

**COOLING CAPACITY: 18,000 - 60,000 BTU/H**  
**HEATING CAPACITY: 18,000 - 60,000 BTU/H**

**ENERGY-EFFICIENT**  
**SPLIT SYSTEM HEAT PUMP**  
**UP TO 15 SEER & 9.0 HSPF**



■ **Contents**

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■ **Standard Features**

- Energy-efficient compressor
- Time-delay technology to ensure quiet reliable defrost
- Factory-installed bi-flow liquid line filter drier
- Factory-installed suction line accumulator
- Factory-installed compressor crankcase heater
- Factory-installed high-capacity muffler
- Single-speed condenser fan motor
- Copper tube/enhanced aluminum fin coil
- High- and low-pressure switches
- Service valves with sweat connections and easy access to gauge ports
- AHRI Certified; ETL Listed

■ **Cabinet Features**

- Custom Nickel Gray powder-paint finish
- 500-hour salt-spray tested
- Heavy-gauge galvanized steel cabinet with louvered sound control top
- Steel louver coil guard
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2017 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



\* Complete warranty details available from your local dealer/contractor or at [www.daikincomfort.com](http://www.daikincomfort.com). To receive 2-Year Unit Replacement Limited Warranty and the 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration not required in California or Québec.

|                   | <b>D</b>   | <b>Z</b> | <b>14</b>  | <b>S</b> | <b>N</b> | <b>036</b>   | <b>3</b>                      | <b>A</b>  | <b>A</b>                  |  |   |
|-------------------|--|----------|------------|----------|----------|--------------|-------------------------------|-----------|---------------------------|--|---|
|                   | <b>1</b>   | <b>2</b> | <b>3,4</b> | <b>5</b> | <b>6</b> | <b>7,8,9</b> | <b>10</b>                     | <b>11</b> | <b>12</b>                 |  |   |
| <b>Brand</b>      | D - Daikin   |          |            |          |          |              |                               |           |                           |  | <b>Engineering</b>  |
|                   |  |          |            |          |          |              |                               |           |                           |  | Major & Minor revisions<br>* Not used for inventory control.  |
| <b>Type</b>       | X - AC R-410A<br>Z - HP R-410A   |          |            |          |          |              |                               |           |                           |  | <b>Voltage</b>  |
|                   |  |          |            |          |          |              |                               |           |                           |  | 1 - 208/230 V Single-Phase 60 Hz  |
| <b>SEER</b>       | 13 - 13 SEER    18 - 18 SEER<br>14 - 14 SEER    20 - 20 SEER<br>16 - 16 SEER |          |            |          |          |              |                               |           |                           |  | <b>Nominal Tonnage</b>  |
|                   |  |          |            |          |          |              |                               |           |                           |  | 018 - 1½ tons    042 - 3½ tons<br>024 - 2 tons    048 - 4 tons<br>030 - 2½ tons    060 - 5 tons<br>036 - 3 tons |
| <b>Compressor</b> | S - Single Stage<br>T - Two Stage  |          |            |          |          |              |                               |           |                           |  | <b>Feature Set</b>  |
|                   |  |          |            |          |          |              | A - Base<br>C - Communicating |           | D - Deluxe<br>N - Nominal |  |   |

|  | DZ14SN<br>0181A* | DZ14SN<br>0241A* | DZ14SN<br>0301A* | DZ14SN<br>0361A* | DZ14SN<br>0421A* | DZ14SN<br>0481A* | DZ14SN<br>0491A* | DZ14SN<br>0601A* |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>NOMINAL CAPACITIES</b>                |                  |                  |                  |                  |                  |                  |                  |                  |
| Cooling (BTU/h)                          | 18,000           | 24,000           | 30,000           | 36,000           | 42,000           | 48,000           | 48,000           | 60,000           |
| Heating (BTU/h)                          | 18,000           | 24,000           | 30,000           | 36,000           | 42,000           | 48,000           | 48,000           | 60,000           |
| SEER / EER                               | 14/11.5          | 14/11.5          | 14/11.5          | 14/11.5          | 14/11.5          | 14/11.5          | 14/11.5          | 14/11.5          |
| Decibels                                 | 72               | 72               | 74               | 74               | 75               | 75               | 76               | 76               |
| <b>COMPRESSOR</b>                        |                  |                  |                  |                  |                  |                  |                  |                  |
| RLA                                      | 9.0              | 10.9             | 13.5             | 15.4             | 16.7             | 18.5             | 19.9             | 26.4             |
| LRA                                      | 47.5             | 62.9             | 72.5             | 83.9             | 109.0            | 124.0            | 109.0            | 134.0            |
| Type                                     | Scroll           | Scroll           | Scroll           | Scroll           | Scroll           | Scroll           | Scroll           | Scroll           |
| <b>CONDENSER FAN MOTOR</b>               |                  |                  |                  |                  |                  |                  |                  |                  |
| Horsepower                               | 1/6              | 1/6              | 1/6              | 1/6              | 1/6              | 1/4              | 1/6              | 1/4              |
| FLA                                      | 0.95             | 0.95             | 0.95             | 0.95             | 1.1              | 1.3              | 1.1              | 1.3              |
| <b>REFRIGERATION SYSTEM</b>              |                  |                  |                  |                  |                  |                  |                  |                  |
| Refrigerant Line Size <sup>1</sup>       |                  |                  |                  |                  |                  |                  |                  |                  |
| Liquid Line Size ("O.D.)                 | 3/8"             | 3/8"             | 3/8"             | 3/8"             | 3/8"             | 3/8"             | 3/8"             | 3/8"             |
| Suction Line Size ("O.D.)                | 3/4"             | 3/4"             | 3/4"             | 7/8"             | 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"             | 3/8"             | 3/8"             |
| Suction Valve Size ("O.D.)               | 3/4"             | 3/4"             | 3/4"             | 3/4"             | 7/8"             | 3/4"             | 7/8"             | 7/8"             |
| Valve Connection Type                    | Sweat            | Sweat            | Sweat            | Sweat            | Sweat            | Sweat            | Sweat            | Sweat            |
| Refrigerant Charge (oz.)                 | 108              | 108              | 108              | 115              | 153              | 157              | 192              | 205              |
| <b>ELECTRICAL DATA</b>                   |                  |                  |                  |                  |                  |                  |                  |                  |
| Volts/Phase (60 Hz)                      | 208-230/1        | 208-230/1        | 208-230/1        | 208-230/1        | 208-230/1        | 208-230/1        | 208-230/1        | 208-230/1        |
| Minimum Circuit Ampacity <sup>2</sup>    | 12.2             | 14.6             | 17.8             | 20.2             | 22.0             | 24.4             | 26.0             | 34.3             |
| Max. Overcurrent Protection <sup>3</sup> | 20               | 25               | 30               | 35               | 35               | 40               | 45               | 60               |
| Min / Max Volts                          | 197 / 253        | 197 / 253        | 197 / 253        | 197 / 253        | 197 / 253        | 197 / 253        | 197 / 253        | 197 / 253        |
| 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"     | 1/2" or 3/4"     | 1/2" or 3/4"     |
| <b>EQUIPMENT WEIGHT (LBS)</b>            |                  |                  |                  |                  |                  |                  |                  |                  |
|  | 143              | 143              | 171              | 173              | 191              | 226              | 273              | 277              |
| <b>SHIP WEIGHT (LBS)</b>                 |                  |                  |                  |                  |                  |                  |                  |                  |
|  | 154              | 154              | 182              | 184              | 207              | 237              | 288              | 292              |

<sup>1</sup> Tested and rated in accordance with ARI Standard 210/240

<sup>2</sup> Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

<sup>3</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

**NOTES**

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply 3/8" to 1 1/8" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units may require the specified TXV Kit to be installed on the indoor coil.  
THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT NOT THE INDOOR COIL.

| IDB        |  | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |   |
|------------|--|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|---|
|            |  | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F |      |      |      | 105°F |      |      |      | 115°F |      |      |      |   |
|            |  | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |   |
| <b>525</b> |  | MBh                         | 17.9 | 18.1 | 18.7 | -    | 17.7 | 18.0 | 18.5 | -    | 17.3 | 17.5 | 18.0 | -    | 16.4 | 16.7 | 17.2 | -     | 15.5 | 15.7 | 16.3 | -     | 14.6 | 14.8 | 15.4 | - |
|            |  | S/T                         | 0.62 | 0.54 | 0.40 | -    | 0.62 | 0.55 | 0.40 | -    | 0.65 | 0.57 | 0.43 | -    | 1.00 | 0.59 | 0.45 | -     | 1.00 | 0.61 | 0.47 | -     | 1.00 | 0.67 | 0.53 | - |
|            |  | ΔT                          | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 18   | 14   | -    | 19   | 17   | 14   | -     | 19   | 17   | 14   | -     | 20   | 18   | 15   | - |
|            |  | kW                          | 1.06 | 1.05 | 1.05 | -    | 1.17 | 1.17 | 1.17 | -    | 1.30 | 1.30 | 1.30 | -    | 1.45 | 1.45 | 1.44 | -     | 1.61 | 1.60 | 1.60 | -     | 1.79 | 1.79 | 1.79 | - |
|            |  | Amps                        | 4.0  | 4.0  | 4.0  | -    | 4.5  | 4.5  | 4.5  | -    | 5.1  | 5.1  | 5.1  | -    | 5.8  | 5.8  | 5.8  | -     | 6.5  | 6.5  | 6.5  | -     | 7.4  | 7.4  | 7.4  | - |
|            |  | HI/PR                       | 244  | 245  | 247  | -    | 283  | 284  | 286  | -    | 323  | 325  | 326  | -    | 367  | 368  | 370  | -     | 414  | 415  | 417  | -     | 464  | 465  | 467  | - |
|            |  | LO/PR                       | 125  | 126  | 129  | -    | 132  | 134  | 137  | -    | 139  | 141  | 144  | -    | 145  | 146  | 149  | -     | 150  | 152  | 155  | -     | 157  | 159  | 162  | - |
| <b>610</b> |  | MBh                         | 18.1 | 18.4 | 18.9 | -    | 18.0 | 18.2 | 18.8 | -    | 17.5 | 17.8 | 18.3 | -    | 16.7 | 17.0 | 17.5 | -     | 15.7 | 16.0 | 16.5 | -     | 14.8 | 15.1 | 15.6 | - |
|            |  | S/T                         | 0.69 | 0.61 | 0.47 | -    | 0.69 | 0.62 | 0.48 | -    | 0.72 | 0.64 | 0.50 | -    | 1.00 | 0.66 | 0.52 | -     | 1.00 | 0.69 | 0.54 | -     | 1.00 | 0.74 | 0.60 | - |
|            |  | ΔT                          | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -     | 18   | 16   | 13   | -     | 19   | 17   | 14   | - |
|            |  | kW                          | 1.06 | 1.06 | 1.06 | -    | 1.18 | 1.18 | 1.18 | -    | 1.31 | 1.31 | 1.31 | -    | 1.45 | 1.45 | 1.45 | -     | 1.61 | 1.61 | 1.61 | -     | 1.80 | 1.80 | 1.80 | - |
|            |  | Amps                        | 4.0  | 4.0  | 4.0  | -    | 4.6  | 4.6  | 4.6  | -    | 5.2  | 5.2  | 5.2  | -    | 5.8  | 5.8  | 5.8  | -     | 6.6  | 6.6  | 6.5  | -     | 7.4  | 7.4  | 7.4  | - |
|            |  | HI/PR                       | 247  | 248  | 250  | -    | 285  | 286  | 288  | -    | 326  | 327  | 329  | -    | 369  | 370  | 372  | -     | 416  | 417  | 419  | -     | 466  | 468  | 469  | - |
|            |  | LO/PR                       | 127  | 128  | 131  | -    | 134  | 136  | 139  | -    | 141  | 143  | 146  | -    | 147  | 148  | 151  | -     | 152  | 154  | 157  | -     | 159  | 161  | 164  | - |
| <b>675</b> |  | MBh                         | 18.4 | 18.6 | 19.2 | -    | 18.2 | 18.5 | 19.0 | -    | 17.8 | 18.0 | 18.5 | -    | 16.9 | 17.2 | 17.7 | -     | 16.0 | 16.2 | 16.8 | -     | 15.1 | 15.3 | 15.9 | - |
|            |  | S/T                         | 0.72 | 0.64 | 0.50 | -    | 0.73 | 0.65 | 0.51 | -    | 0.75 | 0.67 | 0.53 | -    | 1.00 | 0.69 | 0.55 | -     | 1.00 | 0.72 | 0.58 | -     | 1.00 | 0.77 | 0.63 | - |
|            |  | ΔT                          | 17   | 16   | 12   | -    | 17   | 15   | 12   | -    | 17   | 16   | 12   | -    | 17   | 15   | 12   | -     | 17   | 15   | 12   | -     | 18   | 16   | 13   | - |
|            |  | kW                          | 1.07 | 1.07 | 1.06 | -    | 1.18 | 1.18 | 1.18 | -    | 1.32 | 1.31 | 1.31 | -    | 1.46 | 1.46 | 1.46 | -     | 1.62 | 1.62 | 1.61 | -     | 1.80 | 1.80 | 1.80 | - |
|            |  | Amps                        | 4.1  | 4.1  | 4.0  | -    | 4.6  | 4.6  | 4.6  | -    | 5.2  | 5.2  | 5.2  | -    | 5.8  | 5.8  | 5.8  | -     | 6.6  | 6.6  | 6.6  | -     | 7.4  | 7.4  | 7.4  | - |
|            |  | HI/PR                       | 248  | 250  | 251  | -    | 287  | 288  | 290  | -    | 328  | 329  | 330  | -    | 371  | 372  | 374  | -     | 418  | 419  | 421  | -     | 468  | 469  | 471  | - |
|            |  | LO/PR                       | 128  | 130  | 133  | -    | 136  | 138  | 141  | -    | 143  | 144  | 147  | -    | 148  | 150  | 153  | -     | 154  | 155  | 159  | -     | 161  | 162  | 166  | - |

|            |  |       |      |      |      |      |      |      |      |      |      |      |      |      |      |             |      |      |      |      |      |      |      |      |      |      |
|------------|--|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------|------|------|------|------|------|------|------|------|------|------|
| <b>525</b> |  | MBh   | 17.9 | 18.1 | 18.7 | 19.5 | 17.7 | 18.0 | 18.5 | 19.3 | 17.3 | 17.5 | 18.1 | 18.9 | 16.5 | <b>16.7</b> | 17.2 | 18.1 | 15.5 | 15.7 | 16.3 | 17.1 | 14.6 | 14.8 | 15.4 | 16.2 |
|            |  | S/T   | 0.75 | 0.67 | 0.53 | 0.38 | 0.76 | 0.68 | 0.54 | 0.39 | 1.00 | 0.78 | 0.64 | 0.49 | 1.00 | <b>0.72</b> | 0.58 | 0.44 | 1.00 | 0.75 | 0.61 | 0.46 | 1.00 | 1.00 | 0.66 | 0.51 |
|            |  | ΔT    | 23   | 21   | 18   | 15   | 23   | 21   | 18   | 15   | 23   | 22   | 18   | 15   | 23   | <b>21</b>   | 18   | 15   | 23   | 21   | 18   | 14   | 24   | 22   | 19   | 15   |
|            |  | kW    | 1.05 | 1.05 | 1.05 | 1.06 | 1.17 | 1.17 | 1.17 | 1.18 | 1.30 | 1.30 | 1.30 | 1.31 | 1.45 | <b>1.45</b> | 1.44 | 1.45 | 1.61 | 1.60 | 1.60 | 1.61 | 1.79 | 1.79 | 1.79 | 1.80 |
|            |  | Amps  | 4.0  | 4.0  | 4.0  | 4.0  | 4.5  | 4.5  | 4.5  | 4.6  | 5.1  | 5.1  | 5.1  | 5.2  | 5.8  | <b>5.8</b>  | 5.8  | 5.8  | 6.5  | 6.5  | 6.5  | 6.5  | 7.4  | 7.4  | 7.4  | 7.4  |
|            |  | HI/PR | 245  | 246  | 247  | 252  | 283  | 284  | 286  | 290  | 324  | 325  | 326  | 331  | 367  | <b>368</b>  | 370  | 374  | 414  | 415  | 417  | 421  | 464  | 465  | 467  | 471  |
|            |  | LO/PR | 125  | 126  | 129  | 135  | 132  | 134  | 137  | 142  | 139  | 141  | 144  | 149  | 145  | <b>146</b>  | 149  | 155  | 150  | 152  | 155  | 160  | 157  | 159  | 162  | 167  |
| <b>610</b> |  | MBh   | 18.2 | 18.4 | 18.9 | 19.8 | 18.0 | 18.2 | 18.8 | 19.6 | 17.5 | 17.8 | 18.3 | 19.1 | 16.7 | <b>17.0</b> | 17.5 | 18.3 | 15.7 | 16.0 | 16.5 | 17.3 | 14.8 | 15.1 | 15.6 | 16.4 |
|            |  | S/T   | 0.82 | 0.74 | 0.60 | 0.46 | 1.00 | 0.75 | 0.61 | 0.46 | 1.00 | 0.78 | 0.64 | 0.49 | 1.00 | <b>0.80</b> | 0.66 | 0.51 | 1.00 | 0.82 | 0.68 | 0.53 | 1.00 | 1.00 | 0.73 | 0.58 |
|            |  | ΔT    | 22   | 20   | 17   | 13   | 22   | 20   | 17   | 13   | 22   | 20   | 17   | 14   | 22   | <b>20</b>   | 17   | 13   | 22   | 20   | 17   | 13   | 23   | 21   | 18   | 14   |
|            |  | kW    | 1.06 | 1.06 | 1.06 | 1.07 | 1.18 | 1.18 | 1.18 | 1.19 | 1.31 | 1.31 | 1.31 | 1.32 | 1.45 | <b>1.45</b> | 1.45 | 1.46 | 1.61 | 1.61 | 1.61 | 1.62 | 1.80 | 1.80 | 1.80 | 1.80 |
|            |  | Amps  | 4.0  | 4.0  | 4.0  | 4.1  | 4.6  | 4.6  | 4.6  | 4.6  | 5.2  | 5.2  | 5.2  | 5.2  | 5.8  | <b>5.8</b>  | 5.8  | 5.9  | 6.6  | 6.5  | 6.5  | 6.6  | 7.4  | 7.4  | 7.4  | 7.4  |
|            |  | HI/PR | 247  | 248  | 250  | 254  | 286  | 287  | 288  | 293  | 326  | 327  | 329  | 333  | 370  | <b>371</b>  | 372  | 377  | 417  | 418  | 419  | 424  | 467  | 468  | 469  | 474  |
|            |  | LO/PR | 127  | 128  | 132  | 137  | 134  | 136  | 139  | 144  | 141  | 143  | 146  | 151  | 147  | <b>148</b>  | 151  | 157  | 152  | 154  | 157  | 162  | 159  | 161  | 164  | 169  |
| <b>675</b> |  | MBh   | 18.4 | 18.6 | 19.2 | 20.0 | 18.2 | 18.5 | 19.0 | 19.8 | 17.8 | 18.0 | 18.5 | 19.4 | 17.0 | <b>17.2</b> | 17.7 | 18.6 | 16.0 | 16.2 | 16.8 | 17.6 | 15.1 | 15.3 | 15.9 | 16.7 |
|            |  | S/T   | 0.85 | 0.77 | 0.63 | 0.49 | 1.00 | 0.78 | 0.64 | 0.49 | 1.00 | 0.81 | 0.67 | 0.52 | 1.00 | <b>0.83</b> | 0.69 | 0.54 | 1.00 | 1.00 | 0.71 | 0.56 | 1.00 | 1.00 | 0.76 | 0.62 |
|            |  | ΔT    | 21   | 19   | 16   | 13   | 21   | 19   | 16   | 13   | 21   | 20   | 16   | 13   | 21   | <b>19</b>   | 16   | 13   | 21   | 19   | 16   | 12   | 22   | 20   | 17   | 13   |
|            |  | kW    | 1.07 | 1.06 | 1.06 | 1.07 | 1.18 | 1.18 | 1.18 | 1.19 | 1.32 | 1.31 | 1.31 | 1.32 | 1.46 | <b>1.46</b> | 1.45 | 1.46 | 1.62 | 1.62 | 1.61 | 1.62 | 1.80 | 1.80 | 1.80 | 1.81 |
|            |  | Amps  | 4.1  | 4.0  | 4.0  | 4.1  | 4.6  | 4.6  | 4.6  | 4.6  | 5.2  | 5.2  | 5.2  | 5.2  | 5.8  | <b>5.8</b>  | 5.8  | 5.9  | 6.6  | 6.6  | 6.6  | 6.6  | 7.4  | 7.4  | 7.4  | 7.5  |
|            |  | HI/PR | 249  | 250  | 251  | 256  | 287  | 288  | 290  | 294  | 328  | 329  | 331  | 335  | 371  | <b>372</b>  | 374  | 378  | 418  | 419  | 421  | 425  | 468  | 469  | 471  | 475  |
|            |  | LO/PR | 129  | 130  | 133  | 139  | 136  | 138  | 141  | 146  | 143  | 144  | 147  | 153  | 148  | <b>150</b>  | 153  | 158  | 154  | 155  | 159  | 164  | 161  | 162  | 166  | 171  |

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects ACCA (TVA) Rating Conditions.  
 kW = Total system power  
 Amps = Outdoor unit amps (compressor + fan)

| IDB   | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |      |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|------|
|       |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F |      |      |      | 105°F |      |      |      | 115°F |      |      |      |      |
|       |         | 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    | 525     | MBh                         | 18.0 | 18.2 | 18.8 | 19.6 | 17.8 | 18.1 | 18.6 | 19.4 | 17.4 | 17.6 | 18.1 | 19.0 | 16.6 | 16.8 | 17.3 | 18.2  | 15.6 | 15.8 | 16.4 | 17.2  | 14.7 | 14.9 | 15.5 | 16.3 |
|       |         | S/T                         | 1.00 | 0.80 | 0.66 | 0.51 | 1.00 | 0.81 | 0.67 | 0.52 | 1.00 | 0.83 | 0.69 | 0.55 | 1.00 | 1.00 | 0.71 | 0.57  | 1.00 | 1.00 | 0.74 | 0.59  | 1.00 | 1.00 | 0.79 | 0.64 |
|       |         | ΔT                          | 27   | 25   | 22   | 19   | 27   | 25   | 22   | 19   | 27   | 25   | 22   | 19   | 27   | 25   | 22   | 19    | 27   | 25   | 22   | 18    | 28   | 26   | 23   | 19   |
|       |         | kW                          | 1.06 | 1.05 | 1.05 | 1.06 | 1.17 | 1.17 | 1.17 | 1.18 | 1.30 | 1.30 | 1.30 | 1.31 | 1.45 | 1.45 | 1.44 | 1.45  | 1.61 | 1.60 | 1.60 | 1.61  | 1.79 | 1.79 | 1.79 | 1.80 |
|       |         | Amps                        | 4.0  | 4.0  | 4.0  | 4.0  | 4.5  | 4.5  | 4.5  | 4.6  | 5.1  | 5.1  | 5.1  | 5.2  | 5.8  | 5.8  | 5.8  | 5.8   | 6.5  | 6.5  | 6.5  | 6.6   | 7.4  | 7.4  | 7.4  | 7.4  |
|       |         | HI PR                       | 245  | 246  | 248  | 252  | 284  | 285  | 286  | 291  | 324  | 325  | 327  | 331  | 368  | 369  | 370  | 375   | 415  | 416  | 417  | 422   | 465  | 466  | 468  | 472  |
|       | LO PR   | 125                         | 127  | 130  | 135  | 133  | 134  | 138  | 143  | 140  | 141  | 144  | 150  | 145  | 147  | 150  | 155  | 151   | 152  | 155  | 161  | 158   | 159  | 162  | 168  |      |
|       | MBh     | 18.2                        | 18.5 | 19.0 | 19.8 | 18.1 | 18.3 | 18.9 | 19.7 | 17.6 | 17.9 | 18.4 | 19.2 | 16.8 | 17.1 | 17.6 | 18.4 | 15.8  | 16.1 | 16.6 | 17.4 | 14.9  | 15.2 | 15.7 | 16.5 |      |
|       | S/T     | 1.00                        | 0.87 | 0.73 | 0.59 | 1.00 | 0.88 | 0.74 | 0.59 | 1.00 | 0.91 | 0.77 | 0.62 | 1.00 | 1.00 | 0.79 | 0.64 | 1.00  | 1.00 | 0.81 | 0.66 | 1.00  | 1.00 | 0.86 | 0.71 |      |
|       | ΔT      | 26                          | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 26   | 24   | 21   | 18   | 26   | 24   | 21   | 17   | 26    | 24   | 20   | 17   | 27    | 25   | 22   | 18   |      |
|       | kW      | 1.06                        | 1.06 | 1.06 | 1.07 | 1.18 | 1.18 | 1.18 | 1.19 | 1.31 | 1.31 | 1.31 | 1.32 | 1.45 | 1.45 | 1.45 | 1.46 | 1.61  | 1.61 | 1.61 | 1.62 | 1.80  | 1.80 | 1.80 | 1.81 |      |
|       | Amps    | 4.0                         | 4.0  | 4.0  | 4.1  | 4.6  | 4.6  | 4.6  | 4.6  | 5.2  | 5.2  | 5.2  | 5.2  | 5.8  | 5.8  | 5.8  | 5.9  | 6.6   | 6.6  | 6.6  | 6.6  | 7.4   | 7.4  | 7.4  | 7.4  |      |
| HI PR | 247     | 248                         | 250  | 254  | 286  | 287  | 289  | 293  | 326  | 328  | 329  | 334  | 370  | 371  | 373  | 377  | 417  | 418   | 420  | 424  | 467  | 468   | 470  | 474  |      |      |
| LO PR | 127     | 129                         | 132  | 137  | 135  | 136  | 140  | 145  | 142  | 143  | 146  | 152  | 147  | 149  | 152  | 157  | 153  | 154   | 157  | 163  | 160  | 161   | 164  | 170  |      |      |
| MBh   | 18.5    | 18.7                        | 19.3 | 20.1 | 18.3 | 18.6 | 19.1 | 19.9 | 17.9 | 18.1 | 18.6 | 19.5 | 17.0 | 17.3 | 17.8 | 18.7 | 16.1 | 16.3  | 16.9 | 17.7 | 15.2 | 15.4  | 16.0 | 16.8 |      |      |
| S/T   | 1.00    | 0.90                        | 0.76 | 0.62 | 1.00 | 0.91 | 0.77 | 0.62 | 1.00 | 0.94 | 0.80 | 0.65 | 1.00 | 1.00 | 0.82 | 0.67 | 1.00 | 1.00  | 0.84 | 0.69 | 1.00 | 1.00  | 0.89 | 0.74 |      |      |
| ΔT    | 25      | 23                          | 20   | 17   | 25   | 23   | 20   | 17   | 25   | 24   | 20   | 17   | 25   | 23   | 20   | 17   | 25   | 23    | 20   | 16   | 26   | 24    | 21   | 17   |      |      |
| kW    | 1.07    | 1.07                        | 1.06 | 1.07 | 1.18 | 1.18 | 1.18 | 1.19 | 1.32 | 1.31 | 1.31 | 1.32 | 1.46 | 1.46 | 1.46 | 1.46 | 1.62 | 1.62  | 1.61 | 1.62 | 1.80 | 1.80  | 1.80 | 1.81 |      |      |
| Amps  | 4.1     | 4.1                         | 4.0  | 4.1  | 4.6  | 4.6  | 4.6  | 4.6  | 5.2  | 5.2  | 5.2  | 5.2  | 5.8  | 5.8  | 5.8  | 5.9  | 6.6  | 6.6   | 6.6  | 6.6  | 7.4  | 7.4   | 7.4  | 7.5  |      |      |
| HI PR | 249     | 250                         | 252  | 256  | 288  | 289  | 291  | 295  | 328  | 329  | 331  | 335  | 372  | 373  | 375  | 379  | 419  | 420   | 422  | 426  | 469  | 470   | 472  | 476  |      |      |
| LO PR | 129     | 131                         | 134  | 139  | 137  | 138  | 141  | 147  | 143  | 145  | 148  | 153  | 149  | 150  | 154  | 159  | 154  | 156   | 159  | 165  | 161  | 163   | 166  | 171  |      |      |
| 85    | 525     | MBh                         | 18.3 | 18.5 | 19.1 | 19.9 | 18.1 | 18.4 | 18.9 | 19.7 | 17.7 | 17.9 | 18.4 | 19.3 | 16.9 | 17.1 | 17.6 | 18.5  | 15.9 | 16.1 | 16.7 | 17.5  | 15.0 | 15.2 | 15.8 | 16.6 |
|       |         | S/T                         | 1.00 | 0.91 | 0.77 | 0.62 | 1.00 | 1.00 | 0.77 | 0.63 | 1.00 | 1.00 | 0.80 | 0.65 | 1.00 | 1.00 | 0.82 | 0.67  | 1.00 | 1.00 | 0.84 | 0.69  | 1.00 | 1.00 | 1.00 | 0.75 |
|       |         | ΔT                          | 31   | 29   | 25   | 22   | 30   | 29   | 25   | 22   | 31   | 29   | 26   | 22   | 30   | 29   | 25   | 22    | 30   | 28   | 25   | 22    | 31   | 30   | 26   | 23   |
|       |         | kW                          | 1.06 | 1.06 | 1.05 | 1.06 | 1.18 | 1.17 | 1.17 | 1.18 | 1.31 | 1.31 | 1.30 | 1.31 | 1.45 | 1.45 | 1.45 | 1.45  | 1.61 | 1.61 | 1.60 | 1.61  | 1.79 | 1.79 | 1.79 | 1.80 |
|       |         | Amps                        | 4.0  | 4.0  | 4.0  | 4.0  | 4.6  | 4.6  | 4.5  | 4.6  | 5.2  | 5.2  | 5.1  | 5.2  | 5.8  | 5.8  | 5.8  | 5.8   | 6.5  | 6.5  | 6.5  | 6.6   | 7.4  | 7.4  | 7.4  | 7.4  |
|       |         | HI PR                       | 246  | 247  | 249  | 253  | 285  | 286  | 288  | 292  | 325  | 326  | 328  | 332  | 369  | 370  | 372  | 376   | 416  | 417  | 419  | 423   | 466  | 467  | 469  | 473  |
|       | LO PR   | 127                         | 129  | 132  | 137  | 135  | 136  | 140  | 145  | 141  | 143  | 146  | 151  | 147  | 149  | 152  | 157  | 153   | 154  | 157  | 163  | 160   | 161  | 164  | 170  |      |
|       | MBh     | 18.5                        | 18.8 | 19.3 | 20.2 | 18.4 | 18.6 | 19.2 | 20.0 | 17.9 | 18.2 | 18.7 | 19.5 | 17.1 | 17.4 | 17.9 | 18.7 | 16.1  | 16.4 | 16.9 | 17.7 | 15.2  | 15.5 | 16.0 | 16.8 |      |
|       | S/T     | 1.00                        | 0.98 | 0.84 | 0.69 | 1.00 | 1.00 | 0.84 | 0.70 | 1.00 | 1.00 | 0.87 | 0.72 | 1.00 | 1.00 | 0.89 | 0.74 | 1.00  | 1.00 | 1.00 | 0.77 | 1.00  | 1.00 | 1.00 | 0.82 |      |
|       | ΔT      | 29                          | 28   | 24   | 21   | 29   | 28   | 24   | 21   | 30   | 28   | 24   | 21   | 29   | 27   | 24   | 21   | 29    | 27   | 24   | 21   | 30    | 28   | 25   | 22   |      |
|       | kW      | 1.06                        | 1.06 | 1.06 | 1.07 | 1.18 | 1.18 | 1.18 | 1.19 | 1.31 | 1.31 | 1.31 | 1.32 | 1.46 | 1.45 | 1.45 | 1.46 | 1.61  | 1.61 | 1.61 | 1.62 | 1.80  | 1.80 | 1.80 | 1.81 |      |
|       | Amps    | 4.0                         | 4.0  | 4.0  | 4.1  | 4.6  | 4.6  | 4.6  | 4.6  | 5.2  | 5.2  | 5.2  | 5.2  | 5.8  | 5.8  | 5.8  | 5.9  | 6.6   | 6.6  | 6.6  | 6.6  | 7.4   | 7.4  | 7.4  | 7.4  |      |
| HI PR | 249     | 250                         | 251  | 256  | 287  | 288  | 290  | 294  | 328  | 329  | 330  | 335  | 371  | 372  | 374  | 378  | 418  | 419   | 421  | 425  | 468  | 469   | 471  | 475  |      |      |
| LO PR | 129     | 131                         | 134  | 139  | 137  | 138  | 142  | 147  | 143  | 145  | 148  | 154  | 149  | 151  | 154  | 159  | 155  | 156   | 159  | 165  | 162  | 163   | 166  | 172  |      |      |
| MBh   | 18.8    | 19.0                        | 19.6 | 20.4 | 18.6 | 18.9 | 19.4 | 20.2 | 18.2 | 18.4 | 18.9 | 19.8 | 17.4 | 17.6 | 18.1 | 19.0 | 16.4 | 16.6  | 17.2 | 18.0 | 15.5 | 15.7  | 16.3 | 17.1 |      |      |
| S/T   | 1.00    | 1.00                        | 0.87 | 0.72 | 1.00 | 1.00 | 0.88 | 0.73 | 1.00 | 1.00 | 0.90 | 0.75 | 1.00 | 1.00 | 0.92 | 0.77 | 1.00 | 1.00  | 1.00 | 0.80 | 1.00 | 1.00  | 1.00 | 0.85 |      |      |
| ΔT    | 29      | 27                          | 23   | 20   | 29   | 27   | 23   | 20   | 29   | 27   | 24   | 21   | 28   | 27   | 23   | 20   | 28   | 26    | 23   | 20   | 29   | 28    | 24   | 21   |      |      |
| kW    | 1.07    | 1.07                        | 1.07 | 1.07 | 1.19 | 1.19 | 1.18 | 1.19 | 1.32 | 1.32 | 1.32 | 1.32 | 1.46 | 1.46 | 1.46 | 1.47 | 1.62 | 1.62  | 1.62 | 1.63 | 1.81 | 1.80  | 1.80 | 1.81 |      |      |
| Amps  | 4.1     | 4.1                         | 4.1  | 4.1  | 4.6  | 4.6  | 4.6  | 4.6  | 5.2  | 5.2  | 5.2  | 5.2  | 5.9  | 5.9  | 5.8  | 5.9  | 6.6  | 6.6   | 6.6  | 6.6  | 7.4  | 7.4   | 7.4  | 7.5  |      |      |
| HI PR | 250     | 251                         | 253  | 257  | 289  | 290  | 292  | 296  | 329  | 330  | 332  | 336  | 373  | 374  | 376  | 380  | 420  | 421   | 423  | 427  | 470  | 471   | 473  | 477  |      |      |
| LO PR | 131     | 132                         | 136  | 141  | 139  | 140  | 143  | 149  | 145  | 147  | 150  | 155  | 151  | 152  | 156  | 161  | 156  | 158   | 161  | 166  | 163  | 165   | 168  | 173  |      |      |

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects AHRI Rating Conditions.  
 kW = Total system power  
 Amps = Outdoor unit amps (compressor + fan)

| IDB | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |       |      |      |      |       |      |      |      |
|-----|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------|------|------|------|-------|------|------|------|-------|------|------|------|
|     |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F                                 |      |      |      | 105°F |      |      |      | 115°F |      |      |      |
|     |         | 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     | 23.7                        | 24.0 | 24.7 | -    | 23.4 | 23.8 | 24.5 | -    | 22.8 | 23.2 | 23.9 | -    | 21.7                                 | 22.1 | 22.8 | -    | 20.4  | 20.8 | 21.5 | -    | 19.2  | 19.6 | 20.3 | -    |
|     | S/T     | 0.59                        | 0.51 | 0.37 | -    | 0.60 | 0.52 | 0.37 | -    | 0.62 | 0.54 | 0.40 | -    | 0.65                                 | 0.56 | 0.42 | -    | 1.00  | 0.59 | 0.44 | -    | 1.00  | 0.64 | 0.50 | -    |
|     | ΔT      | 19                          | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 19                                   | 17   | 14   | -    | 19    | 17   | 14   | -    | 20    | 18   | 15   | -    |
|     | kW      | 1.41                        | 1.40 | 1.40 | -    | 1.57 | 1.57 | 1.57 | -    | 1.76 | 1.76 | 1.75 | -    | 1.96                                 | 1.96 | 1.95 | -    | 2.18  | 2.18 | 2.18 | -    | 2.44  | 2.44 | 2.44 | -    |
|     | Amps    | 5.2                         | 5.2  | 5.2  | -    | 6.0  | 5.9  | 5.9  | -    | 6.8  | 6.8  | 6.8  | -    | 7.7                                  | 7.7  | 7.7  | -    | 8.7   | 8.7  | 8.7  | -    | 9.9   | 9.9  | 9.9  | -    |
|     | HI/PR   | 249                         | 250  | 252  | -    | 288  | 290  | 291  | -    | 330  | 331  | 333  | -    | 374                                  | 375  | 377  | -    | 422   | 423  | 425  | -    | 474   | 475  | 476  | -    |
|     | LO/PR   | 123                         | 124  | 128  | -    | 130  | 132  | 135  | -    | 137  | 139  | 142  | -    | 143                                  | 144  | 147  | -    | 148   | 150  | 153  | -    | 155   | 157  | 160  | -    |
| 80  | MBh     | 23.9                        | 24.2 | 25.0 | -    | 23.7 | 24.0 | 24.7 | -    | 23.1 | 23.4 | 24.1 | -    | 22.0                                 | 22.3 | 23.1 | -    | 20.7  | 21.0 | 21.7 | -    | 19.5  | 19.8 | 20.6 | -    |
|     | S/T     | 0.67                        | 0.59 | 0.44 | -    | 0.67 | 0.59 | 0.45 | -    | 0.70 | 0.62 | 0.48 | -    | 1.00                                 | 0.64 | 0.50 | -    | 1.00  | 0.66 | 0.52 | -    | 1.00  | 0.72 | 0.58 | -    |
|     | ΔT      | 18                          | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18                                   | 16   | 13   | -    | 18    | 16   | 13   | -    | 19    | 17   | 14   | -    |
|     | kW      | 1.41                        | 1.41 | 1.41 | -    | 1.58 | 1.58 | 1.58 | -    | 1.77 | 1.76 | 1.76 | -    | 1.97                                 | 1.96 | 1.96 | -    | 2.19  | 2.19 | 2.19 | -    | 2.45  | 2.45 | 2.45 | -    |
|     | Amps    | 5.2                         | 5.2  | 5.2  | -    | 6.0  | 6.0  | 6.0  | -    | 6.8  | 6.8  | 6.8  | -    | 7.8                                  | 7.8  | 7.7  | -    | 8.8   | 8.8  | 8.8  | -    | 10.0  | 10.0 | 10.0 | -    |
|     | HI/PR   | 251                         | 252  | 254  | -    | 290  | 292  | 293  | -    | 332  | 333  | 335  | -    | 376                                  | 377  | 379  | -    | 424   | 426  | 427  | -    | 476   | 477  | 479  | -    |
|     | LO/PR   | 125                         | 126  | 129  | -    | 132  | 134  | 137  | -    | 139  | 140  | 143  | -    | 144                                  | 146  | 149  | -    | 150   | 151  | 154  | -    | 157   | 158  | 161  | -    |
| 870 | MBh     | 24.1                        | 24.5 | 25.2 | -    | 23.9 | 24.2 | 25.0 | -    | 23.3 | 23.6 | 24.3 | -    | 22.2                                 | 22.6 | 23.3 | -    | 20.9  | 21.2 | 22.0 | -    | 19.7  | 20.1 | 20.8 | -    |
|     | S/T     | 0.71                        | 0.62 | 0.48 | -    | 0.71 | 0.63 | 0.49 | -    | 0.74 | 0.66 | 0.51 | -    | 1.00                                 | 0.68 | 0.53 | -    | 1.00  | 0.70 | 0.56 | -    | 1.00  | 0.76 | 0.61 | -    |
|     | ΔT      | 17                          | 16   | 12   | -    | 17   | 15   | 12   | -    | 17   | 16   | 13   | -    | 17                                   | 15   | 12   | -    | 17    | 15   | 12   | -    | 18    | 16   | 13   | -    |
|     | kW      | 1.42                        | 1.42 | 1.42 | -    | 1.59 | 1.58 | 1.58 | -    | 1.77 | 1.77 | 1.77 | -    | 1.97                                 | 1.97 | 1.97 | -    | 2.20  | 2.19 | 2.19 | -    | 2.46  | 2.46 | 2.45 | -    |
|     | Amps    | 5.3                         | 5.3  | 5.2  | -    | 6.0  | 6.0  | 6.0  | -    | 6.9  | 6.9  | 6.8  | -    | 7.8                                  | 7.8  | 7.8  | -    | 8.8   | 8.8  | 8.8  | -    | 10.0  | 10.0 | 10.0 | -    |
|     | HI/PR   | 252                         | 253  | 255  | -    | 292  | 293  | 295  | -    | 333  | 334  | 336  | -    | 378                                  | 379  | 381  | -    | 426   | 427  | 429  | -    | 477   | 478  | 480  | -    |
|     | LO/PR   | 126                         | 127  | 130  | -    | 133  | 135  | 138  | -    | 140  | 141  | 145  | -    | 145                                  | 147  | 150  | -    | 151   | 152  | 156  | -    | 158   | 159  | 163  | -    |
| 75  | MBh     | 23.7                        | 24.0 | 24.7 | 25.8 | 23.5 | 23.8 | 24.5 | 25.6 | 22.8 | 23.2 | 23.9 | 25.0 | 21.8                                 | 22.1 | 22.8 | 23.9 | 20.5  | 20.8 | 21.5 | 22.6 | 19.3  | 19.6 | 20.3 | 21.4 |
|     | S/T     | 0.80                        | 0.72 | 0.58 | 0.43 | 0.73 | 0.65 | 0.51 | 0.36 | 1.00 | 0.68 | 0.54 | 0.39 | 1.00                                 | 0.70 | 0.56 | 0.41 | 1.00  | 0.80 | 0.66 | 0.51 | 1.00  | 1.00 | 0.71 | 0.56 |
|     | ΔT      | 22                          | 20   | 17   | 13   | 21   | 20   | 17   | 13   | 22   | 20   | 17   | 14   | 21                                   | 20   | 17   | 13   | 21    | 20   | 16   | 13   | 22    | 21   | 17   | 14   |
|     | kW      | 1.41                        | 1.41 | 1.41 | 1.41 | 1.57 | 1.57 | 1.57 | 1.58 | 1.76 | 1.75 | 1.75 | 1.76 | 1.96                                 | 1.96 | 1.95 | 1.96 | 2.18  | 2.18 | 2.18 | 2.19 | 2.44  | 2.44 | 2.44 | 2.45 |
|     | Amps    | 5.2                         | 5.2  | 5.2  | 5.2  | 5.9  | 5.9  | 5.9  | 6.0  | 6.8  | 6.8  | 6.8  | 6.8  | 7.7                                  | 7.7  | 7.7  | 7.8  | 8.7   | 8.7  | 8.7  | 8.8  | 9.9   | 9.9  | 9.9  | 10.0 |
|     | HI/PR   | 249                         | 250  | 252  | 256  | 289  | 290  | 291  | 296  | 330  | 331  | 333  | 337  | 375                                  | 376  | 377  | 382  | 423   | 424  | 425  | 430  | 474   | 475  | 477  | 481  |
|     | LO/PR   | 123                         | 125  | 128  | 133  | 131  | 132  | 135  | 140  | 137  | 139  | 142  | 147  | 143                                  | 144  | 147  | 153  | 148   | 150  | 153  | 158  | 155   | 157  | 160  | 165  |
| 800 | MBh     | 23.9                        | 24.3 | 25.0 | 26.1 | 23.7 | 24.0 | 24.8 | 25.8 | 23.1 | 23.4 | 24.1 | 25.2 | 22.0                                 | 22.4 | 23.1 | 24.2 | 20.7  | 21.1 | 21.8 | 22.8 | 19.5  | 19.9 | 20.6 | 21.7 |
|     | S/T     | 0.80                        | 0.72 | 0.58 | 0.43 | 0.81 | 0.73 | 0.59 | 0.44 | 1.00 | 0.76 | 0.61 | 0.46 | 1.00                                 | 0.78 | 0.63 | 0.48 | 1.00  | 0.80 | 0.66 | 0.51 | 1.00  | 1.00 | 0.71 | 0.56 |
|     | ΔT      | 22                          | 20   | 17   | 13   | 21   | 20   | 17   | 13   | 22   | 20   | 17   | 14   | 21                                   | 20   | 17   | 13   | 21    | 20   | 16   | 13   | 22    | 21   | 17   | 14   |
|     | kW      | 1.41                        | 1.41 | 1.41 | 1.42 | 1.58 | 1.58 | 1.58 | 1.59 | 1.76 | 1.76 | 1.76 | 1.77 | 1.96                                 | 1.96 | 1.96 | 1.97 | 2.19  | 2.19 | 2.18 | 2.20 | 2.45  | 2.45 | 2.45 | 2.46 |
|     | Amps    | 5.2                         | 5.2  | 5.2  | 5.3  | 6.0  | 6.0  | 6.0  | 6.0  | 6.8  | 6.8  | 6.8  | 6.9  | 7.8                                  | 7.7  | 7.7  | 7.8  | 8.8   | 8.8  | 8.8  | 8.8  | 10.0  | 10.0 | 10.0 | 10.0 |
|     | HI/PR   | 251                         | 252  | 254  | 258  | 291  | 292  | 294  | 298  | 332  | 333  | 335  | 339  | 377                                  | 378  | 379  | 384  | 425   | 426  | 427  | 432  | 476   | 477  | 479  | 483  |
|     | LO/PR   | 125                         | 126  | 129  | 135  | 132  | 134  | 137  | 142  | 139  | 140  | 143  | 149  | 144                                  | 146  | 149  | 154  | 150   | 151  | 154  | 160  | 157   | 158  | 161  | 167  |
| 870 | MBh     | 24.1                        | 24.5 | 25.2 | 26.3 | 23.9 | 24.3 | 25.0 | 26.1 | 23.3 | 23.6 | 24.3 | 25.4 | 22.2                                 | 22.6 | 23.3 | 24.4 | 20.9  | 21.3 | 22.0 | 23.1 | 19.7  | 20.1 | 20.8 | 21.9 |
|     | S/T     | 0.84                        | 0.76 | 0.62 | 0.47 | 1.00 | 0.77 | 0.62 | 0.47 | 1.00 | 0.79 | 0.65 | 0.50 | 1.00                                 | 0.82 | 0.67 | 0.52 | 1.00  | 0.84 | 0.69 | 0.54 | 1.00  | 1.00 | 0.75 | 0.60 |
|     | ΔT      | 21                          | 19   | 16   | 13   | 21   | 19   | 16   | 13   | 21   | 19   | 16   | 13   | 21                                   | 19   | 16   | 13   | 21    | 19   | 16   | 13   | 22    | 20   | 17   | 14   |
|     | kW      | 1.42                        | 1.42 | 1.41 | 1.43 | 1.58 | 1.58 | 1.58 | 1.59 | 1.77 | 1.77 | 1.77 | 1.78 | 1.97                                 | 1.97 | 1.97 | 1.98 | 2.19  | 2.19 | 2.19 | 2.20 | 2.46  | 2.46 | 2.45 | 2.47 |
|     | Amps    | 5.3                         | 5.2  | 5.2  | 5.3  | 6.0  | 6.0  | 6.0  | 6.1  | 6.9  | 6.9  | 6.8  | 6.9  | 7.8                                  | 7.8  | 7.8  | 7.8  | 8.8   | 8.8  | 8.8  | 8.8  | 10.0  | 10.0 | 10.0 | 10.0 |
|     | HI/PR   | 253                         | 254  | 255  | 260  | 292  | 293  | 295  | 299  | 333  | 335  | 336  | 341  | 378                                  | 379  | 381  | 385  | 426   | 427  | 429  | 433  | 477   | 478  | 480  | 484  |
|     | LO/PR   | 126                         | 127  | 130  | 136  | 133  | 135  | 138  | 143  | 140  | 141  | 145  | 150  | 146                                  | 147  | 150  | 155  | 151   | 153  | 156  | 161  | 158   | 159  | 163  | 168  |

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects ACCA (TVA) Rating Conditions.  
 Amps = Outdoor unit amps (compressor + fan)  
 kW = Total system power

| IDB   | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |      |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|------|
|       |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F |      |      |      | 105°F |      |      |      | 115°F |      |      |      |      |
|       |         | 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    | 700     | MBh                         | 23.8 | 24.1 | 24.8 | 25.9 | 23.6 | 23.9 | 24.6 | 25.7 | 23.0 | 23.3 | 24.0 | 25.1 | 21.9 | 22.2 | 22.9 | 24.0  | 20.6 | 20.9 | 21.6 | 22.7  | 20.6 | 20.9 | 21.6 | 22.7 |
|       |         | S/T                         | 1.00 | 0.78 | 0.64 | 0.49 | 1.00 | 0.79 | 0.64 | 0.49 | 1.00 | 0.81 | 0.67 | 0.52 | 1.00 | 0.83 | 0.69 | 0.54  | 1.00 | 1.00 | 0.71 | 0.56  | 1.00 | 1.00 | 0.71 | 0.56 |
|       | ΔT      | 26                          | 25   | 22   | 18   | 26   | 25   | 21   | 18   | 27   | 25   | 22   | 18   | 26   | 25   | 21   | 18   | 26    | 24   | 21   | 18   | 27    | 25   | 22   | 19   |      |
|       | kW      | 1.41                        | 1.40 | 1.40 | 1.41 | 1.57 | 1.57 | 1.57 | 1.58 | 1.76 | 1.76 | 1.75 | 1.76 | 1.96 | 1.96 | 1.96 | 1.95 | 2.18  | 2.18 | 2.18 | 2.19 | 2.44  | 2.44 | 2.44 | 2.45 |      |
|       | Amps    | 5.2                         | 5.2  | 5.2  | 5.2  | 6.0  | 5.9  | 5.9  | 6.0  | 6.8  | 6.8  | 6.8  | 6.8  | 7.7  | 7.7  | 7.7  | 7.8  | 8.7   | 8.7  | 8.7  | 8.8  | 9.9   | 9.9  | 9.9  | 10.0 |      |
|       | HI-PR   | 250                         | 251  | 252  | 257  | 289  | 290  | 292  | 296  | 330  | 332  | 333  | 338  | 375  | 376  | 378  | 382  | 423   | 424  | 426  | 430  | 474   | 475  | 477  | 482  |      |
| LO-PR | 124     | 125                         | 128  | 133  | 131  | 133  | 136  | 141  | 138  | 139  | 142  | 148  | 143  | 145  | 148  | 153  | 149  | 150   | 153  | 159  | 156  | 157   | 160  | 166  |      |      |
| 80    | 800     | MBh                         | 24.0 | 24.4 | 25.1 | 26.2 | 23.8 | 24.2 | 24.9 | 26.0 | 23.2 | 23.6 | 24.3 | 25.3 | 22.1 | 22.5 | 23.2 | 24.3  | 20.8 | 21.2 | 21.9 | 23.0  | 20.8 | 21.2 | 21.9 | 23.0 |
|       |         | S/T                         | 1.00 | 0.86 | 0.71 | 0.56 | 1.00 | 0.86 | 0.72 | 0.57 | 1.00 | 0.89 | 0.75 | 0.59 | 1.00 | 1.00 | 0.77 | 0.62  | 1.00 | 1.00 | 0.79 | 0.64  | 1.00 | 1.00 | 0.79 | 0.64 |
|       | ΔT      | 25                          | 24   | 20   | 17   | 25   | 24   | 20   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 20   | 17   | 25    | 23   | 20   | 17   | 26    | 24   | 21   | 18   |      |
|       | kW      | 1.41                        | 1.41 | 1.41 | 1.42 | 1.58 | 1.58 | 1.58 | 1.59 | 1.77 | 1.76 | 1.76 | 1.77 | 1.97 | 1.96 | 1.96 | 1.97 | 2.19  | 2.19 | 2.19 | 2.20 | 2.45  | 2.45 | 2.45 | 2.46 |      |
|       | Amps    | 5.2                         | 5.2  | 5.2  | 5.3  | 6.0  | 6.0  | 6.0  | 6.0  | 6.8  | 6.8  | 6.8  | 6.9  | 7.8  | 7.8  | 7.7  | 7.8  | 8.8   | 8.8  | 8.8  | 8.8  | 10.0  | 10.0 | 10.0 | 10.0 |      |
|       | HI-PR   | 252                         | 253  | 255  | 259  | 291  | 292  | 294  | 298  | 333  | 334  | 335  | 340  | 377  | 378  | 380  | 384  | 425   | 426  | 428  | 432  | 476   | 477  | 479  | 484  |      |
| LO-PR | 125     | 127                         | 130  | 135  | 133  | 134  | 137  | 143  | 139  | 141  | 144  | 149  | 145  | 146  | 150  | 155  | 150  | 152   | 155  | 160  | 157  | 159   | 162  | 167  |      |      |
| 870   | 700     | MBh                         | 24.3 | 24.6 | 25.3 | 26.4 | 24.0 | 24.4 | 25.1 | 26.2 | 23.4 | 23.8 | 24.5 | 25.6 | 22.4 | 22.7 | 23.4 | 24.5  | 21.0 | 21.4 | 22.1 | 23.2  | 21.0 | 21.4 | 22.1 | 23.2 |
|       |         | S/T                         | 1.00 | 0.89 | 0.75 | 0.60 | 1.00 | 0.90 | 0.76 | 0.61 | 1.00 | 0.93 | 0.78 | 0.63 | 1.00 | 1.00 | 0.80 | 0.65  | 1.00 | 1.00 | 0.83 | 0.68  | 1.00 | 1.00 | 0.83 | 0.68 |
|       | ΔT      | 25                          | 23   | 20   | 17   | 25   | 23   | 20   | 17   | 25   | 23   | 20   | 17   | 25   | 23   | 20   | 16   | 24    | 23   | 20   | 16   | 25    | 24   | 21   | 17   |      |
|       | kW      | 1.42                        | 1.42 | 1.42 | 1.43 | 1.59 | 1.58 | 1.58 | 1.59 | 1.77 | 1.77 | 1.77 | 1.78 | 1.97 | 1.97 | 1.97 | 1.98 | 2.19  | 2.19 | 2.19 | 2.20 | 2.46  | 2.46 | 2.46 | 2.47 |      |
|       | Amps    | 5.3                         | 5.3  | 5.2  | 5.3  | 6.0  | 6.0  | 6.0  | 6.1  | 6.9  | 6.9  | 6.8  | 6.9  | 7.8  | 7.8  | 7.8  | 7.8  | 8.8   | 8.8  | 8.8  | 8.8  | 10.0  | 10.0 | 10.0 | 10.0 |      |
|       | HI-PR   | 253                         | 254  | 256  | 260  | 293  | 294  | 295  | 300  | 334  | 335  | 337  | 341  | 378  | 380  | 381  | 386  | 426   | 428  | 429  | 434  | 478   | 479  | 481  | 485  |      |
| LO-PR | 126     | 128                         | 131  | 136  | 134  | 135  | 139  | 144  | 140  | 142  | 145  | 150  | 146  | 148  | 151  | 156  | 152  | 153   | 156  | 161  | 158  | 160   | 163  | 168  |      |      |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85    | 700   | MBh  | 24.2 | 24.5 | 25.2 | 26.3 | 24.0 | 24.3 | 25.0 | 26.1 | 23.4 | 23.7 | 24.4 | 25.5 | 22.3 | 22.6 | 23.3 | 24.4 | 21.0 | 21.3 | 22.0 | 23.1 | 21.0 | 21.3 | 22.0 | 23.1 |
|       |       | S/T  | 1.00 | 0.89 | 0.74 | 0.59 | 1.00 | 0.89 | 0.75 | 0.60 | 1.00 | 1.00 | 0.78 | 0.63 | 1.00 | 1.00 | 0.80 | 0.65 | 1.00 | 1.00 | 0.82 | 0.67 | 1.00 | 1.00 | 0.80 | 0.72 |
|       | ΔT    | 30   | 28   | 25   | 22   | 30   | 28   | 25   | 22   | 30   | 28   | 25   | 22   | 30   | 28   | 25   | 21   | 29   | 28   | 25   | 21   | 30   | 29   | 26   | 22   |      |
|       | kW    | 1.41 | 1.41 | 1.40 | 1.42 | 1.57 | 1.57 | 1.57 | 1.58 | 1.76 | 1.76 | 1.76 | 1.77 | 1.96 | 1.96 | 1.96 | 1.97 | 2.18 | 2.18 | 2.18 | 2.19 | 2.45 | 2.45 | 2.44 | 2.45 |      |
|       | Amps  | 5.2  | 5.2  | 5.2  | 5.2  | 6.0  | 6.0  | 5.9  | 6.0  | 6.8  | 6.8  | 6.8  | 6.9  | 7.7  | 7.7  | 7.7  | 7.8  | 8.8  | 8.7  | 8.7  | 8.8  | 10.0 | 10.0 | 9.9  | 10.0 |      |
|       | HI-PR | 251  | 252  | 254  | 258  | 290  | 291  | 293  | 297  | 332  | 333  | 334  | 339  | 376  | 377  | 379  | 383  | 424  | 425  | 427  | 431  | 475  | 477  | 478  | 483  |      |
| LO-PR | 125   | 127  | 130  | 135  | 133  | 134  | 138  | 143  | 140  | 141  | 144  | 149  | 145  | 147  | 150  | 155  | 151  | 152  | 155  | 161  | 157  | 159  | 162  | 167  |      |      |
| 800   | 700   | MBh  | 24.5 | 24.8 | 25.5 | 26.6 | 24.2 | 24.6 | 25.3 | 26.4 | 23.6 | 24.0 | 24.7 | 25.7 | 22.5 | 22.9 | 23.6 | 24.7 | 21.2 | 21.6 | 22.3 | 23.4 | 20.0 | 20.4 | 21.1 | 22.2 |
|       |       | S/T  | 1.00 | 0.96 | 0.82 | 0.67 | 1.00 | 1.00 | 0.83 | 0.68 | 1.00 | 1.00 | 0.85 | 0.70 | 1.00 | 1.00 | 0.87 | 0.72 | 1.00 | 1.00 | 0.90 | 0.75 | 1.00 | 1.00 | 0.80 | 0.80 |
|       | ΔT    | 29   | 27   | 24   | 20   | 29   | 27   | 24   | 20   | 29   | 27   | 24   | 21   | 29   | 27   | 24   | 20   | 28   | 27   | 23   | 20   | 29   | 28   | 25   | 21   |      |
|       | kW    | 1.42 | 1.42 | 1.42 | 1.43 | 1.58 | 1.58 | 1.58 | 1.59 | 1.77 | 1.77 | 1.76 | 1.78 | 1.97 | 1.97 | 1.96 | 1.98 | 2.19 | 2.19 | 2.19 | 2.20 | 2.46 | 2.45 | 2.45 | 2.46 |      |
|       | Amps  | 5.2  | 5.2  | 5.2  | 5.3  | 6.0  | 6.0  | 6.0  | 6.0  | 6.9  | 6.8  | 6.8  | 6.9  | 7.8  | 7.8  | 7.8  | 7.8  | 8.8  | 8.8  | 8.8  | 8.8  | 10.0 | 10.0 | 10.0 | 10.0 |      |
|       | HI-PR | 253  | 254  | 256  | 260  | 292  | 293  | 295  | 300  | 334  | 335  | 337  | 341  | 378  | 379  | 381  | 385  | 426  | 427  | 429  | 433  | 478  | 479  | 480  | 485  |      |
| LO-PR | 127   | 129  | 132  | 137  | 135  | 136  | 139  | 144  | 141  | 143  | 146  | 151  | 147  | 148  | 151  | 157  | 152  | 154  | 157  | 162  | 159  | 161  | 164  | 169  |      |      |
| 870   | 700   | MBh  | 24.7 | 25.0 | 25.7 | 26.8 | 24.4 | 24.8 | 25.5 | 26.6 | 23.8 | 24.2 | 24.9 | 26.0 | 22.8 | 23.1 | 23.8 | 24.9 | 21.4 | 21.8 | 22.5 | 23.6 | 20.3 | 20.6 | 21.3 | 22.4 |
|       |       | S/T  | 1.00 | 1.00 | 0.86 | 0.71 | 1.00 | 1.00 | 0.86 | 0.71 | 1.00 | 1.00 | 0.89 | 0.74 | 1.00 | 1.00 | 0.91 | 0.76 | 1.00 | 1.00 | 0.93 | 0.78 | 1.00 | 1.00 | 0.80 | 0.84 |
|       | ΔT    | 28   | 26   | 23   | 20   | 28   | 26   | 23   | 20   | 28   | 26   | 23   | 20   | 28   | 26   | 23   | 20   | 28   | 26   | 23   | 20   | 29   | 27   | 24   | 21   |      |
|       | kW    | 1.42 | 1.42 | 1.42 | 1.43 | 1.59 | 1.59 | 1.58 | 1.60 | 1.77 | 1.77 | 1.77 | 1.78 | 1.97 | 1.97 | 1.97 | 1.98 | 2.20 | 2.20 | 2.19 | 2.21 | 2.46 | 2.46 | 2.46 | 2.47 |      |
|       | Amps  | 5.3  | 5.3  | 5.3  | 5.3  | 6.0  | 6.0  | 6.0  | 6.1  | 6.9  | 6.9  | 6.9  | 6.9  | 7.8  | 7.8  | 7.8  | 7.8  | 8.8  | 8.8  | 8.8  | 8.9  | 10.0 | 10.0 | 10.0 | 10.1 |      |
|       | HI-PR | 254  | 255  | 257  | 261  | 294  | 295  | 297  | 301  | 335  | 336  | 338  | 342  | 380  | 381  | 382  | 387  | 428  | 429  | 430  | 435  | 479  | 480  | 482  | 486  |      |
| LO-PR | 128   | 130  | 133  | 138  | 136  | 137  | 140  | 146  | 142  | 144  | 147  | 152  | 148  | 149  | 153  | 158  | 153  | 155  | 158  | 163  | 160  | 162  | 165  | 170  |      |      |

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects AHRI Rating Conditions.  
 kW = Total system power  
 Amps = Outdoor unit amps (compressor + fan)

| IDB   | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |       |      |      |      |       |      |      |      |      |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------|------|------|------|-------|------|------|------|-------|------|------|------|------|
|       |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F                                 |      |      |      | 105°F |      |      |      | 115°F |      |      |      |      |
|       |         | 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    | 870     | MBh                         | 28.4 | 28.8 | 29.7 | -    | 28.2 | 28.6 | 29.4 | -    | 27.5 | 27.9 | 28.7 | -                                    | 26.2 | 26.6 | 27.4 | -     | 24.7 | 25.1 | 25.9 | -     | 23.3 | 23.6 | 24.5 | -    |
|       |         | S/T                         | 0.65 | 0.57 | 0.44 | -    | 0.66 | 0.58 | 0.45 | -    | 0.68 | 0.61 | 0.47 | -                                    | 0.70 | 0.62 | 0.49 | -     | 0.72 | 0.65 | 0.51 | -     | 1.00 | 0.70 | 0.56 | -    |
|       | ΔT      | 19                          | 17   | 13   | -    | 19   | 17   | 13   | -    | 19   | 17   | 14   | -    | 19                                   | 17   | 13   | -    | 18    | 17   | 13   | -    | 20    | 18   | 14   | -    |      |
|       | kW      | 1.69                        | 1.69 | 1.68 | -    | 1.89 | 1.89 | 1.89 | -    | 2.12 | 2.11 | 2.11 | -    | 2.36                                 | 2.36 | 2.35 | -    | 2.63  | 2.63 | 2.63 | -    | 2.95  | 2.95 | 2.95 | -    |      |
|       | Amps    | 6.5                         | 6.5  | 6.5  | -    | 7.5  | 7.5  | 7.4  | -    | 8.5  | 8.5  | 8.5  | -    | 9.6                                  | 9.6  | 9.6  | -    | 10.9  | 10.9 | 10.8 | -    | 12.3  | 12.3 | 12.3 | -    |      |
|       | HI/PR   | 250                         | 251  | 253  | -    | 289  | 290  | 292  | -    | 330  | 331  | 333  | -    | 374                                  | 375  | 377  | -    | 422   | 423  | 425  | -    | 473   | 474  | 475  | -    |      |
|       | LO/PR   | 118                         | 120  | 123  | -    | 125  | 127  | 130  | -    | 131  | 133  | 136  | -    | 137                                  | 138  | 141  | -    | 142   | 143  | 146  | -    | 148   | 150  | 153  | -    |      |
|       | 1000    | MBh                         | 29.0 | 29.4 | 30.2 | -    | 28.7 | 29.1 | 30.0 | -    | 28.0 | 28.4 | 29.2 | -                                    | 26.7 | 27.1 | 28.0 | -     | 25.2 | 25.6 | 26.4 | -     | 23.8 | 24.2 | 25.0 | -    |
|       |         | S/T                         | 0.69 | 0.61 | 0.48 | -    | 0.69 | 0.62 | 0.49 | -    | 0.72 | 0.64 | 0.51 | -                                    | 0.74 | 0.66 | 0.53 | -     | 1.00 | 0.68 | 0.55 | -     | 1.00 | 0.73 | 0.60 | -    |
|       | ΔT      | 18                          | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 13   | -    | 18                                   | 16   | 12   | -    | 17    | 15   | 12   | -    | 18    | 17   | 13   | -    |      |
| kW    | 1.70    | 1.70                        | 1.69 | -    | 1.90 | 1.90 | 1.90 | -    | 2.13 | 2.12 | 2.12 | -    | 2.37 | 2.37                                 | 2.36 | -    | 2.64 | 2.64  | 2.64 | -    | 2.96 | 2.96  | 2.96 | -    |      |      |
| Amps  | 6.6     | 6.6                         | 6.6  | -    | 7.5  | 7.5  | 7.5  | -    | 8.5  | 8.5  | 8.5  | -    | 9.7  | 9.7                                  | 9.6  | -    | 10.9 | 10.9  | 10.9 | -    | 12.4 | 12.4  | 12.4 | -    |      |      |
| HI/PR | 252     | 254                         | 255  | -    | 292  | 293  | 294  | -    | 333  | 334  | 335  | -    | 377  | 378                                  | 380  | -    | 424  | 425   | 427  | -    | 475  | 476   | 478  | -    |      |      |
| LO/PR | 120     | 122                         | 125  | -    | 128  | 129  | 132  | -    | 134  | 135  | 138  | -    | 139  | 140                                  | 143  | -    | 144  | 146   | 149  | -    | 151  | 152   | 155  | -    |      |      |
| 1125  | MBh     | 29.6                        | 30.0 | 30.9 | -    | 29.4 | 29.8 | 30.6 | -    | 28.6 | 29.0 | 29.9 | -    | 27.4                                 | 27.8 | 28.6 | -    | 25.8  | 26.2 | 27.1 | -    | 24.4  | 24.8 | 25.7 | -    |      |
|       | S/T     | 0.69                        | 0.62 | 0.49 | -    | 0.70 | 0.62 | 0.49 | -    | 0.72 | 0.65 | 0.52 | -    | 0.74                                 | 0.67 | 0.54 | -    | 1.00  | 0.69 | 0.56 | -    | 1.00  | 0.74 | 0.61 | -    |      |
| ΔT    | 17      | 15                          | 11   | -    | 17   | 15   | 11   | -    | 17   | 15   | 12   | -    | 17   | 15                                   | 11   | -    | 16   | 15    | 11   | -    | 17   | 16    | 12   | -    |      |      |
| kW    | 1.71    | 1.71                        | 1.70 | -    | 1.91 | 1.91 | 1.90 | -    | 2.13 | 2.13 | 2.13 | -    | 2.38 | 2.38                                 | 2.37 | -    | 2.65 | 2.65  | 2.65 | -    | 2.97 | 2.97  | 2.97 | -    |      |      |
| Amps  | 6.6     | 6.6                         | 6.6  | -    | 7.6  | 7.6  | 7.5  | -    | 8.6  | 8.6  | 8.6  | -    | 9.7  | 9.7                                  | 9.7  | -    | 11.0 | 10.9  | 10.9 | -    | 12.4 | 12.4  | 12.4 | -    |      |      |
| HI/PR | 255     | 256                         | 258  | -    | 294  | 295  | 297  | -    | 335  | 336  | 338  | -    | 379  | 380                                  | 382  | -    | 427  | 428   | 430  | -    | 478  | 479   | 480  | -    |      |      |
| LO/PR | 123     | 124                         | 127  | -    | 130  | 132  | 134  | -    | 136  | 138  | 141  | -    | 142  | 143                                  | 146  | -    | 147  | 148   | 151  | -    | 153  | 155   | 158  | -    |      |      |
| 75    | 870     | MBh                         | 28.5 | 28.9 | 29.7 | 31.0 | 28.2 | 28.6 | 29.4 | 30.7 | 27.5 | 27.9 | 28.7 | 30.0                                 | 26.2 | 26.6 | 27.5 | 28.7  | 24.7 | 25.1 | 25.9 | 27.2  | 23.3 | 23.7 | 24.5 | 25.8 |
|       |         | S/T                         | 0.77 | 0.70 | 0.57 | 0.43 | 0.78 | 0.71 | 0.57 | 0.44 | 0.81 | 0.73 | 0.60 | 0.46                                 | 1.00 | 0.75 | 0.62 | 0.48  | 1.00 | 0.77 | 0.64 | 0.50  | 1.00 | 0.82 | 0.69 | 0.55 |
|       | ΔT      | 23                          | 21   | 17   | 14   | 23   | 21   | 17   | 14   | 23   | 21   | 18   | 14   | 23                                   | 21   | 17   | 14   | 22    | 21   | 17   | 14   | 24    | 22   | 18   | 15   |      |
|       | kW      | 1.69                        | 1.69 | 1.68 | 1.70 | 1.89 | 1.89 | 1.88 | 1.90 | 2.11 | 2.11 | 2.11 | 2.12 | 2.36                                 | 2.36 | 2.35 | 2.37 | 2.63  | 2.63 | 2.63 | 2.64 | 2.95  | 2.95 | 2.95 | 2.96 |      |
|       | Amps    | 6.5                         | 6.5  | 6.5  | 6.6  | 7.5  | 7.5  | 7.4  | 7.5  | 8.5  | 8.5  | 8.5  | 8.5  | 9.6                                  | 9.6  | 9.6  | 9.7  | 10.9  | 10.9 | 10.8 | 10.9 | 12.3  | 12.3 | 12.3 | 12.4 |      |
|       | HI/PR   | 250                         | 251  | 253  | 257  | 289  | 290  | 292  | 297  | 330  | 331  | 333  | 337  | 374                                  | 376  | 377  | 382  | 422   | 423  | 425  | 429  | 473   | 474  | 476  | 480  |      |
|       | LO/PR   | 118                         | 120  | 123  | 128  | 125  | 127  | 130  | 135  | 131  | 133  | 136  | 141  | 137                                  | 138  | 141  | 146  | 142   | 143  | 146  | 151  | 148   | 150  | 153  | 158  |      |
|       | 1000    | MBh                         | 29.0 | 29.4 | 30.2 | 31.5 | 28.8 | 29.1 | 30.0 | 31.3 | 28.0 | 28.4 | 29.3 | 30.5                                 | 26.8 | 27.2 | 28.0 | 29.3  | 25.2 | 25.6 | 26.5 | 27.7  | 23.8 | 24.2 | 25.0 | 26.3 |
|       |         | S/T                         | 0.81 | 0.74 | 0.61 | 0.47 | 0.82 | 0.74 | 0.61 | 0.47 | 1.00 | 0.77 | 0.64 | 0.50                                 | 1.00 | 0.79 | 0.65 | 0.52  | 1.00 | 0.81 | 0.68 | 0.54  | 1.00 | 0.86 | 0.73 | 0.59 |
|       | ΔT      | 22                          | 20   | 16   | 13   | 22   | 20   | 16   | 13   | 22   | 20   | 17   | 13   | 22                                   | 20   | 16   | 13   | 21    | 19   | 16   | 13   | 22    | 21   | 17   | 14   |      |
| kW    | 1.70    | 1.70                        | 1.69 | 1.71 | 1.90 | 1.90 | 1.89 | 1.91 | 2.12 | 2.12 | 2.12 | 2.14 | 2.37 | 2.37                                 | 2.36 | 2.38 | 2.64 | 2.64  | 2.64 | 2.65 | 2.96 | 2.96  | 2.96 | 2.97 |      |      |
| Amps  | 6.6     | 6.6                         | 6.6  | 6.6  | 7.5  | 7.5  | 7.5  | 7.6  | 8.5  | 8.5  | 8.5  | 8.6  | 9.7  | 9.7                                  | 9.6  | 9.7  | 10.9 | 10.9  | 10.9 | 11.0 | 12.4 | 12.4  | 12.3 | 12.4 |      |      |
| HI/PR | 253     | 254                         | 256  | 260  | 292  | 293  | 295  | 299  | 333  | 334  | 336  | 340  | 377  | 378                                  | 380  | 384  | 425  | 426   | 427  | 432  | 475  | 476   | 478  | 482  |      |      |
| LO/PR | 120     | 122                         | 125  | 130  | 128  | 129  | 132  | 137  | 134  | 135  | 138  | 143  | 139  | 140                                  | 143  | 148  | 144  | 146   | 149  | 153  | 151  | 152   | 155  | 160  |      |      |
| 1125  | MBh     | 29.6                        | 30.0 | 30.9 | 32.2 | 29.4 | 29.8 | 30.6 | 31.9 | 28.7 | 29.1 | 29.9 | 31.2 | 27.4                                 | 27.8 | 28.6 | 29.9 | 25.9  | 26.3 | 27.1 | 28.4 | 24.5  | 24.8 | 25.7 | 27.0 |      |
|       | S/T     | 0.82                        | 0.74 | 0.61 | 0.47 | 0.82 | 0.75 | 0.62 | 0.48 | 1.00 | 0.77 | 0.64 | 0.50 | 1.00                                 | 0.79 | 0.66 | 0.52 | 1.00  | 0.81 | 0.68 | 0.54 | 1.00  | 0.86 | 0.73 | 0.59 |      |
| ΔT    | 21      | 19                          | 15   | 12   | 21   | 19   | 15   | 12   | 21   | 19   | 16   | 12   | 21   | 19                                   | 15   | 12   | 20   | 19    | 15   | 12   | 22   | 20    | 16   | 13   |      |      |
| kW    | 1.71    | 1.70                        | 1.70 | 1.72 | 1.91 | 1.91 | 1.90 | 1.92 | 2.13 | 2.13 | 2.13 | 2.14 | 2.38 | 2.38                                 | 2.37 | 2.39 | 2.65 | 2.65  | 2.64 | 2.66 | 2.97 | 2.97  | 2.96 | 2.98 |      |      |
| Amps  | 6.6     | 6.6                         | 6.6  | 6.7  | 7.6  | 7.5  | 7.5  | 7.6  | 8.6  | 8.6  | 8.6  | 8.6  | 9.7  | 9.7                                  | 9.7  | 9.7  | 10.9 | 10.9  | 10.9 | 11.0 | 12.4 | 12.4  | 12.4 | 12.5 |      |      |
| HI/PR | 255     | 256                         | 258  | 262  | 294  | 295  | 297  | 301  | 335  | 336  | 338  | 342  | 379  | 380                                  | 382  | 387  | 427  | 428   | 430  | 434  | 478  | 479   | 481  | 485  |      |      |
| LO/PR | 123     | 124                         | 127  | 132  | 130  | 132  | 135  | 139  | 136  | 138  | 141  | 146  | 142  | 143                                  | 146  | 151  | 147  | 148   | 151  | 156  | 153  | 155   | 158  | 163  |      |      |

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects ACCA (TVA) Rating Conditions.  
 kW = Total system power  
 Amps = Outdoor unit amps (compressor + fan)





| IDB       |             | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | 115°F |      |      |      |      |      |      |      |      |      |      |      |       |    |  |  |  |  |
|-----------|-------------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|----|--|--|--|--|
|           |             | 65°F                        |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F  |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |    |  |  |  |  |
|           |             | AIRFLOW                     |      | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67    | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67    | 71 |  |  |  |  |
| <b>70</b> | <b>1070</b> | MBh                         | 36.3 | 36.8 | 37.9 | -    | 36.0 | 36.5 | 37.5 | -    | 35.0 | 35.5 | 36.6 | -     | 33.4 | 33.9 | 35.0 | -    | 31.5 | 32.0 | 33.0 | -    | 29.7 | 30.2 | 31.2 | -     |    |  |  |  |  |
|           |             | S/T                         | 0.65 | 0.57 | 0.44 | -    | 0.66 | 0.58 | 0.45 | -    | 0.68 | 0.61 | 0.47 | -     | 0.70 | 0.62 | 0.49 | -    | 1.00 | 0.65 | 0.51 | -    | 1.00 | 0.70 | 0.56 | -     |    |  |  |  |  |
|           |             | ΔT                          | 19   | 18   | 14   | -    | 19   | 17   | 14   | -    | 20   | 18   | 14   | -     | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 20   | 18   | 15   | -     |    |  |  |  |  |
|           |             | kW                          | 2.17 | 2.17 | 2.16 | -    | 2.44 | 2.43 | 2.43 | -    | 2.73 | 2.73 | 2.72 | -     | 3.05 | 3.05 | 3.04 | -    | 3.41 | 3.41 | 3.40 | -    | 3.83 | 3.83 | 3.82 | -     |    |  |  |  |  |
|           |             | Amps                        | 8.3  | 8.3  | 8.2  | -    | 9.5  | 9.5  | 9.5  | -    | 10.8 | 10.8 | 10.8 | -     | 12.3 | 12.3 | 12.3 | -    | 13.9 | 13.9 | 13.9 | -    | 15.9 | 15.9 | 15.8 | -     |    |  |  |  |  |
|           |             | HI/PR                       | 263  | 265  | 266  | -    | 305  | 306  | 308  | -    | 348  | 349  | 351  | -     | 394  | 395  | 397  | -    | 444  | 446  | 447  | -    | 498  | 499  | 501  | -     |    |  |  |  |  |
|           | LO/PR       | 121                         | 123  | 126  | -    | 129  | 130  | 133  | -    | 135  | 137  | 140  | -    | 140   | 142  | 145  | -    | 146  | 147  | 150  | -    | 152  | 154  | 157  | -    |       |    |  |  |  |  |
|           | MBh         | 36.8                        | 37.3 | 38.4 | -    | 36.5 | 37.0 | 38.1 | -    | 35.6 | 36.1 | 37.2 | -    | 34.0  | 34.5 | 35.5 | -    | 32.0 | 32.5 | 33.6 | -    | 30.2 | 30.7 | 31.8 | -    |       |    |  |  |  |  |
|           | S/T         | 0.68                        | 0.61 | 0.48 | -    | 0.69 | 0.61 | 0.48 | -    | 0.71 | 0.64 | 0.51 | -    | 0.73  | 0.66 | 0.52 | -    | 1.00 | 0.68 | 0.55 | -    | 1.00 | 0.73 | 0.60 | -    |       |    |  |  |  |  |
|           | ΔT          | 18                          | 17   | 13   | -    | 18   | 17   | 13   | -    | 19   | 17   | 13   | -    | 18    | 17   | 13   | -    | 18   | 16   | 13   | -    | 19   | 17   | 14   | -    |       |    |  |  |  |  |
|           | kW          | 2.18                        | 2.18 | 2.17 | -    | 2.45 | 2.44 | 2.44 | -    | 2.74 | 2.74 | 2.74 | -    | 3.06  | 3.06 | 3.06 | -    | 3.42 | 3.42 | 3.41 | -    | 3.84 | 3.84 | 3.83 | -    |       |    |  |  |  |  |
|           | Amps        | 8.3                         | 8.3  | 8.3  | -    | 9.5  | 9.5  | 9.5  | -    | 10.9 | 10.9 | 10.9 | -    | 12.4  | 12.4 | 12.3 | -    | 14.0 | 14.0 | 14.0 | -    | 15.9 | 15.9 | 15.9 | -    |       |    |  |  |  |  |
| HI/PR     | 266         | 267                         | 268  | -    | 307  | 308  | 310  | -    | 350  | 351  | 353  | -    | 396  | 398   | 399  | -    | 447  | 448  | 450  | -    | 500  | 501  | 503  | -    |      |       |    |  |  |  |  |
| LO/PR     | 123         | 125                         | 128  | -    | 131  | 132  | 135  | -    | 137  | 138  | 142  | -    | 142  | 144   | 147  | -    | 148  | 149  | 152  | -    | 154  | 156  | 159  | -    |      |       |    |  |  |  |  |
| MBh       | 37.6        | 38.1                        | 39.2 | -    | 37.3 | 37.8 | 38.9 | -    | 36.3 | 36.8 | 37.9 | -    | 34.7 | 35.2  | 36.3 | -    | 32.8 | 33.3 | 34.3 | -    | 31.0 | 31.5 | 32.5 | -    |      |       |    |  |  |  |  |
| S/T       | 0.69        | 0.62                        | 0.49 | -    | 0.70 | 0.62 | 0.49 | -    | 0.72 | 0.65 | 0.52 | -    | 1.00 | 0.67  | 0.54 | -    | 1.00 | 0.69 | 0.56 | -    | 1.00 | 0.74 | 0.61 | -    |      |       |    |  |  |  |  |
| ΔT        | 18          | 16                          | 12   | -    | 17   | 16   | 12   | -    | 18   | 16   | 12   | -    | 17   | 16    | 12   | -    | 17   | 15   | 12   | -    | 18   | 16   | 13   | -    |      |       |    |  |  |  |  |
| kW        | 2.19        | 2.19                        | 2.19 | -    | 2.46 | 2.46 | 2.45 | -    | 2.75 | 2.75 | 2.75 | -    | 3.07 | 3.07  | 3.07 | -    | 3.43 | 3.43 | 3.42 | -    | 3.85 | 3.85 | 3.84 | -    |      |       |    |  |  |  |  |
| Amps      | 8.4         | 8.4                         | 8.4  | -    | 9.6  | 9.6  | 9.6  | -    | 10.9 | 10.9 | 10.9 | -    | 12.4 | 12.4  | 12.4 | -    | 14.1 | 14.0 | 14.0 | -    | 16.0 | 16.0 | 15.9 | -    |      |       |    |  |  |  |  |
| HI/PR     | 268         | 269                         | 271  | -    | 309  | 310  | 312  | -    | 352  | 354  | 355  | -    | 399  | 400   | 402  | -    | 449  | 450  | 452  | -    | 503  | 504  | 505  | -    |      |       |    |  |  |  |  |
| LO/PR     | 126         | 127                         | 130  | -    | 133  | 135  | 138  | -    | 139  | 141  | 144  | -    | 145  | 146   | 149  | -    | 150  | 152  | 155  | -    | 157  | 158  | 161  | -    |      |       |    |  |  |  |  |
| <b>75</b> | <b>1070</b> | MBh                         | 36.3 | 36.8 | 37.9 | 39.5 | 36.0 | 36.5 | 37.6 | 39.2 | 35.0 | 35.6 | 36.6 | 38.3  | 33.4 | 33.9 | 35.0 | 36.6 | 31.5 | 32.0 | 33.0 | 34.7 | 29.7 | 30.2 | 31.3 | 32.9  |    |  |  |  |  |
|           |             | S/T                         | 0.77 | 0.70 | 0.57 | 0.43 | 0.78 | 0.71 | 0.57 | 0.44 | 1.00 | 0.73 | 0.60 | 0.46  | 1.00 | 0.75 | 0.62 | 0.48 | 1.00 | 0.77 | 0.64 | 0.50 | 1.00 | 0.82 | 0.69 | 0.55  |    |  |  |  |  |
|           |             | ΔT                          | 24   | 22   | 18   | 14   | 24   | 22   | 18   | 14   | 24   | 22   | 18   | 15    | 24   | 22   | 18   | 14   | 23   | 21   | 18   | 14   | 24   | 23   | 19   | 15    |    |  |  |  |  |
|           |             | kW                          | 2.17 | 2.17 | 2.16 | 2.18 | 2.43 | 2.43 | 2.43 | 2.45 | 2.73 | 2.73 | 2.72 | 2.74  | 3.05 | 3.05 | 3.04 | 3.06 | 3.41 | 3.40 | 3.40 | 3.42 | 3.83 | 3.82 | 3.82 | 3.84  |    |  |  |  |  |
|           |             | Amps                        | 8.3  | 8.3  | 8.2  | 8.3  | 9.5  | 9.5  | 9.5  | 9.5  | 10.8 | 10.8 | 10.8 | 10.9  | 12.3 | 12.3 | 12.3 | 12.4 | 13.9 | 13.9 | 13.9 | 14.0 | 15.9 | 15.8 | 15.8 | 15.9  |    |  |  |  |  |
|           |             | HI/PR                       | 264  | 265  | 267  | 271  | 305  | 306  | 308  | 312  | 348  | 349  | 351  | 356   | 395  | 396  | 398  | 402  | 445  | 446  | 448  | 452  | 498  | 499  | 501  | 506   |    |  |  |  |  |
|           | LO/PR       | 121                         | 123  | 126  | 131  | 129  | 130  | 133  | 138  | 135  | 137  | 140  | 145  | 141   | 142  | 145  | 150  | 146  | 147  | 150  | 155  | 152  | 154  | 157  | 162  |       |    |  |  |  |  |
|           | MBh         | 36.9                        | 37.4 | 38.4 | 40.1 | 36.5 | 37.0 | 38.1 | 39.7 | 35.6 | 36.1 | 37.2 | 38.8 | 34.0  | 34.5 | 35.6 | 37.2 | 32.0 | 32.5 | 33.6 | 35.2 | 30.2 | 30.7 | 31.8 | 33.4 |       |    |  |  |  |  |
|           | S/T         | 0.81                        | 0.73 | 0.60 | 0.46 | 0.81 | 0.74 | 0.61 | 0.47 | 1.00 | 0.76 | 0.63 | 0.49 | 1.00  | 0.78 | 0.65 | 0.51 | 1.00 | 0.80 | 0.67 | 0.53 | 1.00 | 1.00 | 0.72 | 0.58 |       |    |  |  |  |  |
|           | ΔT          | 23                          | 21   | 17   | 14   | 23   | 21   | 17   | 13   | 23   | 21   | 17   | 14   | 23    | 21   | 17   | 13   | 22   | 20   | 17   | 13   | 24   | 22   | 18   | 14   |       |    |  |  |  |  |
|           | kW          | 2.18                        | 2.18 | 2.17 | 2.19 | 2.44 | 2.44 | 2.44 | 2.46 | 2.74 | 2.74 | 2.73 | 2.75 | 3.06  | 3.06 | 3.05 | 3.07 | 3.42 | 3.42 | 3.41 | 3.43 | 3.84 | 3.84 | 3.83 | 3.85 |       |    |  |  |  |  |
|           | Amps        | 8.3                         | 8.3  | 8.3  | 8.4  | 9.5  | 9.5  | 9.5  | 9.6  | 10.9 | 10.9 | 10.9 | 11.0 | 12.4  | 12.3 | 12.3 | 12.4 | 14.0 | 14.0 | 14.0 | 14.1 | 15.9 | 15.9 | 15.9 | 16.0 |       |    |  |  |  |  |
| HI/PR     | 266         | 267                         | 269  | 273  | 307  | 308  | 310  | 314  | 350  | 351  | 353  | 358  | 397  | 398   | 400  | 404  | 447  | 448  | 450  | 454  | 500  | 501  | 503  | 508  |      |       |    |  |  |  |  |
| LO/PR     | 123         | 125                         | 128  | 133  | 131  | 132  | 135  | 140  | 137  | 138  | 142  | 147  | 142  | 144   | 147  | 152  | 148  | 149  | 152  | 157  | 154  | 156  | 159  | 164  |      |       |    |  |  |  |  |
| MBh       | 37.6        | 38.1                        | 39.2 | 40.8 | 37.3 | 37.8 | 38.9 | 40.5 | 36.4 | 36.9 | 37.9 | 39.6 | 34.8 | 35.3  | 36.3 | 38.0 | 32.8 | 33.3 | 34.4 | 36.0 | 31.0 | 31.5 | 32.6 | 34.2 |      |       |    |  |  |  |  |
| S/T       | 0.82        | 0.74                        | 0.61 | 0.47 | 0.82 | 0.75 | 0.62 | 0.48 | 1.00 | 0.78 | 0.64 | 0.50 | 1.00 | 0.79  | 0.66 | 0.52 | 1.00 | 0.82 | 0.68 | 0.54 | 1.00 | 1.00 | 0.73 | 0.59 |      |       |    |  |  |  |  |
| ΔT        | 22          | 20                          | 16   | 13   | 22   | 20   | 16   | 13   | 22   | 20   | 16   | 13   | 22   | 20    | 16   | 13   | 21   | 19   | 16   | 12   | 23   | 21   | 17   | 13   |      |       |    |  |  |  |  |
| kW        | 2.19        | 2.19                        | 2.18 | 2.20 | 2.46 | 2.45 | 2.45 | 2.47 | 2.75 | 2.75 | 2.75 | 2.77 | 3.07 | 3.07  | 3.07 | 3.09 | 3.43 | 3.43 | 3.42 | 3.44 | 3.85 | 3.85 | 3.84 | 3.86 |      |       |    |  |  |  |  |
| Amps      | 8.4         | 8.4                         | 8.3  | 8.4  | 9.6  | 9.6  | 9.6  | 9.7  | 10.9 | 10.9 | 10.9 | 11.0 | 12.4 | 12.4  | 12.4 | 12.5 | 14.0 | 14.0 | 14.0 | 14.1 | 16.0 | 16.0 | 15.9 | 16.0 |      |       |    |  |  |  |  |
| HI/PR     | 268         | 269                         | 271  | 276  | 309  | 311  | 312  | 317  | 353  | 354  | 356  | 360  | 399  | 400   | 402  | 407  | 449  | 450  | 452  | 457  | 503  | 504  | 506  | 510  |      |       |    |  |  |  |  |
| LO/PR     | 126         | 127                         | 130  | 135  | 133  | 135  | 138  | 143  | 140  | 141  | 144  | 149  | 145  | 146   | 149  | 155  | 150  | 152  | 155  | 160  | 157  | 158  | 161  | 166  |      |       |    |  |  |  |  |

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects ACCA (TVA) Rating Conditions.  
 Amps = Outdoor unit amps (compressor + fan)  
 kW = Total system power

| IDB   | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |       |      |      |      |       |      |      |      |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------|------|------|------|-------|------|------|------|-------|------|------|------|
|       |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F                                 |      |      |      | 105°F |      |      |      | 115°F |      |      |      |
|       |         | 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     | 36.5                        | 37.0 | 38.1 | 39.7 | 36.2 | 36.7 | 37.7 | 39.4 | 35.2 | 35.7 | 36.8 | 38.4 | 33.6                                 | 34.1 | 35.2 | 36.8 | 31.7  | 32.2 | 33.2 | 34.9 | 29.9  | 30.4 | 31.4 | 33.1 |
|       | S/T     | 0.90                        | 0.82 | 0.69 | 0.55 | 1.00 | 0.83 | 0.70 | 0.56 | 1.00 | 0.85 | 0.72 | 0.58 | 1.00                                 | 0.87 | 0.74 | 0.60 | 1.00  | 1.00 | 0.76 | 0.62 | 1.00  | 1.00 | 0.81 | 0.67 |
|       | ΔT      | 28                          | 26   | 22   | 19   | 28   | 26   | 22   | 19   | 28   | 26   | 23   | 19   | 28                                   | 26   | 22   | 19   | 28    | 26   | 22   | 18   | 29    | 27   | 23   | 20   |
|       | kW      | 2.17                        | 2.17 | 2.16 | 2.18 | 2.43 | 2.43 | 2.43 | 2.45 | 2.73 | 2.73 | 2.72 | 2.74 | 3.05                                 | 3.05 | 3.04 | 3.06 | 3.41  | 3.41 | 3.40 | 3.42 | 3.83  | 3.83 | 3.82 | 3.84 |
|       | Amps    | 8.3                         | 8.3  | 8.2  | 8.3  | 9.5  | 9.5  | 9.5  | 9.6  | 10.8 | 10.8 | 10.8 | 10.9 | 12.3                                 | 12.3 | 12.3 | 12.4 | 13.9  | 13.9 | 13.9 | 14.0 | 15.9  | 15.9 | 15.8 | 15.9 |
|       | HI PR   | 264                         | 265  | 267  | 272  | 305  | 306  | 308  | 313  | 349  | 350  | 351  | 356  | 395                                  | 396  | 398  | 403  | 445   | 446  | 448  | 453  | 499   | 500  | 502  | 506  |
|       | LO PR   | 122                         | 123  | 127  | 132  | 129  | 131  | 134  | 139  | 136  | 137  | 140  | 145  | 141                                  | 143  | 146  | 151  | 146   | 148  | 151  | 156  | 153   | 154  | 157  | 163  |
|       | MBh     | 37.0                        | 37.5 | 38.6 | 40.2 | 36.7 | 37.2 | 38.3 | 39.9 | 35.8 | 36.3 | 37.4 | 39.0 | 34.2                                 | 34.7 | 35.7 | 37.4 | 32.2  | 32.7 | 33.8 | 35.4 | 30.4  | 30.9 | 32.0 | 33.6 |
|       | S/T     | 1.00                        | 0.86 | 0.72 | 0.58 | 1.00 | 0.86 | 0.73 | 0.59 | 1.00 | 0.89 | 0.75 | 0.61 | 1.00                                 | 0.90 | 0.77 | 0.63 | 1.00  | 1.00 | 0.79 | 0.65 | 1.00  | 1.00 | 0.84 | 0.71 |
|       | ΔT      | 27                          | 25   | 21   | 18   | 27   | 25   | 21   | 18   | 27   | 25   | 22   | 18   | 27                                   | 25   | 21   | 18   | 27    | 25   | 21   | 17   | 28    | 26   | 22   | 19   |
| kW    | 2.18    | 2.18                        | 2.17 | 2.19 | 2.45 | 2.44 | 2.44 | 2.46 | 2.74 | 2.74 | 2.74 | 2.76 | 3.06 | 3.06                                 | 3.06 | 3.08 | 3.42 | 3.42  | 3.41 | 3.43 | 3.84 | 3.84  | 3.83 | 3.85 |      |
| Amps  | 8.3     | 8.3                         | 8.3  | 8.4  | 9.5  | 9.5  | 9.5  | 9.6  | 10.9 | 10.9 | 10.9 | 11.0 | 12.4 | 12.4                                 | 12.3 | 12.4 | 14.0 | 14.0  | 14.0 | 14.1 | 15.9 | 15.9  | 15.9 | 16.0 |      |
| HI PR | 266     | 267                         | 269  | 274  | 307  | 309  | 310  | 315  | 351  | 352  | 354  | 358  | 397  | 398                                  | 400  | 405  | 447  | 448   | 450  | 455  | 501  | 502   | 504  | 508  |      |
| LO PR | 124     | 125                         | 128  | 133  | 131  | 133  | 136  | 141  | 138  | 139  | 142  | 147  | 143  | 144                                  | 147  | 153  | 148  | 150   | 153  | 158  | 155  | 156   | 159  | 164  |      |
| MBh   | 37.8    | 38.3                        | 39.4 | 41.0 | 37.5 | 38.0 | 39.1 | 40.7 | 36.5 | 37.1 | 38.1 | 39.8 | 34.9 | 35.4                                 | 36.5 | 38.1 | 33.0 | 33.5  | 34.5 | 36.2 | 31.2 | 31.7  | 32.8 | 34.4 |      |
| S/T   | 1.00    | 0.87                        | 0.73 | 0.60 | 1.00 | 0.87 | 0.74 | 0.60 | 1.00 | 0.90 | 0.77 | 0.63 | 1.00 | 1.00                                 | 0.78 | 0.64 | 1.00 | 1.00  | 0.81 | 0.67 | 1.00 | 1.00  | 0.86 | 0.72 |      |
| ΔT    | 26      | 24                          | 20   | 17   | 26   | 24   | 20   | 17   | 26   | 24   | 21   | 17   | 26   | 24                                   | 20   | 17   | 26   | 24    | 20   | 16   | 27   | 25    | 21   | 18   |      |
| kW    | 2.19    | 2.19                        | 2.19 | 2.21 | 2.46 | 2.46 | 2.45 | 2.47 | 2.75 | 2.75 | 2.75 | 2.77 | 3.07 | 3.07                                 | 3.07 | 3.09 | 3.43 | 3.43  | 3.42 | 3.44 | 3.85 | 3.85  | 3.84 | 3.86 |      |
| Amps  | 8.4     | 8.4                         | 8.4  | 8.4  | 9.6  | 9.6  | 9.6  | 9.7  | 10.9 | 10.9 | 10.9 | 11.0 | 12.4 | 12.4                                 | 12.4 | 12.5 | 14.0 | 14.0  | 14.0 | 14.1 | 16.0 | 16.0  | 15.9 | 16.0 |      |
| HI PR | 269     | 270                         | 272  | 276  | 310  | 311  | 313  | 317  | 353  | 354  | 356  | 361  | 400  | 401                                  | 403  | 407  | 450  | 451   | 453  | 457  | 503  | 504   | 506  | 511  |      |
| LO PR | 126     | 128                         | 131  | 136  | 134  | 135  | 138  | 143  | 140  | 142  | 145  | 150  | 145  | 147                                  | 150  | 155  | 151  | 152   | 155  | 160  | 157  | 159   | 162  | 167  |      |
| 85    | MBh     | 37.1                        | 37.6 | 38.7 | 40.3 | 36.8 | 37.3 | 38.3 | 40.0 | 35.8 | 36.3 | 37.4 | 39.0 | 34.2                                 | 34.7 | 35.8 | 37.4 | 32.3  | 32.8 | 33.8 | 35.5 | 30.5  | 31.0 | 32.0 | 33.7 |
|       | S/T     | 1.00                        | 0.92 | 0.79 | 0.65 | 1.00 | 0.93 | 0.80 | 0.66 | 1.00 | 1.00 | 0.82 | 0.68 | 1.00                                 | 1.00 | 0.84 | 0.70 | 1.00  | 1.00 | 0.86 | 0.72 | 1.00  | 1.00 | 1.00 | 0.77 |
|       | ΔT      | 32                          | 30   | 26   | 22   | 32   | 30   | 26   | 22   | 32   | 30   | 26   | 23   | 31                                   | 30   | 26   | 22   | 31    | 29   | 26   | 22   | 32    | 31   | 27   | 23   |
|       | kW      | 2.17                        | 2.17 | 2.17 | 2.19 | 2.44 | 2.44 | 2.43 | 2.45 | 2.74 | 2.73 | 2.73 | 2.75 | 3.06                                 | 3.05 | 3.05 | 3.07 | 3.41  | 3.41 | 3.41 | 3.43 | 3.83  | 3.83 | 3.83 | 3.85 |
|       | Amps    | 8.3                         | 8.3  | 8.3  | 8.4  | 9.5  | 9.5  | 9.5  | 9.6  | 10.9 | 10.9 | 10.8 | 10.9 | 12.3                                 | 12.3 | 12.3 | 12.4 | 14.0  | 14.0 | 13.9 | 14.0 | 15.9  | 15.9 | 15.9 | 16.0 |
|       | HI PR   | 265                         | 266  | 268  | 273  | 307  | 308  | 310  | 314  | 350  | 351  | 353  | 357  | 396                                  | 397  | 399  | 404  | 446   | 448  | 449  | 454  | 500   | 501  | 503  | 507  |
|       | LO PR   | 124                         | 125  | 128  | 133  | 131  | 133  | 136  | 141  | 137  | 139  | 142  | 147  | 143                                  | 144  | 147  | 152  | 148   | 150  | 153  | 158  | 155   | 156  | 159  | 164  |
|       | MBh     | 37.6                        | 38.1 | 39.2 | 40.8 | 37.3 | 37.8 | 38.9 | 40.5 | 36.4 | 36.9 | 38.0 | 39.6 | 34.8                                 | 35.3 | 36.4 | 38.0 | 32.8  | 33.3 | 34.4 | 36.0 | 31.0  | 31.5 | 32.6 | 34.2 |
|       | S/T     | 1.00                        | 0.95 | 0.82 | 0.68 | 1.00 | 0.96 | 0.83 | 0.69 | 1.00 | 1.00 | 0.85 | 0.71 | 1.00                                 | 1.00 | 0.87 | 0.73 | 1.00  | 1.00 | 0.89 | 0.75 | 1.00  | 1.00 | 1.00 | 0.80 |
|       | ΔT      | 31                          | 29   | 25   | 21   | 31   | 29   | 25   | 21   | 31   | 29   | 25   | 22   | 31                                   | 29   | 25   | 21   | 30    | 28   | 25   | 21   | 31    | 30   | 26   | 22   |
| kW    | 2.19    | 2.18                        | 2.18 | 2.20 | 2.45 | 2.45 | 2.44 | 2.46 | 2.75 | 2.74 | 2.74 | 2.76 | 3.07 | 3.06                                 | 3.06 | 3.08 | 3.42 | 3.42  | 3.42 | 3.44 | 3.84 | 3.84  | 3.84 | 3.86 |      |
| Amps  | 8.4     | 8.3                         | 8.3  | 8.4  | 9.6  | 9.6  | 9.5  | 9.6  | 10.9 | 10.9 | 10.9 | 11.0 | 12.4 | 12.4                                 | 12.4 | 12.4 | 14.0 | 14.0  | 14.0 | 14.1 | 15.9 | 15.9  | 15.9 | 16.0 |      |
| HI PR | 267     | 269                         | 270  | 275  | 309  | 310  | 312  | 316  | 352  | 353  | 355  | 359  | 398  | 399                                  | 401  | 406  | 448  | 450   | 451  | 456  | 502  | 503   | 505  | 509  |      |
| LO PR | 126     | 127                         | 130  | 135  | 133  | 134  | 137  | 143  | 139  | 141  | 144  | 149  | 145  | 146                                  | 149  | 154  | 150  | 151   | 155  | 160  | 157  | 158   | 161  | 166  |      |
| MBh   | 38.4    | 38.9                        | 40.0 | 41.6 | 38.1 | 38.6 | 39.7 | 41.3 | 37.2 | 37.7 | 38.7 | 40.4 | 35.5 | 36.0                                 | 37.1 | 38.8 | 33.6 | 34.1  | 35.2 | 36.8 | 31.8 | 32.3  | 33.4 | 35.0 |      |
| S/T   | 1.00    | 0.97                        | 0.83 | 0.69 | 1.00 | 1.00 | 0.84 | 0.70 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00                                 | 0.88 | 0.74 | 1.00 | 1.00  | 0.90 | 0.77 | 1.00 | 1.00  | 1.00 | 0.82 |      |
| ΔT    | 30      | 28                          | 24   | 21   | 30   | 28   | 24   | 20   | 30   | 28   | 24   | 21   | 30   | 28                                   | 24   | 20   | 29   | 27    | 24   | 20   | 31   | 29    | 25   | 21   |      |
| kW    | 2.20    | 2.20                        | 2.19 | 2.21 | 2.46 | 2.46 | 2.46 | 2.48 | 2.76 | 2.76 | 2.75 | 2.77 | 3.08 | 3.08                                 | 3.07 | 3.09 | 3.44 | 3.43  | 3.43 | 3.45 | 3.86 | 3.85  | 3.85 | 3.87 |      |
| Amps  | 8.4     | 8.4                         | 8.4  | 8.5  | 9.6  | 9.6  | 9.6  | 9.7  | 11.0 | 11.0 | 10.9 | 11.0 | 12.4 | 12.4                                 | 12.4 | 12.5 | 14.1 | 14.1  | 14.0 | 14.1 | 16.0 | 16.0  | 16.0 | 16.1 |      |
| HI PR | 270     | 271                         | 273  | 277  | 311  | 312  | 314  | 319  | 354  | 355  | 357  | 362  | 401  | 402                                  | 404  | 408  | 451  | 452   | 454  | 458  | 504  | 506   | 507  | 512  |      |
| LO PR | 128     | 130                         | 133  | 138  | 135  | 137  | 140  | 145  | 142  | 143  | 146  | 151  | 147  | 149                                  | 152  | 157  | 153  | 154   | 157  | 162  | 159  | 161   | 164  | 169  |      |

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects AHRI Rating Conditions.  
 kW = Total system power  
 Amps = Outdoor unit amps (compressor + fan)

| IDB       |       | OUTDOOR AMBIENT TEMPERATURE          |      |      |      |      |      |      |      |      |      |      |      | 105°F |      |      |      |      |      |      |      |      |      |      |      | 115°F |      |      |      |      |      |       |      |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
|-----------|-------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|-------|------|------|------|------|----|--|--|--|--|--|--|--|--|--|--|
|           |       | 65°F                                 |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F  |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |      |      |      |      | 115°F |      |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
|           |       | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |       |      |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
| 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    |      |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
| <b>70</b> | 1300  | MBh                                  | 40.2 | 40.8 | 41.9 | -    | 39.8 | 40.4 | 41.6 | -    | 38.8 | 39.4 | 40.6 | -     | 37.0 | 37.6 | 38.8 | -    | 34.8 | 35.4 | 36.6 | -    | 34.8 | 35.4 | 36.6 | -     | 32.9 | 33.4 | 34.6 | -    | 32.9 | 33.4  | 34.6 | -    |      |      |    |  |  |  |  |  |  |  |  |  |  |
|           |       | S/T                                  | 0.66 | 0.59 | 0.45 | -    | 0.67 | 0.59 | 0.46 | -    | 0.69 | 0.62 | 0.48 | -     | 1.00 | 0.64 | 0.50 | -    | 1.00 | 0.66 | 0.52 | -    | 1.00 | 0.66 | 0.52 | -     | 1.00 | 0.71 | 0.58 | -    | 1.00 | 0.71  | 0.58 | -    |      |      |    |  |  |  |  |  |  |  |  |  |  |
|           | ΔT    | 18                                   | 17   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18    | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 19    | 17   | 14   | -    | 19   | 17   | 14    | -    |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
|           | kW    | 2.44                                 | 2.44 | 2.44 | -    | 2.72 | 2.72 | 2.72 | -    | 3.03 | 3.03 | 3.03 | -    | 3.37  | 3.37 | 3.36 | -    | 3.74 | 3.74 | 3.73 | -    | 3.74 | 3.74 | 3.73 | -    | 4.18  | 4.18 | 4.17 | -    | 4.18 | 4.18 | 4.17  | -    |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
|           | Amps  | 9.0                                  | 9.0  | 8.9  | -    | 10.2 | 10.2 | 10.2 | -    | 11.7 | 11.6 | 11.6 | -    | 13.2  | 13.2 | 13.2 | -    | 14.9 | 14.9 | 14.9 | -    | 14.9 | 14.9 | 14.9 | -    | 16.9  | 16.9 | 16.9 | -    | 16.9 | 16.9 | 16.9  | -    |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
|           | HI PR | 254                                  | 255  | 257  | -    | 294  | 295  | 297  | -    | 335  | 337  | 338  | -    | 380   | 381  | 383  | -    | 429  | 430  | 431  | -    | 429  | 430  | 431  | -    | 480   | 481  | 483  | -    | 480  | 481  | 483   | -    |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
|           | LO PR | 124                                  | 125  | 129  | -    | 131  | 133  | 136  | -    | 138  | 139  | 143  | -    | 143   | 145  | 148  | -    | 149  | 150  | 153  | -    | 149  | 150  | 153  | -    | 156   | 157  | 160  | -    | 156  | 157  | 160   | -    |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
|           | MBh   | 40.6                                 | 41.1 | 42.3 | -    | 40.2 | 40.8 | 42.0 | -    | 39.2 | 39.7 | 40.9 | -    | 37.4  | 38.0 | 39.1 | -    | 35.2 | 35.8 | 37.0 | -    | 35.2 | 35.8 | 37.0 | -    | 33.2  | 33.8 | 35.0 | -    | 33.2 | 33.8 | 35.0  | -    |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
|           | S/T   | 0.69                                 | 0.61 | 0.48 | -    | 0.69 | 0.62 | 0.48 | -    | 0.72 | 0.64 | 0.51 | -    | 1.00  | 0.66 | 0.53 | -    | 1.00 | 0.68 | 0.55 | -    | 1.00 | 0.68 | 0.55 | -    | 1.00  | 0.73 | 0.60 | -    | 1.00 | 0.73 | 0.60  | -    |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
|           | ΔT    | 18                                   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18    | 16   | 13   | -    | 17   | 16   | 12   | -    | 17   | 16   | 12   | -    | 19    | 17   | 13   | -    | 19   | 17   | 13    | -    |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
| kW        | 2.45  | 2.45                                 | 2.45 | -    | 2.73 | 2.73 | 2.72 | -    | 3.04 | 3.04 | 3.03 | -    | 3.37 | 3.37  | 3.37 | -    | 3.75 | 3.75 | 3.74 | -    | 3.75 | 3.75 | 3.74 | -    | 4.19 | 4.19  | 4.18 | -    | 4.19 | 4.19 | 4.18 | -     |      |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
| Amps      | 9.0   | 9.0                                  | 9.0  | -    | 10.3 | 10.3 | 10.2 | -    | 11.7 | 11.7 | 11.7 | -    | 13.2 | 13.2  | 13.2 | -    | 14.9 | 14.9 | 14.9 | -    | 14.9 | 14.9 | 14.9 | -    | 17.0 | 17.0  | 16.9 | -    | 17.0 | 17.0 | 17.0 | -     |      |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
| HI PR     | 255   | 256                                  | 258  | -    | 295  | 296  | 298  | -    | 337  | 338  | 340  | -    | 382  | 383   | 384  | -    | 430  | 431  | 433  | -    | 430  | 431  | 433  | -    | 481  | 483   | 484  | -    | 481  | 483  | 484  | -     |      |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
| LO PR     | 125   | 127                                  | 130  | -    | 133  | 134  | 137  | -    | 139  | 141  | 144  | -    | 145  | 146   | 149  | -    | 150  | 152  | 155  | -    | 150  | 152  | 155  | -    | 157  | 158   | 161  | -    | 157  | 158  | 161  | -     |      |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
| MBh       | 41.3  | 41.9                                 | 43.1 | -    | 41.0 | 41.5 | 42.7 | -    | 39.9 | 40.5 | 41.7 | -    | 38.2 | 38.7  | 39.9 | -    | 36.0 | 36.5 | 37.7 | -    | 36.0 | 36.5 | 37.7 | -    | 34.0 | 34.6  | 35.7 | -    | 34.0 | 34.6 | 35.7 | -     |      |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
| S/T       | 0.71  | 0.63                                 | 0.50 | -    | 0.71 | 0.64 | 0.50 | -    | 0.74 | 0.66 | 0.53 | -    | 1.00 | 0.68  | 0.55 | -    | 1.00 | 0.70 | 0.57 | -    | 1.00 | 0.70 | 0.57 | -    | 1.00 | 0.75  | 0.62 | -    | 1.00 | 0.75 | 0.62 | -     |      |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
| ΔT        | 17    | 15                                   | 12   | -    | 17   | 15   | 12   | -    | 17   | 15   | 12   | -    | 17   | 15    | 12   | -    | 17   | 15   | 11   | -    | 17   | 15   | 11   | -    | 18   | 16    | 13   | -    | 18   | 16   | 13   | -     |      |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
| kW        | 2.46  | 2.46                                 | 2.46 | -    | 2.74 | 2.74 | 2.74 | -    | 3.05 | 3.05 | 3.04 | -    | 3.39 | 3.38  | 3.38 | -    | 3.76 | 3.76 | 3.75 | -    | 3.76 | 3.76 | 3.75 | -    | 4.20 | 4.20  | 4.19 | -    | 4.20 | 4.20 | 4.19 | -     |      |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
| Amps      | 9.1   | 9.0                                  | 9.0  | -    | 10.3 | 10.3 | 10.3 | -    | 11.7 | 11.7 | 11.7 | -    | 13.3 | 13.3  | 13.2 | -    | 15.0 | 15.0 | 15.0 | -    | 15.0 | 15.0 | 15.0 | -    | 17.0 | 17.0  | 17.0 | -    | 17.0 | 17.0 | 17.0 | -     |      |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
| HI PR     | 258   | 259                                  | 260  | -    | 297  | 298  | 300  | -    | 339  | 340  | 342  | -    | 384  | 385   | 387  | -    | 432  | 433  | 435  | -    | 432  | 433  | 435  | -    | 484  | 485   | 487  | -    | 484  | 485  | 487  | -     |      |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
| LO PR     | 127   | 129                                  | 132  | -    | 135  | 136  | 140  | -    | 141  | 143  | 146  | -    | 147  | 148   | 152  | -    | 152  | 154  | 157  | -    | 152  | 154  | 157  | -    | 159  | 161   | 164  | -    | 159  | 161  | 164  | -     |      |      |      |      |    |  |  |  |  |  |  |  |  |  |  |
| <b>75</b> | 1300  | MBh                                  | 40.2 | 40.8 | 42.0 | 43.8 | 39.9 | 40.4 | 41.6 | 43.4 | 38.8 | 39.4 | 40.6 | 42.4  | 37.0 | 37.6 | 38.8 | 40.6 | 34.9 | 35.4 | 36.6 | 38.4 | 34.9 | 35.4 | 36.6 | 38.4  | 32.9 | 33.4 | 34.6 | 36.4 | 32.9 | 33.4  | 34.6 | 36.4 |      |      |    |  |  |  |  |  |  |  |  |  |  |
|           |       | S/T                                  | 0.79 | 0.72 | 0.58 | 0.44 | 0.80 | 0.72 | 0.59 | 0.44 | 0.47 | 0.47 | 1.00 | 0.75  | 0.61 | 0.47 | 1.00 | 0.77 | 0.64 | 0.49 | 1.00 | 0.81 | 0.68 | 0.53 | 1.00 | 0.81  | 0.68 | 0.53 | 1.00 | 1.00 | 0.73 | 0.59  | 1.00 | 1.00 | 0.73 | 0.59 |    |  |  |  |  |  |  |  |  |  |  |
|           | ΔT    | 22                                   | 20   | 17   | 14   | 22   | 20   | 17   | 14   | 22   | 20   | 17   | 14   | 22    | 20   | 17   | 14   | 22   | 20   | 17   | 14   | 22   | 20   | 16   | 13   | 22    | 20   | 16   | 13   | 22   | 21   | 17    | 14   | 22   | 21   | 17   | 14 |  |  |  |  |  |  |  |  |  |  |
|           | kW    | 2.44                                 | 2.44 | 2.44 | 2.46 | 2.72 | 2.72 | 2.71 | 2.73 | 2.74 | 2.73 | 3.03 | 3.03 | 3.02  | 3.04 | 3.37 | 3.36 | 3.36 | 3.38 | 3.74 | 3.74 | 3.73 | 3.75 | 3.74 | 3.74 | 3.73  | 3.75 | 4.18 | 4.18 | 4.17 | 4.19 | 4.18  | 4.18 | 4.17 | 4.19 |      |    |  |  |  |  |  |  |  |  |  |  |
|           | Amps  | 9.0                                  | 9.0  | 8.9  | 9.0  | 10.2 | 10.2 | 10.2 | 10.3 | 10.3 | 10.3 | 11.6 | 11.6 | 11.6  | 11.7 | 13.2 | 13.2 | 13.2 | 13.2 | 14.9 | 14.9 | 14.9 | 15.0 | 14.9 | 14.9 | 14.9  | 15.0 | 16.9 | 16.9 | 16.9 | 17.0 | 16.9  | 16.9 | 16.9 | 17.0 |      |    |  |  |  |  |  |  |  |  |  |  |
|           | HI PR | 254                                  | 255  | 257  | 261  | 294  | 295  | 297  | 301  | 303  | 303  | 336  | 337  | 338   | 343  | 380  | 382  | 383  | 388  | 429  | 430  | 432  | 436  | 429  | 430  | 432   | 436  | 480  | 481  | 483  | 488  | 480   | 481  | 483  | 488  |      |    |  |  |  |  |  |  |  |  |  |  |
|           | LO PR | 124                                  | 126  | 129  | 134  | 131  | 133  | 136  | 141  | 141  | 141  | 138  | 139  | 143   | 148  | 143  | 145  | 148  | 153  | 149  | 150  | 153  | 159  | 149  | 150  | 153   | 159  | 156  | 157  | 160  | 165  | 156   | 157  | 160  | 165  |      |    |  |  |  |  |  |  |  |  |  |  |
|           | MBh   | 40.6                                 | 41.2 | 42.3 | 44.2 | 40.2 | 40.8 | 42.0 | 43.8 | 43.8 | 43.8 | 39.2 | 39.8 | 40.9  | 42.8 | 37.4 | 38.0 | 39.2 | 41.0 | 35.2 | 35.8 | 37.0 | 38.8 | 35.2 | 35.8 | 37.0  | 38.8 | 33.3 | 33.8 | 35.0 | 36.8 | 33.3  | 33.8 | 35.0 | 36.8 |      |    |  |  |  |  |  |  |  |  |  |  |
|           | S/T   | 0.82                                 | 0.74 | 0.60 | 0.46 | 0.82 | 0.75 | 0.61 | 0.47 | 0.47 | 0.47 | 1.00 | 0.77 | 0.64  | 0.49 | 1.00 | 0.79 | 0.65 | 0.51 | 1.00 | 0.83 | 0.70 | 0.55 | 1.00 | 0.83 | 0.70  | 0.55 | 1.00 | 1.00 | 0.73 | 0.59 | 1.00  | 1.00 | 0.73 | 0.59 |      |    |  |  |  |  |  |  |  |  |  |  |
|           | ΔT    | 22                                   | 20   | 17   | 13   | 22   | 20   | 16   | 13   | 22   | 20   | 16   | 13   | 22    | 20   | 17   | 13   | 22   | 20   | 16   | 13   | 22   | 20   | 16   | 13   | 22    | 20   | 16   | 13   | 22   | 21   | 17    | 14   | 22   | 21   | 17   | 14 |  |  |  |  |  |  |  |  |  |  |
| kW        | 2.45  | 2.45                                 | 2.44 | 2.47 | 2.73 | 2.73 | 2.72 | 2.74 | 2.74 | 2.74 | 3.04 | 3.04 | 3.03 | 3.05  | 3.37 | 3.37 | 3.37 | 3.39 | 3.75 | 3.75 | 3.74 | 3.76 | 3.75 | 3.75 | 3.74 | 3.76  | 4.19 | 4.18 | 4.18 | 4.20 | 4.19 | 4.18  | 4.18 | 4.20 |      |      |    |  |  |  |  |  |  |  |  |  |  |
| Amps      | 9.0   | 9.0                                  | 9.0  | 9.1  | 10.3 | 10.3 | 10.2 | 10.3 | 10.3 | 10.3 | 11.7 | 11.7 | 11.7 | 11.7  | 13.2 | 13.2 | 13.2 | 13.3 | 14.9 | 14.9 | 14.9 | 15.0 | 14.9 | 14.9 | 14.9 | 15.0  | 16.9 | 16.9 | 16.9 | 17.0 | 16.9 | 16.9  | 16.9 | 17.0 |      |      |    |  |  |  |  |  |  |  |  |  |  |
| HI PR     | 256   | 257                                  | 258  | 263  | 295  | 296  | 298  | 303  | 303  | 303  | 337  | 338  | 340  | 344   | 382  | 383  | 385  | 389  | 430  | 431  | 433  | 437  | 430  | 431  | 433  | 437   | 482  | 483  | 485  | 489  | 482  | 483   | 485  | 489  |      |      |    |  |  |  |  |  |  |  |  |  |  |
| LO PR     | 125   | 127                                  | 130  | 135  | 133  | 134  | 137  | 142  | 142  | 142  | 139  | 141  | 144  | 149   | 145  | 146  | 149  | 154  | 150  | 152  | 155  | 160  | 150  | 152  | 155  | 160   | 157  | 158  | 161  | 167  | 157  | 158   | 161  | 167  |      |      |    |  |  |  |  |  |  |  |  |  |  |
| MBh       | 41.4  | 41.9                                 | 43.1 | 44.9 | 41.0 | 41.6 | 42.7 | 44.6 | 44.6 | 44.6 | 40.0 | 40.5 | 41.7 | 43.5  | 38.2 | 38.7 | 39.9 | 41.7 | 36.0 | 36.6 | 37.7 | 39.6 | 36.0 | 36.6 | 37.7 | 39.6  | 34.0 | 34.6 | 35.8 | 37.6 | 34.0 | 34.6  | 35.8 | 37.6 |      |      |    |  |  |  |  |  |  |  |  |  |  |
| S/T       | 0.84  | 0.76                                 | 0.62 | 0.48 | 1.00 | 0.77 | 0.63 | 0.49 | 0.49 | 0.49 | 1.00 | 0.79 | 0.66 | 0.51  | 1.00 | 0.81 | 0.68 | 0.53 | 1.00 | 0.83 | 0.70 | 0.55 | 1.00 | 0.83 | 0.70 | 0.55  | 1.00 | 1.00 | 0.75 | 0.61 | 1.00 | 1.00  | 0.75 | 0.61 |      |      |    |  |  |  |  |  |  |  |  |  |  |
| ΔT        | 21    | 19                                   | 16   | 12   | 21   | 19   | 16   | 12   | 21   | 19   | 16   | 12   | 21   | 19    | 16   | 12   | 21   | 19   | 16   | 12   | 22   | 20   | 15   | 12   | 22   | 20    | 15   | 12   | 22   | 20   | 16   | 13    | 22   | 20   | 16   | 13   |    |  |  |  |  |  |  |  |  |  |  |
| kW        | 2.46  | 2.46                                 | 2.46 | 2.48 | 2.74 | 2.74 | 2.73 | 2.75 | 2.75 | 2.75 | 3.05 | 3.05 | 3.04 | 3.06  | 3.39 | 3.38 | 3.38 | 3.40 | 3.76 | 3.76 | 3.75 | 3.77 | 3.76 | 3.76 | 3.75 | 3.77  | 4.20 | 4.20 | 4.19 | 4.21 | 4.20 | 4.20  | 4.19 | 4.21 |      |      |    |  |  |  |  |  |  |  |  |  |  |
| Amps      | 9.1   | 9.0                                  | 9.0  | 9.1  | 10.3 | 10.3 | 10.3 | 10.4 | 10.4 | 10.4 | 11.7 | 11.7 | 11.7 | 11.8  | 13.3 | 13.3 | 13.2 | 13.3 | 15.0 | 15.0 | 15.0 | 15.1 | 15.0 | 15.0 | 15.0 | 15.1  | 17.0 | 17.0 | 17.0 | 17.1 | 17.0 | 17.0  | 17.0 | 17.1 |      |      |    |  |  |  |  |  |  |  |  |  |  |
| HI PR     | 258   | 259                                  | 261  | 265  | 298  | 299  | 300  | 305  | 305  | 305  | 339  | 340  | 342  | 346   | 384  | 385  | 387  | 391  | 432  | 433  | 435  | 440  | 432  | 433  | 435  | 440   | 484  | 485  | 487  | 491  | 484  | 485   | 487  | 491  |      |      |    |  |  |  |  |  |  |  |  |  |  |
| LO PR     | 128   | 129                                  | 132  | 137  | 135  | 136  | 140  | 145  | 145  | 145  | 141  | 143  | 146  | 151   | 147  | 148  | 152  | 157  |      |      |      |      |      |      |      |       |      |      |      |      |      |       |      |      |      |      |    |  |  |  |  |  |  |  |  |  |  |

| IDB       |       | OUTDOOR AMBIENT TEMPERATURE          |      |      |      |      |      |      |      |      |      |      |      | 105°F |      |      |      |      |      |      |      |      |      |      |      | 115°F |      |      |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------|-------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|--|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|           |       | 65°F                                 |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F  |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |      |      |      |  | 115°F |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           |       | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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   |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>80</b> | 1300  | MBh                                  | 40.4 | 41.0 | 42.2 | 44.0 | 40.1 | 40.6 | 41.8 | 43.6 | 39.0 | 39.6 | 40.8 | 42.6  | 37.3 | 37.8 | 39.0 | 40.8 | 35.1 | 35.6 | 36.8 | 38.6 | 33.1 | 33.6 | 34.8 | 36.6  | 33.1 | 33.6 | 34.8 | 36.6 |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           |       | S/T                                  | 1.00 | 0.84 | 0.71 | 0.56 | 1.00 | 0.85 | 0.71 | 0.57 | 1.00 | 0.87 | 0.74 | 0.59  | 1.00 | 1.00 | 0.76 | 0.61 | 1.00 | 1.00 | 0.78 | 0.64 | 1.00 | 1.00 | 0.83 | 0.69  | 1.00 | 1.00 | 0.83 | 0.69 |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | ΔT    | 26                                   | 24   | 21   | 18   | 26   | 24   | 21   | 18   | 26   | 25   | 21   | 18   | 26    | 24   | 21   | 18   | 26   | 24   | 21   | 17   | 27   | 25   | 22   | 18   | 27    | 25   | 22   | 18   |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | kW    | 2.44                                 | 2.44 | 2.44 | 2.46 | 2.72 | 2.72 | 2.72 | 2.74 | 3.03 | 3.03 | 3.02 | 3.05 | 3.37  | 3.36 | 3.36 | 3.38 | 3.74 | 3.74 | 3.73 | 3.76 | 4.18 | 4.18 | 4.17 | 4.20 | 4.18  | 4.18 | 4.17 | 4.20 |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | Amps  | 9.0                                  | 9.0  | 8.9  | 9.0  | 10.2 | 10.2 | 10.2 | 10.3 | 11.7 | 11.6 | 11.6 | 11.7 | 13.2  | 13.2 | 13.2 | 13.3 | 14.9 | 14.9 | 14.9 | 15.0 | 16.9 | 16.9 | 16.9 | 17.0 | 16.9  | 16.9 | 16.9 | 17.0 |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | Hi PR | 255                                  | 256  | 258  | 262  | 294  | 296  | 297  | 302  | 336  | 337  | 339  | 343  | 381   | 381  | 382  | 384  | 429  | 430  | 432  | 437  | 481  | 482  | 484  | 488  | 481   | 482  | 484  | 488  |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | LO PR | 125                                  | 126  | 129  | 134  | 132  | 133  | 137  | 142  | 138  | 140  | 143  | 148  | 144   | 145  | 149  | 154  | 149  | 151  | 154  | 159  | 156  | 158  | 161  | 166  | 156   | 158  | 161  | 166  |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | MBh   | 40.8                                 | 41.4 | 42.5 | 44.4 | 40.4 | 41.0 | 42.2 | 44.0 | 39.4 | 40.0 | 41.2 | 43.0 | 37.6  | 38.2 | 39.4 | 41.2 | 35.4 | 36.0 | 37.2 | 39.0 | 33.5 | 34.0 | 35.2 | 37.0 | 33.5  | 34.0 | 35.2 | 37.0 |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | S/T   | 1.00                                 | 0.86 | 0.73 | 0.59 | 1.00 | 0.87 | 0.74 | 0.59 | 1.00 | 0.90 | 0.76 | 0.62 | 1.00  | 1.00 | 0.78 | 0.64 | 1.00 | 1.00 | 0.80 | 0.66 | 1.00 | 1.00 | 0.85 | 0.71 | 1.00  | 1.00 | 0.85 | 0.71 |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | ΔT    | 26                                   | 24   | 21   | 17   | 26   | 24   | 20   | 17   | 26   | 24   | 21   | 17   | 26    | 24   | 20   | 17   | 25   | 24   | 20   | 17   | 26   | 25   | 21   | 18   | 26    | 25   | 21   | 18   |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| kW        | 2.45  | 2.45                                 | 2.45 | 2.47 | 2.73 | 2.73 | 2.72 | 2.74 | 3.04 | 3.04 | 3.03 | 3.05 | 3.37 | 3.37  | 3.37 | 3.39 | 3.75 | 3.75 | 3.74 | 3.76 | 4.19 | 4.19 | 4.18 | 4.20 | 4.19 | 4.19  | 4.18 | 4.20 |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Amps      | 9.0   | 9.0                                  | 9.0  | 9.1  | 10.3 | 10.3 | 10.2 | 10.3 | 11.7 | 11.7 | 11.7 | 11.8 | 13.2 | 13.2  | 13.2 | 13.3 | 14.9 | 14.9 | 14.9 | 15.0 | 16.9 | 16.9 | 16.9 | 17.0 | 16.9 | 16.9  | 16.9 | 17.0 |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hi PR     | 256   | 257                                  | 259  | 263  | 296  | 297  | 299  | 303  | 337  | 338  | 340  | 345  | 382  | 383   | 385  | 389  | 431  | 432  | 433  | 438  | 482  | 483  | 485  | 489  | 482  | 483   | 485  | 489  |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LO PR     | 126   | 127                                  | 130  | 136  | 133  | 135  | 138  | 143  | 140  | 141  | 144  | 150  | 145  | 147   | 150  | 155  | 151  | 152  | 155  | 160  | 157  | 159  | 162  | 167  | 157  | 159   | 162  | 167  |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MBh       | 41.6  | 42.1                                 | 43.3 | 45.1 | 41.2 | 41.8 | 43.0 | 44.8 | 40.2 | 40.7 | 41.9 | 43.7 | 38.4 | 38.9  | 40.1 | 41.9 | 36.2 | 36.8 | 38.0 | 39.8 | 34.2 | 34.8 | 36.0 | 37.8 | 34.2 | 34.8  | 36.0 | 37.8 |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S/T       | 1.00  | 0.88                                 | 0.75 | 0.61 | 1.00 | 0.89 | 0.76 | 0.61 | 1.00 | 0.92 | 0.78 | 0.64 | 1.00 | 1.00  | 0.80 | 0.66 | 1.00 | 1.00 | 0.82 | 0.68 | 1.00 | 1.00 | 0.87 | 0.73 | 1.00 | 1.00  | 0.87 | 0.73 |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ΔT        | 25    | 23                                   | 20   | 16   | 25   | 23   | 20   | 16   | 25   | 23   | 20   | 16   | 25   | 23    | 20   | 16   | 24   | 23   | 19   | 16   | 26   | 24   | 20   | 17   | 26   | 24    | 20   | 17   |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| kW        | 2.46  | 2.46                                 | 2.46 | 2.48 | 2.74 | 2.74 | 2.73 | 2.76 | 3.05 | 3.05 | 3.04 | 3.07 | 3.39 | 3.38  | 3.38 | 3.40 | 3.76 | 3.76 | 3.75 | 3.78 | 4.20 | 4.20 | 4.19 | 4.21 | 4.20 | 4.20  | 4.19 | 4.21 |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Amps      | 9.1   | 9.0                                  | 9.0  | 9.1  | 10.3 | 10.3 | 10.3 | 10.4 | 11.7 | 11.7 | 11.7 | 11.8 | 13.3 | 13.3  | 13.2 | 13.3 | 15.0 | 15.0 | 15.0 | 15.1 | 17.0 | 17.0 | 17.0 | 17.1 | 17.0 | 17.0  | 17.0 | 17.1 |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hi PR     | 258   | 259                                  | 261  | 266  | 298  | 299  | 301  | 305  | 340  | 341  | 342  | 347  | 384  | 386   | 387  | 392  | 433  | 434  | 436  | 440  | 484  | 485  | 487  | 492  | 484  | 485   | 487  | 492  |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LO PR     | 128   | 130                                  | 133  | 138  | 135  | 137  | 140  | 145  | 142  | 144  | 147  | 152  | 148  | 149   | 152  | 157  | 153  | 154  | 158  | 163  | 160  | 161  | 164  | 169  | 160  | 161   | 164  | 169  |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>85</b> | 1300  | MBh                                  | 41.1 | 41.7 | 42.8 | 44.7 | 40.7 | 41.3 | 42.5 | 44.3 | 39.7 | 40.3 | 41.5 | 43.3  | 37.9 | 38.5 | 39.7 | 41.5 | 35.7 | 36.3 | 37.5 | 39.3 | 33.8 | 34.3 | 35.5 | 37.3  | 33.8 | 34.3 | 35.5 | 37.3 |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           |       | S/T                                  | 1.00 | 0.94 | 0.81 | 0.66 | 1.00 | 0.95 | 0.81 | 0.67 | 1.00 | 1.00 | 0.84 | 0.70  | 1.00 | 1.00 | 0.86 | 0.71 | 1.00 | 1.00 | 0.88 | 0.74 | 1.00 | 1.00 | 1.00 | 0.79  | 1.00 | 1.00 | 1.00 | 0.79 |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | ΔT    | 30                                   | 28   | 25   | 21   | 30   | 28   | 25   | 21   | 30   | 28   | 25   | 21   | 30    | 28   | 25   | 21   | 29   | 28   | 24   | 21   | 31   | 29   | 25   | 22   | 31    | 29   | 25   | 22   |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | kW    | 2.45                                 | 2.45 | 2.44 | 2.46 | 2.73 | 2.73 | 2.72 | 2.74 | 3.04 | 3.03 | 3.03 | 3.05 | 3.37  | 3.37 | 3.37 | 3.39 | 3.75 | 3.74 | 3.74 | 3.76 | 4.19 | 4.18 | 4.18 | 4.20 | 4.19  | 4.18 | 4.18 | 4.20 |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | Amps  | 9.0                                  | 9.0  | 9.0  | 9.1  | 10.3 | 10.3 | 10.2 | 10.3 | 11.7 | 11.7 | 11.6 | 11.7 | 13.2  | 13.2 | 13.2 | 13.3 | 14.9 | 14.9 | 14.9 | 15.0 | 16.9 | 16.9 | 16.9 | 17.0 | 16.9  | 16.9 | 16.9 | 17.0 |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | Hi PR | 256                                  | 257  | 259  | 263  | 296  | 297  | 299  | 303  | 337  | 338  | 340  | 345  | 382   | 383  | 385  | 389  | 430  | 432  | 433  | 438  | 482  | 483  | 485  | 489  | 482   | 483  | 485  | 489  |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | LO PR | 126                                  | 128  | 131  | 136  | 134  | 135  | 138  | 144  | 140  | 142  | 145  | 150  | 146   | 147  | 150  | 156  | 151  | 153  | 156  | 161  | 158  | 159  | 163  | 168  | 158   | 159  | 163  | 168  |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | MBh   | 41.5                                 | 42.0 | 43.2 | 45.0 | 41.1 | 41.7 | 42.9 | 44.7 | 40.1 | 40.6 | 41.8 | 43.6 | 38.3  | 38.9 | 40.0 | 41.9 | 36.1 | 36.7 | 37.9 | 39.7 | 34.1 | 34.7 | 35.9 | 37.7 | 34.1  | 34.7 | 35.9 | 37.7 |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | S/T   | 1.00                                 | 0.97 | 0.83 | 0.69 | 1.00 | 1.00 | 0.84 | 0.69 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00  | 1.00 | 0.88 | 0.74 | 1.00 | 1.00 | 0.90 | 0.76 | 1.00 | 1.00 | 1.00 | 0.81 | 1.00  | 1.00 | 1.00 | 0.81 |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | ΔT    | 29                                   | 27   | 24   | 21   | 29   | 27   | 24   | 21   | 29   | 28   | 24   | 21   | 29    | 27   | 24   | 20   | 29   | 27   | 24   | 20   | 30   | 28   | 25   | 21   | 30    | 28   | 25   | 21   |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| kW        | 2.46  | 2.46                                 | 2.45 | 2.47 | 2.74 | 2.73 | 2.73 | 2.75 | 3.04 | 3.04 | 3.04 | 3.06 | 3.38 | 3.38  | 3.37 | 3.39 | 3.75 | 3.75 | 3.75 | 3.77 | 4.19 | 4.19 | 4.19 | 4.21 | 4.19 | 4.19  | 4.19 | 4.21 |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Amps      | 9.0   | 9.0                                  | 9.0  | 9.1  | 10.3 | 10.3 | 10.3 | 10.4 | 11.7 | 11.7 | 11.7 | 11.8 | 13.2 | 13.2  | 13.2 | 13.3 | 15.0 | 15.0 | 15.0 | 15.0 | 17.0 | 17.0 | 17.0 | 17.1 | 17.0 | 17.0  | 17.0 | 17.1 |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hi PR     | 257   | 258                                  | 260  | 264  | 297  | 298  | 300  | 304  | 339  | 340  | 341  | 346  | 383  | 384   | 386  | 391  | 432  | 433  | 435  | 439  | 483  | 484  | 486  | 491  | 483  | 484   | 486  | 491  |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LO PR     | 128   | 129                                  | 132  | 137  | 135  | 137  | 140  | 145  | 142  | 143  | 146  | 151  | 147  | 149   | 152  | 157  | 152  | 154  | 157  | 162  | 159  | 161  | 164  | 169  | 159  | 161   | 164  | 169  |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MBh       | 42.2  | 42.8                                 | 44.0 | 45.8 | 41.9 | 42.4 | 43.6 | 45.4 | 40.8 | 41.4 | 42.6 | 44.4 | 39.1 | 39.6  | 40.8 | 42.6 | 36.9 | 37.4 | 38.6 | 40.4 | 34.9 | 35.4 | 36.6 | 38.4 | 34.9 | 35.4  | 36.6 | 38.4 |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S/T       | 1.00  | 0.99                                 | 0.85 | 0.71 | 1.00 | 1.00 | 0.86 | 0.71 | 1.00 | 1.00 | 0.88 | 0.74 | 1.00 | 1.00  | 0.90 | 0.76 | 1.00 | 1.00 | 0.92 | 0.78 | 1.00 | 1.00 | 1.00 | 0.83 | 1.00 | 1.00  | 1.00 | 0.83 |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ΔT        | 28    | 26                                   | 23   | 20   | 28   | 26   | 23   | 20   | 28   | 27   | 23   | 20   | 28   | 26    | 23   | 20   | 28   | 26   | 23   | 20   | 29   | 27   | 24   | 20   | 29   | 27    | 24   | 20   |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| kW        | 2.47  | 2.47                                 | 2.46 | 2.48 | 2.75 | 2.74 | 2.74 | 2.76 | 3.06 | 3.05 | 3.05 | 3.07 | 3.39 | 3.39  | 3.38 | 3.41 | 3.77 | 3.76 | 3.76 | 3.78 | 4.21 | 4.20 | 4.20 | 4.22 | 4.21 | 4.20  | 4.20 | 4.22 |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Amps      | 9.1   | 9.1                                  | 9.1  | 9.1  | 10.4 | 10.3 | 10.3 | 10.4 | 11.8 | 11.8 | 11.7 | 11.8 | 13.3 | 13.3  | 13.3 | 13.4 | 15.0 | 15.0 | 15.0 | 15.1 | 17.0 | 17.0 | 17.0 | 17.1 | 17.0 | 17.0  | 17.0 | 17.1 |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hi PR     | 259   | 261                                  | 262  | 267  | 299  | 300  | 302  | 306  | 341  | 342  | 344  | 348  | 386  | 387   | 389  | 393  | 434  | 435  | 437  | 441  | 486  | 487  | 488  | 493  | 486  | 487   | 488  | 493  |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| LO PR     | 130   | 131                                  | 135  | 140  | 137  | 139  | 142  | 147  | 144  | 145  | 148  | 154  | 149  | 151   | 154  | 159  | 155  | 156  | 159  | 165  | 162  | 163  | 166  | 171  | 162  | 163   | 166  | 171  |      |      |  |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects AHRI Rating Conditions.  
 kW = Total system power  
 Amps = Outdoor unit amps (compressor + fan)



| IDB     | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | 105°F |      |      |      |      |      |      |      |      |      |      |      | 115°F |    |    |    |    |    |       |    |    |    |    |    |
|---------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|----|----|----|----|----|-------|----|----|----|----|----|
|         |         | 65°F                        |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F  |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |    |    |    |    |    | 115°F |    |    |    |    |    |
|         |         | 59                          | 63   | 67   | 71   | 75   | 79   | 59   | 63   | 67   | 71   | 75   | 79   | 59    | 63   | 67   | 71   | 75   | 79   | 59   | 63   | 67   | 71   | 75   | 79   | 59    | 63 | 67 | 71 | 75 | 79 | 59    | 63 | 67 | 71 | 75 | 79 |
| 80      | 1400    | MBh                         | 46.1 | 46.8 | 48.2 | 50.2 | 45.7 | 46.4 | 47.8 | 49.8 | 44.5 | 45.2 | 46.6 | 48.6  | 42.5 | 43.1 | 44.5 | 46.6 | 40.0 | 40.6 | 42.0 | 44.1 | 37.7 | 38.3 | 39.7 | 41.8  |    |    |    |    |    |       |    |    |    |    |    |
|         |         | S/T                         | 1.00 | 0.82 | 0.68 | 0.54 | 1.00 | 0.83 | 0.69 | 0.54 | 1.00 | 0.86 | 0.72 | 0.57  | 1.00 | 0.88 | 0.74 | 0.59 | 1.00 | 1.00 | 0.76 | 0.61 | 1.00 | 1.00 | 0.81 | 0.66  |    |    |    |    |    |       |    |    |    |    |    |
|         |         | Delta T                     | 27   | 25   | 22   | 18   | 27   | 25   | 22   | 18   | 27   | 25   | 22   | 18    | 27   | 25   | 22   | 18   | 27   | 26   | 25   | 21   | 18   | 27   | 26   | 22    | 19 |    |    |    |    |       |    |    |    |    |    |
|         |         | KW                          | 2.79 | 2.78 | 2.78 | 2.80 | 3.11 | 3.10 | 3.10 | 3.12 | 3.46 | 3.36 | 3.46 | 3.48  | 3.85 | 3.85 | 3.84 | 3.87 | 4.28 | 4.28 | 4.28 | 4.30 | 4.79 | 4.79 | 4.78 | 4.81  |    |    |    |    |    |       |    |    |    |    |    |
|         |         | AMPS                        | 10.2 | 10.2 | 10.2 | 10.3 | 11.7 | 11.7 | 11.6 | 11.7 | 13.3 | 13.3 | 13.3 | 13.4  | 15.1 | 15.1 | 15.0 | 15.1 | 17.1 | 17.0 | 17.0 | 17.1 | 19.4 | 19.4 | 19.3 | 19.4  |    |    |    |    |    |       |    |    |    |    |    |
|         | HI PR   | 256                         | 258  | 259  | 264  | 297  | 298  | 300  | 304  | 333  | 340  | 342  | 346  | 384   | 386  | 387  | 392  | 433  | 435  | 436  | 441  | 486  | 487  | 489  | 493  |       |    |    |    |    |    |       |    |    |    |    |    |
|         | LO PR   | 123                         | 124  | 128  | 133  | 130  | 132  | 135  | 140  | 137  | 138  | 142  | 147  | 142   | 144  | 147  | 152  | 148  | 149  | 152  | 158  | 155  | 156  | 159  | 164  |       |    |    |    |    |    |       |    |    |    |    |    |
|         | MBh     | 46.6                        | 47.3 | 48.7 | 50.8 | 46.2 | 46.9 | 48.3 | 50.3 | 45.0 | 45.7 | 47.1 | 49.1 | 43.0  | 43.6 | 45.0 | 47.1 | 40.5 | 41.1 | 42.5 | 44.6 | 38.2 | 38.8 | 40.2 | 42.3 |       |    |    |    |    |    |       |    |    |    |    |    |
|         | S/T     | 1.00                        | 0.87 | 0.73 | 0.59 | 1.00 | 0.88 | 0.74 | 0.59 | 1.00 | 0.91 | 0.77 | 0.62 | 1.00  | 1.00 | 0.79 | 0.64 | 1.00 | 1.00 | 0.81 | 0.66 | 1.00 | 1.00 | 0.86 | 0.71 |       |    |    |    |    |    |       |    |    |    |    |    |
|         | Delta T | 26                          | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 26   | 24   | 21   | 18   | 26    | 24   | 21   | 17   | 26   | 24   | 20   | 17   | 27   | 25   | 22   | 18   |       |    |    |    |    |    |       |    |    |    |    |    |
| KW      | 2.80    | 2.80                        | 2.79 | 2.82 | 3.12 | 3.12 | 3.11 | 3.14 | 3.48 | 3.48 | 3.47 | 3.49 | 3.86 | 3.86  | 3.86 | 3.88 | 4.30 | 4.29 | 4.29 | 4.31 | 4.80 | 4.80 | 4.80 | 4.82 |      |       |    |    |    |    |    |       |    |    |    |    |    |
| AMPS    | 10.3    | 10.3                        | 10.2 | 10.3 | 11.7 | 11.7 | 11.7 | 11.8 | 13.4 | 13.4 | 13.3 | 13.4 | 15.1 | 15.1  | 15.1 | 15.2 | 17.1 | 17.1 | 17.1 | 17.1 | 19.4 | 19.4 | 19.4 | 19.5 |      |       |    |    |    |    |    |       |    |    |    |    |    |
| HI PR   | 258     | 259                         | 261  | 266  | 299  | 300  | 301  | 306  | 341  | 342  | 344  | 348  | 386  | 387   | 389  | 394  | 435  | 436  | 438  | 443  | 488  | 489  | 490  | 495  |      |       |    |    |    |    |    |       |    |    |    |    |    |
| LO PR   | 124     | 126                         | 129  | 134  | 132  | 133  | 136  | 142  | 138  | 140  | 143  | 148  | 144  | 145   | 149  | 154  | 149  | 151  | 154  | 159  | 156  | 158  | 161  | 166  |      |       |    |    |    |    |    |       |    |    |    |    |    |
| MBh     | 47.6    | 48.2                        | 49.6 | 51.7 | 47.1 | 47.8 | 49.2 | 51.2 | 46.0 | 46.6 | 48.0 | 50.1 | 43.9 | 44.5  | 45.9 | 48.0 | 41.4 | 42.0 | 43.4 | 45.5 | 39.1 | 39.7 | 41.1 | 43.2 |      |       |    |    |    |    |    |       |    |    |    |    |    |
| S/T     | 1.00    | 0.91                        | 0.77 | 0.62 | 1.00 | 0.92 | 0.78 | 0.63 | 1.00 | 0.95 | 0.80 | 0.66 | 1.00 | 1.00  | 0.82 | 0.68 | 1.00 | 1.00 | 0.85 | 0.70 | 1.00 | 1.00 | 0.90 | 0.75 |      |       |    |    |    |    |    |       |    |    |    |    |    |
| Delta T | 25      | 23                          | 20   | 16   | 25   | 23   | 20   | 16   | 25   | 23   | 20   | 16   | 25   | 23    | 20   | 16   | 24   | 23   | 19   | 16   | 26   | 24   | 20   | 17   |      |       |    |    |    |    |    |       |    |    |    |    |    |
| KW      | 2.82    | 2.81                        | 2.81 | 2.83 | 3.14 | 3.13 | 3.13 | 3.15 | 3.49 | 3.49 | 3.49 | 3.51 | 3.88 | 3.88  | 3.87 | 3.90 | 4.31 | 4.31 | 4.31 | 4.33 | 4.82 | 4.82 | 4.81 | 4.84 |      |       |    |    |    |    |    |       |    |    |    |    |    |
| AMPS    | 10.3    | 10.3                        | 10.3 | 10.4 | 11.8 | 11.8 | 11.8 | 11.9 | 13.4 | 13.4 | 13.4 | 13.5 | 15.2 | 15.2  | 15.2 | 15.3 | 17.2 | 17.2 | 17.2 | 17.3 | 19.5 | 19.5 | 19.5 | 19.6 |      |       |    |    |    |    |    |       |    |    |    |    |    |
| HI PR   | 261     | 262                         | 264  | 268  | 301  | 302  | 304  | 308  | 343  | 344  | 346  | 351  | 389  | 390   | 392  | 396  | 438  | 439  | 441  | 445  | 490  | 491  | 493  | 498  |      |       |    |    |    |    |    |       |    |    |    |    |    |
| LO PR   | 127     | 128                         | 132  | 137  | 134  | 136  | 139  | 144  | 141  | 142  | 145  | 151  | 146  | 148   | 151  | 156  | 152  | 153  | 156  | 162  | 159  | 160  | 163  | 168  |      |       |    |    |    |    |    |       |    |    |    |    |    |
| 85      | 1400    | MBh                         | 46.9 | 47.6 | 48.9 | 51.0 | 46.5 | 47.2 | 48.5 | 50.6 | 45.3 | 46.0 | 47.3 | 49.4  | 43.3 | 43.9 | 45.3 | 47.4 | 40.7 | 41.4 | 42.8 | 44.8 | 38.4 | 39.1 | 40.5 | 42.6  |    |    |    |    |    |       |    |    |    |    |    |
|         |         | S/T                         | 1.00 | 0.93 | 0.79 | 0.64 | 1.00 | 0.94 | 0.80 | 0.65 | 1.00 | 1.00 | 0.82 | 0.67  | 1.00 | 1.00 | 0.84 | 0.69 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 0.81 | 0.77  |    |    |    |    |    |       |    |    |    |    |    |
|         |         | Delta T                     | 30   | 28   | 25   | 22   | 30   | 28   | 25   | 22   | 30   | 29   | 25   | 22    | 30   | 28   | 25   | 21   | 31   | 29   | 25   | 21   | 31   | 29   | 26   | 22    |    |    |    |    |    |       |    |    |    |    |    |
|         |         | KW                          | 2.79 | 2.79 | 2.78 | 2.81 | 3.11 | 3.11 | 3.11 | 3.13 | 3.47 | 3.47 | 3.46 | 3.49  | 3.86 | 3.86 | 3.85 | 3.87 | 4.29 | 4.29 | 4.28 | 4.31 | 4.80 | 4.79 | 4.79 | 4.81  |    |    |    |    |    |       |    |    |    |    |    |
|         |         | AMPS                        | 10.2 | 10.2 | 10.2 | 10.3 | 11.7 | 11.7 | 11.8 | 11.8 | 13.3 | 13.3 | 13.3 | 13.4  | 15.1 | 15.1 | 15.1 | 15.2 | 17.1 | 17.1 | 17.0 | 17.2 | 19.4 | 19.4 | 19.4 | 19.5  |    |    |    |    |    |       |    |    |    |    |    |
|         | HI PR   | 258                         | 259  | 261  | 265  | 298  | 299  | 301  | 305  | 340  | 341  | 343  | 348  | 386   | 387  | 389  | 393  | 435  | 436  | 438  | 442  | 487  | 488  | 490  | 494  |       |    |    |    |    |    |       |    |    |    |    |    |
|         | LO PR   | 125                         | 126  | 129  | 135  | 132  | 134  | 137  | 142  | 139  | 140  | 143  | 149  | 144   | 146  | 149  | 154  | 150  | 151  | 154  | 159  | 156  | 158  | 161  | 166  |       |    |    |    |    |    |       |    |    |    |    |    |
|         | MBh     | 47.4                        | 48.1 | 49.4 | 51.5 | 47.0 | 47.7 | 49.0 | 51.1 | 45.8 | 46.5 | 47.8 | 49.9 | 43.8  | 44.4 | 45.8 | 47.9 | 41.2 | 41.9 | 43.3 | 45.3 | 38.9 | 39.6 | 41.0 | 43.1 |       |    |    |    |    |    |       |    |    |    |    |    |
|         | S/T     | 1.00                        | 0.98 | 0.84 | 0.69 | 1.00 | 0.98 | 0.84 | 0.70 | 1.00 | 1.00 | 0.87 | 0.72 | 1.00  | 1.00 | 0.89 | 0.74 | 1.00 | 1.00 | 0.91 | 0.77 | 1.00 | 1.00 | 0.82 | 0.82 |       |    |    |    |    |    |       |    |    |    |    |    |
|         | Delta T | 29                          | 28   | 24   | 21   | 29   | 27   | 24   | 21   | 30   | 28   | 24   | 21   | 29    | 27   | 24   | 21   | 29   | 27   | 24   | 21   | 30   | 28   | 25   | 22   |       |    |    |    |    |    |       |    |    |    |    |    |
| KW      | 2.81    | 2.80                        | 2.80 | 2.82 | 3.13 | 3.12 | 3.12 | 3.14 | 3.48 | 3.48 | 3.48 | 3.50 | 3.87 | 3.87  | 3.86 | 3.89 | 4.30 | 4.30 | 4.30 | 4.32 | 4.81 | 4.81 | 4.80 | 4.83 |      |       |    |    |    |    |    |       |    |    |    |    |    |
| AMPS    | 10.3    | 10.3                        | 10.3 | 10.4 | 11.8 | 11.7 | 11.7 | 11.8 | 13.4 | 13.4 | 13.4 | 13.5 | 15.2 | 15.2  | 15.1 | 15.2 | 17.1 | 17.1 | 17.1 | 17.2 | 19.5 | 19.5 | 19.4 | 19.5 |      |       |    |    |    |    |    |       |    |    |    |    |    |
| HI PR   | 259     | 261                         | 262  | 267  | 300  | 301  | 303  | 307  | 342  | 343  | 345  | 349  | 387  | 389   | 390  | 395  | 436  | 438  | 439  | 444  | 489  | 490  | 492  | 496  |      |       |    |    |    |    |    |       |    |    |    |    |    |
| LO PR   | 126     | 128                         | 131  | 136  | 134  | 135  | 138  | 144  | 140  | 142  | 145  | 150  | 146  | 147   | 150  | 156  | 151  | 153  | 156  | 161  | 158  | 159  | 162  | 168  |      |       |    |    |    |    |    |       |    |    |    |    |    |
| MBh     | 48.3    | 49.0                        | 50.3 | 52.4 | 47.9 | 48.6 | 49.9 | 52.0 | 46.7 | 47.4 | 48.7 | 50.8 | 44.7 | 45.3  | 46.7 | 48.8 | 42.2 | 42.8 | 44.2 | 46.3 | 39.9 | 40.5 | 41.9 | 44.0 |      |       |    |    |    |    |    |       |    |    |    |    |    |
| S/T     | 1.00    | 1.00                        | 0.88 | 0.73 | 1.00 | 1.00 | 0.88 | 0.74 | 1.00 | 1.00 | 0.91 | 0.76 | 1.00 | 1.00  | 0.93 | 0.78 | 1.00 | 1.00 | 0.95 | 0.80 | 1.00 | 1.00 | 0.86 | 0.86 |      |       |    |    |    |    |    |       |    |    |    |    |    |
| Delta T | 28      | 26                          | 23   | 20   | 28   | 26   | 23   | 20   | 28   | 27   | 23   | 20   | 28   | 26    | 23   | 20   | 28   | 26   | 23   | 20   | 29   | 27   | 24   | 21   |      |       |    |    |    |    |    |       |    |    |    |    |    |
| KW      | 2.82    | 2.82                        | 2.82 | 2.84 | 3.14 | 3.14 | 3.14 | 3.16 | 3.50 | 3.50 | 3.49 | 3.52 | 3.89 | 3.89  | 3.88 | 3.90 | 4.32 | 4.32 | 4.31 | 4.34 | 4.83 | 4.82 | 4.82 | 4.84 |      |       |    |    |    |    |    |       |    |    |    |    |    |
| AMPS    | 10.4    | 10.4                        | 10.3 | 10.4 | 11.8 | 11.8 | 11.8 | 11.9 | 13.5 | 13.5 | 13.4 | 13.5 | 15.2 | 15.2  | 15.2 | 15.3 | 17.2 | 17.2 | 17.2 | 17.3 | 19.5 | 19.5 | 19.5 | 19.6 |      |       |    |    |    |    |    |       |    |    |    |    |    |
| HI PR   | 262     | 263                         | 265  | 269  | 302  | 303  | 305  | 310  | 345  | 346  | 347  | 352  | 390  | 391   | 393  | 397  | 439  | 440  | 442  | 446  | 491  | 492  | 494  | 499  |      |       |    |    |    |    |    |       |    |    |    |    |    |
| LO PR   | 129     | 130                         | 133  | 139  | 136  | 138  | 141  | 146  | 143  | 144  | 147  | 153  | 148  | 150   | 153  | 158  | 154  | 155  | 158  | 163  | 160  | 162  | 165  | 170  |      |       |    |    |    |    |    |       |    |    |    |    |    |

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| IDB  | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |      |   |
|------|---------|-----------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|------|---|
|      |         | 65°F                        |       |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F |      |      |      | 105°F |      |      |      | 115°F |      |      |      |      |   |
|      |         | 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                         | 45.9  | 46.5 | 47.9 | -    | 45.5 | 46.1 | 47.5 | -    | 44.3 | 44.9 | 46.3 | -    | 42.2 | 42.9 | 44.2 | -     | 39.8 | 40.4 | 41.8 | -     | 37.5 | 38.1 | 39.5 | -    |   |
|      |         | S/T                         | 0.66  | 0.59 | 0.45 | -    | 0.67 | 0.59 | 0.46 | -    | 0.69 | 0.62 | 0.48 | -    | 0.71 | 0.64 | 0.50 | -     | 1.00 | 0.66 | 0.52 | -     | 1.00 | 0.71 | 0.57 | -    |   |
|      |         | ΔT                          | 19    | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -     | 19   | 17   | 13   | -     | 20   | 18   | 15   | -    |   |
|      | 1600    | kW                          | 2.69  | 2.69 | 2.69 | -    | 3.01 | 3.01 | 3.00 | -    | 3.36 | 3.36 | 3.35 | -    | 3.74 | 3.74 | 3.73 | -     | 4.16 | 4.16 | 4.15 | -     | 4.66 | 4.66 | 4.65 | -    |   |
|      |         | Amps                        | 9.9   | 9.9  | 9.8  | -    | 11.3 | 11.3 | 11.3 | -    | 12.9 | 12.9 | 12.9 | -    | 14.7 | 14.6 | 14.6 | -     | 16.6 | 16.6 | 16.6 | -     | 18.9 | 18.9 | 18.8 | -    |   |
|      |         | HI/PR                       | 249   | 250  | 252  | -    | 288  | 289  | 290  | -    | 328  | 330  | 331  | -    | 372  | 373  | 375  | -     | 420  | 421  | 423  | -     | 470  | 471  | 473  | -    |   |
|      | 1800    | LO/PR                       | 121   | 122  | 125  | -    | 128  | 129  | 132  | -    | 134  | 136  | 139  | -    | 140  | 141  | 144  | -     | 145  | 146  | 149  | -     | 151  | 153  | 156  | -    |   |
|      |         | MBh                         | 46.7  | 47.3 | 48.7 | -    | 46.3 | 46.9 | 48.3 | -    | 45.1 | 45.7 | 47.1 | -    | 43.1 | 43.7 | 45.1 | -     | 40.6 | 41.2 | 42.6 | -     | 38.3 | 39.0 | 40.3 | -    |   |
|      |         | S/T                         | 0.70  | 0.62 | 0.49 | -    | 0.70 | 0.63 | 0.49 | -    | 0.73 | 0.65 | 0.52 | -    | 0.75 | 0.67 | 0.54 | -     | 1.00 | 0.69 | 0.56 | -     | 1.00 | 0.75 | 0.61 | -    |   |
|      | 75      | 1400                        | ΔT    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13    | -    | 18   | 16   | 12    | -    | 19   | 17   | 13   | - |
|      |         |                             | kW    | 2.71 | 2.71 | 2.70 | -    | 3.02 | 3.02 | 3.02 | -    | 3.37 | 3.37 | 3.37 | -    | 3.75 | 3.75 | 3.75  | -    | 4.18 | 4.18 | 4.17  | -    | 4.68 | 4.67 | 4.67 | - |
|      |         |                             | Amps  | 9.9  | 9.9  | 9.9  | -    | 11.4 | 11.4 | 11.3 | -    | 13.0 | 13.0 | 13.0 | -    | 14.7 | 14.7 | 14.7  | -    | 16.7 | 16.7 | 16.6  | -    | 18.9 | 18.9 | 18.9 | - |
| 1600 |         | HI/PR                       | 251   | 252  | 254  | -    | 290  | 291  | 293  | -    | 331  | 332  | 334  | -    | 375  | 376  | 377  | -     | 422  | 423  | 425  | -     | 473  | 474  | 475  | -    |   |
|      |         | LO/PR                       | 123   | 124  | 127  | -    | 130  | 132  | 135  | -    | 136  | 138  | 141  | -    | 142  | 143  | 146  | -     | 147  | 149  | 152  | -     | 154  | 155  | 158  | -    |   |
|      |         | MBh                         | 47.7  | 48.4 | 49.7 | -    | 47.3 | 47.9 | 49.3 | -    | 46.1 | 46.8 | 48.1 | -    | 44.1 | 44.7 | 46.1 | -     | 41.6 | 42.2 | 43.6 | -     | 39.3 | 40.0 | 41.3 | -    |   |
| 1800 |         | S/T                         | 0.71  | 0.63 | 0.50 | -    | 0.71 | 0.64 | 0.50 | -    | 0.74 | 0.66 | 0.53 | -    | 1.00 | 0.68 | 0.55 | -     | 1.00 | 0.70 | 0.57 | -     | 1.00 | 0.75 | 0.62 | -    |   |
|      |         | ΔT                          | 17    | 15   | 12   | -    | 17   | 15   | 12   | -    | 17   | 15   | 12   | -    | 17   | 15   | 12   | -     | 17   | 15   | 11   | -     | 18   | 16   | 13   | -    |   |
|      |         | kW                          | 2.72  | 2.72 | 2.71 | -    | 3.04 | 3.03 | 3.03 | -    | 3.39 | 3.39 | 3.38 | -    | 3.77 | 3.77 | 3.76 | -     | 4.19 | 4.19 | 4.18 | -     | 4.69 | 4.69 | 4.68 | -    |   |
| 75   |         | 1400                        | Amps  | 10.0 | 10.0 | 10.0 | -    | 11.4 | 11.4 | 11.4 | -    | 13.1 | 13.0 | 13.0 | -    | 14.8 | 14.8 | 14.8  | -    | 16.7 | 16.7 | 16.7  | -    | 19.0 | 19.0 | 19.0 | - |
|      |         |                             | HI/PR | 253  | 255  | 256  | -    | 292  | 293  | 295  | -    | 333  | 334  | 336  | -    | 377  | 378  | 380   | -    | 424  | 426  | 427   | -    | 475  | 476  | 478  | - |
|      |         |                             | LO/PR | 125  | 127  | 130  | -    | 133  | 134  | 137  | -    | 139  | 141  | 144  | -    | 144  | 146  | 149   | -    | 150  | 151  | 154   | -    | 156  | 158  | 161  | - |
|      | 1600    | MBh                         | 45.9  | 46.5 | 47.9 | 50.0 | 45.5 | 46.1 | 47.5 | 49.5 | 44.3 | 44.9 | 46.3 | 48.4 | 42.3 | 42.9 | 44.3 | 46.3  | 39.8 | 40.4 | 41.8 | 43.8  | 37.5 | 38.2 | 39.5 | 41.6 |   |
|      |         | S/T                         | 0.79  | 0.71 | 0.58 | 0.44 | 0.80 | 0.72 | 0.59 | 0.44 | 1.00 | 0.75 | 0.61 | 0.47 | 1.00 | 0.76 | 0.63 | 0.49  | 1.00 | 0.79 | 0.65 | 0.51  | 1.00 | 0.84 | 0.70 | 0.56 |   |
|      |         | ΔT                          | 23    | 21   | 18   | 14   | 23   | 21   | 18   | 14   | 23   | 21   | 18   | 14   | 23   | 21   | 18   | 14    | 23   | 21   | 17   | 14    | 24   | 22   | 19   | 15   |   |
|      | 1800    | kW                          | 2.69  | 2.69 | 2.68 | 2.71 | 3.01 | 3.00 | 3.00 | 3.02 | 3.36 | 3.35 | 3.35 | 3.37 | 3.74 | 3.73 | 3.73 | 3.75  | 4.16 | 4.16 | 4.15 | 4.18  | 4.66 | 4.66 | 4.65 | 4.67 |   |
|      |         | Amps                        | 9.9   | 9.9  | 9.8  | 9.9  | 11.3 | 11.3 | 11.3 | 11.4 | 12.9 | 12.9 | 12.9 | 13.0 | 14.6 | 14.6 | 14.7 | 14.8  | 16.6 | 16.6 | 16.6 | 16.7  | 18.9 | 18.9 | 18.8 | 18.9 |   |
|      |         | HI/PR                       | 249   | 250  | 252  | 256  | 288  | 289  | 291  | 295  | 329  | 330  | 331  | 336  | 373  | 374  | 375  | 380   | 420  | 421  | 423  | 427   | 470  | 472  | 473  | 478  |   |
|      | 1800    | LO/PR                       | 121   | 122  | 125  | 130  | 128  | 129  | 132  | 137  | 134  | 136  | 139  | 144  | 140  | 141  | 144  | 149   | 145  | 146  | 149  | 154   | 151  | 153  | 156  | 161  |   |
|      |         | MBh                         | 46.7  | 47.4 | 48.7 | 50.8 | 46.3 | 47.0 | 48.3 | 50.4 | 45.1 | 45.8 | 47.1 | 49.2 | 43.1 | 43.7 | 45.1 | 47.2  | 40.6 | 41.3 | 42.6 | 44.7  | 38.3 | 39.0 | 40.3 | 42.4 |   |
|      |         | S/T                         | 0.83  | 0.75 | 0.62 | 0.47 | 0.83 | 0.76 | 0.62 | 0.48 | 1.00 | 0.78 | 0.65 | 0.51 | 1.00 | 0.80 | 0.67 | 0.52  | 1.00 | 0.82 | 0.69 | 0.55  | 1.00 | 1.00 | 0.74 | 0.60 |   |
| 75   | 1400    | ΔT                          | 22    | 20   | 17   | 13   | 22   | 20   | 17   | 13   | 22   | 20   | 17   | 13   | 22   | 20   | 17   | 13    | 22   | 20   | 16   | 13    | 23   | 21   | 18   | 14   |   |
|      |         | kW                          | 2.71  | 2.70 | 2.70 | 2.72 | 3.02 | 3.02 | 3.01 | 3.04 | 3.37 | 3.37 | 3.36 | 3.39 | 3.75 | 3.75 | 3.74 | 3.77  | 4.18 | 4.17 | 4.17 | 4.19  | 4.67 | 4.67 | 4.67 | 4.69 |   |
|      |         | Amps                        | 9.9   | 9.9  | 9.9  | 10.0 | 11.4 | 11.4 | 11.3 | 11.4 | 13.0 | 13.0 | 12.9 | 13.1 | 14.7 | 14.7 | 14.8 | 14.8  | 16.7 | 16.6 | 16.6 | 16.7  | 18.9 | 18.9 | 18.9 | 19.0 |   |
|      | 1600    | HI/PR                       | 251   | 252  | 254  | 258  | 290  | 291  | 293  | 297  | 331  | 332  | 334  | 338  | 375  | 376  | 378  | 382   | 422  | 423  | 425  | 429   | 473  | 474  | 476  | 480  |   |
|      |         | LO/PR                       | 123   | 124  | 127  | 132  | 130  | 132  | 135  | 140  | 137  | 138  | 141  | 146  | 142  | 143  | 146  | 151   | 147  | 149  | 152  | 157   | 154  | 155  | 158  | 163  |   |
|      |         | MBh                         | 47.7  | 48.4 | 49.7 | 51.8 | 47.3 | 48.0 | 49.3 | 51.4 | 46.2 | 46.8 | 48.1 | 50.2 | 44.1 | 44.8 | 46.1 | 48.2  | 41.6 | 42.3 | 43.6 | 45.7  | 39.4 | 40.0 | 41.4 | 43.4 |   |
|      | 1800    | S/T                         | 0.83  | 0.76 | 0.62 | 0.48 | 0.84 | 0.76 | 0.63 | 0.49 | 1.00 | 0.79 | 0.65 | 0.51 | 1.00 | 0.81 | 0.67 | 0.53  | 1.00 | 0.83 | 0.70 | 0.55  | 1.00 | 1.00 | 0.75 | 0.61 |   |
|      |         | ΔT                          | 21    | 19   | 16   | 12   | 21   | 19   | 16   | 12   | 21   | 19   | 16   | 12   | 21   | 19   | 16   | 12    | 21   | 19   | 15   | 12    | 22   | 20   | 17   | 13   |   |
|      |         | kW                          | 2.72  | 2.72 | 2.71 | 2.74 | 3.03 | 3.03 | 3.03 | 3.05 | 3.39 | 3.38 | 3.38 | 3.40 | 3.77 | 3.76 | 3.76 | 3.78  | 4.19 | 4.19 | 4.18 | 4.21  | 4.69 | 4.69 | 4.68 | 4.70 |   |
|      | 1800    | Amps                        | 10.0  | 10.0 | 10.0 | 10.1 | 11.4 | 11.4 | 11.4 | 11.5 | 13.0 | 13.0 | 13.0 | 13.1 | 14.8 | 14.8 | 14.9 | 14.9  | 16.7 | 16.7 | 16.7 | 16.8  | 19.0 | 19.0 | 19.0 | 19.1 |   |
|      |         | HI/PR                       | 254   | 255  | 257  | 261  | 293  | 294  | 295  | 300  | 333  | 334  | 336  | 341  | 377  | 378  | 380  | 384   | 425  | 426  | 427  | 432   | 475  | 476  | 478  | 482  |   |
|      |         | LO/PR                       | 126   | 127  | 130  | 135  | 133  | 134  | 137  | 142  | 139  | 141  | 144  | 149  | 144  | 146  | 149  | 154   | 150  | 151  | 154  | 159   | 156  | 158  | 161  | 166  |   |

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects ACCA (TVA) Rating Conditions.  
 Amps = Outdoor unit amps (compressor + fan)  
 kW = Total system power



| IDB       |       | OUTDOOR AMBIENT TEMPERATURE          |      |      |      |      |      |      |      |      |      |      |      | 105°F |      |      |      |      |      |      |      |      |      |      |      | 115°F |      |      |      |      |      |       |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
|-----------|-------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
|           |       | 65°F                                 |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F  |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |      |      |      |      | 115°F |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
|           |       | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |       |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |
| AIRFLOW   | 59    | 63                                   | 67   | 71   | 75   | 79   | 59   | 63   | 67   | 71   | 75   | 79   | 59   | 63    | 67   | 71   | 75   | 79   | 59   | 63   | 67   | 71   | 75   | 79   | 59   | 63    | 67   | 71   | 75   | 79   | 59   | 63    | 67   | 71   | 75   | 79   |      |      |      |      |      |      |      |  |  |  |  |
| <b>80</b> | 1400  | MBh                                  | 46.1 | 46.8 | 48.1 | 50.2 | 45.7 | 46.4 | 47.7 | 49.8 | 44.5 | 45.2 | 46.5 | 48.6  | 42.5 | 43.1 | 44.5 | 46.6 | 40.0 | 40.7 | 42.0 | 44.1 | 37.8 | 38.4 | 39.7 | 41.8  | 40.0 | 40.7 | 42.0 | 44.1 | 37.8 | 38.4  | 39.7 | 41.8 | 40.0 | 40.7 | 42.0 | 44.1 | 37.8 | 38.4 | 39.7 | 41.8 |      |  |  |  |  |
|           |       | S/T                                  | 0.91 | 0.84 | 0.70 | 0.56 | 1.00 | 0.84 | 0.71 | 0.57 | 1.00 | 0.87 | 0.73 | 0.59  | 1.00 | 0.89 | 0.75 | 0.61 | 1.00 | 1.00 | 1.00 | 0.78 | 0.63 | 1.00 | 1.00 | 0.83  | 0.69 | 1.00 | 1.00 | 0.78 | 0.63 | 1.00  | 1.00 | 0.83 | 0.69 | 1.00 | 1.00 | 0.78 | 0.63 | 1.00 | 1.00 | 0.83 | 0.69 |  |  |  |  |
|           | ΔT    | 27                                   | 25   | 22   | 18   | 27   | 25   | 22   | 18   | 27   | 26   | 22   | 19   | 27    | 25   | 22   | 18   | 27   | 27   | 25   | 22   | 18   | 28   | 26   | 23   | 19    | 27   | 25   | 22   | 18   | 27   | 25    | 22   | 18   | 27   | 25   | 22   | 18   | 27   | 25   | 22   | 18   |      |  |  |  |  |
|           | kW    | 2.69                                 | 2.69 | 2.69 | 2.71 | 3.01 | 3.01 | 3.00 | 3.02 | 3.36 | 3.36 | 3.35 | 3.37 | 3.74  | 3.74 | 3.74 | 3.75 | 4.16 | 4.16 | 4.16 | 4.15 | 4.18 | 4.66 | 4.66 | 4.65 | 4.68  | 4.16 | 4.16 | 4.15 | 4.18 | 4.66 | 4.66  | 4.65 | 4.68 | 4.16 | 4.16 | 4.15 | 4.18 | 4.66 | 4.66 | 4.65 | 4.68 |      |  |  |  |  |
|           | Amps  | 9.9                                  | 9.9  | 9.8  | 9.9  | 11.3 | 11.3 | 11.3 | 11.4 | 12.9 | 12.9 | 12.9 | 13.0 | 14.7  | 14.6 | 14.6 | 14.7 | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 18.9 | 18.9 | 18.8 | 18.9  | 16.6 | 16.6 | 16.6 | 16.6 | 18.9 | 18.9  | 18.8 | 18.9 | 16.6 | 16.6 | 16.6 | 16.6 | 18.9 | 18.9 | 18.8 | 18.9 |      |  |  |  |  |
|           | HI PR | 249                                  | 250  | 252  | 257  | 288  | 289  | 291  | 295  | 329  | 330  | 332  | 336  | 373   | 374  | 376  | 380  | 420  | 420  | 421  | 423  | 427  | 471  | 472  | 474  | 478   | 420  | 421  | 423  | 427  | 471  | 472   | 474  | 478  | 420  | 421  | 423  | 427  | 471  | 472  | 474  | 478  |      |  |  |  |  |
|           | LO PR | 121                                  | 123  | 126  | 131  | 128  | 130  | 133  | 138  | 135  | 136  | 139  | 144  | 140   | 142  | 145  | 150  | 145  | 145  | 147  | 150  | 155  | 152  | 153  | 156  | 162   | 145  | 147  | 150  | 155  | 152  | 153   | 156  | 162  | 145  | 147  | 150  | 155  | 152  | 153  | 156  | 162  |      |  |  |  |  |
|           | MBh   | 47.0                                 | 47.6 | 48.9 | 51.0 | 46.6 | 47.2 | 48.5 | 50.6 | 45.4 | 46.0 | 47.4 | 49.4 | 43.3  | 44.0 | 45.3 | 47.4 | 40.8 | 41.5 | 42.8 | 44.9 | 38.6 | 39.2 | 40.6 | 42.6 | 40.8  | 41.5 | 42.8 | 44.9 | 38.6 | 39.2 | 40.6  | 42.6 | 40.8 | 41.5 | 42.8 | 44.9 | 38.6 | 39.2 | 40.6 | 42.6 |      |      |  |  |  |  |
|           | S/T   | 1.00                                 | 0.88 | 0.74 | 0.60 | 1.00 | 0.88 | 0.75 | 0.60 | 1.00 | 0.91 | 0.77 | 0.63 | 1.00  | 0.93 | 0.79 | 0.65 | 1.00 | 1.00 | 0.81 | 0.67 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00  | 1.00 | 0.81 | 0.67 | 1.00 | 1.00 | 0.86  | 0.72 | 1.00 | 1.00 | 0.81 | 0.67 | 1.00 | 1.00 | 0.86 | 0.72 |      |      |  |  |  |  |
|           | ΔT    | 26                                   | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 26   | 25   | 21   | 17   | 26    | 24   | 21   | 17   | 26   | 26   | 24   | 21   | 17   | 27   | 25   | 22   | 18    | 26   | 24   | 21   | 17   | 26   | 24    | 21   | 17   | 26   | 24   | 21   | 17   | 26   | 24   | 21   | 17   |      |  |  |  |  |
| kW        | 2.71  | 2.71                                 | 2.70 | 2.72 | 3.02 | 3.02 | 3.02 | 3.04 | 3.37 | 3.37 | 3.37 | 3.39 | 3.75 | 3.75  | 3.75 | 3.77 | 4.18 | 4.18 | 4.17 | 4.19 | 4.68 | 4.67 | 4.67 | 4.69 | 3.75 | 3.75  | 3.75 | 3.77 | 4.68 | 4.67 | 4.67 | 4.69  | 3.75 | 3.75 | 3.75 | 3.77 | 4.68 | 4.67 | 4.67 | 4.69 |      |      |      |  |  |  |  |
| Amps      | 9.9   | 9.9                                  | 9.9  | 10.0 | 11.4 | 11.4 | 11.3 | 11.5 | 13.0 | 13.0 | 13.0 | 13.1 | 14.7 | 14.7  | 14.7 | 14.8 | 16.7 | 16.7 | 16.7 | 16.6 | 16.7 | 18.9 | 18.9 | 18.9 | 19.0 | 16.7  | 16.7 | 16.6 | 16.7 | 18.9 | 18.9 | 18.9  | 19.0 | 16.7 | 16.7 | 16.6 | 16.7 | 18.9 | 18.9 | 18.9 | 19.0 |      |      |  |  |  |  |
| HI PR     | 252   | 253                                  | 255  | 259  | 291  | 292  | 293  | 298  | 331  | 333  | 334  | 339  | 375  | 376   | 378  | 382  | 423  | 424  | 426  | 430  | 473  | 474  | 476  | 480  | 423  | 424   | 426  | 430  | 473  | 474  | 476  | 480   | 423  | 424  | 426  | 430  | 473  | 474  | 476  | 480  |      |      |      |  |  |  |  |
| LO PR     | 123   | 125                                  | 128  | 133  | 131  | 132  | 135  | 140  | 137  | 138  | 142  | 147  | 142  | 144   | 147  | 152  | 148  | 149  | 152  | 157  | 154  | 156  | 159  | 164  | 148  | 149   | 152  | 157  | 154  | 156  | 159  | 164   | 148  | 149  | 152  | 157  | 154  | 156  | 159  | 164  |      |      |      |  |  |  |  |
| MBh       | 48.0  | 48.6                                 | 50.0 | 52.0 | 47.6 | 48.2 | 49.6 | 51.6 | 46.4 | 47.0 | 48.4 | 50.4 | 44.4 | 45.0  | 46.3 | 48.4 | 41.9 | 42.5 | 43.9 | 45.9 | 39.6 | 40.2 | 41.6 | 43.7 | 41.9 | 42.5  | 43.9 | 45.9 | 39.6 | 40.2 | 41.6 | 43.7  | 41.9 | 42.5 | 43.9 | 45.9 | 39.6 | 40.2 | 41.6 | 43.7 |      |      |      |  |  |  |  |
| S/T       | 1.00  | 0.88                                 | 0.75 | 0.61 | 1.00 | 0.89 | 0.75 | 0.61 | 1.00 | 0.91 | 0.78 | 0.64 | 1.00 | 1.00  | 0.80 | 0.66 | 1.00 | 1.00 | 0.82 | 0.68 | 1.00 | 1.00 | 0.87 | 0.73 | 1.00 | 1.00  | 0.82 | 0.68 | 1.00 | 1.00 | 0.87 | 0.73  | 1.00 | 1.00 | 0.82 | 0.68 | 1.00 | 1.00 | 0.87 | 0.73 |      |      |      |  |  |  |  |
| ΔT        | 25    | 23                                   | 20   | 16   | 25   | 23   | 20   | 16   | 25   | 24   | 20   | 17   | 25   | 23    | 20   | 16   | 25   | 25   | 23   | 20   | 16   | 26   | 24   | 21   | 17   | 25    | 23   | 20   | 16   | 25   | 23   | 20    | 17   | 25   | 23   | 20   | 16   | 25   | 23   | 20   | 17   |      |      |  |  |  |  |
| kW        | 2.72  | 2.72                                 | 2.71 | 2.74 | 3.04 | 3.03 | 3.03 | 3.05 | 3.39 | 3.39 | 3.38 | 3.40 | 3.77 | 3.76  | 3.76 | 3.78 | 4.19 | 4.19 | 4.18 | 4.21 | 4.69 | 4.69 | 4.68 | 4.71 | 3.76 | 3.76  | 3.76 | 3.78 | 4.19 | 4.19 | 4.18 | 4.21  | 3.76 | 3.76 | 3.76 | 3.78 | 4.19 | 4.19 | 4.18 | 4.21 |      |      |      |  |  |  |  |
| Amps      | 10.0  | 10.0                                 | 10.0 | 10.1 | 11.4 | 11.4 | 11.4 | 11.5 | 13.1 | 13.0 | 13.0 | 13.1 | 14.8 | 14.8  | 14.8 | 14.9 | 16.7 | 16.7 | 16.7 | 16.7 | 19.0 | 19.0 | 19.0 | 19.1 | 16.7 | 16.7  | 16.7 | 16.7 | 19.0 | 19.0 | 19.0 | 19.1  | 16.7 | 16.7 | 16.7 | 16.7 | 19.0 | 19.0 | 19.0 | 19.1 |      |      |      |  |  |  |  |
| HI PR     | 254   | 255                                  | 257  | 261  | 293  | 294  | 296  | 300  | 334  | 335  | 337  | 341  | 378  | 379   | 381  | 385  | 425  | 426  | 428  | 432  | 476  | 477  | 478  | 483  | 425  | 426   | 428  | 432  | 476  | 477  | 478  | 483   | 425  | 426  | 428  | 432  | 476  | 477  | 478  | 483  |      |      |      |  |  |  |  |
| LO PR     | 126   | 128                                  | 131  | 136  | 133  | 135  | 138  | 143  | 140  | 141  | 144  | 149  | 145  | 146   | 149  | 155  | 150  | 152  | 155  | 160  | 157  | 158  | 161  | 166  | 149  | 151   | 154  | 159  | 157  | 158  | 161  | 166   | 149  | 151  | 154  | 159  | 157  | 158  | 161  | 166  |      |      |      |  |  |  |  |
| <b>85</b> | 1400  | MBh                                  | 46.9 | 47.5 | 48.9 | 50.9 | 46.5 | 47.1 | 48.5 | 50.5 | 45.3 | 45.9 | 47.3 | 49.4  | 43.3 | 43.9 | 45.3 | 47.3 | 40.8 | 41.4 | 42.8 | 44.8 | 38.5 | 39.2 | 40.5 | 42.6  | 40.8 | 41.4 | 42.8 | 44.8 | 38.5 | 39.2  | 40.5 | 42.6 | 40.8 | 41.4 | 42.8 | 44.8 | 38.5 | 39.2 | 40.5 | 42.6 |      |  |  |  |  |
|           |       | S/T                                  | 1.00 | 0.94 | 0.80 | 0.66 | 1.00 | 0.95 | 0.81 | 0.67 | 1.00 | 1.00 | 0.84 | 0.69  | 1.00 | 1.00 | 0.85 | 0.71 | 1.00 | 1.00 | 0.88 | 0.73 | 1.00 | 1.00 | 0.93 | 0.79  | 1.00 | 1.00 | 0.88 | 0.73 | 1.00 | 1.00  | 0.93 | 0.79 | 1.00 | 1.00 | 0.88 | 0.73 | 1.00 | 1.00 | 0.93 | 0.79 |      |  |  |  |  |
|           | ΔT    | 31                                   | 29   | 26   | 22   | 31   | 29   | 26   | 22   | 31   | 29   | 26   | 22   | 31    | 29   | 26   | 22   | 31   | 30   | 28   | 24   | 21   | 32   | 30   | 26   | 23    | 31   | 29   | 26   | 22   | 32   | 30    | 26   | 23   | 31   | 29   | 26   | 22   | 32   | 30   | 26   | 23   |      |  |  |  |  |
|           | kW    | 2.70                                 | 2.70 | 2.69 | 2.72 | 3.01 | 3.01 | 3.01 | 3.03 | 3.36 | 3.36 | 3.36 | 3.38 | 3.74  | 3.74 | 3.74 | 3.76 | 4.17 | 4.17 | 4.16 | 4.18 | 4.67 | 4.66 | 4.66 | 4.68 | 3.74  | 3.74 | 3.74 | 3.76 | 4.17 | 4.17 | 4.16  | 4.18 | 3.74 | 3.74 | 3.74 | 3.76 | 4.17 | 4.17 | 4.16 | 4.18 |      |      |  |  |  |  |
|           | Amps  | 9.9                                  | 9.9  | 9.9  | 10.0 | 11.3 | 11.3 | 11.3 | 11.4 | 12.9 | 12.9 | 12.9 | 13.0 | 14.7  | 14.7 | 14.6 | 14.8 | 16.6 | 16.6 | 16.6 | 16.7 | 18.9 | 18.9 | 18.9 | 19.0 | 16.6  | 16.6 | 16.6 | 16.7 | 18.9 | 18.9 | 18.9  | 19.0 | 16.6 | 16.6 | 16.6 | 16.7 | 18.9 | 18.9 | 18.9 | 19.0 |      |      |  |  |  |  |
|           | HI PR | 251                                  | 252  | 253  | 258  | 290  | 291  | 292  | 297  | 330  | 331  | 333  | 337  | 374   | 375  | 377  | 381  | 422  | 423  | 424  | 429  | 472  | 473  | 475  | 479  | 422   | 423  | 424  | 429  | 472  | 473  | 475   | 479  | 422  | 423  | 424  | 429  | 472  | 473  | 475  | 479  |      |      |  |  |  |  |
|           | LO PR | 123                                  | 124  | 128  | 133  | 130  | 132  | 135  | 140  | 137  | 138  | 141  | 146  | 142   | 143  | 146  | 151  | 147  | 149  | 152  | 157  | 154  | 155  | 158  | 163  | 147   | 149  | 152  | 157  | 154  | 155  | 158   | 163  | 147  | 149  | 152  | 157  | 154  | 155  | 158  | 163  |      |      |  |  |  |  |
|           | MBh   | 47.7                                 | 48.4 | 49.7 | 51.8 | 47.3 | 48.0 | 49.3 | 51.4 | 46.1 | 46.8 | 48.1 | 50.2 | 44.1  | 44.7 | 46.1 | 48.2 | 41.6 | 42.3 | 43.6 | 45.7 | 39.3 | 40.0 | 41.3 | 43.4 | 41.6  | 42.3 | 43.6 | 45.7 | 39.3 | 40.0 | 41.3  | 43.4 | 41.6 | 42.3 | 43.6 | 45.7 | 39.3 | 40.0 | 41.3 | 43.4 |      |      |  |  |  |  |
|           | S/T   | 1.00                                 | 0.98 | 0.84 | 0.70 | 1.00 | 0.98 | 0.85 | 0.71 | 1.00 | 1.00 | 0.87 | 0.73 | 1.00  | 1.00 | 0.89 | 0.75 | 1.00 | 1.00 | 0.91 | 0.77 | 1.00 | 1.00 | 1.00 | 0.82 | 1.00  | 1.00 | 0.91 | 0.77 | 1.00 | 1.00 | 1.00  | 0.82 | 1.00 | 1.00 | 0.91 | 0.77 | 1.00 | 1.00 | 1.00 | 0.82 |      |      |  |  |  |  |
|           | ΔT    | 30                                   | 28   | 25   | 21   | 30   | 28   | 24   | 21   | 30   | 28   | 25   | 21   | 30    | 28   | 24   | 21   | 30   | 30   | 28   | 24   | 21   | 31   | 29   | 25   | 22    | 30   | 28   | 24   | 21   | 31   | 29    | 25   | 22   | 30   | 28   | 24   | 21   | 31   | 29   | 25   | 22   |      |  |  |  |  |
| kW        | 2.71  | 2.71                                 | 2.71 | 2.73 | 3.03 | 3.03 | 3.02 | 3.05 | 3.38 | 3.38 | 3.37 | 3.40 | 3.76 | 3.76  | 3.75 | 3.78 | 4.18 | 4.18 | 4.18 | 4.20 | 4.68 | 4.68 | 4.66 | 4.70 | 3.76 | 3.76  | 3.75 | 3.78 | 4.18 | 4.18 | 4.18 | 4.20  | 3.76 | 3.76 | 3.75 | 3.78 | 4.18 | 4.18 | 4.18 | 4.20 |      |      |      |  |  |  |  |
| Amps      | 10.0  | 10.0                                 | 9.9  | 10.0 | 11.4 | 11.4 | 11.4 | 11.5 | 13.0 | 13.0 | 13.0 | 13.1 | 14.8 | 14.7  | 14.7 | 14.8 | 16.7 | 16.7 | 16.7 | 16.8 | 19.0 | 19.0 | 18.9 | 19.0 | 16.7 | 16.7  | 16.7 | 16.8 | 19.0 | 19.0 | 18.9 | 19.0  |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |

| IDB         |             | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | 115°F |      |      |      |      |      |      |      |      |      |      |      |       |    |  |  |  |  |
|-------------|-------------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|----|--|--|--|--|
|             |             | 65°F                        |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F  |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |    |  |  |  |  |
|             |             | AIRFLOW                     |      | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67    | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67    | 71 |  |  |  |  |
| <b>70</b>   | <b>1790</b> | MBh                         | 58.2 | 59.0 | 60.8 | -    | 57.7 | 58.5 | 60.3 | -    | 56.2 | 57.0 | 58.8 | -     | 53.6 | 54.5 | 56.2 | -    | 50.5 | 51.3 | 53.0 | -    | 47.6 | 48.4 | 50.1 | -     |    |  |  |  |  |
|             |             | S/T                         | 0.67 | 0.59 | 0.46 | -    | 0.67 | 0.60 | 0.46 | -    | 0.70 | 0.62 | 0.49 | -     | 0.72 | 0.64 | 0.51 | -    | 0.74 | 0.67 | 0.53 | -    | 1.00 | 0.72 | 0.58 | -     |    |  |  |  |  |
|             |             | ΔT                          | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -     | 19   | 17   | 14   | -    | 19   | 17   | 13   | -    | 20   | 18   | 14   | -     |    |  |  |  |  |
|             |             | kW                          | 3.35 | 3.35 | 3.34 | -    | 3.78 | 3.78 | 3.77 | -    | 4.25 | 4.25 | 4.24 | -     | 4.76 | 4.76 | 4.75 | -    | 5.34 | 5.33 | 5.33 | -    | 6.01 | 6.00 | 6.00 | -     |    |  |  |  |  |
|             |             | Amps                        | 13.2 | 13.2 | 13.1 | -    | 15.1 | 15.1 | 15.1 | -    | 17.3 | 17.3 | 17.2 | -     | 19.6 | 19.6 | 19.6 | -    | 22.2 | 22.2 | 22.2 | -    | 25.3 | 25.3 | 25.3 | -     |    |  |  |  |  |
|             |             | HI/PR                       | 258  | 259  | 261  | -    | 298  | 299  | 301  | -    | 340  | 341  | 343  | -     | 386  | 387  | 389  | -    | 435  | 436  | 438  | -    | 487  | 488  | 490  | -     |    |  |  |  |  |
|             | LO/PR       | 116                         | 118  | 121  | -    | 123  | 125  | 128  | -    | 130  | 131  | 134  | -    | 135   | 136  | 139  | -    | 140  | 141  | 144  | -    | 146  | 148  | 150  | -    |       |    |  |  |  |  |
|             | <b>2000</b> | MBh                         | 59.1 | 59.9 | 61.6 | -    | 58.6 | 59.4 | 61.1 | -    | 57.1 | 57.9 | 59.6 | -     | 54.5 | 55.3 | 57.0 | -    | 51.3 | 52.1 | 53.9 | -    | 48.4 | 49.3 | 51.0 | -     |    |  |  |  |  |
|             |             | S/T                         | 0.70 | 0.62 | 0.49 | -    | 0.71 | 0.63 | 0.49 | -    | 0.73 | 0.66 | 0.52 | -     | 0.75 | 0.68 | 0.54 | -    | 0.77 | 0.70 | 0.56 | -    | 1.00 | 0.75 | 0.61 | -     |    |  |  |  |  |
|             |             | ΔT                          | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -     | 18   | 16   | 13   | -    | 18   | 16   | 12   | -    | 19   | 17   | 14   | -     |    |  |  |  |  |
|             |             | kW                          | 3.37 | 3.37 | 3.36 | -    | 3.80 | 3.79 | 3.79 | -    | 4.27 | 4.27 | 4.26 | -     | 4.78 | 4.78 | 4.77 | -    | 5.35 | 5.35 | 5.34 | -    | 6.03 | 6.02 | 6.01 | -     |    |  |  |  |  |
|             |             | Amps                        | 13.2 | 13.2 | 13.2 | -    | 15.2 | 15.2 | 15.1 | -    | 17.4 | 17.3 | 17.3 | -     | 19.7 | 19.7 | 19.6 | -    | 22.3 | 22.3 | 22.3 | -    | 25.4 | 25.4 | 25.3 | -     |    |  |  |  |  |
| HI/PR       |             | 260                         | 261  | 263  | -    | 300  | 301  | 303  | -    | 342  | 343  | 345  | -    | 388   | 389  | 391  | -    | 437  | 438  | 440  | -    | 489  | 490  | 492  | -    |       |    |  |  |  |  |
| LO/PR       | 118         | 120                         | 123  | -    | 125  | 127  | 130  | -    | 131  | 133  | 136  | -    | 136  | 138   | 141  | -    | 142  | 143  | 146  | -    | 148  | 149  | 152  | -    |      |       |    |  |  |  |  |
| <b>2250</b> | MBh         | 60.3                        | 61.1 | 62.8 | -    | 59.8 | 60.6 | 62.3 | -    | 58.3 | 59.1 | 60.8 | -    | 55.7  | 56.5 | 58.2 | -    | 52.5 | 53.4 | 55.1 | -    | 49.7 | 50.5 | 52.2 | -    |       |    |  |  |  |  |
|             | S/T         | 0.71                        | 0.64 | 0.50 | -    | 0.72 | 0.64 | 0.51 | -    | 0.75 | 0.67 | 0.53 | -    | 0.76  | 0.69 | 0.55 | -    | 1.00 | 0.71 | 0.57 | -    | 1.00 | 0.76 | 0.63 | -    |       |    |  |  |  |  |
|             | ΔT          | 17                          | 15   | 12   | -    | 17   | 15   | 12   | -    | 17   | 15   | 12   | -    | 17    | 15   | 12   | -    | 17   | 15   | 11   | -    | 18   | 16   | 13   | -    |       |    |  |  |  |  |
|             | kW          | 3.39                        | 3.39 | 3.38 | -    | 3.81 | 3.81 | 3.80 | -    | 4.29 | 4.28 | 4.28 | -    | 4.80  | 4.80 | 4.79 | -    | 5.37 | 5.37 | 5.36 | -    | 6.04 | 6.04 | 6.03 | -    |       |    |  |  |  |  |
|             | Amps        | 13.3                        | 13.3 | 13.3 | -    | 15.3 | 15.3 | 15.2 | -    | 17.4 | 17.4 | 17.4 | -    | 19.8  | 19.8 | 19.7 | -    | 22.4 | 22.4 | 22.4 | -    | 25.5 | 25.5 | 25.4 | -    |       |    |  |  |  |  |
|             | HI/PR       | 262                         | 263  | 265  | -    | 302  | 303  | 305  | -    | 345  | 346  | 347  | -    | 390   | 391  | 393  | -    | 439  | 440  | 442  | -    | 491  | 492  | 494  | -    |       |    |  |  |  |  |
| LO/PR       | 121         | 122                         | 125  | -    | 128  | 129  | 132  | -    | 134  | 135  | 138  | -    | 139  | 140   | 143  | -    | 144  | 145  | 148  | -    | 150  | 152  | 155  | -    |      |       |    |  |  |  |  |
| <b>75</b>   | <b>1790</b> | MBh                         | 58.3 | 59.1 | 60.8 | 63.4 | 57.8 | 58.6 | 60.3 | 62.9 | 56.3 | 57.1 | 58.8 | 61.4  | 53.7 | 54.5 | 56.2 | 58.8 | 50.5 | 51.3 | 53.0 | 55.7 | 47.6 | 48.4 | 50.2 | 52.8  |    |  |  |  |  |
|             |             | S/T                         | 0.80 | 0.72 | 0.59 | 0.44 | 0.80 | 0.73 | 0.59 | 0.45 | 0.83 | 0.75 | 0.62 | 0.47  | 1.00 | 0.77 | 0.64 | 0.49 | 1.00 | 0.79 | 0.66 | 0.52 | 1.00 | 0.85 | 0.71 | 0.57  |    |  |  |  |  |
|             |             | ΔT                          | 23   | 21   | 18   | 14   | 23   | 21   | 18   | 14   | 23   | 21   | 18   | 14    | 23   | 21   | 18   | 14   | 23   | 21   | 17   | 14   | 24   | 22   | 19   | 15    |    |  |  |  |  |
|             |             | kW                          | 3.35 | 3.35 | 3.34 | 3.37 | 3.78 | 3.77 | 3.77 | 3.80 | 4.25 | 4.25 | 4.24 | 4.27  | 4.76 | 4.76 | 4.75 | 4.78 | 5.33 | 5.33 | 5.32 | 5.36 | 6.01 | 6.00 | 5.99 | 6.03  |    |  |  |  |  |
|             |             | Amps                        | 13.2 | 13.1 | 13.1 | 13.3 | 15.1 | 15.1 | 15.0 | 15.2 | 17.3 | 17.2 | 17.2 | 17.4  | 19.6 | 19.6 | 19.6 | 19.7 | 22.2 | 22.2 | 22.2 | 22.3 | 25.3 | 25.3 | 25.2 | 25.4  |    |  |  |  |  |
|             |             | HI/PR                       | 258  | 259  | 261  | 265  | 298  | 299  | 301  | 306  | 340  | 341  | 343  | 348   | 386  | 387  | 389  | 393  | 435  | 436  | 438  | 442  | 487  | 488  | 490  | 495   |    |  |  |  |  |
|             | LO/PR       | 116                         | 118  | 121  | 126  | 123  | 125  | 128  | 133  | 130  | 131  | 134  | 139  | 135   | 136  | 139  | 144  | 140  | 141  | 144  | 149  | 146  | 148  | 150  | 155  |       |    |  |  |  |  |
|             | <b>2000</b> | MBh                         | 59.1 | 59.9 | 61.6 | 64.3 | 58.6 | 59.4 | 61.1 | 63.8 | 57.1 | 57.9 | 59.6 | 62.3  | 54.5 | 55.3 | 57.0 | 59.7 | 51.4 | 52.2 | 53.9 | 56.5 | 48.5 | 49.3 | 51.0 | 53.6  |    |  |  |  |  |
|             |             | S/T                         | 0.83 | 0.75 | 0.62 | 0.47 | 0.84 | 0.76 | 0.62 | 0.48 | 0.86 | 0.79 | 0.65 | 0.51  | 1.00 | 0.81 | 0.67 | 0.53 | 1.00 | 0.83 | 0.69 | 0.55 | 1.00 | 0.88 | 0.74 | 0.60  |    |  |  |  |  |
|             |             | ΔT                          | 22   | 20   | 17   | 13   | 22   | 20   | 17   | 13   | 22   | 20   | 17   | 13    | 22   | 20   | 17   | 13   | 22   | 20   | 16   | 13   | 23   | 21   | 18   | 14    |    |  |  |  |  |
|             |             | kW                          | 3.37 | 3.37 | 3.36 | 3.39 | 3.79 | 3.79 | 3.78 | 3.82 | 4.27 | 4.26 | 4.26 | 4.29  | 4.78 | 4.78 | 4.77 | 4.80 | 5.35 | 5.35 | 5.34 | 5.37 | 6.02 | 6.02 | 6.01 | 6.04  |    |  |  |  |  |
|             |             | Amps                        | 13.2 | 13.2 | 13.2 | 13.3 | 15.2 | 15.2 | 15.1 | 15.3 | 17.3 | 17.3 | 17.3 | 17.4  | 19.7 | 19.7 | 19.6 | 19.8 | 22.3 | 22.3 | 22.3 | 22.4 | 25.4 | 25.4 | 25.3 | 25.5  |    |  |  |  |  |
| HI/PR       |             | 260                         | 261  | 263  | 267  | 300  | 301  | 303  | 307  | 342  | 343  | 345  | 350  | 388   | 389  | 391  | 395  | 437  | 438  | 440  | 444  | 489  | 490  | 492  | 497  |       |    |  |  |  |  |
| LO/PR       | 118         | 120                         | 123  | 127  | 125  | 127  | 130  | 134  | 131  | 133  | 136  | 141  | 136  | 138   | 141  | 146  | 142  | 143  | 146  | 151  | 148  | 149  | 152  | 157  |      |       |    |  |  |  |  |
| <b>2250</b> | MBh         | 60.3                        | 61.1 | 62.9 | 65.5 | 59.8 | 60.6 | 62.3 | 65.0 | 58.3 | 59.1 | 60.8 | 63.5 | 55.7  | 56.5 | 58.3 | 60.9 | 52.6 | 53.4 | 55.1 | 57.7 | 49.7 | 50.5 | 52.2 | 54.9 |       |    |  |  |  |  |
|             | S/T         | 0.84                        | 0.77 | 0.63 | 0.49 | 0.85 | 0.77 | 0.64 | 0.49 | 1.00 | 0.80 | 0.66 | 0.52 | 1.00  | 0.82 | 0.68 | 0.54 | 1.00 | 0.84 | 0.70 | 0.56 | 1.00 | 0.89 | 0.76 | 0.61 |       |    |  |  |  |  |
|             | ΔT          | 21                          | 19   | 16   | 12   | 21   | 19   | 16   | 12   | 21   | 20   | 16   | 12   | 21    | 19   | 16   | 12   | 21   | 19   | 16   | 12   | 22   | 20   | 17   | 13   |       |    |  |  |  |  |
|             | kW          | 3.39                        | 3.38 | 3.38 | 3.41 | 3.81 | 3.81 | 3.80 | 3.83 | 4.29 | 4.28 | 4.27 | 4.31 | 4.80  | 4.79 | 4.79 | 4.82 | 5.37 | 5.37 | 5.36 | 5.39 | 6.04 | 6.04 | 6.03 | 6.06 |       |    |  |  |  |  |
|             | Amps        | 13.3                        | 13.3 | 13.3 | 13.4 | 15.3 | 15.2 | 15.2 | 15.4 | 17.4 | 17.4 | 17.4 | 17.5 | 19.8  | 19.8 | 19.7 | 19.9 | 22.4 | 22.4 | 22.3 | 22.5 | 25.5 | 25.4 | 25.4 | 25.6 |       |    |  |  |  |  |
|             | HI/PR       | 262                         | 263  | 265  | 270  | 303  | 304  | 305  | 310  | 345  | 346  | 348  | 352  | 390   | 391  | 393  | 398  | 439  | 440  | 442  | 447  | 492  | 493  | 495  | 499  |       |    |  |  |  |  |
| LO/PR       | 121         | 122                         | 125  | 130  | 128  | 129  | 132  | 137  | 134  | 135  | 138  | 143  | 139  | 140   | 143  | 148  | 144  | 145  | 148  | 153  | 150  | 152  | 155  | 160  |      |       |    |  |  |  |  |

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects ACCA (TVA) Rating Conditions.  
 Amps = Outdoor unit amps (compressor + fan)  
 kW = Total system power

| IDB   | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | 105°F |      |      |      |      |      |      |      |      |      |      |      | 115°F |      |    |    |    |    |       |    |    |    |    |    |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|------|----|----|----|----|-------|----|----|----|----|----|
|       |         | 65°F                        |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F  |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |    |    |    |    | 115°F |    |    |    |    |    |
|       |         | 59                          | 63   | 67   | 71   | 75   | 79   | 59   | 63   | 67   | 71   | 75   | 79   | 59    | 63   | 67   | 71   | 75   | 79   | 59   | 63   | 67   | 71   | 75   | 79   | 59    | 63   | 67 | 71 | 75 | 79 | 59    | 63 | 67 | 71 | 75 | 79 |
| 80    | 1790    | MBh                         | 58.6 | 59.4 | 61.1 | 63.7 | 58.1 | 58.9 | 60.6 | 63.2 | 56.6 | 57.4 | 59.1 | 61.7  | 54.0 | 54.8 | 56.5 | 59.1 | 50.8 | 51.6 | 53.3 | 56.0 | 47.9 | 48.7 | 50.5 | 53.1  |      |    |    |    |    |       |    |    |    |    |    |
|       |         | S/T                         | 0.92 | 0.85 | 0.71 | 0.57 | 1.00 | 0.85 | 0.72 | 0.57 | 1.00 | 0.88 | 0.74 | 0.60  | 1.00 | 0.90 | 0.76 | 0.62 | 1.00 | 0.92 | 0.78 | 0.64 | 1.00 | 1.00 | 1.00 | 0.84  | 0.69 |    |    |    |    |       |    |    |    |    |    |
|       |         | ΔT                          | 27   | 25   | 22   | 18   | 27   | 25   | 22   | 18   | 27   | 25   | 22   | 18    | 27   | 25   | 22   | 18   | 27   | 25   | 21   | 18   | 28   | 26   | 23   | 19    |      |    |    |    |    |       |    |    |    |    |    |
|       |         | kW                          | 3.35 | 3.35 | 3.34 | 3.38 | 3.78 | 3.78 | 3.77 | 3.80 | 4.25 | 4.25 | 4.24 | 4.27  | 4.76 | 4.76 | 4.75 | 4.79 | 5.34 | 5.33 | 5.33 | 5.36 | 6.01 | 6.00 | 6.00 | 6.03  |      |    |    |    |    |       |    |    |    |    |    |
|       |         | Amps                        | 13.2 | 13.1 | 13.1 | 13.3 | 15.1 | 15.1 | 15.1 | 15.2 | 17.3 | 17.3 | 17.2 | 17.4  | 19.6 | 19.6 | 19.6 | 19.7 | 22.2 | 22.2 | 22.2 | 22.3 | 25.3 | 25.3 | 25.3 | 25.4  |      |    |    |    |    |       |    |    |    |    |    |
|       | HI PR   | 258                         | 259  | 261  | 266  | 299  | 300  | 302  | 306  | 341  | 342  | 344  | 348  | 386   | 387  | 389  | 394  | 435  | 436  | 438  | 443  | 488  | 489  | 491  | 495  |       |      |    |    |    |    |       |    |    |    |    |    |
|       | LO PR   | 117                         | 118  | 121  | 126  | 124  | 125  | 128  | 133  | 130  | 131  | 134  | 139  | 135   | 137  | 140  | 144  | 140  | 142  | 145  | 150  | 147  | 148  | 151  | 156  |       |      |    |    |    |    |       |    |    |    |    |    |
|       | MBh     | 59.4                        | 60.2 | 61.9 | 64.6 | 58.9 | 59.7 | 61.4 | 64.1 | 57.4 | 58.2 | 59.9 | 62.6 | 54.8  | 55.6 | 57.3 | 60.0 | 51.7 | 52.5 | 54.2 | 56.8 | 48.8 | 49.6 | 51.3 | 53.9 |       |      |    |    |    |    |       |    |    |    |    |    |
|       | S/T     | 0.96                        | 0.88 | 0.74 | 0.60 | 1.00 | 0.89 | 0.75 | 0.61 | 1.00 | 0.91 | 0.78 | 0.63 | 1.00  | 0.93 | 0.79 | 0.65 | 1.00 | 0.95 | 0.82 | 0.67 | 1.00 | 1.00 | 1.00 | 0.87 | 0.73  |      |    |    |    |    |       |    |    |    |    |    |
|       | ΔT      | 26                          | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 26   | 25   | 21   | 18   | 26    | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 27   | 25   | 22   | 18   |       |      |    |    |    |    |       |    |    |    |    |    |
| kW    | 3.37    | 3.37                        | 3.36 | 3.39 | 3.80 | 3.79 | 3.79 | 3.82 | 4.27 | 4.27 | 4.26 | 4.29 | 4.78 | 4.78  | 4.77 | 4.80 | 5.35 | 5.35 | 5.34 | 5.38 | 6.02 | 6.02 | 6.01 | 6.05 |      |       |      |    |    |    |    |       |    |    |    |    |    |
| Amps  | 13.2    | 13.2                        | 13.2 | 13.3 | 15.2 | 15.2 | 15.1 | 15.3 | 17.4 | 17.3 | 17.3 | 17.5 | 19.7 | 19.7  | 19.6 | 19.8 | 22.3 | 22.3 | 22.3 | 22.4 | 25.4 | 25.4 | 25.4 | 25.5 |      |       |      |    |    |    |    |       |    |    |    |    |    |
| HI PR | 260     | 261                         | 263  | 268  | 301  | 302  | 304  | 308  | 343  | 344  | 346  | 350  | 388  | 389   | 391  | 396  | 437  | 438  | 440  | 445  | 490  | 491  | 493  | 497  |      |       |      |    |    |    |    |       |    |    |    |    |    |
| LO PR | 119     | 120                         | 123  | 128  | 126  | 127  | 130  | 135  | 132  | 133  | 136  | 141  | 137  | 138   | 141  | 146  | 142  | 143  | 146  | 151  | 148  | 150  | 153  | 158  |      |       |      |    |    |    |    |       |    |    |    |    |    |
| MBh   | 60.6    | 61.4                        | 63.2 | 65.8 | 60.1 | 60.9 | 62.6 | 65.3 | 58.6 | 59.4 | 61.1 | 63.8 | 56.0 | 56.8  | 58.6 | 61.2 | 52.9 | 53.7 | 55.4 | 58.0 | 50.0 | 50.8 | 52.5 | 55.1 |      |       |      |    |    |    |    |       |    |    |    |    |    |
| S/T   | 0.97    | 0.89                        | 0.76 | 0.61 | 1.00 | 0.90 | 0.76 | 0.62 | 1.00 | 0.92 | 0.79 | 0.64 | 1.00 | 0.94  | 0.81 | 0.66 | 1.00 | 1.00 | 0.83 | 0.69 | 1.00 | 1.00 | 1.00 | 0.88 | 0.74 |       |      |    |    |    |    |       |    |    |    |    |    |
| ΔT    | 25      | 23                          | 20   | 16   | 25   | 23   | 20   | 16   | 25   | 24   | 20   | 17   | 25   | 23    | 20   | 16   | 25   | 23   | 20   | 16   | 26   | 24   | 21   | 17   |      |       |      |    |    |    |    |       |    |    |    |    |    |
| kW    | 3.39    | 3.39                        | 3.38 | 3.41 | 3.81 | 3.81 | 3.80 | 3.84 | 4.29 | 4.28 | 4.28 | 4.31 | 4.80 | 4.80  | 4.79 | 4.82 | 5.37 | 5.37 | 5.36 | 5.39 | 6.04 | 6.04 | 6.03 | 6.06 |      |       |      |    |    |    |    |       |    |    |    |    |    |
| Amps  | 13.3    | 13.3                        | 13.3 | 13.4 | 15.3 | 15.3 | 15.2 | 15.4 | 17.4 | 17.4 | 17.4 | 17.5 | 19.8 | 19.8  | 19.7 | 19.9 | 22.4 | 22.4 | 22.3 | 22.5 | 25.5 | 25.5 | 25.4 | 25.6 |      |       |      |    |    |    |    |       |    |    |    |    |    |
| HI PR | 263     | 264                         | 266  | 270  | 303  | 304  | 306  | 310  | 345  | 346  | 348  | 353  | 391  | 392   | 394  | 398  | 440  | 441  | 443  | 447  | 492  | 493  | 495  | 499  |      |       |      |    |    |    |    |       |    |    |    |    |    |
| LO PR | 121     | 123                         | 125  | 130  | 128  | 129  | 132  | 137  | 134  | 136  | 139  | 143  | 139  | 141   | 144  | 149  | 144  | 146  | 149  | 154  | 151  | 152  | 155  | 160  |      |       |      |    |    |    |    |       |    |    |    |    |    |
| 85    | 1790    | MBh                         | 59.5 | 60.3 | 62.1 | 64.7 | 59.0 | 59.8 | 61.6 | 64.2 | 57.5 | 58.3 | 60.1 | 62.7  | 54.9 | 55.8 | 57.5 | 60.1 | 51.8 | 52.6 | 54.3 | 56.9 | 48.9 | 49.7 | 51.4 | 54.1  |      |    |    |    |    |       |    |    |    |    |    |
|       |         | S/T                         | 1.00 | 0.95 | 0.81 | 0.67 | 1.00 | 0.96 | 0.82 | 0.68 | 1.00 | 0.98 | 0.84 | 0.70  | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 0.89 | 0.74 | 1.00 | 1.00 | 0.94 | 0.79  |      |    |    |    |    |       |    |    |    |    |    |
|       |         | ΔT                          | 31   | 29   | 25   | 22   | 31   | 29   | 25   | 22   | 31   | 29   | 26   | 22    | 31   | 29   | 25   | 22   | 30   | 29   | 25   | 22   | 32   | 30   | 26   | 23    |      |    |    |    |    |       |    |    |    |    |    |
|       |         | kW                          | 3.36 | 3.36 | 3.35 | 3.38 | 3.79 | 3.78 | 3.78 | 3.81 | 4.26 | 4.26 | 4.25 | 4.28  | 4.77 | 4.77 | 4.76 | 4.79 | 5.34 | 5.34 | 5.33 | 5.37 | 6.02 | 6.01 | 6.00 | 6.04  |      |    |    |    |    |       |    |    |    |    |    |
|       |         | Amps                        | 13.2 | 13.2 | 13.2 | 13.3 | 15.1 | 15.1 | 15.1 | 15.2 | 17.3 | 17.3 | 17.3 | 17.4  | 19.7 | 19.7 | 19.6 | 19.8 | 22.3 | 22.3 | 22.2 | 22.4 | 25.3 | 25.3 | 25.3 | 25.4  |      |    |    |    |    |       |    |    |    |    |    |
|       | HI PR   | 260                         | 261  | 262  | 267  | 300  | 301  | 303  | 307  | 342  | 343  | 345  | 349  | 388   | 389  | 390  | 395  | 437  | 438  | 439  | 444  | 489  | 490  | 492  | 496  |       |      |    |    |    |    |       |    |    |    |    |    |
|       | LO PR   | 119                         | 120  | 123  | 128  | 126  | 127  | 130  | 135  | 132  | 133  | 136  | 141  | 137   | 138  | 141  | 146  | 142  | 143  | 146  | 151  | 148  | 150  | 153  | 158  |       |      |    |    |    |    |       |    |    |    |    |    |
|       | MBh     | 60.4                        | 61.2 | 62.9 | 65.5 | 59.9 | 60.7 | 62.4 | 65.0 | 58.4 | 59.2 | 60.9 | 63.5 | 55.8  | 56.6 | 58.3 | 60.9 | 52.6 | 53.4 | 55.2 | 57.8 | 49.7 | 50.6 | 52.3 | 54.9 |       |      |    |    |    |    |       |    |    |    |    |    |
|       | S/T     | 1.00                        | 0.98 | 0.85 | 0.70 | 1.00 | 0.99 | 0.85 | 0.71 | 1.00 | 1.00 | 0.88 | 0.73 | 1.00  | 1.00 | 0.90 | 0.75 | 1.00 | 1.00 | 0.92 | 0.78 | 1.00 | 1.00 | 0.97 | 0.83 |       |      |    |    |    |    |       |    |    |    |    |    |
|       | ΔT      | 30                          | 28   | 25   | 21   | 30   | 28   | 24   | 21   | 30   | 28   | 25   | 21   | 30    | 28   | 24   | 21   | 30   | 28   | 24   | 21   | 31   | 29   | 25   | 22   |       |      |    |    |    |    |       |    |    |    |    |    |
| kW    | 3.38    | 3.38                        | 3.37 | 3.40 | 3.80 | 3.80 | 3.79 | 3.83 | 4.28 | 4.27 | 4.27 | 4.30 | 4.79 | 4.79  | 4.78 | 4.81 | 5.36 | 5.36 | 5.35 | 5.38 | 6.03 | 6.03 | 6.02 | 6.05 |      |       |      |    |    |    |    |       |    |    |    |    |    |
| Amps  | 13.3    | 13.3                        | 13.2 | 13.4 | 15.2 | 15.2 | 15.2 | 15.3 | 17.4 | 17.4 | 17.3 | 17.5 | 19.7 | 19.7  | 19.7 | 19.8 | 22.4 | 22.3 | 22.3 | 22.5 | 25.4 | 25.4 | 25.4 | 25.5 |      |       |      |    |    |    |    |       |    |    |    |    |    |
| HI PR | 261     | 263                         | 264  | 269  | 302  | 303  | 305  | 309  | 344  | 345  | 347  | 351  | 390  | 391   | 392  | 397  | 439  | 440  | 441  | 446  | 491  | 492  | 494  | 498  |      |       |      |    |    |    |    |       |    |    |    |    |    |
| LO PR | 120     | 122                         | 125  | 130  | 127  | 129  | 132  | 137  | 134  | 135  | 138  | 143  | 139  | 140   | 143  | 148  | 144  | 145  | 148  | 153  | 150  | 152  | 154  | 159  |      |       |      |    |    |    |    |       |    |    |    |    |    |
| MBh   | 61.6    | 62.4                        | 64.1 | 66.8 | 61.1 | 61.9 | 63.6 | 66.2 | 59.6 | 60.4 | 62.1 | 64.7 | 57.0 | 57.8  | 59.5 | 62.2 | 53.8 | 54.7 | 56.4 | 59.0 | 51.0 | 51.8 | 53.5 | 56.1 |      |       |      |    |    |    |    |       |    |    |    |    |    |
| S/T   | 1.00    | 0.99                        | 0.86 | 0.71 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 0.89 | 0.75 | 1.00 | 1.00  | 0.91 | 0.77 | 1.00 | 1.00 | 0.93 | 0.79 | 1.00 | 1.00 | 0.98 | 0.84 |      |       |      |    |    |    |    |       |    |    |    |    |    |
| ΔT    | 29      | 27                          | 24   | 20   | 29   | 27   | 24   | 20   | 29   | 27   | 24   | 20   | 29   | 27    | 24   | 20   | 29   | 27   | 23   | 20   | 30   | 28   | 24   | 21   |      |       |      |    |    |    |    |       |    |    |    |    |    |
| kW    | 3.40    | 3.39                        | 3.39 | 3.42 | 3.82 | 3.82 | 3.81 | 3.84 | 4.30 | 4.29 | 4.28 | 4.32 | 4.81 | 4.80  | 4.80 | 4.83 | 5.38 | 5.38 | 5.37 | 5.40 | 6.05 | 6.05 | 6.04 | 6.07 |      |       |      |    |    |    |    |       |    |    |    |    |    |
| Amps  | 13.4    | 13.3                        | 13.3 | 13.5 | 15.3 | 15.3 | 15.3 | 15.4 | 17.5 | 17.5 | 17.4 | 17.6 | 19.8 | 19.8  | 19.8 | 19.9 | 22.4 | 22.4 | 22.4 | 22.5 | 25.5 | 25.5 | 25.5 | 25.6 |      |       |      |    |    |    |    |       |    |    |    |    |    |
| HI PR | 264     | 265                         | 267  | 271  | 304  | 305  | 307  | 312  | 346  | 348  | 349  | 354  | 392  | 393   | 395  | 399  | 441  | 442  | 444  | 448  | 493  | 494  | 496  | 501  |      |       |      |    |    |    |    |       |    |    |    |    |    |
| LO PR | 123     | 124                         | 127  | 132  | 130  | 131  | 134  | 139  | 136  | 137  | 140  | 145  | 141  | 142   | 145  | 150  | 146  | 148  | 150  | 155  | 153  | 154  | 157  | 162  |      |       |      |    |    |    |    |       |    |    |    |    |    |

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects AHRI Rating Conditions.  
 kW = Total system power  
 Amps = Outdoor unit amps (compressor + fan)

DZ14SN0181A\* / ARUF25B14A\*+TXV

|      | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |      |      |      |      |      |
|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
|      | 65                          | 60    | 55    | 50    | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15   | 10   | 5    | 0    | -5   |
| MBh  | 23.71                       | 22.11 | 20.54 | 18.99 | 18.00 | 17.25 | 15.37 | 13.65 | 12.25 | 11.21 | 10.42 | 10.00 | 9.47 | 8.13 | 6.80 | 5.47 | 4.13 |
| T/R  | 36.0                        | 33.6  | 31.2  | 28.8  | 27.3  | 26.2  | 23.3  | 20.7  | 18.6  | 17.0  | 15.8  | 15.2  | 14.4 | 12.3 | 10.3 | 8.3  | 6.3  |
| kW   | 1.51                        | 1.48  | 1.45  | 1.42  | 1.40  | 1.39  | 1.36  | 1.33  | 1.30  | 1.27  | 1.24  | 1.22  | 1.21 | 1.18 | 1.15 | 1.12 | 1.09 |
| Amps | 7.2                         | 6.6   | 6.1   | 5.7   | 5.5   | 5.3   | 5.0   | 4.7   | 4.4   | 4.2   | 4.0   | 3.8   | 3.8  | 3.5  | 3.3  | 3.0  | 2.7  |
| COP  | 4.60                        | 4.37  | 4.15  | 3.92  | 3.76  | 3.63  | 3.31  | 3.01  | 2.76  | 2.59  | 2.46  | 2.40  | 2.29 | 2.02 | 1.74 | 1.43 | 1.11 |

DZ14SN0241A\* / ARUF25B14A\*+TXV

|      | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |      |
|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|
|      | 65                          | 60    | 55    | 50    | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15    | 10    | 5    | 0    | -5   |
| MBh  | 30.74                       | 28.63 | 26.55 | 24.50 | 23.20 | 22.20 | 19.70 | 17.43 | 15.59 | 14.20 | 13.16 | 12.60 | 11.89 | 10.13 | 8.36 | 6.59 | 4.83 |
| T/R  | 32.7                        | 30.5  | 28.3  | 26.1  | 24.7  | 23.6  | 21.0  | 18.6  | 16.6  | 15.1  | 14.0  | 13.4  | 12.7  | 10.8  | 8.9  | 7.0  | 5.1  |
| kW   | 1.97                        | 1.93  | 1.88  | 1.84  | 1.81  | 1.79  | 1.75  | 1.70  | 1.66  | 1.61  | 1.57  | 1.54  | 1.52  | 1.48  | 1.43 | 1.39 | 1.34 |
| Amps | 9.1                         | 8.4   | 7.8   | 7.2   | 6.9   | 6.7   | 6.3   | 5.9   | 5.6   | 5.3   | 5.0   | 4.8   | 4.7   | 4.4   | 4.1  | 3.7  | 3.3  |
| COP  | 4.57                        | 4.36  | 4.14  | 3.91  | 3.76  | 3.63  | 3.31  | 3.00  | 2.76  | 2.58  | 2.46  | 2.40  | 2.29  | 2.01  | 1.71 | 1.39 | 1.05 |

DZ14SN0301A\* / ARUF29B14\*\* + TXV

|      | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |
|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
|      | 65                          | 60    | 55    | 50    | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15    | 10    | 5     | 0    | -5   |
| MBh  | 37.15                       | 34.70 | 32.29 | 29.92 | 28.40 | 27.27 | 24.40 | 21.77 | 19.62 | 18.03 | 16.84 | 16.20 | 15.39 | 13.35 | 11.32 | 9.29 | 7.25 |
| T/R  | 39.5                        | 36.9  | 34.4  | 31.8  | 30.2  | 29.0  | 26.0  | 23.2  | 20.9  | 19.2  | 17.9  | 17.2  | 16.4  | 14.2  | 12.0  | 9.9  | 7.7  |
| kW   | 2.48                        | 2.42  | 2.37  | 2.31  | 2.27  | 2.25  | 2.19  | 2.14  | 2.08  | 2.02  | 1.96  | 1.93  | 1.91  | 1.85  | 1.79  | 1.74 | 1.68 |
| Amps | 11.9                        | 10.9  | 10.1  | 9.4   | 9.0   | 8.8   | 8.3   | 7.8   | 7.4   | 7.0   | 6.6   | 6.4   | 6.2   | 5.8   | 5.4   | 5.0  | 4.5  |
| COP  | 4.39                        | 4.20  | 4.00  | 3.80  | 3.66  | 3.55  | 3.26  | 2.99  | 2.77  | 2.61  | 2.51  | 2.46  | 2.36  | 2.12  | 1.85  | 1.57 | 1.27 |

DZ14SN0361A\* / ARUF37C14\*\* + TXV

|      | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |
|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
|      | 65                          | 60    | 55    | 50    | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15    | 10    | 5     | 0     | -5   |
| MBh  | 42.72                       | 39.94 | 37.21 | 34.52 | 32.80 | 31.52 | 28.28 | 25.30 | 22.87 | 21.06 | 19.72 | 19.00 | 18.08 | 15.78 | 13.48 | 11.18 | 8.88 |
| T/R  | 37.0                        | 34.6  | 32.2  | 29.9  | 28.4  | 27.3  | 24.5  | 21.9  | 19.8  | 18.2  | 17.1  | 16.4  | 15.6  | 13.7  | 11.7  | 9.7   | 7.7  |
| kW   | 2.81                        | 2.76  | 2.71  | 2.66  | 2.63  | 2.61  | 2.56  | 2.50  | 2.45  | 2.40  | 2.35  | 2.32  | 2.30  | 2.25  | 2.20  | 2.15  | 2.10 |
| Amps | 13.6                        | 12.5  | 11.6  | 10.8  | 10.3  | 10.0  | 9.4   | 8.9   | 8.4   | 7.9   | 7.5   | 7.3   | 7.1   | 6.6   | 6.2   | 5.7   | 5.1  |
| COP  | 4.46                        | 4.24  | 4.03  | 3.81  | 3.66  | 3.55  | 3.24  | 2.96  | 2.73  | 2.57  | 2.46  | 2.40  | 2.30  | 2.06  | 1.80  | 1.53  | 1.24 |

DZ14SN0421A\* / ARUF43C14\*\* + TXV

|      | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | 65                          | 60    | 55    | 50    | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15    | 10    | 5     | 0     | -5    |
| MBh  | 51.58                       | 48.34 | 45.15 | 42.02 | 40.00 | 38.54 | 34.80 | 31.31 | 28.47 | 26.37 | 24.83 | 24.00 | 22.93 | 20.27 | 17.60 | 14.93 | 12.27 |
| T/R  | 36.7                        | 34.4  | 32.2  | 29.9  | 28.5  | 27.5  | 24.8  | 22.3  | 20.3  | 18.8  | 17.7  | 17.1  | 16.3  | 14.4  | 12.5  | 10.6  | 8.7   |
| kW   | 3.41                        | 3.34  | 3.27  | 3.21  | 3.17  | 3.14  | 3.08  | 3.01  | 2.94  | 2.88  | 2.81  | 2.77  | 2.74  | 2.68  | 2.61  | 2.54  | 2.48  |
| Amps | 16.4                        | 15.1  | 14.0  | 13.0  | 12.4  | 12.1  | 11.4  | 10.7  | 10.1  | 9.5   | 9.0   | 8.7   | 8.5   | 8.0   | 7.4   | 6.8   | 6.1   |
| COP  | 4.44                        | 4.24  | 4.04  | 3.84  | 3.70  | 3.60  | 3.32  | 3.05  | 2.84  | 2.69  | 2.59  | 2.54  | 2.45  | 2.22  | 1.98  | 1.72  | 1.45  |

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

Amps = Outdoor unit amps (comp.+fan)

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

kW = Total system power

**DZ14SN0421A\* - ARUF43D14A\*+TXV**

|      | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | 65                          | 60    | 55    | 50    | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15    | 10    | 5     | 0     | -5    |
| MBh  | 51.58                       | 48.34 | 45.15 | 42.02 | 40.00 | 38.54 | 34.80 | 31.31 | 28.47 | 26.37 | 24.83 | 24.00 | 22.93 | 20.27 | 17.60 | 14.93 | 12.27 |
| T/R  | 37.9                        | 35.5  | 33.2  | 30.9  | 29.4  | 28.3  | 25.6  | 23.0  | 20.9  | 19.4  | 18.2  | 17.6  | 16.9  | 14.9  | 12.9  | 11.0  | 9.0   |
| kW   | 3.41                        | 3.34  | 3.27  | 3.21  | 3.17  | 3.14  | 3.08  | 3.01  | 2.94  | 2.88  | 2.81  | 2.77  | 2.74  | 2.68  | 2.61  | 2.54  | 2.48  |
| Amps | 16.5                        | 15.2  | 14.0  | 13.0  | 12.5  | 12.2  | 11.4  | 10.7  | 10.2  | 9.6   | 9.1   | 8.8   | 8.6   | 8.0   | 7.5   | 6.8   | 6.1   |
| COP  | 4.44                        | 4.24  | 4.04  | 3.84  | 3.70  | 3.60  | 3.32  | 3.05  | 2.84  | 2.69  | 2.59  | 2.54  | 2.45  | 2.22  | 1.98  | 1.72  | 1.45  |

**DZ14SN0481A\* - ARUF61D14A\*+TXV**

|      | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | 65                          | 60    | 55    | 50    | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15    | 10    | 5     | 0     | -5    |
| MBh  | 56.58                       | 53.20 | 49.88 | 46.61 | 44.50 | 42.97 | 39.18 | 35.56 | 32.58 | 30.41 | 28.84 | 28.00 | 26.90 | 24.15 | 21.40 | 18.65 | 15.90 |
| T/R  | 33.7                        | 31.7  | 29.7  | 27.8  | 26.5  | 25.6  | 23.3  | 21.2  | 19.4  | 18.1  | 17.2  | 16.7  | 16.0  | 14.4  | 12.7  | 11.1  | 9.5   |
| kW   | 3.51                        | 3.48  | 3.44  | 3.40  | 3.38  | 3.36  | 3.33  | 3.29  | 3.25  | 3.22  | 3.18  | 3.16  | 3.14  | 3.10  | 3.07  | 3.03  | 2.99  |
| Amps | 17.2                        | 15.8  | 14.6  | 13.6  | 13.0  | 12.6  | 11.8  | 11.1  | 10.5  | 9.9   | 9.4   | 9.0   | 8.8   | 8.2   | 7.6   | 7.0   | 6.2   |
| COP  | 4.72                        | 4.49  | 4.25  | 4.02  | 3.86  | 3.74  | 3.45  | 3.17  | 2.94  | 2.77  | 2.66  | 2.60  | 2.51  | 2.28  | 2.04  | 1.80  | 1.56  |

**DZ14SN0491A\* - ARUF49C14A\*+TXV**

|      | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | 65                          | 60    | 55    | 50    | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15    | 10    | 5     | 0     | -5    |
| MBh  | 59.32                       | 55.59 | 51.92 | 48.32 | 46.00 | 44.32 | 40.01 | 36.01 | 32.74 | 30.32 | 28.55 | 27.60 | 26.37 | 23.31 | 20.24 | 17.17 | 14.11 |
| T/R  | 39.2                        | 36.8  | 34.3  | 32.0  | 30.4  | 29.3  | 26.5  | 23.8  | 21.7  | 20.1  | 18.9  | 18.3  | 17.4  | 15.4  | 13.4  | 11.4  | 9.3   |
| kW   | 3.96                        | 3.87  | 3.79  | 3.70  | 3.64  | 3.61  | 3.52  | 3.43  | 3.34  | 3.25  | 3.16  | 3.11  | 3.08  | 2.99  | 2.90  | 2.81  | 2.72  |
| Amps | 19.1                        | 17.5  | 16.2  | 15.1  | 14.5  | 14.1  | 13.2  | 12.4  | 11.7  | 11.1  | 10.5  | 10.1  | 9.9   | 9.3   | 8.6   | 7.9   | 7.1   |
| COP  | 4.39                        | 4.21  | 4.02  | 3.83  | 3.70  | 3.60  | 3.33  | 3.08  | 2.87  | 2.73  | 2.64  | 2.60  | 2.51  | 2.29  | 2.05  | 1.79  | 1.52  |

**DZ14SN0601A\* - ASPT61D14A\***

|      | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | 65                          | 60    | 55    | 50    | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15    | 10    | 5     | 0     | -5    |
| MBh  | 75.71                       | 71.04 | 66.44 | 61.91 | 59.00 | 56.89 | 51.54 | 46.52 | 42.41 | 39.39 | 37.18 | 36.00 | 34.47 | 30.63 | 26.80 | 22.97 | 19.13 |
| T/R  | 38.9                        | 36.5  | 34.2  | 31.8  | 30.3  | 29.3  | 26.5  | 23.9  | 21.8  | 20.3  | 19.1  | 18.5  | 17.7  | 15.8  | 13.8  | 11.8  | 9.8   |
| kW   | 4.91                        | 4.79  | 4.67  | 4.55  | 4.48  | 4.43  | 4.31  | 4.20  | 4.08  | 3.96  | 3.84  | 3.77  | 3.72  | 3.60  | 3.48  | 3.36  | 3.25  |
| Amps | 23.4                        | 21.5  | 19.8  | 18.4  | 17.6  | 17.2  | 16.1  | 15.1  | 14.3  | 13.5  | 12.8  | 12.3  | 12.0  | 11.2  | 10.4  | 9.5   | 8.5   |
| COP  | 4.52                        | 4.35  | 4.17  | 3.99  | 3.86  | 3.76  | 3.50  | 3.25  | 3.05  | 2.92  | 2.84  | 2.80  | 2.71  | 2.49  | 2.25  | 2.00  | 1.73  |

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

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

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power

| MODEL: DZ14SA0181K* + ARUF25B14** + TXV         |               |                |              |              |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 610 CFM      |               |                |              |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS  |
| 75  | 18,900        | 13,986         | 4,914        | 1,180        |
| 80  | 18,650        | 14,077         | 4,573        | 1,245        |
| 85  | 18,400        | 14,168         | 4,232        | 1,310        |
| 90  | 18,000        | 14,036         | 3,964        | 1,380        |
| <b>95</b>                                       | <b>17,600</b> | <b>13,904</b>  | <b>3,696</b> | <b>1,450</b> |
| 100   | 17,100        | 13,675         | 3,425        | 1,530        |
| 105   | 16,600        | 13,446         | 3,154        | 1,610        |
| 110   | 16,150        | 13,474         | 2,676        | 1,705        |
| 115   | 15,700        | 13,502         | 2,198        | 1,800        |
| TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB |               |                |              |              |
| <b>95°</b>                                      | <b>17,000</b> | <b>13,600</b>  | <b>3,400</b> | <b>1,450</b> |

| MODEL: DZ14SA0241K* + ARUF25B14** + TXV         |               |                |              |              |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 870 CFM      |               |                |              |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS  |
| 75  | 25,100        | 19,076         | 6,024        | 1,580        |
| 80  | 25,400        | 19,093         | 6,307        | 1,675        |
| 85  | 24,500        | 19,110         | 5,390        | 1,770        |
| 90  | 24,550        | 18,915         | 5,635        | 1,870        |
| <b>95</b>                                       | <b>23,400</b> | <b>18,720</b>  | <b>4,680</b> | <b>1,970</b> |
| 100   | 23,350        | 18,532         | 4,819        | 2,080        |
| 105   | 22,100        | 18,343         | 3,757        | 2,190        |
| 110   | 22,050        | 18,368         | 3,683        | 2,385        |
| 115   | 20,900        | 18,392         | 2,508        | 2,450        |
| TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB |               |                |              |              |
| <b>95°</b>                                      | <b>22,600</b> | <b>18,532</b>  | <b>4,068</b> | <b>1,970</b> |

| MODEL: DZ14SA0301K* + ARUF29B14** + TXV         |               |                |              |              |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 870 CFM      |               |                |              |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS  |
| 75  | 29,600        | 20,720         | 8,880        | 1,880        |
| 80  | 29,250        | 20,764         | 8,486        | 1,995        |
| 85  | 28,900        | 20,808         | 8,092        | 2,110        |
| 90  | 28,250        | 20,616         | 7,634        | 2,230        |
| <b>95</b>                                       | <b>27,600</b> | <b>20,424</b>  | <b>7,176</b> | <b>2,350</b> |
| 100   | 26,850        | 20,130         | 6,720        | 2,490        |
| 105   | 26,100        | 19,836         | 6,264        | 2,630        |
| 110   | 25,400        | 19,922         | 5,479        | 2,790        |
| 115   | 24,700        | 20,007         | 4,693        | 2,950        |
| TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB |               |                |              |              |
| <b>95°</b>                                      | <b>26,600</b> | <b>19,950</b>  | <b>6,650</b> | <b>2,360</b> |

| MODEL: DZ14SA0361K* + ARUF37C14** + TXV         |               |                |              |              |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 1070 CFM     |               |                |              |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS  |
| 75  | 37,700        | 26,390         | 11,310       | 2,430        |
| 80  | 37,250        | 26,443         | 10,807       | 2,575        |
| 85  | 36,800        | 26,496         | 10,304       | 2,720        |
| 90  | 36,000        | 26,272         | 9,728        | 2,880        |
| <b>95</b>                                       | <b>35,200</b> | <b>26,048</b>  | <b>9,152</b> | <b>3,040</b> |
| 100   | 34,200        | 25,640         | 8,560        | 3,220        |
| 105   | 33,200        | 25,232         | 7,968        | 3,400        |
| 110   | 32,300        | 25,333         | 6,967        | 3,610        |
| 115   | 31,400        | 25,434         | 5,966        | 3,820        |
| TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB |               |                |              |              |
| <b>95°</b>                                      | <b>33,900</b> | <b>25,425</b>  | <b>8,475</b> | <b>3,050</b> |

| MODEL: DZ14SA0421K* + ARUF43C14** + TXV         |               |                |              |              |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 1300 CFM     |               |                |              |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS  |
| 75  | 41,800        | 29,678         | 12,122       | 2,720        |
| 80  | 41,300        | 29,935         | 11,365       | 2,870        |
| 85  | 40,800        | 30,192         | 10,608       | 3,020        |
| 90  | 39,900        | 29,916         | 9,984        | 3,190        |
| <b>95</b>                                       | <b>39,000</b> | <b>29,640</b>  | <b>9,360</b> | <b>3,360</b> |
| 100   | 37,900        | 29,172         | 8,728        | 3,545        |
| 105   | 36,800        | 28,704         | 8,096        | 3,730        |
| 110   | 35,800        | 28,794         | 7,006        | 3,950        |
| 115   | 34,800        | 28,884         | 5,916        | 4,170        |
| TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB |               |                |              |              |
| <b>95°</b>                                      | <b>37,600</b> | <b>28,952</b>  | <b>8,648</b> | <b>3,360</b> |

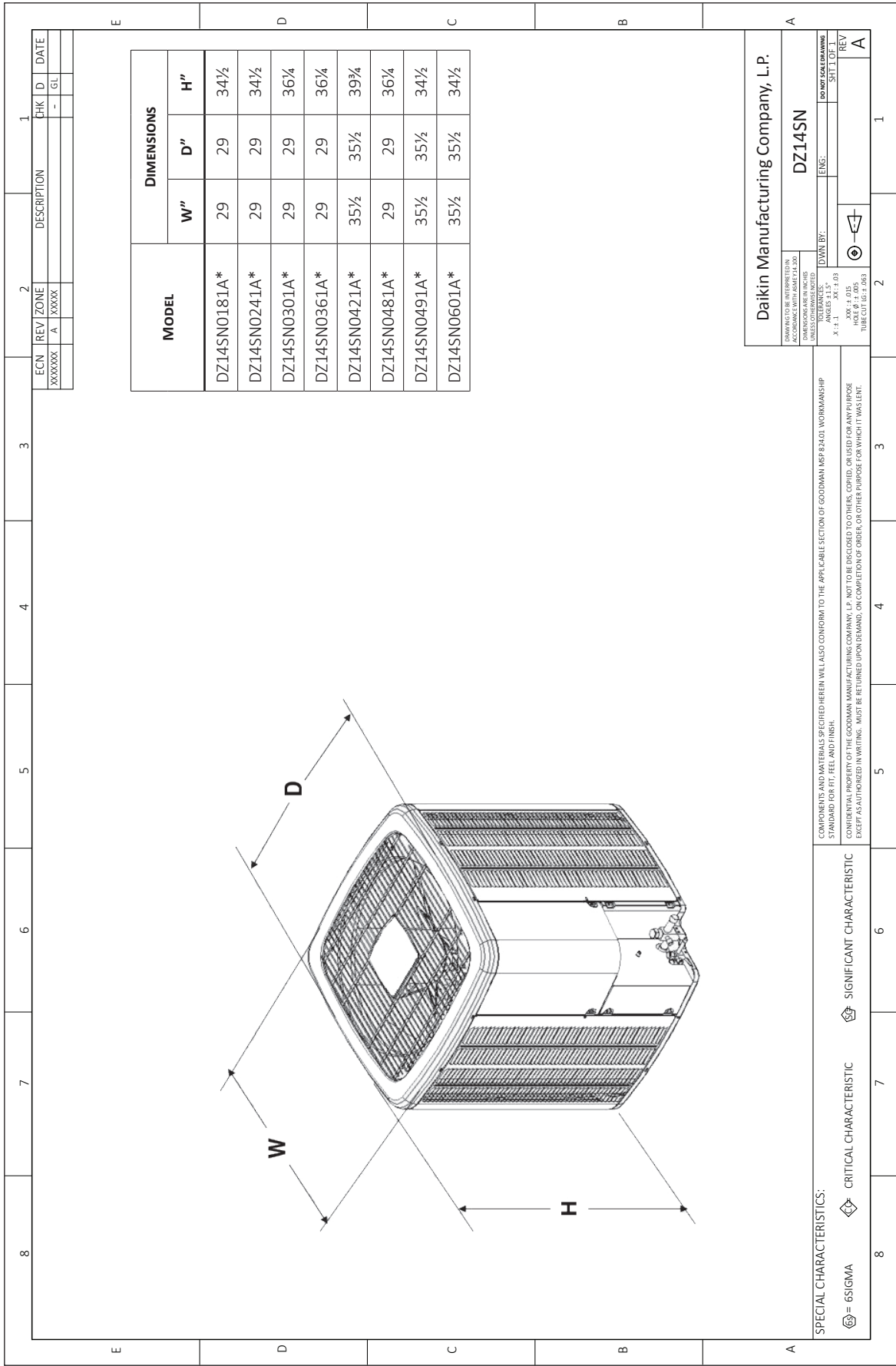
| MODEL: DZ14SA0481K + ARUF61D14** + TXV          |               |                |              |              |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 1560 CFM     |               |                |              |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS  |
| 75  | 48,300        | 35,742         | 12,558       | 3,110        |
| 80  | 47,700        | 36,005         | 11,696       | 3,290        |
| 85  | 47,100        | 36,267         | 10,833       | 3,470        |
| 90  | 46,550        | 35,909         | 10,642       | 3,665        |
| <b>95</b>                                       | <b>45,000</b> | <b>35,550</b>  | <b>9,450</b> | <b>3,860</b> |
| 100   | 43,750        | 34,988         | 8,763        | 4,075        |
| 105   | 42,500        | 34,425         | 8,075        | 4,290        |
| 110   | 41,350        | 34,499         | 6,852        | 4,545        |
| 115   | 40,200        | 34,572         | 5,628        | 4,800        |
| TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB |               |                |              |              |
| <b>95°</b>                                      | <b>43,400</b> | <b>34,720</b>  | <b>8,680</b> | <b>3,860</b> |

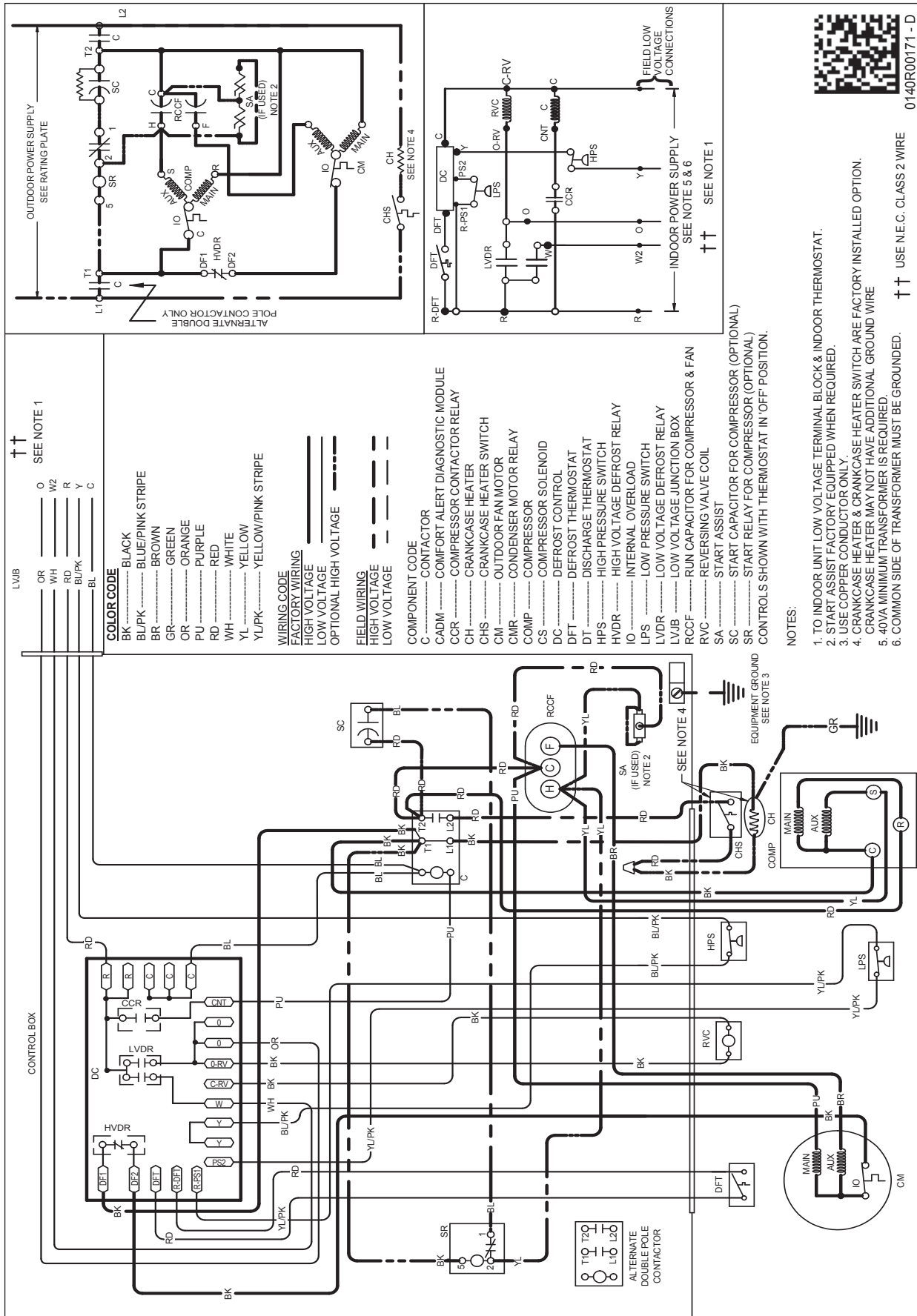
| MODEL: DZ14SA0491K* + ARUF49C14** + TXV         |               |                |               |              |
|---|---------------|----------------|---------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 1400 CFM     |               |                |               |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H  | TOTAL WATTS  |
| 75  | 47,700        | 33,867         | 13,833        | 3,000        |
| 80  | 47,100        | 33,906         | 13,194        | 3,175        |
| 85  | 46,500        | 33,945         | 12,555        | 3,350        |
| 90  | 45,500        | 33,660         | 11,840        | 3,540        |
| <b>95</b>                                       | <b>44,500</b> | <b>33,375</b>  | <b>11,125</b> | <b>3,730</b> |
| 100   | 43,250        | 33,068         | 10,183        | 3,940        |
| 105   | 42,000        | 32,760         | 9,240         | 4,150        |
| 110   | 40,850        | 32,856         | 7,995         | 4,400        |
| 115   | 39,700        | 32,951         | 6,749         | 4,650        |
| TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB |               |                |               |              |
| <b>95°</b>                                      | <b>42,900</b> | <b>32,604</b>  | <b>10,296</b> | <b>3,730</b> |

| MODEL: DZ14SA0601K* + ASPT61D14** + TXV         |               |                |               |              |
|---|---------------|----------------|---------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 1790 CFM     |               |                |               |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H  | TOTAL WATTS  |
| 75  | 60,600        | 42,420         | 18,180        | 3,770        |
| 80  | 59,850        | 42,782         | 17,069        | 4,010        |
| 85  | 59,100        | 43,143         | 15,957        | 4,250        |
| 90  | 57,800        | 42,759         | 15,041        | 4,505        |
| <b>95</b>                                       | <b>56,500</b> | <b>42,375</b>  | <b>14,125</b> | <b>4,760</b> |
| 100   | 54,900        | 41,708         | 13,192        | 5,045        |
| 105   | 53,300        | 41,041         | 12,259        | 5,330        |
| 110   | 51,900        | 41,226         | 10,675        | 5,670        |
| 115   | 50,500        | 41,410         | 9,090         | 6,010        |
| TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB |               |                |               |              |
| <b>95°</b>                                      | <b>54,500</b> | <b>41,420</b>  | <b>13,080</b> | <b>4,770</b> |

***ALL AHRI SYSTEM RATINGS ARE ACCESSIBLE IN THE UNITARY MATCHUP TOOL VIA  
DAIKIN CITY OR IN THE DAIKIN SYSTEM CONFIGURATOR TOOL VIA PARTNERLINK.***







**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.

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



0140R00171 - D  
 †† USE N.E.C. CLASS 2 WIRE

| ITEM #                | DESCRIPTION              | DZ14SN<br>018** | DZ14SN<br>024** | DZ14SN<br>030** | DZ14SN<br>036** | DZ14SN<br>038** | DZ14SN<br>042** | DZ14SN<br>048/049** | DZ14SN<br>060** |
|-----------------------|--------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------|-----------------|
| ABK-20                | Anchor Bracket Kit *     | X               | X               | X               | X               | X               | X               | X                   | X               |
| ASC01                 | Anti-Short Cycle Kit     | X               | X               | X               | X               | X               | X               | X                   | X               |
| CSR-U-1               | Hard-start Kit           | X               | X               | X               | X               | X               |                 |                     |                 |
| CSR-U-2               | Hard-start Kit           |                 |                 |                 | X               | X               | X               | X                   | X               |
| CSR-U-3               | Hard-start Kit           |                 |                 |                 |                 |                 |                 | X                   | X               |
| FSK01A <sup>1</sup>   | Freeze Protection Kit    | X               | X               | X               | X               | X               | X               | X                   | X               |
| LAKT01A               | Low-Ambient Kit          | X               | X               | X               | X               | X               | X               | X                   | X               |
| OT18-60A <sup>2</sup> | Outdoor Thermostat       | X               | X               | X               | X               | X               | X               | X                   | X               |
| OT/EHR18-60           | Emergency Heat Relay Kit | X               | X               | X               | X               | X               | X               | X                   | X               |
| TX2N4A <sup>3</sup>   | TXV Kit                  | X               | X               |                 |                 |                 |                 |                     |                 |
| TX3N4 <sup>3</sup>    | TXV Kit                  |                 |                 | X               | X               | X               |                 |                     |                 |
| TX5N4 <sup>3</sup>    | TXV Kit                  |                 |                 |                 |                 |                 | X               | X                   | X               |

\* Contains 20 brackets; four brackets needed to anchor unit to pad

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

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

<sup>3</sup> 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. The TXV should always be sized based on the tonnage of the outdoor unit.

