

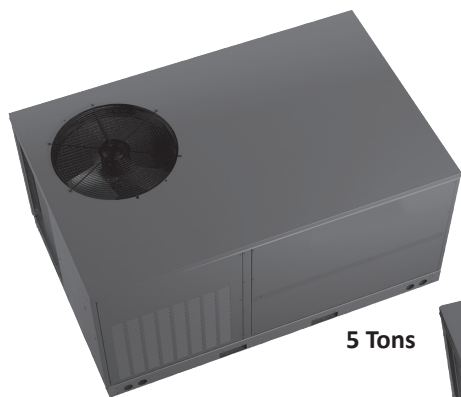


Air Conditioning & Heating

GPG16M

COOLING CAPACITY: 22,800 – 58,500 BTU/H
HEATING CAPACITY: 60,000 – 140,000 BTU/H

HIGH-EFFICIENCY
PACKAGED GAS / ELECTRIC
2 TO 5 TONS
UP TO 16 SEER / 81% AFUE



5 Tons



2 - 4 Tons



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Standard Features

- Durable, corrosion-resistant T-140 aluminized steel tubular heat exchanger
- High-efficiency two-stage scroll compressor
- Convertible airflow: horizontal or downflow application
- Multi-speed ECM indoor blower motor
- Copper tube/aluminum fin condenser coil
- All-aluminum evaporator coil on 2- to 4-ton units
- Aluminum-copper evaporator coil on 5-ton units
- Power-assisted combustion
- Loss-of-charge protection & high-pressure switch
- AHRI Certified; ETL Listed
- Two-stage gas valve; natural gas with easy conversion to propane with accessory kit
- 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
- For installation in California's South Coast Air Quality Management District (SCAQMD) only: This furnace does not meet the SCAQMD Rule 1111 14 ng/J NOx emission limit, and thus is subject to a mitigation fee of up to \$450. This furnace is not eligible for the SCAQMD Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com.




Cabinet Features

- Fully insulated heavy-gauge, zinc-coated steel cabinet with UV-resistant powder-paint finish
- Aluminum foil-facing internal insulation reinforced with fiberglass scrim
- Convenient access panels
- One roof curb fits 2-4 ton units
- Bottom, 2" high base rails for easier handling
- 2-4 ton 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



* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

| | G | P | G | 16 | 36 | 080 | M | 4 | 1 | ** | | |
|-------------------------|------------------|-----------|------------|-----|-----|--------|----|----|----|--------------------|------------------------|----------------|
| | 1 | 2 | 3 | 4,5 | 6,7 | 8,9,10 | 11 | 12 | 13 | 14,15 | | |
| Brand | G Goodman® brand | | | | | | | | | | Engineering | |
| | | | | | | | | | | | Major/ Minor Revisions | |
| Product Category | P Packaged Unit | | | | | | | | | Electrical | | |
| | | | | | | | | | | 1 208-230/1/60 | | |
| Unit Type | G Gas/Electric | | | | | | | | | Refrigerant | | |
| | D Dual-Fuel | | | | | | | | | 4 R-410A | | |
| Efficiency | 14 14 SEER | | | | | | | | | Airflow | | |
| | 16 16 SEER | | | | | | | | | M Multi-Position | | |
| Nominal Capacity | | | | | | | | | | Heat Input | | |
| | 24 2 Tons | 36 3 Tons | 42 3½ Tons | | | | | | | | 60 60 MBTU/h | 100 100 MBTU/h |
| | 30 2½ tons | 37 3 Tons | 48 4 Tons | | | | | | | | 80 80 MBTU/h | 120 120 MBTU/h |
| | 60 5 Tons | | | | | | | | | | 140 138 MBTU/h | |

| | GPG1624 060M41AA | GPG1630 080M41AA | GPG1636 080M41AA | GPG1642 100M41AA | GPG1648 100M41AA | GPG1660 140M41AA |
|--|---------------------|---------------------|---|---|---|---------------------|
| COOLING CAPACITY | | | | | | |
| Total BTU/h | 22,800 | 28,600 | 34,200 | 40,000 | 45,500 | 58,500 |
| Sensible BTU/h | 18,200 | 21,800 | 27,400 | 29,600 | 32,800 | 43,500 |
| SEER / EER | 16.0 / 12.0 | 15.5 / 12.0 | 16.0 / 12.0 | 16.0 / 12.0 | 16.0 / 12.0 | 16.0 / 12.0 |
| Decibels | 76 | 76 | 76 | 78 | 78 | 78 |
| AHRI Reference #s | 8082387 | 8082383 | 8082384 | 8082385 | 8082386 | 9134477 |
| HEATING CAPACITY (BTU/H) | | | | | | |
| High-Fire Input / Output | 60,000 / 47,000 | 80,000 / 62,000 | 80,000 / 62,000 | 100,000 / 78,000 | 100,000 / 78,000 | 138,000 / 112,000 |
| Low-Fire Input / Output | 45,000 / 35,000 | 60,000 / 47,000 | 60,000 / 47,000 | 75,000 / 58,000 | 75,000 / 58,000 | 103,000 / 84,000 |
| AFUE | 81 | 81 | 81 | 81 | 81 | 81 |
| Temperature Rise Range | 35- 65 | 35- 65 | 35- 65 | 35- 65 | 35- 65 | 55-105 |
| No. of Burners | 3 | 4 | 4 | 5 | 5 | 6 |
| Orifice Size (Natural/Propane) | 45 / 1.25MM | 45 / 1.25MM | 45 / 1.25MM | 45 / 1.25MM | 45 / 1.25MM | 53 / 1.51MM |
| EVAPORATOR MOTOR | | | | | | |
| Type | ECM | ECM | ECM | ECM | ECM | ECM |
| Wheel (D x W) | 10" x 8" | 10" x 9" | 11" x 10" | 11" x 10" | 11" x 10" | 11" x 10" |
| Indoor Nominal CFM | 800 | 950 | 1,200 | 1,250 | 1,300 | 2,000 |
| Motor Speed Tap (Cooling) | T3 L / T4 H | T3 L / T4 H | T3 L / T4 H | T3 L / T4 H | T3 L / T4 H | T3 L / T1 H |
| RPM/Amps (Cooling) | 1050 / 3.8 | 1050 / 3.8 | 1050 / 3.8 | 1050 / 5.4 | 1050 / 5.4 | 1050 / 6.9 |
| Horsepower | 1/2 | 1/2 | 1/2 | 3/4 | 3/4 | 1 |
| EVAPORATOR COIL | | | | | | |
| Face Area (ft ²) | 4.3 | 4.3 | 5.7 | 5.7 | 5.7 | 8.9 |
| Rows Deep/Fins per Inch | 3 / 14 | 3 / 14 | 4 / 14 | 4 / 14 | 4 / 14 | 4 / 16 |
| Piston Size (Cooling) | TXV | TXV | TXV | TXV | TXV | TXV |
| Filter Size (ft ²) | 3.5 | 4.3 | 4.3 | 5.6 | 5.6 | 8.9 |
| Drain Size (NPT) | ¾" | ¾" | ¾" | ¾" | ¾" | ¾" |
| Refrigerant Charge (oz.) | 70 | 70 | 158 | 143 | 100 | 154 |
| CONDENSER FAN / COIL | | | | | | |
| Horsepower- RPM | 1/6- 815 | 1/4- 830 | 1/4- 830 | 1/4- 1,075 | 1/4- 1,075 | 1/3- 1,095 |
| Diameter / # of Blades | 22" / 3 | 22" / 3 | 22" / 3 | 22" / 3 | 22" / 3 | 22" / 4 |
| Outdoor Nominal CFM | 2,200 | 2,200 | 2,600 | 3,200 | 3,100 | 3,800 |
| Face Area (ft ²) | 12.3 | 8.7 | 14.9 | 14.9 | 14.4 | 19 |
| Rows Deep/Fins per Inch | 1 / 24 | 2 / 27 | 2 / 16 | 2 / 16 | 2 / 27 | 2 / 27 |
| COMPRESSOR | | | | | | |
| Quantity / Type / Stage | 1 / Scroll / 2 | 1 / Scroll / 2 | 1 / Scroll / 2 | 1 / Scroll / 2 | 1 / Scroll / 2 | 1 / Scroll / 2 |
| Compressor RLA/LRA | 11.7 / 58.3 | 13.1 / 73.0 | 15.3 / 83.0 | 17.9 / 96.0 | 21.2 / 104.0 | 26.9 / 152.9 |
| ELECTRICAL DATA | | | | | | |
| Voltage-Phase (Frequency 60Hz) | 208/230-1 | 208/230-1 | 208/230-1 | 208/230-1 | 208/230-1 | 208/230-1 |
| Indoor Blower FLA/LRA | 3.8 | 3.8 | 3.8 | 5.4 | 5.4 | 6.9 |
| Outdoor Fan FLA/LRA | 1.1 / 1.7 | 1.5 / 3.0 | 1.5 / 3.0 | 1.4 / 2.9 | 1.4 / 2.9 | 2/4.4 |
| Total Unit Amps | 16.6 | 18.4 | 20.6 | 24.7 | 28.0 | 35.8 |
| Min. Circuit Ampacity ¹ | 19.5 | 21.7 | 24.4 | 29.2 | 33.3 | 42.5 |
| Max. Overcurrent Protection ² | 30 amps | 30 amps | 35 amps | 45 amps | 50 amps | 60 amps |
| Entrance Size Power Supply | 1½" | 1½" | 1½" | 1½" | 1½" | 1½" |
| Entrance Size Control Voltage | ⅞" | ⅞" | ⅞" | ⅞" | ⅞" | ⅞" |
| OPERATING / SHIP WEIGHTS (LBS) | | | | | | |
| | 370 / 380 | 397 / 407 | 470 / 480 | 495 / 505 | 490 / 500 | 630 / 660 |
| ENERGY STAR® CERTIFIED | | | | | | |
| | NO | NO |  |  |  | NO |

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

² Must use time-delay 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.

| IDB | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---------|-----------------------------|------|------|-----|------|------|------|-----|------|------|------|-----|------|------|------|-----|-------|------|------|-----|-------|------|------|----|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | MBh | 23.3 | 24.1 | 26.4 | - | 22.7 | 23.5 | 25.8 | - | 22.2 | 23.0 | 25.2 | - | 21.6 | 22.4 | 24.6 | - | 20.5 | 21.3 | 23.3 | - | 19.0 | 19.7 | 21.6 | - |
| | S/T | 0.80 | 0.67 | 0.46 | - | 0.83 | 0.69 | 0.48 | - | 0.85 | 0.71 | 0.49 | - | 0.88 | 0.73 | 0.51 | - | 0.91 | 0.76 | 0.53 | - | 0.92 | 0.77 | 0.53 | - |
| | Δ T | 19 | 16 | 12 | - | 19 | 16 | 13 | - | 19 | 16 | 13 | - | 19 | 17 | 13 | - | 19 | 16 | 12 | - | 18 | 15 | 12 | - |
| | kW | 1.56 | 1.59 | 1.64 | - | 1.68 | 1.72 | 1.78 | - | 1.79 | 1.83 | 1.89 | - | 1.89 | 1.93 | 2.00 | - | 1.97 | 2.02 | 2.09 | - | 2.04 | 2.09 | 2.16 | - |
| | Amps | 6.9 | 7.0 | 7.2 | - | 7.4 | 7.5 | 7.7 | - | 7.9 | 8.1 | 8.3 | - | 8.4 | 8.6 | 8.9 | - | 8.9 | 9.1 | 9.4 | - | 9.4 | 9.6 | 9.9 | - |
| | HI PR | 237 | 255 | 269 | - | 266 | 286 | 302 | - | 302 | 325 | 344 | - | 344 | 371 | 391 | - | 388 | 417 | 440 | - | 428 | 461 | 487 | - |
| LO PR | 112 | 119 | 130 | - | 118 | 126 | 137 | - | 123 | 131 | 143 | - | 129 | 137 | 150 | - | 135 | 144 | 157 | - | 140 | 149 | 162 | - | |
| 811 | MBh | 22.6 | 23.4 | 25.6 | - | 22.0 | 22.9 | 25.0 | - | 21.5 | 22.3 | 24.4 | - | 21.0 | 21.8 | 23.8 | - | 19.9 | 20.7 | 22.7 | - | 18.5 | 19.2 | 21.0 | - |
| | S/T | 0.76 | 0.64 | 0.44 | - | 0.79 | 0.66 | 0.46 | - | 0.81 | 0.68 | 0.47 | - | 0.84 | 0.70 | 0.48 | - | 0.87 | 0.73 | 0.50 | - | 0.88 | 0.73 | 0.51 | - |
| | Δ T | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 18 | 16 | 12 | - |
| | kW | 1.54 | 1.58 | 1.63 | - | 1.67 | 1.71 | 1.76 | - | 1.78 | 1.82 | 1.88 | - | 1.87 | 1.92 | 1.98 | - | 1.95 | 2.00 | 2.07 | - | 2.03 | 2.07 | 2.14 | - |
| | Amps | 6.8 | 7.0 | 7.2 | - | 7.3 | 7.5 | 7.7 | - | 7.9 | 8.0 | 8.3 | - | 8.3 | 8.5 | 8.8 | - | 8.8 | 9.0 | 9.3 | - | 9.3 | 9.5 | 9.8 | - |
| | HI PR | 235 | 253 | 267 | - | 263 | 283 | 299 | - | 299 | 322 | 340 | - | 341 | 367 | 388 | - | 384 | 413 | 436 | - | 424 | 456 | 482 | - |
| LO PR | 111 | 118 | 129 | - | 117 | 124 | 136 | - | 122 | 129 | 141 | - | 128 | 136 | 148 | - | 134 | 142 | 155 | - | 138 | 147 | 161 | - | |
| 711 | MBh | 20.8 | 21.6 | 23.7 | - | 20.4 | 21.1 | 23.1 | - | 19.9 | 20.6 | 22.6 | - | 19.4 | 20.1 | 22.0 | - | 18.4 | 19.1 | 20.9 | - | 17.1 | 17.7 | 19.4 | - |
| | S/T | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.64 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.67 | 0.47 | - | 0.84 | 0.70 | 0.49 | - | 0.85 | 0.71 | 0.49 | - |
| | Δ T | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 18 | 13 | - | 20 | 17 | 13 | - | 19 | 16 | 12 | - |
| | kW | 1.51 | 1.54 | 1.59 | - | 1.63 | 1.66 | 1.72 | - | 1.73 | 1.77 | 1.83 | - | 1.82 | 1.87 | 1.93 | - | 1.90 | 1.95 | 2.01 | - | 1.97 | 2.02 | 2.09 | - |
| | Amps | 6.6 | 6.8 | 7.0 | - | 7.1 | 7.3 | 7.5 | - | 7.7 | 7.8 | 8.1 | - | 8.1 | 8.3 | 8.6 | - | 8.6 | 8.8 | 9.1 | - | 9.1 | 9.3 | 9.6 | - |
| | HI PR | 228 | 245 | 259 | - | 255 | 275 | 290 | - | 290 | 313 | 330 | - | 331 | 356 | 376 | - | 372 | 401 | 423 | - | 411 | 443 | 467 | - |
| LO PR | 107 | 114 | 125 | - | 113 | 121 | 132 | - | 118 | 125 | 137 | - | 124 | 132 | 144 | - | 130 | 138 | 151 | - | 134 | 143 | 156 | - | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 910 | MBh | 23.6 | 24.3 | 26.4 | 28.3 | 23.1 | 23.8 | 25.7 | 27.6 | 22.5 | 23.2 | 25.1 | 27.0 | 22.0 | 22.6 | 24.5 | 26.3 | 20.9 | 21.5 | 23.3 | 25.0 | 19.4 | 19.9 | 21.6 | 23.2 |
| | S/T | 0.91 | 0.81 | 0.62 | 0.40 | 0.94 | 0.84 | 0.64 | 0.41 | 0.97 | 0.87 | 0.65 | 0.42 | 1.00 | 0.89 | 0.68 | 0.43 | 1.00 | 0.93 | 0.70 | 0.45 | 1.00 | 0.93 | 0.71 | 0.46 |
| | Δ T | 22 | 20 | 16 | 11 | 22 | 20 | 17 | 11 | 22 | 20 | 17 | 11 | 22 | 20 | 17 | 12 | 21 | 20 | 17 | 11 | 20 | 19 | 15 | 11 |
| | kW | 1.57 | 1.61 | 1.66 | 1.71 | 1.70 | 1.73 | 1.79 | 1.85 | 1.81 | 1.85 | 1.91 | 1.98 | 1.91 | 1.95 | 2.02 | 2.09 | 1.99 | 2.03 | 2.10 | 2.18 | 2.06 | 2.11 | 2.18 | 2.26 |
| | Amps | 6.9 | 7.1 | 7.3 | 7.5 | 7.4 | 7.6 | 7.8 | 8.1 | 8.0 | 8.2 | 8.4 | 8.7 | 8.5 | 8.7 | 8.9 | 9.2 | 9.0 | 9.2 | 9.5 | 9.8 | 9.5 | 9.7 | 10.0 | 10.3 |
| | HI PR | 239 | 258 | 272 | 284 | 269 | 289 | 305 | 318 | 306 | 329 | 347 | 362 | 348 | 375 | 395 | 412 | 392 | 421 | 445 | 464 | 433 | 466 | 492 | 513 |
| LO PR | 113 | 120 | 131 | 140 | 119 | 127 | 139 | 148 | 124 | 132 | 144 | 153 | 130 | 139 | 151 | 161 | 137 | 145 | 159 | 169 | 141 | 150 | 164 | 175 | |
| 811 | MBh | 23.0 | 23.6 | 25.6 | 27.5 | 22.4 | 23.1 | 25.0 | 26.8 | 21.9 | 22.5 | 24.4 | 26.2 | 21.4 | 22.0 | 23.8 | 25.5 | 20.3 | 20.9 | 22.6 | 24.3 | 18.8 | 19.3 | 20.9 | 22.5 |
| | S/T | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.92 | 0.83 | 0.62 | 0.40 | 0.95 | 0.85 | 0.64 | 0.41 | 0.99 | 0.88 | 0.67 | 0.43 | 1.00 | 0.89 | 0.67 | 0.43 |
| | Δ T | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 21 | 20 | 16 | 11 |
| | kW | 1.56 | 1.59 | 1.64 | 1.70 | 1.68 | 1.72 | 1.78 | 1.84 | 1.79 | 1.83 | 1.89 | 1.96 | 1.89 | 1.93 | 2.00 | 2.07 | 1.97 | 2.02 | 2.09 | 2.16 | 2.04 | 2.09 | 2.16 | 2.24 |
| | Amps | 6.9 | 7.0 | 7.2 | 7.5 | 7.4 | 7.5 | 7.7 | 8.0 | 7.9 | 8.1 | 8.3 | 8.6 | 8.4 | 8.6 | 8.9 | 9.2 | 8.9 | 9.1 | 9.4 | 9.7 | 9.4 | 9.6 | 9.9 | 10.2 |
| | HI PR | 237 | 255 | 269 | 281 | 266 | 286 | 302 | 315 | 303 | 326 | 344 | 359 | 345 | 371 | 392 | 408 | 388 | 417 | 440 | 459 | 428 | 461 | 487 | 508 |
| LO PR | 112 | 119 | 130 | 138 | 118 | 126 | 137 | 146 | 123 | 131 | 143 | 152 | 129 | 137 | 150 | 160 | 135 | 144 | 157 | 167 | 140 | 149 | 162 | 173 | |
| 711 | MBh | 21.2 | 21.8 | 23.6 | 25.3 | 20.7 | 21.3 | 23.1 | 24.8 | 20.2 | 20.8 | 22.5 | 24.2 | 19.7 | 20.3 | 22.0 | 23.6 | 18.7 | 19.3 | 20.9 | 22.4 | 17.3 | 17.9 | 19.3 | 20.7 |
| | S/T | 0.84 | 0.75 | 0.57 | 0.36 | 0.87 | 0.78 | 0.59 | 0.38 | 0.89 | 0.80 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.95 | 0.85 | 0.65 | 0.42 | 0.96 | 0.86 | 0.65 | 0.42 |
| | Δ T | 23 | 21 | 17 | 12 | 23 | 21 | 18 | 12 | 23 | 21 | 18 | 12 | 23 | 22 | 18 | 12 | 23 | 21 | 17 | 12 | 22 | 20 | 16 | 11 |
| | kW | 1.52 | 1.55 | 1.60 | 1.66 | 1.64 | 1.68 | 1.73 | 1.79 | 1.75 | 1.79 | 1.85 | 1.91 | 1.84 | 1.88 | 1.95 | 2.01 | 1.92 | 1.96 | 2.03 | 2.10 | 1.99 | 2.04 | 2.11 | 2.18 |
| | Amps | 6.7 | 6.8 | 7.0 | 7.3 | 7.2 | 7.3 | 7.5 | 7.8 | 7.7 | 7.9 | 8.1 | 8.4 | 8.2 | 8.4 | 8.6 | 8.9 | 8.7 | 8.9 | 9.1 | 9.5 | 9.1 | 9.3 | 9.6 | 10.0 |
| | HI PR | 230 | 247 | 261 | 273 | 258 | 278 | 293 | 306 | 293 | 316 | 333 | 348 | 334 | 360 | 380 | 396 | 376 | 405 | 427 | 446 | 415 | 447 | 472 | 492 |
| LO PR | 108 | 115 | 126 | 134 | 115 | 122 | 133 | 142 | 119 | 127 | 138 | 147 | 125 | 133 | 145 | 155 | 131 | 140 | 152 | 162 | 136 | 144 | 158 | 168 | |

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

| IDB AIRFLOW | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|------------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|------|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | |
| 910 | MBh | 24.1 | 24.6 | 26.3 | 28.1 | 23.5 | 24.0 | 25.7 | 27.4 | 22.9 | 23.4 | 25.1 | 26.8 | 22.4 | 22.9 | 24.4 | 26.1 | 21.3 | 21.7 | 23.2 | 24.8 | 19.7 | 20.1 | 21.5 | 23.0 | |
| | S/T | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.97 | 0.79 | 0.59 | 1.00 | 1.00 | 0.81 | 0.61 | 1.00 | 1.00 | 0.84 | 0.62 | 1.00 | 1.00 | 0.87 | 0.65 | 1.00 | 1.00 | 0.87 | 0.65 | |
| | Δ T | 24 | 23 | 20 | 16 | 24 | 24 | 20 | 16 | 23 | 24 | 20 | 16 | 23 | 23 | 21 | 16 | 21 | 22 | 20 | 16 | 20 | 20 | 19 | 15 | |
| | kW | 1.58 | 1.62 | 1.67 | 1.73 | 1.71 | 1.75 | 1.81 | 1.87 | 1.82 | 1.86 | 1.93 | 1.99 | 1.92 | 1.97 | 2.03 | 2.10 | 2.01 | 2.05 | 2.12 | 2.20 | 2.08 | 2.13 | 2.20 | 2.28 | |
| | Amps | 7.0 | 7.1 | 7.3 | 7.6 | 7.5 | 7.6 | 7.9 | 8.1 | 8.1 | 8.2 | 8.5 | 8.8 | 8.6 | 8.7 | 9.0 | 9.3 | 9.1 | 9.3 | 9.5 | 9.9 | 9.5 | 9.8 | 10.1 | 10.4 | |
| | HI PR | 242 | 260 | 275 | 287 | 271 | 292 | 308 | 322 | 309 | 332 | 351 | 366 | 352 | 378 | 399 | 417 | 395 | 426 | 449 | 469 | 437 | 470 | 497 | 518 | |
| | LO PR | 114 | 121 | 133 | 141 | 121 | 128 | 140 | 149 | 125 | 133 | 146 | 155 | 132 | 140 | 153 | 163 | 138 | 147 | 160 | 171 | 143 | 152 | 166 | 176 | |
| | 811 | MBh | 23.4 | 23.9 | 25.5 | 27.3 | 22.8 | 23.3 | 24.9 | 26.6 | 22.3 | 22.8 | 24.3 | 26.0 | 21.7 | 22.2 | 23.7 | 25.4 | 20.6 | 21.1 | 22.5 | 24.1 | 19.1 | 19.5 | 20.9 | 22.3 |
| | | S/T | 0.95 | 0.89 | 0.73 | 0.54 | 0.99 | 0.93 | 0.75 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 0.98 | 0.80 | 0.60 | 1.00 | 1.00 | 0.83 | 0.62 | 1.00 | 1.00 | 0.83 | 0.62 |
| | | Δ T | 25 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 25 | 25 | 21 | 17 | 25 | 25 | 21 | 17 | 23 | 24 | 21 | 17 | 22 | 22 | 20 | 16 |
| kW | | 1.57 | 1.61 | 1.66 | 1.71 | 1.70 | 1.73 | 1.79 | 1.85 | 1.81 | 1.85 | 1.91 | 1.98 | 1.91 | 1.95 | 2.02 | 2.09 | 1.99 | 2.03 | 2.10 | 2.18 | 2.06 | 2.11 | 2.18 | 2.26 | |
| Amps | | 6.9 | 7.1 | 7.3 | 7.5 | 7.4 | 7.6 | 7.8 | 8.1 | 8.0 | 8.2 | 8.4 | 8.7 | 8.5 | 8.7 | 8.9 | 9.2 | 9.0 | 9.2 | 9.5 | 9.8 | 9.5 | 9.7 | 10.0 | 10.3 | |
| HI PR | | 239 | 258 | 272 | 284 | 269 | 289 | 305 | 318 | 306 | 329 | 347 | 362 | 348 | 375 | 396 | 413 | 392 | 421 | 445 | 464 | 433 | 466 | 492 | 513 | |
| LO PR | | 113 | 120 | 131 | 140 | 119 | 127 | 139 | 148 | 124 | 132 | 144 | 153 | 130 | 139 | 151 | 161 | 137 | 145 | 159 | 169 | 141 | 150 | 164 | 175 | |
| 711 | | MBh | 21.6 | 22.0 | 23.5 | 25.2 | 21.1 | 21.5 | 23.0 | 24.6 | 20.6 | 21.0 | 22.4 | 24.0 | 20.1 | 20.5 | 21.9 | 23.4 | 19.1 | 19.5 | 20.8 | 22.2 | 17.7 | 18.0 | 19.3 | 20.6 |
| | | S/T | 0.92 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.73 | 0.54 | 0.98 | 0.92 | 0.74 | 0.56 | 1.01 | 0.94 | 0.77 | 0.57 | 1.05 | 0.98 | 0.80 | 0.60 | 1.05 | 0.99 | 0.80 | 0.60 |
| | | Δ T | 26 | 25 | 21 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | 21 | 17 | 24 | 23 | 20 | 16 |
| | kW | 1.53 | 1.57 | 1.62 | 1.67 | 1.65 | 1.69 | 1.75 | 1.81 | 1.76 | 1.80 | 1.86 | 1.93 | 1.86 | 1.90 | 1.96 | 2.03 | 1.94 | 1.98 | 2.05 | 2.12 | 2.01 | 2.05 | 2.12 | 2.20 | |
| | Amps | 6.8 | 6.9 | 7.1 | 7.3 | 7.2 | 7.4 | 7.6 | 7.9 | 7.8 | 8.0 | 8.2 | 8.5 | 8.3 | 8.5 | 8.7 | 9.0 | 8.7 | 8.9 | 9.2 | 9.5 | 9.2 | 9.4 | 9.7 | 10.1 | |
| | HI PR | 232 | 250 | 264 | 275 | 261 | 280 | 296 | 309 | 296 | 319 | 337 | 351 | 338 | 363 | 384 | 400 | 380 | 409 | 432 | 450 | 420 | 452 | 477 | 497 | |
| | LO PR | 110 | 117 | 127 | 136 | 116 | 123 | 134 | 143 | 120 | 128 | 140 | 149 | 126 | 134 | 147 | 156 | 132 | 141 | 154 | 164 | 137 | 146 | 159 | 169 | |
| | 910 | MBh | 24.5 | 25.0 | 26.1 | 27.9 | 23.9 | 24.4 | 25.5 | 27.2 | 23.3 | 23.8 | 24.9 | 26.6 | 22.8 | 23.2 | 24.3 | 25.9 | 22.1 | 22.5 | 23.6 | 25.2 | 20.0 | 20.4 | 21.4 | 22.8 |
| | | S/T | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.77 | 1.00 | 1.00 | 0.97 | 0.79 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.99 | 0.80 | 1.00 | 1.00 | 1.00 | 0.81 |
| | | Δ T | 25 | 25 | 24 | 21 | 24 | 25 | 24 | 21 | 24 | 24 | 24 | 21 | 23 | 23 | 25 | 21 | 22 | 22 | 23 | 21 | 20 | 21 | 22 | 20 |
| kW | | 1.60 | 1.63 | 1.69 | 1.74 | 1.73 | 1.76 | 1.82 | 1.88 | 1.84 | 1.88 | 1.94 | 2.01 | 1.94 | 1.98 | 2.05 | 2.12 | 2.02 | 2.07 | 2.14 | 2.22 | 2.10 | 2.15 | 2.22 | 2.30 | |
| Amps | | 7.0 | 7.2 | 7.4 | 7.6 | 7.5 | 7.7 | 7.9 | 8.2 | 8.1 | 8.3 | 8.5 | 8.8 | 8.6 | 8.8 | 9.1 | 9.4 | 9.1 | 9.3 | 9.6 | 10.0 | 9.6 | 9.8 | 10.1 | 10.5 | |
| HI PR | | 244 | 263 | 278 | 290 | 274 | 295 | 311 | 325 | 312 | 335 | 354 | 369 | 355 | 382 | 403 | 421 | 399 | 430 | 454 | 473 | 441 | 475 | 501 | 523 | |
| LO PR | | 115 | 123 | 134 | 143 | 122 | 130 | 141 | 151 | 127 | 135 | 147 | 157 | 133 | 141 | 154 | 164 | 139 | 148 | 162 | 172 | 144 | 153 | 167 | 178 | |
| 811 | | MBh | 23.8 | 24.2 | 25.4 | 27.1 | 23.2 | 23.7 | 24.8 | 26.4 | 22.7 | 23.1 | 24.2 | 25.8 | 22.1 | 22.5 | 23.6 | 25.2 | 21.0 | 21.4 | 22.4 | 23.9 | 19.5 | 19.8 | 20.8 | 22.2 |
| | | S/T | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.99 | 0.80 | 1.00 | 1.00 | 1.00 | 0.81 |
| | | Δ T | 27 | 26 | 25 | 22 | 26 | 27 | 25 | 22 | 26 | 26 | 25 | 22 | 25 | 26 | 26 | 22 | 24 | 24 | 25 | 22 | 22 | 22 | 23 | 20 |
| | kW | 1.58 | 1.62 | 1.67 | 1.73 | 1.71 | 1.75 | 1.81 | 1.87 | 1.82 | 1.86 | 1.93 | 1.99 | 1.92 | 1.97 | 2.03 | 2.10 | 2.01 | 2.05 | 2.12 | 2.20 | 2.08 | 2.13 | 2.20 | 2.28 | |
| | Amps | 7.0 | 7.1 | 7.3 | 7.6 | 7.5 | 7.6 | 7.9 | 8.1 | 8.1 | 8.2 | 8.5 | 8.8 | 8.6 | 8.7 | 9.0 | 9.3 | 9.1 | 9.3 | 9.5 | 9.9 | 9.5 | 9.8 | 10.1 | 10.4 | |
| | HI PR | 242 | 260 | 275 | 287 | 271 | 292 | 308 | 322 | 309 | 332 | 351 | 366 | 352 | 378 | 399 | 417 | 395 | 426 | 449 | 469 | 437 | 470 | 497 | 518 | |
| | LO PR | 114 | 121 | 133 | 141 | 121 | 128 | 140 | 149 | 125 | 133 | 146 | 155 | 132 | 140 | 153 | 163 | 138 | 147 | 160 | 171 | 143 | 152 | 166 | 176 | |
| | 711 | MBh | 21.9 | 22.4 | 23.4 | 25.0 | 21.4 | 21.8 | 22.9 | 24.4 | 20.9 | 21.3 | 22.3 | 23.8 | 20.4 | 20.8 | 21.8 | 23.2 | 19.4 | 19.8 | 20.7 | 22.1 | 18.0 | 18.3 | 19.2 | 20.5 |
| | | S/T | 0.96 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.96 | 0.78 |
| | | Δ T | 27 | 27 | 25 | 22 | 28 | 27 | 26 | 22 | 27 | 27 | 26 | 22 | 26 | 27 | 26 | 22 | 25 | 26 | 26 | 22 | 23 | 24 | 24 | 21 |
| kW | | 1.54 | 1.58 | 1.63 | 1.68 | 1.67 | 1.70 | 1.76 | 1.82 | 1.78 | 1.82 | 1.88 | 1.94 | 1.87 | 1.92 | 1.98 | 2.05 | 1.95 | 2.00 | 2.07 | 2.14 | 2.02 | 2.07 | 2.14 | 2.22 | |
| Amps | | 6.8 | 7.0 | 7.2 | 7.4 | 7.3 | 7.4 | 7.7 | 7.9 | 7.9 | 8.0 | 8.3 | 8.5 | 8.3 | 8.5 | 8.8 | 9.1 | 8.8 | 9.0 | 9.3 | 9.6 | 9.3 | 9.5 | 9.8 | 10.1 | |
| HI PR | | 235 | 252 | 267 | 278 | 263 | 283 | 299 | 312 | 299 | 322 | 340 | 355 | 341 | 367 | 387 | 404 | 384 | 413 | 436 | 455 | 424 | 456 | 482 | 502 | |
| LO PR | | 111 | 118 | 129 | 137 | 117 | 124 | 136 | 145 | 122 | 129 | 141 | 150 | 128 | 136 | 148 | 158 | 134 | 142 | 155 | 165 | 138 | 147 | 161 | 171 | |

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

| IDB | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | |
|-----------|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------|------|------|------|-------|------|------|------|-------|------|------|----|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | MBh | 29.7 | 30.7 | 33.7 | - | 29.0 | 30.0 | 32.9 | - | 28.3 | 29.3 | 32.1 | - | 27.6 | 28.6 | 31.3 | - | 26.2 | 27.2 | 29.8 | - | 24.3 | 25.2 | 27.6 | - |
| | S/T | 0.77 | 0.64 | 0.44 | - | 0.80 | 0.66 | 0.46 | - | 0.82 | 0.68 | 0.47 | - | 0.84 | 0.70 | 0.49 | - | 0.87 | 0.73 | 0.51 | - | 0.88 | 0.74 | 0.51 | - |
| | Δ T | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 19 | 16 | 12 | - |
| | kW | 1.98 | 2.02 | 2.08 | - | 2.13 | 2.18 | 2.25 | - | 2.27 | 2.32 | 2.39 | - | 2.39 | 2.44 | 2.52 | - | 2.49 | 2.55 | 2.63 | - | 2.58 | 2.64 | 2.73 | - |
| | Amps | 8.5 | 8.7 | 9.0 | - | 9.1 | 9.3 | 9.6 | - | 9.8 | 10.0 | 10.3 | - | 10.4 | 10.7 | 11.0 | - | 11.0 | 11.3 | 11.6 | - | 11.6 | 11.9 | 12.2 | - |
| | HI PR | 238 | 257 | 271 | - | 268 | 288 | 304 | - | 304 | 327 | 346 | - | 347 | 373 | 394 | - | 390 | 420 | 443 | - | 431 | 464 | 490 | - |
| | LO PR | 108 | 114 | 125 | - | 114 | 121 | 132 | - | 118 | 126 | 137 | - | 124 | 132 | 144 | - | 130 | 138 | 151 | - | 134 | 143 | 156 | - |
| | MBh | 28.8 | 29.9 | 32.7 | - | 28.1 | 29.2 | 31.9 | - | 27.5 | 28.5 | 31.2 | - | 26.8 | 27.8 | 30.4 | - | 25.5 | 26.4 | 28.9 | - | 23.6 | 24.4 | 26.8 | - |
| | S/T | 0.73 | 0.61 | 0.42 | - | 0.76 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.83 | 0.70 | 0.48 | - | 0.84 | 0.70 | 0.49 | - |
| | Δ T | 20 | 18 | 13 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 19 | 17 | 13 | - |
| kW | 1.96 | 2.00 | 2.07 | - | 2.11 | 2.16 | 2.23 | - | 2.25 | 2.30 | 2.37 | - | 2.37 | 2.42 | 2.50 | - | 2.47 | 2.53 | 2.61 | - | 2.56 | 2.62 | 2.70 | - | |
| Amps | 8.5 | 8.7 | 8.9 | - | 9.1 | 9.3 | 9.5 | - | 9.8 | 10.0 | 10.3 | - | 10.3 | 10.6 | 10.9 | - | 10.9 | 11.2 | 11.5 | - | 11.5 | 11.8 | 12.1 | - | |
| HI PR | 236 | 254 | 268 | - | 265 | 285 | 301 | - | 301 | 324 | 342 | - | 343 | 369 | 390 | - | 386 | 415 | 439 | - | 427 | 459 | 485 | - | |
| LO PR | 106 | 113 | 124 | - | 112 | 120 | 131 | - | 117 | 124 | 136 | - | 123 | 131 | 143 | - | 129 | 137 | 149 | - | 133 | 142 | 155 | - | |
| MBh | 26.6 | 27.6 | 30.2 | - | 26.0 | 26.9 | 29.5 | - | 25.3 | 26.3 | 28.8 | - | 24.7 | 25.6 | 28.1 | - | 23.5 | 24.3 | 26.7 | - | 21.8 | 22.6 | 24.7 | - | |
| S/T | 0.71 | 0.59 | 0.41 | - | 0.73 | 0.61 | 0.42 | - | 0.75 | 0.63 | 0.43 | - | 0.77 | 0.65 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.81 | 0.68 | 0.47 | - | |
| Δ T | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 20 | 17 | 13 | - | |
| kW | 1.91 | 1.95 | 2.02 | - | 2.06 | 2.11 | 2.17 | - | 2.19 | 2.24 | 2.31 | - | 2.31 | 2.36 | 2.44 | - | 2.41 | 2.46 | 2.54 | - | 2.49 | 2.55 | 2.63 | - | |
| Amps | 8.3 | 8.5 | 8.7 | - | 8.9 | 9.0 | 9.3 | - | 9.5 | 9.7 | 10.0 | - | 10.1 | 10.3 | 10.6 | - | 10.7 | 10.9 | 11.2 | - | 11.2 | 11.5 | 11.8 | - | |
| HI PR | 229 | 246 | 260 | - | 257 | 277 | 292 | - | 292 | 314 | 332 | - | 333 | 358 | 378 | - | 374 | 403 | 426 | - | 414 | 445 | 470 | - | |
| LO PR | 103 | 110 | 120 | - | 109 | 116 | 127 | - | 113 | 121 | 132 | - | 119 | 127 | 138 | - | 125 | 133 | 145 | - | 129 | 137 | 150 | - | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75 | MBh | 30.2 | 31.1 | 33.6 | 36.1 | 29.5 | 30.3 | 32.8 | 35.2 | 28.8 | 29.6 | 32.1 | 34.4 | 28.1 | 28.9 | 31.3 | 33.6 | 26.7 | 27.4 | 29.7 | 31.9 | 24.7 | 25.4 | 27.5 | 29.5 |
| | S/T | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.40 | 0.96 | 0.86 | 0.65 | 0.42 | 0.99 | 0.89 | 0.67 | 0.43 | 1.00 | 0.90 | 0.68 | 0.44 |
| | Δ T | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 18 | 12 | 23 | 21 | 17 | 12 | 21 | 20 | 16 | 11 |
| | kW | 1.99 | 2.04 | 2.10 | 2.17 | 2.15 | 2.20 | 2.27 | 2.34 | 2.29 | 2.34 | 2.42 | 2.50 | 2.41 | 2.46 | 2.55 | 2.63 | 2.51 | 2.57 | 2.66 | 2.75 | 2.60 | 2.66 | 2.75 | 2.85 |
| | Amps | 8.6 | 8.8 | 9.0 | 9.3 | 9.2 | 9.4 | 9.7 | 10.0 | 9.9 | 10.1 | 10.4 | 10.8 | 10.5 | 10.8 | 11.1 | 11.4 | 11.1 | 11.4 | 11.7 | 12.1 | 11.7 | 12.0 | 12.3 | 12.8 |
| | HI PR | 241 | 259 | 274 | 285 | 270 | 291 | 307 | 320 | 307 | 331 | 349 | 364 | 350 | 377 | 398 | 415 | 394 | 424 | 448 | 467 | 435 | 468 | 495 | 516 |
| | LO PR | 109 | 116 | 126 | 134 | 115 | 122 | 133 | 142 | 119 | 127 | 139 | 148 | 125 | 133 | 146 | 155 | 131 | 140 | 152 | 162 | 136 | 144 | 158 | 168 |
| | MBh | 29.3 | 30.2 | 32.6 | 35.0 | 28.6 | 29.5 | 31.9 | 34.2 | 27.9 | 28.8 | 31.1 | 33.4 | 27.2 | 28.1 | 30.4 | 32.6 | 25.9 | 26.6 | 28.8 | 31.0 | 24.0 | 24.7 | 26.7 | 28.7 |
| | S/T | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.38 | 0.88 | 0.79 | 0.60 | 0.39 | 0.91 | 0.82 | 0.62 | 0.40 | 0.95 | 0.85 | 0.64 | 0.41 | 0.96 | 0.85 | 0.65 | 0.42 |
| | Δ T | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 12 | 22 | 21 | 17 | 12 |
| kW | 1.98 | 2.02 | 2.08 | 2.15 | 2.13 | 2.18 | 2.25 | 2.32 | 2.27 | 2.32 | 2.40 | 2.48 | 2.39 | 2.44 | 2.52 | 2.61 | 2.49 | 2.55 | 2.63 | 2.72 | 2.58 | 2.64 | 2.73 | 2.82 | |
| Amps | 8.5 | 8.7 | 9.0 | 9.3 | 9.1 | 9.3 | 9.6 | 9.9 | 9.8 | 10.0 | 10.3 | 10.7 | 10.4 | 10.7 | 11.0 | 11.4 | 11.0 | 11.3 | 11.6 | 12.0 | 11.6 | 11.9 | 12.2 | 12.7 | |
| HI PR | 238 | 257 | 271 | 283 | 268 | 288 | 304 | 317 | 304 | 328 | 346 | 361 | 347 | 373 | 394 | 411 | 390 | 420 | 443 | 462 | 431 | 464 | 490 | 511 | |
| LO PR | 108 | 114 | 125 | 133 | 114 | 121 | 132 | 141 | 118 | 126 | 137 | 146 | 124 | 132 | 144 | 153 | 130 | 138 | 151 | 161 | 134 | 143 | 156 | 166 | |
| MBh | 27.0 | 27.8 | 30.1 | 32.3 | 26.4 | 27.2 | 29.4 | 31.6 | 25.8 | 26.5 | 28.7 | 30.8 | 25.1 | 25.9 | 28.0 | 30.1 | 23.9 | 24.6 | 26.6 | 28.6 | 22.1 | 22.8 | 24.7 | 26.5 | |
| S/T | 0.80 | 0.72 | 0.54 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.91 | 0.82 | 0.62 | 0.40 | 0.92 | 0.82 | 0.62 | 0.40 | |
| Δ T | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 13 | 25 | 23 | 19 | 13 | 24 | 22 | 18 | 13 | 23 | 21 | 17 | 12 | |
| kW | 1.93 | 1.97 | 2.03 | 2.10 | 2.08 | 2.12 | 2.19 | 2.27 | 2.21 | 2.26 | 2.33 | 2.41 | 2.33 | 2.38 | 2.46 | 2.54 | 2.43 | 2.48 | 2.57 | 2.65 | 2.51 | 2.57 | 2.66 | 2.75 | |
| Amps | 8.4 | 8.5 | 8.8 | 9.0 | 8.9 | 9.1 | 9.4 | 9.7 | 9.6 | 9.8 | 10.1 | 10.4 | 10.2 | 10.4 | 10.7 | 11.1 | 10.8 | 11.0 | 11.3 | 11.7 | 11.3 | 11.6 | 11.9 | 12.3 | |
| HI PR | 231 | 249 | 263 | 274 | 260 | 279 | 295 | 308 | 295 | 318 | 335 | 350 | 336 | 362 | 382 | 399 | 378 | 407 | 430 | 448 | 418 | 450 | 475 | 495 | |
| LO PR | 104 | 111 | 121 | 129 | 110 | 117 | 128 | 136 | 115 | 122 | 133 | 142 | 120 | 128 | 140 | 149 | 126 | 134 | 146 | 156 | 130 | 139 | 151 | 161 | |

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

| IDB | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|----|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | MBh | 36.4 | 37.7 | 41.3 | - | 35.5 | 36.8 | 40.3 | - | 34.7 | 35.9 | 39.4 | - | 33.8 | 35.1 | 38.4 | - | 32.1 | 33.3 | 36.5 | - | 29.8 | 30.9 | 33.8 | - |
| | S/T | 0.80 | 0.67 | 0.46 | - | 0.83 | 0.69 | 0.48 | - | 0.85 | 0.71 | 0.49 | - | 0.88 | 0.73 | 0.51 | - | 0.91 | 0.76 | 0.53 | - | 0.92 | 0.77 | 0.53 | - |
| | Δ T | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 18 | 16 | 12 | - |
| | KW | 2.42 | 2.47 | 2.54 | - | 2.60 | 2.66 | 2.74 | - | 2.77 | 2.83 | 2.92 | - | 2.91 | 2.97 | 3.07 | - | 3.03 | 3.10 | 3.20 | - | 3.14 | 3.21 | 3.32 | - |
| | Amps | 11.1 | 11.4 | 11.7 | - | 11.9 | 12.1 | 12.4 | - | 12.7 | 13.0 | 13.3 | - | 13.4 | 13.7 | 14.1 | - | 14.2 | 14.5 | 14.9 | - | 14.9 | 15.2 | 15.6 | - |
| | HI PR | 224 | 241 | 254 | - | 251 | 270 | 285 | - | 286 | 307 | 325 | - | 325 | 350 | 370 | - | 366 | 394 | 416 | - | 404 | 435 | 460 | - |
| | LO PR | 112 | 119 | 130 | - | 118 | 126 | 137 | - | 123 | 131 | 143 | - | 129 | 137 | 150 | - | 135 | 144 | 157 | - | 140 | 149 | 163 | - |
| | MBh | 35.3 | 36.6 | 40.1 | - | 34.5 | 35.8 | 39.2 | - | 33.7 | 34.9 | 38.2 | - | 32.8 | 34.0 | 37.3 | - | 31.2 | 32.3 | 35.4 | - | 28.9 | 30.0 | 32.8 | - |
| | S/T | 0.76 | 0.64 | 0.44 | - | 0.79 | 0.66 | 0.46 | - | 0.81 | 0.68 | 0.47 | - | 0.84 | 0.70 | 0.48 | - | 0.87 | 0.72 | 0.50 | - | 0.87 | 0.73 | 0.51 | - |
| | Δ T | 20 | 18 | 13 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 20 | 18 | 13 | - | 19 | 17 | 13 | - |
| KW | 2.40 | 2.45 | 2.52 | - | 2.58 | 2.64 | 2.72 | - | 2.74 | 2.80 | 2.89 | - | 2.89 | 2.95 | 3.05 | - | 3.01 | 3.07 | 3.18 | - | 3.11 | 3.18 | 3.29 | - | |
| Amps | 11.1 | 11.3 | 11.6 | - | 11.8 | 12.0 | 12.3 | - | 12.6 | 12.9 | 13.2 | - | 13.3 | 13.6 | 14.0 | - | 14.1 | 14.3 | 14.8 | - | 14.8 | 15.1 | 15.5 | - | |
| HI PR | 222 | 238 | 252 | - | 249 | 268 | 283 | - | 283 | 304 | 321 | - | 322 | 347 | 366 | - | 362 | 390 | 412 | - | 400 | 431 | 455 | - | |
| LO PR | 111 | 118 | 129 | - | 117 | 125 | 136 | - | 122 | 129 | 141 | - | 128 | 136 | 148 | - | 134 | 143 | 156 | - | 139 | 147 | 161 | - | |
| MBh | 32.6 | 33.8 | 37.0 | - | 31.8 | 33.0 | 36.2 | - | 31.1 | 32.2 | 35.3 | - | 30.3 | 31.4 | 34.4 | - | 28.8 | 29.9 | 32.7 | - | 26.7 | 27.7 | 30.3 | - | |
| S/T | 0.73 | 0.61 | 0.42 | - | 0.76 | 0.64 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.67 | 0.47 | - | 0.84 | 0.70 | 0.48 | - | 0.84 | 0.70 | 0.49 | - | |
| Δ T | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 19 | 17 | 13 | - | |
| KW | 2.34 | 2.39 | 2.46 | - | 2.52 | 2.57 | 2.65 | - | 2.68 | 2.73 | 2.82 | - | 2.81 | 2.88 | 2.97 | - | 2.93 | 3.00 | 3.10 | - | 3.03 | 3.10 | 3.20 | - | |
| Amps | 10.8 | 11.0 | 11.3 | - | 11.5 | 11.7 | 12.1 | - | 12.3 | 12.6 | 12.9 | - | 13.0 | 13.3 | 13.7 | - | 13.7 | 14.0 | 14.4 | - | 14.4 | 14.7 | 15.1 | - | |
| HI PR | 215 | 231 | 244 | - | 241 | 260 | 274 | - | 274 | 295 | 312 | - | 312 | 336 | 355 | - | 351 | 378 | 399 | - | 388 | 418 | 441 | - | |
| LO PR | 108 | 114 | 125 | - | 114 | 121 | 132 | - | 118 | 126 | 137 | - | 124 | 132 | 144 | - | 130 | 138 | 151 | - | 134 | 143 | 156 | - | |

| IDB | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 75 | MBh | 37.0 | 38.1 | 41.2 | 44.2 | 36.1 | 37.2 | 40.3 | 43.2 | 35.3 | 36.3 | 39.3 | 42.2 | 34.4 | 35.4 | 38.3 | 41.2 | 32.7 | 33.7 | 36.4 | 39.1 | 30.3 | 31.2 | 33.7 | 36.2 |
| | S/T | 0.91 | 0.81 | 0.61 | 0.40 | 0.94 | 0.84 | 0.64 | 0.41 | 0.96 | 0.86 | 0.65 | 0.42 | 1.00 | 0.89 | 0.67 | 0.43 | 1.00 | 0.92 | 0.70 | 0.45 | 1.00 | 0.93 | 0.71 | 0.45 |
| | Δ T | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 22 | 21 | 17 | 12 | 20 | 20 | 16 | 11 |
| | KW | 2.44 | 2.49 | 2.57 | 2.65 | 2.62 | 2.68 | 2.77 | 2.86 | 2.79 | 2.85 | 2.94 | 3.04 | 2.93 | 3.00 | 3.10 | 3.20 | 3.06 | 3.13 | 3.23 | 3.34 | 3.17 | 3.24 | 3.34 | 3.46 |
| | Amps | 11.2 | 11.4 | 11.7 | 12.1 | 12.0 | 12.2 | 12.5 | 12.9 | 12.8 | 13.1 | 13.4 | 13.9 | 13.5 | 13.8 | 14.2 | 14.7 | 14.3 | 14.6 | 15.0 | 15.5 | 15.0 | 15.3 | 15.8 | 16.3 |
| | HI PR | 226 | 243 | 257 | 268 | 254 | 273 | 288 | 301 | 289 | 311 | 328 | 342 | 329 | 354 | 373 | 390 | 370 | 398 | 420 | 438 | 409 | 440 | 464 | 484 |
| | LO PR | 113 | 120 | 131 | 140 | 119 | 127 | 139 | 148 | 124 | 132 | 144 | 154 | 130 | 139 | 152 | 161 | 137 | 145 | 159 | 169 | 141 | 150 | 164 | 175 |
| | MBh | 35.9 | 37.0 | 40.0 | 43.0 | 35.1 | 36.1 | 39.1 | 42.0 | 34.2 | 35.3 | 38.2 | 41.0 | 33.4 | 34.4 | 37.2 | 40.0 | 31.7 | 32.7 | 35.4 | 38.0 | 29.4 | 30.3 | 32.8 | 35.2 |
| | S/T | 0.87 | 0.77 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.95 | 0.85 | 0.64 | 0.41 | 0.99 | 0.88 | 0.67 | 0.43 | 0.99 | 0.89 | 0.67 | 0.43 |
| | Δ T | 23 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 22 | 20 | 17 | 12 |
| KW | 2.42 | 2.47 | 2.55 | 2.63 | 2.60 | 2.66 | 2.74 | 2.83 | 2.77 | 2.83 | 2.92 | 3.01 | 2.91 | 2.97 | 3.07 | 3.17 | 3.03 | 3.10 | 3.20 | 3.31 | 3.14 | 3.21 | 3.32 | 3.43 | |
| Amps | 11.1 | 11.4 | 11.7 | 12.0 | 11.9 | 12.1 | 12.4 | 12.8 | 12.7 | 13.0 | 13.3 | 13.7 | 13.4 | 13.7 | 14.1 | 14.6 | 14.2 | 14.5 | 14.9 | 15.4 | 14.9 | 15.2 | 15.6 | 16.2 | |
| HI PR | 224 | 241 | 254 | 265 | 251 | 270 | 285 | 298 | 286 | 307 | 325 | 339 | 325 | 350 | 370 | 386 | 366 | 394 | 416 | 434 | 404 | 435 | 460 | 479 | |
| LO PR | 112 | 119 | 130 | 139 | 118 | 126 | 137 | 146 | 123 | 131 | 143 | 152 | 129 | 137 | 150 | 160 | 135 | 144 | 157 | 167 | 140 | 149 | 163 | 173 | |
| MBh | 33.1 | 34.1 | 36.9 | 39.6 | 32.4 | 33.3 | 36.1 | 38.7 | 31.6 | 32.5 | 35.2 | 37.8 | 30.8 | 31.7 | 34.4 | 36.9 | 29.3 | 30.2 | 32.6 | 35.0 | 27.1 | 27.9 | 30.2 | 32.5 | |
| S/T | 0.83 | 0.75 | 0.57 | 0.36 | 0.87 | 0.77 | 0.59 | 0.38 | 0.89 | 0.79 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.95 | 0.85 | 0.64 | 0.41 | 0.96 | 0.86 | 0.65 | 0.42 | |
| Δ T | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 12 | 22 | 21 | 17 | 12 | |
| KW | 2.36 | 2.41 | 2.48 | 2.56 | 2.54 | 2.59 | 2.68 | 2.76 | 2.70 | 2.76 | 2.85 | 2.94 | 2.84 | 2.90 | 2.99 | 3.09 | 2.96 | 3.02 | 3.12 | 3.23 | 3.06 | 3.13 | 3.23 | 3.34 | |
| Amps | 10.9 | 11.1 | 11.4 | 11.7 | 11.6 | 11.8 | 12.2 | 12.5 | 12.4 | 12.7 | 13.0 | 13.4 | 13.1 | 13.4 | 13.8 | 14.2 | 13.8 | 14.1 | 14.5 | 15.0 | 14.5 | 14.8 | 15.3 | 15.8 | |
| HI PR | 217 | 234 | 247 | 257 | 244 | 262 | 277 | 289 | 277 | 298 | 315 | 328 | 316 | 340 | 359 | 374 | 355 | 382 | 404 | 421 | 392 | 422 | 446 | 465 | |
| LO PR | 109 | 116 | 126 | 134 | 115 | 122 | 133 | 142 | 119 | 127 | 139 | 148 | 125 | 133 | 146 | 155 | 131 | 140 | 152 | 162 | 136 | 144 | 158 | 168 | |

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

| IDB | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | |
|-------------|-------------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------|------|------|------|-------|------|------|------|-------|------|------|------|------|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | |
| 1366 | MBh | 37.6 | 38.5 | 41.1 | 43.9 | 36.8 | 37.6 | 40.1 | 42.9 | 35.9 | 36.7 | 39.2 | 41.9 | 35.0 | 35.8 | 38.2 | 40.9 | 33.3 | 34.0 | 36.3 | 38.8 | 30.8 | 31.5 | 33.6 | 36.0 | |
| | S/T | 1.00 | 0.93 | 0.76 | 0.57 | 1.00 | 0.97 | 0.79 | 0.59 | 1.00 | 1.00 | 0.81 | 0.60 | 1.00 | 1.00 | 0.83 | 0.62 | 1.00 | 1.00 | 0.87 | 0.65 | 1.00 | 1.00 | 0.87 | 0.65 | |
| | Δ T | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 24 | 25 | 21 | 17 | 24 | 24 | 21 | 17 | 22 | 23 | 21 | 17 | 21 | 21 | 20 | 16 | |
| | kW | 2.46 | 2.51 | 2.59 | 2.67 | 2.64 | 2.70 | 2.79 | 2.88 | 2.81 | 2.87 | 2.97 | 3.07 | 2.96 | 3.02 | 3.12 | 3.23 | 3.08 | 3.15 | 3.26 | 3.37 | 3.19 | 3.26 | 3.37 | 3.49 | |
| | Amps | 11.3 | 11.5 | 11.8 | 12.2 | 12.0 | 12.3 | 12.6 | 13.0 | 12.9 | 13.2 | 13.5 | 14.0 | 13.6 | 13.9 | 14.3 | 14.8 | 14.4 | 14.7 | 15.1 | 15.6 | 15.1 | 15.4 | 15.9 | 16.4 | |
| | HI PR | 228 | 246 | 260 | 271 | 256 | 276 | 291 | 304 | 291 | 314 | 331 | 345 | 332 | 357 | 377 | 393 | 373 | 402 | 424 | 443 | 413 | 444 | 469 | 489 | |
| | LO PR | 114 | 122 | 133 | 141 | 121 | 128 | 140 | 149 | 125 | 133 | 146 | 155 | 132 | 140 | 153 | 163 | 138 | 147 | 160 | 171 | 143 | 152 | 166 | 177 | |
| | 1217 | MBh | 36.6 | 37.3 | 39.9 | 42.7 | 35.7 | 36.5 | 39.0 | 41.7 | 34.9 | 35.6 | 38.0 | 40.7 | 34.0 | 34.7 | 37.1 | 39.7 | 32.3 | 33.0 | 35.3 | 37.7 | 29.9 | 30.6 | 32.7 | 34.9 |
| | | S/T | 0.95 | 0.89 | 0.72 | 0.54 | 0.98 | 0.92 | 0.75 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 0.98 | 0.80 | 0.59 | 1.00 | 1.00 | 0.83 | 0.62 | 1.00 | 1.00 | 0.83 | 0.62 |
| | | Δ T | 26 | 25 | 22 | 17 | 27 | 25 | 22 | 18 | 26 | 25 | 22 | 18 | 26 | 26 | 22 | 18 | 24 | 25 | 22 | 18 | 23 | 23 | 21 | 16 |
| kW | | 2.44 | 2.49 | 2.57 | 2.65 | 2.62 | 2.68 | 2.77 | 2.86 | 2.79 | 2.85 | 2.94 | 3.04 | 2.93 | 3.00 | 3.10 | 3.20 | 3.06 | 3.13 | 3.23 | 3.34 | 3.17 | 3.24 | 3.34 | 3.46 | |
| Amps | | 11.2 | 11.4 | 11.7 | 12.1 | 12.0 | 12.2 | 12.5 | 12.9 | 12.8 | 13.1 | 13.4 | 13.9 | 13.5 | 13.8 | 14.2 | 14.7 | 14.3 | 14.6 | 15.0 | 15.5 | 15.0 | 15.3 | 15.8 | 16.3 | |
| HI PR | | 226 | 243 | 257 | 268 | 254 | 273 | 288 | 301 | 289 | 311 | 328 | 342 | 329 | 354 | 374 | 390 | 370 | 398 | 420 | 438 | 409 | 440 | 464 | 484 | |
| LO PR | | 113 | 120 | 131 | 140 | 120 | 127 | 139 | 148 | 124 | 132 | 144 | 154 | 130 | 139 | 152 | 161 | 137 | 145 | 159 | 169 | 141 | 150 | 164 | 175 | |
| 1067 | | MBh | 33.7 | 34.5 | 36.8 | 39.4 | 33.0 | 33.7 | 36.0 | 38.5 | 32.2 | 32.9 | 35.1 | 37.5 | 31.4 | 32.1 | 34.3 | 36.6 | 29.8 | 30.5 | 32.5 | 34.8 | 27.6 | 28.2 | 30.1 | 32.2 |
| | | S/T | 0.92 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.56 | 1.00 | 0.94 | 0.77 | 0.57 | 1.04 | 0.98 | 0.80 | 0.59 | 1.05 | 0.99 | 0.80 | 0.60 |
| | | Δ T | 27 | 26 | 22 | 18 | 27 | 26 | 22 | 18 | 27 | 26 | 22 | 18 | 27 | 26 | 23 | 18 | 27 | 26 | 22 | 18 | 25 | 24 | 21 | 17 |
| | kW | 2.38 | 2.43 | 2.50 | 2.58 | 2.56 | 2.61 | 2.70 | 2.79 | 2.72 | 2.78 | 2.87 | 2.96 | 2.86 | 2.92 | 3.02 | 3.12 | 2.98 | 3.05 | 3.15 | 3.25 | 3.09 | 3.15 | 3.26 | 3.37 | |
| | Amps | 11.0 | 11.2 | 11.5 | 11.8 | 11.7 | 11.9 | 12.2 | 12.6 | 12.5 | 12.8 | 13.1 | 13.5 | 13.2 | 13.5 | 13.9 | 14.3 | 13.9 | 14.2 | 14.6 | 15.1 | 14.6 | 15.0 | 15.4 | 15.9 | |
| | HI PR | 219 | 236 | 249 | 260 | 246 | 265 | 280 | 292 | 280 | 301 | 318 | 332 | 319 | 343 | 362 | 378 | 359 | 386 | 408 | 425 | 396 | 426 | 450 | 470 | |
| | LO PR | 110 | 117 | 127 | 136 | 116 | 123 | 135 | 143 | 120 | 128 | 140 | 149 | 127 | 135 | 147 | 157 | 133 | 141 | 154 | 164 | 137 | 146 | 159 | 170 | |
| | 1366 | MBh | 38.3 | 39.0 | 40.9 | 43.6 | 37.4 | 38.1 | 39.9 | 42.6 | 36.5 | 37.2 | 39.0 | 41.6 | 35.6 | 36.3 | 38.0 | 40.6 | 33.9 | 34.5 | 36.1 | 38.6 | 31.4 | 32.0 | 33.5 | 35.7 |
| | | S/T | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.97 | 0.78 | 1.00 | 1.00 | 1.00 | 0.81 | 1.00 | 1.00 | 1.00 | 0.84 | 1.00 | 1.00 | 1.00 | 0.85 |
| | | Δ T | 26 | 26 | 25 | 22 | 25 | 26 | 25 | 22 | 25 | 25 | 25 | 22 | 24 | 24 | 26 | 22 | 23 | 23 | 24 | 22 | 21 | 22 | 23 | 20 |
| kW | | 2.47 | 2.53 | 2.61 | 2.69 | 2.67 | 2.72 | 2.81 | 2.90 | 2.83 | 2.90 | 2.99 | 3.09 | 2.98 | 3.05 | 3.15 | 3.26 | 3.11 | 3.18 | 3.29 | 3.40 | 3.22 | 3.29 | 3.40 | 3.52 | |
| Amps | | 11.4 | 11.6 | 11.9 | 12.3 | 12.1 | 12.4 | 12.7 | 13.1 | 13.0 | 13.3 | 13.6 | 14.1 | 13.8 | 14.0 | 14.4 | 14.9 | 14.5 | 14.8 | 15.2 | 15.7 | 15.2 | 15.6 | 16.0 | 16.5 | |
| HI PR | | 231 | 248 | 262 | 273 | 259 | 279 | 294 | 307 | 294 | 317 | 335 | 349 | 335 | 361 | 381 | 397 | 377 | 406 | 429 | 447 | 417 | 448 | 474 | 494 | |
| LO PR | | 115 | 123 | 134 | 143 | 122 | 130 | 142 | 151 | 127 | 135 | 147 | 157 | 133 | 142 | 155 | 165 | 139 | 148 | 162 | 173 | 144 | 153 | 168 | 178 | |
| 1217 | | MBh | 37.2 | 37.9 | 39.7 | 42.4 | 36.3 | 37.0 | 38.8 | 41.4 | 35.5 | 36.1 | 37.9 | 40.4 | 34.6 | 35.3 | 36.9 | 39.4 | 32.9 | 33.5 | 35.1 | 37.4 | 30.4 | 31.0 | 32.5 | 34.7 |
| | | S/T | 1.00 | 0.96 | 0.87 | 0.70 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.99 | 0.80 | 1.00 | 1.00 | 1.00 | 0.81 |
| | | Δ T | 28 | 28 | 26 | 23 | 27 | 28 | 26 | 23 | 27 | 27 | 26 | 23 | 26 | 27 | 27 | 23 | 25 | 25 | 26 | 23 | 23 | 23 | 24 | 21 |
| | kW | 2.46 | 2.51 | 2.59 | 2.67 | 2.64 | 2.70 | 2.79 | 2.88 | 2.81 | 2.87 | 2.97 | 3.07 | 2.96 | 3.02 | 3.12 | 3.23 | 3.08 | 3.15 | 3.26 | 3.37 | 3.19 | 3.26 | 3.37 | 3.49 | |
| | Amps | 11.3 | 11.5 | 11.8 | 12.2 | 12.0 | 12.3 | 12.6 | 13.0 | 12.9 | 13.2 | 13.5 | 14.0 | 13.6 | 13.9 | 14.3 | 14.8 | 14.4 | 14.7 | 15.1 | 15.6 | 15.1 | 15.4 | 15.9 | 16.4 | |
| | HI PR | 228 | 246 | 260 | 271 | 256 | 276 | 291 | 304 | 291 | 314 | 331 | 345 | 332 | 357 | 377 | 393 | 373 | 402 | 424 | 443 | 413 | 444 | 469 | 489 | |
| | LO PR | 114 | 122 | 133 | 141 | 121 | 128 | 140 | 149 | 125 | 133 | 146 | 155 | 132 | 140 | 153 | 163 | 138 | 147 | 160 | 171 | 143 | 152 | 166 | 177 | |
| | 1067 | MBh | 34.3 | 35.0 | 36.6 | 39.1 | 33.5 | 34.2 | 35.8 | 38.2 | 32.7 | 33.4 | 34.9 | 37.3 | 31.9 | 32.5 | 34.1 | 36.4 | 30.3 | 30.9 | 32.4 | 34.5 | 28.1 | 28.6 | 30.0 | 32.0 |
| | | S/T | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.96 | 0.87 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.74 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.96 | 0.78 |
| | | Δ T | 28 | 28 | 26 | 23 | 29 | 28 | 27 | 23 | 28 | 28 | 27 | 23 | 28 | 28 | 27 | 23 | 26 | 27 | 27 | 23 | 24 | 25 | 25 | 21 |
| kW | | 2.40 | 2.45 | 2.52 | 2.60 | 2.58 | 2.64 | 2.72 | 2.81 | 2.74 | 2.80 | 2.89 | 2.99 | 2.89 | 2.95 | 3.05 | 3.15 | 3.01 | 3.07 | 3.17 | 3.28 | 3.11 | 3.18 | 3.29 | 3.40 | |
| Amps | | 11.1 | 11.3 | 11.6 | 11.9 | 11.8 | 12.0 | 12.3 | 12.7 | 12.6 | 12.9 | 13.2 | 13.6 | 13.3 | 13.6 | 14.0 | 14.4 | 14.0 | 14.3 | 14.8 | 15.2 | 14.8 | 15.1 | 15.5 | 16.0 | |
| HI PR | | 222 | 238 | 252 | 263 | 249 | 268 | 282 | 295 | 283 | 304 | 321 | 335 | 322 | 347 | 366 | 382 | 362 | 390 | 412 | 429 | 400 | 431 | 455 | 474 | |
| LO PR | | 111 | 118 | 129 | 137 | 117 | 125 | 136 | 145 | 122 | 129 | 141 | 151 | 128 | 136 | 148 | 158 | 134 | 143 | 156 | 166 | 139 | 147 | 161 | 171 | |

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

| IDB | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------|------|------|------|-------|------|------|------|-------|------|------|----|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | MBh | 42.8 | 44.3 | 48.6 | - | 41.8 | 43.3 | 47.4 | - | 40.8 | 42.3 | 46.3 | - | 39.8 | 41.2 | 45.2 | - | 37.8 | 39.2 | 42.9 | - | 35.0 | 36.3 | 39.7 | - |
| | S/T | 0.75 | 0.62 | 0.43 | - | 0.77 | 0.65 | 0.45 | - | 0.79 | 0.66 | 0.46 | - | 0.82 | 0.68 | 0.47 | - | 0.85 | 0.71 | 0.49 | - | 0.86 | 0.72 | 0.50 | - |
| | Δ T | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 20 | 17 | 13 | - |
| | kW | 2.76 | 2.82 | 2.91 | - | 2.98 | 3.04 | 3.14 | - | 3.16 | 3.23 | 3.34 | - | 3.33 | 3.40 | 3.52 | - | 3.47 | 3.55 | 3.67 | - | 3.59 | 3.67 | 3.80 | - |
| | Amps | 12.2 | 12.4 | 12.8 | - | 13.0 | 13.3 | 13.7 | - | 14.0 | 14.3 | 14.7 | - | 14.8 | 15.1 | 15.6 | - | 15.6 | 16.0 | 16.5 | - | 16.5 | 16.8 | 17.3 | - |
| | HI PR | 239 | 257 | 272 | - | 268 | 289 | 305 | - | 305 | 328 | 347 | - | 347 | 374 | 395 | - | 391 | 420 | 444 | - | 432 | 465 | 491 | - |
| | LO PR | 109 | 116 | 126 | - | 115 | 122 | 134 | - | 119 | 127 | 139 | - | 125 | 134 | 146 | - | 132 | 140 | 153 | - | 136 | 145 | 158 | - |
| | MBh | 41.5 | 43.0 | 47.1 | - | 40.5 | 42.0 | 46.0 | - | 39.6 | 41.0 | 44.9 | - | 38.6 | 40.0 | 43.8 | - | 36.7 | 38.0 | 41.7 | - | 34.0 | 35.2 | 38.6 | - |
| | S/T | 0.71 | 0.59 | 0.41 | - | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.68 | 0.47 | - | 0.82 | 0.68 | 0.47 | - |
| | Δ T | 22 | 19 | 14 | - | 22 | 19 | 14 | - | 22 | 19 | 14 | - | 22 | 19 | 15 | - | 22 | 19 | 14 | - | 20 | 18 | 13 | - |
| kW | 2.74 | 2.80 | 2.89 | - | 2.95 | 3.02 | 3.11 | - | 3.14 | 3.21 | 3.31 | - | 3.30 | 3.38 | 3.49 | - | 3.44 | 3.52 | 3.64 | - | 3.56 | 3.64 | 3.76 | - | |
| Amps | 12.1 | 12.3 | 12.7 | - | 12.9 | 13.2 | 13.6 | - | 13.9 | 14.2 | 14.6 | - | 14.7 | 15.0 | 15.4 | - | 15.5 | 15.9 | 16.3 | - | 16.3 | 16.7 | 17.2 | - | |
| HI PR | 237 | 255 | 269 | - | 265 | 286 | 302 | - | 302 | 325 | 343 | - | 344 | 370 | 391 | - | 387 | 416 | 440 | - | 427 | 460 | 486 | - | |
| LO PR | 108 | 115 | 125 | - | 114 | 121 | 132 | - | 118 | 126 | 137 | - | 124 | 132 | 144 | - | 130 | 139 | 151 | - | 135 | 143 | 156 | - | |
| MBh | 38.3 | 39.7 | 43.5 | - | 37.4 | 38.8 | 42.5 | - | 36.5 | 37.9 | 41.5 | - | 35.6 | 36.9 | 40.5 | - | 33.9 | 35.1 | 38.4 | - | 31.4 | 32.5 | 35.6 | - | |
| S/T | 0.69 | 0.57 | 0.40 | - | 0.71 | 0.59 | 0.41 | - | 0.73 | 0.61 | 0.42 | - | 0.75 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.79 | 0.66 | 0.46 | - | |
| Δ T | 22 | 19 | 14 | - | 22 | 19 | 15 | - | 22 | 19 | 15 | - | 22 | 19 | 15 | - | 22 | 19 | 15 | - | 21 | 18 | 14 | - | |
| kW | 2.68 | 2.73 | 2.82 | - | 2.88 | 2.94 | 3.04 | - | 3.06 | 3.13 | 3.23 | - | 3.22 | 3.29 | 3.40 | - | 3.36 | 3.43 | 3.54 | - | 3.47 | 3.55 | 3.67 | - | |
| Amps | 11.8 | 12.0 | 12.4 | - | 12.6 | 12.9 | 13.2 | - | 13.5 | 13.8 | 14.2 | - | 14.3 | 14.6 | 15.1 | - | 15.1 | 15.5 | 15.9 | - | 15.9 | 16.3 | 16.8 | - | |
| HI PR | 229 | 247 | 261 | - | 258 | 277 | 293 | - | 293 | 315 | 333 | - | 334 | 359 | 379 | - | 375 | 404 | 426 | - | 415 | 446 | 471 | - | |
| LO PR | 104 | 111 | 121 | - | 110 | 117 | 128 | - | 115 | 122 | 133 | - | 121 | 128 | 140 | - | 126 | 134 | 147 | - | 131 | 139 | 152 | - | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75 | MBh | 43.5 | 44.8 | 48.5 | 52.0 | 42.5 | 43.7 | 47.3 | 50.8 | 41.5 | 42.7 | 46.2 | 49.6 | 40.4 | 41.6 | 45.1 | 48.4 | 38.4 | 39.6 | 42.8 | 46.0 | 35.6 | 36.6 | 39.7 | 42.6 |
| | S/T | 0.85 | 0.76 | 0.57 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.41 | 0.97 | 0.86 | 0.65 | 0.42 | 0.97 | 0.87 | 0.66 | 0.42 |
| | Δ T | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 13 | 25 | 23 | 19 | 13 | 24 | 22 | 18 | 13 | 23 | 21 | 17 | 12 |
| | kW | 2.79 | 2.85 | 2.94 | 3.03 | 3.00 | 3.07 | 3.16 | 3.27 | 3.19 | 3.26 | 3.37 | 3.48 | 3.36 | 3.43 | 3.55 | 3.66 | 3.50 | 3.58 | 3.70 | 3.82 | 3.62 | 3.70 | 3.83 | 3.96 |
| | Amps | 12.3 | 12.5 | 12.9 | 13.3 | 13.1 | 13.4 | 13.8 | 14.2 | 14.1 | 14.4 | 14.8 | 15.3 | 14.9 | 15.3 | 15.7 | 16.2 | 15.8 | 16.1 | 16.6 | 17.2 | 16.6 | 17.0 | 17.5 | 18.1 |
| | HI PR | 241 | 260 | 274 | 286 | 271 | 291 | 308 | 321 | 308 | 332 | 350 | 365 | 351 | 378 | 399 | 416 | 395 | 425 | 449 | 468 | 436 | 469 | 496 | 517 |
| | LO PR | 110 | 117 | 128 | 136 | 116 | 124 | 135 | 144 | 121 | 128 | 140 | 149 | 127 | 135 | 147 | 157 | 133 | 141 | 154 | 164 | 137 | 146 | 160 | 170 |
| | MBh | 42.2 | 43.5 | 47.0 | 50.5 | 41.2 | 42.5 | 45.9 | 49.3 | 40.2 | 41.4 | 44.9 | 48.1 | 39.3 | 40.4 | 43.8 | 47.0 | 37.3 | 38.4 | 41.6 | 44.6 | 34.6 | 35.6 | 38.5 | 41.3 |
| | S/T | 0.81 | 0.72 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.37 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.79 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.93 | 0.83 | 0.63 | 0.40 |
| | Δ T | 25 | 23 | 19 | 13 | 25 | 23 | 19 | 13 | 25 | 23 | 19 | 13 | 26 | 24 | 19 | 13 | 25 | 23 | 19 | 13 | 24 | 22 | 18 | 12 |
| kW | 2.76 | 2.82 | 2.91 | 3.01 | 2.98 | 3.04 | 3.14 | 3.24 | 3.16 | 3.23 | 3.34 | 3.45 | 3.33 | 3.40 | 3.52 | 3.63 | 3.47 | 3.55 | 3.67 | 3.79 | 3.59 | 3.67 | 3.80 | 3.93 | |
| Amps | 12.2 | 12.4 | 12.8 | 13.2 | 13.0 | 13.3 | 13.7 | 14.1 | 14.0 | 14.3 | 14.7 | 15.2 | 14.8 | 15.1 | 15.6 | 16.1 | 15.7 | 16.0 | 16.5 | 17.0 | 16.5 | 16.8 | 17.3 | 17.9 | |
| HI PR | 239 | 257 | 272 | 283 | 268 | 289 | 305 | 318 | 305 | 328 | 347 | 362 | 347 | 374 | 395 | 412 | 391 | 421 | 444 | 463 | 432 | 465 | 491 | 512 | |
| LO PR | 109 | 116 | 126 | 135 | 115 | 122 | 134 | 142 | 119 | 127 | 139 | 148 | 126 | 134 | 146 | 155 | 132 | 140 | 153 | 163 | 136 | 145 | 158 | 168 | |
| MBh | 39.0 | 40.1 | 43.4 | 46.6 | 38.1 | 39.2 | 42.4 | 45.5 | 37.2 | 38.3 | 41.4 | 44.4 | 36.2 | 37.3 | 40.4 | 43.4 | 34.4 | 35.5 | 38.4 | 41.2 | 31.9 | 32.8 | 35.5 | 38.1 | |
| S/T | 0.78 | 0.70 | 0.53 | 0.34 | 0.81 | 0.72 | 0.55 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.79 | 0.60 | 0.39 | 0.90 | 0.80 | 0.61 | 0.39 | |
| Δ T | 25 | 23 | 19 | 13 | 26 | 24 | 19 | 13 | 26 | 24 | 19 | 13 | 26 | 24 | 20 | 13 | 26 | 24 | 19 | 13 | 24 | 22 | 18 | 12 | |
| kW | 2.70 | 2.75 | 2.84 | 2.93 | 2.90 | 2.97 | 3.06 | 3.16 | 3.09 | 3.15 | 3.26 | 3.36 | 3.25 | 3.32 | 3.43 | 3.54 | 3.38 | 3.46 | 3.57 | 3.69 | 3.50 | 3.58 | 3.70 | 3.82 | |
| Amps | 11.9 | 12.1 | 12.5 | 12.9 | 12.7 | 13.0 | 13.3 | 13.8 | 13.6 | 13.9 | 14.3 | 14.8 | 14.5 | 14.8 | 15.2 | 15.7 | 15.3 | 15.6 | 16.1 | 16.6 | 16.1 | 16.4 | 16.9 | 17.5 | |
| HI PR | 232 | 249 | 263 | 275 | 260 | 280 | 296 | 308 | 296 | 318 | 336 | 351 | 337 | 363 | 383 | 399 | 379 | 408 | 431 | 449 | 419 | 451 | 476 | 496 | |
| LO PR | 106 | 112 | 123 | 131 | 112 | 119 | 130 | 138 | 116 | 123 | 135 | 143 | 122 | 130 | 141 | 151 | 128 | 136 | 148 | 158 | 132 | 140 | 153 | 163 | |

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

| IDB | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | |
|-------------|-------------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------|------|------|------|-------|------|------|------|-------|------|------|------|------|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | |
| 1410 | MBh | 44.3 | 45.2 | 48.3 | 51.6 | 43.2 | 44.2 | 47.2 | 50.4 | 42.2 | 43.1 | 46.1 | 49.2 | 41.2 | 42.1 | 44.9 | 48.0 | 39.1 | 40.0 | 42.7 | 45.6 | 36.2 | 37.0 | 39.5 | 42.3 | |
| | S/T | 0.93 | 0.87 | 0.71 | 0.53 | 0.96 | 0.90 | 0.74 | 0.55 | 1.00 | 0.93 | 0.75 | 0.56 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 1.00 | 0.81 | 0.60 | 1.00 | 1.00 | 0.82 | 0.61 | |
| | Δ T | 27 | 26 | 22 | 18 | 27 | 26 | 23 | 18 | 28 | 26 | 23 | 18 | 27 | 26 | 23 | 18 | 26 | 26 | 23 | 18 | 24 | 24 | 21 | 17 | |
| | KW | 2.81 | 2.87 | 2.96 | 3.05 | 3.03 | 3.09 | 3.19 | 3.30 | 3.22 | 3.29 | 3.40 | 3.51 | 3.39 | 3.46 | 3.58 | 3.70 | 3.53 | 3.61 | 3.73 | 3.86 | 3.65 | 3.74 | 3.86 | 3.99 | |
| | Amps | 12.4 | 12.6 | 13.0 | 13.4 | 13.2 | 13.5 | 13.9 | 14.3 | 14.2 | 14.5 | 14.9 | 15.4 | 15.1 | 15.4 | 15.8 | 16.4 | 15.9 | 16.3 | 16.7 | 17.3 | 16.7 | 17.1 | 17.6 | 18.2 | |
| | HI PR | 244 | 262 | 277 | 289 | 274 | 294 | 311 | 324 | 311 | 335 | 354 | 369 | 354 | 381 | 403 | 420 | 399 | 429 | 453 | 473 | 441 | 474 | 501 | 522 | |
| | LO PR | 111 | 118 | 129 | 137 | 117 | 125 | 136 | 145 | 122 | 130 | 142 | 151 | 128 | 136 | 149 | 158 | 134 | 143 | 156 | 166 | 139 | 148 | 161 | 172 | |
| | 80 | MBh | 43.0 | 43.9 | 46.9 | 50.1 | 42.0 | 42.9 | 45.8 | 49.0 | 41.0 | 41.9 | 44.7 | 47.8 | 40.0 | 40.8 | 43.6 | 46.6 | 38.0 | 38.8 | 41.4 | 44.3 | 35.2 | 35.9 | 38.4 | 41.0 |
| | | S/T | 0.89 | 0.83 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 0.96 | 0.78 | 0.58 |
| | | Δ T | 28 | 27 | 23 | 19 | 28 | 27 | 24 | 19 | 28 | 27 | 24 | 19 | 28 | 27 | 24 | 19 | 28 | 27 | 23 | 19 | 26 | 25 | 22 | 17 |
| KW | | 2.79 | 2.85 | 2.94 | 3.03 | 3.00 | 3.07 | 3.16 | 3.27 | 3.19 | 3.26 | 3.37 | 3.48 | 3.36 | 3.43 | 3.55 | 3.67 | 3.50 | 3.58 | 3.70 | 3.82 | 3.62 | 3.71 | 3.83 | 3.96 | |
| Amps | | 12.3 | 12.5 | 12.9 | 13.3 | 13.1 | 13.4 | 13.8 | 14.2 | 14.1 | 14.4 | 14.8 | 15.3 | 14.9 | 15.3 | 15.7 | 16.2 | 15.8 | 16.1 | 16.6 | 17.2 | 16.6 | 17.0 | 17.5 | 18.1 | |
| HI PR | | 241 | 260 | 274 | 286 | 271 | 292 | 308 | 321 | 308 | 332 | 350 | 365 | 351 | 378 | 399 | 416 | 395 | 425 | 449 | 468 | 436 | 469 | 496 | 517 | |
| LO PR | | 110 | 117 | 128 | 136 | 116 | 124 | 135 | 144 | 121 | 128 | 140 | 149 | 127 | 135 | 147 | 157 | 133 | 141 | 154 | 164 | 137 | 146 | 160 | 170 | |
| 1101 | | MBh | 39.7 | 40.5 | 43.3 | 46.3 | 38.7 | 39.6 | 42.3 | 45.2 | 37.8 | 38.6 | 41.3 | 44.1 | 36.9 | 37.7 | 40.3 | 43.1 | 35.0 | 35.8 | 38.3 | 40.9 | 32.5 | 33.2 | 35.4 | 37.9 |
| | | S/T | 0.86 | 0.80 | 0.65 | 0.49 | 0.89 | 0.83 | 0.68 | 0.51 | 0.91 | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.56 | 0.98 | 0.92 | 0.75 | 0.56 |
| | | Δ T | 28 | 27 | 24 | 19 | 29 | 27 | 24 | 19 | 29 | 28 | 24 | 19 | 29 | 28 | 24 | 19 | 28 | 27 | 24 | 19 | 27 | 26 | 22 | 18 |
| | KW | 2.72 | 2.78 | 2.86 | 2.96 | 2.93 | 2.99 | 3.09 | 3.19 | 3.11 | 3.18 | 3.28 | 3.39 | 3.27 | 3.35 | 3.46 | 3.57 | 3.41 | 3.49 | 3.60 | 3.73 | 3.53 | 3.61 | 3.73 | 3.86 | |
| | Amps | 12.0 | 12.2 | 12.6 | 13.0 | 12.8 | 13.1 | 13.4 | 13.9 | 13.8 | 14.0 | 14.5 | 14.9 | 14.6 | 14.9 | 15.3 | 15.8 | 15.4 | 15.7 | 16.2 | 16.7 | 16.2 | 16.6 | 17.1 | 17.6 | |
| | HI PR | 234 | 252 | 266 | 278 | 263 | 283 | 299 | 311 | 299 | 322 | 340 | 354 | 340 | 366 | 387 | 403 | 383 | 412 | 435 | 454 | 423 | 455 | 481 | 501 | |
| | LO PR | 107 | 113 | 124 | 132 | 113 | 120 | 131 | 139 | 117 | 125 | 136 | 145 | 123 | 131 | 143 | 152 | 129 | 137 | 150 | 159 | 133 | 142 | 155 | 165 | |
| | 1410 | MBh | 45.0 | 45.9 | 48.1 | 51.3 | 44.0 | 44.8 | 47.0 | 50.1 | 42.9 | 43.8 | 45.8 | 48.9 | 41.9 | 42.7 | 44.7 | 47.7 | 39.8 | 40.6 | 42.5 | 45.3 | 36.9 | 37.6 | 39.3 | 42.0 |
| | | S/T | 0.98 | 0.94 | 0.85 | 0.69 | 1.00 | 0.98 | 0.88 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.76 | 1.00 | 1.00 | 0.97 | 0.78 | 1.00 | 1.00 | 0.98 | 0.79 |
| | | Δ T | 29 | 28 | 27 | 23 | 29 | 29 | 27 | 23 | 28 | 29 | 27 | 23 | 27 | 28 | 27 | 24 | 26 | 26 | 27 | 23 | 24 | 25 | 25 | 22 |
| KW | | 2.83 | 2.89 | 2.98 | 3.08 | 3.05 | 3.12 | 3.22 | 3.32 | 3.24 | 3.32 | 3.42 | 3.54 | 3.41 | 3.49 | 3.61 | 3.73 | 3.56 | 3.64 | 3.76 | 3.89 | 3.68 | 3.77 | 3.89 | 4.03 | |
| Amps | | 12.5 | 12.7 | 13.1 | 13.5 | 13.3 | 13.6 | 14.0 | 14.4 | 14.3 | 14.6 | 15.0 | 15.5 | 15.2 | 15.5 | 16.0 | 16.5 | 16.0 | 16.4 | 16.9 | 17.5 | 16.9 | 17.3 | 17.8 | 18.4 | |
| HI PR | | 246 | 265 | 280 | 292 | 276 | 297 | 314 | 328 | 314 | 338 | 357 | 372 | 358 | 385 | 407 | 424 | 403 | 433 | 458 | 477 | 445 | 479 | 506 | 527 | |
| LO PR | | 112 | 119 | 130 | 139 | 118 | 126 | 138 | 147 | 123 | 131 | 143 | 152 | 129 | 138 | 150 | 160 | 136 | 144 | 157 | 168 | 140 | 149 | 163 | 173 | |
| 85 | | MBh | 43.7 | 44.6 | 46.7 | 49.8 | 42.7 | 43.5 | 45.6 | 48.6 | 41.7 | 42.5 | 44.5 | 47.5 | 40.7 | 41.5 | 43.4 | 46.3 | 38.6 | 39.4 | 41.2 | 44.0 | 35.8 | 36.5 | 38.2 | 40.8 |
| | | S/T | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.93 | 0.75 |
| | | Δ T | 30 | 29 | 28 | 24 | 30 | 30 | 28 | 24 | 30 | 30 | 28 | 24 | 30 | 30 | 28 | 24 | 28 | 29 | 28 | 24 | 26 | 27 | 26 | 23 |
| | KW | 2.81 | 2.87 | 2.96 | 3.05 | 3.03 | 3.09 | 3.19 | 3.30 | 3.22 | 3.29 | 3.40 | 3.51 | 3.39 | 3.46 | 3.58 | 3.70 | 3.53 | 3.61 | 3.73 | 3.86 | 3.65 | 3.74 | 3.86 | 3.99 | |
| | Amps | 12.4 | 12.6 | 13.0 | 13.4 | 13.2 | 13.5 | 13.9 | 14.3 | 14.2 | 14.5 | 14.9 | 15.4 | 15.1 | 15.4 | 15.8 | 16.4 | 15.9 | 16.3 | 16.7 | 17.3 | 16.7 | 17.1 | 17.6 | 18.2 | |
| | HI PR | 244 | 262 | 277 | 289 | 274 | 294 | 311 | 324 | 311 | 335 | 354 | 369 | 354 | 381 | 403 | 420 | 399 | 429 | 453 | 473 | 441 | 474 | 501 | 522 | |
| | LO PR | 111 | 118 | 129 | 137 | 117 | 125 | 136 | 145 | 122 | 130 | 142 | 151 | 128 | 136 | 149 | 158 | 134 | 143 | 156 | 166 | 139 | 148 | 161 | 172 | |
| | 1101 | MBh | 40.3 | 41.1 | 43.1 | 46.0 | 39.4 | 40.2 | 42.1 | 44.9 | 38.5 | 39.2 | 41.1 | 43.8 | 37.5 | 38.3 | 40.1 | 42.7 | 35.7 | 36.3 | 38.1 | 40.6 | 33.0 | 33.7 | 35.3 | 37.6 |
| | | S/T | 0.90 | 0.87 | 0.78 | 0.63 | 0.93 | 0.90 | 0.81 | 0.66 | 0.95 | 0.92 | 0.83 | 0.67 | 0.98 | 0.95 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 0.99 | 0.90 | 0.73 |
| | | Δ T | 30 | 30 | 28 | 24 | 31 | 30 | 28 | 25 | 31 | 30 | 28 | 25 | 31 | 30 | 29 | 25 | 30 | 30 | 28 | 24 | 28 | 28 | 26 | 23 |
| KW | | 2.74 | 2.80 | 2.89 | 2.98 | 2.95 | 3.02 | 3.11 | 3.21 | 3.14 | 3.21 | 3.31 | 3.42 | 3.30 | 3.37 | 3.49 | 3.60 | 3.44 | 3.52 | 3.63 | 3.76 | 3.56 | 3.64 | 3.76 | 3.89 | |
| Amps | | 12.1 | 12.3 | 12.7 | 13.1 | 12.9 | 13.2 | 13.5 | 14.0 | 13.9 | 14.2 | 14.6 | 15.0 | 14.7 | 15.0 | 15.4 | 16.0 | 15.5 | 15.9 | 16.3 | 16.9 | 16.3 | 16.7 | 17.2 | 17.8 | |
| HI PR | | 237 | 255 | 269 | 280 | 265 | 286 | 302 | 315 | 302 | 325 | 343 | 358 | 344 | 370 | 391 | 407 | 387 | 416 | 439 | 458 | 427 | 460 | 486 | 506 | |
| LO PR | | 108 | 115 | 125 | 133 | 114 | 121 | 132 | 141 | 118 | 126 | 137 | 146 | 124 | 132 | 144 | 154 | 130 | 138 | 151 | 161 | 135 | 143 | 156 | 167 | |

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

Shaded area reflects AHRI (TVA) conditions

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

| IDB | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|----|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | MBh | 46.2 | 47.9 | 52.5 | - | 45.1 | 46.8 | 51.3 | - | 44.1 | 45.7 | 50.0 | - | 43.0 | 44.6 | 48.8 | - | 40.8 | 42.3 | 46.4 | - | 37.8 | 39.2 | 43.0 | - |
| | S/T | 0.72 | 0.60 | 0.42 | - | 0.75 | 0.62 | 0.43 | - | 0.77 | 0.64 | 0.44 | - | 0.79 | 0.66 | 0.46 | - | 0.82 | 0.69 | 0.47 | - | 0.83 | 0.69 | 0.48 | - |
| | Δ T | 21 | 18 | 14 | - | 21 | 19 | 14 | - | 21 | 19 | 14 | - | 22 | 19 | 14 | - | 21 | 18 | 14 | - | 20 | 17 | 13 | - |
| | KW | 3.05 | 3.11 | 3.21 | - | 3.28 | 3.35 | 3.46 | - | 3.49 | 3.56 | 3.68 | - | 3.67 | 3.75 | 3.87 | - | 3.83 | 3.91 | 4.04 | - | 3.96 | 4.05 | 4.18 | - |
| | Amps | 14.3 | 14.6 | 15.0 | - | 15.3 | 15.6 | 16.1 | - | 16.4 | 16.8 | 17.3 | - | 17.4 | 17.8 | 18.3 | - | 18.4 | 18.8 | 19.3 | - | 19.3 | 19.7 | 20.3 | - |
| | HI PR | 239 | 257 | 271 | - | 268 | 288 | 304 | - | 305 | 328 | 346 | - | 347 | 373 | 394 | - | 390 | 420 | 443 | - | 431 | 464 | 490 | - |
| | LO PR | 106 | 113 | 123 | - | 112 | 119 | 130 | - | 116 | 124 | 135 | - | 122 | 130 | 142 | - | 128 | 136 | 149 | - | 132 | 141 | 154 | - |
| | MBh | 44.9 | 46.5 | 51.0 | - | 43.8 | 45.4 | 49.8 | - | 42.8 | 44.3 | 48.6 | - | 41.7 | 43.3 | 47.4 | - | 39.7 | 41.1 | 45.0 | - | 36.7 | 38.1 | 41.7 | - |
| | S/T | 0.69 | 0.57 | 0.40 | - | 0.71 | 0.59 | 0.41 | - | 0.73 | 0.61 | 0.42 | - | 0.75 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.79 | 0.66 | 0.46 | - |
| | Δ T | 22 | 19 | 14 | - | 22 | 19 | 15 | - | 22 | 19 | 15 | - | 23 | 19 | 15 | - | 22 | 19 | 15 | - | 21 | 18 | 14 | - |
| KW | 3.02 | 3.09 | 3.18 | - | 3.25 | 3.32 | 3.43 | - | 3.46 | 3.53 | 3.65 | - | 3.64 | 3.72 | 3.84 | - | 3.79 | 3.88 | 4.01 | - | 3.93 | 4.01 | 4.15 | - | |
| Amps | 14.2 | 14.5 | 14.9 | - | 15.2 | 15.5 | 15.9 | - | 16.3 | 16.6 | 17.1 | - | 17.3 | 17.6 | 18.1 | - | 18.2 | 18.6 | 19.2 | - | 19.2 | 19.6 | 20.2 | - | |
| HI PR | 236 | 254 | 269 | - | 265 | 285 | 301 | - | 302 | 325 | 343 | - | 343 | 370 | 390 | - | 386 | 416 | 439 | - | 427 | 459 | 485 | - | |
| LO PR | 105 | 111 | 122 | - | 111 | 118 | 129 | - | 115 | 122 | 134 | - | 121 | 129 | 140 | - | 127 | 135 | 147 | - | 131 | 139 | 152 | - | |
| MBh | 41.4 | 42.9 | 47.0 | - | 40.4 | 41.9 | 45.9 | - | 39.5 | 40.9 | 44.8 | - | 38.5 | 39.9 | 43.7 | - | 36.6 | 37.9 | 41.6 | - | 33.9 | 35.1 | 38.5 | - | |
| S/T | 0.66 | 0.55 | 0.38 | - | 0.69 | 0.57 | 0.40 | - | 0.70 | 0.59 | 0.41 | - | 0.73 | 0.61 | 0.42 | - | 0.75 | 0.63 | 0.44 | - | 0.76 | 0.64 | 0.44 | - | |
| Δ T | 22 | 19 | 15 | - | 23 | 20 | 15 | - | 23 | 20 | 15 | - | 23 | 20 | 15 | - | 23 | 19 | 15 | - | 21 | 18 | 14 | - | |
| KW | 2.95 | 3.01 | 3.11 | - | 3.18 | 3.24 | 3.35 | - | 3.37 | 3.45 | 3.56 | - | 3.55 | 3.63 | 3.75 | - | 3.70 | 3.78 | 3.91 | - | 3.83 | 3.91 | 4.04 | - | |
| Amps | 13.9 | 14.2 | 14.6 | - | 14.8 | 15.1 | 15.6 | - | 15.9 | 16.2 | 16.7 | - | 16.9 | 17.2 | 17.7 | - | 17.8 | 18.2 | 18.7 | - | 18.7 | 19.1 | 19.7 | - | |
| HI PR | 229 | 247 | 260 | - | 257 | 277 | 292 | - | 293 | 315 | 332 | - | 333 | 359 | 379 | - | 375 | 403 | 426 | - | 414 | 446 | 471 | - | |
| LO PR | 102 | 108 | 118 | - | 107 | 114 | 125 | - | 112 | 119 | 130 | - | 117 | 125 | 136 | - | 123 | 131 | 143 | - | 127 | 135 | 148 | - | |

| IDB | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 75 | MBh | 47.0 | 48.4 | 52.4 | 56.2 | 45.9 | 47.3 | 51.2 | 54.9 | 44.8 | 46.1 | 49.9 | 53.6 | 43.7 | 45.0 | 48.7 | 52.3 | 41.5 | 42.8 | 46.3 | 49.7 | 38.5 | 39.6 | 42.9 | 46.0 |
| | S/T | 0.82 | 0.73 | 0.55 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.41 | 0.94 | 0.84 | 0.64 | 0.41 |
| | Δ T | 25 | 23 | 19 | 13 | 25 | 23 | 19 | 13 | 25 | 23 | 19 | 13 | 25 | 23 | 19 | 13 | 25 | 23 | 19 | 13 | 23 | 21 | 17 | 12 |
| | KW | 3.07 | 3.14 | 3.24 | 3.34 | 3.31 | 3.38 | 3.49 | 3.60 | 3.52 | 3.59 | 3.71 | 3.83 | 3.70 | 3.78 | 3.91 | 4.04 | 3.86 | 3.94 | 4.08 | 4.21 | 3.99 | 4.08 | 4.22 | 4.36 |
| | Amps | 14.5 | 14.7 | 15.1 | 15.6 | 15.4 | 15.7 | 16.2 | 16.7 | 16.6 | 16.9 | 17.4 | 18.0 | 17.5 | 17.9 | 18.4 | 19.0 | 18.5 | 18.9 | 19.5 | 20.1 | 19.5 | 19.9 | 20.5 | 21.2 |
| | HI PR | 241 | 259 | 274 | 286 | 271 | 291 | 307 | 321 | 308 | 331 | 350 | 365 | 350 | 377 | 398 | 415 | 394 | 424 | 448 | 467 | 436 | 469 | 495 | 516 |
| | LO PR | 107 | 114 | 124 | 132 | 113 | 120 | 131 | 140 | 117 | 125 | 136 | 145 | 123 | 131 | 143 | 152 | 129 | 137 | 150 | 160 | 134 | 142 | 155 | 165 |
| | MBh | 45.6 | 47.0 | 50.8 | 54.6 | 44.6 | 45.9 | 49.7 | 53.3 | 43.5 | 44.8 | 48.5 | 52.0 | 42.4 | 43.7 | 47.3 | 50.8 | 40.3 | 41.5 | 44.9 | 48.2 | 37.4 | 38.5 | 41.6 | 44.7 |
| | S/T | 0.78 | 0.70 | 0.53 | 0.34 | 0.81 | 0.72 | 0.55 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.80 | 0.60 | 0.39 | 0.90 | 0.80 | 0.61 | 0.39 |
| | Δ T | 25 | 23 | 19 | 13 | 26 | 24 | 19 | 13 | 26 | 24 | 19 | 13 | 26 | 24 | 20 | 14 | 26 | 24 | 19 | 13 | 24 | 22 | 18 | 12 |
| KW | 3.05 | 3.11 | 3.21 | 3.31 | 3.28 | 3.35 | 3.46 | 3.57 | 3.49 | 3.56 | 3.68 | 3.80 | 3.67 | 3.75 | 3.88 | 4.01 | 3.83 | 3.91 | 4.04 | 4.18 | 3.96 | 4.05 | 4.18 | 4.33 | |
| Amps | 14.3 | 14.6 | 15.0 | 15.5 | 15.3 | 15.6 | 16.1 | 16.6 | 16.4 | 16.8 | 17.3 | 17.8 | 17.4 | 17.8 | 18.3 | 18.9 | 18.4 | 18.8 | 19.3 | 20.0 | 19.3 | 19.7 | 20.3 | 21.0 | |
| HI PR | 239 | 257 | 271 | 283 | 268 | 288 | 304 | 317 | 305 | 328 | 346 | 361 | 347 | 373 | 394 | 411 | 390 | 420 | 444 | 463 | 431 | 464 | 490 | 511 | |
| LO PR | 106 | 113 | 123 | 131 | 112 | 119 | 130 | 138 | 116 | 124 | 135 | 144 | 122 | 130 | 142 | 151 | 128 | 136 | 149 | 158 | 132 | 141 | 154 | 164 | |
| MBh | 42.1 | 43.4 | 46.9 | 50.4 | 41.1 | 42.4 | 45.8 | 49.2 | 40.2 | 41.3 | 44.8 | 48.0 | 39.2 | 40.3 | 43.7 | 46.9 | 37.2 | 38.3 | 41.5 | 44.5 | 34.5 | 35.5 | 38.4 | 41.2 | |
| S/T | 0.75 | 0.67 | 0.51 | 0.33 | 0.78 | 0.70 | 0.53 | 0.34 | 0.80 | 0.72 | 0.54 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.86 | 0.77 | 0.59 | 0.38 | |
| Δ T | 26 | 24 | 20 | 13 | 26 | 24 | 20 | 14 | 26 | 24 | 20 | 14 | 26 | 24 | 20 | 14 | 26 | 24 | 20 | 14 | 24 | 22 | 18 | 13 | |
| KW | 2.97 | 3.04 | 3.13 | 3.23 | 3.20 | 3.27 | 3.37 | 3.48 | 3.40 | 3.48 | 3.59 | 3.71 | 3.58 | 3.66 | 3.78 | 3.90 | 3.73 | 3.81 | 3.94 | 4.07 | 3.86 | 3.95 | 4.08 | 4.22 | |
| Amps | 14.0 | 14.3 | 14.7 | 15.1 | 15.0 | 15.3 | 15.7 | 16.2 | 16.0 | 16.4 | 16.8 | 17.4 | 17.0 | 17.3 | 17.8 | 18.4 | 17.9 | 18.3 | 18.8 | 19.5 | 18.8 | 19.3 | 19.8 | 20.5 | |
| HI PR | 232 | 249 | 263 | 274 | 260 | 280 | 295 | 308 | 295 | 318 | 336 | 350 | 337 | 362 | 382 | 399 | 379 | 407 | 430 | 449 | 418 | 450 | 475 | 496 | |
| LO PR | 103 | 109 | 119 | 127 | 108 | 115 | 126 | 134 | 113 | 120 | 131 | 139 | 118 | 126 | 138 | 146 | 124 | 132 | 144 | 153 | 128 | 137 | 149 | 159 | |

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

| | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | |
|-----------|--------------------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------|------|------|------|-------|------|------|------|-------|------|------|------|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | IDB AIRFLOW | 47.8 | 48.9 | 52.2 | 55.8 | 46.7 | 47.7 | 51.0 | 54.5 | 45.6 | 46.6 | 49.8 | 53.2 | 44.5 | 45.5 | 48.6 | 51.9 | 42.3 | 43.2 | 46.1 | 49.3 | 39.2 | 40.0 | 42.7 | 45.7 |
| | MBh | 0.90 | 0.84 | 0.69 | 0.51 | 0.93 | 0.87 | 0.71 | 0.53 | 0.95 | 0.90 | 0.73 | 0.54 | 1.00 | 0.92 | 0.75 | 0.56 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 0.97 | 0.79 | 0.59 |
| | S/T | 27 | 26 | 23 | 18 | 28 | 27 | 23 | 18 | 28 | 27 | 23 | 18 | 28 | 27 | 23 | 19 | 27 | 26 | 23 | 18 | 25 | 25 | 21 | 17 |
| | Δ T | 3.10 | 3.16 | 3.26 | 3.37 | 3.33 | 3.41 | 3.52 | 3.63 | 3.55 | 3.62 | 3.74 | 3.87 | 3.73 | 3.82 | 3.94 | 4.07 | 3.89 | 3.98 | 4.11 | 4.25 | 4.03 | 4.12 | 4.26 | 4.40 |
| | KW | 14.6 | 14.9 | 15.3 | 15.7 | 15.6 | 15.9 | 16.3 | 16.8 | 16.7 | 17.0 | 17.5 | 18.1 | 17.7 | 18.1 | 18.6 | 19.2 | 18.7 | 19.1 | 19.6 | 20.3 | 19.6 | 20.1 | 20.7 | 21.4 |
| | Amps | 244 | 262 | 277 | 289 | 273 | 294 | 311 | 324 | 311 | 334 | 353 | 368 | 354 | 381 | 402 | 420 | 398 | 429 | 453 | 472 | 440 | 473 | 500 | 521 |
| | HI PR | 108 | 115 | 125 | 134 | 114 | 121 | 132 | 141 | 119 | 126 | 138 | 147 | 125 | 132 | 145 | 154 | 131 | 139 | 152 | 161 | 135 | 144 | 157 | 167 |
| | LO PR | 46.4 | 47.5 | 50.7 | 54.2 | 45.4 | 46.3 | 49.5 | 52.9 | 44.3 | 45.2 | 48.3 | 51.7 | 43.2 | 44.1 | 47.2 | 50.4 | 41.0 | 41.9 | 44.8 | 47.9 | 38.0 | 38.8 | 41.5 | 44.4 |
| | MBh | 0.86 | 0.80 | 0.65 | 0.49 | 0.89 | 0.83 | 0.68 | 0.51 | 0.91 | 0.85 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.98 | 0.92 | 0.74 | 0.56 | 0.98 | 0.92 | 0.75 | 0.56 |
| | S/T | 28 | 27 | 24 | 19 | 29 | 28 | 24 | 19 | 29 | 28 | 24 | 19 | 29 | 28 | 24 | 19 | 29 | 27 | 24 | 19 | 27 | 26 | 22 | 18 |
| Δ T | 3.07 | 3.14 | 3.24 | 3.34 | 3.31 | 3.38 | 3.49 | 3.60 | 3.52 | 3.59 | 3.71 | 3.83 | 3.70 | 3.78 | 3.91 | 4.04 | 3.86 | 3.94 | 4.08 | 4.21 | 3.99 | 4.08 | 4.22 | 4.36 | |
| KW | 14.5 | 14.7 | 15.1 | 15.6 | 15.4 | 15.7 | 16.2 | 16.7 | 16.6 | 16.9 | 17.4 | 18.0 | 17.5 | 17.9 | 18.4 | 19.0 | 18.5 | 18.9 | 19.5 | 20.1 | 19.5 | 19.9 | 20.5 | 21.2 | |
| Amps | 241 | 259 | 274 | 286 | 271 | 291 | 307 | 321 | 308 | 331 | 350 | 365 | 350 | 377 | 398 | 415 | 394 | 424 | 448 | 467 | 436 | 469 | 495 | 516 | |
| HI PR | 107 | 114 | 124 | 132 | 113 | 120 | 131 | 140 | 117 | 125 | 136 | 145 | 123 | 131 | 143 | 153 | 129 | 137 | 150 | 160 | 134 | 142 | 155 | 165 | |
| LO PR | 42.9 | 43.8 | 46.8 | 50.0 | 41.9 | 42.8 | 45.7 | 48.9 | 40.9 | 41.8 | 44.6 | 47.7 | 39.9 | 40.7 | 43.5 | 46.5 | 37.9 | 38.7 | 41.4 | 44.2 | 35.1 | 35.9 | 38.3 | 40.9 | |
| MBh | 0.83 | 0.78 | 0.63 | 0.47 | 0.86 | 0.80 | 0.65 | 0.49 | 0.88 | 0.82 | 0.67 | 0.50 | 0.91 | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.95 | 0.89 | 0.72 | 0.54 | |
| S/T | 29 | 28 | 24 | 19 | 29 | 28 | 24 | 19 | 29 | 28 | 24 | 19 | 29 | 28 | 25 | 20 | 29 | 28 | 24 | 19 | 27 | 26 | 23 | 18 | |
| Δ T | 3.00 | 3.06 | 3.16 | 3.26 | 3.23 | 3.30 | 3.40 | 3.51 | 3.43 | 3.51 | 3.62 | 3.74 | 3.61 | 3.69 | 3.81 | 3.94 | 3.76 | 3.85 | 3.97 | 4.11 | 3.89 | 3.98 | 4.11 | 4.25 | |
| KW | 14.1 | 14.4 | 14.8 | 15.3 | 15.1 | 15.4 | 15.8 | 16.3 | 16.2 | 16.5 | 17.0 | 17.5 | 17.1 | 17.5 | 18.0 | 18.6 | 18.1 | 18.5 | 19.0 | 19.6 | 19.0 | 19.4 | 20.0 | 20.7 | |
| Amps | 234 | 252 | 266 | 277 | 262 | 282 | 298 | 311 | 298 | 321 | 339 | 354 | 340 | 366 | 386 | 403 | 382 | 412 | 435 | 453 | 423 | 455 | 480 | 501 | |
| HI PR | 104 | 110 | 120 | 128 | 110 | 117 | 127 | 136 | 114 | 121 | 132 | 141 | 120 | 127 | 139 | 148 | 125 | 133 | 146 | 155 | 130 | 138 | 151 | 160 | |
| LO PR | 48.7 | 49.6 | 52.0 | 55.4 | 47.5 | 48.5 | 50.7 | 54.1 | 46.4 | 47.3 | 49.5 | 52.9 | 45.3 | 46.1 | 48.3 | 51.6 | 43.0 | 43.8 | 45.9 | 49.0 | 39.8 | 40.6 | 42.5 | 45.4 | |
| MBh | 0.94 | 0.91 | 0.82 | 0.67 | 0.98 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.76 | 1.00 | 1.00 | 0.94 | 0.76 | |
| S/T | 29 | 29 | 27 | 23 | 30 | 29 | 27 | 24 | 30 | 29 | 28 | 24 | 29 | 29 | 28 | 24 | 27 | 28 | 27 | 24 | 25 | 26 | 26 | 22 | |
| Δ T | 3.12 | 3.19 | 3.29 | 3.39 | 3.36 | 3.43 | 3.55 | 3.66 | 3.58 | 3.65 | 3.77 | 3.90 | 3.76 | 3.85 | 3.97 | 4.11 | 3.92 | 4.01 | 4.15 | 4.29 | 4.06 | 4.15 | 4.29 | 4.44 | |
| KW | 14.7 | 15.0 | 15.4 | 15.9 | 15.7 | 16.0 | 16.4 | 17.0 | 16.8 | 17.2 | 17.7 | 18.2 | 17.8 | 18.2 | 18.7 | 19.3 | 18.8 | 19.2 | 19.8 | 20.5 | 19.8 | 20.2 | 20.8 | 21.5 | |
| Amps | 246 | 265 | 280 | 292 | 276 | 297 | 314 | 327 | 314 | 338 | 357 | 372 | 358 | 385 | 406 | 424 | 402 | 433 | 457 | 477 | 444 | 478 | 505 | 527 | |
| HI PR | 109 | 116 | 127 | 135 | 115 | 123 | 134 | 143 | 120 | 127 | 139 | 148 | 126 | 134 | 146 | 156 | 132 | 140 | 153 | 163 | 136 | 145 | 158 | 169 | |
| LO PR | 47.2 | 48.2 | 50.4 | 53.8 | 46.2 | 47.0 | 49.3 | 52.6 | 45.1 | 45.9 | 48.1 | 51.3 | 44.0 | 44.8 | 46.9 | 50.1 | 41.8 | 42.6 | 44.6 | 47.6 | 38.7 | 39.4 | 41.3 | 44.1 | |
| MBh | 0.90 | 0.87 | 0.78 | 0.63 | 0.93 | 0.90 | 0.81 | 0.66 | 0.95 | 0.92 | 0.83 | 0.67 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.90 | 0.73 | |
| S/T | 30 | 30 | 28 | 24 | 31 | 30 | 29 | 25 | 31 | 30 | 29 | 25 | 31 | 30 | 29 | 25 | 30 | 30 | 28 | 25 | 28 | 28 | 27 | 23 | |
| Δ T | 3.10 | 3.16 | 3.26 | 3.37 | 3.33 | 3.41 | 3.52 | 3.63 | 3.55 | 3.62 | 3.74 | 3.87 | 3.73 | 3.82 | 3.94 | 4.07 | 3.89 | 3.98 | 4.11 | 4.25 | 4.03 | 4.12 | 4.26 | 4.40 | |
| KW | 14.6 | 14.9 | 15.3 | 15.7 | 15.6 | 15.9 | 16.3 | 16.8 | 16.7 | 17.0 | 17.5 | 18.1 | 17.7 | 18.1 | 18.6 | 19.2 | 18.7 | 19.1 | 19.6 | 20.3 | 19.6 | 20.1 | 20.7 | 21.4 | |
| Amps | 244 | 262 | 277 | 289 | 273 | 294 | 311 | 324 | 311 | 334 | 353 | 368 | 354 | 381 | 402 | 420 | 398 | 429 | 453 | 472 | 440 | 473 | 500 | 521 | |
| HI PR | 108 | 115 | 125 | 134 | 114 | 121 | 132 | 141 | 119 | 126 | 138 | 147 | 125 | 132 | 145 | 154 | 131 | 139 | 152 | 161 | 135 | 144 | 157 | 167 | |
| LO PR | 43.6 | 44.5 | 46.6 | 49.7 | 42.6 | 43.4 | 45.5 | 48.5 | 41.6 | 42.4 | 44.4 | 47.4 | 40.6 | 41.4 | 43.3 | 46.2 | 38.5 | 39.3 | 41.1 | 43.9 | 35.7 | 36.4 | 38.1 | 40.7 | |
| MBh | 0.87 | 0.84 | 0.75 | 0.61 | 0.90 | 0.87 | 0.78 | 0.63 | 0.92 | 0.89 | 0.80 | 0.65 | 0.95 | 0.92 | 0.83 | 0.67 | 0.99 | 0.95 | 0.86 | 0.70 | 0.99 | 0.96 | 0.87 | 0.70 | |
| S/T | 31 | 30 | 29 | 25 | 31 | 31 | 29 | 25 | 31 | 31 | 29 | 25 | 31 | 31 | 29 | 25 | 31 | 30 | 29 | 25 | 29 | 28 | 27 | 23 | |
| Δ T | 3.02 | 3.09 | 3.18 | 3.28 | 3.25 | 3.32 | 3.43 | 3.54 | 3.46 | 3.53 | 3.65 | 3.77 | 3.64 | 3.72 | 3.84 | 3.97 | 3.79 | 3.88 | 4.01 | 4.14 | 3.93 | 4.01 | 4.15 | 4.29 | |
| KW | 14.2 | 14.5 | 14.9 | 15.4 | 15.2 | 15.5 | 15.9 | 16.4 | 16.3 | 16.6 | 17.1 | 17.7 | 17.3 | 17.6 | 18.1 | 18.7 | 18.2 | 18.6 | 19.1 | 19.8 | 19.2 | 19.6 | 20.2 | 20.8 | |
| Amps | 236 | 254 | 268 | 280 | 265 | 285 | 301 | 314 | 301 | 324 | 343 | 357 | 343 | 369 | 390 | 407 | 386 | 416 | 439 | 458 | 427 | 459 | 485 | 506 | |
| HI PR | 105 | 111 | 122 | 130 | 111 | 118 | 129 | 137 | 115 | 122 | 134 | 142 | 121 | 129 | 140 | 149 | 127 | 135 | 147 | 157 | 131 | 139 | 152 | 162 | |
| LO PR | 48.7 | 49.6 | 52.0 | 55.4 | 47.5 | 48.5 | 50.7 | 54.1 | 46.4 | 47.3 | 49.5 | 52.9 | 45.3 | 46.1 | 48.3 | 51.6 | 43.0 | 43.8 | 45.9 | 49.0 | 39.8 | 40.6 | 42.5 | 45.4 | |

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

| IDB | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|-------|----|----|----|--|--|-------|--|--|--|--|--|
| | | 65°F | | | | | | 75°F | | | | | | 85°F | | | | | | 95°F | | | | | | 105°F | | | | | | 115°F | | | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | | | | | | | | |
| 2221 | MBh | 58.1 | 60.2 | 66.0 | - | 56.8 | 58.8 | 64.5 | - | 55.4 | 57.4 | 62.9 | - | 54.1 | 56.0 | 61.4 | - | 51.4 | 53.2 | 58.3 | - | 47.6 | 49.3 | 54.0 | - | | | | | | | | | | | | |
| | S/T | 0.78 | 0.65 | 0.45 | - | 0.80 | 0.67 | 0.47 | - | 0.83 | 0.69 | 0.48 | - | 0.85 | 0.71 | 0.49 | - | 0.88 | 0.74 | 0.51 | - | 0.89 | 0.74 | 0.52 | - | | | | | | | | | | | | |
| | Δ T | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 13 | - | 19 | 16 | 12 | - | 18 | 15 | 12 | - | | | | | | | | | | | | |
| | KW | 3.87 | 3.95 | 4.07 | - | 4.15 | 4.24 | 4.36 | - | 4.40 | 4.49 | 4.63 | - | 4.62 | 4.71 | 4.86 | - | 4.80 | 4.90 | 5.06 | - | 4.96 | 5.07 | 5.23 | - | | | | | | | | | | | | |
| | Amps | 18.0 | 18.3 | 18.8 | - | 19.1 | 19.5 | 20.0 | - | 20.5 | 20.9 | 21.4 | - | 21.6 | 22.0 | 22.6 | - | 22.7 | 23.2 | 23.8 | - | 23.9 | 24.4 | 25.0 | - | | | | | | | | | | | | |
| | HI PR | 194 | 209 | 221 | - | 218 | 235 | 248 | - | 248 | 267 | 282 | - | 283 | 304 | 321 | - | 318 | 342 | 361 | - | 351 | 378 | 399 | - | | | | | | | | | | | | |
| | LO PR | 112 | 119 | 130 | - | 118 | 126 | 137 | - | 123 | 131 | 143 | - | 129 | 137 | 150 | - | 135 | 144 | 157 | - | 140 | 149 | 163 | - | | | | | | | | | | | | |
| | MBh | 56.4 | 58.5 | 64.1 | - | 55.1 | 57.1 | 62.6 | - | 53.8 | 55.8 | 61.1 | - | 52.5 | 54.4 | 59.6 | - | 49.9 | 51.7 | 56.6 | - | 46.2 | 47.9 | 52.4 | - | | | | | | | | | | | | |
| | S/T | 0.74 | 0.62 | 0.43 | - | 0.77 | 0.64 | 0.44 | - | 0.79 | 0.66 | 0.46 | - | 0.81 | 0.68 | 0.47 | - | 0.84 | 0.70 | 0.49 | - | 0.85 | 0.71 | 0.49 | - | | | | | | | | | | | | |
| | Δ T | 19 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 18 | 16 | 12 | - | | | | | | | | | | | | |
| KW | 3.84 | 3.92 | 4.04 | - | 4.12 | 4.20 | 4.33 | - | 4.36 | 4.46 | 4.59 | - | 4.58 | 4.68 | 4.82 | - | 4.77 | 4.87 | 5.02 | - | 4.92 | 5.03 | 5.19 | - | | | | | | | | | | | | | |
| Amps | 17.9 | 18.2 | 18.7 | - | 19.0 | 19.4 | 19.9 | - | 20.3 | 20.7 | 21.3 | - | 21.4 | 21.9 | 22.5 | - | 22.6 | 23.0 | 23.7 | - | 23.7 | 24.2 | 24.8 | - | | | | | | | | | | | | | |
| HI PR | 193 | 207 | 219 | - | 216 | 232 | 245 | - | 246 | 264 | 279 | - | 280 | 301 | 318 | - | 315 | 339 | 358 | - | 348 | 374 | 395 | - | | | | | | | | | | | | | |
| LO PR | 111 | 118 | 129 | - | 117 | 125 | 136 | - | 122 | 129 | 141 | - | 128 | 136 | 148 | - | 134 | 143 | 156 | - | 139 | 147 | 161 | - | | | | | | | | | | | | | |
| MBh | 53.6 | 55.6 | 60.9 | - | 52.4 | 54.3 | 59.5 | - | 51.1 | 53.0 | 58.0 | - | 49.9 | 51.7 | 56.6 | - | 47.4 | 49.1 | 53.8 | - | 43.9 | 45.5 | 49.8 | - | | | | | | | | | | | | | |
| S/T | 0.71 | 0.59 | 0.41 | - | 0.74 | 0.61 | 0.43 | - | 0.75 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.67 | 0.47 | - | 0.81 | 0.68 | 0.47 | - | | | | | | | | | | | | | |
| Δ T | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 18 | 13 | - | 20 | 18 | 13 | - | 20 | 17 | 13 | - | 19 | 16 | 12 | - | | | | | | | | | | | | | |
| KW | 3.79 | 3.86 | 3.97 | - | 4.06 | 4.14 | 4.26 | - | 4.30 | 4.39 | 4.52 | - | 4.51 | 4.60 | 4.75 | - | 4.69 | 4.79 | 4.94 | - | 4.84 | 4.95 | 5.10 | - | | | | | | | | | | | | | |
| Amps | 17.6 | 17.9 | 18.4 | - | 18.7 | 19.1 | 19.6 | - | 20.0 | 20.4 | 20.9 | - | 21.1 | 21.5 | 22.1 | - | 22.2 | 22.7 | 23.3 | - | 23.3 | 23.8 | 24.5 | - | | | | | | | | | | | | | |
| HI PR | 189 | 203 | 214 | - | 212 | 228 | 241 | - | 241 | 259 | 274 | - | 274 | 295 | 312 | - | 308 | 332 | 351 | - | 341 | 367 | 387 | - | | | | | | | | | | | | | |
| LO PR | 109 | 116 | 126 | - | 115 | 122 | 133 | - | 119 | 127 | 139 | - | 125 | 133 | 146 | - | 131 | 140 | 152 | - | 136 | 144 | 158 | - | | | | | | | | | | | | | |

| IDB | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|----|----|----|--|--|-------|--|--|--|--|--|
| | | 65°F | | | | | | 75°F | | | | | | 85°F | | | | | | 95°F | | | | | | 105°F | | | | | | 115°F | | | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | | | | | | | | |
| 2221 | MBh | 59.1 | 60.8 | 65.9 | 70.7 | 57.7 | 59.4 | 64.3 | 69.0 | 56.3 | 58.0 | 62.8 | 67.4 | 55.0 | 56.6 | 61.3 | 65.8 | 52.2 | 53.8 | 58.2 | 62.5 | 48.4 | 49.8 | 53.9 | 57.9 | | | | | | | | | | | | |
| | S/T | 0.88 | 0.79 | 0.60 | 0.38 | 0.91 | 0.82 | 0.62 | 0.40 | 0.94 | 0.84 | 0.63 | 0.41 | 0.97 | 0.87 | 0.66 | 0.42 | 1.00 | 0.90 | 0.68 | 0.44 | 1.00 | 0.91 | 0.69 | 0.44 | | | | | | | | | | | | |
| | Δ T | 22 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | 20 | 17 | 11 | 22 | 20 | 17 | 11 | 22 | 20 | 16 | 11 | 22 | 20 | 19 | 15 | 11 | | | | | | | | | | | |
| | KW | 3.90 | 3.98 | 4.10 | 4.22 | 4.18 | 4.27 | 4.40 | 4.54 | 4.43 | 4.53 | 4.67 | 4.81 | 4.65 | 4.75 | 4.90 | 5.06 | 4.84 | 4.95 | 5.10 | 5.27 | 5.00 | 5.11 | 5.27 | 5.45 | | | | | | | | | | | | |
| | Amps | 18.1 | 18.5 | 18.9 | 19.5 | 19.3 | 19.7 | 20.2 | 20.8 | 20.6 | 21.0 | 21.6 | 22.3 | 21.8 | 22.2 | 22.8 | 23.5 | 22.9 | 23.4 | 24.0 | 24.8 | 24.0 | 24.5 | 25.2 | 26.1 | | | | | | | | | | | | |
| | HI PR | 196 | 211 | 223 | 233 | 220 | 237 | 250 | 261 | 251 | 270 | 285 | 297 | 285 | 307 | 324 | 338 | 321 | 346 | 365 | 381 | 355 | 382 | 403 | 421 | | | | | | | | | | | | |
| | LO PR | 113 | 120 | 131 | 140 | 119 | 127 | 139 | 148 | 124 | 132 | 144 | 154 | 130 | 139 | 151 | 161 | 137 | 145 | 159 | 169 | 141 | 150 | 164 | 175 | | | | | | | | | | | | |
| | MBh | 57.4 | 59.1 | 63.9 | 68.6 | 56.0 | 57.7 | 62.5 | 67.0 | 54.7 | 56.3 | 61.0 | 65.4 | 53.4 | 55.0 | 59.5 | 63.8 | 50.7 | 52.2 | 56.5 | 60.6 | 47.0 | 48.4 | 52.3 | 56.2 | | | | | | | | | | | | |
| | S/T | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.89 | 0.80 | 0.61 | 0.39 | 0.92 | 0.83 | 0.63 | 0.40 | 0.96 | 0.86 | 0.65 | 0.42 | 0.97 | 0.86 | 0.65 | 0.42 | | | | | | | | | | | | |
| | Δ T | 22 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 21 | 19 | 16 | 11 | | | | | | | | | | | | |
| KW | 3.87 | 3.95 | 4.07 | 4.19 | 4.15 | 4.24 | 4.37 | 4.50 | 4.40 | 4.49 | 4.63 | 4.78 | 4.62 | 4.72 | 4.86 | 5.02 | 4.80 | 4.91 | 5.06 | 5.22 | 4.96 | 5.07 | 5.23 | 5.40 | | | | | | | | | | | | | |
| Amps | 18.0 | 18.3 | 18.8 | 19.4 | 19.1 | 19.5 | 20.0 | 20.6 | 20.5 | 20.9 | 21.4 | 22.1 | 21.6 | 22.0 | 22.6 | 23.4 | 22.7 | 23.2 | 23.9 | 24.6 | 23.9 | 24.4 | 25.0 | 25.9 | | | | | | | | | | | | | |
| HI PR | 194 | 209 | 221 | 230 | 218 | 235 | 248 | 259 | 248 | 267 | 282 | 294 | 283 | 304 | 321 | 335 | 318 | 342 | 361 | 377 | 351 | 378 | 399 | 416 | | | | | | | | | | | | | |
| LO PR | 112 | 119 | 130 | 138 | 118 | 126 | 137 | 146 | 123 | 131 | 143 | 152 | 129 | 137 | 150 | 160 | 135 | 144 | 157 | 167 | 140 | 149 | 163 | 173 | | | | | | | | | | | | | |
| MBh | 54.5 | 56.1 | 60.7 | 65.2 | 53.2 | 54.8 | 59.3 | 63.7 | 52.0 | 53.5 | 57.9 | 62.2 | 50.7 | 52.2 | 56.5 | 60.6 | 48.2 | 49.6 | 53.7 | 57.6 | 44.6 | 45.9 | 49.7 | 53.4 | | | | | | | | | | | | | |
| S/T | 0.81 | 0.72 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.88 | 0.79 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.93 | 0.83 | 0.63 | 0.40 | | | | | | | | | | | | | |
| Δ T | 23 | 21 | 17 | 12 | 23 | 22 | 18 | 12 | 23 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 23 | 21 | 18 | 12 | 22 | 20 | 16 | 11 | | | | | | | | | | | | | |
| KW | 3.81 | 3.89 | 4.00 | 4.13 | 4.09 | 4.17 | 4.30 | 4.43 | 4.33 | 4.42 | 4.56 | 4.70 | 4.55 | 4.64 | 4.79 | 4.94 | 4.73 | 4.83 | 4.98 | 5.14 | 4.88 | 4.99 | 5.15 | 5.31 | | | | | | | | | | | | | |
| Amps | 17.7 | 18.1 | 18.5 | 19.1 | 18.9 | 19.2 | 19.7 | 20.3 | 20.2 | 20.6 | 21.1 | 21.8 | 21.3 | 21.7 | 22.3 | 23.0 | 22.4 | 22.8 | 23.5 | 24.2 | 23.5 | 24.0 | 24.7 | 25.4 | | | | | | | | | | | | | |
| HI PR | 191 | 205 | 217 | 226 | 214 | 230 | 243 | 253 | 243 | 262 | 276 | 288 | 277 | 298 | 315 | 328 | 312 | 335 | 354 | 369 | 344 | 371 | 391 | 408 | | | | | | | | | | | | | |
| LO PR | 110 | 117 | 127 | 136 | 116 | 123 | 135 | 143 | 120 | 128 | 140 | 149 | 127 | 135 | 147 | 157 | 133 | 141 | 154 | 164 | 137 | 146 | 159 | 170 | | | | | | | | | | | | | |

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Design Subcooling, 5-7 °F @ the liquid access fitting connection AHR1 95 test conditions. Design Superheat 15-18°F @ the compressor suction access fitting connection.
 Shaded area reflects ACCA (TVA) conditions
 KW = Total system power
 Amps = outdoor unit amps (comp.+fan)

| IDB | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | |
|-------------|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------|------|------|------|-------|------|------|------|-------|------|------|------|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 2221 | MBh | 60.1 | 61.5 | 65.7 | 70.2 | 58.7 | 60.0 | 64.1 | 68.6 | 57.4 | 58.6 | 62.6 | 66.9 | 56.0 | 57.2 | 61.1 | 65.3 | 53.2 | 54.3 | 58.0 | 62.0 | 49.2 | 50.3 | 53.8 | 57.5 |
| | S/T | 0.97 | 0.91 | 0.74 | 0.55 | 1.00 | 0.94 | 0.77 | 0.57 | 1.00 | 0.96 | 0.79 | 0.59 | 1.00 | 1.00 | 0.81 | 0.61 | 1.00 | 1.00 | 0.84 | 0.63 | 1.00 | 1.00 | 0.85 | 0.63 |
| | Δ T | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 23 | 24 | 20 | 16 | 22 | 22 | 20 | 16 | 20 | 21 | 19 | 15 |
| | KW | 3.93 | 4.01 | 4.13 | 4.25 | 4.22 | 4.30 | 4.43 | 4.57 | 4.47 | 4.56 | 4.70 | 4.85 | 4.69 | 4.79 | 4.94 | 5.10 | 4.88 | 4.99 | 5.14 | 5.31 | 5.04 | 5.15 | 5.32 | 5.49 |
| | Amps | 18.3 | 18.6 | 19.1 | 19.6 | 19.4 | 19.8 | 20.3 | 20.9 | 20.8 | 21.2 | 21.8 | 22.4 | 21.9 | 22.4 | 23.0 | 23.7 | 23.1 | 23.6 | 24.2 | 25.0 | 24.2 | 24.7 | 25.4 | 26.3 |
| | Hi PR | 198 | 214 | 225 | 235 | 223 | 240 | 253 | 264 | 253 | 272 | 288 | 300 | 288 | 310 | 328 | 342 | 324 | 349 | 369 | 385 | 358 | 386 | 407 | 425 |
| | LO PR | 114 | 122 | 133 | 141 | 121 | 128 | 140 | 149 | 125 | 133 | 146 | 155 | 132 | 140 | 153 | 163 | 138 | 147 | 160 | 171 | 143 | 152 | 166 | 177 |
| | MBh | 58.4 | 59.7 | 63.8 | 68.2 | 57.0 | 58.3 | 62.3 | 66.6 | 55.7 | 56.9 | 60.8 | 65.0 | 54.3 | 55.5 | 59.3 | 63.4 | 51.6 | 52.7 | 56.3 | 60.2 | 47.8 | 48.8 | 52.2 | 55.8 |
| | S/T | 0.92 | 0.87 | 0.70 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 0.98 | 0.92 | 0.75 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 0.99 | 0.80 | 0.60 | 1.00 | 0.99 | 0.81 | 0.60 |
| | Δ T | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 24 | 24 | 21 | 17 | 22 | 23 | 20 | 16 |
| KW | 3.90 | 3.98 | 4.10 | 4.22 | 4.18 | 4.27 | 4.40 | 4.54 | 4.43 | 4.53 | 4.67 | 4.81 | 4.65 | 4.75 | 4.90 | 5.06 | 4.84 | 4.95 | 5.10 | 5.27 | 5.00 | 5.11 | 5.27 | 5.45 | |
| Amps | 18.1 | 18.5 | 18.9 | 19.5 | 19.3 | 19.7 | 20.2 | 20.8 | 20.6 | 21.0 | 21.6 | 22.3 | 21.8 | 22.2 | 22.8 | 23.5 | 22.9 | 23.4 | 24.0 | 24.8 | 24.1 | 24.5 | 25.2 | 26.1 | |
| Hi PR | 196 | 211 | 223 | 233 | 220 | 237 | 250 | 261 | 251 | 270 | 285 | 297 | 286 | 307 | 324 | 338 | 321 | 346 | 365 | 381 | 355 | 382 | 403 | 421 | |
| LO PR | 113 | 120 | 131 | 140 | 119 | 127 | 139 | 148 | 124 | 132 | 144 | 154 | 130 | 139 | 152 | 161 | 137 | 145 | 159 | 169 | 141 | 150 | 164 | 175 | |
| MBh | 55.5 | 56.7 | 60.6 | 64.7 | 54.2 | 55.4 | 59.2 | 63.2 | 52.9 | 54.1 | 57.7 | 61.7 | 51.6 | 52.7 | 56.3 | 60.2 | 49.0 | 50.1 | 53.5 | 57.2 | 45.4 | 46.4 | 49.6 | 53.0 | |
| S/T | 0.88 | 0.83 | 0.68 | 0.50 | 0.92 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.01 | 0.94 | 0.77 | 0.57 | 1.02 | 0.95 | 0.78 | 0.58 | |
| Δ T | 26 | 25 | 21 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | 22 | 17 | 24 | 23 | 20 | 16 | |
| KW | 3.84 | 3.92 | 4.04 | 4.16 | 4.12 | 4.20 | 4.33 | 4.47 | 4.36 | 4.46 | 4.59 | 4.74 | 4.58 | 4.68 | 4.82 | 4.98 | 4.77 | 4.87 | 5.02 | 5.18 | 4.92 | 5.03 | 5.19 | 5.36 | |
| Amps | 17.9 | 18.2 | 18.7 | 19.2 | 19.0 | 19.4 | 19.9 | 20.5 | 20.3 | 20.7 | 21.3 | 21.9 | 21.4 | 21.9 | 22.5 | 23.2 | 22.6 | 23.0 | 23.7 | 24.4 | 23.7 | 24.2 | 24.8 | 25.6 | |
| Hi PR | 193 | 207 | 219 | 228 | 216 | 232 | 245 | 256 | 246 | 264 | 279 | 291 | 280 | 301 | 318 | 332 | 315 | 339 | 358 | 373 | 348 | 374 | 395 | 412 | |
| LO PR | 111 | 118 | 129 | 137 | 117 | 125 | 136 | 145 | 122 | 129 | 141 | 151 | 128 | 136 | 148 | 158 | 134 | 143 | 156 | 166 | 139 | 147 | 161 | 171 | |
| 1752 | MBh | 61.2 | 62.4 | 65.3 | 69.7 | 59.8 | 60.9 | 63.8 | 68.1 | 58.4 | 59.5 | 62.3 | 66.5 | 56.9 | 58.0 | 60.8 | 64.8 | 54.1 | 55.1 | 57.7 | 61.6 | 50.1 | 51.1 | 53.5 | 57.1 |
| | S/T | 1.00 | 0.98 | 0.88 | 0.72 | 1.00 | 1.00 | 0.92 | 0.74 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.97 | 0.79 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 0.97 | 0.79 |
| | Δ T | 25 | 25 | 24 | 21 | 25 | 25 | 24 | 21 | 24 | 25 | 24 | 21 | 24 | 24 | 24 | 21 | 22 | 23 | 24 | 21 | 21 | 21 | 22 | 19 |
| | KW | 3.96 | 4.04 | 4.16 | 4.29 | 4.25 | 4.34 | 4.47 | 4.61 | 4.50 | 4.60 | 4.74 | 4.89 | 4.73 | 4.83 | 4.98 | 5.14 | 4.92 | 5.03 | 5.19 | 5.35 | 5.09 | 5.19 | 5.36 | 5.54 |
| | Amps | 18.4 | 18.7 | 19.2 | 19.8 | 19.6 | 19.9 | 20.5 | 21.1 | 20.9 | 21.3 | 21.9 | 22.6 | 22.1 | 22.5 | 23.2 | 23.9 | 23.3 | 23.7 | 24.4 | 25.2 | 24.4 | 24.9 | 25.6 | 26.5 |
| | Hi PR | 200 | 216 | 228 | 237 | 225 | 242 | 256 | 266 | 256 | 275 | 291 | 303 | 291 | 313 | 331 | 345 | 328 | 353 | 372 | 388 | 362 | 390 | 411 | 429 |
| | LO PR | 115 | 123 | 134 | 143 | 122 | 130 | 142 | 151 | 127 | 135 | 147 | 157 | 133 | 142 | 155 | 165 | 139 | 148 | 162 | 172 | 144 | 153 | 168 | 178 |
| | MBh | 59.4 | 60.6 | 63.4 | 67.7 | 58.0 | 59.2 | 62.0 | 66.1 | 56.7 | 57.7 | 60.5 | 64.5 | 55.3 | 56.3 | 59.0 | 63.0 | 52.5 | 53.5 | 56.1 | 59.8 | 48.6 | 49.6 | 51.9 | 55.4 |
| | S/T | 0.97 | 0.93 | 0.84 | 0.68 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 0.99 | 0.90 | 0.73 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 0.97 | 0.79 |
| | Δ T | 27 | 26 | 25 | 21 | 27 | 27 | 25 | 22 | 26 | 27 | 25 | 22 | 26 | 26 | 25 | 22 | 24 | 25 | 25 | 22 | 23 | 23 | 23 | 20 |
| KW | 3.93 | 4.01 | 4.13 | 4.25 | 4.22 | 4.30 | 4.43 | 4.57 | 4.47 | 4.56 | 4.70 | 4.85 | 4.69 | 4.79 | 4.94 | 5.10 | 4.88 | 4.99 | 5.14 | 5.31 | 5.04 | 5.15 | 5.32 | 5.49 | |
| Amps | 18.3 | 18.6 | 19.1 | 19.6 | 19.4 | 19.8 | 20.3 | 20.9 | 20.8 | 21.2 | 21.8 | 22.4 | 21.9 | 22.4 | 23.0 | 23.7 | 23.1 | 23.6 | 24.2 | 25.0 | 24.2 | 24.7 | 25.4 | 26.3 | |
| Hi PR | 198 | 214 | 225 | 235 | 223 | 240 | 253 | 264 | 253 | 272 | 288 | 300 | 288 | 310 | 328 | 342 | 324 | 349 | 369 | 385 | 358 | 386 | 407 | 425 | |
| LO PR | 114 | 122 | 133 | 141 | 121 | 128 | 140 | 149 | 125 | 133 | 146 | 155 | 132 | 140 | 153 | 163 | 138 | 147 | 160 | 171 | 143 | 152 | 166 | 177 | |
| MBh | 56.4 | 57.5 | 60.3 | 64.3 | 55.1 | 56.2 | 58.9 | 62.8 | 53.8 | 54.9 | 57.5 | 61.3 | 52.5 | 53.5 | 56.1 | 59.8 | 49.9 | 50.8 | 53.3 | 56.8 | 46.2 | 47.1 | 49.3 | 52.6 | |
| S/T | 0.93 | 0.89 | 0.81 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.93 | 0.75 | |
| Δ T | 27 | 27 | 26 | 22 | 28 | 27 | 26 | 22 | 28 | 27 | 26 | 22 | 28 | 28 | 26 | 23 | 26 | 27 | 26 | 22 | 24 | 25 | 24 | 21 | |
| KW | 3.87 | 3.95 | 4.07 | 4.19 | 4.15 | 4.24 | 4.36 | 4.50 | 4.40 | 4.49 | 4.63 | 4.77 | 4.62 | 4.71 | 4.86 | 5.02 | 4.80 | 4.90 | 5.06 | 5.22 | 4.96 | 5.07 | 5.23 | 5.40 | |
| Amps | 18.0 | 18.3 | 18.8 | 19.4 | 19.1 | 19.5 | 20.0 | 20.6 | 20.5 | 20.9 | 21.4 | 22.1 | 21.6 | 22.0 | 22.6 | 23.3 | 22.7 | 23.2 | 23.8 | 24.6 | 23.9 | 24.4 | 25.0 | 25.9 | |
| Hi PR | 194 | 209 | 221 | 230 | 218 | 235 | 248 | 259 | 248 | 267 | 282 | 294 | 283 | 304 | 321 | 335 | 318 | 342 | 361 | 377 | 351 | 378 | 399 | 416 | |
| LO PR | 112 | 119 | 130 | 138 | 118 | 126 | 137 | 146 | 123 | 131 | 143 | 154 | 129 | 137 | 150 | 160 | 135 | 144 | 157 | 167 | 140 | 149 | 163 | 173 | |

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Design Subcooling, 5-7 °F @ the liquid access fitting connection AHR1 95 test conditions. Design Superheat 15-18°F @ the compressor suction access fitting connection.
 Shaded area reflects AHR1 (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

| GPG1624060M41** - Rise Range: 35° - 65° | | | | | | | | | | | | |
|---|----------------------------|-------|------|-----------------------------|-------|------|----------------------------|-------|-----------------------------|-------|------------------|-------|
| E.S.P. | T1 LOW-STAGE HEATING SPEED | | | T2 HIGH-STAGE HEATING SPEED | | | T3 LOW-STAGE COOLING SPEED | | T4 HIGH-STAGE COOLING SPEED | | T5 COOLING SPEED | |
| | CFM | WATTS | RISE | CFM | WATTS | RISE | CFM | WATTS | CFM | WATTS | CFM | WATTS |
| 0.1 | 625 | 53 | 54 | 855 | 107 | 53 | 625 | 51 | 850 | 104 | 1,090 | 197 |
| 0.2 | 585 | 61 | 58 | 815 | 114 | 55 | 590 | 60 | 810 | 116 | 1,055 | 201 |
| 0.3 | 550 | 70 | 61 | 785 | 125 | 57 | 555 | 68 | 775 | 122 | 1,020 | 207 |
| 0.4 | 495 | 78 | X | 750 | 135 | 60 | 505 | 79 | 735 | 129 | 995 | 212 |
| 0.5 | 445 | 85 | X | 705 | 141 | 64 | 450 | 86 | 705 | 136 | 955 | 230 |
| 0.6 | 400 | 93 | X | 660 | 149 | X | 410 | 93 | 655 | 147 | 915 | 240 |
| 0.7 | 345 | 99 | X | 615 | 157 | X | 330 | 101 | 600 | 154 | 880 | 255 |
| 0.8 | ---- | ---- | ---- | 570 | 166 | X | ---- | ---- | 565 | 160 | 835 | 246 |

| GPG1630080M41** - Rise Range: 35° - 65° | | | | | | | | | | | | |
|---|----------------------------|-------|------|-----------------------------|-------|------|----------------------------|-------|-----------------------------|-------|------------------|-------|
| E.S.P. | T1 LOW-STAGE HEATING SPEED | | | T2 HIGH-STAGE HEATING SPEED | | | T3 LOW-STAGE COOLING SPEED | | T4 HIGH-STAGE COOLING SPEED | | T5 COOLING SPEED | |
| | CFM | WATTS | RISE | CFM | WATTS | RISE | CFM | WATTS | CFM | WATTS | CFM | WATTS |
| 0.1 | 1,035 | 156 | 43 | 1,300 | 287 | 46 | 945 | 130 | 1,095 | 185 | 1,295 | 289 |
| 0.2 | 990 | 165 | 45 | 1,265 | 293 | 47 | 905 | 136 | 1,055 | 195 | 1,260 | 294 |
| 0.3 | 950 | 173 | 47 | 1,220 | 310 | 49 | 865 | 143 | 1,020 | 202 | 1,220 | 304 |
| 0.4 | 910 | 184 | 49 | 1,190 | 306 | 50 | 815 | 152 | 970 | 210 | 1,180 | 313 |
| 0.5 | 865 | 190 | 52 | 1,145 | 319 | 52 | 770 | 160 | 930 | 215 | 1,140 | 319 |
| 0.6 | 820 | 200 | 55 | 1,105 | 320 | 54 | 715 | 173 | 885 | 222 | 1,105 | 326 |
| 0.7 | 765 | 204 | 59 | 1,070 | 330 | 56 | 660 | 173 | 840 | 233 | 1,055 | 334 |
| 0.8 | 725 | 211 | 62 | 1,015 | 338 | 59 | 610 | 183 | 785 | 234 | 1,015 | 337 |

| GPG1636080M41** - Rise Range: 35° - 65° | | | | | | | | | | | | |
|---|----------------------------|-------|------|-----------------------------|-------|------|----------------------------|-------|-----------------------------|-------|------------------|-------|
| E.S.P. | T1 LOW-STAGE HEATING SPEED | | | T2 HIGH-STAGE HEATING SPEED | | | T3 LOW-STAGE COOLING SPEED | | T4 HIGH-STAGE COOLING SPEED | | T5 COOLING SPEED | |
| | CFM | WATTS | RISE | CFM | WATTS | RISE | CFM | WATTS | CFM | WATTS | CFM | WATTS |
| 0.1 | 950 | 115 | 47 | 1,245 | 230 | 48 | 1,045 | 149 | 1,280 | 258 | 1,440 | 354 |
| 0.2 | 895 | 124 | 50 | 1,195 | 238 | 50 | 990 | 160 | 1,225 | 259 | 1,390 | 365 |
| 0.3 | 840 | 134 | 54 | 1,150 | 247 | 52 | 935 | 167 | 1,180 | 274 | 1,355 | 369 |
| 0.4 | 775 | 146 | 58 | 1,095 | 256 | 55 | 875 | 179 | 1,130 | 280 | 1,300 | 383 |
| 0.5 | 710 | 152 | 63 | 1,045 | 263 | 57 | 820 | 186 | 1,085 | 293 | 1,260 | 396 |
| 0.6 | 650 | 160 | X | 990 | 277 | 61 | 755 | 194 | 1,030 | 295 | 1,210 | 402 |
| 0.7 | 590 | 163 | X | 935 | 285 | 64 | 700 | 197 | 975 | 304 | 1,160 | 397 |
| 0.8 | 540 | 171 | X | 870 | 288 | X | 650 | 214 | 920 | 315 | 1,110 | 415 |

| GPG1642100M41** - Rise Range: 35° - 65° | | | | | | | | | | | | |
|---|----------------------------|-------|------|-----------------------------|-------|------|----------------------------|-------|-----------------------------|-------|------------------|-------|
| E.S.P. | T1 LOW-STAGE HEATING SPEED | | | T2 HIGH-STAGE HEATING SPEED | | | T3 LOW-STAGE COOLING SPEED | | T4 HIGH-STAGE COOLING SPEED | | T5 COOLING SPEED | |
| | CFM | WATTS | RISE | CFM | WATTS | RISE | CFM | WATTS | CFM | WATTS | CFM | WATTS |
| 0.1 | 1,100 | 172 | 51 | 1,420 | 325 | 53 | 1,075 | 162 | 1,335 | 274 | 1,620 | 484 |
| 0.2 | 1,040 | 181 | 54 | 1,360 | 331 | 55 | 1,015 | 172 | 1,290 | 288 | 1,575 | 489 |
| 0.3 | 985 | 185 | 57 | 1,310 | 342 | 57 | 960 | 185 | 1,230 | 297 | 1,530 | 497 |
| 0.4 | 920 | 193 | 61 | 1,275 | 353 | 59 | 900 | 188 | 1,185 | 304 | 1,490 | 500 |
| 0.5 | 875 | 203 | 64 | 1,210 | 360 | 62 | 845 | 200 | 1,130 | 321 | 1,450 | 507 |
| 0.6 | 815 | 207 | X | 1,165 | 368 | 64 | 790 | 208 | 1,075 | 321 | 1,405 | 518 |
| 0.7 | 765 | 215 | X | 1,115 | 369 | X | 740 | 211 | 1,030 | 325 | 1,345 | 516 |
| 0.8 | 710 | 216 | X | 1,075 | 385 | X | 680 | 217 | 980 | 330 | 1,300 | 528 |

| GPG1648100M41** - Rise Range: 35° - 65° | | | | | | | | | | | | |
|---|----------------------------|-------|------|-----------------------------|-------|------|----------------------------|-------|-----------------------------|-------|------------------|-------|
| E.S.P. | T1 LOW-STAGE HEATING SPEED | | | T2 HIGH-STAGE HEATING SPEED | | | T3 LOW-STAGE COOLING SPEED | | T4 HIGH-STAGE COOLING SPEED | | T5 COOLING SPEED | |
| | CFM | WATTS | RISE | CFM | WATTS | RISE | CFM | WATTS | CFM | WATTS | CFM | WATTS |
| 0.1 | 1,085 | 171 | 52 | 1,410 | 326 | 53 | 1,225 | 227 | 1,475 | 367 | 1,790 | 641 |
| 0.2 | 1,035 | 178 | 54 | 1,365 | 329 | 55 | 1,190 | 240 | 1,430 | 366 | 1,745 | 650 |
| 0.3 | 985 | 184 | 57 | 1,315 | 337 | 57 | 1,120 | 246 | 1,375 | 378 | 1,710 | 659 |
| 0.4 | 925 | 193 | 61 | 1,270 | 353 | 59 | 1,070 | 254 | 1,320 | 383 | 1,670 | 663 |
| 0.5 | 870 | 198 | 65 | 1,220 | 360 | 61 | 1,015 | 266 | 1,270 | 397 | 1,625 | 674 |
| 0.6 | 815 | 208 | X | 1,175 | 372 | 64 | 970 | 265 | 1,230 | 400 | 1,585 | 672 |
| 0.7 | 760 | 213 | X | 1,115 | 375 | X | 920 | 279 | 1,185 | 409 | 1,540 | 675 |
| 0.8 | 710 | 219 | X | 1,080 | 381 | X | 875 | 280 | 1,140 | 417 | 1,495 | 683 |

GPG1660***M41**

DOWNSHOT

| SPEED TAP | STATIC | CFM | AMPS | WATTS | RPM |
|-----------|--------|------|------|-------|------|
| T1 | 0.1 | 1334 | 1.65 | 180 | 627 |
| | 0.2 | 1286 | 1.75 | 192 | 665 |
| | 0.3 | 1212 | 1.83 | 202 | 715 |
| | 0.4 | 1144 | 1.94 | 216 | 759 |
| | 0.5 | 1077 | 1.99 | 222 | 792 |
| | 0.6 | 1039 | 2.10 | 238 | 830 |
| | 0.7 | 953 | 2.17 | 248 | 874 |
| | 0.8 | 904 | 2.27 | 258 | 913 |
| | 0.9 | 825 | 2.30 | 266 | 940 |
| T2 | 0.1 | 1512 | 2.12 | 240 | 682 |
| | 0.2 | 1469 | 2.24 | 254 | 720 |
| | 0.3 | 1397 | 2.31 | 264 | 759 |
| | 0.4 | 1333 | 2.44 | 282 | 803 |
| | 0.5 | 1285 | 2.54 | 296 | 836 |
| | 0.6 | 1221 | 2.59 | 304 | 874 |
| | 0.7 | 1173 | 2.72 | 322 | 913 |
| | 0.8 | 1118 | 2.77 | 328 | 946 |
| | 0.9 | 1049 | 2.90 | 344 | 984 |
| T3 | 0.1 | 2053 | 4.27 | 540 | 869 |
| | 0.2 | 2014 | 4.39 | 558 | 896 |
| | 0.3 | 1999 | 4.60 | 576 | 929 |
| | 0.4 | 1947 | 4.68 | 588 | 957 |
| | 0.5 | 1897 | 4.79 | 608 | 989 |
| | 0.6 | 1857 | 4.87 | 620 | 1012 |
| | 0.7 | 1763 | 4.99 | 640 | 1050 |
| | 0.8 | 1741 | 5.06 | 650 | 1072 |
| | 0.9 | 1669 | 5.19 | 668 | 1105 |
| T4 | 0.1 | 2137 | 4.95 | 634 | 913 |
| | 0.2 | 2093 | 5.07 | 652 | 940 |
| | 0.3 | 2095 | 5.19 | 670 | 962 |
| | 0.4 | 2026 | 5.28 | 682 | 990 |
| | 0.5 | 1980 | 5.40 | 698 | 1018 |
| | 0.6 | 1961 | 5.49 | 720 | 1039 |
| | 0.7 | 1914 | 5.58 | 732 | 1072 |
| | 0.8 | 1845 | 5.70 | 742 | 1100 |
| | 0.9 | 1766 | 5.69 | 740 | 1127 |
| T5 | 0.1 | 2299 | 5.70 | 742 | 942 |
| | 0.2 | 2233 | 5.80 | 748 | 969 |
| | 0.3 | 2217 | 5.90 | 768 | 990 |
| | 0.4 | 2157 | 6.07 | 786 | 1018 |
| | 0.5 | 2131 | 6.12 | 804 | 1045 |
| | 0.6 | 2060 | 6.21 | 816 | 1073 |
| | 0.7 | 2015 | 6.30 | 820 | 1095 |
| | 0.8 | 1940 | 6.27 | 816 | 1111 |
| | 0.9 | 1862 | 6.13 | 790 | 1128 |

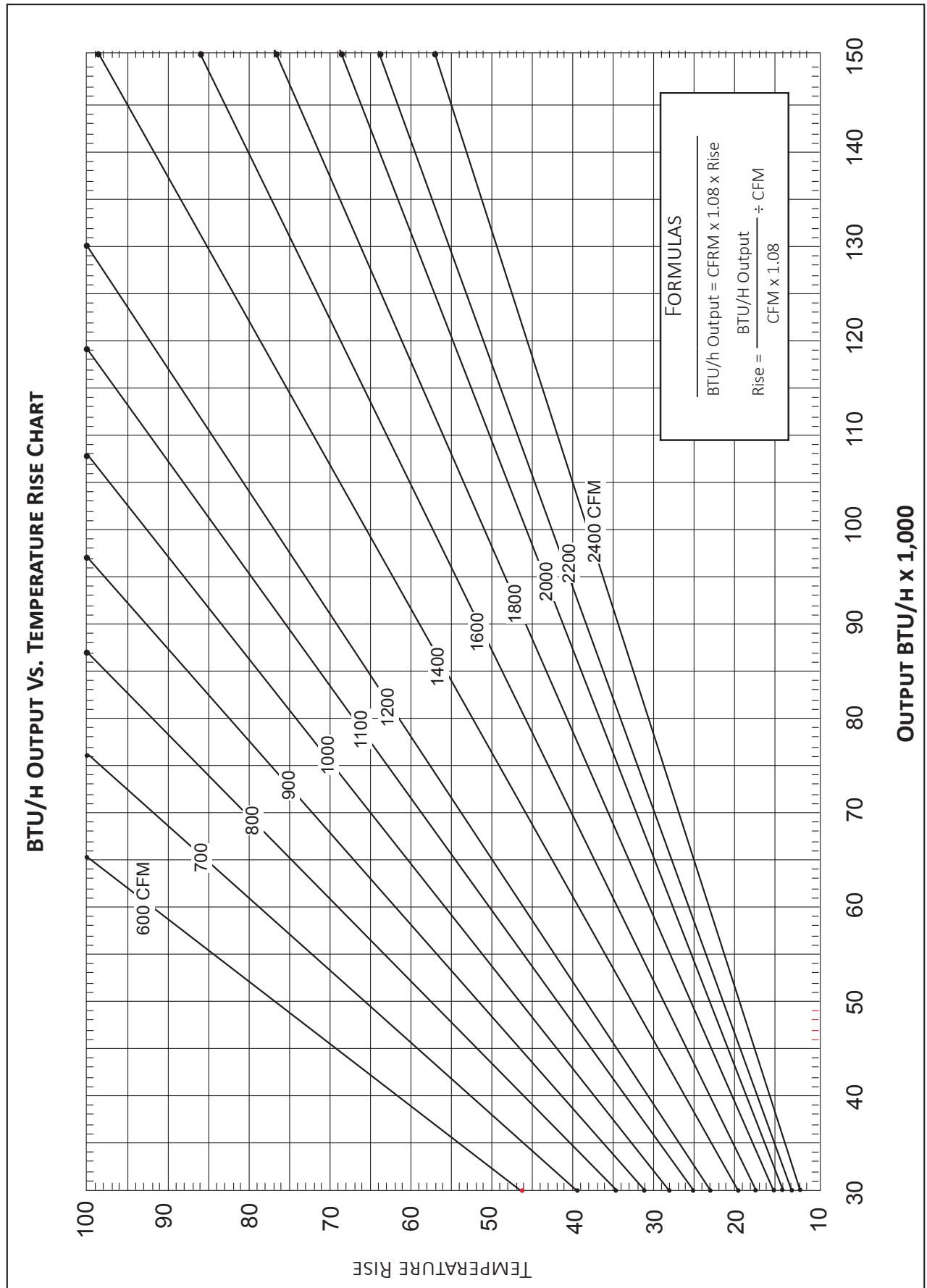
HORIZONTAL

| SPEED TAP | ESP IN W.C. | CFM | AMPS | WATTS | RPM |
|-----------|-------------|------|------|-------|------|
| T1 | 0.1 | 1355 | 1.57 | 174 | 599 |
| | 0.2 | 1281 | 1.66 | 182 | 651 |
| | 0.3 | 1235 | 1.76 | 196 | 693 |
| | 0.4 | 1168 | 1.81 | 202 | 726 |
| | 0.5 | 1118 | 1.94 | 218 | 775 |
| | 0.6 | 1049 | 2.03 | 232 | 819 |
| | 0.7 | 982 | 2.10 | 240 | 858 |
| | 0.8 | 922 | 2.14 | 246 | 885 |
| | 0.9 | 871 | 2.25 | 260 | 927 |
| T2 | 0.1 | 1544 | 2.04 | 234 | 660 |
| | 0.2 | 1490 | 2.17 | 250 | 704 |
| | 0.3 | 1427 | 2.25 | 260 | 742 |
| | 0.4 | 1370 | 2.35 | 276 | 781 |
| | 0.5 | 1319 | 2.42 | 282 | 809 |
| | 0.6 | 1274 | 2.52 | 296 | 849 |
| | 0.7 | 1210 | 2.62 | 316 | 891 |
| | 0.8 | 1137 | 2.73 | 326 | 935 |
| | 0.9 | 1106 | 2.77 | 336 | 957 |
| T3 | 0.1 | 2099 | 4.13 | 516 | 825 |
| | 0.2 | 2068 | 4.25 | 536 | 852 |
| | 0.3 | 2029 | 4.37 | 552 | 885 |
| | 0.4 | 1971 | 4.48 | 568 | 913 |
| | 0.5 | 1911 | 4.61 | 586 | 950 |
| | 0.6 | 1876 | 4.73 | 604 | 973 |
| | 0.7 | 1821 | 4.86 | 622 | 1012 |
| | 0.8 | 1792 | 4.91 | 630 | 1028 |
| | 0.9 | 1740 | 5.03 | 648 | 1067 |
| T4 | 0.1 | 2233 | 4.76 | 608 | 863 |
| | 0.2 | 2168 | 4.91 | 628 | 896 |
| | 0.3 | 2125 | 5.02 | 640 | 924 |
| | 0.4 | 2070 | 5.14 | 660 | 951 |
| | 0.5 | 2050 | 5.27 | 678 | 979 |
| | 0.6 | 1980 | 5.41 | 696 | 1012 |
| | 0.7 | 1954 | 5.47 | 704 | 1034 |
| | 0.8 | 1893 | 5.60 | 724 | 1067 |
| | 0.9 | 1852 | 5.70 | 736 | 1089 |
| T5 | 0.1 | 2322 | 5.44 | 710 | 904 |
| | 0.2 | 2294 | 5.55 | 726 | 934 |
| | 0.3 | 2254 | 5.68 | 742 | 958 |
| | 0.4 | 2201 | 5.80 | 766 | 990 |
| | 0.5 | 2147 | 5.93 | 782 | 1017 |
| | 0.6 | 2117 | 6.01 | 788 | 1039 |
| | 0.7 | 2081 | 6.12 | 808 | 1060 |
| | 0.8 | 2017 | 6.22 | 822 | 1094 |
| | 0.9 | 1932 | 6.10 | 804 | 1111 |

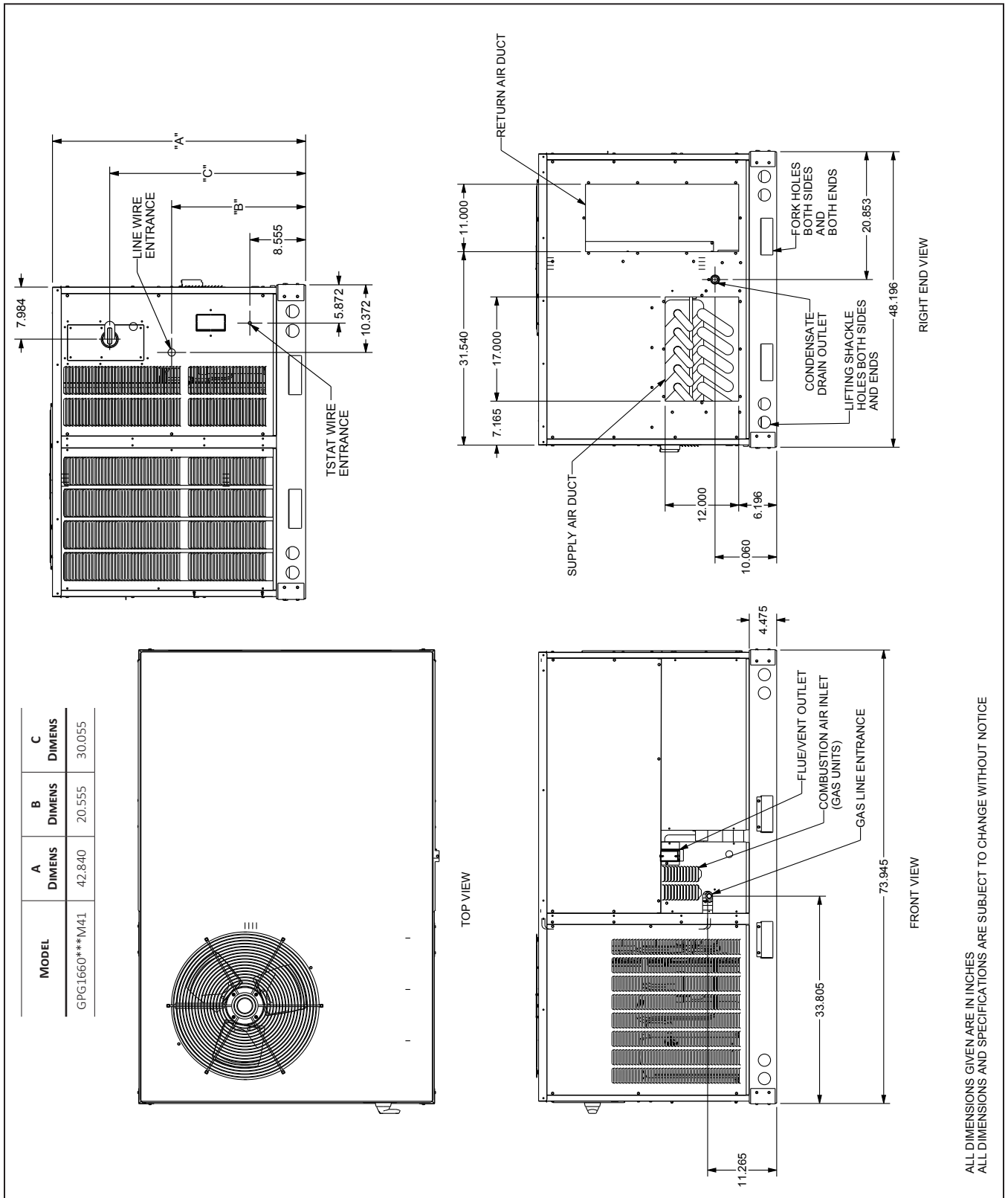
NOTES

- Table represent dry coil without filter, to compensate for filter add 0.08" to measured E.S.P..
- SCFM correction for wet coil = 4%.
- 5-ton models are shipped from the factory with speed tap set on T4.

| AIRFLOW PRESSURE DROP OF DOWNFLOW ECONOMIZER FOR 3 TO 6 TON ROOFTOP UNITS (100% RETURN AIR) | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|
| SCFM | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 | 2800 |
| in. WG | 0.02 | 0.04 | 0.05 | 0.07 | 0.09 | 0.12 | 0.14 | 0.17 | 0.21 | 0.24 | 0.28 |



| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------|-----------------------|-----------------------------|--|--------------|----------------------|---|-------|------------|--|--|--|--------------|----|----|----|---|-----------------|----|----|--------------------|-----|------------|-----------------|----|----|--------------------|-----|------------|-----------------|----|----|--------------------|-----|-----------|-----------------|----|----|--------------------|-----|-----------|-----------------|----|----|--------------------|-----|-----------|
| ECN: XXXXXX A XXXXX | | REV: A | ZONE: XXXXX | DESCRIPTION | | CHK: D DATE: - / - / | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">MODEL</th> <th colspan="4">DIMENSIONS</th> <th rowspan="2">CHASSIS SIZE</th> </tr> <tr> <th>W"</th> <th>D"</th> <th>H"</th> <th>A</th> </tr> </thead> <tbody> <tr> <td>GPG1624***M41**</td> <td>47</td> <td>51</td> <td>34$\frac{3}{4}$"</td> <td>32"</td> <td>16" Medium</td> </tr> <tr> <td>GPG1630***M41**</td> <td>47</td> <td>51</td> <td>34$\frac{3}{4}$"</td> <td>32"</td> <td>16" Medium</td> </tr> <tr> <td>GPG1636***M41**</td> <td>47</td> <td>51</td> <td>42$\frac{3}{4}$"</td> <td>40"</td> <td>18" Large</td> </tr> <tr> <td>GPG1642***M41**</td> <td>47</td> <td>51</td> <td>42$\frac{3}{4}$"</td> <td>40"</td> <td>18" Large</td> </tr> <tr> <td>GPG1648***M41**</td> <td>47</td> <td>51</td> <td>42$\frac{3}{4}$"</td> <td>40"</td> <td>18" Large</td> </tr> </tbody> </table> | | | | | | | | MODEL | DIMENSIONS | | | | CHASSIS SIZE | W" | D" | H" | A | GPG1624***M41** | 47 | 51 | 34 $\frac{3}{4}$ " | 32" | 16" Medium | GPG1630***M41** | 47 | 51 | 34 $\frac{3}{4}$ " | 32" | 16" Medium | GPG1636***M41** | 47 | 51 | 42 $\frac{3}{4}$ " | 40" | 18" Large | GPG1642***M41** | 47 | 51 | 42 $\frac{3}{4}$ " | 40" | 18" Large | GPG1648***M41** | 47 | 51 | 42 $\frac{3}{4}$ " | 40" | 18" Large |
| MODEL | DIMENSIONS | | | | CHASSIS SIZE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | W" | D" | H" | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GPG1624***M41** | 47 | 51 | 34 $\frac{3}{4}$ " | 32" | 16" Medium | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GPG1630***M41** | 47 | 51 | 34 $\frac{3}{4}$ " | 32" | 16" Medium | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GPG1636***M41** | 47 | 51 | 42 $\frac{3}{4}$ " | 40" | 18" Large | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GPG1642***M41** | 47 | 51 | 42 $\frac{3}{4}$ " | 40" | 18" Large | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GPG1648***M41** | 47 | 51 | 42 $\frac{3}{4}$ " | 40" | 18" Large | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>COMPONENTS AND MATERIALS SPECIFIED HEREIN WILL ALSO CONFORM TO THE APPLICABLE SECTION OF GOODMAN MSP 824.01 WORKMANSHIP STANDARD FOR FIT, FEEL AND FINISH.</p> <p>CONSENTED PROPERTY OF THE GOODMAN MANUFACTURING COMPANY. IT IS NOT TO BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE EXCEPT AS AUTHORIZED IN WRITING. MUST BE RETURNED UPON DEMAND, ON COMPLETION OF ORDER, OR OTHER SUBJECTS FOR WHICH IT WAS LENT.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPECIAL CHARACTERISTICS: | | ⊕ = 6SIGMA | ⊕ = CRITICAL CHARACTERISTIC | ⊕ = SIGNIFICANT CHARACTERISTIC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Goodman Company, L.C. | | GPG14M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAWING TITLE: GPG14M | | DRAWN BY: ENG | | DATE: 11/11/11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCALE: 1" = 1'-0" | | ANGLES: 30°, 45°, 60° | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X .125" ± .005 | | X .125" ± .005 | | X .125" ± .005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HOLE Ø ± .005 | | HOLE Ø ± .005 | | HOLE Ø ± .005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TUBE CUT TO LENGTH | | TUBE CUT TO LENGTH | | TUBE CUT TO LENGTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

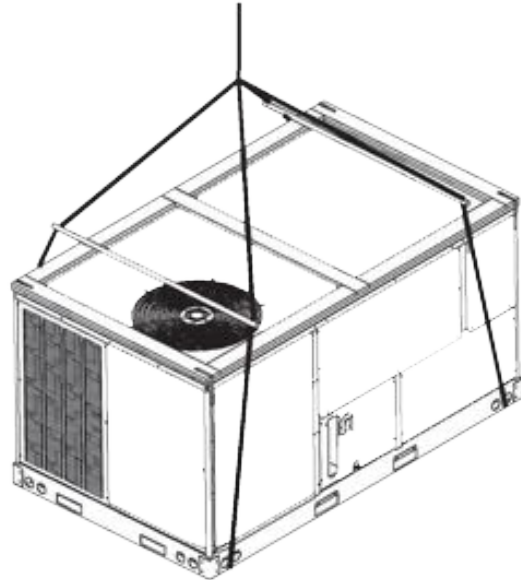


| MODEL | A DIMENS | B DIMENS | C DIMENS |
|---------------|----------|----------|----------|
| GPG1660***M41 | 42.840 | 20.555 | 30.055 |

ALL DIMENSIONS GIVEN ARE IN INCHES
ALL DIMENSIONS AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

Provisions for forks have been included in the unit base frame. No other fork locations are approved.

- Unit must be lifted by the four lifting holes located at the base frame corners.
- Lifting cables should be attached to the unit with shackles.
- The distance between the crane hook and the top of the unit must not be less than 60”.
- Two spreader bars must span over the unit to prevent damage to the cabinet by the lift cables. Spreader bars must be of sufficient length so that cables do not come in contact with the unit during transport. Remove wood struts mounted beneath unit base frame before setting unit on roof curb. These struts are intended to protect unit base frame from fork lift damage. To remove the struts, extract the sheet metal retainers and pull the struts through the base of the unit. Refer to rigging label on the unit.



Important: If using bottom discharge with roof curb, duct-work should be attached to the curb prior to installing the unit. Duct-work dimensions are shown in Roof Curb Installation Instructions Manual.

Refer to the Roof Curb Installation Instructions for proper curb installation. Curbing must be installed in compliance with the National Roofing Contractors Association Manual.

Lower unit carefully onto roof mounting curb. While rigging the unit, the center of gravity will cause the condenser end to be lower than the supply air end.

Bring condenser end of unit into alignment with the curb. With condenser end of the unit resting on curb member and using curb as a fulcrum, lower opposite end of the unit until entire unit is seated on the curb. When a rectangular cantilever curb is used, take care to center the unit. Check for proper alignment and orientation of supply and return openings with duct.

To assist in determining rigging requirements, unit weights are shown on the following page.

Curb installations must comply with local codes and should follow the established guidelines of the National Roofing Contractors Association.

Proper unit installation requires that the roof curb be firmly and permanently attached to the roof structure. Check for adequate fastening method prior to setting the unit on the curb.

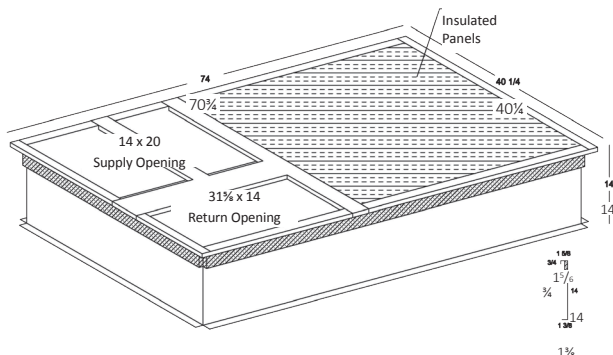
Full perimeter roof curbs are available from the factory and are shipped unassembled. The installing contractor is responsible for field assembly, squaring, leveling, and mounting on the roof structure. All required hardware necessary for the assembly of the sheet metal curb is included in the curb accessory package.

- Determine sufficient structural support before locating and mounting the curb and package unit.
- Duct-work must be constructed using industry guidelines. The duct-work must be placed into the roof curb before mounting the package unit. Our full perimeter curbs include duct connection frames to be assembled with the curb. Cantilevered-type curbs are not available from the factory.
- Contractor furnishes curb insulation, cant strips, flashing, and general roofing material.
- Support curbs on parallel sides with roof members. To prevent damage to the unit, the roof members cannot penetrate supply and return duct openings.

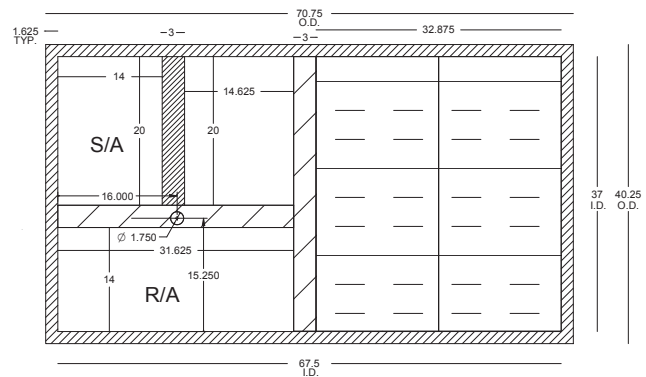
Note: The unit and curb accessories are designed to allow vertical duct installation before unit placement. Duct installation after unit placement is not recommended.

See the manual shipped with the roof curb for assembly and installation instructions.

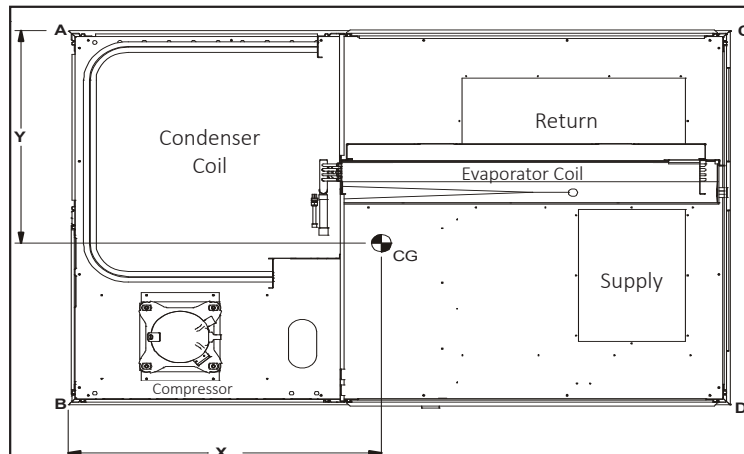
3-D VIEW



TOP VIEW



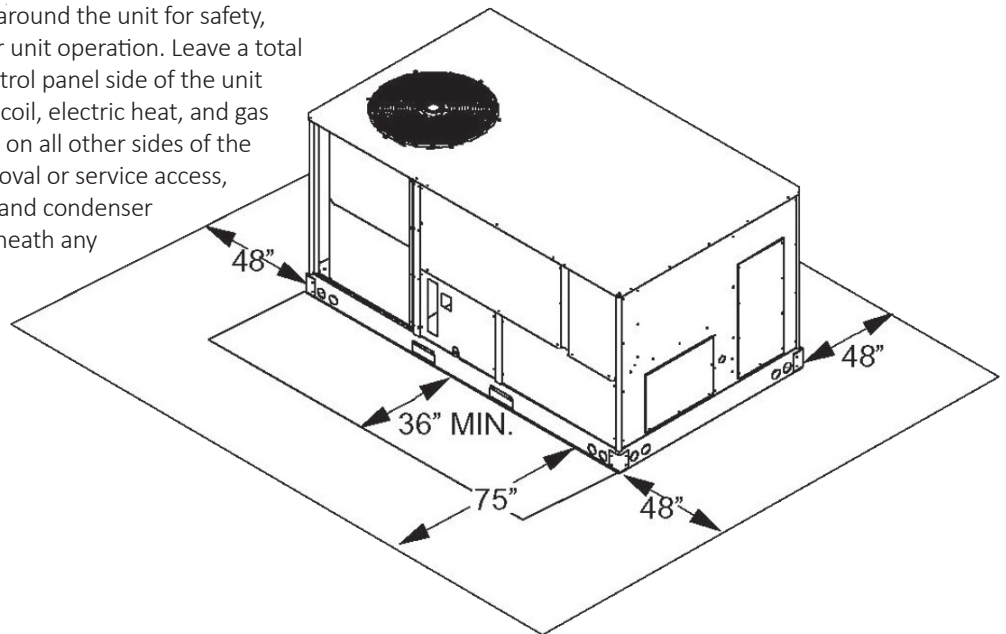
CORNER & CENTER-OF-GRAVITY LOCATIONS

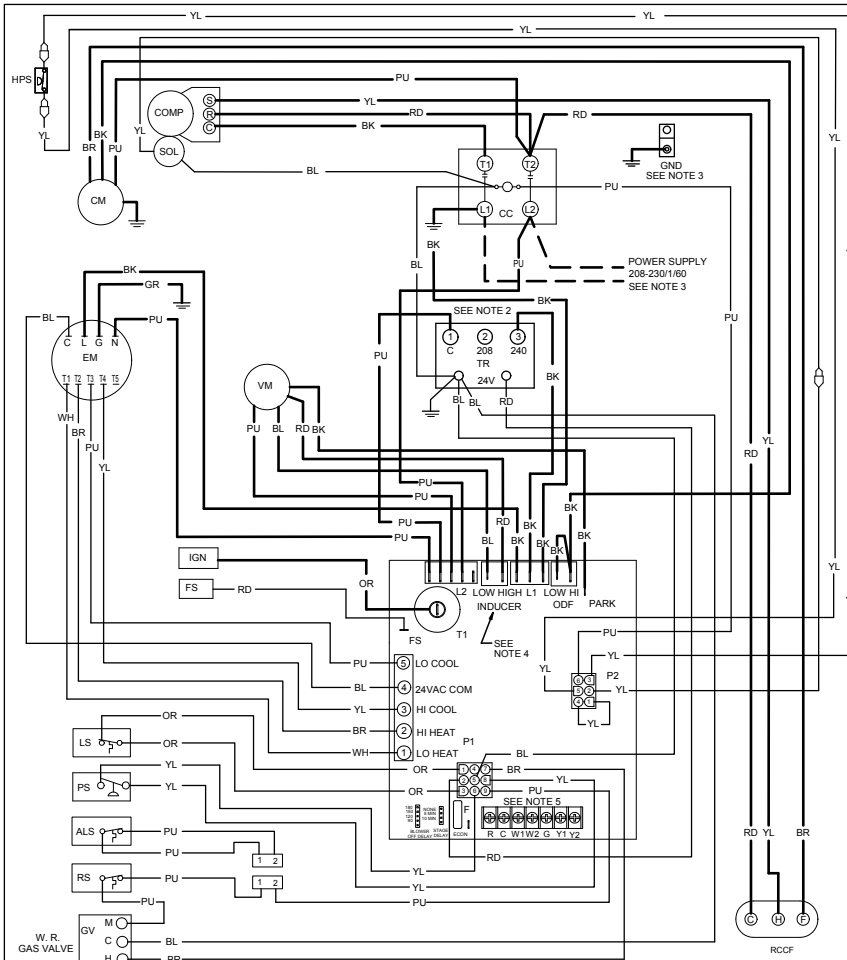


| MODEL | X (IN) | Y (IN) | SHIPPING WEIGHT (LBS) | OPERATING WEIGHT (LBS) | CORNER WEIGHTS (LBS.) | | | |
|-----------------|--------|--------|-----------------------|------------------------|-----------------------|-----|----|-----|
| | | | | | A | B | C | D |
| GPG1660***M41** | 46.4 | 28.1 | 655 | 629 | 186 | 204 | 65 | 174 |

UNIT CLEARANCES

Maintain an adequate clearance around the unit for safety, service, maintenance, and proper unit operation. Leave a total clearance of 75" on the main control panel side of the unit for possible removal of fan shaft, coil, electric heat, and gas furnace. Leave a clearance of 48" on all other sides of the unit for possible compressor removal or service access, and to ensure proper ventilation and condenser airflow. Do not install the unit beneath any obstruction. Install the unit away from all building exhausts to inhibit ingestion of exhaust air into the unit's fresh-air intake.





COMPONENT LEGEND

| | |
|------|----------------------------------|
| ALS | AUXILIARY LIMIT SWITCH |
| CC | CONTACTOR |
| CM | CONDENSER MOTOR |
| COMP | COMPRESSOR |
| EM | EVAPORATOR MOTOR |
| F | FUSE |
| FS | FLAME SENSOR |
| GND | EQUIPMENT GROUND |
| GV | GAS VALVE |
| HLO | HI LIMIT OUTPUT |
| HLI | HI LIMIT INPUT |
| HPS | HIGH PRESSURE SWITCH |
| IGN | IGNITOR |
| IIC | INTEGRATED IGNITION CONTROL |
| LS | LIMIT SWITCH |
| LV | LOW GAS VALVE |
| MVH | MAIN GAS VALVE HIGH |
| MVC | MAIN GAS VALVE COMMON |
| PS | PRESSURE SWITCH |
| ODF | OUTDOOR FAN |
| ROCF | RUN CAPACITOR FOR COMPRESSOR/FAN |
| RS | ROLLOUT SWITCH |
| SOL | SOLENOID (2ND STAGE COOL) |
| TR | TRANSFORMER |
| TH | TRANSFORMER HIGH |

NOTES

- REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (USE COPPER CONDUCTOR ONLY).
- FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
- USE COPPER CONDUCTORS ONLY.
- FOR 208V OPERATION, REMOVE BLUE LEAD FROM INDUCER LOW TERMINAL. MOVE BLACK LEAD FROM PARK TERMINAL ONTO INDUCER LOW TERMINAL. PLACE BLUE LEAD ON PARK TERMINAL.
- USE NEC CLASS 2 WIRE FOR THERMOSTAT FIELD WIRING.

0140G04547-A

FACTORY WIRING

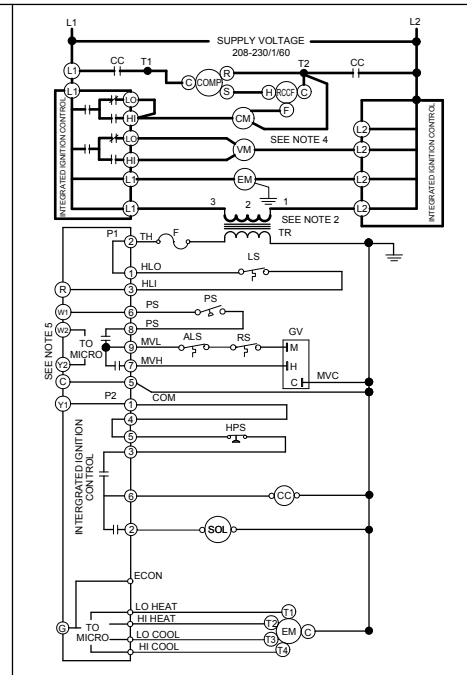
— LINE VOLTAGE
 - - - LOW VOLTAGE
 - · - · - OPTIONAL HIGH VOLTAGE

FIELD WIRING

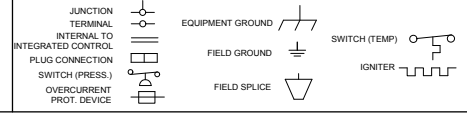
— HIGH VOLTAGE
 - - - LOW VOLTAGE

WIRE CODE

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



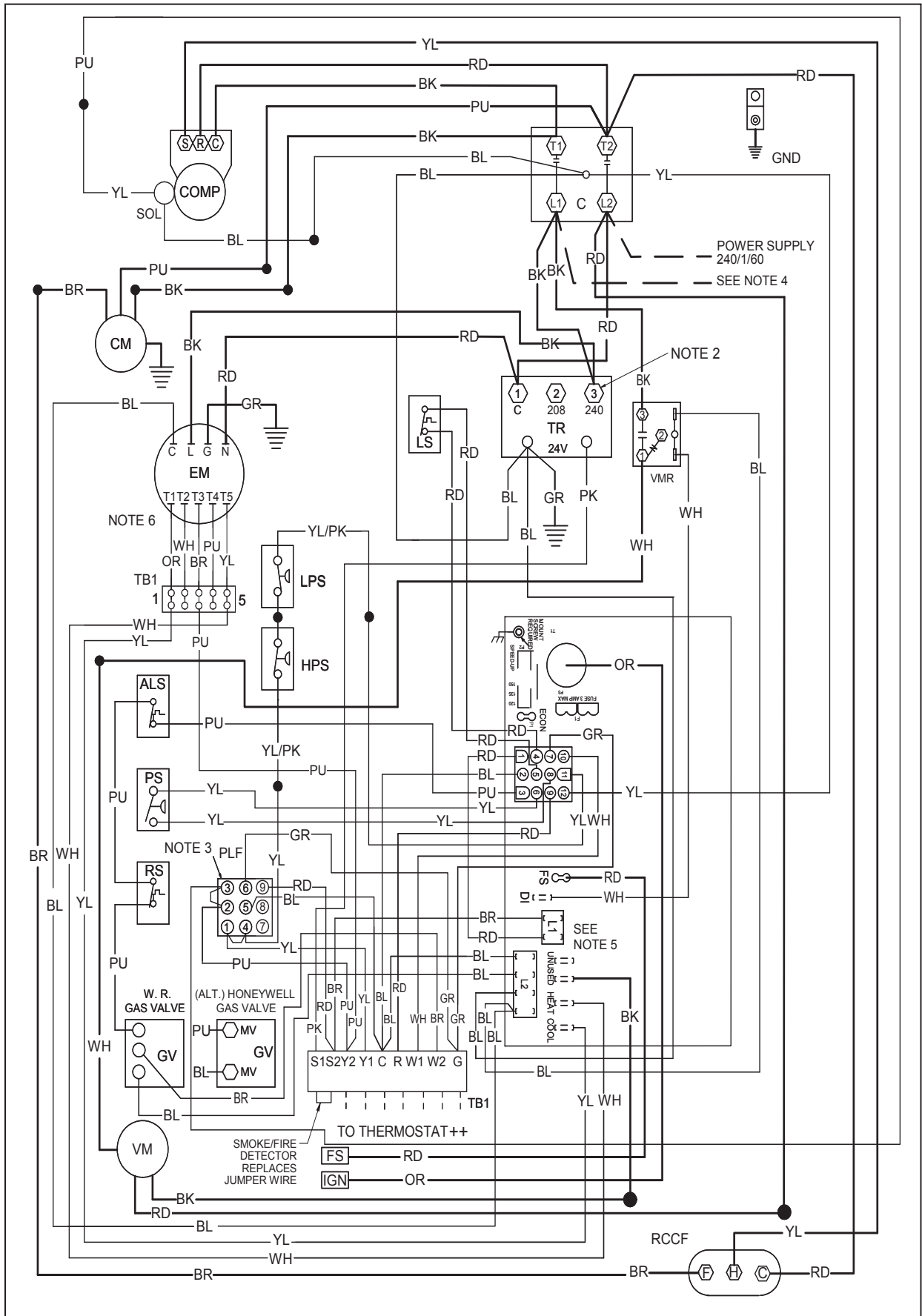
| DIAGNOSTIC LED | FLASHES | STATUS | CHECK |
|----------------|-----------|---|---|
| RED | ON | NORMAL OPERATION | - |
| | OFF | NO POWER OR INTERNAL CONTROL FAULT | CHECK INPUT POWER CHECK FUSE(S) REPLACE CONTROL |
| | 1 FLASH | IGNITION FAILURE | GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR CHECK AUXILIARY LIMIT SW CHECK ROLLOUT LIMIT SW |
| | 2 FLASHES | PRESSURE SWITCH OPEN | CHECK PRESSURE SWITCH CHECK TUBING CHECK VENT MOTOR |
| | 3 FLASHES | PRESSURE SWITCH CLOSED WITHOUT INDUCER ON | CHECK PRESSURE SWITCH CHECK WIRING FOR SHORTS |
| | 4 FLASHES | OPEN LIMIT SWITCH | CHECK MAIN LIMIT SWITCH |
| | 5 FLASHES | FALSE FLAME DETECTED | CHECK GAS VALVE CHECK FOR SHORTS IN FLAME SENSOR WIRING |
| | 6 FLASHES | COMPR. SHORT CYCLE DELAY | 3 MIN COMP. SHORT CYCLE DELAY |
| | 7 FLASHES | LIMIT OPEN 5 TIMES IN SAME CALL FOR HEAT | CHECK MAIN LIMIT SWITCH CHECK AUXILIARY LIMIT SW |
| AMBER | OFF | NO FLAME PRESENT | - |
| | ON | NORMAL FLAME PRESENT | - |
| | 1 FLASH | LOW FLAME SIGNAL | GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR |
| | 2 FLASHES | FALSE FLAME DETECTED | CHECK GAS VALVE CHECK FOR SHORTS IN FLAME SENSOR WIRING |



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

WARNING

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

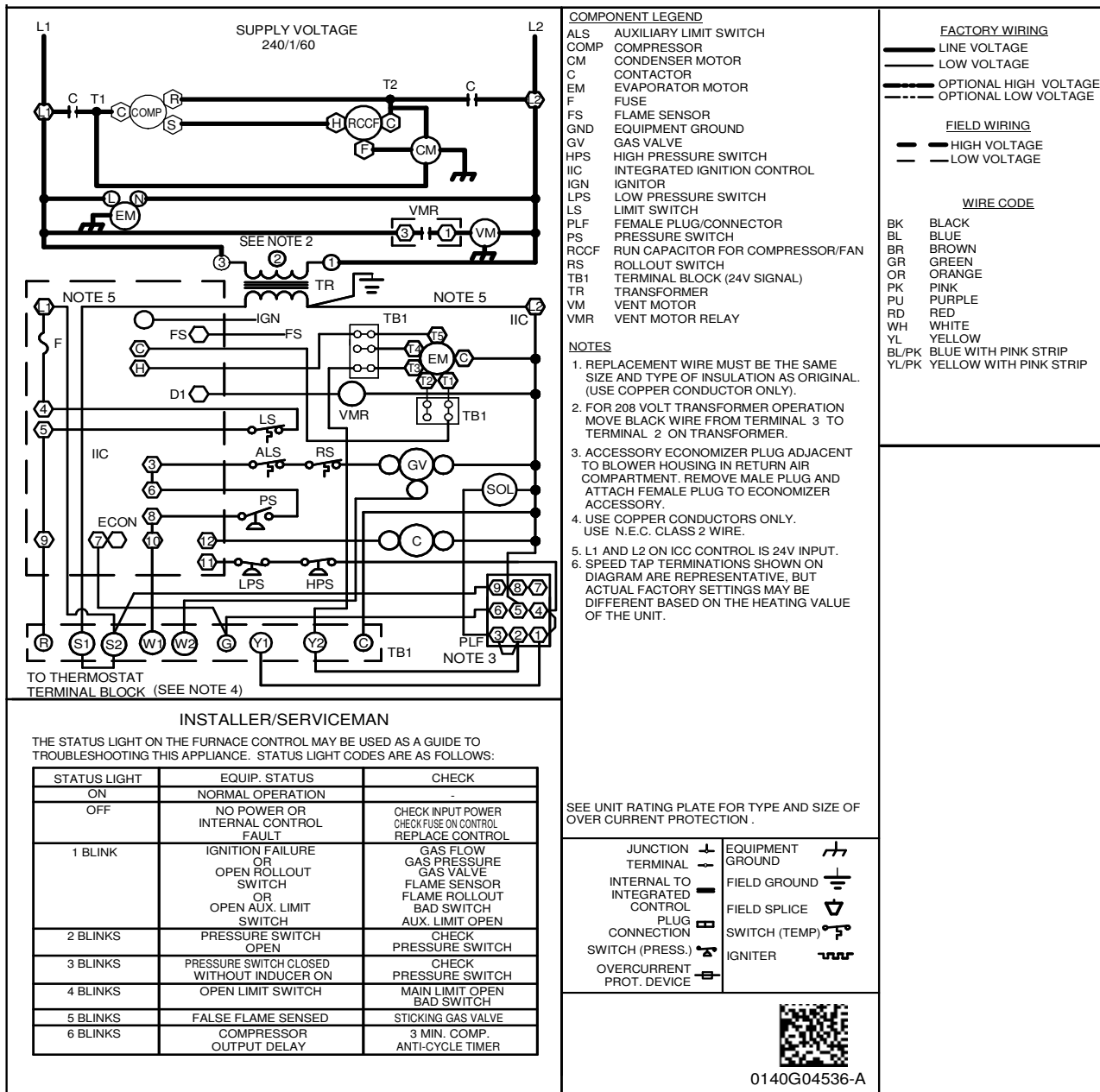


WARNING

⚡

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

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



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

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

FOR GPG1624-48*M41** UNITS**

| ACCESSORY 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 | SQRPG101/102 | SQRPG103 |
| Economizer Wiring Harness (2-4 Tons) | O259L00412 | O259L00412 |
| 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 | DHZECNJPCHM | DHZECNJPCHL |
| Horizontal Manual Damper | PGMDH102 | PGMDH103 |
| Horizontal Motorized Damper | PGMDMH102 | PGMDMH103 |
| Horizontal Square to Round | SQRPGH101/102 | SQRPGH103 |
| 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 |

FOR THE GPG1660*M41** UNITS**

| ITEM # | DESCRIPTION |
|---------------|--|
| 14CURB3672 | 14" Roof Curb |
| D25FD3672 | 25% Manual Fresh Air Damper |
| D25MFD3672 | 25% Motorized Fresh Air Damper |
| CDK4872 | Concentric Duct Kit |
| DDNECNJ3672B | Low-leak Downflow Economizer |
| DDNECNJ3672NR | Downflow Economizer w/o Barometric Relief |
| DDNSQRD487218 | Downflow Square-to-Round Adapter (18" Round) |
| DHZECN3672 | Horizontal Economizer |
| DBRD3672 | Barometric Relief Damper |
| FSK01A | Freeze Stat Kit |
| GHRC-1 | Hurricane Restraint Clips |
| HA-02 | High Altitude Kit |
| LAKT01 | Low-Ambient Kit |
| LPM-06 | LP Conversion Kit |
| 220-GX-01 | Flue Extension Kit |

