |

|             |       |      |      |      |      |      |      |      |      |      |      |      |      |      |             |      |      |      |      |      |      |      |      |      |      |
|-------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------|------|------|------|------|------|------|------|------|------|------|
| <b>1500</b> | MBh   | 54.7 | 56.3 | 60.9 | 65.4 | 53.4 | 55.0 | 59.5 | 63.9 | 52.1 | 53.7 | 58.1 | 62.3 | 50.9 | <b>52.4</b> | 56.7 | 60.8 | 48.3 | 49.7 | 53.8 | 57.8 | 44.7 | 46.1 | 49.9 | 53.5 |
|             | S/T   | 0.75 | 0.67 | 0.50 | 0.32 | 0.77 | 0.69 | 0.52 | 0.34 | 0.79 | 0.71 | 0.54 | 0.35 | 0.82 | <b>0.73</b> | 0.55 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.86 | 0.77 | 0.58 | 0.37 |
|             | ΔT    | 25   | 23   | 19   | 13   | 25   | 23   | 19   | 13   | 25   | 23   | 19   | 13   | 26   | <b>23</b>   | 19   | 13   | 25   | 23   | 19   | 13   | 23   | 22   | 18   | 12   |
|             | kW    | 4.00 | 4.09 | 4.22 | 4.35 | 4.31 | 4.40 | 4.55 | 4.69 | 4.58 | 4.68 | 4.84 | 5.00 | 4.82 | <b>4.93</b> | 5.09 | 5.26 | 5.03 | 5.14 | 5.31 | 5.49 | 5.20 | 5.32 | 5.50 | 5.69 |
|             | Amps  | 15.5 | 15.9 | 16.4 | 17.1 | 16.8 | 17.2 | 17.8 | 18.5 | 18.3 | 18.8 | 19.4 | 20.2 | 19.6 | <b>20.1</b> | 20.8 | 21.6 | 20.9 | 21.4 | 22.2 | 23.0 | 22.2 | 22.7 | 23.5 | 24.4 |
| <b>1750</b> | HI PR | 230  | 248  | 262  | 273  | 258  | 278  | 294  | 306  | 294  | 316  | 334  | 348  | 335  | <b>360</b>  | 380  | 397  | 377  | 405  | 428  | 446  | 416  | 448  | 473  | 493  |
|             | LO PR | 99   | 105  | 115  | 122  | 104  | 111  | 121  | 129  | 108  | 115  | 126  | 134  | 114  | <b>121</b>  | 132  | 141  | 119  | 127  | 139  | 148  | 124  | 131  | 143  | 153  |
|             | MBh   | 56.3 | 58.0 | 62.7 | 67.3 | 55.0 | 56.6 | 61.3 | 65.8 | 53.7 | 55.3 | 59.8 | 64.2 | 52.4 | <b>53.9</b> | 58.4 | 62.6 | 49.8 | 51.2 | 55.5 | 59.5 | 46.1 | 47.5 | 51.4 | 55.1 |
|             | S/T   | 0.78 | 0.70 | 0.53 | 0.34 | 0.81 | 0.72 | 0.55 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | <b>0.77</b> | 0.58 | 0.37 | 0.89 | 0.80 | 0.60 | 0.39 | 0.90 | 0.80 | 0.61 | 0.39 |
|             | ΔT    | 23   | 21   | 17   | 12   | 23   | 22   | 18   | 12   | 23   | 22   | 18   | 12   | 24   | <b>22</b>   | 18   | 12   | 23   | 21   | 18   | 12   | 22   | 20   | 16   | 11   |
| <b>2000</b> | kW    | 4.03 | 4.12 | 4.25 | 4.39 | 4.34 | 4.44 | 4.58 | 4.73 | 4.62 | 4.72 | 4.88 | 5.04 | 4.86 | <b>4.97</b> | 5.14 | 5.31 | 5.07 | 5.18 | 5.36 | 5.54 | 5.25 | 5.37 | 5.55 | 5.74 |
|             | Amps  | 15.7 | 16.1 | 16.6 | 17.2 | 17.0 | 17.4 | 18.0 | 18.7 | 18.5 | 18.9 | 19.6 | 20.3 | 19.8 | <b>20.3</b> | 21.0 | 21.8 | 21.1 | 21.6 | 22.4 | 23.2 | 22.4 | 22.9 | 23.7 | 24.7 |
|             | HI PR | 233  | 250  | 264  | 276  | 261  | 281  | 297  | 309  | 297  | 320  | 337  | 352  | 338  | <b>364</b>  | 384  | 401  | 380  | 409  | 432  | 451  | 420  | 452  | 478  | 498  |
|             | LO PR | 100  | 106  | 116  | 123  | 105  | 112  | 122  | 130  | 110  | 117  | 127  | 136  | 115  | <b>122</b>  | 134  | 142  | 121  | 128  | 140  | 149  | 125  | 133  | 145  | 154  |
|             | MBh   | 56.6 | 58.3 | 63.1 | 67.7 | 55.3 | 56.9 | 61.6 | 66.1 | 53.9 | 55.5 | 60.1 | 64.5 | 52.6 | <b>54.2</b> | 58.7 | 63.0 | 50.0 | 51.5 | 55.7 | 59.8 | 46.3 | 47.7 | 51.6 | 55.4 |
| <b>2000</b> | S/T   | 0.79 | 0.71 | 0.54 | 0.35 | 0.82 | 0.73 | 0.56 | 0.36 | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | <b>0.78</b> | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.91 | 0.81 | 0.62 | 0.40 |
|             | ΔT    | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | <b>19</b>   | 16   | 11   | 21   | 19   | 16   | 11   | 19   | 18   | 15   | 10   |
|             | kW    | 4.06 | 4.15 | 4.28 | 4.42 | 4.38 | 4.48 | 4.62 | 4.77 | 4.66 | 4.76 | 4.92 | 5.08 | 4.90 | <b>5.01</b> | 5.18 | 5.35 | 5.11 | 5.23 | 5.40 | 5.59 | 5.29 | 5.41 | 5.59 | 5.78 |
|             | Amps  | 15.8 | 16.2 | 16.7 | 17.4 | 17.1 | 17.6 | 18.1 | 18.8 | 18.7 | 19.1 | 19.8 | 20.5 | 20.0 | <b>20.5</b> | 21.2 | 22.0 | 21.3 | 21.8 | 22.6 | 23.5 | 22.6 | 23.2 | 24.0 | 24.9 |
|             | HI PR | 235  | 253  | 267  | 278  | 264  | 284  | 300  | 312  | 300  | 323  | 341  | 355  | 341  | <b>367</b>  | 388  | 405  | 384  | 413  | 437  | 455  | 424  | 457  | 482  | 503  |
|             | LO PR | 101  | 107  | 117  | 125  | 106  | 113  | 124  | 132  | 111  | 118  | 129  | 137  | 116  | <b>124</b>  | 135  | 144  | 122  | 130  | 141  | 151  | 126  | 134  | 146  | 156  |

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

Shaded area is ACCA (TVA) conditions.

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

|      |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |
|------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
|      |         | 65                          |      |      |      |      | 75   |      |      |      |      | 85   |      |      |      |      | 95   |      |      |      |      | 105  |      |      |      |      | 115  |      |      |  |  |
| 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   |  |  |
| 80   | MBh     | 55.6                        | 56.9 | 60.7 | 64.9 | 54.3 | 55.5 | 59.3 | 63.4 | 53.0 | 54.2 | 57.9 | 61.9 | 51.8 | 52.9 | 56.5 | 60.4 | 49.2 | 50.2 | 53.7 | 57.4 | 45.5 | 46.5 | 49.7 | 53.2 | 45.5 | 46.5 | 49.7 | 53.2 |  |  |
|      | S/T     | 0.82                        | 0.77 | 0.62 | 0.47 | 0.85 | 0.80 | 0.65 | 0.48 | 0.87 | 0.82 | 0.66 | 0.50 | 0.90 | 0.84 | 0.69 | 0.51 | 0.93 | 0.87 | 0.71 | 0.53 | 0.94 | 0.88 | 0.72 | 0.54 | 0.94 | 0.88 | 0.72 | 0.54 |  |  |
|      | ΔT      | 28                          | 27   | 23   | 19   | 28   | 27   | 24   | 19   | 28   | 27   | 24   | 19   | 28   | 27   | 24   | 19   | 28   | 27   | 23   | 19   | 26   | 25   | 22   | 17   | 26   | 25   | 22   | 17   |  |  |
|      | kW      | 4.03                        | 4.12 | 4.25 | 4.39 | 4.35 | 4.44 | 4.58 | 4.73 | 4.62 | 4.72 | 4.88 | 5.04 | 4.86 | 4.97 | 5.14 | 5.31 | 5.07 | 5.18 | 5.36 | 5.54 | 5.25 | 5.37 | 5.55 | 5.74 | 5.25 | 5.37 | 5.55 | 5.74 |  |  |
|      | Amps    | 15.7                        | 16.1 | 16.6 | 17.2 | 17.0 | 17.4 | 18.0 | 18.7 | 18.5 | 18.9 | 19.6 | 20.3 | 19.8 | 20.3 | 21.0 | 21.8 | 21.1 | 21.6 | 22.4 | 23.2 | 22.4 | 22.9 | 23.7 | 24.7 | 22.4 | 22.9 | 23.7 | 24.7 |  |  |
|      | HI PR   | 233                         | 250  | 264  | 276  | 261  | 281  | 297  | 309  | 297  | 320  | 337  | 352  | 338  | 364  | 384  | 401  | 380  | 409  | 432  | 451  | 420  | 452  | 478  | 498  | 420  | 452  | 478  | 498  |  |  |
|      | LO PR   | 100                         | 106  | 116  | 123  | 105  | 112  | 122  | 130  | 110  | 117  | 127  | 136  | 115  | 122  | 134  | 142  | 121  | 128  | 140  | 149  | 125  | 133  | 145  | 154  | 125  | 133  | 145  | 154  |  |  |
| 1750 | MBh     | 57.3                        | 58.6 | 62.6 | 66.9 | 56.0 | 57.2 | 61.1 | 65.3 | 54.6 | 55.8 | 59.6 | 63.8 | 53.3 | 54.5 | 58.2 | 62.2 | 50.6 | 51.7 | 55.3 | 59.1 | 46.9 | 47.9 | 51.2 | 54.7 | 46.9 | 47.9 | 51.2 | 54.7 |  |  |
|      | S/T     | 0.86                        | 0.80 | 0.65 | 0.49 | 0.89 | 0.83 | 0.68 | 0.51 | 0.91 | 0.85 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 1.00 | 0.92 | 0.75 | 0.56 | 1.00 | 0.92 | 0.75 | 0.56 | 1.00 | 0.92 | 0.75 | 0.56 |  |  |
|      | ΔT      | 26                          | 25   | 22   | 17   | 26   | 25   | 22   | 17   | 26   | 25   | 22   | 17   | 26   | 25   | 22   | 18   | 27   | 25   | 22   | 17   | 25   | 23   | 20   | 16   | 25   | 23   | 20   | 16   |  |  |
|      | kW      | 4.07                        | 4.15 | 4.28 | 4.42 | 4.38 | 4.48 | 4.62 | 4.77 | 4.66 | 4.76 | 4.92 | 5.08 | 4.90 | 5.01 | 5.18 | 5.35 | 5.11 | 5.23 | 5.40 | 5.59 | 5.29 | 5.41 | 5.59 | 5.79 | 5.29 | 5.41 | 5.59 | 5.79 |  |  |
|      | Amps    | 15.8                        | 16.2 | 16.7 | 17.4 | 17.1 | 17.6 | 18.2 | 18.9 | 18.7 | 19.1 | 19.8 | 20.5 | 20.0 | 20.5 | 21.2 | 22.0 | 21.3 | 21.8 | 22.6 | 23.5 | 22.6 | 23.2 | 24.0 | 24.9 | 22.6 | 23.2 | 24.0 | 24.9 |  |  |
|      | HI PR   | 235                         | 253  | 267  | 279  | 264  | 284  | 300  | 313  | 300  | 323  | 341  | 355  | 342  | 368  | 388  | 405  | 384  | 414  | 437  | 455  | 425  | 457  | 482  | 503  | 425  | 457  | 482  | 503  |  |  |
|      | LO PR   | 101                         | 107  | 117  | 125  | 107  | 113  | 124  | 132  | 111  | 118  | 129  | 137  | 116  | 124  | 135  | 144  | 122  | 130  | 142  | 151  | 126  | 134  | 146  | 156  | 126  | 134  | 146  | 156  |  |  |
| 2000 | MBh     | 57.6                        | 58.8 | 62.9 | 67.2 | 56.2 | 57.5 | 61.4 | 65.6 | 54.9 | 56.1 | 59.9 | 64.1 | 53.6 | 54.7 | 58.5 | 62.5 | 50.9 | 52.0 | 55.6 | 59.4 | 47.1 | 48.2 | 51.5 | 55.0 | 47.1 | 48.2 | 51.5 | 55.0 |  |  |
|      | S/T     | 0.87                        | 0.82 | 0.66 | 0.50 | 0.90 | 0.85 | 0.69 | 0.51 | 0.92 | 0.87 | 0.71 | 0.53 | 0.95 | 0.89 | 0.73 | 0.54 | 1.00 | 0.93 | 0.76 | 0.56 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.94 | 0.76 | 0.57 |  |  |
|      | ΔT      | 23                          | 22   | 19   | 15   | 23   | 22   | 19   | 16   | 23   | 22   | 19   | 16   | 23   | 23   | 20   | 16   | 23   | 22   | 19   | 15   | 22   | 21   | 18   | 14   | 22   | 21   | 18   | 14   |  |  |
|      | kW      | 4.10                        | 4.19 | 4.32 | 4.46 | 4.42 | 4.51 | 4.66 | 4.81 | 4.70 | 4.80 | 4.96 | 5.12 | 4.94 | 5.06 | 5.22 | 5.40 | 5.16 | 5.27 | 5.45 | 5.63 | 5.34 | 5.46 | 5.64 | 5.84 | 5.34 | 5.46 | 5.64 | 5.84 |  |  |
|      | Amps    | 16.0                        | 16.4 | 16.9 | 17.6 | 17.3 | 17.7 | 18.3 | 19.0 | 18.8 | 19.3 | 20.0 | 20.7 | 20.2 | 20.7 | 21.4 | 22.2 | 21.5 | 22.0 | 22.8 | 23.7 | 22.8 | 23.4 | 24.2 | 25.1 | 22.8 | 23.4 | 24.2 | 25.1 |  |  |
|      | HI PR   | 237                         | 255  | 270  | 281  | 266  | 287  | 303  | 316  | 303  | 326  | 344  | 359  | 345  | 371  | 392  | 409  | 388  | 418  | 441  | 460  | 429  | 461  | 487  | 508  | 429  | 461  | 487  | 508  |  |  |
|      | LO PR   | 102                         | 108  | 118  | 126  | 108  | 114  | 125  | 133  | 112  | 119  | 130  | 138  | 117  | 125  | 136  | 145  | 123  | 131  | 143  | 152  | 127  | 135  | 148  | 157  | 127  | 135  | 148  | 157  |  |  |

|      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85   | MBh   | 56.6 | 57.7 | 60.4 | 64.5 | 55.3 | 56.4 | 59.0 | 63.0 | 54.0 | 55.0 | 57.6 | 61.5 | 52.7 | 53.7 | 56.2 | 60.0 | 50.0 | 51.0 | 53.4 | 57.0 | 46.3 | 47.2 | 49.5 | 52.8 | 46.3 | 47.2 | 49.5 | 52.8 |
|      | S/T   | 0.86 | 0.83 | 0.75 | 0.61 | 0.89 | 0.86 | 0.77 | 0.63 | 0.91 | 0.88 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.66 | 0.98 | 0.94 | 0.85 | 0.69 | 0.98 | 0.95 | 0.86 | 0.70 | 0.98 | 0.95 | 0.86 | 0.70 |
|      | ΔT    | 30   | 29   | 28   | 24   | 30   | 30   | 28   | 24   | 30   | 30   | 28   | 24   | 30   | 30   | 28   | 24   | 30   | 29   | 28   | 24   | 28   | 28   | 26   | 23   | 28   | 28   | 26   | 23   |
|      | kW    | 4.07 | 4.15 | 4.28 | 4.42 | 4.38 | 4.48 | 4.62 | 4.77 | 4.66 | 4.76 | 4.92 | 5.08 | 4.90 | 5.01 | 5.18 | 5.35 | 5.11 | 5.23 | 5.40 | 5.59 | 5.29 | 5.41 | 5.59 | 5.79 | 5.29 | 5.41 | 5.59 | 5.79 |
|      | Amps  | 15.8 | 16.2 | 16.7 | 17.4 | 17.1 | 17.6 | 18.2 | 18.9 | 18.7 | 19.1 | 19.8 | 20.5 | 20.0 | 20.5 | 21.2 | 22.0 | 21.3 | 21.8 | 22.6 | 23.5 | 22.6 | 23.2 | 24.0 | 24.9 | 22.6 | 23.2 | 24.0 | 24.9 |
| 1500 | HI PR | 235  | 253  | 267  | 279  | 264  | 284  | 300  | 313  | 300  | 323  | 341  | 355  | 342  | 368  | 388  | 405  | 384  | 414  | 437  | 455  | 425  | 457  | 482  | 503  | 425  | 457  | 482  | 503  |
|      | LO PR | 101  | 107  | 117  | 125  | 107  | 113  | 124  | 132  | 111  | 118  | 129  | 137  | 116  | 124  | 135  | 144  | 122  | 130  | 142  | 151  | 126  | 134  | 146  | 156  | 126  | 134  | 146  | 156  |
|      | MBh   | 58.3 | 59.4 | 62.2 | 66.4 | 56.9 | 58.1 | 60.8 | 64.9 | 55.6 | 56.7 | 59.4 | 63.3 | 54.2 | 55.3 | 57.9 | 61.8 | 51.5 | 52.5 | 55.0 | 58.7 | 47.7 | 48.7 | 51.0 | 54.4 | 47.7 | 48.7 | 51.0 | 54.4 |
|      | S/T   | 0.90 | 0.87 | 0.78 | 0.64 | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.92 | 0.83 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.90 | 0.73 |
|      | ΔT    | 28   | 27   | 26   | 22   | 28   | 27   | 26   | 22   | 28   | 27   | 26   | 22   | 28   | 28   | 26   | 23   | 27   | 27   | 26   | 22   | 25   | 25   | 24   | 21   | 25   | 25   | 24   | 21   |
| 1750 | kW    | 4.10 | 4.19 | 4.32 | 4.46 | 4.42 | 4.51 | 4.66 | 4.81 | 4.70 | 4.80 | 4.96 | 5.12 | 4.95 | 5.06 | 5.22 | 5.40 | 5.16 | 5.27 | 5.45 | 5.63 | 5.34 | 5.46 | 5.64 | 5.84 | 5.34 | 5.46 | 5.64 | 5.84 |
|      | Amps  | 16.0 | 16.4 | 16.9 | 17.6 | 17.3 | 17.7 | 18.3 | 19.0 | 18.8 | 19.3 | 20.0 | 20.7 | 20.2 | 20.7 | 21.4 | 22.2 | 21.5 | 22.0 | 22.8 | 23.7 | 22.8 | 23.4 | 24.2 | 25.1 | 22.8 | 23.4 | 24.2 | 25.1 |
|      | HI PR | 237  | 255  | 270  | 281  | 266  | 287  | 303  | 316  | 303  | 326  | 344  | 359  | 345  | 371  | 392  | 409  | 388  | 418  | 441  | 460  | 429  | 461  | 487  | 508  | 429  | 461  | 487  | 508  |
|      | LO PR | 102  | 108  | 118  | 126  | 108  | 114  | 125  | 133  | 112  | 119  | 130  | 138  | 117  | 125  | 136  | 145  | 123  | 131  | 143  | 152  | 127  | 135  | 148  | 157  | 127  | 135  | 148  | 157  |
|      | MBh   | 58.6 | 59.7 | 62.5 | 66.7 | 57.2 | 58.3 | 61.1 | 65.2 | 55.9 | 56.9 | 59.6 | 63.6 | 54.5 | 55.6 | 58.2 | 62.1 | 51.8 | 52.8 | 55.3 | 59.0 | 48.0 | 48.9 | 51.2 | 54.6 | 48.0 | 48.9 | 51.2 | 54.6 |
| 2000 | S/T   | 0.91 | 0.88 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.67 | 0.97 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.91 | 0.74 |
|      | ΔT    | 25   | 24   | 23   | 20   | 25   | 24   | 23   | 20   | 25   | 24   | 23   | 20   | 25   | 25   | 23   | 20   | 24   | 24   | 23   | 20   | 22   | 22   | 21   | 19   | 22   | 22   | 21   | 19   |
|      | kW    | 4.13 | 4.22 | 4.35 | 4.50 | 4.45 | 4.55 | 4.70 | 4.85 | 4.74 | 4.84 | 5.00 | 5.17 | 4.99 | 5.10 | 5.27 | 5.45 | 5.20 | 5.32 | 5.49 | 5.68 | 5.38 | 5.50 | 5.69 | 5.89 | 5.38 | 5.50 | 5.69 | 5.89 |
|      | Amps  | 16.1 | 16.5 | 17.1 | 17.7 | 17.5 | 17.9 | 18.5 | 19.2 | 19.0 | 19.5 | 20.1 | 20.9 | 20.4 | 20.9 | 21.6 | 22.4 | 21.7 | 22.2 | 23.0 | 23.9 | 23.0 | 23.6 | 24.4 | 25.4 | 23.0 | 23.6 | 24.4 | 25.4 |
|      | HI PR | 240  | 258  | 272  | 284  | 269  | 289  | 306  | 319  | 306  | 329  | 348  | 363  | 348  | 375  | 396  | 413  | 392  | 422  | 445  | 465  | 433  | 466  | 492  | 513  | 433  | 466  | 492  | 513  |
|      | LO PR | 103  | 109  | 119  | 127  | 109  | 116  | 126  | 134  | 113  | 120  | 131  | 140  | 119  | 126  | 138  | 147  | 124  | 132  | 144  | 154  | 129  | 137  | 149  | 159  | 129  | 137  | 149  | 159  |

IDB: Entering Indoor Dry Bulb Temperature

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

Shaded area is AHRI conditions.

Amps = outdoor unit amps (comp.+fan)

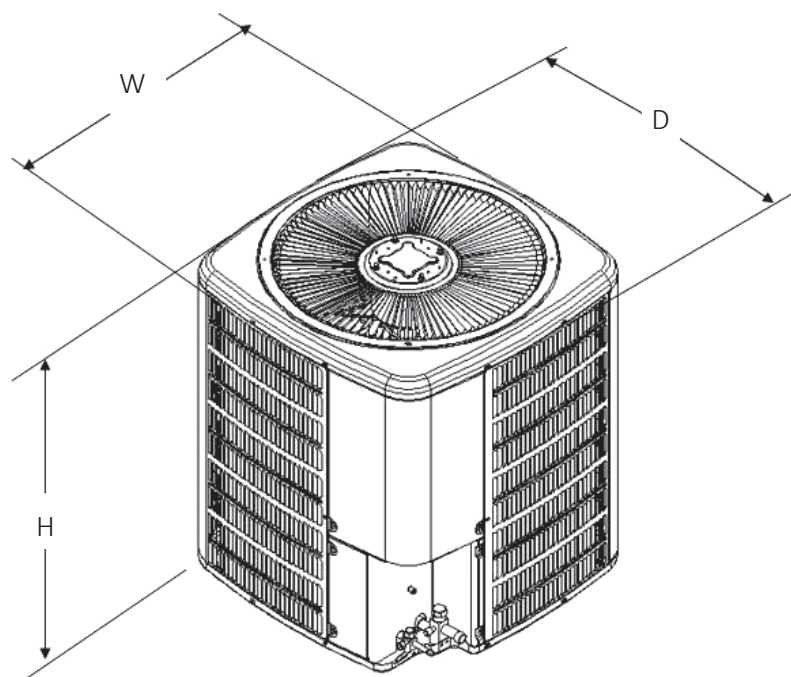
kW=Total system power

| OUTDOOR UNIT         | INDOOR UNITS                | COOLING RATINGS    |                   |                  | SCFM | AHRI #    |
|----------------------|-----------------------------|--------------------|-------------------|------------------|------|-----------|
|                      | COILS/AIR HANDLERS          | TOTAL <sup>1</sup> | SEER <sup>2</sup> | EER <sup>3</sup> |      |           |
| DX13SA<br>0363A*     | ARUF37C14A*                 | 34000              | 13.00             | 11.00            | 1050 | 7988968   |
|                      | ARUF37D14A*                 | 34400              | 13.00             | 11.00            | 1070 | 8875402   |
|                      | ASPT37C14A*                 | 35000              | 13.50             | 11.20            | 1100 | 8875380   |
|                      | AWUF36XX16B*                | 33400              | 13.00             | 11.00            | 1150 | 6334381   |
|                      | AWUF37XX16B*                | 34000              | 13.00             | 11.00            | 1200 | 6334382   |
|                      | CA*F3636*6D*+EEP            | 35000              | 13.00             | 11.00            | 1200 | 6334383   |
|                      | CA*F3642*6D*+MBVC1600**-1A* | 35400              | 14.00             | 11.50            | 1200 | 6334384   |
|                      | CA*F3743*6D*+EEP            | 34600              | 13.00             | 11.00            | 1200 | 6334385   |
|                      | CA*F3743*6D*+EEP+TXV        | 34600              | 13.50             | 11.00            | 1200 | 6334386   |
|                      | CA*F3743*6D*+MBVC1600**-1A* | 35400              | 14.00             | 11.50            | 1200 | 6334387   |
|                      | CHPF3636B6C*+EEP            | 35400              | 13.00             | 11.00            | 1200 | 6334388   |
|                      | CHPF3642C6C*+EEP            | 35400              | 13.00             | 11.00            | 1200 | 6334389   |
|                      | CHPF3642C6C*+MBVC1600**-1A* | 35400              | 14.00             | 11.50            | 1200 | 6334390   |
|                      | CSCF3036N6D*+EEP            | 35000              | 13.00             | 11.00            | 1200 | 6334392   |
|                      | CSCF3642N6D*+EEP            | 35400              | 13.00             | 11.00            | 1200 | 6334393   |
| DX13SA<br>0364A*     | ARUF37C14A*                 | 34000              | 13.00             | 11.00            | 1050 | 8482819   |
|                      | ARUF37D14A*                 | 34400              | 13.00             | 11.00            | 1070 | 8875403   |
|                      | ASPT37C14A*                 | 35000              | 13.5              | 11.2             | 1100 | 204471676 |
|                      | AWUF36XX16B*                | 33400              | 13.00             | 11.00            | 1150 | 8482824   |
|                      | AWUF37XX16B*                | 34000              | 13.00             | 11.00            | 1200 | 8482825   |
|                      | CA*F3636*6D*+EEP            | 35000              | 13.00             | 11.00            | 1200 | 8338227   |
|                      | CA*F3642*6D*+MBVC1600**-1A* | 35400              | 14.00             | 11.50            | 1200 | 8482826   |
|                      | CA*F3743*6D*+EEP            | 34600              | 13.00             | 11.00            | 1200 | 8482827   |
|                      | CA*F3743*6D*+EEP+TXV        | 34600              | 13.50             | 11.00            | 1200 | 8482828   |
|                      | CA*F3743*6D*+MBVC1600**-1A* | 35400              | 14.00             | 11.50            | 1200 | 8482829   |
|                      | CHPF3636B6C*+EEP            | 35400              | 13.00             | 11.00            | 1200 | 8482830   |
|                      | CHPF3642C6C*+EEP            | 35400              | 13.00             | 11.00            | 1200 | 8482831   |
|                      | CHPF3642C6C*+MBVC1600**-1A* | 35400              | 14.00             | 11.50            | 1200 | 8482832   |
|                      | CSCF3036N6D*+EEP            | 35000              | 13.00             | 11.00            | 1200 | 8482834   |
|                      | CSCF3642N6D*+EEP            | 35400              | 13.00             | 11.00            | 1200 | 8377445   |
| DX13SA<br>0483A*     | ARUF49D14A*                 | 45000              | 13.00             | 11.00            | 1455 | 8171750   |
|                      | ASPT49D14A*                 | 46000              | 14.00             | 11.30            | 1550 | 204471677 |
|                      | CA*F4860*6D*+EEP            | 46000              | 13.00             | 11.00            | 1600 | 6334404   |
|                      | CA*F4860*6D*+MBVC2000**-1A* | 46000              | 14.00             | 11.30            | 1600 | 6334405   |
|                      | CHPF4860D6D*+EEP            | 46000              | 13.00             | 11.00            | 1600 | 6334406   |
|                      | CHPF4860D6D*+MBVC2000**-1A* | 46000              | 14.00             | 11.30            | 1600 | 6334407   |
|                      | CSCF4860N6D*+EEP            | 46000              | 13.00             | 11.00            | 1600 | 6334408   |
| (2) DX13SA<br>0483A* | DAT09043A*                  | 88000              | 14.00             | 11.50            | 3000 | 7500104   |
| DX13SA<br>0484A*     | ARUF49D14A*                 | 45000              | 13.00             | 11.00            | 1450 | 8875404   |
|                      | ASPT49D14A*                 | 46000              | 14.00             | 11.30            | 1550 | 204471678 |
|                      | CA*F4860*6D*+EEP            | 46000              | 13.00             | 11.00            | 1600 | 6334417   |
|                      | CA*F4860*6D*+MBVC2000**-1A* | 46000              | 14.00             | 11.30            | 1600 | 6334418   |
|                      | CHPF4860D6D*+EEP            | 46000              | 13.00             | 11.00            | 1600 | 6334419   |
|                      | CHPF4860D6D*+MBVC2000**-1A* | 46000              | 14.00             | 11.30            | 1600 | 6334420   |
|                      | CSCF4860N6D*+EEP            | 46000              | 13.00             | 11.00            | 1600 | 6334421   |
| (2) DX13SA<br>0484A* | DAT09044A*                  | 88000              | 14.00             | 11.50            | 3000 | 7500105   |

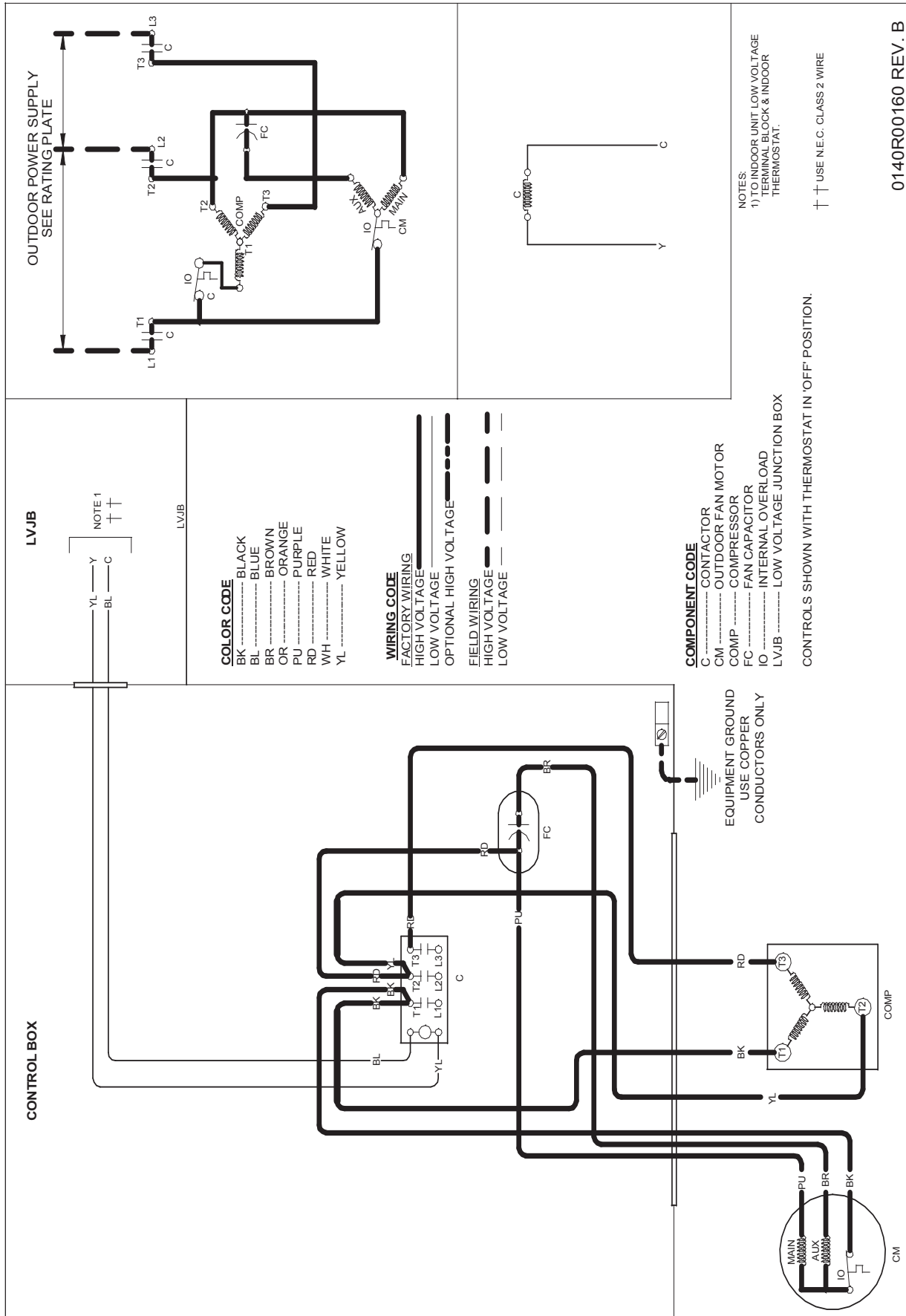
| OUTDOOR UNIT         | INDOOR UNITS                    | COOLING RATINGS    |                   |                  | SCFM | AHRI #  |
|----------------------|---------------------------------|--------------------|-------------------|------------------|------|---------|
|                      | COILS/AIR HANDLERS              | TOTAL <sup>1</sup> | SEER <sup>2</sup> | EER <sup>3</sup> |      |         |
| DX13SA<br>0603A*     | ARUF61D14A*                     | 55500              | 13.00             | 11.00            | 1520 | 8000271 |
|                      | ASPT61D14A*                     | 55500              | 13.50             | 11.50            | 1450 | 8875399 |
|                      | CA*F4860*6D*+MBVC2000**-1A*+TXV | 56000              | 14.00             | 11.50            | 1575 | 6334431 |
|                      | CA*F4961*6D*+EEP                | 56500              | 13.00             | 11.00            | 1500 | 6334432 |
|                      | CA*F4961*6D*+MBVC2000**-1A*     | 57000              | 14.00             | 11.50            | 1575 | 6334433 |
|                      | CA*F4961*6D*+MBVC2000**-1A*+TXV | 57000              | 14.00             | 12.00            | 1575 | 6334434 |
|                      | CAPT4961*4A*+MBVC2000**-1A*     | 57000              | 14.00             | 12.00            | 1575 | 6334436 |
|                      | CHPF4860D6D*+MBVC2000**-1A*     | 57000              | 14.00             | 11.50            | 1575 | 6334438 |
|                      | CHPF4860D6D*+MBVC2000**-1A*+TXV | 57000              | 14.00             | 11.50            | 1575 | 6334439 |
|                      | CSCF4860N6D*+MBVC2000**-1A*+TXV | 56000              | 14.00             | 11.50            | 1575 | 6334442 |
| (2) DX13SA<br>0603A* | DAT12043A*                      | 114000             | 14.00             | 11.20            | 4000 | 7500106 |
| DX13SA<br>0604A*     | ARUF61D14A*                     | 55500              | 13                | 11               | 1520 | 8875401 |
|                      | ASPT61D14A*                     | 55500              | 13.5              | 11.5             | 1450 | 8875400 |
|                      | CA*F4860*6D*+MBVC2000**-1A*+TXV | 56000              | 14.00             | 11.50            | 1575 | 6334450 |
|                      | CA*F4961*6D*+MBVC2000**-1A*     | 57000              | 14.00             | 11.50            | 1575 | 6334452 |
|                      | CA*F4961*6D*+MBVC2000**-1A*+TXV | 57000              | 14.00             | 12.00            | 1575 | 6334453 |
|                      | CA*F4961*6D+EEP                 | 56500              | 13.00             | 11.00            | 1500 | 6334451 |
|                      | CAPT4961*4A*+MBVC2000**-1A*     | 57000              | 14.00             | 12.00            | 1575 | 6334455 |
|                      | CHPF4860D6D*+MBVC2000**-1A*     | 57000              | 14.00             | 11.50            | 1575 | 6334457 |
|                      | CHPF4860D6D*+MBVC2000**-1A*+TXV | 57000              | 14.00             | 11.50            | 1575 | 6334458 |
|                      | CSCF4860N6D*+MBVC2000**-1A*+TXV | 56000              | 14.00             | 11.50            | 1575 | 6334461 |
| (2) DX13SA<br>0604A* | DAT12044A*                      | 114000             | 14.00             | 11.20            | 4000 | 7500107 |

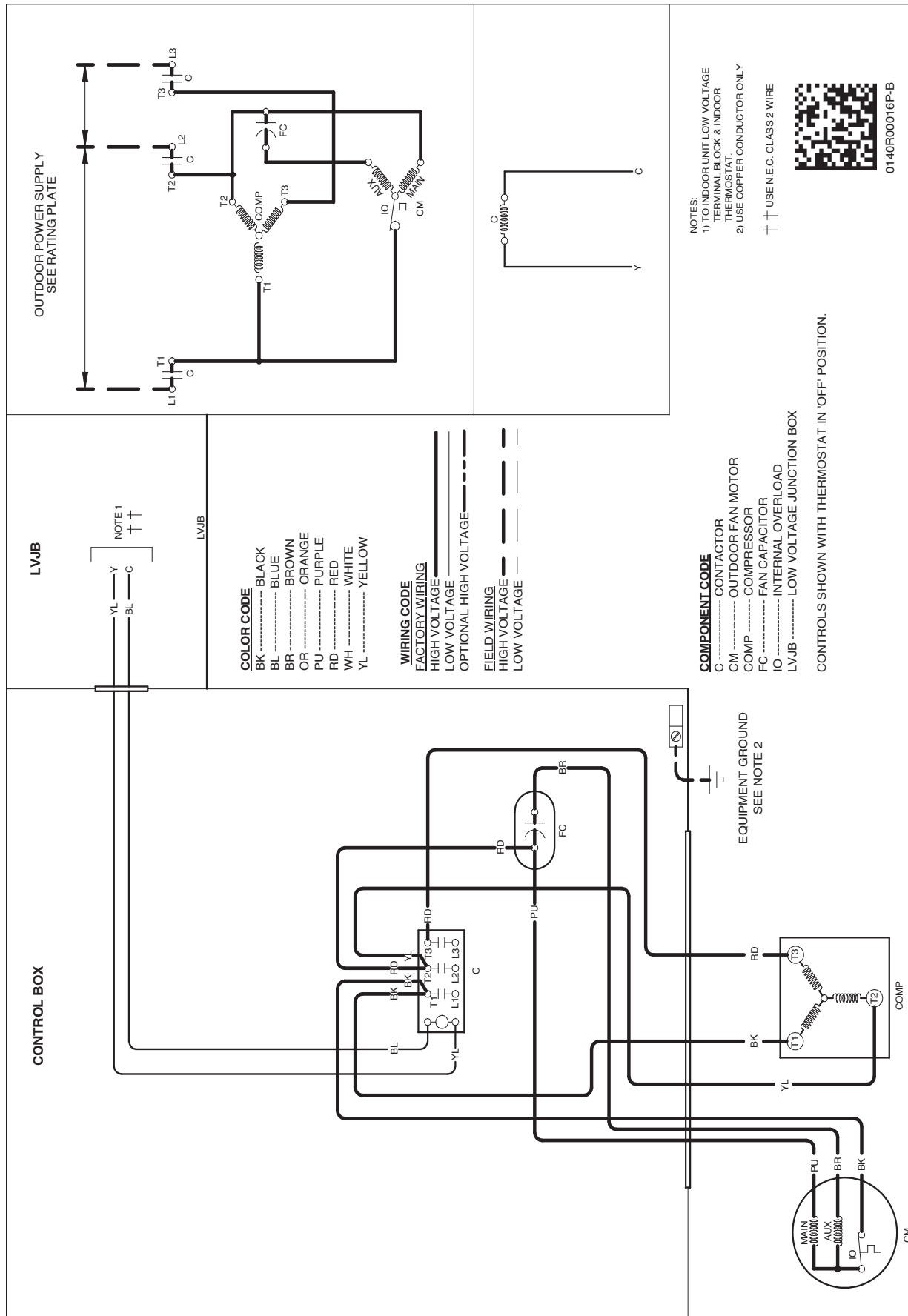
<sup>1</sup> BTU/h<sup>2</sup> Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240 @ 80°F/ 67°F/ 95°F<sup>3</sup> Energy Efficiency Ratio @ 80°F/ 67°F/ 95°F**NOTES**

- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP - Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Daikin brand gas furnace contains the EEP cooling time delay



| MODEL        | DIMENSIONS |      |      |
|--------------|------------|------|------|
|              | W          | D    | H    |
| DX13SA0363A* | 29"        | 29"  | 28¾" |
| DX13SA0364A* | 29"        | 29"  | 28¾" |
| DX13SA0483A* | 29"        | 29"  | 36¼" |
| DX13SA0484A* | 29"        | 29"  | 36¼" |
| DX13SA0603A* | 35½"       | 35½" | 38¼" |
| DX13SA0604A* | 35½"       | 35½" | 38¼" |





Wiring is subject to change. Always refer to the wiring diagram or 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.

| MODEL #             | DESCRIPTION                        | DX13SA<br>0363** | DX13SA<br>0364** | DX13SA<br>0483** | DX13SA<br>0484* | DX13SA<br>0603** | DX13SA<br>0604** |
|---------------------|------------------------------------|------------------|------------------|------------------|-----------------|------------------|------------------|
| ABK-20              | Anchor Bracket Kit ^               | x                | x                | x                | x               | x                | x                |
| ASC-01              | Anti-Short Cycle Kit               | x                | x                | x                | x               | x                | x                |
| FSK01A <sup>1</sup> | Freeze Protection Kit <sup>2</sup> | x                | x                | x                | x               | x                | x                |
| LSK01A <sup>2</sup> | Liquid Line Solenoid Kit           | x                | x                | x                | x               | x                | x                |
| LAKT01              | Low Ambient Kit                    | x                | x                | x                | x               | x                | x                |
| 0163R00002          | Crankcase heater                   | x                |                  |                  |                 |                  |                  |
| 0163R00003          | Crankcase heater                   |                  |                  | x                |                 | x                |                  |
| 0163R00004          | Crankcase Heater                   |                  |                  |                  | x               |                  | x                |
| 0163R00031          | Crankcase Heater                   |                  | x                |                  |                 |                  |                  |
| OY18-60A            | Outdoor Thermostat                 | x                | x                | x                | x               | x                | x                |
| TX3N4 <sup>2</sup>  | TXV Kit                            | x                | x                |                  |                 |                  |                  |
| TX5N4 <sup>2</sup>  | TXV Kit                            |                  |                  | x                | x               | x                | x                |

^ Contains 20 brackets; four brackets needed to anchor unit to pad

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

<sup>2</sup> Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit. The TXV should always be sized based on the tonnage of the outdoor unit.

[illegible]

[illegible]

[illegible]