



## PACKAGED DUAL-FUEL UNITS 13.4 SEER2/ 6.7 HSPF2/ 81% AFUE 2 TO 4 TONS

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### Standard Features

- Combines cooling with heat pump and gas heating for optimal year-long performance
- Energy-efficient scroll compressor
- Heavy-duty aluminized-steel heat exchanger
- Multi-speed ECM indoor blower motor
- All-aluminum evaporator coil
- Two-stage gas valve; natural gas with easy conversion to propane with accessory kit
- Power-assisted combustion
- High and low-pressure switch protection
- Direct spark ignition system includes a microprocessor-based control for the entire ignition sequence
- All blower operation and all safety circuits complete with self-diagnostics
- All models comply with California Low NOx emission standards
- This furnace does not comply with the SCAQMD Rule 1111 nor the SJVAPCD Rule 4905 14 ng/J NOx emission limit and therefore is not eligible for installation in California's South Coast Air Quality Management District (SCAQMD) nor the San Joaquin Valley Air Pollution Control District (SJVAPCD)
- AHRI Certified; ETL Listed

### Cabinet Features

- Fully insulated heavy-gauge, zinc-coated steel cabinet with UV-resistant powder-paint finish
- Louvered metal panel condenser coil protection
- Aluminum foil-facing internal insulation reinforced with fiberglass scrim
- Compressor sound blanket
- Convenient access panels
- One roof curb fits all units
- Bottom, 2" high base rails for easy handling
- All models fit a standard-size pick-up truck
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)
- Meets cabinet air leakage requirements when tested in accordance with ASHRAE standard 193
- One footprint for all tonnages



\* Complete warranty details available from your local dealer or at [www.goodmanmfg.com](http://www.goodmanmfg.com). To receive the 20-Year Heat Exchanger Limited Warranty (good for as long as you own your home), and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec. The duration of warranty coverages in Texas differs in some cases.

|                  | G | P | D | M | 3 | 36  | 080    | 4  | 1  | A  | A                                          |  |
|------------------|---|---|---|---|---|-----|--------|----|----|----|--------------------------------------------|--|
|                  | 1 | 2 | 3 | 4 | 5 | 6,7 | 8,9,10 | 11 | 12 | 13 | 14                                         |  |
| Brand            |   |   |   |   |   |     |        |    |    |    | Minor Revision                             |  |
| G Goodman® Brand |   |   |   |   |   |     |        |    |    |    | A                                          |  |
|                  |   |   |   |   |   |     |        |    |    |    | Major Revision                             |  |
|                  |   |   |   |   |   |     |        |    |    |    | A                                          |  |
| Product Category |   |   |   |   |   |     |        |    |    |    | Electrical                                 |  |
| P Packaged Unit  |   |   |   |   |   |     |        |    |    |    | 1 - 208/230V single-phase, 60 Hz           |  |
| Unit Type        |   |   |   |   |   |     |        |    |    |    | Refrigerant                                |  |
| D Dual Fuel      |   |   |   |   |   |     |        |    |    |    | 4 - R-410A                                 |  |
| Airflow          |   |   |   |   |   |     |        |    |    |    | Heat Input                                 |  |
| M Multi-position |   |   |   |   |   |     |        |    |    |    | 060 60 MBTU/H 080 80 MBTU/H 100 100 MBTU/H |  |
| Efficiency       |   |   |   |   |   |     |        |    |    |    | Tonnage Nominal                            |  |
| 3 13.4 SEER2     |   |   |   |   |   |     |        |    |    |    | 24 - 2 tons 42 - 3½ tons                   |  |
|                  |   |   |   |   |   |     |        |    |    |    | 30 - 2½ tons 48 - 4 tons                   |  |
|                  |   |   |   |   |   |     |        |    |    |    | 36 - 3 tons                                |  |

|                                                   | GPDM3<br>24***41 | GPDM3<br>30***41 | GPDM3<br>36***41 | GPDM3<br>42***41 | GPDM3<br>48***41 |
|---------------------------------------------------|------------------|------------------|------------------|------------------|------------------|
| <b>COOLING</b>                                    |                  |                  |                  |                  |                  |
| Cooling Capacity, BTU/hr                          | 23,800           | 28,500           | 34,200           | 40,500           | 44,500           |
| Sensible Capacity, BTU/hr                         | 19,275           | 24,195           | 27,240           | 32,250           | 34,000           |
| SEER2 / EER2                                      | 13.4 / 10.6      | 13.4 / 10.6      | 13.4 / 10.6      | 13.4 / 10.6      | 13.4 / 10.6      |
| Decibels                                          | 76               | 76               | 79               | 76               | 76               |
| AHRI # <sup>5</sup>                               | 209319576        | 209319576        | 209319582        | 209319588        | 209319585        |
| <b>HEATING</b>                                    |                  |                  |                  |                  |                  |
| Heating Capacity, BTU/hr (47°F / 17°F)            | 23,500 / 13,900  | 28,500 / 16,600  | 34,400 / 21,300  | 39,600 / 22,985  | 43,285 / 25,425  |
| C.O.P. (47°F / 17°F)                              | 3.30 / 2.30      | 3.32 / 2.28      | 3.16 / 2.33      | 3.31 / 2.28      | 3.50 / 2.40      |
| HSPF2                                             | 6.7              | 6.7              | 6.7              | 6.7              | 6.7              |
| <b>GAS HEATING</b>                                |                  |                  |                  |                  |                  |
| High-Fire Input/Output (BTU/hr)                   | 60,000 / 48,600  | 80,000 / 64,800  | 80,000 / 64,800  | 100,000 / 81,000 | 100,000 / 81,000 |
| Low-Fire Input/Output (BTU/hr)                    | 45,000 / 36,450  | 60,000 / 48,600  | 60,000 / 48,600  | 75,000 / 60,750  | 75,000 / 60,750  |
| AFUE (%)                                          | 81               | 81               | 81               | 81               | 81               |
| Temperature Rise Range (°F)                       | 25 - 55/25-55    | 35 - 65/35 - 65  | 35 - 65/25 - 55  | 35 - 65/35 - 65  | 35 - 65/35 - 65  |
| # of Burners                                      | 3                | 4                | 4                | 5                | 5                |
| Primary/Auxiliary Limit Setting (°F)              | 150/150          | 150/150          | 150/150          | 170/150          | 170/150          |
| Roll-out Limit Setting (°F)                       | 300              | 350              | 350              | 350              | 350              |
| <b>EVAPORATOR COIL</b>                            |                  |                  |                  |                  |                  |
| Face Area (ft <sup>2</sup> )                      | 4.35             | 4.35             | 4.3              | 5.7              | 5.7              |
| # Rows / Fins per Inch                            | 3 / 14           | 3 / 14           | 3 / 14           | 4 / 14           | 4 / 14           |
| Expansion Device (Orifice Diameter in.)           | 0.059            | 0.065            | 0.068            | 0.072            | 0.076            |
| Filter Size (ft <sup>2</sup> ) / Drain Size (NPT) | 2.7 / ¾          | 4.2 / ¾          | 4.2 / ¾          | 5.1 / ¾          | 5.1 / ¾          |
| Refrigerant Charge - R-410A (oz)                  | 108              | 114              | 110              | 164              | 148              |
| <b>EVAPORATOR MOTOR</b>                           |                  |                  |                  |                  |                  |
| Wheel (D x W)                                     | 10" x 8"         | 10" x 9"         | 10" x 9"         | 11" x 10"        | 11" x 10"        |
| Type / # of Speeds                                | ECM / 5          | ECM / 5          | ECM / 5          | ECM / 5          | ECM / 5          |
| Motor Horsepower / FLA                            | ½ / 3.8          | ½ / 3.8          | ½ / 3.8          | ¾ / 5.4          | ¾ / 5.4          |
| Motor Speed Tap (Cooling and Heat Pump)           | T4               | T4               | T4               | T4               | T4               |
| Nominal CFM (Cooling and Heat Pump)               | 850              | 1,030            | 1,050            | 1,370            | 1,300            |
| <b>CONDENSER COIL</b>                             |                  |                  |                  |                  |                  |
| Face Area (ft <sup>2</sup> )                      | 12.2             | 12.2             | 12.2             | 15.3             | 15.3             |
| # Rows / Fins per Inch                            | 2 / 16           | 2 / 16           | 2 / 16           | 2 / 16           | 2 / 16           |
| Expansion Device (Orifice Diameter in.)           | 0.045            | 0.047            | 0.047            | 0.055            | 0.060            |
| <b>CONDENSER MOTOR / FAN</b>                      |                  |                  |                  |                  |                  |
| Fan Diameter / # of Blades                        | 21.86" / 3       | 22.00" / 3       | 22.00" / 3       | 22.00" / 3       | 22.00" / 3       |
| Outdoor Nominal CFM                               | 2,200            | 2,500            | 2,500            | 3,150            | 3,200            |
| Motor Horsepower - RPM                            | 1/6 - 810        | 1/4 - 837        | 1/4 - 837        | 1/4 - 1075       | 1/4 - 1075       |
| Motor FLA                                         | 0.95             | 1.3              | 1.3              | 1.4              | 1.4              |
| <b>COMPRESSOR</b>                                 |                  |                  |                  |                  |                  |
| Type / Stage                                      | Scroll / Single  | Scroll / Single  | Scroll / Single  | Scroll / Single  | Scroll / Single  |
| Run Load Amps / Locked Rotor Amps                 | 12.8 / 58.3      | 14.1 / 73.0      | 16.0 / 91.9      | 17.9 / 112.0     | 19.9 / 109.0     |
| <b>ELECTRICAL SPECIFICATIONS</b>                  |                  |                  |                  |                  |                  |
| Voltage / Phase (60 Hz)                           | 208-230/1        | 208-230/1        | 208-230/1        | 208-230/1        | 208-230/1        |
| Minimum Circuit Ampacity                          | 20.8             | 22.7             | 25.1             | 29.2             | 31.7             |
| Maximum Overcurrent Protection                    | 30               | 35               | 40               | 45               | 50               |
| Entrance Size Power Supply                        | 1 1/8            | 1 1/8            | 1 1/8            | 1 1/8            | 1 1/8            |
| Entrance Size Control Voltage                     | 7/8              | 7/8              | 7/8              | 7/8              | 7/8              |
| <b>OPERATING / SHIPPING WEIGHT (LBS)</b>          | 420 / 440        | 420 / 440        | 440 / 460        | 525 / 545        | 525 / 545        |

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

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

Note: Always check the S&R plate for electrical data on the unit being installed.

|     |         | OUTDOOR AMBIENT TEMPERATURE |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |
|-----|---------|-----------------------------|-------|-------|----|-------|-------|-------|----|-------|-------|-------|----|-------|-------|-------|----|-------|-------|-------|----|-------|-------|-------|----|
|     |         | 65°F                        |       |       |    | 75°F  |       |       |    | 85°F  |       |       |    | 95°F  |       |       |    | 105°F |       |       |    | 115°F |       |       |    |
| IDB | AIRFLOW | 59                          | 63    | 67    | 71 | 59    | 63    | 67    | 71 | 59    | 63    | 67    | 71 | 59    | 63    | 67    | 71 | 59    | 63    | 67    | 71 | 59    | 63    | 67    | 71 |
| 70  | MBh     | 24.1                        | 24.4  | 25.2  | -  | 23.9  | 24.2  | 24.9  | -  | 23.2  | 23.6  | 24.3  | -  | 22.2  | 22.5  | 23.2  | -  | 20.8  | 21.2  | 21.9  | -  | 19.6  | 20.0  | 20.7  | -  |
|     | S/T     | 0.61                        | 0.53  | 0.38  | -  | 0.62  | 0.54  | 0.39  | -  | 0.64  | 0.56  | 0.42  | -  | 0.66  | 0.58  | 0.44  | -  | 1.00  | 0.61  | 0.46  | -  | 1.00  | 0.66  | 0.52  | -  |
|     | ΔT      | 19.96                       | 18.16 | 14.81 | -  | 19.91 | 18.12 | 14.76 | -  | 20.17 | 18.37 | 15.01 | -  | 19.90 | 18.10 | 14.74 | -  | 19.66 | 17.86 | 14.50 | -  | 20.78 | 18.98 | 15.63 | -  |
|     | kW      | 1.58                        | 1.57  | 1.57  | -  | 1.78  | 1.78  | 1.77  | -  | 2.01  | 2.01  | 2.00  | -  | 2.25  | 2.25  | 2.25  | -  | 2.53  | 2.53  | 2.52  | -  | 2.85  | 2.85  | 2.85  | -  |
|     | Amps    | 6.29                        | 6.29  | 6.27  | -  | 7.23  | 7.22  | 7.20  | -  | 8.27  | 8.26  | 8.25  | -  | 9.40  | 9.39  | 9.37  | -  | 10.66 | 10.65 | 10.63 | -  | 12.14 | 12.13 | 12.11 | -  |
| 850 | Hi PR   | 243                         | 244   | 246   | -  | 281   | 282   | 284   | -  | 322   | 323   | 324   | -  | 365   | 366   | 368   | -  | 412   | 413   | 415   | -  | 462   | 463   | 464   | -  |
|     | Lo PR   | 122                         | 124   | 127   | -  | 130   | 131   | 134   | -  | 136   | 138   | 141   | -  | 142   | 143   | 146   | -  | 147   | 149   | 152   | -  | 154   | 155   | 159   | -  |
|     | MBh     | 24.5                        | 24.9  | 25.6  | -  | 24.3  | 24.7  | 25.4  | -  | 23.7  | 24.0  | 24.7  | -  | 22.6  | 22.9  | 23.7  | -  | 21.3  | 21.6  | 22.3  | -  | 20.1  | 20.4  | 21.1  | -  |
|     | S/T     | 0.71                        | 0.63  | 0.48  | -  | 0.72  | 0.64  | 0.49  | -  | 0.74  | 0.66  | 0.52  | -  | 1.00  | 0.68  | 0.54  | -  | 1.00  | 0.71  | 0.56  | -  | 1.00  | 0.76  | 0.62  | -  |
|     | ΔT      | 18.36                       | 16.56 | 13.20 | -  | 18.31 | 16.51 | 13.15 | -  | 18.56 | 16.76 | 13.40 | -  | 18.29 | 16.49 | 13.13 | -  | 18.05 | 16.25 | 12.89 | -  | 19.17 | 17.38 | 14.02 | -  |
| 900 | kW      | 1.59                        | 1.59  | 1.59  | -  | 1.79  | 1.79  | 1.79  | -  | 2.02  | 2.02  | 2.02  | -  | 2.27  | 2.27  | 2.26  | -  | 2.54  | 2.54  | 2.54  | -  | 2.87  | 2.87  | 2.86  | -  |
|     | Amps    | 6.37                        | 6.36  | 6.34  | -  | 7.30  | 7.29  | 7.28  | -  | 8.34  | 8.33  | 8.32  | -  | 9.47  | 9.46  | 9.45  | -  | 10.73 | 10.72 | 10.71 | -  | 12.21 | 12.20 | 12.18 | -  |
|     | Hi PR   | 246                         | 247   | 249   | -  | 284   | 285   | 287   | -  | 325   | 326   | 327   | -  | 368   | 369   | 371   | -  | 415   | 416   | 417   | -  | 465   | 466   | 467   | -  |
|     | Lo PR   | 125                         | 126   | 129   | -  | 132   | 134   | 137   | -  | 139   | 140   | 143   | -  | 144   | 146   | 149   | -  | 150   | 151   | 154   | -  | 156   | 158   | 161   | -  |
|     | MBh     | 24.7                        | 25.0  | 25.8  | -  | 24.5  | 24.8  | 25.6  | -  | 23.9  | 24.2  | 24.9  | -  | 22.8  | 23.1  | 23.8  | -  | 21.4  | 21.8  | 22.5  | -  | 20.2  | 20.6  | 21.3  | -  |
| 900 | S/T     | 0.73                        | 0.65  | 0.50  | -  | 0.74  | 0.66  | 0.51  | -  | 0.76  | 0.68  | 0.54  | -  | 1.00  | 0.70  | 0.56  | -  | 1.00  | 0.73  | 0.58  | -  | 1.00  | 0.78  | 0.64  | -  |
|     | ΔT      | 17.91                       | 16.11 | 12.75 | -  | 17.86 | 16.06 | 12.70 | -  | 18.11 | 16.31 | 12.96 | -  | 17.84 | 16.04 | 12.69 | -  | 17.60 | 15.80 | 12.45 | -  | 18.73 | 16.93 | 13.57 | -  |
|     | kW      | 1.60                        | 1.59  | 1.59  | -  | 1.80  | 1.80  | 1.79  | -  | 2.03  | 2.03  | 2.02  | -  | 2.27  | 2.27  | 2.27  | -  | 2.55  | 2.55  | 2.54  | -  | 2.87  | 2.87  | 2.87  | -  |
|     | Amps    | 6.39                        | 6.38  | 6.36  | -  | 7.32  | 7.31  | 7.30  | -  | 8.36  | 8.35  | 8.34  | -  | 9.49  | 9.48  | 9.47  | -  | 10.75 | 10.74 | 10.73 | -  | 12.23 | 12.22 | 12.20 | -  |
|     | Hi PR   | 247                         | 248   | 250   | -  | 285   | 286   | 288   | -  | 326   | 327   | 328   | -  | 369   | 370   | 372   | -  | 416   | 417   | 418   | -  | 466   | 467   | 468   | -  |
|     | Lo PR   | 126                         | 127   | 130   | -  | 133   | 135   | 138   | -  | 140   | 141   | 144   | -  | 145   | 147   | 150   | -  | 151   | 152   | 155   | -  | 157   | 159   | 162   | -  |

|     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |              |       |       |       |       |       |       |       |       |       |       |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 700 | MBh   | 24.1  | 24.5  | 25.2  | 26.3  | 23.9  | 24.2  | 25.0  | 26.1  | 23.3  | 23.6  | 24.3  | 25.4  | 22.2  | 22.5         | 23.2  | 24.3  | 20.8  | 21.2  | 21.9  | 23.0  | 19.6  | 20.0  | 20.7  | 21.8  |
|     | S/T   | 0.75  | 0.67  | 0.52  | 0.4   | 0.75  | 0.67  | 0.53  | 0.4   | 1.00  | 0.70  | 0.56  | 0.4   | 1.00  | 0.72         | 0.58  | 0.4   | 1.00  | 0.74  | 0.60  | 0.4   | 1.00  | 1.00  | 0.66  | 0.5   |
|     | ΔT    | 23.92 | 22.12 | 18.76 | 15.3  | 23.87 | 22.07 | 18.71 | 15.2  | 24.12 | 22.32 | 18.96 | 15.5  | 23.85 | 22.05        | 18.69 | 15.2  | 23.61 | 21.81 | 18.45 | 15.0  | 24.73 | 22.94 | 19.58 | 16.1  |
|     | kW    | 1.57  | 1.57  | 1.57  | 1.6   | 1.78  | 1.78  | 1.77  | 1.8   | 2.01  | 2.00  | 2.00  | 2.0   | 2.25  | 2.25         | 2.25  | 2.3   | 2.53  | 2.53  | 2.52  | 2.5   | 2.85  | 2.85  | 2.85  | 2.9   |
|     | Amps  | 6.29  | 6.28  | 6.27  | 6.3   | 7.22  | 7.21  | 7.20  | 7.3   | 8.26  | 8.26  | 8.24  | 8.3   | 9.39  | 9.38         | 9.37  | 9.4   | 10.65 | 10.64 | 10.63 | 10.7  | 12.13 | 12.12 | 12.11 | 12.2  |
| 75  | Hi PR | 243   | 244   | 246   | 250.1 | 282   | 283   | 284   | 288.5 | 322   | 323   | 325   | 328.8 | 365   | 366          | 368   | 372.2 | 412   | 413   | 415   | 419.0 | 462   | 463   | 465   | 468.9 |
|     | Lo PR | 122   | 124   | 127   | 132.0 | 130   | 131   | 134   | 139.5 | 136   | 138   | 141   | 146.0 | 142   | 143          | 146   | 151.6 | 147   | 149   | 152   | 157.0 | 154   | 155   | 159   | 163.8 |
|     | MBh   | 24.5  | 24.9  | 25.6  | 26.7  | 24.3  | 24.7  | 25.4  | 26.5  | 23.7  | 24.0  | 24.8  | 25.9  | 22.6  | <b>23.0</b>  | 23.7  | 24.8  | 21.3  | 21.6  | 22.3  | 23.4  | 20.1  | 20.4  | 21.1  | 22.2  |
|     | S/T   | 0.85  | 0.77  | 0.62  | 0.5   | 0.85  | 0.77  | 0.63  | 0.5   | 1.00  | 0.80  | 0.66  | 0.5   | 1.00  | <b>0.82</b>  | 0.68  | 0.5   | 1.00  | 0.84  | 0.70  | 0.5   | 1.00  | 1.00  | 0.75  | 0.6   |
|     | ΔT    | 22.31 | 20.51 | 17.15 | 13.7  | 22.26 | 20.46 | 17.10 | 13.6  | 22.51 | 20.71 | 17.36 | 13.9  | 22.24 | <b>20.44</b> | 17.09 | 13.6  | 22.00 | 20.20 | 16.85 | 13.4  | 23.13 | 21.33 | 17.97 | 14.5  |
| 850 | kW    | 1.59  | 1.59  | 1.58  | 1.6   | 1.79  | 1.79  | 1.79  | 1.8   | 2.02  | 2.02  | 2.02  | 2.0   | 2.27  | <b>2.27</b>  | 2.26  | 2.3   | 2.54  | 2.54  | 2.54  | 2.6   | 2.87  | 2.86  | 2.86  | 2.9   |
|     | Amps  | 6.36  | 6.35  | 6.34  | 6.4   | 7.29  | 7.29  | 7.27  | 7.3   | 8.34  | 8.33  | 8.31  | 8.4   | 9.46  | <b>9.46</b>  | 9.44  | 9.5   | 10.72 | 10.72 | 10.70 | 10.8  | 12.20 | 12.19 | 12.18 | 12.2  |
|     | Hi PR | 246   | 247   | 249   | 253.0 | 284   | 286   | 287   | 291.5 | 325   | 326   | 328   | 331.8 | 368   | <b>369</b>   | 371   | 375.2 | 415   | 416   | 418   | 422.0 | 465   | 466   | 468   | 471.9 |
|     | Lo PR | 125   | 126   | 129   | 134.5 | 132   | 134   | 137   | 142.0 | 139   | 140   | 143   | 148.6 | 144   | <b>146</b>   | 149   | 154.1 | 150   | 151   | 154   | 159.5 | 156   | 158   | 161   | 166.3 |
|     | MBh   | 24.7  | 25.1  | 25.8  | 26.9  | 24.5  | 24.8  | 25.6  | 26.7  | 23.9  | 24.2  | 24.9  | 26.0  | 22.8  | 23.1         | 23.8  | 25.0  | 21.5  | 21.8  | 22.5  | 23.6  | 20.2  | 20.6  | 21.3  | 22.4  |
| 900 | S/T   | 0.87  | 0.79  | 0.64  | 0.5   | 0.88  | 0.79  | 0.65  | 0.5   | 1.00  | 0.82  | 0.68  | 0.5   | 1.00  | 0.84         | 0.70  | 0.5   | 1.00  | 0.86  | 0.72  | 0.6   | 1.00  | 1.00  | 0.78  | 0.6   |
|     | ΔT    | 21.86 | 20.06 | 16.71 | 13.2  | 21.81 | 20.02 | 16.66 | 13.2  | 22.07 | 20.27 | 16.91 | 13.4  | 21.79 | 20.00        | 16.64 | 13.2  | 21.55 | 19.76 | 16.40 | 12.9  | 22.68 | 20.88 | 17.53 | 14.0  |
|     | kW    | 1.59  | 1.59  | 1.59  | 1.6   | 1.80  | 1.80  | 1.79  | 1.8   | 2.03  | 2.02  | 2.02  | 2.0   | 2.27  | 2.27         | 2.27  | 2.3   | 2.55  | 2.55  | 2.54  | 2.6   | 2.87  | 2.87  | 2.87  | 2.9   |
|     | Amps  | 6.38  | 6.37  | 6.36  | 6.4   | 7.31  | 7.31  | 7.29  | 7.4   | 8.36  | 8.35  | 8.33  | 8.4   | 9.48  | 9.48         | 9.46  | 9.5   | 10.74 | 10.74 | 10.72 | 10.8  | 12.22 | 12.21 | 12.20 | 12.3  |
|     | Hi PR | 247   | 248   | 250   | 254.0 | 285   | 286   | 288   | 292.4 | 326   | 327   | 328   | 332.7 | 369   | 370          | 372   | 376.1 | 416   | 417   | 419   | 422.9 | 466   | 467   | 469   | 472.8 |
|     | Lo PR | 126   | 127   | 130   | 135.5 | 133   | 135   | 138   | 142.9 | 140   | 141   | 144   | 149.5 | 145   | 147          | 150   | 155.0 | 151   | 152   | 155   | 160.4 | 157   | 159   | 162   | 167.2 |

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

Shaded area reflects ACCA (TVA) conditions

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

|     |         | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----|---------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|     |         | 65°F                        |       |       |       | 75°F  |       |       |       | 85°F  |       |       |       | 95°F  |       |       |       | 105°F |       |       |       | 115°F |       |       |       |
| IDB | AIRFLOW | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |
| 80  | MBh     | 24.2                        | 24.6  | 25.3  | 26.4  | 24.0  | 24.4  | 25.1  | 26.2  | 23.4  | 23.7  | 24.5  | 25.6  | 22.3  | 22.6  | 23.4  | 24.5  | 21.0  | 21.3  | 22.0  | 23.1  | 19.8  | 20.1  | 20.8  | 21.9  |
|     | S/T     | 1.00                        | 0.80  | 0.66  | 0.5   | 1.00  | 0.81  | 0.66  | 0.5   | 1.00  | 0.83  | 0.69  | 0.5   | 1.00  | 0.85  | 0.71  | 0.6   | 1.00  | 1.00  | 0.73  | 0.6   | 1.00  | 1.00  | 0.79  | 0.6   |
|     | ΔT      | 27.90                       | 26.10 | 22.74 | 19.3  | 27.85 | 26.05 | 22.69 | 19.2  | 28.10 | 26.30 | 22.94 | 19.5  | 27.83 | 26.03 | 22.67 | 19.2  | 27.59 | 25.79 | 22.43 | 19.0  | 28.71 | 26.92 | 23.56 | 20.1  |
|     | kW      | 1.58                        | 1.57  | 1.57  | 1.6   | 1.78  | 1.78  | 1.77  | 1.8   | 2.01  | 2.01  | 2.00  | 2.0   | 2.25  | 2.25  | 2.25  | 2.3   | 2.53  | 2.53  | 2.52  | 2.5   | 2.85  | 2.85  | 2.85  | 2.9   |
|     | Amps    | 6.29                        | 6.29  | 6.27  | 6.3   | 7.23  | 7.22  | 7.20  | 7.3   | 8.27  | 8.26  | 8.25  | 8.3   | 9.40  | 9.39  | 9.37  | 9.4   | 10.66 | 10.65 | 10.63 | 10.7  | 12.13 | 12.13 | 12.11 | 12.2  |
|     | Hi PR   | 243                         | 245   | 246   | 250.5 | 282   | 283   | 285   | 289.0 | 322   | 323   | 325   | 329.3 | 366   | 367   | 368   | 372.7 | 412   | 413   | 415   | 419.4 | 462   | 463   | 465   | 469.4 |
| 85  | Lo PR   | 123                         | 124   | 127   | 132.6 | 130   | 132   | 135   | 140.0 | 137   | 138   | 141   | 146.6 | 142   | 144   | 147   | 152.1 | 148   | 149   | 152   | 157.6 | 154   | 156   | 159   | 164.4 |
|     | MBh     | 24.7                        | 25.0  | 25.7  | 26.8  | 24.5  | 24.8  | 25.5  | 26.6  | 23.8  | 24.2  | 24.9  | 26.0  | 22.7  | 23.1  | 23.8  | 24.9  | 21.4  | 21.7  | 22.5  | 23.6  | 20.2  | 20.5  | 21.3  | 22.4  |
|     | S/T     | 1.00                        | 0.90  | 0.76  | 0.6   | 1.00  | 0.91  | 0.76  | 0.6   | 1.00  | 0.93  | 0.79  | 0.6   | 1.00  | 1.00  | 0.81  | 0.7   | 1.00  | 1.00  | 0.83  | 0.7   | 1.00  | 1.00  | 0.89  | 0.7   |
|     | ΔT      | 26.29                       | 24.49 | 21.13 | 17.7  | 26.24 | 24.44 | 21.09 | 17.6  | 26.49 | 24.70 | 21.34 | 17.9  | 26.22 | 24.42 | 21.07 | 17.6  | 25.98 | 24.18 | 20.83 | 17.3  | 27.11 | 25.31 | 21.95 | 18.5  |
|     | kW      | 1.59                        | 1.59  | 1.59  | 1.6   | 1.79  | 1.79  | 1.79  | 1.8   | 2.02  | 2.02  | 2.02  | 2.0   | 2.27  | 2.27  | 2.26  | 2.3   | 2.54  | 2.54  | 2.54  | 2.6   | 2.87  | 2.87  | 2.86  | 2.9   |
|     | Amps    | 6.37                        | 6.36  | 6.34  | 6.4   | 7.30  | 7.29  | 7.28  | 7.3   | 8.34  | 8.33  | 8.32  | 8.4   | 9.47  | 9.46  | 9.44  | 9.5   | 10.73 | 10.72 | 10.70 | 10.8  | 12.21 | 12.20 | 12.18 | 12.3  |
| 900 | Hi PR   | 246                         | 248   | 249   | 253.5 | 285   | 286   | 288   | 292.0 | 325   | 326   | 328   | 332.2 | 369   | 370   | 371   | 375.6 | 415   | 416   | 418   | 422.4 | 465   | 466   | 468   | 472.3 |
|     | Lo PR   | 125                         | 127   | 130   | 135.1 | 133   | 134   | 137   | 142.6 | 139   | 141   | 144   | 149.1 | 145   | 146   | 149   | 154.6 | 150   | 152   | 155   | 160.1 | 157   | 159   | 162   | 166.9 |
|     | MBh     | 24.8                        | 25.2  | 25.9  | 27.0  | 24.6  | 25.0  | 25.7  | 26.8  | 24.0  | 24.3  | 25.1  | 26.2  | 22.9  | 23.2  | 24.0  | 25.1  | 21.6  | 21.9  | 22.6  | 23.7  | 20.4  | 20.7  | 21.4  | 22.5  |
|     | S/T     | 1.00                        | 0.92  | 0.78  | 0.6   | 1.00  | 0.93  | 0.78  | 0.6   | 1.00  | 0.95  | 0.81  | 0.7   | 1.00  | 1.00  | 0.83  | 0.7   | 1.00  | 1.00  | 0.85  | 0.7   | 1.00  | 1.00  | 0.91  | 0.8   |
|     | ΔT      | 25.84                       | 24.04 | 20.69 | 17.2  | 25.79 | 24.00 | 20.64 | 17.2  | 26.05 | 24.25 | 20.89 | 17.4  | 25.78 | 23.98 | 20.62 | 17.1  | 25.53 | 23.74 | 20.38 | 16.9  | 26.66 | 24.86 | 21.51 | 18.0  |
|     | kW      | 1.60                        | 1.59  | 1.59  | 1.6   | 1.80  | 1.80  | 1.79  | 1.8   | 2.03  | 2.03  | 2.02  | 2.0   | 2.27  | 2.27  | 2.27  | 2.3   | 2.55  | 2.55  | 2.54  | 2.6   | 2.87  | 2.87  | 2.87  | 2.9   |
| 85  | Amps    | 6.39                        | 6.38  | 6.36  | 6.4   | 7.32  | 7.31  | 7.30  | 7.4   | 8.36  | 8.35  | 8.34  | 8.4   | 9.49  | 9.48  | 9.46  | 9.5   | 10.75 | 10.74 | 10.72 | 10.8  | 12.23 | 12.22 | 12.20 | 12.3  |
|     | Hi PR   | 247                         | 248   | 250   | 254.4 | 286   | 287   | 289   | 292.9 | 326   | 327   | 329   | 333.2 | 370   | 371   | 372   | 376.6 | 416   | 417   | 419   | 423.4 | 466   | 467   | 469   | 473.3 |
|     | Lo PR   | 126                         | 128   | 131   | 136.0 | 134   | 135   | 138   | 143.5 | 140   | 142   | 145   | 150.0 | 146   | 147   | 150   | 155.6 | 151   | 153   | 156   | 161.0 | 158   | 159   | 163   | 167.8 |
|     | MBh     | 24.6                        | 25.0  | 25.7  | 26.8  | 24.4  | 24.8  | 25.5  | 26.6  | 23.8  | 24.1  | 24.9  | 26.0  | 22.7  | 23.1  | 23.8  | 24.9  | 21.4  | 21.7  | 22.4  | 23.5  | 20.2  | 20.5  | 21.2  | 22.3  |
|     | S/T     | 1.00                        | 0.91  | 0.76  | 0.6   | 1.00  | 0.92  | 0.77  | 0.6   | 1.00  | 1.00  | 0.80  | 0.6   | 1.00  | 1.00  | 0.82  | 0.7   | 1.00  | 1.00  | 0.84  | 0.7   | 1.00  | 1.00  | 1.00  | 0.7   |
|     | ΔT      | 31.43                       | 29.63 | 26.27 | 22.8  | 31.38 | 29.58 | 26.22 | 22.7  | 31.63 | 29.83 | 26.47 | 23.0  | 31.36 | 29.56 | 26.20 | 22.7  | 31.12 | 29.32 | 25.96 | 22.5  | 32.24 | 30.45 | 27.09 | 23.6  |
| 700 | kW      | 1.58                        | 1.58  | 1.57  | 1.6   | 1.78  | 1.78  | 1.78  | 1.8   | 2.01  | 2.01  | 2.01  | 2.0   | 2.26  | 2.26  | 2.25  | 2.3   | 2.53  | 2.53  | 2.53  | 2.5   | 2.86  | 2.85  | 2.85  | 2.9   |
|     | Amps    | 6.31                        | 6.30  | 6.29  | 6.4   | 7.24  | 7.24  | 7.22  | 7.3   | 8.29  | 8.28  | 8.26  | 8.3   | 9.41  | 9.41  | 9.39  | 9.5   | 10.67 | 10.67 | 10.65 | 10.7  | 12.15 | 12.14 | 12.13 | 12.2  |
|     | Hi PR   | 245                         | 246   | 247   | 251.7 | 283   | 284   | 286   | 290.1 | 323   | 324   | 326   | 330.4 | 367   | 368   | 370   | 373.8 | 414   | 415   | 416   | 420.6 | 463   | 465   | 466   | 470.5 |
|     | Lo PR   | 125                         | 126   | 129   | 134.4 | 132   | 134   | 137   | 141.9 | 139   | 140   | 143   | 148.4 | 144   | 146   | 149   | 154.0 | 150   | 151   | 154   | 159.4 | 156   | 158   | 161   | 166.2 |
|     | MBh     | 25.1                        | 25.4  | 26.1  | 27.2  | 24.9  | 25.2  | 25.9  | 27.0  | 24.2  | 24.6  | 25.3  | 26.4  | 23.1  | 23.5  | 24.2  | 25.3  | 21.8  | 22.2  | 22.9  | 24.0  | 20.6  | 20.9  | 21.7  | 22.8  |
|     | S/T     | 1.00                        | 1.00  | 0.86  | 0.7   | 1.00  | 1.00  | 0.87  | 0.7   | 1.00  | 1.00  | 0.90  | 0.7   | 1.00  | 1.00  | 0.92  | 0.8   | 1.00  | 1.00  | 0.94  | 0.8   | 1.00  | 1.00  | 1.00  | 0.8   |
| 85  | ΔT      | 29.82                       | 28.02 | 24.66 | 21.2  | 29.77 | 27.97 | 24.62 | 21.1  | 30.02 | 28.23 | 24.87 | 21.4  | 29.75 | 27.95 | 24.60 | 21.1  | 29.51 | 27.71 | 24.36 | 20.9  | 30.64 | 28.84 | 25.48 | 22.0  |
|     | kW      | 1.59                        | 1.59  | 1.59  | 1.6   | 1.80  | 1.80  | 1.79  | 1.8   | 2.03  | 2.02  | 2.02  | 2.0   | 2.27  | 2.27  | 2.27  | 2.3   | 2.55  | 2.55  | 2.54  | 2.6   | 2.87  | 2.87  | 2.87  | 2.9   |
|     | Amps    | 6.38                        | 6.38  | 6.36  | 6.4   | 7.32  | 7.31  | 7.29  | 7.4   | 8.36  | 8.35  | 8.34  | 8.4   | 9.49  | 9.48  | 9.46  | 9.5   | 10.75 | 10.74 | 10.72 | 10.8  | 12.22 | 12.22 | 12.20 | 12.3  |
|     | Hi PR   | 248                         | 249   | 250   | 254.6 | 286   | 287   | 289   | 293.1 | 326   | 327   | 329   | 333.4 | 370   | 371   | 373   | 376.8 | 417   | 418   | 419   | 423.6 | 466   | 468   | 469   | 473.5 |
|     | Lo PR   | 127                         | 129   | 132   | 136.9 | 135   | 136   | 139   | 144.4 | 141   | 143   | 146   | 150.9 | 147   | 148   | 151   | 156.5 | 152   | 154   | 157   | 161.9 | 159   | 160   | 163   | 168.7 |
|     | MBh     | 25.3                        | 25.6  | 26.3  | 27.4  | 25.0  | 25.4  | 26.1  | 27.2  | 24.4  | 24.7  | 25.5  | 26.6  | 23.3  | 23.7  | 24.4  | 25.5  | 22.0  | 22.3  | 23.0  | 24.2  | 20.8  | 21.1  | 21.8  | 22.9  |
| 900 | S/T     | 1.00                        | 1.00  | 0.88  | 0.7   | 1.00  | 1.00  | 0.89  | 0.7   | 1.00  | 1.00  | 0.92  | 0.8   | 1.00  | 1.00  | 0.94  | 0.8   | 1.00  | 1.00  | 0.96  | 0.8   | 1.00  | 1.00  | 1.00  | 0.9   |
|     | ΔT      | 29.37                       | 27.57 | 24.22 | 20.7  | 29.32 | 27.53 | 24.17 | 20.7  | 29.58 | 27.78 | 24.42 | 20.9  | 29.31 | 27.51 | 24.15 | 20.7  | 29.06 | 27.27 | 23.91 | 20.4  | 30.19 | 28.39 | 25.04 | 21.6  |
|     | kW      | 1.60                        | 1.60  | 1.59  | 1.6   | 1.80  | 1.80  | 1.80  | 1.8   | 2.03  | 2.03  | 2.03  | 2.0   | 2.28  | 2.28  | 2.27  | 2.3   | 2.55  | 2.55  | 2.55  | 2.6   | 2.88  | 2.87  | 2.87  | 2.9   |
|     | Amps    | 6.40                        | 6.40  | 6.38  | 6.5   | 7.34  | 7.33  | 7.31  | 7.4   | 8.38  | 8.37  | 8.35  | 8.4   | 9.51  | 9.50  | 9.48  | 9.6   | 10.77 | 10.76 | 10.74 | 10.8  | 12.24 | 12.24 | 12.22 | 12.3  |
|     | Hi PR   | 249                         | 250   | 251   | 255.6 | 287   | 288   | 290   | 294.0 | 327   | 328   | 330   | 334.3 | 371   | 372   | 373   | 377.7 | 417   | 419   | 420   | 424.5 | 467   | 468   | 470   | 474.4 |
|     | Lo PR   | 128                         | 129   | 133   | 137.8 | 135   | 137   | 140   | 145.3 | 142   | 144   | 147   | 151.9 | 148   | 149   | 152   | 157.4 | 153   | 154   | 158   | 162.8 | 160   | 161   | 164   | 169.6 |

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

Shaded area reflects AHRI conditions

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

|      |         | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|---------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      |         | 65°F                        |       |       |       | 75°F  |       |       |       | 85°F  |       |       |       | 95°F  |       |       |       | 105°F |       |       |       | 115°F |       |       |       |
| IDB  | AIRFLOW | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |
| 70   | MBh     | 28.9                        | 29.3  | 30.2  | -     | 28.6  | 29.0  | 29.9  | -     | 27.9  | 28.3  | 29.1  | -     | 26.6  | 27.0  | 27.8  | -     | 25.0  | 25.4  | 26.2  | -     | 23.5  | 23.9  | 24.8  | -     |
|      | S/T     | 0.65                        | 0.56  | 0.41  | -     | 0.65  | 0.57  | 0.42  | -     | 0.68  | 0.60  | 0.45  | -     | 1.00  | 0.62  | 0.47  | -     | 1.00  | 0.64  | 0.49  | -     | 1.00  | 0.70  | 0.55  | -     |
|      | ΔT      | 19.62                       | 17.85 | 14.53 | -     | 19.58 | 17.80 | 14.48 | -     | 19.83 | 18.05 | 14.73 | -     | 19.56 | 17.78 | 14.46 | -     | 19.32 | 17.54 | 14.23 | -     | 20.43 | 18.66 | 15.34 | -     |
|      | kW      | 1.92                        | 1.92  | 1.91  | -     | 2.15  | 2.15  | 2.15  | -     | 2.42  | 2.41  | 2.41  | -     | 2.70  | 2.70  | 2.69  | -     | 3.02  | 3.01  | 3.01  | -     | 3.39  | 3.38  | 3.38  | -     |
|      | Amps    | 7.47                        | 7.46  | 7.45  | -     | 8.54  | 8.54  | 8.52  | -     | 9.74  | 9.73  | 9.71  | -     | 11.03 | 11.03 | 11.01 | -     | 12.48 | 12.47 | 12.45 | -     | 14.18 | 14.17 | 14.15 | -     |
|      | Hi PR   | 254                         | 255   | 257   | -     | 295   | 296   | 297   | -     | 337   | 338   | 340   | -     | 382   | 383   | 385   | -     | 431   | 432   | 434   | -     | 483   | 484   | 486   | -     |
| 70   | Lo PR   | 124                         | 126   | 129   | -     | 132   | 133   | 137   | -     | 139   | 140   | 143   | -     | 144   | 146   | 149   | -     | 150   | 151   | 154   | -     | 157   | 158   | 161   | -     |
|      | MBh     | 29.4                        | 29.8  | 30.7  | -     | 29.1  | 29.5  | 30.4  | -     | 28.4  | 28.8  | 29.6  | -     | 27.1  | 27.5  | 28.3  | -     | 25.5  | 25.9  | 26.7  | -     | 24.0  | 24.4  | 25.3  | -     |
|      | S/T     | 0.74                        | 0.66  | 0.51  | -     | 0.75  | 0.67  | 0.51  | -     | 0.78  | 0.69  | 0.54  | -     | 1.00  | 0.72  | 0.56  | -     | 1.00  | 0.74  | 0.59  | -     | 1.00  | 0.80  | 0.65  | -     |
|      | ΔT      | 18.14                       | 16.36 | 13.04 | -     | 18.09 | 16.31 | 13.00 | -     | 18.34 | 16.56 | 13.25 | -     | 18.07 | 16.29 | 12.98 | -     | 17.83 | 16.06 | 12.74 | -     | 18.95 | 17.17 | 13.85 | -     |
|      | kW      | 1.94                        | 1.94  | 1.93  | -     | 2.17  | 2.17  | 2.17  | -     | 2.43  | 2.43  | 2.43  | -     | 2.72  | 2.71  | 2.71  | -     | 3.03  | 3.03  | 3.03  | -     | 3.40  | 3.40  | 3.40  | -     |
|      | Amps    | 7.55                        | 7.54  | 7.52  | -     | 8.62  | 8.61  | 8.59  | -     | 9.82  | 9.81  | 9.79  | -     | 11.11 | 11.10 | 11.09 | -     | 12.56 | 12.55 | 12.53 | -     | 14.25 | 14.25 | 14.23 | -     |
| 1125 | Hi PR   | 257                         | 258   | 260   | -     | 297   | 299   | 300   | -     | 340   | 341   | 343   | -     | 385   | 386   | 388   | -     | 434   | 435   | 437   | -     | 486   | 487   | 489   | -     |
|      | Lo PR   | 127                         | 128   | 131   | -     | 134   | 136   | 139   | -     | 141   | 143   | 146   | -     | 147   | 148   | 151   | -     | 152   | 154   | 157   | -     | 159   | 161   | 164   | -     |
|      | MBh     | 29.6                        | 30.0  | 30.9  | -     | 29.4  | 29.8  | 30.6  | -     | 28.6  | 29.0  | 29.9  | -     | 27.3  | 27.7  | 28.6  | -     | 25.7  | 26.1  | 27.0  | -     | 24.3  | 24.7  | 25.5  | -     |
|      | S/T     | 0.77                        | 0.68  | 0.53  | -     | 0.78  | 0.69  | 0.54  | -     | 0.80  | 0.72  | 0.57  | -     | 1.00  | 0.74  | 0.59  | -     | 1.00  | 0.77  | 0.61  | -     | 1.00  | 0.82  | 0.67  | -     |
|      | ΔT      | 17.61                       | 15.83 | 12.51 | -     | 17.56 | 15.78 | 12.46 | -     | 17.81 | 16.03 | 12.71 | -     | 17.54 | 15.76 | 12.45 | -     | 17.30 | 15.53 | 12.21 | -     | 18.41 | 16.64 | 13.32 | -     |
|      | kW      | 1.94                        | 1.94  | 1.94  | -     | 2.18  | 2.18  | 2.17  | -     | 2.44  | 2.44  | 2.43  | -     | 2.72  | 2.72  | 2.72  | -     | 3.04  | 3.04  | 3.03  | -     | 3.41  | 3.41  | 3.40  | -     |
| 75   | Amps    | 7.58                        | 7.57  | 7.55  | -     | 8.65  | 8.64  | 8.62  | -     | 9.84  | 9.84  | 9.82  | -     | 11.14 | 11.13 | 11.11 | -     | 12.59 | 12.58 | 12.56 | -     | 14.28 | 14.27 | 14.26 | -     |
|      | Hi PR   | 258                         | 260   | 261   | -     | 299   | 300   | 302   | -     | 341   | 342   | 344   | -     | 386   | 387   | 389   | -     | 435   | 436   | 438   | -     | 487   | 489   | 490   | -     |
|      | Lo PR   | 128                         | 129   | 133   | -     | 135   | 137   | 140   | -     | 142   | 144   | 147   | -     | 148   | 149   | 152   | -     | 153   | 155   | 158   | -     | 160   | 162   | 165   | -     |
|      | MBh     | 28.9                        | 29.3  | 30.2  | 31.5  | 28.6  | 29.0  | 29.9  | 31.2  | 27.9  | 28.3  | 29.2  | 30.5  | 26.6  | 27.0  | 27.9  | 29.2  | 25.0  | 25.4  | 26.3  | 27.6  | 23.5  | 23.9  | 24.8  | 26.1  |
|      | S/T     | 0.79                        | 0.71  | 0.56  | 0.4   | 0.80  | 0.71  | 0.56  | 0.4   | 1.00  | 0.74  | 0.59  | 0.4   | 1.00  | 0.76  | 0.61  | 0.5   | 1.00  | 0.79  | 0.64  | 0.5   | 1.00  | 1.00  | 0.69  | 0.5   |
|      | ΔT      | 23.53                       | 21.75 | 18.44 | 15.0  | 23.48 | 21.71 | 18.39 | 15.0  | 23.73 | 21.96 | 18.64 | 15.2  | 23.46 | 21.69 | 18.37 | 14.9  | 23.23 | 21.45 | 18.13 | 14.7  | 24.34 | 22.56 | 19.24 | 15.8  |
| 875  | kW      | 1.92                        | 1.92  | 1.91  | 1.9   | 2.15  | 2.15  | 2.15  | 2.2   | 2.41  | 2.41  | 2.41  | 2.4   | 2.70  | 2.70  | 2.69  | 2.7   | 3.01  | 3.01  | 3.01  | 3.0   | 3.38  | 3.38  | 3.38  | 3.4   |
|      | Amps    | 7.47                        | 7.46  | 7.44  | 7.5   | 8.54  | 8.53  | 8.51  | 8.6   | 9.73  | 9.73  | 9.71  | 9.8   | 11.03 | 11.02 | 11.00 | 11.1  | 12.47 | 12.47 | 12.45 | 12.5  | 14.17 | 14.16 | 14.14 | 14.2  |
|      | Hi PR   | 255                         | 256   | 257   | 261.9 | 295   | 296   | 298   | 302.1 | 337   | 338   | 340   | 344.3 | 382   | 383   | 385   | 389.7 | 431   | 432   | 434   | 438.6 | 484   | 485   | 486   | 490.9 |
|      | Lo PR   | 124                         | 126   | 129   | 134.4 | 132   | 133   | 137   | 142.0 | 139   | 140   | 143   | 148.6 | 144   | 146   | 149   | 154.2 | 150   | 151   | 154   | 159.8 | 157   | 158   | 161   | 166.7 |
|      | MBh     | 29.4                        | 29.8  | 30.7  | 32.0  | 29.1  | 29.5  | 30.4  | 31.7  | 28.4  | 28.8  | 29.7  | 31.0  | 27.1  | 27.5  | 28.3  | 29.7  | 25.5  | 25.9  | 26.8  | 28.1  | 24.0  | 24.4  | 25.3  | 26.6  |
|      | S/T     | 0.89                        | 0.80  | 0.65  | 0.5   | 1.00  | 0.81  | 0.66  | 0.5   | 1.00  | 0.84  | 0.69  | 0.5   | 1.00  | 0.86  | 0.71  | 0.5   | 1.00  | 0.89  | 0.73  | 0.6   | 1.00  | 1.00  | 0.79  | 0.6   |
| 75   | ΔT      | 22.04                       | 20.27 | 16.95 | 13.5  | 22.00 | 20.22 | 16.90 | 13.5  | 22.25 | 20.47 | 17.15 | 13.7  | 21.98 | 20.20 | 16.88 | 13.4  | 21.74 | 19.96 | 16.65 | 13.2  | 22.85 | 21.08 | 17.76 | 14.3  |
|      | kW      | 1.94                        | 1.93  | 1.93  | 1.9   | 2.17  | 2.17  | 2.16  | 2.2   | 2.43  | 2.43  | 2.43  | 2.4   | 2.71  | 2.71  | 2.71  | 2.7   | 3.03  | 3.03  | 3.02  | 3.0   | 3.40  | 3.40  | 3.40  | 3.4   |
|      | Amps    | 7.54                        | 7.53  | 7.52  | 7.6   | 8.61  | 8.61  | 8.59  | 8.7   | 9.81  | 9.80  | 9.78  | 9.9   | 11.10 | 11.10 | 11.08 | 11.2  | 12.55 | 12.54 | 12.52 | 12.6  | 14.25 | 14.24 | 14.22 | 14.3  |
|      | Hi PR   | 257                         | 259   | 260   | 264.8 | 298   | 299   | 301   | 305.0 | 340   | 341   | 343   | 347.2 | 385   | 386   | 388   | 392.6 | 434   | 435   | 437   | 441.6 | 486   | 488   | 489   | 493.8 |
|      | Lo PR   | 127                         | 128   | 131   | 136.8 | 134   | 136   | 139   | 144.4 | 141   | 143   | 146   | 151.0 | 147   | 148   | 151   | 156.7 | 152   | 154   | 157   | 162.2 | 159   | 161   | 164   | 169.1 |
|      | MBh     | 29.6                        | 30.1  | 30.9  | 32.2  | 29.4  | 29.8  | 30.7  | 32.0  | 28.6  | 29.0  | 29.9  | 31.2  | 27.3  | 27.7  | 28.6  | 29.9  | 25.7  | 26.1  | 27.0  | 28.3  | 24.3  | 24.7  | 25.6  | 26.9  |
| 1125 | S/T     | 0.91                        | 0.83  | 0.68  | 0.5   | 1.00  | 0.84  | 0.68  | 0.5   | 1.00  | 0.86  | 0.71  | 0.6   | 1.00  | 0.89  | 0.73  | 0.6   | 1.00  | 1.00  | 0.76  | 0.6   | 1.00  | 1.00  | 0.82  | 0.7   |
|      | ΔT      | 21.51                       | 19.74 | 16.42 | 13.0  | 21.46 | 19.69 | 16.37 | 12.9  | 21.71 | 19.94 | 16.62 | 13.2  | 21.45 | 19.67 | 16.35 | 12.9  | 21.21 | 19.43 | 16.11 | 12.7  | 22.32 | 20.54 | 17.23 | 13.8  |
|      | kW      | 1.94                        | 1.94  | 1.94  | 2.0   | 2.18  | 2.17  | 2.17  | 2.2   | 2.44  | 2.44  | 2.43  | 2.4   | 2.72  | 2.72  | 2.71  | 2.7   | 3.04  | 3.03  | 3.03  | 3.0   | 3.41  | 3.41  | 3.40  | 3.4   |
|      | Amps    | 7.57                        | 7.56  | 7.54  | 7.6   | 8.64  | 8.63  | 8.62  | 8.7   | 9.84  | 9.83  | 9.81  | 9.9   | 11.13 | 11.12 | 11.11 | 11.2  | 12.58 | 12.57 | 12.55 | 12.6  | 14.28 | 14.27 | 14.25 | 14.3  |
|      | Hi PR   | 259                         | 260   | 262   | 266.0 | 299   | 300   | 302   | 306.2 | 341   | 342   | 344   | 348.4 | 386   | 388   | 389   | 393.8 | 435   | 437   | 438   | 442.8 | 488   | 489   | 491   | 495.0 |
|      | Lo PR   | 128                         | 129   | 133   | 137.9 | 135   | 137   | 140   | 145.5 | 142   | 144   | 147   | 152.2 | 148   | 149   | 152   | 157.8 | 153   | 155   | 158   | 163.3 | 160   | 162   | 165   | 170.2 |

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

Shaded area reflects ACCA (TVA) conditions

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

|      |         | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |
|------|---------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
|      |         | 65°F                        |       |       |       |       | 75°F  |       |       |       |       | 85°F  |       |       |       |       | 95°F  |       |       |       |       | 105°F |       |       |       |       | 115°F |       |       |       |       |       |       |       |       |      |
| IDB  | AIRFLOW | 59                          | 63    | 67    | 71    | 75    | 59    | 63    | 67    | 71    | 75    | 59    | 63    | 67    | 71    | 75    | 59    | 63    | 67    | 71    | 75    | 59    | 63    | 67    | 71    | 75    | 59    | 63    | 67    | 71    | 75    |       |       |       |       |      |
| 875  | MBh     | 29.0                        | 29.5  | 30.3  | 31.6  | 32.1  | 28.8  | 29.2  | 30.1  | 31.4  | 32.0  | 28.0  | 28.4  | 29.3  | 30.6  | 31.7  | 27.1  | 28.0  | 29.3  | 30.6  | 31.7  | 26.7  | 27.1  | 28.0  | 29.3  | 30.6  | 31.7  | 25.1  | 25.5  | 26.4  | 27.7  | 28.2  | 23.7  | 24.1  | 25.0  | 26.3 |
|      | S/T     | 1.00                        | 0.85  | 0.70  | 0.5   | 0.5   | 1.00  | 0.88  | 0.73  | 0.6   | 0.6   | 1.00  | 0.88  | 0.73  | 0.6   | 1.00  | 1.00  | 0.75  | 0.6   | 0.6   | 1.00  | 1.00  | 0.75  | 0.6   | 0.6   | 1.00  | 1.00  | 0.78  | 0.6   | 0.6   | 1.00  | 1.00  | 0.83  | 0.7   |       |      |
|      | ΔT      | 27.46                       | 25.69 | 22.37 | 18.9  | 18.9  | 27.42 | 25.64 | 22.32 | 18.9  | 18.9  | 27.67 | 25.89 | 22.57 | 19.1  | 19.1  | 27.40 | 25.62 | 22.30 | 18.9  | 18.9  | 27.40 | 25.62 | 22.30 | 18.9  | 18.9  | 27.16 | 25.38 | 22.07 | 18.6  | 18.6  | 28.27 | 26.50 | 23.18 | 19.7  |      |
|      | kW      | 1.92                        | 1.92  | 1.91  | 1.9   | 1.9   | 2.15  | 2.15  | 2.15  | 2.2   | 2.2   | 2.42  | 2.41  | 2.41  | 2.4   | 2.4   | 2.70  | 2.70  | 2.69  | 2.7   | 2.7   | 2.70  | 2.70  | 2.69  | 2.7   | 2.7   | 3.01  | 3.01  | 3.01  | 3.0   | 3.0   | 3.39  | 3.38  | 3.38  | 3.4   |      |
|      | Amps    | 7.47                        | 7.46  | 7.44  | 7.5   | 7.5   | 8.54  | 8.53  | 8.52  | 8.6   | 8.6   | 9.74  | 9.73  | 9.71  | 9.8   | 9.8   | 11.03 | 11.03 | 11.01 | 11.1  | 11.1  | 11.03 | 11.03 | 11.01 | 11.1  | 11.1  | 12.48 | 12.47 | 12.45 | 12.5  | 12.5  | 14.18 | 14.17 | 14.15 | 14.2  |      |
|      | Hi PR   | 255                         | 256   | 258   | 262.3 | 262.3 | 295   | 296   | 298   | 302.6 | 302.6 | 337   | 339   | 340   | 344.7 | 344.7 | 383   | 384   | 386   | 390.1 | 390.1 | 383   | 384   | 386   | 390.1 | 390.1 | 432   | 433   | 435   | 439.1 | 439.1 | 484   | 485   | 487   | 491.3 |      |
|      | Lo PR   | 125                         | 126   | 130   | 134.9 | 134.9 | 132   | 134   | 137   | 142.5 | 142.5 | 139   | 141   | 144   | 149.2 | 149.2 | 145   | 146   | 149   | 154.8 | 154.8 | 145   | 146   | 149   | 154.8 | 154.8 | 150   | 152   | 155   | 160.3 | 160.3 | 157   | 159   | 162   | 167.2 |      |
| 1050 | MBh     | 29.5                        | 30.0  | 30.8  | 32.1  | 32.1  | 29.3  | 29.7  | 30.6  | 31.9  | 32.1  | 28.5  | 28.9  | 29.8  | 31.1  | 31.1  | 27.2  | 27.6  | 28.5  | 29.8  | 31.1  | 27.2  | 27.6  | 28.5  | 29.8  | 31.1  | 25.6  | 26.0  | 26.9  | 28.2  | 28.2  | 24.2  | 24.6  | 25.5  | 26.8  |      |
|      | S/T     | 1.00                        | 0.94  | 0.79  | 0.6   | 0.6   | 1.00  | 0.95  | 0.80  | 0.6   | 0.6   | 1.00  | 0.98  | 0.83  | 0.7   | 0.7   | 1.00  | 1.00  | 0.85  | 0.7   | 0.7   | 1.00  | 1.00  | 0.87  | 0.7   | 1.00  | 1.00  | 0.87  | 0.7   | 0.7   | 1.00  | 1.00  | 0.93  | 0.8   |       |      |
|      | ΔT      | 25.98                       | 24.20 | 20.88 | 17.4  | 17.4  | 25.93 | 24.15 | 20.84 | 17.4  | 17.4  | 26.18 | 24.40 | 21.09 | 17.6  | 17.6  | 25.91 | 24.13 | 20.82 | 17.4  | 17.4  | 25.91 | 24.13 | 20.82 | 17.4  | 25.67 | 23.90 | 20.58 | 17.1  | 17.1  | 26.79 | 25.01 | 21.69 | 18.3  |       |      |
|      | kW      | 1.94                        | 1.94  | 1.93  | 1.9   | 1.9   | 2.17  | 2.17  | 2.17  | 2.2   | 2.2   | 2.43  | 2.43  | 2.43  | 2.4   | 2.4   | 2.72  | 2.71  | 2.71  | 2.7   | 2.7   | 2.72  | 2.71  | 2.71  | 2.7   | 2.7   | 3.03  | 3.03  | 3.03  | 3.0   | 3.0   | 3.40  | 3.40  | 3.40  | 3.4   |      |
|      | Amps    | 7.55                        | 7.54  | 7.52  | 7.6   | 7.6   | 8.62  | 8.61  | 8.59  | 8.7   | 8.7   | 9.82  | 9.81  | 9.79  | 9.9   | 9.9   | 11.11 | 11.10 | 11.08 | 11.2  | 11.2  | 11.11 | 11.10 | 11.08 | 11.2  | 12.56 | 12.55 | 12.53 | 12.6  | 12.6  | 14.25 | 14.25 | 14.23 | 14.3  |       |      |
|      | Hi PR   | 258                         | 259   | 261   | 265.3 | 265.3 | 298   | 299   | 301   | 305.5 | 305.5 | 340   | 341   | 343   | 347.7 | 347.7 | 386   | 387   | 389   | 393.1 | 393.1 | 386   | 387   | 389   | 393.1 | 393.1 | 435   | 436   | 438   | 442.0 | 442.0 | 487   | 488   | 490   | 494.3 |      |
|      | Lo PR   | 127                         | 129   | 132   | 137.3 | 137.3 | 135   | 136   | 140   | 144.9 | 144.9 | 142   | 143   | 146   | 151.6 | 151.6 | 147   | 149   | 152   | 157.2 | 157.2 | 147   | 149   | 152   | 157.2 | 157.2 | 153   | 154   | 157   | 162.7 | 162.7 | 160   | 161   | 164   | 169.7 |      |
| 1125 | MBh     | 29.8                        | 30.2  | 31.1  | 32.4  | 32.4  | 29.5  | 29.9  | 30.8  | 32.1  | 32.1  | 28.8  | 29.2  | 30.1  | 31.4  | 31.4  | 27.5  | 27.9  | 28.8  | 30.1  | 30.1  | 27.5  | 27.9  | 28.8  | 30.1  | 30.1  | 25.9  | 26.3  | 27.2  | 28.5  | 28.5  | 24.4  | 24.8  | 25.7  | 27.0  |      |
|      | S/T     | 1.00                        | 0.97  | 0.82  | 0.7   | 0.7   | 1.00  | 0.98  | 0.82  | 0.7   | 0.7   | 1.00  | 1.00  | 0.85  | 0.7   | 0.7   | 1.00  | 1.00  | 0.87  | 0.7   | 0.7   | 1.00  | 1.00  | 0.87  | 0.7   | 1.00  | 1.00  | 0.90  | 0.7   | 0.7   | 1.00  | 1.00  | 0.96  | 0.8   |       |      |
|      | ΔT      | 25.45                       | 23.67 | 20.35 | 16.9  | 16.9  | 25.40 | 23.62 | 20.30 | 16.9  | 16.9  | 25.65 | 23.87 | 20.55 | 17.1  | 17.1  | 25.38 | 23.60 | 20.28 | 16.8  | 16.8  | 25.38 | 23.60 | 20.28 | 16.8  | 25.14 | 23.36 | 20.05 | 16.6  | 16.6  | 26.25 | 24.48 | 21.16 | 17.7  |       |      |
|      | kW      | 1.94                        | 1.94  | 1.94  | 2.0   | 2.0   | 2.18  | 2.18  | 2.17  | 2.2   | 2.2   | 2.44  | 2.44  | 2.43  | 2.5   | 2.5   | 2.72  | 2.72  | 2.72  | 2.7   | 2.7   | 2.72  | 2.72  | 2.72  | 2.7   | 2.7   | 3.04  | 3.04  | 3.03  | 3.0   | 3.0   | 3.41  | 3.41  | 3.40  | 3.4   |      |
|      | Amps    | 7.58                        | 7.57  | 7.55  | 7.6   | 7.6   | 8.65  | 8.64  | 8.62  | 8.7   | 8.7   | 9.84  | 9.84  | 9.82  | 9.9   | 9.9   | 11.14 | 11.13 | 11.11 | 11.2  | 11.2  | 11.14 | 11.13 | 11.11 | 11.2  | 12.58 | 12.58 | 12.56 | 12.6  | 12.6  | 14.28 | 14.27 | 14.25 | 14.3  |       |      |
|      | Hi PR   | 259                         | 260   | 262   | 266.5 | 266.5 | 299   | 300   | 302   | 306.7 | 306.7 | 342   | 343   | 344   | 348.9 | 348.9 | 387   | 388   | 390   | 394.3 | 394.3 | 387   | 388   | 390   | 394.3 | 394.3 | 436   | 437   | 439   | 443.2 | 443.2 | 488   | 489   | 491   | 495.5 |      |
|      | Lo PR   | 128                         | 130   | 133   | 138.5 | 138.5 | 136   | 138   | 141   | 146.1 | 146.1 | 143   | 144   | 147   | 152.7 | 152.7 | 148   | 150   | 153   | 158.4 | 158.4 | 148   | 150   | 153   | 158.4 | 158.4 | 154   | 155   | 159   | 163.9 | 163.9 | 161   | 162   | 165   | 170.8 |      |

|       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 85    | 875   | MBh   | 29.5  | 29.9  | 30.8  | 32.1  | 29.3  | 29.7  | 30.6  | 31.9  | 28.5  | 28.9  | 29.8  | 31.1  | 27.2  | 27.6  | 28.5  | 29.8  | 25.6  | 26.0  | 26.9  | 28.2  | 24.2  | 24.6  | 25.4  | 26.8  |
|       |       | S/T   | 1.00  | 0.96  | 0.81  | 0.6   | 1.00  | 1.00  | 0.82  | 0.7   | 1.00  | 1.00  | 0.84  | 0.7   | 1.00  | 1.00  | 0.87  | 0.7   | 1.00  | 1.00  | 0.89  | 0.7   | 1.00  | 1.00  | 1.00  | 0.8   |
|       |       | ΔT    | 30.95 | 29.18 | 25.86 | 22.4  | 30.90 | 29.13 | 25.81 | 22.4  | 31.15 | 29.38 | 26.06 | 22.6  | 30.89 | 29.11 | 25.79 | 22.4  | 30.65 | 28.87 | 25.55 | 22.1  | 31.76 | 29.98 | 26.67 | 23.2  |
|       |       | kW    | 1.92  | 1.92  | 1.92  | 1.9   | 2.16  | 2.16  | 2.15  | 2.2   | 2.42  | 2.42  | 2.41  | 2.4   | 2.70  | 2.70  | 2.70  | 2.7   | 3.02  | 3.02  | 3.01  | 3.0   | 3.39  | 3.39  | 3.38  | 3.4   |
|       |       | Amps  | 7.49  | 7.48  | 7.47  | 7.5   | 8.56  | 8.56  | 8.54  | 8.6   | 9.76  | 9.75  | 9.73  | 9.8   | 11.05 | 11.05 | 11.03 | 11.1  | 12.50 | 12.49 | 12.47 | 12.6  | 14.20 | 14.19 | 14.17 | 14.3  |
|       |       | Hi PR | 256   | 257   | 259   | 263.5 | 296   | 298   | 299   | 303.8 | 339   | 340   | 341   | 345.9 | 384   | 385   | 387   | 391.3 | 433   | 434   | 436   | 440.3 | 485   | 486   | 488   | 492.5 |
|       |       | Lo PR | 127   | 128   | 131   | 136.8 | 134   | 136   | 139   | 144.4 | 141   | 143   | 146   | 151.0 | 147   | 148   | 151   | 156.7 | 152   | 154   | 157   | 162.2 | 159   | 161   | 164   | 169.1 |
|       | 1050  | MBh   | 30.0  | 30.4  | 31.3  | 32.6  | 29.8  | 30.2  | 31.0  | 32.4  | 29.0  | 29.4  | 30.3  | 31.6  | 27.7  | 28.1  | 29.0  | 30.3  | 26.1  | 26.5  | 27.4  | 28.7  | 24.7  | 25.1  | 25.9  | 27.3  |
|       |       | S/T   | 1.00  | 1.00  | 0.91  | 0.7   | 1.00  | 1.00  | 0.91  | 0.8   | 1.00  | 1.00  | 0.94  | 0.8   | 1.00  | 1.00  | 0.96  | 0.8   | 1.00  | 1.00  | 1.00  | 0.8   | 1.00  | 1.00  | 1.00  | 0.9   |
|       |       | ΔT    | 29.47 | 27.69 | 24.37 | 20.9  | 29.42 | 27.64 | 24.32 | 20.9  | 29.67 | 27.89 | 24.57 | 21.1  | 29.40 | 27.62 | 24.31 | 20.9  | 29.16 | 27.39 | 24.07 | 20.6  | 30.27 | 28.50 | 25.18 | 21.7  |
|       |       | kW    | 1.94  | 1.94  | 1.94  | 2.0   | 2.18  | 2.17  | 2.17  | 2.2   | 2.44  | 2.44  | 2.43  | 2.4   | 2.72  | 2.72  | 2.71  | 2.7   | 3.04  | 3.03  | 3.03  | 3.0   | 3.41  | 3.41  | 3.40  | 3.4   |
|       |       | Amps  | 7.57  | 7.56  | 7.54  | 7.6   | 8.64  | 8.63  | 8.61  | 8.7   | 9.84  | 9.83  | 9.81  | 9.9   | 11.13 | 11.12 | 11.10 | 11.2  | 12.58 | 12.57 | 12.55 | 12.6  | 14.27 | 14.27 | 14.25 | 14.3  |
|       |       | Hi PR | 259   | 260   | 262   | 266.5 | 299   | 300   | 302   | 306.7 | 342   | 343   | 344   | 348.9 | 387   | 388   | 390   | 394.3 | 436   | 437   | 439   | 443.2 | 488   | 489   | 491   | 495.5 |
| Lo PR |       | 129   | 131   | 134   | 139.2 | 137   | 138   | 141   | 146.8 | 143   | 145   | 148   | 153.5 | 149   | 151   | 154   | 159.1 | 155   | 156   | 159   | 164.6 | 161   | 163   | 166   | 171.5 |       |
| 1125  | MBh   | 30.3  | 30.7  | 31.6  | 32.9  | 30.0  | 30.4  | 31.3  | 32.6  | 29.3  | 29.7  | 30.5  | 31.9  | 28.0  | 28.4  | 29.2  | 30.6  | 26.4  | 26.8  | 27.6  | 29.0  | 24.9  | 25.3  | 26.2  | 27.5  |       |
|       | S/T   | 1.00  | 1.00  | 0.93  | 0.8   | 1.00  | 1.00  | 0.94  | 0.8   | 1.00  | 1.00  | 0.97  | 0.8   | 1.00  | 1.00  | 0.99  | 0.8   | 1.00  | 1.00  | 1.00  | 0.9   | 1.00  | 1.00  | 1.00  | 0.9   |       |
|       | ΔT    | 28.93 | 27.16 | 23.84 | 20.4  | 28.89 | 27.11 | 23.79 | 20.4  | 29.14 | 27.36 | 24.04 | 20.6  | 28.87 | 27.09 | 23.77 | 20.3  | 28.63 | 26.85 | 23.54 | 20.1  | 29.74 | 27.97 | 24.65 | 21.2  |       |
|       | kW    | 1.95  | 1.95  | 1.94  | 2.0   | 2.18  | 2.18  | 2.18  | 2.2   | 2.44  | 2.44  | 2.44  | 2.5   | 2.73  | 2.72  | 2.72  | 2.7   | 3.04  | 3.04  | 3.04  | 3.1   | 3.41  | 3.41  | 3.41  | 3.4   |       |
|       | Amps  | 7.60  | 7.59  | 7.57  | 7.7   | 8.67  | 8.66  | 8.64  | 8.7   | 9.86  | 9.86  | 9.84  | 9.9   | 11.16 | 11.15 | 11.13 | 11.2  | 12.60 | 12.60 | 12.58 | 12.7  | 14.30 | 14.29 | 14.27 | 14.4  |       |
|       | Hi PR | 260   | 261   | 263   | 267.7 | 301   | 302   | 303   | 307.9 | 343   | 344   | 346   | 350.1 | 388   | 389   | 391   | 395.5 | 437   | 438   | 440   | 444.4 | 489   | 490   | 492   | 496.7 |       |
|       | Lo PR | 130   | 132   | 135   | 140.3 | 138   | 139   | 143   | 147.9 | 145   | 146   | 149   | 154.6 | 150   | 152   | 155   | 160.2 | 156   | 157   | 160   | 165.8 | 163   | 164   | 167   | 172.7 |       |



|      |         | OUTDOOR AMBIENT TEMPERATURE          |       |       |       |     |       |       |       |      |       |       |       |     |       |       |       |      |       |       |       |     |       |       |       |      |       |       |       |     |       |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|------|---------|--------------------------------------|-------|-------|-------|-----|-------|-------|-------|------|-------|-------|-------|-----|-------|-------|-------|------|-------|-------|-------|-----|-------|-------|-------|------|-------|-------|-------|-----|-------|-------|-------|-------|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|
|      |         | 65°F                                 |       |       |       |     |       |       |       | 75°F |       |       |       |     |       |       |       | 85°F |       |       |       |     |       |       |       | 95°F |       |       |       |     |       |       |       | 105°F |  |  |  |  |  |  |  | 115°F |  |  |  |  |  |  |  |
|      |         | ENTERING INDOOR WET BULB TEMPERATURE |       |       |       |     |       |       |       |      |       |       |       |     |       |       |       |      |       |       |       |     |       |       |       |      |       |       |       |     |       |       |       |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| IDB  | AIRFLOW | 59                                   | 63    | 67    | 71    | 59  | 63    | 67    | 71    | 59   | 63    | 67    | 71    | 59  | 63    | 67    | 71    | 59   | 63    | 67    | 71    | 59  | 63    | 67    | 71    | 59   | 63    | 67    | 71    | 59  | 63    | 67    | 71    |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| 70   | 1050    | MBh                                  | 34.8  | 35.3  | 36.3  | -   | 34.5  | 35.0  | 36.0  | -    | 33.6  | 34.1  | 35.1  | -   | 32.0  | 32.5  | 33.5  | -    | 30.1  | 30.6  | 31.6  | -   | 28.4  | 28.8  | 29.9  | -    | 28.4  | 28.8  | 29.9  | -   | 28.4  | 28.8  | 29.9  | -     |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | S/T                                  | 0.64  | 0.56  | 0.41  | -   | 0.64  | 0.56  | 0.42  | -    | 0.67  | 0.59  | 0.45  | -   | 0.69  | 0.61  | 0.47  | -    | 1.00  | 0.63  | 0.49  | -   | 1.00  | 0.69  | 0.54  | -    | 1.00  | 0.69  | 0.54  | -   | 1.00  | 0.69  | 0.54  | -     |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | ΔT                                   | 19.26 | 17.47 | 14.15 | -   | 19.21 | 17.43 | 14.10 | -    | 19.46 | 17.68 | 14.35 | -   | 19.19 | 17.41 | 14.08 | -    | 18.95 | 17.17 | 13.84 | -   | 20.07 | 18.28 | 14.96 | -    | 20.07 | 18.28 | 14.96 | -   | 20.07 | 18.28 | 14.96 | -     |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | kW                                   | 2.31  | 2.30  | 2.30  | -   | 2.59  | 2.59  | 2.58  | -    | 2.90  | 2.90  | 2.90  | -   | 3.24  | 3.24  | 3.24  | -    | 3.63  | 3.62  | 3.62  | -   | 4.07  | 4.07  | 4.07  | -    | 4.07  | 4.07  | 4.07  | -   | 4.07  | 4.07  | 4.07  | -     |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | Amps                                 | 9.59  | 9.58  | 9.56  | -   | 10.89 | 10.88 | 10.86 | -    | 12.33 | 12.32 | 12.30 | -   | 13.89 | 13.88 | 13.86 | -    | 15.64 | 15.63 | 15.61 | -   | 17.69 | 17.68 | 17.66 | -    | 17.69 | 17.68 | 17.66 | -   | 17.69 | 17.68 | 17.66 | -     |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Hi PR   | 269                                  | 270   | 272   | -     | 312 | 313   | 315   | -     | 356  | 357   | 359   | -     | 404 | 405   | 407   | -     | 456  | 457   | 459   | -     | 511 | 512   | 514   | -     | 511  | 512   | 514   | -     | 511 | 512   | 514   | -     |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Lo PR   | 122                                  | 124   | 127   | -     | 129 | 131   | 134   | -     | 136  | 137   | 141   | -     | 141 | 143   | 146   | -     | 147  | 148   | 152   | -     | 154 | 155   | 158   | -     | 154  | 155   | 158   | -     | 154 | 155   | 158   | -     |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| 70   | 1200    | MBh                                  | 35.3  | 35.7  | 36.8  | -   | 34.9  | 35.4  | 36.5  | -    | 34.0  | 34.5  | 35.6  | -   | 32.5  | 33.0  | 34.0  | -    | 30.6  | 31.0  | 32.1  | -   | 28.8  | 29.3  | 30.3  | -    | 28.8  | 29.3  | 30.3  | -   | 28.8  | 29.3  | 30.3  | -     |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | S/T                                  | 0.70  | 0.62  | 0.48  | -   | 0.71  | 0.63  | 0.48  | -    | 0.73  | 0.65  | 0.51  | -   | 1.00  | 0.67  | 0.53  | -    | 1.00  | 0.70  | 0.55  | -   | 1.00  | 0.75  | 0.61  | -    | 1.00  | 0.75  | 0.61  | -   | 1.00  | 0.75  | 0.61  | -     |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | ΔT                                   | 18.18 | 16.40 | 13.07 | -   | 18.13 | 16.35 | 13.03 | -    | 18.38 | 16.60 | 13.28 | -   | 18.11 | 16.33 | 13.01 | -    | 17.87 | 16.09 | 12.77 | -   | 18.99 | 17.21 | 13.88 | -    | 18.99 | 17.21 | 13.88 | -   | 18.99 | 17.21 | 13.88 | -     |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | kW                                   | 2.32  | 2.32  | 2.31  | -   | 2.60  | 2.60  | 2.60  | -    | 2.92  | 2.92  | 2.91  | -   | 3.26  | 3.26  | 3.25  | -    | 3.64  | 3.64  | 3.63  | -   | 4.09  | 4.09  | 4.08  | -    | 4.09  | 4.09  | 4.08  | -   | 4.09  | 4.09  | 4.08  | -     |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | Amps                                 | 9.66  | 9.65  | 9.63  | -   | 10.96 | 10.95 | 10.92 | -    | 12.40 | 12.39 | 12.37 | -   | 13.96 | 13.95 | 13.93 | -    | 15.71 | 15.70 | 15.67 | -   | 17.76 | 17.74 | 17.72 | -    | 17.76 | 17.74 | 17.72 | -   | 17.76 | 17.74 | 17.72 | -     |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Hi PR   | 271                                  | 273   | 274   | -     | 314 | 315   | 317   | -     | 358  | 360   | 361   | -     | 406 | 407   | 409   | -     | 458  | 459   | 461   | -     | 513 | 514   | 516   | -     | 513  | 514   | 516   | -     | 513 | 514   | 516   | -     |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Lo PR   | 124                                  | 125   | 128   | -     | 131 | 133   | 136   | -     | 138  | 139   | 142   | -     | 143 | 145   | 148   | -     | 149  | 150   | 153   | -     | 155 | 157   | 160   | -     | 155  | 157   | 160   | -     | 155 | 157   | 160   | -     |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| 1350 | 1350    | MBh                                  | 35.8  | 36.3  | 37.3  | -   | 35.5  | 36.0  | 37.0  | -    | 34.6  | 35.1  | 36.1  | -   | 33.0  | 33.5  | 34.5  | -    | 31.1  | 31.6  | 32.6  | -   | 29.4  | 29.9  | 30.9  | -    | 29.4  | 29.9  | 30.9  | -   | 29.4  | 29.9  | 30.9  | -     |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | S/T                                  | 0.73  | 0.65  | 0.51  | -   | 0.74  | 0.66  | 0.52  | -    | 0.77  | 0.69  | 0.54  | -   | 1.00  | 0.71  | 0.57  | -    | 1.00  | 0.73  | 0.59  | -   | 1.00  | 0.78  | 0.64  | -    | 1.00  | 0.78  | 0.64  | -   | 1.00  | 0.78  | 0.64  | -     |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | ΔT                                   | 17.27 | 15.49 | 12.17 | -   | 17.23 | 15.44 | 12.12 | -    | 17.48 | 15.69 | 12.37 | -   | 17.21 | 15.43 | 12.10 | -    | 16.97 | 15.19 | 11.86 | -   | 18.08 | 16.30 | 12.98 | -    | 18.08 | 16.30 | 12.98 | -   | 18.08 | 16.30 | 12.98 | -     |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | kW                                   | 2.33  | 2.33  | 2.33  | -   | 2.61  | 2.61  | 2.61  | -    | 2.93  | 2.93  | 2.92  | -   | 3.27  | 3.27  | 3.26  | -    | 3.65  | 3.65  | 3.65  | -   | 4.10  | 4.10  | 4.09  | -    | 4.10  | 4.10  | 4.09  | -   | 4.10  | 4.10  | 4.09  | -     |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | Amps                                 | 9.72  | 9.71  | 9.69  | -   | 11.01 | 11.00 | 10.98 | -    | 12.46 | 12.45 | 12.42 | -   | 14.02 | 14.01 | 13.99 | -    | 15.76 | 15.75 | 15.73 | -   | 17.81 | 17.80 | 17.78 | -    | 17.81 | 17.80 | 17.78 | -   | 17.81 | 17.80 | 17.78 | -     |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Hi PR   | 274                                  | 275   | 277   | -     | 316 | 317   | 319   | -     | 361  | 362   | 364   | -     | 409 | 410   | 412   | -     | 460  | 461   | 463   | -     | 515 | 516   | 518   | -     | 515  | 516   | 518   | -     | 515 | 516   | 518   | -     |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Lo PR   | 126                                  | 127   | 130   | -     | 133 | 135   | 138   | -     | 140  | 141   | 144   | -     | 145 | 147   | 150   | -     | 151  | 152   | 155   | -     | 157 | 159   | 162   | -     | 157  | 159   | 162   | -     | 157 | 159   | 162   | -     |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |

|      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |              |       |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1050 | MBh   | 34.8  | 35.3  | 36.3  | 37.9  | 34.5  | 35.0  | 36.0  | 37.6  | 33.6  | 34.1  | 35.1  | 36.7  | 32.0  | 32.5         | 33.6  | 35.2  | 30.1  | 30.6  | 31.7  | 33.2  | 28.4  | 28.9  | 29.9  | 31.5  |
|      | S/T   | 0.77  | 0.69  | 0.55  | 0.4   | 0.78  | 0.70  | 0.56  | 0.4   | 1.00  | 0.72  | 0.58  | 0.4   | 1.00  | 0.74         | 0.60  | 0.5   | 1.00  | 0.77  | 0.63  | 0.5   | 1.00  | 1.00  | 0.68  | 0.5   |
|      | ΔT    | 23.17 | 21.39 | 18.07 | 14.6  | 23.12 | 21.34 | 18.02 | 14.6  | 23.37 | 21.59 | 18.27 | 14.8  | 23.10 | 21.32        | 18.00 | 14.6  | 22.87 | 21.09 | 17.76 | 14.3  | 23.98 | 22.20 | 18.88 | 15.4  |
|      | kW    | 2.30  | 2.30  | 2.30  | 2.3   | 2.59  | 2.58  | 2.58  | 2.6   | 2.90  | 2.90  | 2.89  | 2.9   | 3.24  | 3.24         | 3.24  | 3.3   | 3.62  | 3.62  | 3.62  | 3.6   | 4.07  | 4.07  | 4.06  | 4.1   |
|      | Amps  | 9.59  | 9.58  | 9.55  | 9.7   | 10.88 | 10.87 | 10.85 | 10.9  | 12.32 | 12.31 | 12.29 | 12.4  | 13.89 | 13.88        | 13.85 | 14.0  | 15.63 | 15.62 | 15.60 | 15.7  | 17.68 | 17.67 | 17.65 | 17.7  |
| 1200 | Hi PR | 269   | 271   | 272   | 277.1 | 312   | 313   | 315   | 319.6 | 356   | 358   | 359   | 364.1 | 404   | 405          | 407   | 412.0 | 456   | 457   | 459   | 463.6 | 511   | 512   | 514   | 518.8 |
|      | Lo PR | 122   | 124   | 127   | 131.9 | 130   | 131   | 134   | 139.3 | 136   | 138   | 141   | 145.8 | 142   | 143          | 146   | 151.3 | 147   | 148   | 152   | 156.7 | 154   | 155   | 158   | 163.5 |
|      | MBh   | 35.3  | 35.8  | 36.8  | 38.4  | 35.0  | 35.5  | 36.5  | 38.1  | 34.1  | 34.5  | 35.6  | 37.2  | 32.5  | <b>33.0</b>  | 34.0  | 35.6  | 30.6  | 31.1  | 32.1  | 33.7  | 28.8  | 29.3  | 30.4  | 32.0  |
|      | S/T   | 0.83  | 0.75  | 0.61  | 0.5   | 0.84  | 0.76  | 0.62  | 0.5   | 1.00  | 0.79  | 0.64  | 0.5   | 1.00  | <b>0.81</b>  | 0.67  | 0.5   | 1.00  | 0.83  | 0.69  | 0.5   | 1.00  | 1.00  | 0.74  | 0.6   |
|      | ΔT    | 22.09 | 20.31 | 16.99 | 13.5  | 22.05 | 20.27 | 16.94 | 13.5  | 22.30 | 20.52 | 17.19 | 13.7  | 22.03 | <b>20.25</b> | 16.92 | 13.5  | 21.79 | 20.01 | 16.68 | 13.2  | 22.90 | 21.12 | 17.80 | 14.4  |
| 1350 | kW    | 2.32  | 2.32  | 2.31  | 2.3   | 2.60  | 2.60  | 2.59  | 2.6   | 2.92  | 2.91  | 2.91  | 2.9   | 3.26  | <b>3.26</b>  | 3.25  | 3.3   | 3.64  | 3.64  | 3.63  | 3.7   | 4.09  | 4.08  | 4.08  | 4.1   |
|      | Amps  | 9.65  | 9.64  | 9.62  | 9.7   | 10.95 | 10.94 | 10.91 | 11.0  | 12.39 | 12.38 | 12.36 | 12.5  | 13.95 | <b>13.94</b> | 13.92 | 14.0  | 15.70 | 15.69 | 15.67 | 15.8  | 17.75 | 17.74 | 17.71 | 17.8  |
|      | Hi PR | 272   | 273   | 275   | 279.4 | 314   | 315   | 317   | 321.9 | 359   | 360   | 362   | 366.4 | 407   | <b>408</b>   | 410   | 414.3 | 458   | 459   | 461   | 465.9 | 513   | 514   | 516   | 521.1 |
|      | Lo PR | 124   | 125   | 129   | 133.7 | 131   | 133   | 136   | 141.1 | 138   | 139   | 142   | 147.6 | 143   | <b>145</b>   | 148   | 153.1 | 149   | 150   | 153   | 158.5 | 155   | 157   | 160   | 165.3 |
|      | MBh   | 35.8  | 36.3  | 37.4  | 38.9  | 35.5  | 36.0  | 37.0  | 38.6  | 34.6  | 35.1  | 36.1  | 37.7  | 33.0  | 33.5         | 34.6  | 36.2  | 31.1  | 31.6  | 32.7  | 34.2  | 29.4  | 29.9  | 30.9  | 32.5  |
| 1350 | S/T   | 0.87  | 0.79  | 0.65  | 0.5   | 1.00  | 0.80  | 0.65  | 0.5   | 1.00  | 0.82  | 0.68  | 0.5   | 1.00  | 0.84         | 0.70  | 0.6   | 1.00  | 0.87  | 0.72  | 0.6   | 1.00  | 1.00  | 0.78  | 0.6   |
|      | ΔT    | 21.19 | 19.41 | 16.08 | 12.6  | 21.14 | 19.36 | 16.03 | 12.6  | 21.39 | 19.61 | 16.29 | 12.8  | 21.12 | 19.34        | 16.02 | 12.6  | 20.88 | 19.10 | 15.78 | 12.3  | 22.00 | 20.22 | 16.89 | 13.4  |
|      | kW    | 2.33  | 2.33  | 2.32  | 2.3   | 2.61  | 2.61  | 2.61  | 2.6   | 2.93  | 2.93  | 2.92  | 2.9   | 3.27  | 3.27         | 3.26  | 3.3   | 3.65  | 3.65  | 3.64  | 3.7   | 4.10  | 4.10  | 4.09  | 4.1   |
|      | Amps  | 9.71  | 9.70  | 9.68  | 9.8   | 11.00 | 10.99 | 10.97 | 11.1  | 12.45 | 12.44 | 12.41 | 12.5  | 14.01 | 14.00        | 13.98 | 14.1  | 15.75 | 15.74 | 15.72 | 15.8  | 17.80 | 17.79 | 17.77 | 17.9  |
|      | Hi PR | 274   | 275   | 277   | 281.6 | 316   | 318   | 319   | 324.1 | 361   | 362   | 364   | 368.6 | 409   | 410          | 412   | 416.5 | 460   | 462   | 463   | 468.2 | 516   | 517   | 519   | 523.3 |
|      | Lo PR | 126   | 127   | 130   | 135.7 | 133   | 135   | 138   | 143.1 | 140   | 141   | 144   | 149.6 | 145   | 147          | 150   | 155.1 | 151   | 152   | 155   | 160.5 | 157   | 159   | 162   | 167.3 |

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction access fittings.  
 Shaded area reflects ACCA (TVA) conditions  
 kW = Total system power  
 Amps = outdoor unit amps (comp.+fan)



|                                                                                |      | OUTDOOR AMBIENT TEMPERATURE          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                         |  |
|--------------------------------------------------------------------------------|------|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------------|--|
|                                                                                |      | 65°F                                 |       |       |       | 75°F  |       |       |       | 85°F  |       |       |       | 95°F  |       |       |       | 105°F |       |       |       | 115°F |       |       |       |                         |  |
|                                                                                |      | 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                      |  |
| IDB                                                                            | 1050 | MBh                                  | 35.0  | 35.5  | 36.5  | 38.1  | 34.7  | 35.2  | 36.2  | 37.8  | 33.8  | 34.3  | 35.3  | 36.9  | 32.2  | 32.7  | 33.7  | 35.3  | 30.3  | 30.8  | 31.8  | 33.4  | 28.6  | 29.0  | 30.1  | 31.7                    |  |
|                                                                                |      | S/T                                  | 1.00  | 0.82  | 0.68  | 0.5   | 1.00  | 0.83  | 0.69  | 0.5   | 1.00  | 0.86  | 0.71  | 0.6   | 1.00  | 0.88  | 0.73  | 0.6   | 1.00  | 1.00  | 0.76  | 0.6   | 1.00  | 1.00  | 0.81  | 0.7                     |  |
|                                                                                |      | ΔT                                   | 27.11 | 25.33 | 22.01 | 18.6  | 27.06 | 25.28 | 21.96 | 18.5  | 27.31 | 25.53 | 22.21 | 18.8  | 27.05 | 25.27 | 21.94 | 18.5  | 26.81 | 25.03 | 21.70 | 18.3  | 27.92 | 26.14 | 22.82 | 19.4                    |  |
|                                                                                |      | kW                                   | 2.30  | 2.30  | 2.30  | 2.3   | 2.59  | 2.59  | 2.58  | 2.6   | 2.90  | 2.90  | 2.90  | 2.9   | 3.24  | 3.24  | 3.24  | 3.3   | 3.63  | 3.62  | 3.62  | 3.6   | 4.07  | 4.07  | 4.07  | 4.1                     |  |
|                                                                                |      | Amps                                 | 9.59  | 9.58  | 9.56  | 9.7   | 10.89 | 10.88 | 10.85 | 11.0  | 12.33 | 12.32 | 12.30 | 12.4  | 13.89 | 13.88 | 13.86 | 14.0  | 15.64 | 15.63 | 15.61 | 15.7  | 17.69 | 17.68 | 17.65 | 17.8                    |  |
|                                                                                |      | Hi PR                                | 270   | 271   | 273   | 277.6 | 312   | 314   | 315   | 320.1 | 357   | 358   | 360   | 364.6 | 405   | 406   | 408   | 412.5 | 456   | 458   | 459   | 464.1 | 512   | 513   | 515   | 519.3                   |  |
| 80                                                                             | 1200 | Lo PR                                | 123   | 124   | 127   | 132.4 | 130   | 132   | 135   | 139.9 | 137   | 138   | 141   | 146.4 | 142   | 144   | 147   | 151.9 | 147   | 149   | 152   | 157.3 | 154   | 156   | 159   | 164.0                   |  |
|                                                                                |      | MBh                                  | 35.5  | 35.9  | 37.0  | 38.6  | 35.1  | 35.6  | 36.7  | 38.3  | 34.2  | 34.7  | 35.8  | 37.4  | 32.7  | 33.2  | 34.2  | 35.8  | 30.8  | 31.2  | 32.3  | 33.9  | 29.0  | 29.5  | 30.5  | 32.1                    |  |
|                                                                                |      | S/T                                  | 1.00  | 0.89  | 0.74  | 0.6   | 1.00  | 0.89  | 0.75  | 0.6   | 1.00  | 0.92  | 0.78  | 0.6   | 1.00  | 1.00  | 0.80  | 0.6   | 1.00  | 1.00  | 0.82  | 0.7   | 1.00  | 1.00  | 0.87  | 0.7                     |  |
|                                                                                |      | ΔT                                   | 26.04 | 24.26 | 20.93 | 17.5  | 25.99 | 24.21 | 20.88 | 17.4  | 26.24 | 24.46 | 21.13 | 17.7  | 25.97 | 24.19 | 20.86 | 17.4  | 25.73 | 23.95 | 20.63 | 17.2  | 26.85 | 25.07 | 21.74 | 18.3                    |  |
|                                                                                |      | kW                                   | 2.32  | 2.32  | 2.31  | 2.3   | 2.60  | 2.60  | 2.60  | 2.6   | 2.92  | 2.92  | 2.91  | 2.9   | 3.26  | 3.26  | 3.25  | 3.3   | 3.64  | 3.64  | 3.63  | 3.7   | 4.09  | 4.09  | 4.08  | 4.1                     |  |
|                                                                                |      | Amps                                 | 9.66  | 9.65  | 9.63  | 9.7   | 10.95 | 10.94 | 10.92 | 11.0  | 12.40 | 12.39 | 12.37 | 12.5  | 13.96 | 13.95 | 13.93 | 14.0  | 15.71 | 15.70 | 15.67 | 15.8  | 17.75 | 17.74 | 17.72 | 17.8                    |  |
| 80                                                                             | 1350 | Hi PR                                | 272   | 273   | 275   | 279.9 | 315   | 316   | 318   | 322.4 | 359   | 360   | 362   | 366.9 | 407   | 408   | 410   | 414.8 | 459   | 460   | 462   | 466.4 | 514   | 515   | 517   | 521.6                   |  |
|                                                                                |      | Lo PR                                | 124   | 126   | 129   | 134.2 | 132   | 133   | 136   | 141.7 | 138   | 140   | 143   | 148.2 | 144   | 145   | 148   | 153.7 | 149   | 151   | 154   | 159.1 | 156   | 158   | 161   | 165.8                   |  |
|                                                                                |      | MBh                                  | 36.0  | 36.5  | 37.5  | 39.1  | 35.7  | 36.2  | 37.2  | 38.8  | 34.8  | 35.3  | 36.3  | 37.9  | 33.2  | 33.7  | 34.7  | 36.3  | 31.3  | 31.8  | 32.8  | 34.4  | 29.6  | 30.1  | 31.1  | 32.7                    |  |
|                                                                                |      | S/T                                  | 1.00  | 0.92  | 0.78  | 0.6   | 1.00  | 0.93  | 0.79  | 0.6   | 1.00  | 0.95  | 0.81  | 0.7   | 1.00  | 1.00  | 0.83  | 0.7   | 1.00  | 1.00  | 0.86  | 0.7   | 1.00  | 1.00  | 0.91  | 0.8                     |  |
|                                                                                |      | ΔT                                   | 25.13 | 23.35 | 20.03 | 16.6  | 25.08 | 23.30 | 19.98 | 16.5  | 25.33 | 23.55 | 20.23 | 16.8  | 25.06 | 23.28 | 19.96 | 16.5  | 24.83 | 23.05 | 19.72 | 16.3  | 25.94 | 24.16 | 20.84 | 17.4                    |  |
|                                                                                |      | kW                                   | 2.33  | 2.33  | 2.32  | 2.3   | 2.61  | 2.61  | 2.61  | 2.6   | 2.93  | 2.93  | 2.92  | 2.9   | 3.27  | 3.27  | 3.26  | 3.3   | 3.65  | 3.65  | 3.65  | 3.7   | 4.10  | 4.10  | 4.09  | 4.1                     |  |
| 85                                                                             | 1050 | Amps                                 | 9.72  | 9.71  | 9.68  | 9.8   | 11.01 | 11.00 | 10.98 | 11.1  | 12.45 | 12.44 | 12.42 | 12.5  | 14.02 | 14.01 | 13.98 | 14.1  | 15.76 | 15.75 | 15.73 | 15.8  | 17.81 | 17.80 | 17.78 | 17.9                    |  |
|                                                                                |      | Hi PR                                | 274   | 276   | 277   | 282.1 | 317   | 318   | 320   | 324.6 | 361   | 363   | 364   | 369.1 | 409   | 410   | 412   | 417.0 | 461   | 462   | 464   | 468.7 | 516   | 517   | 519   | 523.8                   |  |
|                                                                                |      | Lo PR                                | 126   | 128   | 131   | 136.2 | 134   | 135   | 138   | 143.7 | 140   | 142   | 145   | 150.2 | 146   | 147   | 150   | 155.7 | 151   | 153   | 156   | 161.1 | 158   | 160   | 163   | 167.8                   |  |
|                                                                                |      | MBh                                  | 35.6  | 36.1  | 37.1  | 38.7  | 35.3  | 35.8  | 36.8  | 38.4  | 34.4  | 34.9  | 35.9  | 37.5  | 32.8  | 33.3  | 34.3  | 35.9  | 30.9  | 31.4  | 32.4  | 34.0  | 29.1  | 29.6  | 30.7  | 32.3                    |  |
|                                                                                |      | S/T                                  | 1.00  | 0.93  | 0.79  | 0.6   | 1.00  | 0.94  | 0.79  | 0.6   | 1.00  | 1.00  | 0.82  | 0.7   | 1.00  | 1.00  | 0.84  | 0.7   | 1.00  | 1.00  | 0.86  | 0.7   | 1.00  | 1.00  | 1.00  | 0.8                     |  |
|                                                                                |      | ΔT                                   | 30.61 | 28.83 | 25.50 | 22.1  | 30.56 | 28.78 | 25.45 | 22.0  | 30.81 | 29.03 | 25.70 | 22.3  | 30.54 | 28.76 | 25.44 | 22.0  | 30.30 | 28.52 | 25.20 | 21.8  | 31.42 | 29.64 | 26.31 | 22.9                    |  |
| 85                                                                             | 1200 | kW                                   | 2.31  | 2.31  | 2.30  | 2.3   | 2.59  | 2.59  | 2.59  | 2.6   | 2.91  | 2.91  | 2.90  | 2.9   | 3.25  | 3.25  | 3.24  | 3.3   | 3.63  | 3.63  | 3.62  | 3.6   | 4.08  | 4.08  | 4.07  | 4.1                     |  |
|                                                                                |      | Amps                                 | 9.62  | 9.61  | 9.59  | 9.7   | 10.91 | 10.90 | 10.88 | 11.0  | 12.36 | 12.35 | 12.32 | 12.4  | 13.92 | 13.91 | 13.89 | 14.0  | 15.66 | 15.65 | 15.63 | 15.7  | 17.71 | 17.70 | 17.68 | 17.8                    |  |
|                                                                                |      | Hi PR                                | 271   | 272   | 274   | 278.9 | 314   | 315   | 317   | 321.4 | 358   | 359   | 361   | 365.8 | 406   | 407   | 409   | 413.8 | 458   | 459   | 461   | 465.4 | 513   | 514   | 516   | 520.5                   |  |
|                                                                                |      | Lo PR                                | 124   | 126   | 129   | 134.3 | 132   | 133   | 137   | 141.7 | 138   | 140   | 143   | 148.2 | 144   | 145   | 149   | 153.7 | 149   | 151   | 154   | 159.1 | 156   | 158   | 161   | 165.9                   |  |
|                                                                                |      | MBh                                  | 36.0  | 36.5  | 37.6  | 39.2  | 35.7  | 36.2  | 37.3  | 38.8  | 34.8  | 35.3  | 36.3  | 37.9  | 33.3  | 33.7  | 34.8  | 36.4  | 31.3  | 31.8  | 32.9  | 34.5  | 29.6  | 30.1  | 31.1  | 32.7                    |  |
|                                                                                |      | S/T                                  | 1.00  | 0.99  | 0.85  | 0.7   | 1.00  | 1.00  | 0.86  | 0.7   | 1.00  | 1.00  | 0.88  | 0.7   | 1.00  | 1.00  | 0.90  | 0.8   | 1.00  | 1.00  | 0.93  | 0.8   | 1.00  | 1.00  | 1.00  | 0.8                     |  |
| 85                                                                             | 1350 | ΔT                                   | 29.53 | 27.75 | 24.43 | 21.0  | 29.48 | 27.70 | 24.38 | 20.9  | 29.73 | 27.95 | 24.63 | 21.2  | 29.47 | 27.69 | 24.36 | 20.9  | 29.23 | 27.45 | 24.12 | 20.7  | 30.34 | 28.56 | 25.24 | 21.8                    |  |
|                                                                                |      | kW                                   | 2.32  | 2.32  | 2.32  | 2.3   | 2.61  | 2.61  | 2.60  | 2.6   | 2.92  | 2.92  | 2.92  | 2.9   | 3.26  | 3.26  | 3.26  | 3.3   | 3.65  | 3.64  | 3.64  | 3.7   | 4.09  | 4.09  | 4.09  | 4.1                     |  |
|                                                                                |      | Amps                                 | 9.69  | 9.68  | 9.65  | 9.8   | 10.98 | 10.97 | 10.95 | 11.0  | 12.42 | 12.41 | 12.39 | 12.5  | 13.98 | 13.97 | 13.95 | 14.1  | 15.73 | 15.72 | 15.70 | 15.8  | 17.78 | 17.77 | 17.75 | 17.8                    |  |
|                                                                                |      | Hi PR                                | 273   | 275   | 276   | 281.2 | 316   | 317   | 319   | 323.6 | 360   | 362   | 363   | 368.1 | 408   | 409   | 411   | 416.0 | 460   | 461   | 463   | 467.7 | 515   | 516   | 518   | 522.8                   |  |
|                                                                                |      | Lo PR                                | 126   | 128   | 131   | 136.1 | 134   | 135   | 138   | 143.5 | 140   | 142   | 145   | 150.0 | 146   | 147   | 150   | 155.5 | 151   | 153   | 156   | 160.9 | 158   | 159   | 162   | 167.7                   |  |
|                                                                                |      | MBh                                  | 36.6  | 37.1  | 38.1  | 39.7  | 36.3  | 36.8  | 37.8  | 39.4  | 35.4  | 35.9  | 36.9  | 38.5  | 33.8  | 34.3  | 35.3  | 36.9  | 31.9  | 32.4  | 33.4  | 35.0  | 30.1  | 30.6  | 31.7  | 33.3                    |  |
| 85                                                                             | 1350 | S/T                                  | 1.00  | 1.00  | 0.89  | 0.7   | 1.00  | 1.00  | 0.89  | 0.7   | 1.00  | 1.00  | 0.92  | 0.8   | 1.00  | 1.00  | 0.94  | 0.8   | 1.00  | 1.00  | 0.96  | 0.8   | 1.00  | 1.00  | 1.00  | 0.9                     |  |
|                                                                                |      | ΔT                                   | 28.63 | 26.85 | 23.52 | 20.1  | 28.58 | 26.80 | 23.47 | 20.0  | 28.83 | 27.05 | 23.72 | 20.3  | 28.56 | 26.78 | 23.45 | 20.0  | 28.32 | 26.54 | 23.22 | 19.8  | 29.44 | 27.66 | 24.33 | 20.9                    |  |
|                                                                                |      | kW                                   | 2.34  | 2.34  | 2.33  | 2.4   | 2.62  | 2.62  | 2.61  | 2.6   | 2.94  | 2.93  | 2.93  | 2.9   | 3.28  | 3.27  | 3.27  | 3.3   | 3.66  | 3.66  | 3.65  | 3.7   | 4.11  | 4.10  | 4.10  | 4.1                     |  |
|                                                                                |      | Amps                                 | 9.74  | 9.73  | 9.71  | 9.8   | 11.03 | 11.02 | 11.00 | 11.1  | 12.48 | 12.47 | 12.45 | 12.5  | 14.04 | 14.03 | 14.01 | 14.1  | 15.79 | 15.78 | 15.75 | 15.9  | 17.83 | 17.82 | 17.80 | 17.9                    |  |
|                                                                                |      | Hi PR                                | 276   | 277   | 279   | 283.4 | 318   | 319   | 321   | 325.9 | 363   | 364   | 366   | 370.4 | 411   | 412   | 414   | 418.3 | 462   | 463   | 465   | 469.9 | 517   | 518   | 520   | 525.0                   |  |
|                                                                                |      | Lo PR                                | 128   | 130   | 133   | 138.1 | 136   | 137   | 140   | 145.5 | 142   | 144   | 147   | 152.0 | 148   | 149   | 152   | 157.5 | 153   | 155   | 158   | 162.9 | 160   | 161   | 164   | 169.6                   |  |
| DB: Entering Indoor Dry Bulb Temperature                                       |      | Shaded area reflects AHRI conditions |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | kW = Total system power |  |
| High and low pressures are measured at the liquid and suction access fittings. |      | Amps = outdoor unit amps (comp.+fan) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                         |  |

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

Shaded area reflects AHRI conditions

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

|      |         | OUTDOOR AMBIENT TEMPERATURE          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|------|---------|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----|----|----|--|--|--|--|-------|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|
|      |         | 65°F                                 |       |       |       |       |       |       |       | 75°F  |       |       |       |       |       |       |       | 85°F  |       |       |       |       |       |       |       | 95°F |    |    |    |  |  |  |  | 105°F |  |  |  |  |  |  |  | 115°F |  |  |  |  |  |  |  |
|      |         | ENTERING INDOOR WET BULB TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| IDB  | AIRFLOW | 59                                   | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59   | 63 | 67 | 71 |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| 70   | 1300    | MBh                                  | 41.7  | 42.3  | 43.6  | -     | 41.4  | 42.0  | 43.2  | -     | 40.3  | 40.9  | 42.1  | -     | 38.4  | 39.0  | 40.3  | -     | 36.2  | 36.8  | 38.0  | -     | 34.1  | 34.7  | 35.9  | -    |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | S/T                                  | 0.70  | 0.62  | 0.48  | -     | 1.00  | 0.63  | 0.48  | -     | 1.00  | 0.65  | 0.51  | -     | 1.00  | 0.67  | 0.53  | -     | 1.00  | 1.00  | 0.55  | -     | 1.00  | 1.00  | 0.61  | -    |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | ΔT                                   | 19.64 | 17.72 | 14.13 | -     | 19.59 | 17.67 | 14.07 | -     | 19.86 | 17.94 | 14.34 | -     | 19.57 | 17.65 | 14.05 | -     | 19.31 | 17.39 | 13.80 | -     | 20.52 | 18.59 | 15.00 | -    |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | kW                                   | 2.76  | 2.76  | 2.75  | -     | 3.09  | 3.09  | 3.08  | -     | 3.46  | 3.46  | 3.45  | -     | 3.86  | 3.86  | 3.85  | -     | 4.31  | 4.30  | 4.30  | -     | 4.83  | 4.83  | 4.82  | -    |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | Amps                                 | 11.42 | 11.41 | 11.38 | -     | 12.93 | 12.92 | 12.89 | -     | 14.62 | 14.61 | 14.58 | -     | 16.44 | 16.43 | 16.41 | -     | 18.49 | 18.47 | 18.45 | -     | 20.88 | 20.87 | 20.84 | -    |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Hi PR   | 254                                  | 255   | 257   | -     | 294   | 295   | 297   | -     | 335   | 336   | 338   | -     | 380   | 381   | 383   | -     | 428   | 430   | 431   | -     | 480   | 481   | 483   | -     |      |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Lo PR   | 138                                  | 140   | 143   | -     | 146   | 148   | 151   | -     | 153   | 155   | 159   | -     | 159   | 161   | 165   | -     | 165   | 167   | 171   | -     | 173   | 175   | 178   | -     |      |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | 1400    | MBh                                  | 42.1  | 42.7  | 43.9  | -     | 41.8  | 42.3  | 43.6  | -     | 40.7  | 41.3  | 42.5  | -     | 38.8  | 39.4  | 40.6  | -     | 36.6  | 37.2  | 38.4  | -     | 34.5  | 35.1  | 36.3  | -    |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | S/T                                  | 0.72  | 0.64  | 0.50  | -     | 1.00  | 0.65  | 0.51  | -     | 1.00  | 0.68  | 0.53  | -     | 1.00  | 0.70  | 0.55  | -     | 1.00  | 1.00  | 0.58  | -     | 1.00  | 1.00  | 0.63  | -    |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | ΔT                                   | 19.02 | 17.10 | 13.51 | -     | 18.97 | 17.05 | 13.45 | -     | 19.24 | 17.32 | 13.72 | -     | 18.95 | 17.03 | 13.43 | -     | 18.69 | 16.77 | 13.18 | -     | 19.90 | 17.97 | 14.38 | -    |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| kW   |         | 2.77                                 | 2.77  | 2.76  | -     | 3.10  | 3.10  | 3.09  | -     | 3.47  | 3.47  | 3.46  | -     | 3.87  | 3.87  | 3.86  | -     | 4.31  | 4.31  | 4.31  | -     | 4.84  | 4.83  | 4.83  | -     |      |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| Amps |         | 11.46                                | 11.45 | 11.42 | -     | 12.97 | 12.96 | 12.93 | -     | 14.66 | 14.65 | 14.62 | -     | 16.49 | 16.47 | 16.45 | -     | 18.53 | 18.52 | 18.49 | -     | 20.92 | 20.91 | 20.88 | -     |      |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| 1575 | Hi PR   | 255                                  | 256   | 258   | -     | 295   | 296   | 298   | -     | 337   | 338   | 339   | -     | 381   | 383   | 384   | -     | 430   | 431   | 433   | -     | 481   | 482   | 484   | -     |      |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Lo PR   | 139                                  | 141   | 144   | -     | 147   | 149   | 153   | -     | 155   | 156   | 160   | -     | 161   | 162   | 166   | -     | 167   | 168   | 172   | -     | 174   | 176   | 179   | -     |      |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | MBh     | 42.9                                 | 43.5  | 44.7  | -     | 42.6  | 43.1  | 44.4  | -     | 41.5  | 42.1  | 43.3  | -     | 39.6  | 40.2  | 41.4  | -     | 37.4  | 37.9  | 39.2  | -     | 35.3  | 35.9  | 37.1  | -     |      |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | S/T     | 0.74                                 | 0.66  | 0.52  | -     | 1.00  | 0.67  | 0.53  | -     | 1.00  | 0.70  | 0.56  | -     | 1.00  | 1.00  | 0.58  | -     | 1.00  | 1.00  | 0.60  | -     | 1.00  | 1.00  | 0.65  | -     |      |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | ΔT      | 18.05                                | 16.13 | 12.54 | -     | 18.00 | 16.08 | 12.48 | -     | 18.27 | 16.35 | 12.76 | -     | 17.98 | 16.06 | 12.47 | -     | 17.72 | 15.80 | 12.21 | -     | 18.93 | 17.01 | 13.41 | -     |      |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | kW      | 2.78                                 | 2.78  | 2.78  | -     | 3.11  | 3.11  | 3.11  | -     | 3.48  | 3.48  | 3.48  | -     | 3.88  | 3.88  | 3.87  | -     | 4.33  | 4.33  | 4.32  | -     | 4.85  | 4.85  | 4.84  | -     |      |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Amps    | 11.53                                | 11.51 | 11.49 | -     | 13.04 | 13.03 | 13.00 | -     | 14.73 | 14.71 | 14.69 | -     | 16.55 | 16.54 | 16.51 | -     | 18.59 | 18.58 | 18.55 | -     | 20.99 | 20.97 | 20.95 | -     |      |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Hi PR   | 257                                  | 259   | 260   | -     | 297   | 298   | 300   | -     | 339   | 340   | 342   | -     | 384   | 385   | 387   | -     | 432   | 433   | 435   | -     | 484   | 485   | 486   | -     |      |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Lo PR   | 142                                  | 143   | 147   | -     | 150   | 152   | 155   | -     | 157   | 159   | 162   | -     | 163   | 165   | 169   | -     | 169   | 171   | 175   | -     | 177   | 179   | 182   | -     |      |    |    |    |  |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |

|      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |              |       |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 75   | MBh   | 41.8  | 42.4  | 43.6  | 45.5  | 41.4  | 42.0  | 43.2  | 45.1  | 40.3  | 40.9  | 42.1  | 44.0  | 38.5  | <b>39.1</b>  | 40.3  | 42.2  | 36.2  | 36.8  | 38.0  | 39.9  | 34.1  | 34.7  | 36.0  | 37.8  |
|      | S/T   | 1.00  | 0.75  | 0.61  | 0.5   | 1.00  | 0.76  | 0.62  | 0.5   | 1.00  | 1.00  | 0.64  | 0.5   | 1.00  | <b>1.00</b>  | 0.67  | 0.5   | 1.00  | 1.00  | 0.69  | 0.5   | 1.00  | 1.00  | 1.00  | 0.6   |
|      | ΔT    | 23.87 | 21.95 | 18.36 | 14.6  | 23.82 | 21.90 | 18.30 | 14.6  | 24.09 | 22.17 | 18.57 | 14.9  | 23.80 | <b>21.88</b> | 18.28 | 14.6  | 23.54 | 21.62 | 18.03 | 14.3  | 24.75 | 22.82 | 19.23 | 15.5  |
|      | kW    | 2.76  | 2.76  | 2.75  | 2.8   | 3.09  | 3.09  | 3.08  | 3.1   | 3.46  | 3.46  | 3.45  | 3.5   | 3.86  | <b>3.85</b>  | 3.85  | 3.9   | 4.30  | 4.30  | 4.29  | 4.3   | 4.83  | 4.82  | 4.82  | 4.8   |
|      | Amps  | 11.41 | 11.40 | 11.37 | 11.5  | 12.92 | 12.91 | 12.88 | 13.0  | 14.61 | 14.60 | 14.57 | 14.7  | 16.44 | <b>16.42</b> | 16.40 | 16.5  | 18.48 | 18.46 | 18.44 | 18.6  | 20.87 | 20.86 | 20.83 | 20.9  |
|      | Hi PR | 254   | 255   | 257   | 261.4 | 294   | 295   | 297   | 301.2 | 336   | 337   | 338   | 342.8 | 380   | <b>381</b>   | 383   | 387.6 | 429   | 430   | 432   | 436.0 | 480   | 481   | 483   | 487.5 |
|      | Lo PR | 138   | 140   | 143   | 148.8 | 146   | 148   | 151   | 157.1 | 153   | 155   | 159   | 164.3 | 160   | <b>161</b>   | 165   | 170.4 | 166   | 167   | 171   | 176.4 | 173   | 175   | 178   | 184.0 |
|      | MBh   | 42.2  | 42.7  | 44.0  | 45.8  | 41.8  | 42.4  | 43.6  | 45.5  | 40.7  | 41.3  | 42.5  | 44.4  | 38.9  | 39.4         | 40.7  | 42.6  | 36.6  | 37.2  | 38.4  | 40.3  | 34.5  | 35.1  | 36.3  | 38.2  |
|      | S/T   | 1.00  | 0.78  | 0.64  | 0.5   | 1.00  | 0.79  | 0.64  | 0.5   | 1.00  | 1.00  | 0.67  | 0.5   | 1.00  | 1.00         | 0.69  | 0.5   | 1.00  | 1.00  | 0.71  | 0.6   | 1.00  | 1.00  | 1.00  | 0.6   |
|      | ΔT    | 23.25 | 21.33 | 17.74 | 14.0  | 23.20 | 21.28 | 17.68 | 14.0  | 23.47 | 21.55 | 17.95 | 14.2  | 23.18 | 21.26        | 17.66 | 13.9  | 22.92 | 21.00 | 17.41 | 13.7  | 24.13 | 22.20 | 18.61 | 14.9  |
| 1400 | kW    | 2.77  | 2.77  | 2.76  | 2.8   | 3.10  | 3.10  | 3.09  | 3.1   | 3.47  | 3.46  | 3.46  | 3.5   | 3.87  | 3.86         | 3.86  | 3.9   | 4.31  | 4.31  | 4.30  | 4.3   | 4.84  | 4.83  | 4.83  | 4.9   |
|      | Amps  | 11.45 | 11.44 | 11.41 | 11.5  | 12.96 | 12.95 | 12.93 | 13.0  | 14.65 | 14.64 | 14.61 | 14.7  | 16.48 | 16.46        | 16.44 | 16.6  | 18.52 | 18.51 | 18.48 | 18.6  | 20.91 | 20.90 | 20.87 | 21.0  |
|      | Hi PR | 255   | 257   | 258   | 262.7 | 295   | 296   | 298   | 302.4 | 337   | 338   | 340   | 344.1 | 382   | 383          | 385   | 388.9 | 430   | 431   | 433   | 437.2 | 482   | 483   | 484   | 488.8 |
|      | Lo PR | 139   | 141   | 144   | 150.1 | 147   | 149   | 153   | 158.4 | 155   | 156   | 160   | 165.6 | 161   | 163          | 166   | 171.8 | 167   | 169   | 172   | 177.8 | 174   | 176   | 180   | 185.3 |
|      | MBh   | 42.9  | 43.5  | 44.8  | 46.6  | 42.6  | 43.2  | 44.4  | 46.3  | 41.5  | 42.1  | 43.3  | 45.2  | 39.6  | 40.2         | 41.5  | 43.3  | 37.4  | 38.0  | 39.2  | 41.1  | 35.3  | 35.9  | 37.1  | 39.0  |
|      | S/T   | 1.00  | 0.80  | 0.66  | 0.5   | 1.00  | 0.81  | 0.66  | 0.5   | 1.00  | 1.00  | 0.69  | 0.5   | 1.00  | 1.00         | 0.71  | 0.6   | 1.00  | 1.00  | 0.73  | 0.6   | 1.00  | 1.00  | 1.00  | 0.6   |
|      | ΔT    | 22.28 | 20.36 | 16.77 | 13.0  | 22.23 | 20.31 | 16.72 | 13.0  | 22.50 | 20.58 | 16.99 | 13.3  | 22.21 | 20.29        | 16.70 | 13.0  | 21.95 | 20.03 | 16.44 | 12.7  | 23.16 | 21.24 | 17.64 | 13.9  |
|      | kW    | 2.78  | 2.78  | 2.77  | 2.8   | 3.11  | 3.11  | 3.10  | 3.1   | 3.48  | 3.48  | 3.47  | 3.5   | 3.88  | 3.88         | 3.87  | 3.9   | 4.33  | 4.32  | 4.32  | 4.3   | 4.85  | 4.85  | 4.84  | 4.9   |
|      | Amps  | 11.52 | 11.50 | 11.48 | 11.6  | 13.03 | 13.02 | 12.99 | 13.1  | 14.72 | 14.70 | 14.68 | 14.8  | 16.54 | 16.53        | 16.50 | 16.6  | 18.58 | 18.57 | 18.54 | 18.7  | 20.98 | 20.96 | 20.94 | 21.1  |
|      | Hi PR | 258   | 259   | 261   | 265.0 | 297   | 299   | 300   | 304.7 | 339   | 340   | 342   | 346.3 | 384   | 385          | 387   | 391.2 | 432   | 433   | 435   | 439.5 | 484   | 485   | 487   | 491.1 |
|      | Lo PR | 142   | 143   | 147   | 152.7 | 150   | 152   | 155   | 161.0 | 157   | 159   | 162   | 168.2 | 163   | 165          | 169   | 174.4 | 169   | 171   | 175   | 180.4 | 177   | 179   | 182   | 187.9 |

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

Shaded area reflects ACCA (TVA) conditions

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

|      |         | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
|------|---------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
|      |         | 65°F                        |       |       |       |       | 75°F  |       |       |       |       | 85°F  |       |       |       |       | 95°F  |       |       |       |       | 105°F |       |       |       |       | 115°F |       |       |       |  |
| IDB  | AIRFLOW | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |       |  |
| 80   | 1300    | MBh                         | 42.0  | 42.6  | 43.8  | 45.7  | 41.6  | 42.2  | 43.4  | 45.3  | 40.5  | 41.1  | 42.4  | 44.2  | 38.7  | 39.3  | 40.5  | 42.4  | 36.4  | 37.0  | 38.2  | 40.1  | 34.4  | 34.9  | 36.2  | 38.1  | 34.4  | 34.9  | 36.2  | 38.1  |  |
|      |         | S/T                         | 1.00  | 0.89  | 0.74  | 0.6   | 1.00  | 1.00  | 0.75  | 0.6   | 1.00  | 1.00  | 0.78  | 0.6   | 1.00  | 1.00  | 0.80  | 0.6   | 1.00  | 1.00  | 0.7   | 1.00  | 1.00  | 1.00  | 0.7   | 1.00  | 1.00  | 1.00  | 0.7   |       |  |
|      |         | ΔT                          | 28.13 | 26.21 | 22.61 | 18.9  | 28.08 | 26.15 | 22.56 | 18.8  | 28.35 | 26.42 | 22.83 | 19.1  | 28.06 | 26.13 | 22.54 | 18.8  | 27.80 | 25.88 | 22.29 | 18.6  | 29.01 | 27.08 | 23.49 | 19.8  | 29.01 | 27.08 | 23.49 | 19.8  |  |
|      |         | kW                          | 2.76  | 2.76  | 2.75  | 2.8   | 3.09  | 3.09  | 3.08  | 3.1   | 3.46  | 3.46  | 3.45  | 3.5   | 3.86  | 3.86  | 3.85  | 3.9   | 4.30  | 4.30  | 4.30  | 4.3   | 4.83  | 4.83  | 4.82  | 4.8   | 4.83  | 4.83  | 4.82  | 4.8   |  |
|      |         | Amps                        | 11.42 | 11.41 | 11.38 | 11.5  | 12.93 | 12.92 | 12.89 | 13.0  | 14.62 | 14.60 | 14.58 | 14.7  | 16.44 | 16.43 | 16.41 | 16.5  | 18.48 | 18.47 | 18.45 | 18.6  | 20.88 | 20.87 | 20.84 | 21.0  | 20.88 | 20.87 | 20.84 | 21.0  |  |
|      |         | Hi PR                       | 255   | 256   | 258   | 261.9 | 294   | 295   | 297   | 301.6 | 336   | 337   | 339   | 343.3 | 381   | 382   | 384   | 388.1 | 429   | 430   | 432   | 436.4 | 481   | 482   | 484   | 488.0 | 481   | 482   | 484   | 488.0 |  |
| 80   | 1400    | Lo PR                       | 138   | 140   | 144   | 149.4 | 147   | 148   | 152   | 157.7 | 154   | 156   | 159   | 164.9 | 160   | 162   | 165   | 171.0 | 166   | 168   | 171   | 177.0 | 174   | 175   | 179   | 184.6 | 174   | 175   | 179   | 184.6 |  |
|      |         | MBh                         | 42.4  | 43.0  | 44.2  | 46.1  | 42.0  | 42.6  | 43.8  | 45.7  | 40.9  | 41.5  | 42.7  | 44.6  | 39.1  | 39.7  | 40.9  | 42.8  | 36.8  | 37.4  | 38.6  | 40.5  | 34.7  | 35.3  | 36.6  | 38.4  | 34.7  | 35.3  | 36.6  | 38.4  |  |
|      |         | S/T                         | 1.00  | 0.91  | 0.77  | 0.6   | 1.00  | 1.00  | 0.77  | 0.6   | 1.00  | 1.00  | 0.80  | 0.7   | 1.00  | 1.00  | 0.82  | 0.7   | 1.00  | 1.00  | 0.7   | 1.00  | 1.00  | 1.00  | 0.7   | 1.00  | 1.00  | 1.00  | 0.7   |       |  |
|      |         | ΔT                          | 27.51 | 25.59 | 22.00 | 18.3  | 27.46 | 25.54 | 21.94 | 18.2  | 27.73 | 25.81 | 22.21 | 18.5  | 27.44 | 25.52 | 21.92 | 18.2  | 27.18 | 25.26 | 21.67 | 17.9  | 28.39 | 26.46 | 22.87 | 19.1  | 28.39 | 26.46 | 22.87 | 19.1  |  |
|      |         | kW                          | 2.77  | 2.77  | 2.76  | 2.8   | 3.10  | 3.10  | 3.09  | 3.1   | 3.47  | 3.47  | 3.46  | 3.5   | 3.87  | 3.87  | 3.86  | 3.9   | 4.31  | 4.31  | 4.31  | 4.3   | 4.84  | 4.83  | 4.83  | 4.9   | 4.84  | 4.83  | 4.83  | 4.9   |  |
|      |         | Amps                        | 11.46 | 11.45 | 11.42 | 11.5  | 12.97 | 12.96 | 12.93 | 13.0  | 14.66 | 14.65 | 14.62 | 14.7  | 16.48 | 16.47 | 16.45 | 16.6  | 18.53 | 18.51 | 18.49 | 18.6  | 20.92 | 20.91 | 20.88 | 21.0  | 20.92 | 20.91 | 20.88 | 21.0  |  |
| 1575 | 1575    | Hi PR                       | 256   | 257   | 259   | 263.2 | 296   | 297   | 299   | 302.9 | 337   | 338   | 340   | 344.5 | 382   | 383   | 385   | 389.4 | 430   | 432   | 433   | 437.7 | 482   | 483   | 485   | 489.3 | 482   | 483   | 485   | 489.3 |  |
|      |         | Lo PR                       | 140   | 141   | 145   | 150.7 | 148   | 150   | 153   | 159.0 | 155   | 157   | 160   | 166.2 | 161   | 163   | 167   | 172.4 | 167   | 169   | 173   | 178.4 | 175   | 177   | 180   | 185.9 | 175   | 177   | 180   | 185.9 |  |
|      |         | MBh                         | 43.2  | 43.7  | 45.0  | 46.9  | 42.8  | 43.4  | 44.6  | 46.5  | 41.7  | 42.3  | 43.5  | 45.4  | 39.9  | 40.4  | 41.7  | 43.6  | 37.6  | 38.2  | 39.4  | 41.3  | 35.5  | 36.1  | 37.3  | 39.2  | 35.5  | 36.1  | 37.3  | 39.2  |  |
|      |         | S/T                         | 1.00  | 0.93  | 0.79  | 0.6   | 1.00  | 1.00  | 0.80  | 0.6   | 1.00  | 1.00  | 0.82  | 0.7   | 1.00  | 1.00  | 0.84  | 0.7   | 1.00  | 1.00  | 0.7   | 1.00  | 1.00  | 1.00  | 0.7   | 1.00  | 1.00  | 1.00  | 0.7   |       |  |
|      |         | ΔT                          | 26.54 | 24.62 | 21.03 | 17.3  | 26.49 | 24.57 | 20.97 | 17.3  | 26.76 | 24.84 | 21.24 | 17.5  | 26.47 | 24.55 | 20.95 | 17.2  | 26.21 | 24.29 | 20.70 | 17.0  | 27.42 | 25.49 | 21.90 | 18.2  | 27.42 | 25.49 | 21.90 | 18.2  |  |
|      |         | kW                          | 2.78  | 2.78  | 2.78  | 2.8   | 3.11  | 3.11  | 3.11  | 3.1   | 3.48  | 3.48  | 3.47  | 3.5   | 3.88  | 3.88  | 3.87  | 3.9   | 4.33  | 4.33  | 4.32  | 4.3   | 4.85  | 4.85  | 4.84  | 4.9   | 4.85  | 4.85  | 4.84  | 4.9   |  |
| 1575 | 1575    | Amps                        | 11.52 | 11.51 | 11.49 | 11.6  | 13.04 | 13.02 | 13.00 | 13.1  | 14.72 | 14.71 | 14.69 | 14.8  | 16.55 | 16.54 | 16.51 | 16.6  | 18.59 | 18.58 | 18.55 | 18.7  | 20.98 | 20.97 | 20.95 | 21.1  | 20.98 | 20.97 | 20.95 | 21.1  |  |
|      |         | Hi PR                       | 258   | 259   | 261   | 265.4 | 298   | 299   | 301   | 305.2 | 340   | 341   | 342   | 346.8 | 384   | 385   | 387   | 391.6 | 433   | 434   | 436   | 440.0 | 484   | 485   | 487   | 491.5 | 484   | 485   | 487   | 491.5 |  |
|      |         | Lo PR                       | 142   | 144   | 148   | 153.3 | 151   | 152   | 156   | 161.6 | 158   | 160   | 163   | 168.8 | 164   | 166   | 169   | 175.0 | 170   | 172   | 175   | 181.0 | 178   | 179   | 183   | 188.5 | 178   | 179   | 183   | 188.5 |  |

|      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1300 | MBh   | 42.7  | 43.3  | 44.5  | 46.4  | 42.3  | 42.9  | 44.1  | 46.0  | 41.2  | 41.8  | 43.0  | 44.9  | 39.4  | 40.0  | 41.2  | 43.1  | 37.1  | 37.7  | 38.9  | 40.8  | 35.1  | 35.6  | 36.9  | 38.7  |
|      | S/T   | 1.00  | 1.00  | 0.85  | 0.7   | 1.00  | 1.00  | 0.86  | 0.7   | 1.00  | 1.00  | 1.00  | 0.7   | 1.00  | 1.00  | 1.00  | 0.8   | 1.00  | 1.00  | 1.00  | 0.8   | 1.00  | 1.00  | 1.0   |       |
|      | ΔT    | 31.91 | 29.98 | 26.39 | 22.7  | 31.86 | 29.93 | 26.34 | 22.6  | 32.13 | 30.20 | 26.61 | 22.9  | 31.84 | 29.91 | 26.32 | 22.6  | 31.58 | 29.65 | 26.06 | 22.3  | 32.78 | 30.86 | 27.27 | 23.5  |
|      | kW    | 2.77  | 2.76  | 2.76  | 2.8   | 3.10  | 3.09  | 3.09  | 3.1   | 3.47  | 3.46  | 3.46  | 3.5   | 3.87  | 3.86  | 3.86  | 3.9   | 4.31  | 4.31  | 4.30  | 4.3   | 4.83  | 4.83  | 4.83  | 4.9   |
|      | Amps  | 11.45 | 11.43 | 11.41 | 11.5  | 12.96 | 12.95 | 12.92 | 13.0  | 14.65 | 14.63 | 14.61 | 14.7  | 16.47 | 16.46 | 16.43 | 16.5  | 18.51 | 18.50 | 18.47 | 18.6  | 20.91 | 20.89 | 20.87 | 21.0  |
|      | Hi PR | 256   | 257   | 259   | 263.1 | 296   | 297   | 298   | 302.8 | 337   | 338   | 340   | 344.4 | 382   | 383   | 385   | 389.3 | 430   | 431   | 433   | 437.6 | 482   | 483   | 485   | 489.2 |
| 1400 | Lo PR | 141   | 142   | 146   | 151.4 | 149   | 150   | 154   | 159.7 | 156   | 158   | 161   | 167.0 | 162   | 164   | 167   | 173.1 | 168   | 170   | 173   | 179.1 | 176   | 177   | 181   | 186.6 |
|      | MBh   | 43.1  | 43.6  | 44.9  | 46.8  | 42.7  | 43.3  | 44.5  | 46.4  | 41.6  | 42.2  | 43.4  | 45.3  | 39.8  | 40.3  | 41.6  | 43.5  | 37.5  | 38.1  | 39.3  | 41.2  | 35.4  | 36.0  | 37.3  | 39.1  |
|      | S/T   | 1.00  | 1.00  | 0.87  | 0.7   | 1.00  | 1.00  | 0.88  | 0.7   | 1.00  | 1.00  | 1.00  | 0.8   | 1.00  | 1.00  | 1.00  | 0.8   | 1.00  | 1.00  | 1.00  | 0.8   | 1.00  | 1.00  | 1.0   |       |
|      | ΔT    | 31.29 | 29.37 | 25.77 | 22.1  | 31.24 | 29.31 | 25.72 | 22.0  | 31.51 | 29.58 | 25.99 | 22.3  | 31.22 | 29.29 | 25.70 | 22.0  | 30.96 | 29.04 | 25.44 | 21.7  | 32.16 | 30.24 | 26.65 | 22.9  |
|      | kW    | 2.78  | 2.77  | 2.77  | 2.8   | 3.11  | 3.10  | 3.10  | 3.1   | 3.48  | 3.47  | 3.47  | 3.5   | 3.87  | 3.87  | 3.87  | 3.9   | 4.32  | 4.32  | 4.31  | 4.3   | 4.84  | 4.84  | 4.83  | 4.9   |
|      | Amps  | 11.49 | 11.48 | 11.45 | 11.6  | 13.00 | 12.99 | 12.96 | 13.1  | 14.69 | 14.68 | 14.65 | 14.8  | 16.51 | 16.50 | 16.48 | 16.6  | 18.55 | 18.54 | 18.52 | 18.6  | 20.95 | 20.94 | 20.91 | 21.0  |
| 1575 | Hi PR | 257   | 258   | 260   | 264.4 | 297   | 298   | 300   | 304.1 | 338   | 340   | 341   | 345.7 | 383   | 384   | 386   | 390.5 | 432   | 433   | 434   | 438.9 | 483   | 484   | 486   | 490.5 |
|      | Lo PR | 142   | 144   | 147   | 152.8 | 150   | 152   | 155   | 161.0 | 157   | 159   | 162   | 168.3 | 163   | 165   | 169   | 174.4 | 169   | 171   | 175   | 180.4 | 177   | 179   | 182   | 187.9 |
|      | MBh   | 43.9  | 44.4  | 45.7  | 47.5  | 43.5  | 44.1  | 45.3  | 47.2  | 42.4  | 43.0  | 44.2  | 46.1  | 40.6  | 41.1  | 42.4  | 44.2  | 38.3  | 38.9  | 40.1  | 42.0  | 36.2  | 36.8  | 38.0  | 39.9  |
|      | S/T   | 1.00  | 1.00  | 0.90  | 0.7   | 1.00  | 1.00  | 0.90  | 0.8   | 1.00  | 1.00  | 1.00  | 0.8   | 1.00  | 1.00  | 1.00  | 0.8   | 1.00  | 1.00  | 1.00  | 1.0   | 1.00  | 1.00  | 1.0   |       |
|      | ΔT    | 30.32 | 28.40 | 24.80 | 21.1  | 30.27 | 28.34 | 24.75 | 21.0  | 30.54 | 28.61 | 25.02 | 21.3  | 30.25 | 28.32 | 24.73 | 21.0  | 29.99 | 28.07 | 24.47 | 20.8  | 31.20 | 29.27 | 25.68 | 22.0  |
|      | kW    | 2.79  | 2.79  | 2.78  | 2.8   | 3.12  | 3.12  | 3.11  | 3.1   | 3.49  | 3.49  | 3.48  | 3.5   | 3.89  | 3.89  | 3.88  | 3.9   | 4.33  | 4.33  | 4.33  | 4.4   | 4.86  | 4.85  | 4.85  | 4.9   |
| 1575 | Amps  | 11.55 | 11.54 | 11.52 | 11.6  | 13.06 | 13.05 | 13.03 | 13.1  | 14.75 | 14.74 | 14.71 | 14.8  | 16.58 | 16.57 | 16.54 | 16.7  | 18.62 | 18.61 | 18.58 | 18.7  | 21.01 | 21.00 | 20.98 | 21.1  |
|      | Hi PR | 259   | 260   | 262   | 266.6 | 299   | 300   | 302   | 306.4 | 341   | 342   | 344   | 348.0 | 386   | 387   | 388   | 392.8 | 434   | 435   | 437   | 441.1 | 485   | 487   | 488   | 492.7 |
|      | Lo PR | 144   | 146   | 150   | 155.4 | 153   | 154   | 158   | 163.6 | 160   | 162   | 165   | 170.9 | 166   | 168   | 171   | 177.0 | 172   | 174   | 177   | 183.0 | 180   | 181   | 185   | 190.5 |

|       |         | OUTDOOR AMBIENT TEMPERATURE          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |   |
|-------|---------|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
|       |         | 65°F                                 |       |       |       | 75°F  |       |       |       | 85°F  |       |       |       | 95°F  |       |       |       | 105°F |       |       |       | 115°F |       |       |       |   |
|       |         | ENTERING INDOOR WET BULB TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |   |
| IDB   | AIRFLOW | 59                                   | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |   |
| 70    | 1300    | 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                                  | 0.67  | 0.60  | 0.46  | -     | 0.68  | 0.60  | 0.46  | -     | 0.70  | 0.63  | 0.49  | -     | 1.00  | 0.65  | 0.51  | -     | 1.00  | 0.67  | 0.53  | -     | 1.00  | 0.72  | 0.58  | - |
|       |         | ΔT                                   | 20.47 | 18.46 | 14.72 | -     | 20.41 | 18.41 | 14.67 | -     | 20.70 | 18.69 | 14.95 | -     | 20.39 | 18.39 | 14.64 | -     | 20.13 | 18.12 | 14.38 | -     | 21.38 | 19.38 | 15.63 | - |
|       |         | kW                                   | 3.01  | 3.01  | 3.00  | -     | 3.38  | 3.38  | 3.37  | -     | 3.79  | 3.79  | 3.78  | -     | 4.24  | 4.24  | 4.23  | -     | 4.74  | 4.74  | 4.73  | -     | 5.33  | 5.33  | 5.32  | - |
|       |         | Amps                                 | 12.53 | 12.51 | 12.49 | -     | 14.23 | 14.21 | 14.18 | -     | 16.12 | 16.11 | 16.08 | -     | 18.17 | 18.16 | 18.13 | -     | 20.46 | 20.45 | 20.42 | -     | 23.15 | 23.14 | 23.11 | - |
|       | Hi PR   | 267                                  | 268   | 270   | -     | 309   | 310   | 312   | -     | 352   | 353   | 355   | -     | 399   | 401   | 402   | -     | 450   | 451   | 453   | -     | 504   | 505   | 507   | -     |   |
|       | Lo PR   | 124                                  | 126   | 129   | -     | 132   | 133   | 136   | -     | 138   | 140   | 143   | -     | 144   | 145   | 149   | -     | 149   | 151   | 154   | -     | 156   | 158   | 161   | -     |   |
|       | 1600    | MBh                                  | 47.3  | 47.9  | 49.3  | -     | 46.9  | 47.5  | 48.9  | -     | 45.7  | 46.4  | 47.7  | -     | 43.7  | 44.3  | 45.7  | -     | 41.2  | 41.8  | 43.2  | -     | 38.9  | 39.6  | 40.9  | - |
|       |         | S/T                                  | 0.72  | 0.64  | 0.50  | -     | 0.72  | 0.65  | 0.51  | -     | 0.75  | 0.67  | 0.54  | -     | 1.00  | 0.69  | 0.55  | -     | 1.00  | 0.71  | 0.58  | -     | 1.00  | 0.77  | 0.63  | - |
|       |         | ΔT                                   | 18.68 | 16.67 | 12.93 | -     | 18.62 | 16.62 | 12.88 | -     | 18.91 | 16.90 | 13.16 | -     | 18.60 | 16.60 | 12.85 | -     | 18.34 | 16.33 | 12.59 | -     | 19.59 | 17.59 | 13.84 | - |
| kW    |         | 3.04                                 | 3.03  | 3.03  | -     | 3.41  | 3.40  | 3.40  | -     | 3.82  | 3.82  | 3.81  | -     | 4.27  | 4.27  | 4.26  | -     | 4.77  | 4.77  | 4.76  | -     | 5.36  | 5.35  | 5.35  | -     |   |
| Amps  |         | 12.66                                | 12.64 | 12.62 | -     | 14.35 | 14.34 | 14.31 | -     | 16.25 | 16.24 | 16.21 | -     | 18.30 | 18.29 | 18.26 | -     | 20.59 | 20.58 | 20.55 | -     | 23.28 | 23.27 | 23.24 | -     |   |
| Hi PR | 271     | 272                                  | 274   | -     | 313   | 314   | 316   | -     | 356   | 357   | 359   | -     | 403   | 405   | 406   | -     | 454   | 455   | 457   | -     | 508   | 510   | 511   | -     |       |   |
| Lo PR | 128     | 130                                  | 133   | -     | 136   | 137   | 140   | -     | 142   | 144   | 147   | -     | 148   | 149   | 152   | -     | 153   | 155   | 158   | -     | 160   | 161   | 165   | -     |       |   |
| 1800  | MBh     | 48.6                                 | 49.2  | 50.5  | -     | 48.1  | 48.8  | 50.1  | -     | 47.0  | 47.6  | 49.0  | -     | 44.9  | 45.6  | 46.9  | -     | 42.4  | 43.1  | 44.4  | -     | 40.2  | 40.8  | 42.2  | -     |   |
|       | S/T     | 0.71                                 | 0.63  | 0.49  | -     | 0.71  | 0.64  | 0.50  | -     | 1.00  | 0.66  | 0.52  | -     | 1.00  | 0.68  | 0.54  | -     | 1.00  | 0.70  | 0.57  | -     | 1.00  | 1.00  | 0.62  | -     |   |
|       | ΔT      | 17.64                                | 15.64 | 11.89 | -     | 17.59 | 15.58 | 11.84 | -     | 17.87 | 15.86 | 12.12 | -     | 17.57 | 15.56 | 11.82 | -     | 17.30 | 15.29 | 11.55 | -     | 18.55 | 16.55 | 12.81 | -     |   |
|       | kW      | 3.05                                 | 3.05  | 3.04  | -     | 3.42  | 3.42  | 3.41  | -     | 3.84  | 3.83  | 3.83  | -     | 4.29  | 4.28  | 4.28  | -     | 4.79  | 4.78  | 4.78  | -     | 5.37  | 5.37  | 5.36  | -     |   |
|       | Amps    | 12.73                                | 12.72 | 12.69 | -     | 14.43 | 14.42 | 14.39 | -     | 16.32 | 16.31 | 16.28 | -     | 18.37 | 18.36 | 18.33 | -     | 20.67 | 20.65 | 20.62 | -     | 23.35 | 23.34 | 23.31 | -     |   |
|       | Hi PR   | 274                                  | 275   | 277   | -     | 316   | 317   | 319   | -     | 359   | 360   | 362   | -     | 406   | 407   | 409   | -     | 457   | 458   | 460   | -     | 511   | 512   | 514   | -     |   |
| Lo PR | 131     | 133                                  | 136   | -     | 139   | 140   | 144   | -     | 145   | 147   | 150   | -     | 151   | 152   | 156   | -     | 156   | 158   | 161   | -     | 163   | 165   | 168   | -     |       |   |

|      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 75   | 1300 | 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   | 0.80  | 0.73  | 0.59  | 0.4   | 0.81  | 0.73  | 0.59  | 0.5   | 1.00  | 0.76  | 0.62  | 0.5   | 1.00  | 0.78  | 0.64  | 0.5   | 1.00  | 0.80  | 0.66  | 0.5   | 1.00  | 1.00  | 0.71  | 0.6   |
|      |      | ΔT    | 24.88 | 22.87 | 19.13 | 15.3  | 24.82 | 22.82 | 19.07 | 15.2  | 25.10 | 23.10 | 19.36 | 15.5  | 24.80 | 22.80 | 19.05 | 15.2  | 24.53 | 22.53 | 18.79 | 14.9  | 25.79 | 23.78 | 20.04 | 16.2  |
|      |      | kW    | 3.01  | 3.00  | 3.00  | 3.0   | 3.38  | 3.37  | 3.37  | 3.4   | 3.79  | 3.79  | 3.78  | 3.8   | 4.24  | 4.24  | 4.23  | 4.3   | 4.74  | 4.74  | 4.73  | 4.8   | 5.33  | 5.32  | 5.32  | 5.3   |
|      |      | Amps  | 12.52 | 12.50 | 12.47 | 12.6  | 14.21 | 14.20 | 14.17 | 14.3  | 16.11 | 16.10 | 16.07 | 16.2  | 18.16 | 18.15 | 18.12 | 18.2  | 20.45 | 20.44 | 20.41 | 20.5  | 23.14 | 23.12 | 23.10 | 23.2  |
| 1600 |      | Hi PR | 267   | 268   | 270   | 274.6 | 309   | 310   | 312   | 316.4 | 353   | 354   | 356   | 360.1 | 400   | 401   | 403   | 407.2 | 450   | 452   | 453   | 458.0 | 505   | 506   | 508   | 512.2 |
|      |      | Lo PR | 124   | 126   | 129   | 134.2 | 132   | 133   | 136   | 141.7 | 138   | 140   | 143   | 148.2 | 144   | 145   | 149   | 153.8 | 149   | 151   | 154   | 159.2 | 156   | 158   | 161   | 166.0 |
|      |      | MBh   | 47.3  | 48.0  | 49.3  | 51.4  | 46.9  | 47.6  | 48.9  | 51.0  | 45.7  | 46.4  | 47.7  | 49.8  | 43.7  | 44.3  | 45.7  | 47.8  | 41.2  | 41.9  | 43.2  | 45.3  | 38.9  | 39.6  | 40.9  | 43.0  |
|      |      | S/T   | 0.85  | 0.77  | 0.63  | 0.5   | 1.00  | 0.78  | 0.64  | 0.5   | 1.00  | 0.80  | 0.67  | 0.5   | 1.00  | 0.82  | 0.68  | 0.5   | 1.00  | 1.00  | 0.71  | 0.6   | 1.00  | 1.00  | 0.76  | 0.6   |
|      |      | ΔT    | 23.09 | 21.08 | 17.34 | 13.5  | 23.03 | 21.03 | 17.28 | 13.4  | 23.31 | 21.31 | 17.57 | 13.7  | 23.01 | 21.01 | 17.26 | 13.4  | 22.74 | 20.74 | 17.00 | 13.1  | 24.00 | 21.99 | 18.25 | 14.4  |
| 1800 |      | kW    | 3.03  | 3.03  | 3.02  | 3.1   | 3.41  | 3.40  | 3.40  | 3.4   | 3.82  | 3.82  | 3.81  | 3.8   | 4.27  | 4.26  | 4.26  | 4.3   | 4.77  | 4.76  | 4.76  | 4.8   | 5.35  | 5.35  | 5.35  | 5.4   |
|      |      | Amps  | 12.65 | 12.63 | 12.60 | 12.7  | 14.34 | 14.33 | 14.30 | 14.4  | 16.24 | 16.23 | 16.20 | 16.3  | 18.29 | 18.28 | 18.25 | 18.4  | 20.58 | 20.57 | 20.54 | 20.7  | 23.27 | 23.25 | 23.23 | 23.4  |
|      |      | Hi PR | 271   | 272   | 274   | 278.7 | 313   | 314   | 316   | 320.5 | 357   | 358   | 360   | 364.2 | 404   | 405   | 407   | 411.3 | 454   | 456   | 457   | 462.0 | 509   | 510   | 512   | 516.2 |
|      |      | Lo PR | 128   | 130   | 133   | 138.1 | 136   | 137   | 140   | 145.6 | 142   | 144   | 147   | 152.1 | 148   | 149   | 152   | 157.6 | 153   | 155   | 158   | 163.1 | 160   | 162   | 165   | 169.9 |
|      |      | MBh   | 48.6  | 49.2  | 50.6  | 52.6  | 48.2  | 48.8  | 50.2  | 52.2  | 47.0  | 47.6  | 49.0  | 51.0  | 45.0  | 45.6  | 46.9  | 49.0  | 42.5  | 43.1  | 44.5  | 46.5  | 40.2  | 40.8  | 42.2  | 44.3  |
| 1800 |      | S/T   | 0.84  | 0.76  | 0.62  | 0.5   | 1.00  | 0.77  | 0.63  | 0.5   | 1.00  | 0.79  | 0.65  | 0.5   | 1.00  | 0.81  | 0.67  | 0.5   | 1.00  | 1.00  | 0.70  | 0.6   | 1.00  | 1.00  | 0.75  | 0.6   |
|      |      | ΔT    | 22.05 | 20.05 | 16.30 | 12.4  | 22.00 | 19.99 | 16.25 | 12.4  | 22.28 | 20.27 | 16.53 | 12.7  | 21.98 | 19.97 | 16.23 | 12.3  | 21.71 | 19.70 | 15.96 | 12.1  | 22.96 | 20.96 | 17.21 | 13.3  |
|      |      | kW    | 3.05  | 3.05  | 3.04  | 3.1   | 3.42  | 3.42  | 3.41  | 3.4   | 3.84  | 3.83  | 3.83  | 3.9   | 4.28  | 4.28  | 4.27  | 4.3   | 4.78  | 4.78  | 4.77  | 4.8   | 5.37  | 5.37  | 5.36  | 5.4   |
|      |      | Amps  | 12.72 | 12.71 | 12.68 | 12.8  | 14.42 | 14.40 | 14.38 | 14.5  | 16.31 | 16.30 | 16.27 | 16.4  | 18.36 | 18.35 | 18.32 | 18.5  | 20.65 | 20.64 | 20.61 | 20.7  | 23.34 | 23.33 | 23.30 | 23.4  |
|      |      | Hi PR | 274   | 275   | 277   | 281.6 | 316   | 317   | 319   | 323.4 | 359   | 361   | 363   | 367.1 | 407   | 408   | 410   | 414.2 | 457   | 459   | 460   | 465.0 | 512   | 513   | 515   | 519.2 |
|      |      | Lo PR | 131   | 133   | 136   | 141.3 | 139   | 140   | 144   | 148.8 | 145   | 147   | 150   | 155.3 | 151   | 153   | 156   | 160.9 | 156   | 158   | 161   | 166.3 | 163   | 165   | 168   | 173.1 |

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

Shaded area reflects ACCA (TVA) conditions

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

|      |         | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|---------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      |         | 65°F                        |       |       |       | 75°F  |       |       |       | 85°F  |       |       |       | 95°F  |       |       |       | 105°F |       |       |       | 115°F |       |       |       |
| IDB  | AIRFLOW | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |
| 80   | 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  |
|      | S/T     | 1.00                        | 0.85  | 0.72  | 0.6   | 1.00  | 0.86  | 0.72  | 0.6   | 1.00  | 0.88  | 0.75  | 0.6   | 1.00  | 1.00  | 0.77  | 0.6   | 1.00  | 1.00  | 0.79  | 0.6   | 1.00  | 1.00  | 0.84  | 0.7   |
|      | ΔT      | 29.32                       | 27.31 | 23.57 | 19.7  | 29.26 | 27.26 | 23.51 | 19.6  | 29.54 | 27.54 | 23.79 | 19.9  | 29.24 | 27.24 | 23.49 | 19.6  | 28.97 | 26.97 | 23.22 | 19.3  | 30.23 | 28.22 | 24.48 | 20.6  |
|      | kW      | 3.01                        | 3.01  | 3.00  | 3.0   | 3.38  | 3.38  | 3.37  | 3.4   | 3.79  | 3.79  | 3.78  | 3.8   | 4.24  | 4.24  | 4.23  | 4.3   | 4.74  | 4.74  | 4.73  | 4.8   | 5.33  | 5.33  | 5.32  | 5.3   |
|      | Amps    | 12.53                       | 12.51 | 12.48 | 12.6  | 14.22 | 14.21 | 14.18 | 14.3  | 16.12 | 16.10 | 16.08 | 16.2  | 18.17 | 18.16 | 18.13 | 18.3  | 20.46 | 20.45 | 20.42 | 20.5  | 23.15 | 23.13 | 23.10 | 23.2  |
|      | Hi PR   | 268                         | 269   | 271   | 275.1 | 309   | 310   | 312   | 316.9 | 353   | 354   | 356   | 360.6 | 400   | 401   | 403   | 407.7 | 451   | 452   | 454   | 458.5 | 505   | 506   | 508   | 512.7 |
| 1600 | Lo PR   | 125                         | 126   | 130   | 134.8 | 132   | 134   | 137   | 142.2 | 139   | 140   | 144   | 148.8 | 144   | 146   | 149   | 154.3 | 150   | 151   | 154   | 159.7 | 157   | 158   | 161   | 166.5 |
|      | MBh     | 47.6                        | 48.2  | 49.6  | 51.6  | 47.2  | 47.8  | 49.1  | 51.2  | 46.0  | 46.6  | 48.0  | 50.0  | 43.9  | 44.6  | 45.9  | 48.0  | 41.5  | 42.1  | 43.4  | 45.5  | 39.2  | 39.8  | 41.2  | 43.2  |
|      | S/T     | 1.00                        | 0.90  | 0.76  | 0.6   | 1.00  | 0.90  | 0.77  | 0.6   | 1.00  | 0.93  | 0.79  | 0.6   | 1.00  | 1.00  | 0.81  | 0.7   | 1.00  | 1.00  | 0.83  | 0.7   | 1.00  | 1.00  | 0.89  | 0.7   |
|      | ΔT      | 27.53                       | 25.52 | 21.78 | 17.9  | 27.47 | 25.47 | 21.72 | 17.8  | 27.75 | 25.75 | 22.00 | 18.1  | 27.45 | 25.44 | 21.70 | 17.8  | 27.18 | 25.18 | 21.43 | 17.6  | 28.44 | 26.43 | 22.69 | 18.8  |
|      | kW      | 3.04                        | 3.03  | 3.03  | 3.1   | 3.41  | 3.40  | 3.40  | 3.4   | 3.82  | 3.82  | 3.81  | 3.8   | 4.27  | 4.27  | 4.26  | 4.3   | 4.77  | 4.77  | 4.76  | 4.8   | 5.36  | 5.35  | 5.35  | 5.4   |
|      | Amps    | 12.66                       | 12.64 | 12.61 | 12.7  | 14.35 | 14.34 | 14.31 | 14.4  | 16.25 | 16.23 | 16.21 | 16.3  | 18.30 | 18.28 | 18.26 | 18.4  | 20.59 | 20.58 | 20.55 | 20.7  | 23.28 | 23.26 | 23.23 | 23.4  |
| 1800 | Hi PR   | 272                         | 273   | 275   | 279.2 | 313   | 314   | 316   | 320.9 | 357   | 358   | 360   | 364.7 | 404   | 405   | 407   | 411.8 | 455   | 456   | 458   | 462.5 | 509   | 510   | 512   | 516.7 |
|      | Lo PR   | 129                         | 130   | 133   | 138.7 | 136   | 138   | 141   | 146.1 | 143   | 144   | 147   | 152.7 | 148   | 150   | 153   | 158.2 | 154   | 155   | 158   | 163.6 | 161   | 162   | 165   | 170.4 |
|      | MBh     | 48.8                        | 49.5  | 50.8  | 52.9  | 48.4  | 49.0  | 50.4  | 52.5  | 47.2  | 47.9  | 49.2  | 51.3  | 45.2  | 45.8  | 47.2  | 49.2  | 42.7  | 43.3  | 44.7  | 46.8  | 40.4  | 41.1  | 42.4  | 44.5  |
|      | S/T     | 1.00                        | 0.89  | 0.75  | 0.6   | 1.00  | 0.89  | 0.76  | 0.6   | 1.00  | 1.00  | 0.78  | 0.6   | 1.00  | 1.00  | 0.80  | 0.7   | 1.00  | 1.00  | 0.82  | 0.7   | 1.00  | 1.00  | 1.00  | 0.7   |
|      | ΔT      | 26.49                       | 24.48 | 20.74 | 16.9  | 26.43 | 24.43 | 20.69 | 16.8  | 26.72 | 24.71 | 20.97 | 17.1  | 26.41 | 24.41 | 20.67 | 16.8  | 26.15 | 24.14 | 20.40 | 16.5  | 27.40 | 25.40 | 21.65 | 17.8  |
|      | kW      | 3.05                        | 3.05  | 3.04  | 3.1   | 3.42  | 3.42  | 3.41  | 3.4   | 3.84  | 3.83  | 3.83  | 3.9   | 4.29  | 4.28  | 4.28  | 4.3   | 4.79  | 4.78  | 4.78  | 4.8   | 5.37  | 5.37  | 5.36  | 5.4   |
| 85   | Amps    | 12.73                       | 12.72 | 12.69 | 12.8  | 14.43 | 14.41 | 14.38 | 14.5  | 16.32 | 16.31 | 16.28 | 16.4  | 18.37 | 18.36 | 18.33 | 18.5  | 20.66 | 20.65 | 20.62 | 20.8  | 23.35 | 23.34 | 23.31 | 23.4  |
|      | Hi PR   | 275                         | 276   | 278   | 282.1 | 316   | 317   | 319   | 323.9 | 360   | 361   | 363   | 367.6 | 407   | 408   | 410   | 414.7 | 458   | 459   | 461   | 465.5 | 512   | 513   | 515   | 519.6 |
|      | Lo PR   | 132                         | 134   | 137   | 141.9 | 139   | 141   | 144   | 149.3 | 146   | 148   | 151   | 155.9 | 152   | 153   | 156   | 161.4 | 157   | 158   | 162   | 166.8 | 164   | 165   | 168   | 173.6 |
|      | 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  |
|      | S/T     | 1.00                        | 0.95  | 0.82  | 0.7   | 1.00  | 1.00  | 0.82  | 0.7   | 1.00  | 1.00  | 0.85  | 0.7   | 1.00  | 1.00  | 0.87  | 0.7   | 1.00  | 1.00  | 0.89  | 0.7   | 1.00  | 1.00  | 1.00  | 0.8   |
|      | ΔT      | 33.25                       | 31.25 | 27.50 | 23.6  | 33.20 | 31.19 | 27.45 | 23.6  | 33.48 | 31.47 | 27.73 | 23.9  | 33.18 | 31.17 | 27.43 | 23.5  | 32.91 | 30.90 | 27.16 | 23.3  | 34.16 | 32.16 | 28.42 | 24.5  |
| 1300 | kW      | 3.02                        | 3.01  | 3.01  | 3.0   | 3.39  | 3.38  | 3.38  | 3.4   | 3.80  | 3.80  | 3.79  | 3.8   | 4.25  | 4.25  | 4.24  | 4.3   | 4.75  | 4.75  | 4.74  | 4.8   | 5.34  | 5.33  | 5.33  | 5.4   |
|      | Amps    | 12.56                       | 12.55 | 12.52 | 12.6  | 14.26 | 14.24 | 14.21 | 14.3  | 16.15 | 16.14 | 16.11 | 16.2  | 18.20 | 18.19 | 18.16 | 18.3  | 20.49 | 20.48 | 20.45 | 20.6  | 23.18 | 23.17 | 23.14 | 23.3  |
|      | Hi PR   | 269                         | 270   | 272   | 276.4 | 310   | 312   | 314   | 318.1 | 354   | 355   | 357   | 361.9 | 401   | 402   | 404   | 408.9 | 452   | 453   | 455   | 459.7 | 506   | 507   | 509   | 513.9 |
|      | Lo PR   | 127                         | 128   | 131   | 136.6 | 134   | 136   | 139   | 144.1 | 141   | 142   | 145   | 150.6 | 146   | 148   | 151   | 156.1 | 152   | 153   | 156   | 161.5 | 158   | 160   | 163   | 168.3 |
|      | 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  | 42.9  | 44.2  | 46.3  | 39.9  | 40.6  | 41.9  | 44.0  |
|      | S/T     | 1.00                        | 1.00  | 0.86  | 0.7   | 1.00  | 1.00  | 0.87  | 0.7   | 1.00  | 1.00  | 0.89  | 0.7   | 1.00  | 1.00  | 0.91  | 0.8   | 1.00  | 1.00  | 0.8   | 0.8   | 1.00  | 1.00  | 1.00  | 0.8   |
| 1600 | ΔT      | 31.46                       | 29.46 | 25.71 | 21.8  | 31.41 | 29.40 | 25.66 | 21.8  | 31.69 | 29.68 | 25.94 | 22.1  | 31.39 | 29.38 | 25.64 | 21.8  | 31.12 | 29.11 | 25.37 | 21.5  | 32.37 | 30.37 | 26.63 | 22.7  |
|      | kW      | 3.04                        | 3.04  | 3.03  | 3.1   | 3.41  | 3.41  | 3.40  | 3.4   | 3.83  | 3.83  | 3.82  | 3.8   | 4.28  | 4.27  | 4.27  | 4.3   | 4.78  | 4.77  | 4.77  | 4.8   | 5.36  | 5.36  | 5.35  | 5.4   |
|      | Amps    | 12.69                       | 12.67 | 12.65 | 12.8  | 14.39 | 14.37 | 14.34 | 14.5  | 16.28 | 16.27 | 16.24 | 16.4  | 18.33 | 18.32 | 18.29 | 18.4  | 20.62 | 20.61 | 20.58 | 20.7  | 23.31 | 23.30 | 23.27 | 23.4  |
|      | Hi PR   | 273                         | 274   | 276   | 280.4 | 315   | 316   | 318   | 322.2 | 358   | 359   | 361   | 365.9 | 405   | 407   | 408   | 413.0 | 456   | 457   | 459   | 463.8 | 510   | 511   | 513   | 518.0 |
|      | Lo PR   | 131                         | 132   | 135   | 140.5 | 138   | 140   | 143   | 148.0 | 145   | 146   | 149   | 154.5 | 150   | 152   | 155   | 160.0 | 156   | 157   | 160   | 165.4 | 162   | 164   | 167   | 172.2 |
|      | MBh     | 49.6                        | 50.2  | 51.6  | 53.6  | 49.2  | 49.8  | 51.2  | 53.2  | 48.0  | 48.6  | 50.0  | 52.0  | 46.0  | 46.6  | 47.9  | 50.0  | 43.5  | 44.1  | 45.5  | 47.5  | 41.2  | 41.8  | 43.2  | 45.3  |
| 1800 | S/T     | 1.00                        | 0.99  | 0.85  | 0.7   | 1.00  | 1.00  | 0.86  | 0.7   | 1.00  | 1.00  | 0.88  | 0.7   | 1.00  | 1.00  | 0.90  | 0.8   | 1.00  | 1.00  | 0.8   | 0.8   | 1.00  | 1.00  | 1.00  | 0.8   |
|      | ΔT      | 30.43                       | 28.42 | 24.68 | 20.8  | 30.37 | 28.37 | 24.62 | 20.7  | 30.65 | 28.65 | 24.90 | 21.0  | 30.35 | 28.35 | 24.60 | 20.7  | 30.08 | 28.08 | 24.33 | 20.5  | 31.34 | 29.33 | 25.59 | 21.7  |
|      | kW      | 3.06                        | 3.06  | 3.05  | 3.1   | 3.43  | 3.43  | 3.42  | 3.4   | 3.84  | 3.84  | 3.84  | 3.9   | 4.29  | 4.29  | 4.28  | 4.3   | 4.79  | 4.79  | 4.78  | 4.8   | 5.38  | 5.38  | 5.37  | 5.4   |
|      | Amps    | 12.76                       | 12.75 | 12.72 | 12.8  | 14.46 | 14.45 | 14.42 | 14.5  | 16.35 | 16.34 | 16.31 | 16.4  | 18.40 | 18.39 | 18.36 | 18.5  | 20.70 | 20.68 | 20.65 | 20.8  | 23.38 | 23.37 | 23.34 | 23.5  |
|      | Hi PR   | 276                         | 277   | 279   | 283.4 | 317   | 319   | 320   | 325.1 | 361   | 362   | 364   | 368.8 | 408   | 409   | 411   | 415.9 | 459   | 460   | 462   | 466.7 | 513   | 514   | 516   | 520.9 |
|      | Lo PR   | 134                         | 135   | 139   | 143.7 | 141   | 143   | 146   | 151.2 | 148   | 149   | 152   | 157.7 | 153   | 155   | 158   | 163.2 | 159   | 160   | 163   | 168.7 | 166   | 167   | 170   | 175.4 |

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

Shaded area reflects AHRI conditions

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

## GPDM32406041

100 % CAPACITY

|       | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |
|-------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
|       | 65                          | 60    | 55    | 50    | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15    | 10    | 5     | 0    | -5   |
| MBh   | 30.81                       | 28.85 | 26.91 | 25.01 | 23.79 | 22.89 | 20.61 | 18.50 | 16.78 | 15.50 | 14.56 | 14.05 | 13.41 | 11.78 | 10.16 | 8.54 | 6.92 |
| T/R   | 32.28                       | 30.51 | 28.74 | 26.97 | 25.91 | 24.94 | 22.45 | 20.15 | 18.28 | 16.89 | 15.86 | 15.31 | 14.60 | 12.83 | 11.07 | 9.30 | 7.53 |
| KW    | 2.32                        | 2.26  | 2.20  | 2.15  | 2.11  | 2.09  | 2.03  | 1.97  | 1.92  | 1.86  | 1.80  | 1.77  | 1.74  | 1.69  | 1.63  | 1.57 | 1.51 |
| AMPS  | 8.7                         | 8.5   | 8.2   | 8.0   | 7.8   | 7.7   | 7.5   | 7.2   | 7.0   | 6.7   | 6.5   | 6.3   | 6.2   | 6.0   | 5.7   | 5.5  | 5.2  |
| COP   | 3.89                        | 3.74  | 3.58  | 3.41  | 3.30  | 3.21  | 2.97  | 2.75  | 2.56  | 2.44  | 2.37  | 2.33  | 2.25  | 2.05  | 1.83  | 1.59 | 1.34 |
| Hi PR | 420                         | 407   | 393   | 379   | 371   | 366   | 352   | 338   | 325   | 311   | 297   | 289   | 284   | 270   | 256   | 243  | 229  |
| LO PR | 138                         | 129   | 121   | 112   | 107   | 104   | 95    | 87    | 78    | 69    | 61    | 56    | 52    | 44    | 35    | 26   | 18   |

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

## GPDM33008041

100 % CAPACITY

|       | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |
|-------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
|       | 65                          | 60    | 55    | 50    | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15    | 10    | 5     | 0    | -5   |
| MBh   | 37.14                       | 34.74 | 32.38 | 30.06 | 28.58 | 27.48 | 24.69 | 22.12 | 20.02 | 18.46 | 17.31 | 16.69 | 15.89 | 13.91 | 11.93 | 9.95 | 7.97 |
| T/R   | 31.49                       | 29.75 | 28.00 | 26.25 | 25.20 | 24.23 | 21.77 | 19.51 | 17.65 | 16.28 | 15.26 | 14.72 | 14.02 | 12.27 | 10.52 | 8.77 | 7.02 |
| KW    | 2.73                        | 2.66  | 2.60  | 2.54  | 2.51  | 2.48  | 2.42  | 2.36  | 2.30  | 2.24  | 2.18  | 2.15  | 2.12  | 2.06  | 2.00  | 1.94 | 1.88 |
| AMPS  | 10.2                        | 9.9   | 9.7   | 9.4   | 9.2   | 9.1   | 8.9   | 8.6   | 8.3   | 8.1   | 7.8   | 7.7   | 7.6   | 7.3   | 7.0   | 6.8  | 6.5  |
| COP   | 3.99                        | 3.82  | 3.64  | 3.46  | 3.34  | 3.24  | 2.99  | 2.74  | 2.55  | 2.41  | 2.33  | 2.28  | 2.20  | 1.98  | 1.75  | 1.50 | 1.24 |
| Hi PR | 425                         | 411   | 398   | 384   | 376   | 370   | 356   | 342   | 328   | 315   | 301   | 292   | 287   | 273   | 259   | 245  | 232  |
| LO PR | 137                         | 128   | 120   | 111   | 106   | 103   | 94    | 86    | 77    | 69    | 60    | 55    | 52    | 43    | 35    | 26   | 18   |

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

## GPDM33608041

100 % CAPACITY

|       | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|       | 65                          | 60    | 55    | 50    | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15    | 10    | 5     | 0     | -5    |
| MBh   | 45.67                       | 42.81 | 40.00 | 37.23 | 35.46 | 34.17 | 30.87 | 27.81 | 25.30 | 23.45 | 22.09 | 21.36 | 20.42 | 18.07 | 15.72 | 13.38 | 11.03 |
| T/R   | 33.89                       | 32.07 | 30.26 | 28.45 | 27.36 | 26.37 | 23.82 | 21.46 | 19.52 | 18.09 | 17.04 | 16.48 | 15.76 | 13.95 | 12.13 | 10.32 | 8.51  |
| KW    | 3.63                        | 3.53  | 3.43  | 3.33  | 3.27  | 3.23  | 3.13  | 3.03  | 2.93  | 2.83  | 2.72  | 2.66  | 2.62  | 2.52  | 2.42  | 2.32  | 2.22  |
| AMPS  | 13.9                        | 13.4  | 13.0  | 12.6  | 12.3  | 12.1  | 11.7  | 11.3  | 10.8  | 10.4  | 9.9   | 9.7   | 9.5   | 9.1   | 8.6   | 8.2   | 7.8   |
| COP   | 3.69                        | 3.56  | 3.42  | 3.28  | 3.18  | 3.10  | 2.89  | 2.69  | 2.53  | 2.43  | 2.38  | 2.35  | 2.28  | 2.10  | 1.90  | 1.69  | 1.45  |
| Hi PR | 476                         | 461   | 445   | 430   | 420   | 414   | 399   | 383   | 368   | 352   | 337   | 327   | 321   | 306   | 290   | 275   | 259   |
| LO PR | 130                         | 122   | 114   | 106   | 101   | 98    | 89    | 81    | 73    | 65    | 57    | 52    | 49    | 41    | 33    | 25    | 17    |

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

## GPDM34210041

100 % CAPACITY

|       | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|       | 65                          | 60    | 55    | 50    | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15    | 10    | 5     | 0     | -5    |
| MBh   | 51.74                       | 48.40 | 45.12 | 41.90 | 39.83 | 38.31 | 34.43 | 30.85 | 27.93 | 25.77 | 24.16 | 23.30 | 22.20 | 19.45 | 16.69 | 13.94 | 11.18 |
| T/R   | 35.44                       | 33.47 | 31.51 | 29.55 | 28.37 | 27.28 | 24.52 | 21.98 | 19.89 | 18.35 | 17.21 | 16.60 | 15.81 | 13.85 | 11.89 | 9.93  | 7.96  |
| KW    | 3.82                        | 3.73  | 3.65  | 3.56  | 3.51  | 3.47  | 3.38  | 3.30  | 3.21  | 3.12  | 3.03  | 2.98  | 2.95  | 2.86  | 2.77  | 2.69  | 2.60  |
| AMPS  | 14.5                        | 14.2  | 13.8  | 13.4  | 13.2  | 13.0  | 12.6  | 12.3  | 11.9  | 11.5  | 11.1  | 10.9  | 10.8  | 10.4  | 10.0  | 9.6   | 9.2   |
| COP   | 3.97                        | 3.80  | 3.63  | 3.45  | 3.33  | 3.23  | 2.98  | 2.74  | 2.55  | 2.42  | 2.33  | 2.29  | 2.21  | 1.99  | 1.76  | 1.52  | 1.26  |
| Hi PR | 417                         | 403   | 390   | 376   | 368   | 362   | 349   | 335   | 322   | 308   | 295   | 287   | 281   | 268   | 254   | 240   | 227   |
| LO PR | 134                         | 125   | 117   | 109   | 104   | 101   | 92    | 84    | 76    | 67    | 59    | 54    | 51    | 42    | 34    | 26    | 17    |

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

## GPDM34810041

100 % CAPACITY

|       | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |
|-------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
|       | 65                          | 60    | 55    | 50    | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15    | 10    | 5     | 0     | -5   |
| MBh   | 58.35                       | 54.36 | 50.42 | 46.45 | 43.93 | 41.97 | 37.10 | 32.70 | 29.13 | 26.44 | 24.40 | 23.30 | 21.93 | 18.49 | 15.05 | 11.62 | 8.18 |
| T/R   | 40.11                       | 37.66 | 35.21 | 32.76 | 31.29 | 29.89 | 26.43 | 23.29 | 20.75 | 18.83 | 17.38 | 16.60 | 15.62 | 13.17 | 10.72 | 8.27  | 5.82 |
| KW    | 4.14                        | 4.01  | 3.87  | 3.74  | 3.66  | 3.60  | 3.47  | 3.33  | 3.20  | 3.06  | 2.93  | 2.85  | 2.79  | 2.66  | 2.52  | 2.39  | 2.25 |
| AMPS  | 16.0                        | 15.4  | 14.8  | 14.2  | 13.8  | 13.6  | 13.0  | 12.4  | 11.8  | 11.3  | 10.7  | 10.3  | 10.1  | 9.5   | 8.9   | 8.3   | 7.7  |
| COP   | 4.13                        | 3.97  | 3.81  | 3.64  | 3.52  | 3.41  | 3.14  | 2.88  | 2.67  | 2.53  | 2.44  | 2.40  | 2.30  | 2.04  | 1.75  | 1.43  | 1.07 |
| Hi PR | 318                         | 307   | 297   | 287   | 281   | 276   | 266   | 256   | 245   | 235   | 225   | 219   | 214   | 204   | 194   | 183   | 173  |
| LO PR | 76                          | 71    | 67    | 62    | 59    | 57    | 52    | 48    | 43    | 38    | 33    | 31    | 29    | 24    | 19    | 15    | 10   |

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



**GPDM324\*\*\*41 - RISE RANGE: 25° - 55°**

| UNIT<br>STATIC | T1 - 1ST STAGE HEATING SPEED |       |      | T2 - 2ND STAGE HEATING SPEED |       |      | T3 - COOLING SPEED |       | T4 - COOLING SPEED |       | T5 - COOLING SPEED |       |
|----------------|------------------------------|-------|------|------------------------------|-------|------|--------------------|-------|--------------------|-------|--------------------|-------|
|                | CFM                          | WATTS | RISE | CFM                          | WATTS | RISE | CFM                | WATTS | CFM                | WATTS | CFM                | WATTS |
| 0.1            | 671                          | 66    | 50   | 1069                         | 192   | 42   | 859                | 94    | 1054               | 164   | 1174               | 220   |
| 0.2            | 614                          | 72    | 55   | 1020                         | 200   | 44   | 810                | 102   | 1007               | 172   | 1134               | 227   |
| 0.3            | 563                          | 79    | X    | 976                          | 206   | 46   | 761                | 109   | 966                | 179   | 1093               | 233   |
| 0.4            | 499                          | 86    | X    | 936                          | 215   | 48   | 713                | 117   | 926                | 186   | 1050               | 240   |
| 0.5            | 436                          | 94    | X    | 887                          | 219   | 51   | 664                | 125   | 884                | 194   | 1007               | 249   |
| 0.6            | 362                          | 99    | X    | 841                          | 226   | 53   | 615                | 133   | 837                | 201   | 963                | 256   |
| 0.7            | 313                          | 105   | X    | 793                          | 232   | X    | ---                | ---   | 788                | 208   | 919                | 262   |
| 0.8            | 251                          | 110   | X    | 745                          | 239   | X    | ---                | ---   | 737                | 216   | 867                | 270   |

**GPDM330\*\*\*41 - RISE RANGE: 35° - 65°**

| UNIT<br>STATIC | T1 - 1ST STAGE HEATING SPEED |       |      | T2 - 2ND STAGE HEATING SPEED |       |      | T3 - COOLING SPEED |       | T4 - COOLING SPEED |       | T5 - COOLING SPEED |       |
|----------------|------------------------------|-------|------|------------------------------|-------|------|--------------------|-------|--------------------|-------|--------------------|-------|
|                | CFM                          | WATTS | RISE | CFM                          | WATTS | RISE | CFM                | WATTS | CFM                | WATTS | CFM                | WATTS |
| 0.1            | 997                          | 147   | 45   | 1276                         | 284   | 47   | 1059               | 137   | 1253               | 238   | 1359               | 317   |
| 0.2            | 965                          | 155   | 47   | 1238                         | 284   | 48   | 1008               | 144   | 1207               | 245   | 1326               | 319   |
| 0.3            | 922                          | 165   | 49   | 1206                         | 289   | 50   | 956                | 151   | 1163               | 253   | 1285               | 331   |
| 0.4            | 886                          | 173   | 51   | 1164                         | 302   | 52   | 908                | 158   | 1118               | 260   | 1249               | 333   |
| 0.5            | 835                          | 182   | 54   | 1131                         | 314   | 53   | 857                | 166   | 1071               | 268   | 1211               | 345   |
| 0.6            | 781                          | 188   | 58   | 1086                         | 319   | 55   | 784                | 175   | 1023               | 275   | 1168               | 348   |
| 0.7            | 731                          | 200   | 62   | 1038                         | 319   | 58   | 732                | 180   | 973                | 283   | 1126               | 360   |
| 0.8            | 677                          | 202   | X    | 984                          | 322   | 61   | 673                | 188   | 923                | 290   | 1082               | 362   |

**GPDM336\*\*\*41 - RISE RANGE: HIGH FIRE 35° - 65° LOW FIRE 25° - 55°**

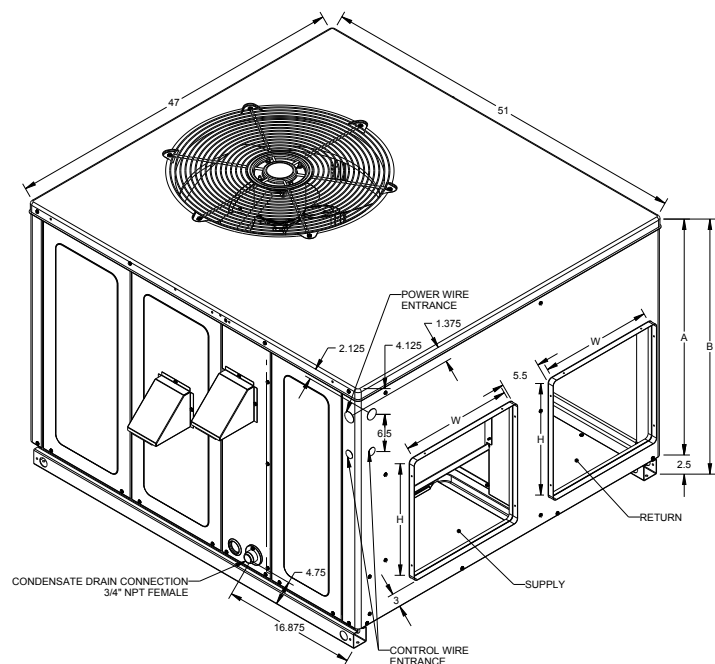
| UNIT<br>STATIC | T1 - 1ST STAGE HEATING SPEED |       |      | T2 - 2ND STAGE HEATING SPEED |       |      | T3 - COOLING SPEED |       | T4 - COOLING SPEED |       | T5 - COOLING SPEED |       |
|----------------|------------------------------|-------|------|------------------------------|-------|------|--------------------|-------|--------------------|-------|--------------------|-------|
|                | CFM                          | WATTS | RISE | CFM                          | WATTS | RISE | CFM                | WATTS | CFM                | WATTS | CFM                | WATTS |
| 0.1            | 997                          | 147   | 45   | 1276                         | 284   | 47   | 1317               | 230   | 1390               | 325   | 1481               | 404   |
| 0.2            | 965                          | 155   | 47   | 1238                         | 284   | 48   | 1269               | 237   | 1347               | 330   | 1447               | 410   |
| 0.3            | 922                          | 165   | 49   | 1206                         | 289   | 50   | 1221               | 245   | 1305               | 339   | 1410               | 419   |
| 0.4            | 886                          | 173   | 51   | 1164                         | 302   | 52   | 1174               | 253   | 1263               | 344   | 1378               | 428   |
| 0.5            | 835                          | 182   | 54   | 1131                         | 314   | 53   | 1126               | 260   | 1223               | 354   | 1340               | 439   |
| 0.6            | 781                          | 188   | 58   | 1086                         | 319   | 55   | 1078               | 268   | 1182               | 358   | 1304               | 443   |
| 0.7            | 731                          | 200   | 62   | 1038                         | 319   | 58   | 1030               | 276   | 1138               | 368   | 1272               | 448   |
| 0.8            | 677                          | 202   | X    | 984                          | 322   | 61   | 982                | 283   | 1091               | 372   | 1229               | 454   |

**GPDM342\*\*\*41 - RISE RANGE: 35° - 65°**

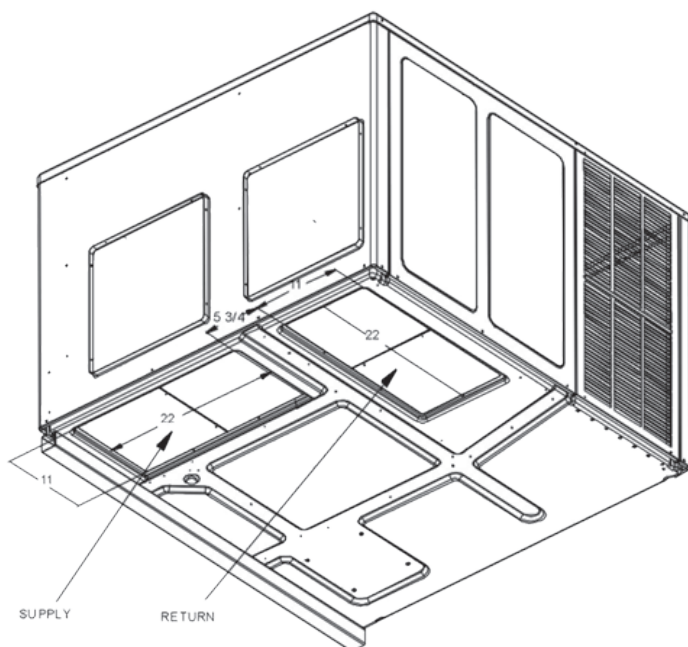
| UNIT<br>STATIC | T1 - 1ST STAGE HEATING SPEED |       |      | T2 - 2ND STAGE HEATING SPEED |       |      | T3 - COOLING SPEED |       | T4 - COOLING SPEED |       | T5 - COOLING SPEED |       |
|----------------|------------------------------|-------|------|------------------------------|-------|------|--------------------|-------|--------------------|-------|--------------------|-------|
|                | CFM                          | WATTS | RISE | CFM                          | WATTS | RISE | CFM                | WATTS | CFM                | WATTS | CFM                | WATTS |
| 0.1            | 1098                         | 167   | 51   | 1423                         | 324   | 53   | 1354               | 260   | 1520               | 423   | 1648               | 509   |
| 0.2            | 1038                         | 178   | 54   | 1375                         | 335   | 55   | 1296               | 267   | 1475               | 432   | 1599               | 518   |
| 0.3            | 991                          | 184   | 57   | 1322                         | 347   | 57   | 1237               | 275   | 1430               | 439   | 1549               | 529   |
| 0.4            | 932                          | 192   | 60   | 1275                         | 347   | 59   | 1178               | 283   | 1381               | 445   | 1502               | 534   |
| 0.5            | 871                          | 204   | 65   | 1224                         | 357   | 61   | 1120               | 291   | 1331               | 452   | 1459               | 538   |
| 0.6            | 811                          | 213   | X    | 1172                         | 364   | 64   | 1061               | 299   | 1285               | 456   | 1414               | 547   |
| 0.7            | 753                          | 210   | X    | 1130                         | 379   | X    | 1002               | 306   | 1236               | 467   | 1360               | 552   |
| 0.8            | 704                          | 221   | X    | 1075                         | 384   | X    | 944                | 314   | 1185               | 472   | 1313               | 557   |

**GPDM348\*\*\*41 - RISE RANGE: 35° - 65°**

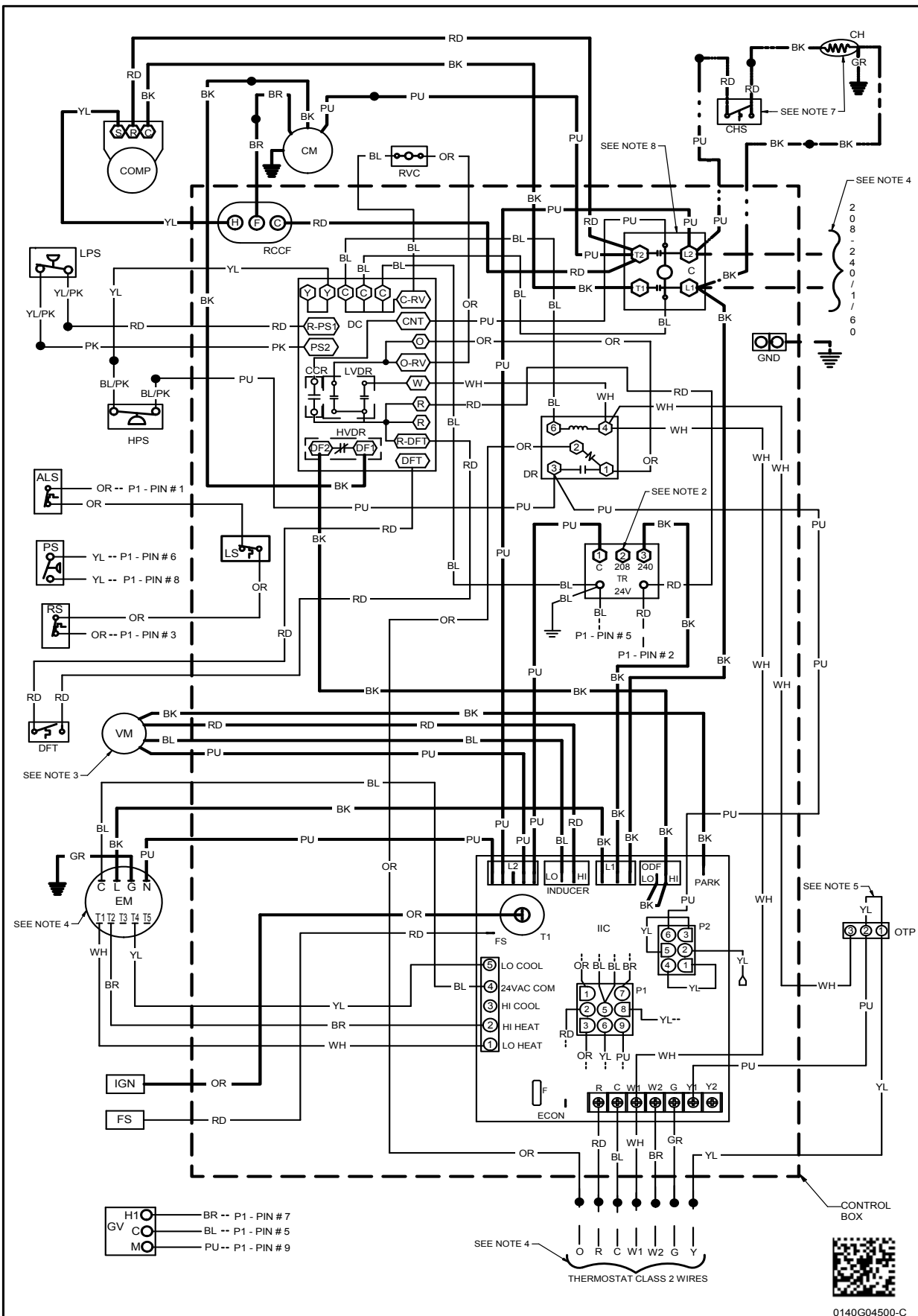
| UNIT<br>STATIC | T1 - 1ST STAGE HEATING SPEED |       |      | T2 - 2ND STAGE HEATING SPEED |       |      | T3 - COOLING SPEED |       | T4 - COOLING SPEED |       | T5 - COOLING SPEED |       |
|----------------|------------------------------|-------|------|------------------------------|-------|------|--------------------|-------|--------------------|-------|--------------------|-------|
|                | CFM                          | WATTS | RISE | CFM                          | WATTS | RISE | CFM                | WATTS | CFM                | WATTS | CFM                | WATTS |
| 0.1            | 1098                         | 167   | 51   | 1423                         | 324   | 53   | 1164               | 180   | 1520               | 423   | 1628               | 493   |
| 0.2            | 1038                         | 178   | 54   | 1375                         | 335   | 55   | 1100               | 188   | 1475               | 432   | 1581               | 501   |
| 0.3            | 991                          | 184   | 57   | 1322                         | 347   | 57   | 1037               | 196   | 1430               | 439   | 1534               | 508   |
| 0.4            | 932                          | 192   | 60   | 1275                         | 347   | 59   | 974                | 204   | 1381               | 445   | 1486               | 515   |
| 0.5            | 871                          | 204   | 65   | 1224                         | 357   | 61   | 910                | 212   | 1331               | 452   | 1439               | 524   |
| 0.6            | 811                          | 213   | X    | 1172                         | 364   | 64   | 847                | 220   | 1285               | 456   | 1392               | 527   |
| 0.7            | 753                          | 210   | X    | 1130                         | 379   | X    | 784                | 227   | 1236               | 467   | 1340               | 532   |
| 0.8            | 704                          | 221   | X    | 1075                         | 384   | X    | 720                | 235   | 1185               | 472   | 1290               | 537   |



| MODEL        | UNIT DIMENSIONS<br>(INCHES) |    |        |        | CHASSIS<br>SIZE |
|--------------|-----------------------------|----|--------|--------|-----------------|
|              |                             |    | HEIGHT |        |                 |
|              | W                           | D  | A      | B      |                 |
| GPDM32406041 | 47                          | 51 | 32     | 34 1/2 | Medium          |
| GPDM33008041 | 47                          | 51 | 32     | 34 1/2 | Medium          |
| GPDM33608041 | 47                          | 51 | 32     | 34 1/2 | Medium          |
| GPDM34210041 | 47                          | 51 | 40     | 42 1/2 | Large           |
| GPDM34810041 | 47                          | 51 | 40     | 42 1/2 | Large           |



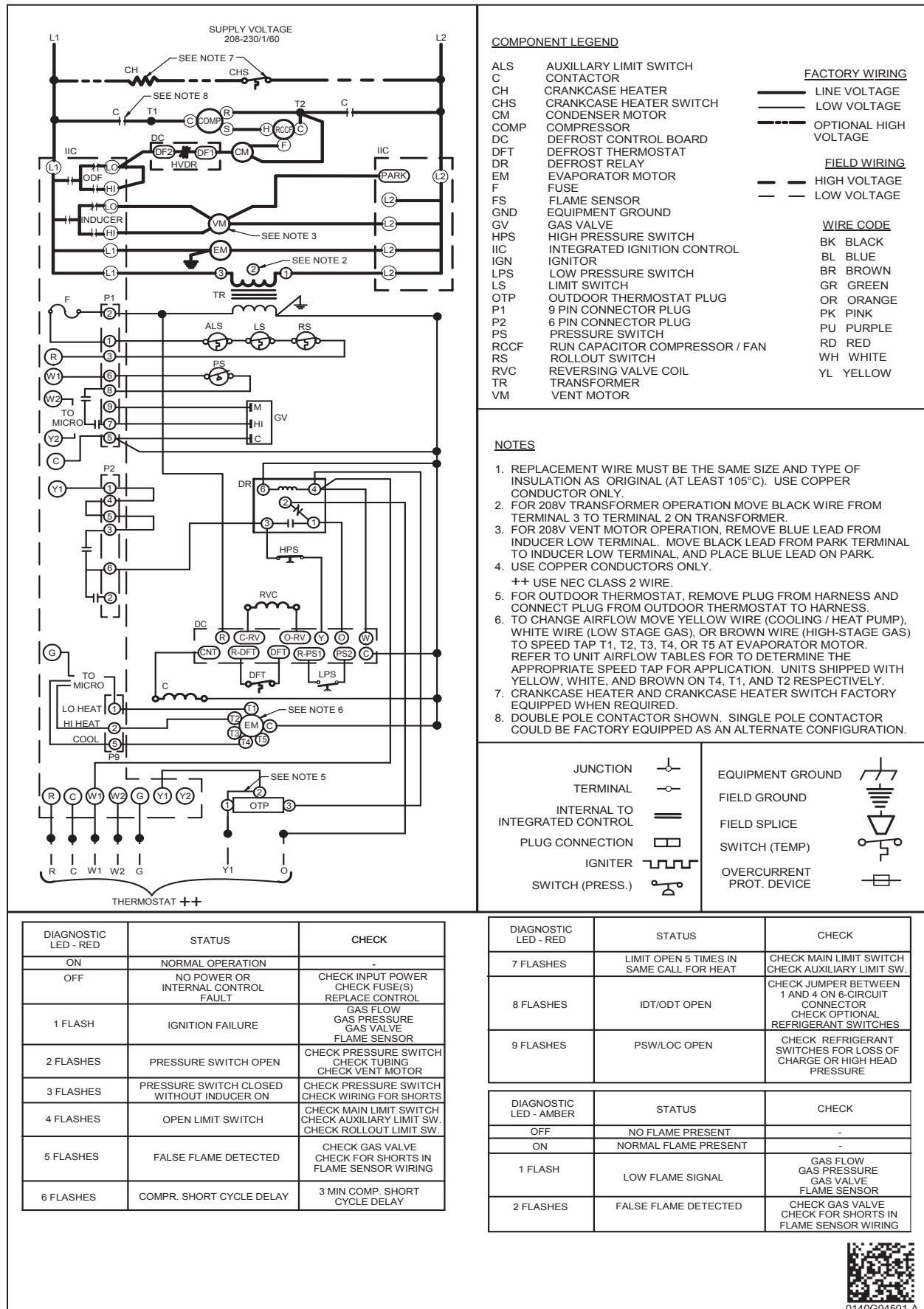
| MODEL        | DUCT OPENINGS |    |        |    |
|--------------|---------------|----|--------|----|
|              | SUPPLY        |    | RETURN |    |
|              | W             | H  | W      | H  |
| GPDM32406041 | 16            | 16 | 16     | 16 |
| GPDM33008041 | 16            | 16 | 16     | 16 |
| GPDM33608041 | 16            | 16 | 16     | 16 |
| GPDM34210041 | 16            | 18 | 16     | 18 |
| GPDM34810041 | 16            | 18 | 16     | 18 |



**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.

**WARNING**

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



| ACCESSORY<br>DESCRIPTION                        | ITEM NUMBER    |                             |
|-------------------------------------------------|----------------|-----------------------------|
|                                                 | MEDIUM CHASSIS | LARGE CHASSIS               |
| Concentric Kit                                  | CDK36          | CDK4872                     |
| Downflow Economizer                             | PGEDJ101/102   | PGEDJ103                    |
| Downflow Internal Filter Rack (with economizer) | DDNIFRPGMM     | N/A (built into economizer) |
| Downflow Internal Filter Rack (no economizer)   | DDNIFRPGA      | DDNIFRPGA                   |
| Downflow Manual Damper                          | PGMDD101/102   | PGMDD103                    |
| Downflow Motorized Damper                       | PGMDMD101/102  | PGMDMD103                   |
| Downflow Square to Round                        | SQRP101/102    | SQRP103                     |
| Economizer Wiring Harness                       | 0259G00215     | 0259G00215                  |
| External Horizontal Filter Rack                 | DPHFRA         | DPHFRA                      |
| Flue Extension Kit                              | FLHDKT-1       | FLHDKT-1                    |
| High-Altitude Kit                               | HA-03          | HA-03                       |
| Horizontal Duct Cover                           | 20464501PDGK   | 20464502PDGK                |
| Horizontal Economizer                           | DHZEENJPGCHM   | DHZEENJPGCHL                |
| Horizontal Manual Damper                        | PGMDH102       | PGMDH103                    |
| Horizontal Motorized Damper                     | PGMDMH102      | PGMDMH103                   |
| Horizontal Square to Round                      | SQRP101/102    | SQRP103                     |
| Internal Horizontal Filter Rack                 | DHZIFRPGCHA    | DHZIFRPGCHA                 |
| LP Conversion Kit                               | LPM-08         | LPM-08                      |
| Outdoor Thermostat with Housing                 | OTDFPKG-01     | OTDFPKG-01                  |
| Roof Curb                                       | D14CRBPGCHMA   | D14CRBPGCHMA                |