



Air Conditioning & Heating

GPHM3

PACKAGED HEAT PUMP 13.4 SEER2 / 6.7 HSPF2 2 TO 5 TONS



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Standard Features

- Energy-efficient scroll compressor
- Multi-speed ECM indoor blower motor
- Convertible airflow: horizontal or downflow
- Copper tube/aluminum fin condenser coil
- All-Aluminum evaporator coil
- Electric heat kit available as a field-installed option
- AHRI Certified; ETL Listed

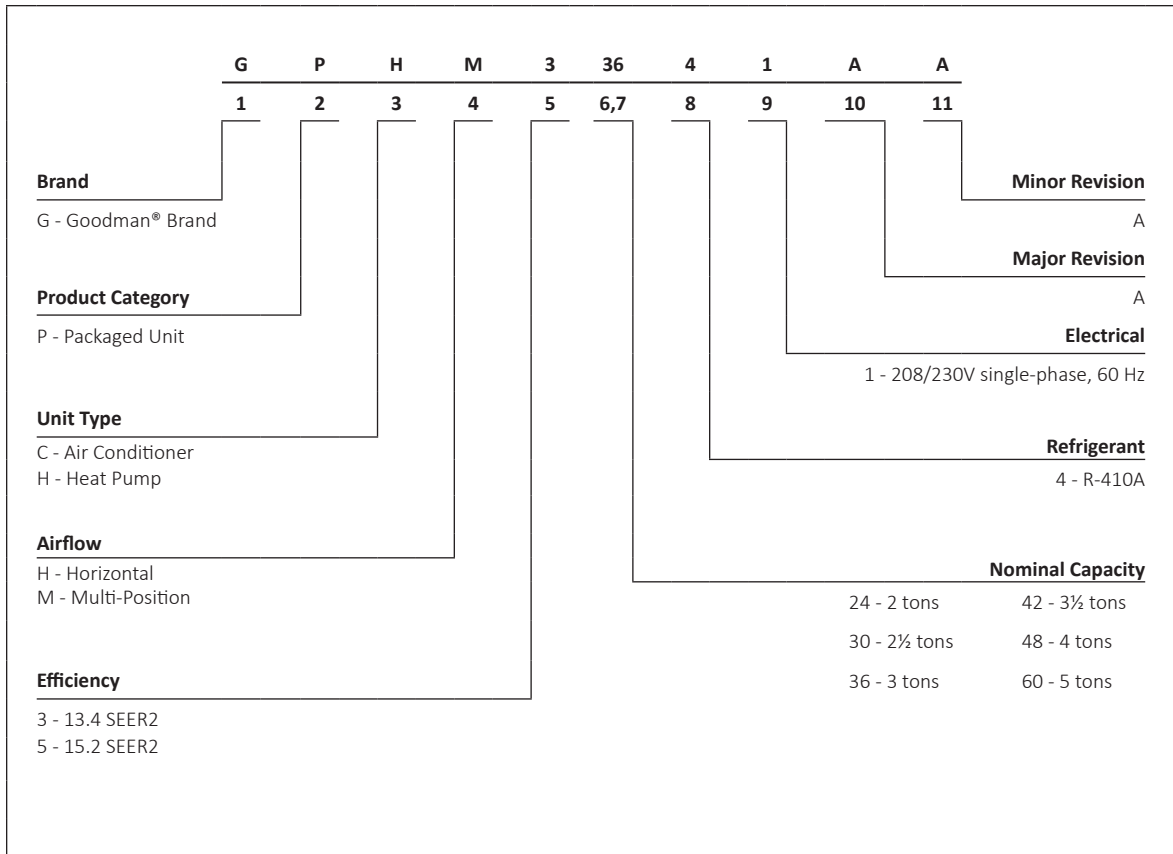
Cabinet Features

- Heavy-gauge galvanized-steel cabinet with attractive Architectural Gray powder-paint finish
- Aluminum foil-facing internal insulation reinforced with fiberglass scrim
- Fully insulated air-handling compartment with convenient access panels
- Meets cabinet air leakage requirements when tested in accordance with ASHRAE standard 193
- Louvered condenser coil protection
- One footprint for all tonnages
- When properly anchored, meets the 2020 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



* Complete warranty details available from your local dealer or at www.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. The duration of warranty coverages in Texas differs in some cases.

NOMENCLATURE



| | GPHM3 2441** | GPHM3 3041** | GPHM3 3641** | GPHM3 4241** | GPHM3 4841** | GPHM3 6041** |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| COOLING CAPACITY | | | | | | |
| Total BTU/h | 24,000 | 28,000 | 34,200 | 40,500 | 47,500 | 56,500 |
| Sensible BTU/h | 18,600 | 22,400 | 26,600 | 29,500 | 35,500 | 42,000 |
| SEER2 / EER2 | 13.4/10.6 | 13.4/10.6 | 13.4/10.6 | 13.4/10.6 | 13.4/10.6 | 13.4/10.6 |
| AHRI Numbers | 210288029 | 210288030 | 210288031 | 210288032 | 210288033 | 210288034 |
| HEATING CAPACITY | | | | | | |
| BTU/h (47°F) | 22,800 | 27,200 | 33,600 | 38,000 | 46,000 | 55,500 |
| C.O.P. (47°F) | 3.46 | 3.58 | 3.58 | 3.54 | 3.54 | 3.38 |
| BTU/h (17°F) | 13,200 | 14,800 | 18,800 | 21,500 | 26,500 | 33,000 |
| C.O.P. (17°F) | 2.16 | 2.18 | 2.18 | 2.14 | 2.26 | 2.23 |
| HSPF2 | 6.70 | 6.70 | 6.70 | 6.70 | 6.70 | 6.70 |
| EVAPORATOR MOTOR | | | | | | |
| Type | ECM | ECM | ECM | ECM | ECM | ECM |
| Wheel (D x W) | 10 x 9 | 10 x 9 | 10 x 9 | 10 x 9 | 10 x 9 | 10 x 9 |
| Cooling CFM3 | 850 | 1,050 | 1,200 | 1,300 | 1,600 | 1,850 |
| No. of Speeds | 5 | 5 | 5 | 5 | 5 | 5 |
| Horsepower- RPM | 1/2- 1050 | 1/2- 1050 | 1/2- 1050 | 3/4- 1050 | 3/4- 1050 | 1- 1050 |
| EVAPORATOR COIL | | | | | | |
| Face Area (ft2) | 4.55 | 4.55 | 4.55 | 6.2 | 6.2 | 6.2 |
| Rows Deep | 4 | 4 | 4 | 4 | 4 | 4 |
| Fins per Inch | 14 | 14 | 14 | 14 | 14 | 14 |
| Metering Device Type | Piston | Piston | Piston | Piston | Piston | TXV |
| Drain Size (NPT) | ¾" | ¾" | ¾" | ¾" | ¾" | ¾" |
| Refrigerant Charge (oz.) | 128 | 119 | 115 | 139 | 163 | 170 |
| CONDENSER FAN | | | | | | |
| Horsepower- RPM | ¼- 830 | ¼- 830 | ¼- 830 | ¼- 1,075 | ½- 1,122 | ½- 1,122 |
| Fan Diameter | 22 | 22 | 22 | 22 | 22 | 22 |
| # of Fan Blades | 3 | 3 | 3 | 3 | 3 | 3 |
| CONDENSER COIL | | | | | | |
| Face Area (ft2) | 12.08 | 12.08 | 12.08 | 15.09 | 19.05 | 19.05 |
| Rows Deep | 2 | 2 | 2 | 2 | 2 | 2 |
| Fins per Inch | 16 | 16 | 16 | 16 | 16 | 16 |
| Metering Device Type | Piston | Piston | Piston | Piston | Piston | TXV |
| COMPRESSOR | | | | | | |
| Quantity | 1 | 1 | 1 | 1 | 1 | 1 |
| Type | Scroll | Scroll | Scroll | Scroll | Scroll | Scroll |
| Stage | Single | Single | Single | Single | Single | Two |
| Sound Power | | | | | | |
| dBA | 76 | 76 | 81 | 80 | 79 | 80 |
| ELECTRICAL DATA | | | | | | |
| Compressor RLA/LRA | 12.8 / 58.3 | 14.1 / 73 | 15.4 / 83.9 | 17.9 / 112 | 19.6 / 130 | 22.8 / 147.4 |
| Voltage/Phase (60 Hz) | 208-230/1 | 208-230/1 | 208-230/1 | 208-230/1 | 208-230/1 | 208-230/1 |
| Indoor Blower FLA | 3.8 | 3.8 | 3.8 | 5.4 | 5.4 | 7 |
| Outdoor Fan FLA | 1.3 | 1.3 | 1.3 | 1.4 | 2 | 2 |
| M.C.A.1 | 21.4 | 23 | 24.4 | 29.2 | 31.9 | 37.5 |
| M.O.P.2 | 30 | 35 | 35 | 45 | 50 | 60 |
| SHIPPING WEIGHTS (LBS) | | | | | | |
| | 380 | 390 | 400 | 485 | 495 | 495 |

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.

³ Factory

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 | 700 | MBh | 24.2 | 24.6 | 25.3 | - | 24.0 | 24.4 | 25.1 | - | 23.4 | 23.7 | 24.5 | - | 22.3 | 22.6 | 23.4 | - | 21.0 | 21.3 | 22.0 | - | 19.7 | 20.1 | 20.8 | - |
| | | S/T | 0.57 | 0.49 | 0.35 | - | 0.58 | 0.50 | 0.36 | - | 0.60 | 0.52 | 0.38 | - | 1.00 | 0.54 | 0.40 | - | 1.00 | 0.57 | 0.43 | - | 1.00 | 0.62 | 0.48 | - |
| | | ΔT | 10.61 | 9.66 | 7.90 | - | 10.58 | 9.64 | 7.88 | - | 10.71 | 9.77 | 8.01 | - | 10.57 | 9.63 | 7.87 | - | 10.44 | 9.50 | 7.74 | - | 11.03 | 10.09 | 8.33 | - |
| | | kW | 1.61 | 1.61 | 1.60 | - | 1.81 | 1.81 | 1.80 | - | 2.03 | 2.03 | 2.02 | - | 2.27 | 2.27 | 2.26 | - | 2.54 | 2.54 | 2.53 | - | 2.85 | 2.85 | 2.85 | - |
| | | Amps | 6.49 | 6.48 | 6.47 | - | 7.40 | 7.39 | 7.38 | - | 8.42 | 8.41 | 8.39 | - | 9.51 | 9.51 | 9.49 | - | 10.74 | 10.73 | 10.72 | - | 12.18 | 12.17 | 12.16 | - |
| | | Hi/PR | 249 | 250 | 252 | - | 289 | 290 | 291 | - | 330 | 331 | 333 | - | 375 | 376 | 377 | - | 423 | 424 | 425 | - | 474 | 475 | 477 | - |
| | Lo/PR | 124 | 125 | 128 | - | 131 | 133 | 136 | - | 138 | 139 | 143 | - | 144 | 145 | 148 | - | 149 | 151 | 154 | - | 156 | 158 | 161 | - | |
| | 800 | MBh | 24.5 | 24.9 | 25.6 | - | 24.3 | 24.6 | 25.4 | - | 23.7 | 24.0 | 24.7 | - | 22.6 | 22.9 | 23.6 | - | 21.2 | 21.6 | 22.3 | - | 20.0 | 20.3 | 21.1 | - |
| | | S/T | 0.65 | 0.57 | 0.43 | - | 0.65 | 0.57 | 0.43 | - | 0.68 | 0.60 | 0.46 | - | 1.00 | 0.62 | 0.48 | - | 1.00 | 0.64 | 0.50 | - | 1.00 | 0.69 | 0.56 | - |
| | | ΔT | 10.01 | 9.06 | 7.30 | - | 9.98 | 9.04 | 7.28 | - | 10.11 | 9.17 | 7.41 | - | 9.97 | 9.03 | 7.27 | - | 9.84 | 8.90 | 7.14 | - | 10.43 | 9.49 | 7.73 | - |
| | | kW | 1.62 | 1.62 | 1.62 | - | 1.82 | 1.82 | 1.81 | - | 2.04 | 2.04 | 2.04 | - | 2.28 | 2.28 | 2.28 | - | 2.55 | 2.55 | 2.54 | - | 2.86 | 2.86 | 2.86 | - |
| | | Amps | 6.54 | 6.53 | 6.52 | - | 7.45 | 7.44 | 7.43 | - | 8.46 | 8.46 | 8.44 | - | 9.56 | 9.56 | 9.54 | - | 10.79 | 10.78 | 10.77 | - | 12.23 | 12.22 | 12.21 | - |
| Hi/PR | | 251 | 252 | 254 | - | 291 | 292 | 293 | - | 332 | 333 | 335 | - | 377 | 378 | 379 | - | 425 | 426 | 428 | - | 476 | 477 | 479 | - | |
| Lo/PR | 125 | 127 | 130 | - | 133 | 134 | 138 | - | 140 | 141 | 144 | - | 145 | 147 | 150 | - | 151 | 152 | 155 | - | 158 | 159 | 162 | - | | |
| 875 | MBh | 24.7 | 25.1 | 25.8 | - | 24.5 | 24.9 | 25.6 | - | 23.9 | 24.2 | 25.0 | - | 22.8 | 23.1 | 23.9 | - | 21.4 | 21.8 | 22.5 | - | 20.2 | 20.6 | 21.3 | - | |
| | S/T | 0.68 | 0.61 | 0.47 | - | 0.69 | 0.61 | 0.47 | - | 0.72 | 0.64 | 0.50 | - | 1.00 | 0.66 | 0.52 | - | 1.00 | 0.68 | 0.54 | - | 1.00 | 0.73 | 0.59 | - | |
| | ΔT | 9.63 | 8.68 | 6.92 | - | 9.60 | 8.66 | 6.90 | - | 9.73 | 8.79 | 7.03 | - | 9.59 | 8.65 | 6.89 | - | 9.47 | 8.52 | 6.76 | - | 10.06 | 9.11 | 7.35 | - | |
| | kW | 1.63 | 1.63 | 1.62 | - | 1.83 | 1.82 | 1.82 | - | 2.05 | 2.05 | 2.04 | - | 2.29 | 2.29 | 2.28 | - | 2.56 | 2.55 | 2.55 | - | 2.87 | 2.87 | 2.86 | - | |
| | Amps | 6.57 | 6.57 | 6.55 | - | 7.48 | 7.47 | 7.46 | - | 8.50 | 8.49 | 8.47 | - | 9.59 | 9.59 | 9.57 | - | 10.82 | 10.81 | 10.80 | - | 12.26 | 12.25 | 12.24 | - | |
| | Hi/PR | 253 | 254 | 255 | - | 292 | 293 | 295 | - | 333 | 335 | 336 | - | 378 | 379 | 381 | - | 426 | 427 | 429 | - | 477 | 478 | 480 | - | |
| Lo/PR | 127 | 128 | 131 | - | 134 | 136 | 139 | - | 141 | 142 | 146 | - | 146 | 148 | 151 | - | 152 | 154 | 157 | - | 159 | 160 | 164 | - | | |
| 75 | 700 | MBh | 24.3 | 24.6 | 25.3 | 26.5 | 24.0 | 24.4 | 25.1 | 26.2 | 23.4 | 23.8 | 24.5 | 25.6 | 22.3 | 22.7 | 23.4 | 24.5 | 21.0 | 21.3 | 22.0 | 23.2 | 19.7 | 20.1 | 20.8 | 21.9 |
| | | S/T | 0.70 | 0.62 | 0.49 | 0.3 | 0.71 | 0.63 | 0.49 | 0.3 | 0.73 | 0.66 | 0.52 | 0.4 | 1.00 | 0.68 | 0.54 | 0.4 | 1.00 | 0.70 | 0.56 | 0.4 | 1.00 | 1.00 | 0.61 | 0.5 |
| | | ΔT | 12.68 | 11.74 | 9.97 | 8.2 | 12.65 | 11.71 | 9.95 | 8.1 | 12.79 | 11.84 | 10.08 | 8.3 | 12.64 | 11.70 | 9.94 | 8.1 | 12.52 | 11.57 | 9.81 | 8.0 | 13.11 | 12.16 | 10.40 | 8.6 |
| | | kW | 1.61 | 1.61 | 1.60 | 1.6 | 1.81 | 1.81 | 1.80 | 1.8 | 2.03 | 2.03 | 2.02 | 2.0 | 2.27 | 2.27 | 2.26 | 2.3 | 2.54 | 2.53 | 2.53 | 2.5 | 2.85 | 2.85 | 2.85 | 2.9 |
| | | Amps | 6.49 | 6.48 | 6.46 | 6.5 | 7.39 | 7.39 | 7.37 | 7.4 | 8.41 | 8.40 | 8.39 | 8.5 | 9.51 | 9.50 | 9.48 | 9.6 | 10.73 | 10.73 | 10.71 | 10.8 | 12.17 | 12.17 | 12.15 | 12.2 |
| | | Hi/PR | 249 | 250 | 252 | 256.5 | 289 | 290 | 292 | 296.0 | 330 | 331 | 333 | 337.4 | 375 | 376 | 378 | 382.0 | 423 | 424 | 426 | 430.0 | 474 | 475 | 477 | 481.3 |
| | Lo/PR | 124 | 125 | 128 | 133.8 | 131 | 133 | 136 | 141.4 | 138 | 140 | 143 | 148.0 | 144 | 145 | 148 | 153.6 | 149 | 151 | 154 | 159.1 | 156 | 158 | 161 | 166.1 | |
| | 800 | MBh | 24.5 | 24.9 | 25.6 | 26.7 | 24.3 | 24.7 | 25.4 | 26.5 | 23.7 | 24.0 | 24.7 | 25.9 | 22.6 | 22.9 | 23.6 | 24.8 | 21.2 | 21.6 | 22.3 | 23.4 | 20.0 | 20.4 | 21.1 | 22.2 |
| | | S/T | 0.78 | 0.70 | 0.56 | 0.4 | 0.78 | 0.71 | 0.57 | 0.4 | 0.80 | 0.73 | 0.59 | 0.4 | 1.00 | 0.75 | 0.61 | 0.5 | 1.00 | 0.77 | 0.64 | 0.5 | 1.00 | 1.00 | 0.69 | 0.5 |
| | | ΔT | 12.08 | 11.14 | 9.38 | 7.6 | 12.05 | 11.11 | 9.35 | 7.5 | 12.19 | 11.24 | 9.48 | 7.7 | 12.04 | 11.10 | 9.34 | 7.5 | 11.92 | 10.97 | 9.21 | 7.4 | 12.51 | 11.57 | 9.80 | 8.0 |
| | | kW | 1.62 | 1.62 | 1.61 | 1.6 | 1.82 | 1.82 | 1.81 | 1.8 | 2.04 | 2.04 | 2.03 | 2.0 | 2.28 | 2.28 | 2.27 | 2.3 | 2.55 | 2.55 | 2.54 | 2.6 | 2.86 | 2.86 | 2.86 | 2.9 |
| | | Amps | 6.54 | 6.53 | 6.51 | 6.6 | 7.44 | 7.44 | 7.42 | 7.5 | 8.46 | 8.45 | 8.44 | 8.5 | 9.56 | 9.55 | 9.53 | 9.6 | 10.78 | 10.78 | 10.76 | 10.8 | 12.22 | 12.22 | 12.20 | 12.3 |
| Hi/PR | | 251 | 252 | 254 | 258.5 | 291 | 292 | 294 | 298.1 | 332 | 333 | 335 | 339.5 | 377 | 378 | 380 | 384.0 | 425 | 426 | 428 | 432.1 | 476 | 477 | 479 | 483.4 | |
| Lo/PR | 125 | 127 | 130 | 135.4 | 133 | 134 | 138 | 143.0 | 140 | 141 | 144 | 149.6 | 145 | 147 | 150 | 155.2 | 151 | 152 | 155 | 160.8 | 158 | 159 | 162 | 167.7 | | |
| 875 | MBh | 24.8 | 25.1 | 25.8 | 26.9 | 24.5 | 24.9 | 25.6 | 26.7 | 23.9 | 24.2 | 25.0 | 26.1 | 22.8 | 23.1 | 23.9 | 25.0 | 21.5 | 21.8 | 22.5 | 23.6 | 20.2 | 20.6 | 21.3 | 22.4 | |
| | S/T | 0.82 | 0.74 | 0.60 | 0.5 | 1.00 | 0.74 | 0.61 | 0.5 | 1.00 | 0.77 | 0.63 | 0.5 | 1.00 | 0.79 | 0.65 | 0.5 | 1.00 | 0.81 | 0.67 | 0.5 | 1.00 | 1.00 | 0.73 | 0.6 | |
| | ΔT | 11.70 | 10.76 | 9.00 | 7.2 | 11.68 | 10.73 | 8.97 | 7.1 | 11.81 | 10.86 | 9.10 | 7.3 | 11.67 | 10.72 | 8.96 | 7.1 | 11.54 | 10.60 | 8.84 | 7.0 | 12.13 | 11.19 | 9.43 | 7.6 | |
| | kW | 1.63 | 1.62 | 1.62 | 1.6 | 1.82 | 1.82 | 1.82 | 1.8 | 2.05 | 2.04 | 2.04 | 2.1 | 2.29 | 2.28 | 2.28 | 2.3 | 2.55 | 2.55 | 2.55 | 2.6 | 2.87 | 2.87 | 2.86 | 2.9 | |
| | Amps | 6.57 | 6.56 | 6.54 | 6.6 | 7.48 | 7.47 | 7.45 | 7.5 | 8.49 | 8.48 | 8.47 | 8.5 | 9.59 | 9.58 | 9.57 | 9.6 | 10.81 | 10.81 | 10.79 | 10.9 | 12.25 | 12.25 | 12.23 | 12.3 | |
| | Hi/PR | 253 | 254 | 256 | 260.0 | 292 | 293 | 295 | 299.5 | 334 | 335 | 337 | 340.9 | 378 | 379 | 381 | 385.5 | 426 | 427 | 429 | 433.5 | 478 | 479 | 480 | 484.8 | |
| Lo/PR | 127 | 128 | 131 | 136.7 | 134 | 136 | 139 | 144.2 | 141 | 142 | 146 | 150.9 | 146 | 148 | 151 | 156.5 | 152 | 154 | 157 | 162.0 | 159 | 160 | 164 | 168.9 | | |

Shaded area reflects ACCA (TVA) conditions

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

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

| IDB | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | 115°F | | | | | | | | | | | | | |
|-----|---------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | | |
| 80 | 700 | MBh | 24.4 | 24.7 | 25.5 | 26.6 | 24.2 | 24.5 | 25.2 | 26.4 | 23.5 | 23.9 | 24.6 | 25.7 | 22.4 | 22.8 | 23.5 | 24.6 | 21.1 | 21.4 | 22.2 | 23.3 | 19.9 | 20.2 | 20.9 | 22.1 | |
| | | S/T | 1.00 | 0.75 | 0.61 | 0.5 | 1.00 | 0.76 | 0.62 | 0.5 | 1.00 | 0.79 | 0.65 | 0.5 | 1.00 | 1.00 | 0.67 | 0.5 | 1.00 | 1.00 | 0.69 | 0.5 | 1.00 | 1.00 | 0.74 | 0.6 | |
| | | ΔT | 14.77 | 13.82 | 12.06 | 10.2 | 14.74 | 13.80 | 12.04 | 10.2 | 14.87 | 13.93 | 12.17 | 10.3 | 14.73 | 13.79 | 12.03 | 10.2 | 14.60 | 13.66 | 11.90 | 10.1 | 15.20 | 14.25 | 12.49 | 10.7 | |
| | 800 | kW | 1.61 | 1.61 | 1.60 | 1.6 | 1.81 | 1.81 | 1.80 | 1.8 | 2.03 | 2.03 | 2.02 | 2.0 | 2.27 | 2.27 | 2.26 | 2.3 | 2.54 | 2.54 | 2.53 | 2.5 | 2.85 | 2.85 | 2.85 | 2.9 | |
| | | Amps | 6.49 | 6.48 | 6.47 | 6.5 | 7.40 | 7.39 | 7.38 | 7.4 | 8.41 | 8.41 | 8.39 | 8.5 | 9.51 | 9.50 | 9.49 | 9.6 | 10.74 | 10.73 | 10.72 | 10.8 | 12.18 | 12.17 | 12.16 | 12.2 | |
| | | Hi/PR | 250 | 251 | 253 | 256.9 | 289 | 290 | 292 | 296.5 | 331 | 332 | 333 | 337.9 | 375 | 376 | 378 | 382.4 | 423 | 424 | 426 | 430.5 | 475 | 476 | 477 | 481.8 | |
| | 875 | Lo/PR | 124 | 126 | 129 | 134.3 | 132 | 133 | 137 | 141.9 | 139 | 140 | 143 | 148.6 | 144 | 146 | 149 | 154.2 | 150 | 151 | 154 | 159.7 | 157 | 158 | 161 | 166.6 | |
| | | MBh | 24.7 | 25.0 | 25.7 | 26.8 | 24.4 | 24.8 | 25.5 | 26.6 | 23.8 | 24.1 | 24.9 | 26.0 | 22.7 | 23.0 | 23.8 | 24.9 | 21.4 | 21.7 | 22.4 | 23.5 | 20.1 | 20.5 | 21.2 | 22.3 | |
| | | S/T | 1.00 | 0.83 | 0.69 | 0.5 | 1.00 | 0.83 | 0.70 | 0.5 | 1.00 | 0.86 | 0.72 | 0.6 | 1.00 | 1.00 | 0.74 | 0.6 | 1.00 | 1.00 | 0.76 | 0.6 | 1.00 | 1.00 | 0.82 | 0.7 | |
| | 85 | 700 | ΔT | 14.17 | 13.22 | 11.46 | 9.6 | 14.14 | 13.20 | 11.44 | 9.6 | 14.27 | 13.33 | 11.57 | 9.7 | 14.13 | 13.19 | 11.43 | 9.6 | 14.01 | 13.06 | 11.30 | 9.5 | 14.60 | 13.65 | 11.89 | 10.1 |
| | | | kW | 1.62 | 1.62 | 1.62 | 1.6 | 1.82 | 1.82 | 1.81 | 1.8 | 2.04 | 2.04 | 2.04 | 2.1 | 2.28 | 2.28 | 2.28 | 2.3 | 2.55 | 2.55 | 2.54 | 2.6 | 2.86 | 2.86 | 2.86 | 2.9 |
| | | | Amps | 6.54 | 6.53 | 6.52 | 6.6 | 7.45 | 7.44 | 7.43 | 7.5 | 8.46 | 8.46 | 8.44 | 8.5 | 9.56 | 9.55 | 9.54 | 9.6 | 10.79 | 10.78 | 10.77 | 10.8 | 12.23 | 12.22 | 12.20 | 12.3 |
| 800 | | Hi/PR | 252 | 253 | 255 | 259.0 | 291 | 292 | 294 | 298.5 | 333 | 334 | 336 | 339.9 | 377 | 378 | 380 | 384.5 | 425 | 426 | 428 | 432.6 | 477 | 478 | 479 | 483.9 | |
| | | Lo/PR | 126 | 127 | 131 | 135.9 | 133 | 135 | 138 | 143.5 | 140 | 142 | 145 | 150.2 | 146 | 147 | 150 | 155.8 | 151 | 153 | 156 | 161.3 | 158 | 160 | 163 | 168.2 | |
| | | MBh | 24.9 | 25.2 | 26.0 | 27.1 | 24.7 | 25.0 | 25.7 | 26.8 | 24.0 | 24.4 | 25.1 | 26.2 | 22.9 | 23.3 | 24.0 | 25.1 | 21.6 | 21.9 | 22.7 | 23.8 | 20.4 | 20.7 | 21.4 | 22.5 | |
| 875 | | S/T | 1.00 | 0.87 | 0.73 | 0.6 | 1.00 | 0.87 | 0.73 | 0.6 | 1.00 | 0.90 | 0.76 | 0.6 | 1.00 | 1.00 | 0.78 | 0.6 | 1.00 | 1.00 | 0.80 | 0.7 | 1.00 | 1.00 | 0.86 | 0.7 | |
| | | ΔT | 13.79 | 12.85 | 11.08 | 9.3 | 13.76 | 12.82 | 11.06 | 9.2 | 13.90 | 12.95 | 11.19 | 9.4 | 13.75 | 12.81 | 11.05 | 9.2 | 13.63 | 12.68 | 10.92 | 9.1 | 14.22 | 13.27 | 11.51 | 9.7 | |
| | | kW | 1.63 | 1.63 | 1.62 | 1.6 | 1.83 | 1.82 | 1.82 | 1.8 | 2.05 | 2.05 | 2.04 | 2.1 | 2.29 | 2.29 | 2.28 | 2.3 | 2.56 | 2.55 | 2.55 | 2.6 | 2.87 | 2.87 | 2.86 | 2.9 | |
| 700 | | Amps | 6.57 | 6.56 | 6.55 | 6.6 | 7.48 | 7.47 | 7.46 | 7.5 | 8.49 | 8.49 | 8.47 | 8.5 | 9.59 | 9.59 | 9.57 | 9.6 | 10.82 | 10.81 | 10.80 | 10.9 | 12.26 | 12.25 | 12.24 | 12.3 | |
| | | Hi/PR | 253 | 254 | 256 | 260.5 | 293 | 294 | 296 | 300.0 | 334 | 335 | 337 | 341.4 | 379 | 380 | 382 | 385.9 | 427 | 428 | 430 | 434.0 | 478 | 479 | 481 | 485.3 | |
| | | Lo/PR | 127 | 129 | 132 | 137.2 | 135 | 136 | 139 | 144.8 | 141 | 143 | 146 | 151.4 | 147 | 149 | 152 | 157.1 | 153 | 154 | 157 | 162.6 | 159 | 161 | 164 | 169.5 | |
| 85 | 700 | MBh | 24.8 | 25.1 | 25.9 | 27.0 | 24.6 | 24.9 | 25.7 | 26.8 | 23.9 | 24.3 | 25.0 | 26.1 | 22.8 | 23.2 | 23.9 | 25.0 | 21.5 | 21.9 | 22.6 | 23.7 | 20.3 | 20.6 | 21.4 | 22.5 | |
| | | S/T | 1.00 | 0.86 | 0.72 | 0.6 | 1.00 | 0.86 | 0.72 | 0.6 | 1.00 | 1.00 | 0.75 | 0.6 | 1.00 | 1.00 | 0.77 | 0.6 | 1.00 | 1.00 | 0.79 | 0.6 | 1.00 | 1.00 | 1.00 | 0.7 | |
| | | ΔT | 16.62 | 15.67 | 13.91 | 12.1 | 16.59 | 15.65 | 13.89 | 12.1 | 16.72 | 15.78 | 14.02 | 12.2 | 16.58 | 15.64 | 13.88 | 12.1 | 16.46 | 15.51 | 13.75 | 11.9 | 17.05 | 16.10 | 14.34 | 12.5 | |
| | 800 | kW | 1.61 | 1.61 | 1.61 | 1.6 | 1.81 | 1.81 | 1.81 | 1.8 | 2.03 | 2.03 | 2.03 | 2.0 | 2.27 | 2.27 | 2.27 | 2.3 | 2.54 | 2.54 | 2.54 | 2.6 | 2.86 | 2.86 | 2.85 | 2.9 | |
| | | Amps | 6.51 | 6.50 | 6.49 | 6.6 | 7.42 | 7.41 | 7.39 | 7.5 | 8.43 | 8.42 | 8.41 | 8.5 | 9.53 | 9.52 | 9.51 | 9.6 | 10.76 | 10.75 | 10.73 | 10.8 | 12.20 | 12.19 | 12.17 | 12.2 | |
| | | Hi/PR | 251 | 252 | 254 | 258.1 | 290 | 292 | 293 | 297.6 | 332 | 333 | 335 | 339.0 | 376 | 377 | 379 | 383.6 | 424 | 426 | 427 | 431.7 | 476 | 477 | 479 | 483.0 | |
| | 875 | Lo/PR | 126 | 128 | 131 | 136.2 | 134 | 135 | 138 | 143.8 | 140 | 142 | 145 | 150.4 | 146 | 148 | 151 | 156.0 | 152 | 153 | 156 | 161.6 | 158 | 160 | 163 | 168.5 | |
| | | MBh | 25.1 | 25.4 | 26.1 | 27.3 | 24.8 | 25.2 | 25.9 | 27.0 | 24.2 | 24.6 | 25.3 | 26.4 | 23.1 | 23.5 | 24.2 | 25.3 | 21.8 | 22.1 | 22.8 | 24.0 | 20.5 | 20.9 | 21.6 | 22.7 | |
| | | S/T | 1.00 | 0.93 | 0.79 | 0.6 | 1.00 | 1.00 | 0.80 | 0.7 | 1.00 | 1.00 | 0.83 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 | 1.00 | 1.00 | 0.87 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 | |
| | 700 | ΔT | 16.02 | 15.08 | 13.31 | 11.5 | 15.99 | 15.05 | 13.29 | 11.5 | 16.13 | 15.18 | 13.42 | 11.6 | 15.98 | 15.04 | 13.28 | 11.5 | 15.86 | 14.91 | 13.15 | 11.3 | 16.45 | 15.50 | 13.74 | 11.9 | |
| | | kW | 1.62 | 1.62 | 1.62 | 1.6 | 1.82 | 1.82 | 1.82 | 1.8 | 2.04 | 2.04 | 2.04 | 2.1 | 2.28 | 2.28 | 2.28 | 2.3 | 2.55 | 2.55 | 2.55 | 2.6 | 2.87 | 2.86 | 2.86 | 2.9 | |
| | | Amps | 6.56 | 6.55 | 6.53 | 6.6 | 7.47 | 7.46 | 7.44 | 7.5 | 8.48 | 8.47 | 8.46 | 8.5 | 9.58 | 9.57 | 9.56 | 9.6 | 10.81 | 10.80 | 10.78 | 10.9 | 12.24 | 12.24 | 12.22 | 12.3 | |
| 800 | Hi/PR | 253 | 254 | 256 | 260.2 | 292 | 294 | 295 | 299.7 | 334 | 335 | 337 | 341.1 | 378 | 380 | 381 | 385.7 | 427 | 428 | 429 | 433.7 | 478 | 479 | 481 | 485.0 | | |
| | Lo/PR | 128 | 129 | 132 | 137.8 | 135 | 137 | 140 | 145.4 | 142 | 144 | 147 | 152.0 | 148 | 149 | 152 | 157.7 | 153 | 155 | 158 | 163.2 | 160 | 162 | 165 | 170.1 | | |
| | MBh | 25.3 | 25.6 | 26.4 | 27.5 | 25.1 | 25.4 | 26.1 | 27.3 | 24.4 | 24.8 | 25.5 | 26.6 | 23.3 | 23.7 | 24.4 | 25.5 | 22.0 | 22.3 | 23.1 | 24.2 | 20.8 | 21.1 | 21.8 | 23.0 | | |
| 875 | S/T | 1.00 | 0.97 | 0.83 | 0.7 | 1.00 | 1.00 | 0.84 | 0.7 | 1.00 | 1.00 | 0.86 | 0.7 | 1.00 | 1.00 | 0.88 | 0.7 | 1.00 | 1.00 | 0.90 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 | | |
| | ΔT | 15.64 | 14.70 | 12.94 | 11.1 | 15.61 | 14.67 | 12.91 | 11.1 | 15.75 | 14.80 | 13.04 | 11.2 | 15.60 | 14.66 | 12.90 | 11.1 | 15.48 | 14.54 | 12.77 | 11.0 | 16.07 | 15.13 | 13.37 | 11.5 | | |
| | kW | 1.63 | 1.63 | 1.63 | 1.6 | 1.83 | 1.83 | 1.82 | 1.8 | 2.05 | 2.05 | 2.05 | 2.1 | 2.29 | 2.29 | 2.29 | 2.3 | 2.56 | 2.56 | 2.55 | 2.6 | 2.87 | 2.87 | 2.87 | 2.9 | | |
| 700 | Amps | 6.59 | 6.58 | 6.57 | 6.6 | 7.50 | 7.49 | 7.47 | 7.5 | 8.51 | 8.51 | 8.49 | 8.6 | 9.61 | 9.60 | 9.59 | 9.7 | 10.84 | 10.83 | 10.81 | 10.9 | 12.28 | 12.27 | 12.25 | 12.3 | | |
| | Hi/PR | 254 | 256 | 257 | 261.6 | 294 | 295 | 297 | 301.1 | 335 | 336 | 338 | 342.5 | 380 | 381 | 383 | 387.1 | 428 | 429 | 431 | 435.2 | 479 | 480 | 482 | 486.5 | | |
| | Lo/PR | 129 | 131 | 134 | 139.1 | 137 | 138 | 141 | 146.7 | 143 | 145 | 148 | 153.3 | 149 | 150 | 154 | 158.9 | 154 | 156 | 159 | 164.5 | 161 | 163 | 166 | 171.4 | | |

Shaded area reflects AHRI (TVA) conditions

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

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

EXPANDED COOLING DATA — GPHM33041**

| 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 | 875 | MBh | 28.6 | 29.0 | 29.8 | - | 28.3 | 28.7 | 29.6 | - | 27.6 | 28.0 | 28.8 | - | 26.3 | 26.7 | 27.5 | - | 24.7 | 25.1 | 26.0 | - | 23.3 | 23.7 | 24.5 | - |
| | | S/T | 0.62 | 0.53 | 0.39 | - | 0.62 | 0.54 | 0.40 | - | 0.65 | 0.57 | 0.42 | - | 1.00 | 0.59 | 0.44 | - | 1.00 | 0.61 | 0.47 | - | 1.00 | 0.67 | 0.52 | - |
| | | ΔT | 16.29 | 14.81 | 12.06 | - | 16.25 | 14.77 | 12.02 | - | 16.45 | 14.98 | 12.23 | - | 16.23 | 14.76 | 12.00 | - | 16.03 | 14.56 | 11.81 | - | 16.96 | 15.48 | 12.73 | - |
| | | kW | 1.90 | 1.90 | 1.89 | - | 2.13 | 2.13 | 2.12 | - | 2.39 | 2.39 | 2.38 | - | 2.67 | 2.67 | 2.66 | - | 2.98 | 2.98 | 2.98 | - | 3.35 | 3.35 | 3.35 | - |
| | | Amps | 7.45 | 7.44 | 7.42 | - | 8.52 | 8.51 | 8.49 | - | 9.71 | 9.70 | 9.68 | - | 10.99 | 10.98 | 10.97 | - | 12.43 | 12.42 | 12.40 | - | 14.12 | 14.11 | 14.09 | - |
| | | Hi/PR | 254 | 255 | 257 | - | 294 | 296 | 297 | - | 337 | 338 | 340 | - | 382 | 383 | 385 | - | 431 | 432 | 434 | - | 483 | 484 | 486 | - |
| | Lo/PR | 125 | 127 | 130 | - | 133 | 134 | 137 | - | 139 | 141 | 144 | - | 145 | 147 | 150 | - | 151 | 152 | 155 | - | 158 | 159 | 162 | - | |
| | 1050 | MBh | 29.1 | 29.5 | 30.3 | - | 28.8 | 29.2 | 30.1 | - | 28.1 | 28.5 | 29.3 | - | 26.8 | 27.2 | 28.0 | - | 25.2 | 25.6 | 26.5 | - | 23.8 | 24.2 | 25.0 | - |
| | | S/T | 0.71 | 0.63 | 0.48 | - | 0.71 | 0.63 | 0.49 | - | 0.74 | 0.66 | 0.52 | - | 1.00 | 0.68 | 0.54 | - | 1.00 | 0.70 | 0.56 | - | 1.00 | 0.76 | 0.61 | - |
| | | ΔT | 15.05 | 13.58 | 10.83 | - | 15.01 | 13.54 | 10.79 | - | 15.22 | 13.75 | 10.99 | - | 15.00 | 13.52 | 10.77 | - | 14.80 | 13.33 | 10.57 | - | 15.72 | 14.25 | 11.50 | - |
| | | kW | 1.91 | 1.91 | 1.91 | - | 2.15 | 2.14 | 2.14 | - | 2.41 | 2.40 | 2.40 | - | 2.69 | 2.69 | 2.68 | - | 3.00 | 3.00 | 3.00 | - | 3.37 | 3.37 | 3.36 | - |
| | | Amps | 7.53 | 7.52 | 7.50 | - | 8.59 | 8.58 | 8.57 | - | 9.78 | 9.77 | 9.76 | - | 11.07 | 11.06 | 11.04 | - | 12.51 | 12.50 | 12.48 | - | 14.19 | 14.18 | 14.17 | - |
| Hi/PR | | 257 | 258 | 260 | - | 297 | 298 | 300 | - | 340 | 341 | 342 | - | 385 | 386 | 388 | - | 434 | 435 | 437 | - | 486 | 487 | 489 | - | |
| Lo/PR | 128 | 129 | 132 | - | 135 | 137 | 140 | - | 142 | 143 | 147 | - | 148 | 149 | 152 | - | 153 | 155 | 158 | - | 160 | 162 | 165 | - | | |
| 1125 | MBh | 29.3 | 29.7 | 30.6 | - | 29.1 | 29.5 | 30.3 | - | 28.3 | 28.7 | 29.6 | - | 27.0 | 27.4 | 28.3 | - | 25.4 | 25.9 | 26.7 | - | 24.0 | 24.4 | 25.3 | - | |
| | S/T | 0.73 | 0.65 | 0.51 | - | 0.74 | 0.66 | 0.51 | - | 0.76 | 0.68 | 0.54 | - | 1.00 | 0.70 | 0.56 | - | 1.00 | 0.73 | 0.58 | - | 1.00 | 0.78 | 0.64 | - | |
| | ΔT | 14.61 | 13.14 | 10.38 | - | 14.57 | 13.10 | 10.34 | - | 14.78 | 13.30 | 10.55 | - | 14.56 | 13.08 | 10.33 | - | 14.36 | 12.89 | 10.13 | - | 15.28 | 13.81 | 11.06 | - | |
| | kW | 1.92 | 1.92 | 1.91 | - | 2.15 | 2.15 | 2.15 | - | 2.41 | 2.41 | 2.41 | - | 2.69 | 2.69 | 2.69 | - | 3.01 | 3.01 | 3.00 | - | 3.38 | 3.37 | 3.37 | - | |
| | Amps | 7.56 | 7.55 | 7.53 | - | 8.62 | 8.61 | 8.59 | - | 9.81 | 9.80 | 9.78 | - | 11.10 | 11.09 | 11.07 | - | 12.53 | 12.52 | 12.51 | - | 14.22 | 14.21 | 14.19 | - | |
| | Hi/PR | 258 | 259 | 261 | - | 299 | 300 | 301 | - | 341 | 342 | 344 | - | 386 | 387 | 389 | - | 435 | 436 | 438 | - | 487 | 488 | 490 | - | |
| Lo/PR | 129 | 130 | 133 | - | 136 | 138 | 141 | - | 143 | 145 | 148 | - | 149 | 150 | 153 | - | 154 | 156 | 159 | - | 161 | 163 | 166 | - | | |
| 75 | 875 | MBh | 28.6 | 29.0 | 29.9 | 31.2 | 28.3 | 28.7 | 29.6 | 30.9 | 27.6 | 28.0 | 28.9 | 30.2 | 26.3 | 26.7 | 27.6 | 28.9 | 24.7 | 25.1 | 26.0 | 27.3 | 23.3 | 23.7 | 24.5 | 25.9 |
| | | S/T | 0.75 | 0.67 | 0.53 | 0.4 | 0.76 | 0.68 | 0.53 | 0.4 | 1.00 | 0.71 | 0.56 | 0.4 | 1.00 | 0.73 | 0.58 | 0.4 | 1.00 | 0.75 | 0.61 | 0.5 | 1.00 | 1.00 | 0.66 | 0.5 |
| | | ΔT | 19.53 | 18.05 | 15.30 | 12.4 | 19.49 | 18.01 | 15.26 | 12.4 | 19.70 | 18.22 | 15.47 | 12.6 | 19.47 | 18.00 | 15.25 | 12.4 | 19.28 | 17.80 | 15.05 | 12.2 | 20.20 | 18.73 | 15.97 | 13.1 |
| | | kW | 1.90 | 1.89 | 1.89 | 1.9 | 2.13 | 2.13 | 2.12 | 2.1 | 2.39 | 2.39 | 2.38 | 2.4 | 2.67 | 2.67 | 2.66 | 2.7 | 2.98 | 2.98 | 2.98 | 3.0 | 3.35 | 3.35 | 3.35 | 3.4 |
| | | Amps | 7.44 | 7.44 | 7.42 | 7.5 | 8.51 | 8.50 | 8.48 | 8.6 | 9.70 | 9.69 | 9.67 | 9.8 | 10.99 | 10.98 | 10.96 | 11.0 | 12.42 | 12.41 | 12.40 | 12.5 | 14.11 | 14.10 | 14.08 | 14.2 |
| | | Hi/PR | 254 | 256 | 257 | 261.8 | 295 | 296 | 298 | 302.0 | 337 | 338 | 340 | 344.2 | 382 | 383 | 385 | 389.6 | 431 | 432 | 434 | 438.5 | 483 | 484 | 486 | 490.7 |
| | Lo/PR | 125 | 127 | 130 | 135.2 | 133 | 134 | 138 | 142.9 | 139 | 141 | 144 | 149.6 | 145 | 147 | 150 | 155.2 | 151 | 152 | 155 | 160.8 | 158 | 159 | 162 | 167.7 | |
| | 1050 | MBh | 29.1 | 29.5 | 30.3 | 31.7 | 28.8 | 29.2 | 30.1 | 31.4 | 28.1 | 28.5 | 29.3 | 30.6 | 26.8 | 27.2 | 28.1 | 29.4 | 25.2 | 25.6 | 26.5 | 27.8 | 23.8 | 24.2 | 25.0 | 26.3 |
| | | S/T | 0.85 | 0.76 | 0.62 | 0.5 | 1.00 | 0.77 | 0.63 | 0.5 | 1.00 | 0.80 | 0.65 | 0.5 | 1.00 | 0.82 | 0.67 | 0.5 | 1.00 | 1.00 | 0.70 | 0.5 | 1.00 | 1.00 | 0.75 | 0.6 |
| | | ΔT | 18.30 | 16.82 | 14.07 | 11.2 | 18.26 | 16.78 | 14.03 | 11.2 | 18.46 | 16.99 | 14.24 | 11.4 | 18.24 | 16.77 | 14.01 | 11.2 | 18.04 | 16.57 | 13.82 | 11.0 | 18.97 | 17.49 | 14.74 | 11.9 |
| | | kW | 1.91 | 1.91 | 1.91 | 1.9 | 2.15 | 2.14 | 2.14 | 2.2 | 2.40 | 2.40 | 2.40 | 2.4 | 2.69 | 2.68 | 2.68 | 2.7 | 3.00 | 3.00 | 2.99 | 3.0 | 3.37 | 3.37 | 3.36 | 3.4 |
| | | Amps | 7.52 | 7.51 | 7.49 | 7.6 | 8.59 | 8.58 | 8.56 | 8.6 | 9.78 | 9.77 | 9.75 | 9.8 | 11.06 | 11.05 | 11.04 | 11.1 | 12.50 | 12.49 | 12.47 | 12.6 | 14.19 | 14.18 | 14.16 | 14.2 |
| Hi/PR | | 257 | 258 | 260 | 264.7 | 298 | 299 | 301 | 305.0 | 340 | 341 | 343 | 347.1 | 385 | 386 | 388 | 392.5 | 434 | 435 | 437 | 441.4 | 486 | 487 | 489 | 493.7 | |
| Lo/PR | 128 | 129 | 132 | 137.7 | 135 | 137 | 140 | 145.3 | 142 | 143 | 147 | 152.0 | 148 | 149 | 152 | 157.7 | 153 | 155 | 158 | 163.2 | 160 | 162 | 165 | 170.2 | | |
| 1125 | MBh | 29.3 | 29.7 | 30.6 | 31.9 | 29.1 | 29.5 | 30.3 | 31.6 | 28.3 | 28.7 | 29.6 | 30.9 | 27.0 | 27.4 | 28.3 | 29.6 | 25.5 | 25.9 | 26.7 | 28.0 | 24.0 | 24.4 | 25.3 | 26.6 | |
| | S/T | 0.87 | 0.79 | 0.64 | 0.5 | 1.00 | 0.79 | 0.65 | 0.5 | 1.00 | 0.82 | 0.68 | 0.5 | 1.00 | 0.84 | 0.70 | 0.5 | 1.00 | 1.00 | 0.72 | 0.6 | 1.00 | 1.00 | 0.78 | 0.6 | |
| | ΔT | 17.85 | 16.38 | 13.63 | 10.8 | 17.81 | 16.34 | 13.59 | 10.7 | 18.02 | 16.55 | 13.79 | 10.9 | 17.80 | 16.32 | 13.57 | 10.7 | 17.60 | 16.13 | 13.37 | 10.5 | 18.53 | 17.05 | 14.30 | 11.4 | |
| | kW | 1.92 | 1.92 | 1.91 | 1.9 | 2.15 | 2.15 | 2.15 | 2.2 | 2.41 | 2.41 | 2.41 | 2.4 | 2.69 | 2.69 | 2.69 | 2.7 | 3.01 | 3.00 | 3.00 | 3.0 | 3.37 | 3.37 | 3.37 | 3.4 | |
| | Amps | 7.55 | 7.54 | 7.52 | 7.6 | 8.61 | 8.61 | 8.59 | 8.7 | 9.80 | 9.79 | 9.78 | 9.9 | 11.09 | 11.08 | 11.06 | 11.1 | 12.53 | 12.52 | 12.50 | 12.6 | 14.21 | 14.20 | 14.19 | 14.3 | |
| | Hi/PR | 259 | 260 | 261 | 265.9 | 299 | 300 | 302 | 306.2 | 341 | 342 | 344 | 348.3 | 386 | 387 | 389 | 393.7 | 435 | 436 | 438 | 442.6 | 488 | 489 | 490 | 494.9 | |
| Lo/PR | 129 | 130 | 133 | 138.8 | 136 | 138 | 141 | 146.4 | 143 | 145 | 148 | 153.1 | 149 | 150 | 153 | 158.8 | 154 | 156 | 159 | 164.4 | 161 | 163 | 166 | 171.3 | | |

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

| | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---------|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 65°F | | | | | 75°F | | | | | 85°F | | | | | 95°F | | | | | 105°F | | | | | 115°F | | | | |
| IDB | AIRFLOW | 59 | 63 | 67 | 71 | 71 | 59 | 63 | 67 | 71 | 71 | 59 | 63 | 67 | 71 | 71 | 59 | 63 | 67 | 71 | 71 | 59 | 63 | 67 | 71 | 71 | 59 | 63 | 67 | 71 | 71 |
| | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | MBh | 28.7 | 29.1 | 30.0 | 31.3 | 31.1 | 27.7 | 28.1 | 29.0 | 30.3 | 30.3 | 26.4 | 26.9 | 27.7 | 29.0 | 29.0 | 24.9 | 25.3 | 26.1 | 27.4 | 27.4 | 23.4 | 23.8 | 24.7 | 26.0 | 26.0 | 23.9 | 24.3 | 25.2 | 26.5 | 26.5 |
| | S/T | 1.00 | 0.81 | 0.66 | 0.5 | 0.5 | 1.00 | 0.84 | 0.69 | 0.5 | 0.6 | 1.00 | 1.00 | 0.71 | 0.6 | 0.6 | 1.00 | 1.00 | 0.74 | 0.6 | 0.6 | 1.00 | 1.00 | 0.79 | 0.6 | 0.6 | 1.00 | 1.00 | 0.85 | 0.7 | 0.7 |
| | ΔT | 22.79 | 21.32 | 18.57 | 15.7 | 15.7 | 22.75 | 21.49 | 18.73 | 15.9 | 15.7 | 22.74 | 21.26 | 18.51 | 15.7 | 15.7 | 22.54 | 21.07 | 18.31 | 15.5 | 15.5 | 23.46 | 21.99 | 19.24 | 16.4 | 16.4 | 23.46 | 21.99 | 19.24 | 16.4 | 16.4 |
| | kW | 1.90 | 1.90 | 1.89 | 1.9 | 2.1 | 2.13 | 2.13 | 2.12 | 2.1 | 2.1 | 2.39 | 2.39 | 2.38 | 2.4 | 2.4 | 2.67 | 2.67 | 2.66 | 2.7 | 2.7 | 2.98 | 2.98 | 2.98 | 3.0 | 3.0 | 3.35 | 3.35 | 3.35 | 3.5 | 3.5 |
| | Amps | 7.45 | 7.44 | 7.42 | 7.5 | 8.6 | 8.52 | 8.51 | 8.49 | 8.6 | 8.6 | 9.70 | 9.70 | 9.68 | 9.8 | 9.8 | 10.99 | 10.98 | 10.96 | 11.0 | 11.0 | 12.43 | 12.42 | 12.40 | 12.5 | 12.5 | 14.11 | 14.11 | 14.09 | 14.2 | 14.2 |
| | Hi/PR | 255 | 256 | 258 | 262.3 | 302.5 | 295 | 296 | 298 | 302.5 | 302.5 | 337 | 338 | 340 | 344.7 | 344.7 | 383 | 384 | 386 | 390.0 | 390.0 | 432 | 433 | 435 | 439.0 | 439.0 | 484 | 485 | 487 | 491.2 | 491.2 |
| Lo/PR | 126 | 127 | 130 | 135.8 | 143.4 | 133 | 135 | 138 | 143.4 | 143.4 | 140 | 142 | 145 | 150.1 | 150.1 | 146 | 147 | 150 | 155.8 | 155.8 | 151 | 153 | 155 | 161.3 | 161.3 | 158 | 160 | 163 | 168.3 | 168.3 | |
| 1050 | MBh | 29.2 | 29.6 | 30.5 | 31.8 | 31.5 | 29.0 | 29.4 | 30.2 | 31.5 | 31.5 | 28.2 | 28.6 | 29.5 | 30.8 | 30.8 | 26.9 | 27.3 | 28.2 | 29.5 | 29.5 | 25.4 | 25.8 | 26.6 | 27.9 | 27.9 | 23.9 | 24.3 | 25.2 | 26.5 | 26.5 |
| | S/T | 1.00 | 0.90 | 0.75 | 0.6 | 0.6 | 1.00 | 0.90 | 0.76 | 0.6 | 0.6 | 1.00 | 0.93 | 0.79 | 0.6 | 0.6 | 1.00 | 1.00 | 0.81 | 0.7 | 0.7 | 1.00 | 1.00 | 0.83 | 0.7 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 | 0.7 |
| | ΔT | 21.56 | 20.09 | 17.33 | 14.5 | 14.4 | 21.52 | 20.05 | 17.29 | 14.4 | 14.4 | 21.73 | 20.25 | 17.50 | 14.6 | 14.6 | 21.51 | 20.03 | 17.28 | 14.4 | 14.4 | 21.31 | 19.83 | 17.08 | 14.2 | 14.2 | 22.23 | 20.76 | 18.00 | 15.2 | 15.2 |
| | kW | 1.91 | 1.91 | 1.91 | 1.9 | 2.2 | 2.15 | 2.14 | 2.14 | 2.2 | 2.2 | 2.41 | 2.40 | 2.40 | 2.4 | 2.4 | 2.69 | 2.69 | 2.68 | 2.7 | 2.7 | 3.00 | 3.00 | 3.00 | 3.0 | 3.0 | 3.37 | 3.37 | 3.36 | 3.4 | 3.4 |
| | Amps | 7.53 | 7.52 | 7.50 | 7.6 | 8.6 | 8.59 | 8.58 | 8.57 | 8.6 | 8.6 | 9.78 | 9.77 | 9.75 | 9.8 | 9.8 | 11.07 | 11.06 | 11.04 | 11.1 | 11.1 | 12.50 | 12.50 | 12.48 | 12.6 | 12.6 | 14.19 | 14.18 | 14.16 | 14.2 | 14.2 |
| | Hi/PR | 258 | 259 | 261 | 265.2 | 305.4 | 298 | 299 | 301 | 305.4 | 305.4 | 340 | 341 | 343 | 347.6 | 347.6 | 386 | 387 | 389 | 393.0 | 393.0 | 435 | 436 | 437 | 441.9 | 441.9 | 487 | 488 | 490 | 494.1 | 494.1 |
| Lo/PR | 128 | 130 | 133 | 138.2 | 145.9 | 136 | 137 | 141 | 145.9 | 145.9 | 142 | 144 | 147 | 152.6 | 152.6 | 148 | 150 | 153 | 158.2 | 158.2 | 154 | 155 | 158 | 163.8 | 163.8 | 161 | 162 | 165 | 170.7 | 170.7 | |
| 1125 | MBh | 29.5 | 29.9 | 30.7 | 32.1 | 31.8 | 29.2 | 29.6 | 30.5 | 31.8 | 31.8 | 28.5 | 28.9 | 29.7 | 31.0 | 31.0 | 27.2 | 27.6 | 28.4 | 29.8 | 29.8 | 25.6 | 26.0 | 26.9 | 28.2 | 28.2 | 24.2 | 24.6 | 25.4 | 26.7 | 26.7 |
| | S/T | 1.00 | 0.92 | 0.78 | 0.6 | 0.6 | 1.00 | 0.93 | 0.78 | 0.6 | 0.6 | 1.00 | 0.95 | 0.81 | 0.7 | 0.7 | 1.00 | 1.00 | 0.83 | 0.7 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 | 0.7 | 1.00 | 1.00 | 0.91 | 0.8 | 0.8 |
| | ΔT | 21.12 | 19.64 | 16.89 | 14.0 | 14.0 | 21.08 | 19.60 | 16.85 | 14.0 | 14.0 | 21.29 | 19.81 | 17.06 | 14.2 | 14.2 | 21.06 | 19.59 | 16.84 | 14.0 | 14.0 | 20.87 | 19.39 | 16.64 | 13.8 | 13.8 | 21.79 | 20.32 | 17.56 | 14.7 | 14.7 |
| | kW | 1.92 | 1.92 | 1.91 | 1.9 | 2.2 | 2.15 | 2.15 | 2.15 | 2.2 | 2.2 | 2.41 | 2.41 | 2.41 | 2.4 | 2.4 | 2.69 | 2.69 | 2.69 | 2.7 | 2.7 | 3.01 | 3.01 | 3.00 | 3.0 | 3.0 | 3.38 | 3.37 | 3.37 | 3.4 | 3.4 |
| | Amps | 7.55 | 7.55 | 7.53 | 7.6 | 8.7 | 8.62 | 8.61 | 8.59 | 8.7 | 8.7 | 9.81 | 9.80 | 9.78 | 9.9 | 9.9 | 11.09 | 11.09 | 11.07 | 11.1 | 11.1 | 12.53 | 12.52 | 12.51 | 12.6 | 12.6 | 14.22 | 14.21 | 14.19 | 14.3 | 14.3 |
| | Hi/PR | 259 | 260 | 262 | 266.4 | 306.6 | 299 | 300 | 302 | 306.6 | 306.6 | 341 | 343 | 344 | 348.8 | 348.8 | 387 | 388 | 390 | 394.2 | 394.2 | 436 | 437 | 439 | 443.1 | 443.1 | 488 | 489 | 491 | 495.3 | 495.3 |
| Lo/PR | 129 | 131 | 134 | 139.4 | 147.0 | 137 | 138 | 142 | 147.0 | 147.0 | 144 | 145 | 148 | 153.7 | 153.7 | 149 | 151 | 154 | 159.4 | 159.4 | 155 | 156 | 160 | 164.9 | 164.9 | 162 | 163 | 167 | 171.9 | 171.9 | |
| 85 | MBh | 29.2 | 29.6 | 30.5 | 31.8 | 31.5 | 29.0 | 29.4 | 30.2 | 31.5 | 31.5 | 28.2 | 28.6 | 29.5 | 30.8 | 30.8 | 26.9 | 27.3 | 28.2 | 29.5 | 29.5 | 25.4 | 25.8 | 26.6 | 27.9 | 27.9 | 23.9 | 24.3 | 25.2 | 26.5 | 26.5 |
| | S/T | 1.00 | 0.91 | 0.77 | 0.6 | 0.6 | 1.00 | 0.90 | 0.78 | 0.6 | 0.6 | 1.00 | 1.00 | 0.80 | 0.7 | 0.7 | 1.00 | 1.00 | 0.82 | 0.7 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 | 0.7 | 1.00 | 1.00 | 0.91 | 0.8 | 0.8 |
| | ΔT | 24.46 | 22.98 | 20.23 | 17.4 | 17.3 | 24.42 | 22.94 | 20.19 | 17.3 | 17.3 | 24.62 | 23.15 | 20.39 | 17.5 | 17.5 | 24.40 | 22.93 | 20.17 | 17.3 | 17.3 | 24.20 | 22.73 | 19.98 | 17.1 | 17.1 | 25.13 | 23.65 | 20.90 | 18.0 | 18.0 |
| | kW | 1.92 | 1.92 | 1.91 | 1.9 | 2.2 | 2.15 | 2.15 | 2.14 | 2.2 | 2.2 | 2.41 | 2.41 | 2.40 | 2.4 | 2.4 | 2.69 | 2.69 | 2.69 | 2.7 | 2.7 | 3.01 | 3.00 | 3.00 | 3.0 | 3.0 | 3.37 | 3.37 | 3.37 | 3.4 | 3.4 |
| | Amps | 7.47 | 7.46 | 7.44 | 7.5 | 8.6 | 8.54 | 8.53 | 8.51 | 8.6 | 8.6 | 9.72 | 9.72 | 9.70 | 9.8 | 9.8 | 11.01 | 11.00 | 10.98 | 11.1 | 11.1 | 12.45 | 12.44 | 12.42 | 12.5 | 12.5 | 14.14 | 14.13 | 14.11 | 14.2 | 14.2 |
| | Hi/PR | 256 | 257 | 259 | 263.5 | 303.7 | 296 | 297 | 299 | 303.7 | 303.7 | 339 | 340 | 341 | 345.9 | 345.9 | 384 | 385 | 387 | 391.2 | 391.2 | 433 | 434 | 436 | 440.2 | 440.2 | 485 | 486 | 488 | 492.4 | 492.4 |
| Lo/PR | 128 | 129 | 132 | 137.7 | 145.3 | 135 | 137 | 140 | 145.3 | 145.3 | 142 | 143 | 147 | 152.0 | 152.0 | 148 | 149 | 152 | 157.7 | 157.7 | 153 | 155 | 158 | 163.2 | 163.2 | 160 | 162 | 165 | 170.2 | 170.2 | |
| 1050 | MBh | 29.7 | 30.1 | 31.0 | 32.3 | 32.0 | 29.5 | 29.9 | 30.7 | 32.0 | 32.0 | 28.7 | 29.1 | 30.0 | 31.3 | 31.3 | 27.4 | 27.8 | 28.7 | 30.0 | 30.0 | 25.8 | 26.3 | 27.1 | 28.4 | 28.4 | 24.4 | 24.8 | 25.7 | 27.0 | 27.0 |
| | S/T | 1.00 | 1.00 | 0.86 | 0.7 | 0.7 | 1.00 | 1.00 | 0.87 | 0.7 | 0.7 | 1.00 | 1.00 | 0.89 | 0.7 | 0.7 | 1.00 | 1.00 | 0.91 | 0.8 | 0.8 | 1.00 | 1.00 | 0.90 | 0.8 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 | 0.8 |
| | ΔT | 24.46 | 22.98 | 20.23 | 17.4 | 17.3 | 24.42 | 22.94 | 20.19 | 17.3 | 17.3 | 24.62 | 23.15 | 20.39 | 17.5 | 17.5 | 24.40 | 22.93 | 20.17 | 17.3 | 17.3 | 24.20 | 22.73 | 19.98 | 17.1 | 17.1 | 25.13 | 23.65 | 20.90 | 18.0 | 18.0 |
| | kW | 1.92 | 1.92 | 1.91 | 1.9 | 2.2 | 2.15 | 2.15 | 2.14 | 2.2 | 2.2 | 2.41 | 2.41 | 2.40 | 2.4 | 2.4 | 2.69 | 2.69 | 2.69 | 2.7 | 2.7 | 3.01 | 3.00 | 3.00 | 3.0 | 3.0 | 3.37 | 3.37 | 3.37 | 3.4 | 3.4 |
| | Amps | 7.55 | 7.54 | 7.52 | 7.6 | 8.7 | 8.61 | 8.60 | 8.59 | 8.7 | 8.7 | 9.80 | 9.79 | 9.77 | 9.9 | 9.9 | 11.09 | 11.08 | 11.06 | 11.1 | 11.1 | 12.53 | 12.52 | 12.50 | 12.6 | 12.6 | 14.21 | 14.20 | 14.18 | 14.3 | 14.3 |
| | Hi/PR | 259 | 260 | 262 | 266.4 | 306.6 | 299 | 300 | 302 | 306.6 | 306.6 | 341 | 343 | 344 | 348.8 | 348.8 | 387 | 388 | 390 | 394.2 | 394.2 | 436 | 437 | 439 | 443.1 | 443.1 | 488 | 489 | 491 | 495.3 | 495.3 |
| Lo/PR | 130 | 132 | 135 | 140.1 | 147.7 | 138 | 139 | 142 | 147.7 | 147.7 | 144 | 146 | 149 | 154.4 | 154.4 | 150 | 152 | 155 | 160.1 | 160.1 | 156 | 157 | 160 | 165.7 | 165.7 | 163 | 164 | 167 | 172.6 | 172.6 | |
| 1125 | MBh | 30.0 | 30.4 | 31.2 | 32.5 | 32.3 | 29.7 | 30.1 | 31.0 | 32.3 | 32.3 | 29.0 | 29.4 | 30.2 | 31.5 | 31.5 | 27.7 | 28.1 | 28.9 | 30.2 | 30.2 | 26.1 | 26.5 | 27.4 | 28.7 | 28.7 | 24.7 | 25.1 | 25.9 | 27.2 | 27.2 |
| | S/T | 1.00 | 1.00 | 0.88 | 0.7 | 0.7 | 1.00 | 1.00 | 0.89 | 0.7 | 0.7 | 1.00 | 1.00 | 0.92 | 0.8 | 0.8 | 1.00 | 1.00 | 0.94 | 0.8 | 0.8 | 1.00 | 1.00 | 0.93 | 0.8 | 0.8 | 1.00 | 1.00 | 1.00 | 0.9 | 0.9 |
| | ΔT | 24.01 | 22.54 | 19.79 | 16.9 | 16.9 | 23.97 | 22.50 | 19.75 | 16.9 | 16.9 | 24.18 | 22.71 | 19.95 | 17.1 | 17.1 | 23.96 | 22.48 | 19.73 | 16.9 | 16.9 | 23.76 | 22.29 | 19.53 | 16.7 | 16.7 | 24.68 | 23.21 | 20.46 | 17.6 | 17.6 |
| | kW | 1.92 | 1.92 | 1.92 | 1.9 | 2.2 | 2.16 | 2.15 | 2.15 | 2.2 | 2.2 | 2.42 | 2.41 | 2.41 | 2.4 | 2.4 | 2.70 | 2.70 | 2.69 | 2.7 | 2.7 | 3.01 | 3.01 | 3.01 | 3.0 | 3.0 | 3.38 | 3.38 | 3.37 | 3.4 | 3.4 |
| | Amps | 7.57 | 7.57 | 7.55 | 7.6 | 8.7 | 8.64 | 8.63 | 8.61 | 8.7 | 8.7 | 9.83 | 9.82 | 9.80 | 9.9 | 9.9 | 11.11 | 11.11 | 11.09 | 11.2 | 11.2 | 12.55 | 12.54 | 12.53 | 12.6 | 12.6 | 14.24 | 14.23 | 14.21 | 14.3 | 14.3 |
| | Hi/PR | 260 | 261 | 263 | 267.6 | 307.8 | 300 | 302 | 303 | 307.8 | 307.8 | 343 | 344 | 346 | 350.0 | 350.0 | 388 | 389 | 391 | 395.4 | 395.4 | 437 | 438 | 440 | 44 | | | | | | |

EXPANDED COOLING DATA — GPHM33641**

| 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 | 1050 | MBh | 34.8 | 35.3 | 36.3 | 37.3 | 37.9 | 38.4 | 38.9 | 39.4 | 39.9 | 40.4 | 40.9 | 41.4 | 41.9 | 42.4 | 42.9 | 43.4 | 43.9 | 44.4 | 44.9 | 45.4 | 45.9 | 46.4 | 46.9 | |
| | | S/T | 0.62 | 0.55 | 0.41 | 0.27 | 0.13 | 0.00 | 0.13 | 0.27 | 0.41 | 0.55 | 0.69 | 0.83 | 0.97 | 1.11 | 1.25 | 1.39 | 1.53 | 1.67 | 1.81 | 1.95 | 2.09 | 2.23 | 2.37 | |
| | | ΔT | 19.75 | 17.92 | 14.51 | 11.10 | 7.69 | 4.28 | 0.87 | -0.74 | -2.35 | -3.96 | -5.57 | -7.18 | -8.79 | -10.40 | -12.01 | -13.62 | -15.23 | -16.84 | -18.45 | -20.06 | -21.67 | -23.28 | -24.89 | |
| | | kW | 2.29 | 2.29 | 2.28 | 2.27 | 2.26 | 2.25 | 2.24 | 2.23 | 2.22 | 2.21 | 2.20 | 2.19 | 2.18 | 2.17 | 2.16 | 2.15 | 2.14 | 2.13 | 2.12 | 2.11 | 2.10 | 2.09 | 2.08 | 2.07 |
| | | Amps | 8.95 | 8.93 | 8.91 | 8.90 | 8.89 | 8.88 | 8.87 | 8.86 | 8.85 | 8.84 | 8.83 | 8.82 | 8.81 | 8.80 | 8.79 | 8.78 | 8.77 | 8.76 | 8.75 | 8.74 | 8.73 | 8.72 | 8.71 | 8.70 |
| | Hi PR | 267 | 269 | 271 | 273 | 275 | 277 | 279 | 281 | 283 | 285 | 287 | 289 | 291 | 293 | 295 | 297 | 299 | 301 | 303 | 305 | 307 | 309 | 311 | 313 | |
| | Lo PR | 125 | 126 | 130 | 133 | 136 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | 162 | 165 | 168 | 171 | 174 | 177 | 180 | 183 | 186 | 189 | 192 | |
| | 1200 | MBh | 35.3 | 35.7 | 36.8 | 37.8 | 38.4 | 38.9 | 39.4 | 39.9 | 40.4 | 40.9 | 41.4 | 41.9 | 42.4 | 42.9 | 43.4 | 43.9 | 44.4 | 44.9 | 45.4 | 45.9 | 46.4 | 46.9 | 47.4 | |
| | | S/T | 0.69 | 0.61 | 0.47 | 0.33 | 0.19 | 0.05 | -0.08 | -0.22 | -0.36 | -0.50 | -0.64 | -0.78 | -0.92 | -1.06 | -1.20 | -1.34 | -1.48 | -1.62 | -1.76 | -1.90 | -2.04 | -2.18 | | |
| | | ΔT | 18.64 | 16.82 | 13.41 | 9.99 | 6.58 | 3.17 | -0.24 | -3.65 | -7.06 | -10.47 | -13.88 | -17.29 | -20.70 | -24.11 | -27.52 | -30.93 | -34.34 | -37.75 | -41.16 | -44.57 | -47.98 | -51.39 | | |
| kW | | 2.31 | 2.30 | 2.30 | 2.29 | 2.28 | 2.27 | 2.26 | 2.25 | 2.24 | 2.23 | 2.22 | 2.21 | 2.20 | 2.19 | 2.18 | 2.17 | 2.16 | 2.15 | 2.14 | 2.13 | 2.12 | 2.11 | 2.10 | | |
| Amps | | 9.01 | 9.00 | 8.98 | 8.97 | 8.96 | 8.95 | 8.94 | 8.93 | 8.92 | 8.91 | 8.90 | 8.89 | 8.88 | 8.87 | 8.86 | 8.85 | 8.84 | 8.83 | 8.82 | 8.81 | 8.80 | 8.79 | 8.78 | | |
| Hi PR | 270 | 271 | 273 | 275 | 277 | 279 | 281 | 283 | 285 | 287 | 289 | 291 | 293 | 295 | 297 | 299 | 301 | 303 | 305 | 307 | 309 | 311 | 313 | | | |
| Lo PR | 127 | 128 | 131 | 134 | 136 | 138 | 141 | 143 | 145 | 147 | 149 | 151 | 153 | 155 | 157 | 159 | 161 | 163 | 165 | 167 | 169 | 171 | 173 | | | |
| 1350 | MBh | 35.8 | 36.3 | 37.3 | 38.3 | 38.9 | 39.4 | 39.9 | 40.4 | 40.9 | 41.4 | 41.9 | 42.4 | 42.9 | 43.4 | 43.9 | 44.4 | 44.9 | 45.4 | 45.9 | 46.4 | 46.9 | 47.4 | 47.9 | | |
| | S/T | 0.72 | 0.64 | 0.50 | 0.36 | 0.22 | 0.08 | -0.06 | -0.20 | -0.34 | -0.48 | -0.62 | -0.76 | -0.90 | -1.04 | -1.18 | -1.32 | -1.46 | -1.60 | -1.74 | -1.88 | -2.02 | -2.16 | | | |
| | ΔT | 17.71 | 15.89 | 12.48 | 9.06 | 5.65 | 2.24 | -1.17 | -4.58 | -7.99 | -11.40 | -14.81 | -18.22 | -21.63 | -25.04 | -28.45 | -31.86 | -35.27 | -38.68 | -42.09 | -45.50 | -48.91 | -52.32 | | | |
| | kW | 2.32 | 2.32 | 2.31 | 2.30 | 2.29 | 2.28 | 2.27 | 2.26 | 2.25 | 2.24 | 2.23 | 2.22 | 2.21 | 2.20 | 2.19 | 2.18 | 2.17 | 2.16 | 2.15 | 2.14 | 2.13 | 2.12 | 2.11 | | |
| | Amps | 9.07 | 9.06 | 9.04 | 9.03 | 9.02 | 9.01 | 9.00 | 8.99 | 8.98 | 8.97 | 8.96 | 8.95 | 8.94 | 8.93 | 8.92 | 8.91 | 8.90 | 8.89 | 8.88 | 8.87 | 8.86 | 8.85 | 8.84 | | |
| Hi PR | 272 | 273 | 275 | 277 | 279 | 281 | 283 | 285 | 287 | 289 | 291 | 293 | 295 | 297 | 299 | 301 | 303 | 305 | 307 | 309 | 311 | 313 | 315 | | | |
| Lo PR | 129 | 130 | 133 | 136 | 138 | 141 | 143 | 145 | 147 | 149 | 151 | 153 | 155 | 157 | 159 | 161 | 163 | 165 | 167 | 169 | 171 | 173 | 175 | | | |
| 75 | 1050 | MBh | 34.8 | 35.3 | 36.3 | 37.3 | 37.9 | 38.4 | 38.9 | 39.4 | 39.9 | 40.4 | 40.9 | 41.4 | 41.9 | 42.4 | 42.9 | 43.4 | 43.9 | 44.4 | 44.9 | 45.4 | 45.9 | 46.4 | 46.9 | |
| | | S/T | 0.76 | 0.68 | 0.54 | 0.40 | 0.26 | 0.12 | -0.02 | -0.16 | -0.30 | -0.44 | -0.58 | -0.72 | -0.86 | -1.00 | -1.14 | -1.28 | -1.42 | -1.56 | -1.70 | -1.84 | -1.98 | -2.12 | | |
| | | ΔT | 23.71 | 21.93 | 18.53 | 15.12 | 11.71 | 8.30 | 4.89 | 1.48 | -1.93 | -5.34 | -8.75 | -12.16 | -15.57 | -18.98 | -22.39 | -25.80 | -29.21 | -32.62 | -36.03 | -39.44 | -42.85 | -46.26 | | |
| | | kW | 2.29 | 2.29 | 2.28 | 2.27 | 2.26 | 2.25 | 2.24 | 2.23 | 2.22 | 2.21 | 2.20 | 2.19 | 2.18 | 2.17 | 2.16 | 2.15 | 2.14 | 2.13 | 2.12 | 2.11 | 2.10 | 2.09 | 2.08 | |
| | | Amps | 8.94 | 8.93 | 8.90 | 8.89 | 8.88 | 8.87 | 8.86 | 8.85 | 8.84 | 8.83 | 8.82 | 8.81 | 8.80 | 8.79 | 8.78 | 8.77 | 8.76 | 8.75 | 8.74 | 8.73 | 8.72 | 8.71 | 8.70 | |
| | Hi PR | 268 | 269 | 271 | 273 | 275 | 277 | 279 | 281 | 283 | 285 | 287 | 289 | 291 | 293 | 295 | 297 | 299 | 301 | 303 | 305 | 307 | 309 | 311 | | |
| | Lo PR | 125 | 126 | 130 | 133 | 136 | 138 | 141 | 143 | 145 | 147 | 149 | 151 | 153 | 155 | 157 | 159 | 161 | 163 | 165 | 167 | 169 | 171 | 173 | | |
| | 1200 | MBh | 35.3 | 35.8 | 36.8 | 37.8 | 38.4 | 38.9 | 39.4 | 39.9 | 40.4 | 40.9 | 41.4 | 41.9 | 42.4 | 42.9 | 43.4 | 43.9 | 44.4 | 44.9 | 45.4 | 45.9 | 46.4 | 46.9 | 47.4 | |
| | | S/T | 0.82 | 0.74 | 0.60 | 0.46 | 0.32 | 0.18 | 0.04 | -0.10 | -0.24 | -0.38 | -0.52 | -0.66 | -0.80 | -0.94 | -1.08 | -1.22 | -1.36 | -1.50 | -1.64 | -1.78 | -1.92 | -2.06 | | |
| | | ΔT | 22.66 | 20.83 | 17.42 | 14.01 | 10.60 | 7.19 | 3.78 | 0.37 | -3.04 | -6.45 | -9.86 | -13.27 | -16.68 | -20.09 | -23.50 | -26.91 | -30.32 | -33.73 | -37.14 | -40.55 | -43.96 | -47.37 | | |
| kW | | 2.30 | 2.30 | 2.30 | 2.29 | 2.28 | 2.27 | 2.26 | 2.25 | 2.24 | 2.23 | 2.22 | 2.21 | 2.20 | 2.19 | 2.18 | 2.17 | 2.16 | 2.15 | 2.14 | 2.13 | 2.12 | 2.11 | 2.10 | | |
| Amps | | 9.00 | 8.99 | 8.97 | 8.96 | 8.95 | 8.94 | 8.93 | 8.92 | 8.91 | 8.90 | 8.89 | 8.88 | 8.87 | 8.86 | 8.85 | 8.84 | 8.83 | 8.82 | 8.81 | 8.80 | 8.79 | 8.78 | 8.77 | | |
| Hi PR | 270 | 271 | 273 | 275 | 277 | 279 | 281 | 283 | 285 | 287 | 289 | 291 | 293 | 295 | 297 | 299 | 301 | 303 | 305 | 307 | 309 | 311 | 313 | | | |
| Lo PR | 127 | 128 | 131 | 134 | 136 | 138 | 141 | 143 | 145 | 147 | 149 | 151 | 153 | 155 | 157 | 159 | 161 | 163 | 165 | 167 | 169 | 171 | 173 | | | |
| 1350 | MBh | 35.8 | 36.3 | 37.4 | 38.4 | 38.9 | 39.4 | 39.9 | 40.4 | 40.9 | 41.4 | 41.9 | 42.4 | 42.9 | 43.4 | 43.9 | 44.4 | 44.9 | 45.4 | 45.9 | 46.4 | 46.9 | 47.4 | 47.9 | | |
| | S/T | 0.85 | 0.78 | 0.64 | 0.50 | 0.36 | 0.22 | 0.08 | -0.06 | -0.20 | -0.34 | -0.48 | -0.62 | -0.76 | -0.90 | -1.04 | -1.18 | -1.32 | -1.46 | -1.60 | -1.74 | -1.88 | -2.02 | | | |
| | ΔT | 21.73 | 19.90 | 16.49 | 13.08 | 9.67 | 6.26 | 2.85 | -0.56 | -3.97 | -7.38 | -10.79 | -14.20 | -17.61 | -21.02 | -24.43 | -27.84 | -31.25 | -34.66 | -38.07 | -41.48 | -44.89 | -48.30 | | | |
| | kW | 2.32 | 2.31 | 2.31 | 2.30 | 2.29 | 2.28 | 2.27 | 2.26 | 2.25 | 2.24 | 2.23 | 2.22 | 2.21 | 2.20 | 2.19 | 2.18 | 2.17 | 2.16 | 2.15 | 2.14 | 2.13 | 2.12 | 2.11 | | |
| | Amps | 9.06 | 9.05 | 9.03 | 9.02 | 9.01 | 9.00 | 8.99 | 8.98 | 8.97 | 8.96 | 8.95 | 8.94 | 8.93 | 8.92 | 8.91 | 8.90 | 8.89 | 8.88 | 8.87 | 8.86 | 8.85 | 8.84 | 8.83 | | |
| Hi PR | 272 | 273 | 275 | 277 | 279 | 281 | 283 | 285 | 287 | 289 | 291 | 293 | 295 | 297 | 299 | 301 | 303 | 305 | 307 | 309 | 311 | 313 | 315 | | | |
| Lo PR | 129 | 130 | 133 | 136 | 138 | 141 | 143 | 145 | 147 | 149 | 151 | 153 | 155 | 157 | 159 | 161 | 163 | 165 | 167 | 169 | 171 | 173 | 175 | | | |

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

| IDB | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | INDOOR WET BULB 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 | 59 | 63 | 67 | 71 | | | | | | | | |
| 80 | 1050 | MBh | 35.0 | 35.5 | 36.5 | 38.1 | 34.7 | 35.2 | 36.2 | 37.8 | 33.8 | 34.3 | 35.3 | 36.9 | 32.2 | 32.7 | 33.7 | 35.3 | 30.3 | 30.8 | 31.8 | 33.4 | 28.6 | 29.0 | 30.1 | 31.7 | | | | | | | | | | | |
| | | S/T | 1.00 | 0.81 | 0.67 | 0.5 | 1.00 | 0.81 | 0.67 | 0.5 | 1.00 | 0.84 | 0.70 | 0.6 | 1.00 | 1.00 | 0.72 | 0.6 | 1.00 | 1.00 | 0.74 | 0.6 | 1.00 | 1.00 | 0.80 | 0.6 | | | | | | | | | | | |
| | | ΔT | 27.80 | 25.98 | 22.57 | 19.0 | 27.75 | 25.93 | 22.52 | 19.0 | 28.01 | 26.18 | 22.77 | 19.2 | 27.73 | 25.91 | 22.50 | 19.0 | 27.49 | 25.66 | 22.25 | 18.7 | 28.63 | 26.81 | 23.40 | 19.9 | | | | | | | | | | | |
| | | kW | 2.29 | 2.29 | 2.28 | 2.3 | 2.58 | 2.58 | 2.57 | 2.6 | 2.90 | 2.90 | 2.89 | 2.9 | 3.24 | 3.24 | 3.24 | 3.3 | 3.63 | 3.63 | 3.62 | 3.6 | 4.09 | 4.08 | 4.08 | 4.1 | | | | | | | | | | | |
| | | Amps | 8.94 | 8.93 | 8.91 | 9.0 | 10.26 | 10.25 | 10.22 | 10.3 | 11.72 | 11.71 | 11.69 | 11.8 | 13.31 | 13.30 | 13.28 | 13.4 | 15.09 | 15.07 | 15.05 | 15.2 | 17.17 | 17.16 | 17.13 | 17.2 | | | | | | | | | | | |
| | | Hi/PR | 268 | 269 | 271 | 275.9 | 310 | 312 | 313 | 318.1 | 355 | 356 | 358 | 362.3 | 402 | 403 | 405 | 409.9 | 454 | 455 | 457 | 461.3 | 508 | 510 | 511 | 516.1 | | | | | | | | | | | |
| | Lo/PR | 125 | 127 | 130 | 135.5 | 133 | 135 | 138 | 143.1 | 140 | 141 | 144 | 149.7 | 145 | 147 | 150 | 155.3 | 151 | 152 | 156 | 160.9 | 158 | 159 | 162 | 167.8 | | | | | | | | | | | | |
| | MBh | 35.5 | 35.9 | 37.0 | 38.6 | 35.1 | 35.6 | 36.7 | 38.3 | 34.2 | 34.7 | 35.8 | 37.4 | 32.7 | 33.2 | 34.2 | 35.8 | 30.8 | 31.2 | 32.3 | 33.9 | 29.0 | 29.5 | 30.5 | 32.1 | | | | | | | | | | | | |
| | S/T | 1.00 | 0.87 | 0.73 | 0.6 | 1.00 | 0.88 | 0.74 | 0.6 | 1.00 | 0.90 | 0.76 | 0.6 | 1.00 | 1.00 | 0.78 | 0.6 | 1.00 | 1.00 | 0.81 | 0.7 | 1.00 | 1.00 | 0.86 | 0.7 | | | | | | | | | | | | |
| | ΔT | 26.70 | 24.87 | 21.46 | 17.9 | 26.65 | 24.82 | 21.41 | 17.9 | 26.91 | 25.08 | 21.67 | 18.1 | 26.63 | 24.81 | 21.40 | 17.9 | 26.39 | 24.56 | 21.15 | 17.6 | 27.53 | 25.70 | 22.30 | 18.8 | | | | | | | | | | | | |
| | kW | 2.31 | 2.30 | 2.30 | 2.3 | 2.59 | 2.59 | 2.58 | 2.6 | 2.91 | 2.91 | 2.91 | 2.9 | 3.26 | 3.26 | 3.25 | 3.3 | 3.65 | 3.64 | 3.64 | 3.7 | 4.10 | 4.10 | 4.09 | 4.1 | | | | | | | | | | | | |
| | Amps | 9.01 | 9.00 | 8.98 | 9.1 | 10.33 | 10.32 | 10.29 | 10.4 | 11.79 | 11.78 | 11.76 | 11.9 | 13.38 | 13.37 | 13.35 | 13.4 | 15.15 | 15.14 | 15.12 | 15.2 | 17.23 | 17.22 | 17.20 | 17.3 | | | | | | | | | | | | |
| Hi/PR | 270 | 272 | 274 | 278.2 | 313 | 314 | 316 | 320.4 | 357 | 358 | 360 | 364.6 | 405 | 406 | 408 | 412.2 | 456 | 457 | 459 | 463.6 | 511 | 512 | 514 | 518.3 | | | | | | | | | | | | | |
| Lo/PR | 127 | 129 | 132 | 137.3 | 135 | 136 | 140 | 144.9 | 142 | 143 | 146 | 151.5 | 147 | 149 | 152 | 157.2 | 153 | 154 | 157 | 162.7 | 160 | 161 | 164 | 169.6 | | | | | | | | | | | | | |
| MBh | 36.0 | 36.5 | 37.5 | 39.1 | 35.7 | 36.2 | 37.2 | 38.8 | 34.8 | 35.3 | 36.3 | 37.9 | 33.2 | 33.7 | 34.7 | 36.3 | 31.3 | 31.8 | 32.8 | 34.4 | 29.6 | 30.1 | 31.1 | 32.7 | | | | | | | | | | | | | |
| S/T | 1.00 | 0.90 | 0.76 | 0.6 | 1.00 | 0.91 | 0.77 | 0.6 | 1.00 | 0.94 | 0.80 | 0.6 | 1.00 | 1.00 | 0.82 | 0.7 | 1.00 | 1.00 | 0.84 | 0.7 | 1.00 | 1.00 | 0.89 | 0.7 | | | | | | | | | | | | | |
| ΔT | 25.77 | 23.95 | 20.54 | 17.0 | 25.72 | 23.90 | 20.49 | 17.0 | 25.98 | 24.15 | 20.74 | 17.2 | 25.70 | 23.88 | 20.47 | 16.9 | 25.46 | 23.63 | 20.22 | 16.7 | 26.60 | 24.78 | 21.37 | 17.8 | | | | | | | | | | | | | |
| kW | 2.32 | 2.32 | 2.31 | 2.3 | 2.60 | 2.60 | 2.60 | 2.6 | 2.93 | 2.92 | 2.92 | 2.9 | 3.27 | 3.27 | 3.26 | 3.3 | 3.66 | 3.66 | 3.65 | 3.7 | 4.11 | 4.11 | 4.11 | 4.1 | | | | | | | | | | | | | |
| Amps | 9.07 | 9.06 | 9.04 | 9.1 | 10.38 | 10.37 | 10.35 | 10.5 | 11.85 | 11.84 | 11.82 | 11.9 | 13.44 | 13.43 | 13.40 | 13.5 | 15.21 | 15.20 | 15.18 | 15.3 | 17.29 | 17.28 | 17.26 | 17.4 | | | | | | | | | | | | | |
| Hi/PR | 273 | 274 | 276 | 280.4 | 315 | 316 | 318 | 322.6 | 359 | 360 | 362 | 366.8 | 407 | 408 | 410 | 414.4 | 458 | 459 | 461 | 465.8 | 513 | 514 | 516 | 520.5 | | | | | | | | | | | | | |
| Lo/PR | 129 | 131 | 134 | 139.3 | 137 | 138 | 142 | 146.9 | 144 | 145 | 148 | 153.6 | 149 | 151 | 154 | 159.2 | 155 | 156 | 159 | 164.7 | 162 | 163 | 166 | 171.6 | | | | | | | | | | | | | |
| MBh | 35.6 | 36.1 | 37.1 | 38.7 | 35.3 | 35.8 | 36.8 | 38.4 | 34.4 | 34.9 | 35.9 | 37.5 | 32.8 | 33.3 | 34.3 | 35.9 | 30.9 | 31.4 | 32.4 | 34.0 | 29.1 | 29.6 | 30.7 | 32.3 | | | | | | | | | | | | | |
| S/T | 1.00 | 0.91 | 0.77 | 0.6 | 1.00 | 1.00 | 0.78 | 0.6 | 1.00 | 1.00 | 0.80 | 0.7 | 1.00 | 1.00 | 0.82 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 | | | | | | | | | | | | | |
| ΔT | 31.39 | 29.56 | 26.15 | 22.6 | 31.34 | 29.51 | 26.10 | 22.6 | 31.60 | 29.77 | 26.36 | 22.8 | 31.32 | 29.49 | 26.08 | 22.6 | 31.08 | 29.25 | 25.84 | 22.3 | 32.22 | 30.39 | 26.98 | 23.5 | | | | | | | | | | | | | |
| kW | 2.30 | 2.29 | 2.29 | 2.3 | 2.58 | 2.58 | 2.58 | 2.6 | 2.90 | 2.90 | 2.90 | 2.9 | 3.25 | 3.25 | 3.24 | 3.3 | 3.64 | 3.64 | 3.63 | 3.7 | 4.09 | 4.09 | 4.09 | 4.1 | | | | | | | | | | | | | |
| Amps | 8.97 | 8.96 | 8.94 | 9.0 | 10.28 | 10.27 | 10.25 | 10.4 | 11.75 | 11.74 | 11.72 | 11.8 | 13.34 | 13.33 | 13.30 | 13.4 | 15.11 | 15.10 | 15.08 | 15.2 | 17.19 | 17.18 | 17.16 | 17.3 | | | | | | | | | | | | | |
| Hi/PR | 269 | 271 | 273 | 277.2 | 312 | 313 | 315 | 319.4 | 356 | 357 | 359 | 363.6 | 404 | 405 | 407 | 411.2 | 455 | 456 | 458 | 462.5 | 510 | 511 | 513 | 517.3 | | | | | | | | | | | | | |
| Lo/PR | 127 | 129 | 132 | 137.3 | 135 | 136 | 140 | 144.9 | 142 | 143 | 146 | 151.6 | 147 | 149 | 152 | 157.2 | 153 | 154 | 157 | 162.7 | 160 | 161 | 164 | 169.6 | | | | | | | | | | | | | |
| MBh | 36.0 | 36.5 | 37.6 | 39.2 | 35.7 | 36.2 | 37.3 | 38.8 | 34.8 | 35.3 | 36.3 | 37.9 | 33.3 | 33.7 | 34.8 | 36.4 | 31.3 | 31.8 | 32.9 | 34.5 | 29.6 | 30.1 | 31.1 | 32.7 | | | | | | | | | | | | | |
| S/T | 1.00 | 0.97 | 0.83 | 0.7 | 1.00 | 1.00 | 0.84 | 0.7 | 1.00 | 1.00 | 0.87 | 0.7 | 1.00 | 1.00 | 0.89 | 0.7 | 1.00 | 1.00 | 0.90 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 | | | | | | | | | | | | | |
| ΔT | 30.29 | 28.46 | 25.05 | 21.5 | 30.24 | 28.41 | 25.00 | 21.5 | 30.49 | 28.67 | 25.26 | 21.7 | 30.22 | 28.39 | 24.98 | 21.4 | 29.97 | 28.15 | 24.74 | 21.2 | 31.12 | 29.29 | 25.88 | 22.3 | | | | | | | | | | | | | |
| kW | 2.31 | 2.31 | 2.30 | 2.3 | 2.60 | 2.60 | 2.59 | 2.6 | 2.92 | 2.92 | 2.91 | 2.9 | 3.26 | 3.26 | 3.26 | 3.3 | 3.65 | 3.65 | 3.65 | 3.7 | 4.11 | 4.10 | 4.10 | 4.1 | | | | | | | | | | | | | |
| Amps | 9.04 | 9.03 | 9.00 | 9.1 | 10.35 | 10.34 | 10.32 | 10.4 | 11.82 | 11.81 | 11.78 | 11.9 | 13.40 | 13.39 | 13.37 | 13.5 | 15.18 | 15.17 | 15.15 | 15.2 | 17.26 | 17.25 | 17.23 | 17.3 | | | | | | | | | | | | | |
| Hi/PR | 272 | 273 | 275 | 279.4 | 314 | 315 | 317 | 321.6 | 358 | 359 | 361 | 365.9 | 406 | 407 | 409 | 413.5 | 457 | 458 | 460 | 464.8 | 512 | 513 | 515 | 519.6 | | | | | | | | | | | | | |
| Lo/PR | 129 | 131 | 134 | 139.2 | 137 | 138 | 141 | 146.8 | 143 | 145 | 148 | 153.4 | 149 | 151 | 154 | 159.0 | 155 | 156 | 159 | 164.6 | 161 | 163 | 166 | 171.5 | | | | | | | | | | | | | |
| MBh | 36.6 | 37.1 | 38.1 | 39.7 | 36.3 | 36.8 | 37.8 | 39.4 | 35.4 | 35.9 | 36.9 | 38.5 | 33.8 | 34.3 | 35.3 | 36.9 | 31.9 | 32.4 | 33.4 | 35.0 | 30.1 | 30.6 | 31.7 | 33.3 | | | | | | | | | | | | | |
| S/T | 1.00 | 1.00 | 0.87 | 0.7 | 1.00 | 1.00 | 0.88 | 0.7 | 1.00 | 1.00 | 0.90 | 0.8 | 1.00 | 1.00 | 0.92 | 0.8 | 1.00 | 1.00 | 0.90 | 0.8 | 1.00 | 1.00 | 1.00 | 0.9 | | | | | | | | | | | | | |
| ΔT | 29.36 | 27.53 | 24.12 | 20.6 | 29.31 | 27.48 | 24.07 | 20.5 | 29.56 | 27.74 | 24.33 | 20.8 | 29.29 | 27.46 | 24.05 | 20.5 | 29.04 | 27.22 | 23.81 | 20.3 | 30.19 | 28.36 | 24.95 | 21.4 | | | | | | | | | | | | | |
| kW | 2.32 | 2.32 | 2.32 | 2.3 | 2.61 | 2.61 | 2.60 | 2.6 | 2.93 | 2.93 | 2.92 | 2.9 | 3.28 | 3.28 | 3.27 | 3.3 | 3.66 | 3.66 | 3.66 | 3.7 | 4.12 | 4.12 | 4.11 | 4.1 | | | | | | | | | | | | | |
| Amps | 9.09 | 9.08 | 9.06 | 9.2 | 10.41 | 10.40 | 10.38 | 10.5 | 11.87 | 11.86 | 11.84 | 11.9 | 13.46 | 13.45 | 13.43 | 13.5 | 15.24 | 15.23 | 15.20 | 15.3 | 17.32 | 17.31 | 17.28 | 17.4 | | | | | | | | | | | | | |
| Hi/PR | 274 | 275 | 277 | 281.6 | 316 | 317 | 319 | 323.9 | 360 | 362 | 363 | 368.1 | 408 | 409 | 411 | 415.7 | 459 | 460 | 462 | 467.0 | 514 | 515 | 517 | 521.8 | | | | | | | | | | | | | |
| Lo/PR | 131 | 133 | 136 | 141.2 | 139 | 140 | 143 | 148.8 | 145 | 147 | 150 | 155.5 | 151 | 153 | 156 | 161.1 | 157 | 158 | 161 | 166.6 | 163 | 165 | 168 | 173.5 | | | | | | | | | | | | | |

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

EXPANDED COOLING DATA — GPHM34241**

| IDB | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | 105°F | | | | | | | | | | | | 115°F | | | | | | | | | | | |
|------|-------|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|--|--|--|--|--|--|--|--|--|
| | | 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 | | | | | | | | | | | | |
| | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | AIRFLOW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | 1300 | MBh | 41.7 | 42.3 | 43.6 | - | 41.4 | 42.0 | 43.2 | - | 40.3 | 40.9 | 42.1 | - | 38.4 | 39.0 | 40.3 | - | 36.2 | 36.8 | 38.0 | - | 34.1 | 34.7 | 35.9 | - | | | | | | | | | | | |
| | | S/T | 0.65 | 0.57 | 0.44 | - | 0.65 | 0.58 | 0.45 | - | 1.00 | 0.60 | 0.47 | - | 1.00 | 0.62 | 0.49 | - | 1.00 | 0.65 | 0.51 | - | 1.00 | 0.70 | 0.56 | - | | | | | | | | | | | |
| | | ΔT | 13.13 | 11.84 | 9.44 | - | 13.09 | 11.81 | 9.41 | - | 13.27 | 11.99 | 9.59 | - | 13.08 | 11.79 | 9.39 | - | 12.91 | 11.62 | 9.22 | - | 13.71 | 12.43 | 10.03 | - | | | | | | | | | | | |
| | | kW | 2.72 | 2.71 | 2.71 | - | 3.06 | 3.06 | 3.05 | - | 3.44 | 3.44 | 3.44 | - | 3.86 | 3.86 | 3.85 | - | 4.33 | 4.32 | 4.32 | - | 4.87 | 4.87 | 4.86 | - | | | | | | | | | | | |
| | | Amps | 10.96 | 10.95 | 10.92 | - | 12.54 | 12.52 | 12.50 | - | 14.30 | 14.28 | 14.26 | - | 16.20 | 16.19 | 16.16 | - | 18.33 | 18.32 | 18.29 | - | 20.83 | 20.81 | 20.79 | - | | | | | | | | | | | |
| | 1400 | Hi PR | 262 | 263 | 265 | - | 302 | 304 | 305 | - | 345 | 346 | 348 | - | 392 | 393 | 394 | - | 441 | 442 | 444 | - | 494 | 496 | 497 | - | | | | | | | | | | | |
| | | Lo PR | 129 | 130 | 134 | - | 136 | 138 | 141 | - | 143 | 145 | 148 | - | 149 | 150 | 154 | - | 155 | 156 | 159 | - | 162 | 163 | 166 | - | | | | | | | | | | | |
| | | MBh | 42.1 | 42.7 | 43.9 | - | 41.8 | 42.3 | 43.6 | - | 40.7 | 41.3 | 42.5 | - | 38.8 | 39.4 | 40.6 | - | 36.6 | 37.2 | 38.4 | - | 34.5 | 35.1 | 36.3 | - | | | | | | | | | | | |
| | | S/T | 0.67 | 0.60 | 0.47 | - | 0.68 | 0.60 | 0.47 | - | 1.00 | 0.63 | 0.50 | - | 1.00 | 0.65 | 0.51 | - | 1.00 | 0.67 | 0.54 | - | 1.00 | 1.00 | 0.59 | - | | | | | | | | | | | |
| | | ΔT | 12.72 | 11.43 | 9.03 | - | 12.68 | 11.39 | 8.99 | - | 12.86 | 11.57 | 9.17 | - | 12.67 | 11.38 | 8.98 | - | 12.49 | 11.21 | 8.81 | - | 13.30 | 12.01 | 9.61 | - | | | | | | | | | | | |
| 1575 | kW | 2.72 | 2.72 | 2.72 | - | 3.07 | 3.07 | 3.06 | - | 3.45 | 3.45 | 3.45 | - | 3.87 | 3.87 | 3.86 | - | 4.34 | 4.33 | 4.33 | - | 4.88 | 4.88 | 4.87 | - | | | | | | | | | | | | |
| | Amps | 11.00 | 10.99 | 10.96 | - | 12.58 | 12.57 | 12.54 | - | 14.34 | 14.33 | 14.30 | - | 16.24 | 16.23 | 16.20 | - | 18.37 | 18.36 | 18.33 | - | 20.87 | 20.86 | 20.83 | - | | | | | | | | | | | | |
| | Hi PR | 263 | 264 | 266 | - | 304 | 305 | 307 | - | 347 | 348 | 350 | - | 393 | 394 | 396 | - | 443 | 444 | 446 | - | 496 | 497 | 499 | - | | | | | | | | | | | | |
| | Lo PR | 130 | 132 | 135 | - | 138 | 139 | 142 | - | 144 | 146 | 149 | - | 150 | 152 | 155 | - | 156 | 157 | 161 | - | 163 | 164 | 168 | - | | | | | | | | | | | | |
| | MBh | 42.9 | 43.5 | 44.7 | - | 42.6 | 43.1 | 44.4 | - | 41.5 | 42.1 | 43.3 | - | 39.6 | 40.2 | 41.4 | - | 37.4 | 37.9 | 39.2 | - | 35.3 | 35.9 | 37.1 | - | | | | | | | | | | | | |
| 75 | 1300 | S/T | 0.69 | 0.62 | 0.48 | - | 0.70 | 0.62 | 0.49 | - | 1.00 | 0.65 | 0.52 | - | 1.00 | 0.67 | 0.53 | - | 1.00 | 0.69 | 0.56 | - | 1.00 | 1.00 | 0.61 | - | | | | | | | | | | | |
| | | ΔT | 12.07 | 10.78 | 8.38 | - | 12.03 | 10.75 | 8.35 | - | 12.21 | 10.93 | 8.53 | - | 12.02 | 10.73 | 8.33 | - | 11.85 | 10.56 | 8.16 | - | 12.65 | 11.37 | 8.97 | - | | | | | | | | | | | |
| | | kW | 2.74 | 2.74 | 2.73 | - | 3.08 | 3.08 | 3.08 | - | 3.47 | 3.47 | 3.46 | - | 3.89 | 3.88 | 3.88 | - | 4.35 | 4.35 | 4.34 | - | 4.90 | 4.89 | 4.89 | - | | | | | | | | | | | |
| | | Amps | 11.07 | 11.06 | 11.03 | - | 12.65 | 12.63 | 12.61 | - | 14.41 | 14.39 | 14.37 | - | 16.31 | 16.30 | 16.27 | - | 18.44 | 18.43 | 18.40 | - | 20.94 | 20.92 | 20.90 | - | | | | | | | | | | | |
| | | Hi PR | 265 | 266 | 268 | - | 306 | 307 | 309 | - | 349 | 350 | 352 | - | 395 | 396 | 398 | - | 445 | 446 | 448 | - | 498 | 499 | 501 | - | | | | | | | | | | | |
| | 1400 | Lo PR | 132 | 134 | 137 | - | 140 | 142 | 145 | - | 147 | 148 | 152 | - | 153 | 154 | 157 | - | 158 | 160 | 163 | - | 165 | 167 | 170 | - | | | | | | | | | | | |
| | | MBh | 41.8 | 42.4 | 43.6 | 45.5 | 41.4 | 42.0 | 43.2 | 45.1 | 40.3 | 40.9 | 42.1 | 44.0 | 38.5 | 39.1 | 40.3 | 42.2 | 36.2 | 36.8 | 38.0 | 39.9 | 34.1 | 34.7 | 36.0 | 37.8 | | | | | | | | | | | |
| | | S/T | 0.77 | 0.70 | 0.57 | 0.4 | 1.00 | 0.71 | 0.57 | 0.4 | 1.00 | 0.73 | 0.60 | 0.5 | 1.00 | 0.75 | 0.62 | 0.5 | 1.00 | 0.77 | 0.64 | 0.5 | 1.00 | 1.00 | 0.69 | 0.5 | | | | | | | | | | | |
| | | ΔT | 15.96 | 14.67 | 12.27 | 9.8 | 15.92 | 14.63 | 12.23 | 9.7 | 16.10 | 14.82 | 12.41 | 9.9 | 15.91 | 14.62 | 12.22 | 9.7 | 15.74 | 14.45 | 12.05 | 9.6 | 16.54 | 15.26 | 12.85 | 10.4 | | | | | | | | | | | |
| | | kW | 2.71 | 2.71 | 2.71 | 2.7 | 3.06 | 3.06 | 3.05 | 3.1 | 3.44 | 3.44 | 3.43 | 3.5 | 3.86 | 3.86 | 3.85 | 3.9 | 4.32 | 4.32 | 4.32 | 4.3 | 4.87 | 4.87 | 4.86 | 4.9 | | | | | | | | | | | |
| 1575 | Amps | 10.95 | 10.94 | 10.91 | 11.0 | 12.53 | 12.51 | 12.49 | 12.6 | 14.29 | 14.27 | 14.25 | 14.4 | 16.19 | 16.18 | 16.15 | 16.3 | 18.32 | 18.31 | 18.28 | 18.4 | 20.82 | 20.80 | 20.78 | 20.9 | | | | | | | | | | | | |
| | Hi PR | 262 | 263 | 265 | 269.3 | 303 | 304 | 306 | 310.2 | 346 | 347 | 349 | 353.0 | 392 | 393 | 395 | 399.2 | 442 | 443 | 444 | 449.0 | 495 | 496 | 498 | 502.1 | | | | | | | | | | | | |
| | Lo PR | 129 | 130 | 134 | 138.9 | 136 | 138 | 141 | 146.7 | 143 | 145 | 148 | 153.4 | 149 | 151 | 154 | 159.1 | 155 | 156 | 159 | 164.7 | 162 | 163 | 166 | 171.8 | | | | | | | | | | | | |
| | MBh | 42.2 | 42.7 | 44.0 | 45.8 | 41.8 | 42.4 | 43.6 | 45.5 | 40.7 | 41.3 | 42.5 | 44.4 | 38.9 | 39.4 | 40.7 | 42.6 | 36.6 | 37.2 | 38.4 | 40.3 | 34.5 | 35.1 | 36.3 | 38.2 | | | | | | | | | | | | |
| | S/T | 0.80 | 0.72 | 0.59 | 0.5 | 1.00 | 0.73 | 0.60 | 0.5 | 1.00 | 0.75 | 0.62 | 0.5 | 1.00 | 0.77 | 0.64 | 0.5 | 1.00 | 1.00 | 0.66 | 0.5 | 1.00 | 1.00 | 0.71 | 0.6 | | | | | | | | | | | | |
| 1400 | ΔT | 15.54 | 14.26 | 11.86 | 9.4 | 15.51 | 14.22 | 11.82 | 9.3 | 15.69 | 14.40 | 12.00 | 9.5 | 15.49 | 14.21 | 11.81 | 9.3 | 15.32 | 14.04 | 11.64 | 9.1 | 16.13 | 14.84 | 12.44 | 10.0 | | | | | | | | | | | | |
| | kW | 2.72 | 2.72 | 2.71 | 2.7 | 3.07 | 3.06 | 3.06 | 3.1 | 3.45 | 3.45 | 3.44 | 3.5 | 3.87 | 3.87 | 3.86 | 3.9 | 4.33 | 4.33 | 4.32 | 4.4 | 4.88 | 4.88 | 4.87 | 4.9 | | | | | | | | | | | | |
| | Amps | 10.99 | 10.98 | 10.95 | 11.1 | 12.57 | 12.56 | 12.53 | 12.7 | 14.33 | 14.32 | 14.29 | 14.4 | 16.23 | 16.22 | 16.19 | 16.3 | 18.36 | 18.35 | 18.32 | 18.4 | 20.86 | 20.85 | 20.82 | 20.9 | | | | | | | | | | | | |
| | Hi PR | 263 | 264 | 266 | 270.6 | 304 | 305 | 307 | 311.5 | 347 | 348 | 350 | 354.4 | 393 | 394 | 396 | 400.5 | 443 | 444 | 446 | 450.3 | 496 | 497 | 499 | 503.4 | | | | | | | | | | | | |
| | Lo PR | 130 | 132 | 135 | 140.2 | 138 | 139 | 142 | 147.9 | 144 | 146 | 149 | 154.7 | 150 | 152 | 155 | 160.4 | 156 | 157 | 161 | 166.0 | 163 | 164 | 168 | 173.0 | | | | | | | | | | | | |
| 1575 | MBh | 42.9 | 43.5 | 44.8 | 46.6 | 42.6 | 43.2 | 44.4 | 46.3 | 41.5 | 42.1 | 43.3 | 45.2 | 39.6 | 40.2 | 41.5 | 43.3 | 37.4 | 38.0 | 39.2 | 41.1 | 35.3 | 35.9 | 37.1 | 39.0 | | | | | | | | | | | | |
| | S/T | 0.82 | 0.74 | 0.61 | 0.5 | 1.00 | 0.75 | 0.62 | 0.5 | 1.00 | 0.77 | 0.64 | 0.5 | 1.00 | 0.79 | 0.66 | 0.5 | 1.00 | 1.00 | 0.68 | 0.5 | 1.00 | 1.00 | 0.73 | 0.6 | | | | | | | | | | | | |
| | ΔT | 14.89 | 13.61 | 11.21 | 8.7 | 14.86 | 13.57 | 11.17 | 8.7 | 15.04 | 13.75 | 11.35 | 8.9 | 14.85 | 13.56 | 11.16 | 8.7 | 14.67 | 13.39 | 10.99 | 8.5 | 15.48 | 14.19 | 11.79 | 9.3 | | | | | | | | | | | | |
| | kW | 2.74 | 2.73 | 2.73 | 2.8 | 3.08 | 3.08 | 3.07 | 3.1 | 3.47 | 3.46 | 3.46 | 3.5 | 3.88 | 3.88 | 3.87 | 3.9 | 4.35 | 4.35 | 4.34 | 4.4 | 4.89 | 4.89 | 4.88 | 4.9 | | | | | | | | | | | | |
| | Amps | 11.06 | 11.05 | 11.02 | 11.1 | 12.64 | 12.62 | 12.60 | 12.7 | 14.40 | 14.38 | 14.36 | 14.5 | 16.30 | 16.29 | 16.26 | 16.4 | 18.43 | 18.42 | 18.39 | 18.5 | 20.93 | 20.91 | 20.89 | 21.0 | | | | | | | | | | | | |
| 1575 | Hi PR | 265 | 267 | 268 | 272.9 | 306 | 307 | 309 | 313.8 | 349 | 350 | 352 | 356.7 | 395 | 397 | 398 | 402.9 | 445 | 446 | 448 | 452.6 | 498 | 499 | 501 | 505.8 | | | | | | | | | | | | |
| | Lo PR | 132 | 134 | 137 | 142.6 | 140 | 142 | 145 | 150.3 | 147 | 148 | 152 | 157.1 | 153 | 154 | 157 | 162.8 | 158 | 160 | 163 | 168.4 | 165 | 167 | 170 | 175.4 | | | | | | | | | | | | |

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

| 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 |
| 1300 | MBh | 42.0 | 42.6 | 43.8 | 45.7 | 41.6 | 42.2 | 43.4 | 45.3 | 40.5 | 41.1 | 42.4 | 44.2 | 38.7 | 39.3 | 40.5 | 42.4 | 36.4 | 37.0 | 38.2 | 40.1 | 34.4 | 34.9 | 36.2 | 38.1 |
| | S/T | 1.00 | 0.82 | 0.69 | 0.6 | 1.00 | 0.83 | 0.70 | 0.6 | 1.00 | 1.00 | 0.72 | 0.6 | 1.00 | 1.00 | 0.74 | 0.6 | 1.00 | 1.00 | 0.76 | 0.6 | 1.00 | 1.00 | 0.81 | 0.7 |
| | ΔT | 18.80 | 17.52 | 15.12 | 12.6 | 18.77 | 17.48 | 15.08 | 12.6 | 18.95 | 17.66 | 15.26 | 12.8 | 18.75 | 17.47 | 15.07 | 12.6 | 18.58 | 17.30 | 14.90 | 12.4 | 19.39 | 18.10 | 15.70 | 13.2 |
| | kW | 2.72 | 2.71 | 2.71 | 2.7 | 3.06 | 3.06 | 3.05 | 3.1 | 3.44 | 3.44 | 3.44 | 3.5 | 3.86 | 3.86 | 3.85 | 3.9 | 4.33 | 4.32 | 4.32 | 4.3 | 4.87 | 4.87 | 4.86 | 4.9 |
| | Amps | 10.96 | 10.94 | 10.92 | 11.0 | 12.53 | 12.52 | 12.49 | 12.6 | 14.29 | 14.28 | 14.25 | 14.4 | 16.20 | 16.19 | 16.16 | 16.3 | 18.33 | 18.31 | 18.29 | 18.4 | 20.82 | 20.81 | 20.78 | 20.9 |
| | Hi PR | 262 | 263 | 265 | 269.7 | 303 | 304 | 306 | 310.7 | 346 | 347 | 349 | 353.5 | 392 | 393 | 395 | 399.7 | 442 | 443 | 445 | 449.5 | 495 | 496 | 498 | 502.6 |
| | Lo PR | 129 | 131 | 134 | 139.5 | 137 | 139 | 142 | 147.2 | 144 | 145 | 149 | 154.0 | 149 | 151 | 154 | 159.7 | 155 | 157 | 160 | 165.3 | 162 | 164 | 167 | 172.3 |
| | MBh | 42.4 | 43.0 | 44.2 | 46.1 | 42.0 | 42.6 | 43.8 | 45.7 | 40.9 | 41.5 | 42.7 | 44.6 | 39.1 | 39.7 | 40.9 | 42.8 | 36.8 | 37.4 | 38.6 | 40.5 | 34.7 | 35.3 | 36.6 | 38.4 |
| | S/T | 1.00 | 0.84 | 0.71 | 0.6 | 1.00 | 0.85 | 0.72 | 0.6 | 1.00 | 1.00 | 0.74 | 0.6 | 1.00 | 1.00 | 0.76 | 0.6 | 1.00 | 1.00 | 0.78 | 0.6 | 1.00 | 1.00 | 1.00 | 0.7 |
| | ΔT | 18.39 | 17.10 | 14.70 | 12.2 | 18.35 | 17.07 | 14.67 | 12.2 | 18.53 | 17.25 | 14.85 | 12.4 | 18.34 | 17.06 | 14.65 | 12.2 | 18.17 | 16.88 | 14.48 | 12.0 | 18.97 | 17.69 | 15.29 | 12.8 |
| kW | 2.72 | 2.72 | 2.72 | 2.7 | 3.07 | 3.07 | 3.06 | 3.1 | 3.45 | 3.45 | 3.45 | 3.5 | 3.87 | 3.87 | 3.86 | 3.9 | 4.33 | 4.33 | 4.33 | 4.4 | 4.88 | 4.88 | 4.87 | 4.9 | |
| Amps | 11.00 | 10.99 | 10.96 | 11.1 | 12.58 | 12.56 | 12.54 | 12.7 | 14.34 | 14.32 | 14.30 | 14.4 | 16.24 | 16.23 | 16.20 | 16.3 | 18.37 | 18.36 | 18.33 | 18.5 | 20.87 | 20.86 | 20.83 | 20.9 | |
| Hi PR | 264 | 265 | 267 | 271.0 | 304 | 306 | 307 | 312.0 | 347 | 348 | 350 | 354.8 | 394 | 395 | 396 | 401.0 | 443 | 444 | 446 | 450.8 | 496 | 498 | 499 | 503.9 | |
| Lo PR | 131 | 132 | 135 | 140.7 | 138 | 140 | 143 | 148.5 | 145 | 147 | 150 | 155.2 | 151 | 152 | 156 | 160.9 | 156 | 158 | 161 | 166.5 | 163 | 165 | 168 | 173.6 | |
| MBh | 43.2 | 43.7 | 45.0 | 46.9 | 42.8 | 43.4 | 44.6 | 46.5 | 41.7 | 42.3 | 43.5 | 45.4 | 39.9 | 40.4 | 41.7 | 43.6 | 37.6 | 38.2 | 39.4 | 41.3 | 35.5 | 36.1 | 37.3 | 39.2 | |
| S/T | 1.00 | 0.86 | 0.73 | 0.6 | 1.00 | 0.87 | 0.74 | 0.6 | 1.00 | 1.00 | 0.76 | 0.6 | 1.00 | 1.00 | 0.78 | 0.6 | 1.00 | 1.00 | 0.80 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 | |
| ΔT | 17.74 | 16.46 | 14.05 | 11.6 | 17.71 | 16.42 | 14.02 | 11.5 | 17.89 | 16.60 | 14.20 | 11.7 | 17.69 | 16.41 | 14.01 | 11.5 | 17.52 | 16.24 | 13.83 | 11.3 | 18.33 | 17.04 | 14.64 | 12.2 | |
| kW | 2.74 | 2.74 | 2.73 | 2.8 | 3.08 | 3.08 | 3.08 | 3.1 | 3.47 | 3.47 | 3.46 | 3.5 | 3.88 | 3.88 | 3.88 | 3.9 | 4.35 | 4.35 | 4.34 | 4.4 | 4.90 | 4.89 | 4.89 | 4.9 | |
| Amps | 11.07 | 11.06 | 11.03 | 11.1 | 12.64 | 12.63 | 12.61 | 12.7 | 14.41 | 14.39 | 14.37 | 14.5 | 16.31 | 16.30 | 16.27 | 16.4 | 18.44 | 18.43 | 18.40 | 18.5 | 20.94 | 20.92 | 20.90 | 21.0 | |
| Hi PR | 266 | 267 | 269 | 273.4 | 307 | 308 | 310 | 314.3 | 350 | 351 | 353 | 357.2 | 396 | 397 | 399 | 403.3 | 446 | 447 | 449 | 453.1 | 499 | 500 | 502 | 506.2 | |
| Lo PR | 133 | 135 | 138 | 143.2 | 141 | 142 | 145 | 150.9 | 147 | 149 | 152 | 157.6 | 153 | 155 | 158 | 163.4 | 159 | 160 | 164 | 169.0 | 166 | 167 | 171 | 176.0 | |
| 1460 | MBh | 42.3 | 43.1 | 45.2 | 48.2 | 41.3 | 42.1 | 44.1 | 47.1 | 40.3 | 41.1 | 43.1 | 45.9 | 39.4 | 40.1 | 42.0 | 44.8 | 37.4 | 38.1 | 39.9 | 42.6 | 34.6 | 35.3 | 37.0 | 39.4 |
| | S/T | 0.95 | 0.92 | 0.83 | 0.7 | 0.98 | 0.95 | 0.86 | 0.7 | 1.00 | 0.97 | 0.88 | 0.7 | 1.00 | 1.00 | 0.91 | 0.7 | 1.00 | 1.00 | 0.94 | 0.8 | 1.00 | 1.00 | 0.95 | 0.8 |
| | ΔT | 25 | 25 | 24 | 20 | 26 | 25 | 24 | 21 | 25 | 25 | 24 | 21 | 25 | 25 | 24 | 21 | 24 | 24 | 24 | 20 | 22 | 22 | 22 | 19.1 |
| | kW | 2.89 | 2.96 | 3.05 | 3.1 | 3.12 | 3.19 | 3.29 | 3.4 | 3.32 | 3.39 | 3.51 | 3.6 | 3.50 | 3.57 | 3.69 | 3.8 | 3.65 | 3.73 | 3.85 | 4.0 | 3.78 | 3.86 | 3.99 | 4.1 |
| | Amps | 13.4 | 13.6 | 14.0 | 14.5 | 14.3 | 14.6 | 15.0 | 15.5 | 15.3 | 15.7 | 16.1 | 16.7 | 16.3 | 16.6 | 17.1 | 17.7 | 17.2 | 17.6 | 18.1 | 18.7 | 18.1 | 18.5 | 19.1 | 19.7 |
| | Hi PR | 259 | 279 | 294 | 307.2 | 291 | 313 | 330 | 344.7 | 331 | 356 | 376 | 392.0 | 377 | 405 | 428 | 446.4 | 424 | 456 | 482 | 502.2 | 468 | 504 | 532 | 554.9 |
| | Lo PR | 112 | 119 | 130 | 138.2 | 118 | 126 | 137 | 146.0 | 123 | 130 | 142 | 151.7 | 129 | 137 | 150 | 159.4 | 135 | 144 | 157 | 167.0 | 140 | 149 | 162 | 172.8 |
| | MBh | 41.1 | 41.9 | 43.9 | 46.8 | 40.1 | 40.9 | 42.8 | 45.7 | 39.2 | 39.9 | 41.8 | 44.6 | 38.2 | 39.0 | 40.8 | 43.5 | 36.3 | 37.0 | 38.8 | 41.3 | 33.6 | 34.3 | 35.9 | 38.3 |
| | S/T | 0.90 | 0.87 | 0.79 | 0.6 | 0.94 | 0.90 | 0.82 | 0.7 | 0.96 | 0.93 | 0.84 | 0.7 | 0.99 | 0.96 | 0.86 | 0.7 | 1.00 | 0.99 | 0.90 | 0.7 | 1.00 | 1.00 | 0.90 | 0.7 |
| | ΔT | 26 | 26 | 24 | 21 | 27 | 26 | 25 | 21 | 27 | 26 | 25 | 21 | 27 | 26 | 25 | 22 | 26 | 26 | 25 | 21 | 24 | 24 | 23 | 19.9 |
| kW | 2.87 | 2.93 | 3.03 | 3.1 | 3.09 | 3.16 | 3.26 | 3.4 | 3.29 | 3.37 | 3.48 | 3.6 | 3.47 | 3.54 | 3.66 | 3.8 | 3.62 | 3.70 | 3.82 | 4.0 | 3.74 | 3.83 | 3.96 | 4.1 | |
| Amps | 13.3 | 13.5 | 13.9 | 14.3 | 14.2 | 14.5 | 14.9 | 15.4 | 15.2 | 15.5 | 16.0 | 16.5 | 16.1 | 16.5 | 17.0 | 17.5 | 17.1 | 17.4 | 17.9 | 18.6 | 18.0 | 18.3 | 18.9 | 19.5 | |
| Hi PR | 257 | 276 | 292 | 304.1 | 288 | 310 | 327 | 341.2 | 327 | 352 | 372 | 388.1 | 373 | 401 | 424 | 442.0 | 420 | 452 | 477 | 497.3 | 464 | 499 | 527 | 549.4 | |
| Lo PR | 111 | 118 | 128 | 136.8 | 117 | 124 | 136 | 144.5 | 121 | 129 | 141 | 150.2 | 128 | 136 | 148 | 157.8 | 134 | 142 | 155 | 165.4 | 138 | 147 | 161 | 171.1 | |
| MBh | 37.9 | 38.6 | 40.5 | 43.2 | 37.0 | 37.7 | 39.5 | 42.2 | 36.2 | 36.9 | 38.6 | 41.2 | 35.3 | 36.0 | 37.7 | 40.2 | 33.5 | 34.2 | 35.8 | 38.2 | 31.0 | 31.6 | 33.1 | 35.4 | |
| S/T | 0.87 | 0.84 | 0.76 | 0.6 | 0.90 | 0.87 | 0.79 | 0.6 | 0.93 | 0.89 | 0.81 | 0.7 | 0.96 | 0.92 | 0.83 | 0.7 | 0.99 | 0.96 | 0.87 | 0.7 | 1.00 | 0.97 | 0.87 | 0.7 | |
| ΔT | 27 | 26 | 25 | 21 | 27 | 27 | 25 | 22 | 27 | 27 | 25 | 22 | 27 | 27 | 25 | 22 | 27 | 26 | 25 | 22 | 25 | 25 | 23 | 20.2 | |
| kW | 2.80 | 2.86 | 2.95 | 3.0 | 3.02 | 3.08 | 3.18 | 3.3 | 3.21 | 3.28 | 3.39 | 3.5 | 3.38 | 3.45 | 3.57 | 3.7 | 3.52 | 3.60 | 3.72 | 3.9 | 3.65 | 3.73 | 3.86 | 4.0 | |
| Amps | 13.0 | 13.2 | 13.6 | 14.0 | 13.8 | 14.1 | 14.5 | 15.0 | 14.9 | 15.2 | 15.6 | 16.1 | 15.7 | 16.1 | 16.6 | 17.1 | 16.6 | 17.0 | 17.5 | 18.1 | 17.5 | 17.9 | 18.4 | 19.1 | |
| Hi PR | 249 | 268 | 283 | 295.0 | 279 | 301 | 317 | 331.0 | 318 | 342 | 361 | 376.5 | 362 | 389 | 411 | 428.8 | 407 | 438 | 462 | 482.4 | 450 | 484 | 511 | 532.9 | |
| Lo PR | 107 | 114 | 125 | 132.7 | 113 | 121 | 132 | 140.2 | 118 | 125 | 137 | 145.7 | 124 | 132 | 144 | 153.1 | 130 | 138 | 151 | 160.4 | 134 | 143 | 156 | 165.9 | |

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

| IDB | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | 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 |
| 1400 | MBh | 48.3 | 49.0 | 50.5 | 52.7 | 47.9 | 48.6 | 50.0 | 52.3 | 46.7 | 47.3 | 48.8 | 51.0 | 44.5 | 45.2 | 46.6 | 48.8 | 41.8 | 42.5 | 43.9 | 46.6 | 39.4 | 40.1 | 41.5 | 44.1 |
| | S/T | 0.60 | 0.53 | 0.39 | 0.4 | 0.61 | 0.53 | 0.40 | 0.4 | 0.63 | 0.56 | 0.42 | 0.4 | 1.00 | 0.58 | 0.44 | 0.4 | 1.00 | 0.60 | 0.46 | 0.4 | 1.00 | 0.65 | 0.51 | 0.4 |
| | ΔT | 13.35 | 12.11 | 9.81 | 10.1 | 13.32 | 12.08 | 9.78 | 10.1 | 13.49 | 12.25 | 9.95 | 10.3 | 13.30 | 12.07 | 9.76 | 10.1 | 13.14 | 11.90 | 9.60 | 9.60 | 13.91 | 12.68 | 10.37 | 10.7 |
| | kW | 3.22 | 3.21 | 3.21 | 3.2 | 3.60 | 3.60 | 3.59 | 3.6 | 4.04 | 4.03 | 4.03 | 4.1 | 4.51 | 4.50 | 4.50 | 4.5 | 5.03 | 5.03 | 5.02 | 5.02 | 5.64 | 5.64 | 5.64 | 5.64 |
| | Amps | 12.46 | 12.44 | 12.41 | 12.4 | 14.23 | 14.22 | 14.19 | 14.3 | 16.22 | 16.20 | 16.17 | 16.3 | 18.36 | 18.35 | 18.32 | 18.4 | 20.76 | 20.75 | 20.72 | 20.72 | 23.57 | 23.56 | 23.53 | 23.7 |
| | Hi PR | 264 | 265 | 267 | 271.6 | 305 | 307 | 308 | 313.2 | 349 | 350 | 352 | 356.8 | 396 | 397 | 399 | 403.8 | 447 | 448 | 450 | 454.4 | 501 | 502 | 504 | 508.4 |
| | Lo PR | 128 | 129 | 131 | 135.9 | 133 | 135 | 138 | 143.6 | 142 | 144 | 147 | 151.5 | 148 | 149 | 152 | 155.9 | 153 | 155 | 158 | 161.5 | 160 | 162 | 165 | 168.4 |
| | MBh | 49.7 | 50.4 | 51.8 | 53.3 | 49.3 | 50.0 | 51.4 | 52.9 | 48.0 | 48.7 | 50.2 | 51.6 | 45.1 | 45.8 | 47.2 | 49.5 | 42.5 | 43.2 | 44.6 | 46.8 | 40.0 | 40.7 | 42.1 | 44.4 |
| | S/T | 0.69 | 0.62 | 0.48 | 0.4 | 0.70 | 0.62 | 0.49 | 0.4 | 1.00 | 0.65 | 0.52 | 0.5 | 1.00 | 0.67 | 0.53 | 0.5 | 1.00 | 0.69 | 0.56 | 0.5 | 1.00 | 1.00 | 0.61 | 0.6 |
| | ΔT | 11.98 | 10.74 | 8.44 | 8.4 | 11.94 | 10.71 | 8.40 | 8.4 | 12.12 | 10.88 | 8.58 | 8.58 | 11.93 | 10.69 | 8.39 | 8.58 | 11.76 | 10.53 | 8.22 | 8.22 | 12.54 | 11.30 | 9.00 | 10.7 |
| | kW | 3.25 | 3.25 | 3.24 | 3.2 | 3.64 | 3.64 | 3.63 | 3.6 | 4.07 | 4.07 | 4.06 | 4.1 | 4.54 | 4.54 | 4.53 | 4.5 | 5.07 | 5.06 | 5.06 | 5.06 | 5.68 | 5.68 | 5.67 | 5.7 |
| | Amps | 12.63 | 12.61 | 12.58 | 12.5 | 14.40 | 14.39 | 14.36 | 14.4 | 16.39 | 16.37 | 16.34 | 16.4 | 18.53 | 18.52 | 18.49 | 18.5 | 20.93 | 20.92 | 20.89 | 20.89 | 23.74 | 23.73 | 23.70 | 23.7 |
| Hi PR | 268 | 269 | 271 | 276.0 | 310 | 311 | 313 | 317.6 | 353 | 355 | 356 | 361.3 | 400 | 402 | 403 | 408.2 | 451 | 452 | 454 | 454 | 505 | 506 | 508 | 508 | |
| Lo PR | 130 | 131 | 134 | 139.8 | 137 | 139 | 142 | 147.5 | 144 | 146 | 149 | 154.2 | 150 | 151 | 154 | 159.8 | 155 | 157 | 160 | 165.4 | 162 | 164 | 167 | 172.3 | |
| 1600 | MBh | 48.4 | 49.0 | 50.5 | 52.7 | 47.9 | 48.6 | 50.0 | 52.3 | 46.7 | 47.3 | 48.8 | 51.0 | 44.5 | 45.2 | 46.6 | 48.8 | 41.8 | 42.5 | 43.9 | 46.6 | 39.4 | 40.1 | 41.5 | 44.1 |
| | S/T | 0.73 | 0.65 | 0.52 | 0.4 | 1.00 | 0.66 | 0.53 | 0.4 | 1.00 | 0.68 | 0.55 | 0.4 | 1.00 | 0.70 | 0.57 | 0.4 | 1.00 | 0.73 | 0.59 | 0.4 | 1.00 | 1.00 | 0.64 | 0.5 |
| | ΔT | 16.06 | 14.83 | 12.52 | 10.1 | 16.03 | 14.80 | 12.49 | 10.1 | 16.20 | 14.97 | 12.66 | 10.3 | 16.02 | 14.78 | 12.48 | 10.1 | 15.85 | 14.62 | 12.31 | 9.9 | 16.63 | 15.39 | 13.09 | 10.7 |
| | kW | 3.21 | 3.21 | 3.20 | 3.2 | 3.60 | 3.60 | 3.59 | 3.6 | 4.03 | 4.03 | 4.03 | 4.1 | 4.50 | 4.50 | 4.49 | 4.5 | 5.03 | 5.02 | 5.02 | 5.0 | 5.64 | 5.64 | 5.63 | 5.7 |
| | Amps | 12.44 | 12.43 | 12.40 | 12.5 | 14.22 | 14.21 | 14.18 | 14.3 | 16.20 | 16.19 | 16.16 | 16.3 | 18.35 | 18.34 | 18.31 | 18.4 | 20.75 | 20.73 | 20.70 | 20.8 | 23.56 | 23.55 | 23.52 | 23.7 |
| | Hi PR | 264 | 265 | 267 | 271.6 | 306 | 307 | 309 | 313.2 | 349 | 350 | 352 | 356.8 | 396 | 397 | 399 | 403.8 | 447 | 448 | 450 | 454.4 | 501 | 502 | 504 | 508.4 |
| | Lo PR | 126 | 127 | 131 | 135.9 | 133 | 135 | 138 | 143.6 | 140 | 142 | 145 | 150.3 | 146 | 147 | 151 | 155.9 | 151 | 153 | 156 | 161.5 | 158 | 160 | 163 | 168.4 |
| | MBh | 49.0 | 49.7 | 51.1 | 53.3 | 48.6 | 49.2 | 50.7 | 52.9 | 47.3 | 48.0 | 49.4 | 51.6 | 45.1 | 45.8 | 47.2 | 49.5 | 42.5 | 43.2 | 44.6 | 46.8 | 40.0 | 40.7 | 42.1 | 44.4 |
| | S/T | 0.79 | 0.71 | 0.58 | 0.4 | 1.00 | 0.72 | 0.58 | 0.4 | 1.00 | 0.74 | 0.61 | 0.5 | 1.00 | 0.76 | 0.63 | 0.5 | 1.00 | 1.00 | 0.65 | 0.5 | 1.00 | 1.00 | 0.70 | 0.6 |
| | ΔT | 15.32 | 14.08 | 11.78 | 9.4 | 15.28 | 14.05 | 11.74 | 9.4 | 15.46 | 14.22 | 11.92 | 9.5 | 15.27 | 14.04 | 11.73 | 9.3 | 15.11 | 13.87 | 11.57 | 9.2 | 15.88 | 14.64 | 12.34 | 10.0 |
| | kW | 3.23 | 3.23 | 3.22 | 3.2 | 3.62 | 3.62 | 3.61 | 3.6 | 4.05 | 4.05 | 4.05 | 4.1 | 4.52 | 4.52 | 4.51 | 4.5 | 5.05 | 5.04 | 5.04 | 5.1 | 5.66 | 5.66 | 5.65 | 5.7 |
| | Amps | 12.54 | 12.52 | 12.49 | 12.6 | 14.31 | 14.30 | 14.27 | 14.4 | 16.30 | 16.28 | 16.25 | 16.4 | 18.44 | 18.43 | 18.40 | 18.5 | 20.84 | 20.83 | 20.80 | 20.9 | 23.65 | 23.64 | 23.61 | 23.7 |
| Hi PR | 266 | 267 | 269 | 273.8 | 308 | 309 | 311 | 315.5 | 351 | 353 | 354 | 359.1 | 398 | 400 | 401 | 406.0 | 449 | 450 | 452 | 456.7 | 503 | 504 | 506 | 510.7 | |
| Lo PR | 128 | 129 | 132 | 137.8 | 135 | 137 | 140 | 145.4 | 142 | 144 | 147 | 152.1 | 148 | 149 | 152 | 157.8 | 153 | 155 | 158 | 163.3 | 160 | 162 | 165 | 170.3 | |
| 1800 | MBh | 49.8 | 50.4 | 51.9 | 54.1 | 49.3 | 50.0 | 51.4 | 53.6 | 48.1 | 48.7 | 50.2 | 52.4 | 45.9 | 46.6 | 48.0 | 50.2 | 43.2 | 43.9 | 45.4 | 47.6 | 40.8 | 41.5 | 42.9 | 45.1 |
| | S/T | 0.82 | 0.75 | 0.61 | 0.5 | 1.00 | 0.75 | 0.62 | 0.5 | 1.00 | 0.78 | 0.64 | 0.5 | 1.00 | 0.80 | 0.66 | 0.5 | 1.00 | 1.00 | 0.68 | 0.5 | 1.00 | 1.00 | 0.74 | 0.6 |
| | ΔT | 14.69 | 13.46 | 11.15 | 8.8 | 14.66 | 13.42 | 11.12 | 8.7 | 14.83 | 13.60 | 11.29 | 8.9 | 14.64 | 13.41 | 11.10 | 8.7 | 14.48 | 13.24 | 10.94 | 8.6 | 15.25 | 14.02 | 11.71 | 9.3 |
| | kW | 3.25 | 3.25 | 3.24 | 3.3 | 3.64 | 3.64 | 3.63 | 3.7 | 4.07 | 4.07 | 4.06 | 4.1 | 4.54 | 4.54 | 4.53 | 4.5 | 5.06 | 5.06 | 5.05 | 5.1 | 5.68 | 5.68 | 5.67 | 5.7 |
| | Amps | 12.61 | 12.60 | 12.57 | 12.7 | 14.39 | 14.38 | 14.35 | 14.5 | 16.37 | 16.36 | 16.33 | 16.5 | 18.52 | 18.51 | 18.48 | 18.6 | 20.92 | 20.90 | 20.87 | 21.0 | 23.73 | 23.72 | 23.69 | 23.8 |
| | Hi PR | 268 | 270 | 271 | 276.0 | 310 | 311 | 313 | 317.6 | 354 | 355 | 357 | 361.3 | 401 | 402 | 404 | 408.2 | 451 | 452 | 454 | 458.8 | 505 | 506 | 508 | 512.9 |
| | Lo PR | 130 | 131 | 134 | 139.8 | 137 | 139 | 142 | 147.5 | 144 | 146 | 149 | 154.2 | 150 | 151 | 154 | 159.8 | 155 | 157 | 160 | 165.4 | 162 | 164 | 167 | 172.3 |

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

| IDB | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | 115°F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 65°F | | | | | 75°F | | | | | 85°F | | | | | 95°F | | | | | 105°F | | | | | 115°F | | | | | | | | | | | | | | | | | | | | | | | |
| | | 59 | 63 | 67 | 71 | 75 | 59 | 63 | 67 | 71 | 75 | 59 | 63 | 67 | 71 | 75 | 59 | 63 | 67 | 71 | 75 | 59 | 63 | 67 | 71 | 75 | 59 | 63 | 67 | 71 | 75 | | | | | | | | | | | | | | | | | | | |
| 80 | 1400 | MBh | 48.6 | 49.3 | 50.7 | 52.9 | 48.2 | 48.9 | 50.3 | 52.5 | 54.2 | 46.9 | 47.6 | 49.0 | 51.2 | 44.7 | 45.4 | 46.9 | 49.1 | 42.1 | 42.8 | 44.2 | 46.4 | 39.7 | 40.3 | 41.8 | 44.0 | 1.00 | 0.78 | 0.64 | 0.5 | 1.00 | 0.81 | 0.67 | 0.5 | 1.00 | 1.00 | 0.72 | 0.6 | 1.00 | 1.00 | 0.72 | 0.6 | 1.00 | 1.00 | 0.77 | 0.6 | | | |
| | | S/T | 18.80 | 17.56 | 15.26 | 12.9 | 18.76 | 17.53 | 15.22 | 12.8 | 18.94 | 17.70 | 15.40 | 13.0 | 18.75 | 17.52 | 15.21 | 12.8 | 18.59 | 17.35 | 15.05 | 12.7 | 19.36 | 18.12 | 15.82 | 13.4 | 3.22 | 3.21 | 3.21 | 3.2 | 3.60 | 3.60 | 3.59 | 3.6 | 4.04 | 4.03 | 4.03 | 4.1 | 4.51 | 4.50 | 4.50 | 4.5 | 5.03 | 5.03 | 5.02 | 5.0 | 5.64 | 5.64 | 5.63 | 5.7 |
| | | kW | 12.45 | 12.44 | 12.41 | 12.5 | 14.23 | 14.22 | 14.19 | 14.3 | 16.21 | 16.20 | 16.17 | 16.3 | 18.36 | 18.35 | 18.32 | 18.5 | 20.76 | 20.74 | 20.71 | 20.8 | 23.57 | 23.56 | 23.53 | 23.7 | 264 | 266 | 267 | 272.1 | 306 | 307 | 309 | 313.7 | 350 | 351 | 353 | 357.3 | 397 | 398 | 400 | 404.3 | 447 | 448 | 450 | 454.9 | 501 | 502 | 504 | 508.9 |
| | | Amps | 126 | 128 | 131 | 136.5 | 134 | 136 | 139 | 144.1 | 141 | 142 | 145 | 150.8 | 146 | 148 | 151 | 156.5 | 152 | 153 | 157 | 162.0 | 159 | 160 | 164 | 169.0 | 49.2 | 49.9 | 51.4 | 53.6 | 48.8 | 49.5 | 50.9 | 53.1 | 47.5 | 48.2 | 49.7 | 51.9 | 45.4 | 46.1 | 47.5 | 49.7 | 42.7 | 43.4 | 44.8 | 47.1 | 40.3 | 41.0 | 42.4 | 44.6 |
| | | Hi-PR | 1.00 | 0.84 | 0.70 | 0.6 | 1.00 | 0.84 | 0.71 | 0.6 | 1.00 | 0.87 | 0.73 | 0.6 | 1.00 | 1.00 | 0.75 | 0.6 | 1.00 | 1.00 | 0.78 | 0.6 | 1.00 | 1.00 | 0.83 | 0.7 | 18.05 | 16.82 | 14.51 | 12.1 | 18.02 | 16.78 | 14.48 | 12.1 | 18.19 | 16.96 | 14.65 | 12.3 | 18.00 | 16.77 | 14.46 | 12.1 | 17.84 | 16.60 | 14.30 | 11.9 | 18.61 | 17.38 | 15.07 | 12.7 |
| | Lo-PR | 3.24 | 3.23 | 3.23 | 3.3 | 3.62 | 3.62 | 3.61 | 3.6 | 4.06 | 4.05 | 4.05 | 4.1 | 4.53 | 4.52 | 4.52 | 4.5 | 5.05 | 5.05 | 5.04 | 5.1 | 5.66 | 5.66 | 5.65 | 5.7 | 12.55 | 12.53 | 12.50 | 12.6 | 14.32 | 14.31 | 14.28 | 14.4 | 16.31 | 16.29 | 16.26 | 16.4 | 18.45 | 18.44 | 18.41 | 18.5 | 20.85 | 20.84 | 20.81 | 20.9 | 23.66 | 23.65 | 23.62 | 23.8 | |
| | Hi-PR | 267 | 268 | 270 | 274.3 | 308 | 310 | 311 | 316.0 | 352 | 353 | 355 | 359.6 | 399 | 400 | 402 | 406.5 | 450 | 451 | 453 | 457.1 | 504 | 505 | 507 | 511.2 | 128 | 130 | 133 | 138.3 | 136 | 137 | 141 | 146.0 | 143 | 144 | 147 | 152.7 | 148 | 150 | 153 | 158.3 | 154 | 155 | 159 | 163.9 | 161 | 162 | 165 | 170.9 | |
| | Lo-PR | 50.0 | 50.7 | 52.1 | 54.3 | 49.6 | 50.3 | 51.7 | 53.9 | 48.3 | 49.0 | 50.4 | 52.6 | 46.1 | 46.8 | 48.3 | 50.5 | 43.5 | 44.2 | 45.6 | 47.8 | 41.1 | 41.7 | 43.2 | 45.4 | 1.00 | 0.87 | 0.74 | 0.6 | 1.00 | 0.88 | 0.74 | 0.6 | 1.00 | 1.00 | 0.77 | 0.6 | 1.00 | 1.00 | 0.79 | 0.6 | 1.00 | 1.00 | 0.81 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 | |
| | Hi-PR | 17.42 | 16.19 | 13.88 | 11.5 | 17.39 | 16.15 | 13.85 | 11.5 | 17.56 | 16.33 | 14.02 | 11.6 | 17.38 | 16.14 | 13.84 | 11.4 | 17.21 | 15.98 | 13.67 | 11.3 | 17.98 | 16.75 | 14.44 | 12.1 | 3.25 | 3.25 | 3.24 | 3.3 | 3.64 | 3.64 | 3.63 | 3.7 | 4.07 | 4.07 | 4.06 | 4.1 | 4.54 | 4.54 | 4.53 | 4.6 | 5.07 | 5.06 | 5.06 | 5.1 | 5.68 | 5.68 | 5.67 | 5.7 | |
| | Lo-PR | 12.62 | 12.61 | 12.58 | 12.7 | 14.40 | 14.39 | 14.36 | 14.5 | 16.38 | 16.37 | 16.34 | 16.5 | 18.53 | 18.52 | 18.49 | 18.6 | 20.93 | 20.91 | 20.88 | 21.0 | 23.74 | 23.73 | 23.70 | 23.8 | 269 | 270 | 272 | 276.5 | 311 | 312 | 314 | 318.1 | 354 | 355 | 357 | 361.7 | 401 | 402 | 404 | 408.7 | 452 | 453 | 455 | 459.3 | 506 | 507 | 509 | 513.3 | |
| Lo-PR | 130 | 132 | 135 | 140.4 | 138 | 139 | 143 | 148.0 | 145 | 146 | 149 | 154.7 | 150 | 152 | 155 | 160.4 | 156 | 157 | 161 | 165.9 | 163 | 164 | 168 | 172.9 | 50.1 | 50.7 | 52.2 | 54.4 | 49.6 | 50.3 | 51.7 | 54.0 | 48.4 | 49.0 | 50.5 | 52.7 | 46.2 | 46.9 | 48.3 | 50.5 | 43.5 | 44.2 | 45.7 | 47.9 | 41.1 | 41.8 | 43.2 | 45.4 | | |
| 85 | 1400 | MBh | 49.4 | 50.1 | 51.5 | 53.7 | 49.0 | 49.7 | 51.1 | 53.3 | 47.7 | 48.4 | 49.9 | 52.1 | 45.6 | 46.2 | 47.7 | 49.9 | 42.9 | 43.6 | 45.0 | 47.2 | 40.5 | 41.2 | 42.6 | 44.8 | 1.00 | 0.88 | 0.74 | 0.6 | 1.00 | 1.00 | 0.77 | 0.6 | 1.00 | 1.00 | 0.77 | 0.6 | 1.00 | 1.00 | 0.79 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 |
| | | S/T | 21.22 | 19.99 | 17.68 | 15.3 | 21.19 | 19.95 | 17.65 | 15.3 | 21.36 | 20.13 | 17.82 | 15.4 | 21.17 | 19.94 | 17.63 | 15.2 | 21.01 | 19.77 | 17.47 | 15.1 | 21.78 | 20.55 | 18.24 | 15.9 | 3.22 | 3.22 | 3.21 | 3.2 | 3.61 | 3.61 | 3.60 | 3.6 | 4.04 | 4.04 | 4.03 | 4.1 | 4.51 | 4.51 | 4.50 | 4.5 | 5.04 | 5.03 | 5.03 | 5.1 | 5.65 | 5.65 | 5.64 | 5.7 |
| | | kW | 12.49 | 12.47 | 12.44 | 12.6 | 14.26 | 14.25 | 14.22 | 14.4 | 16.25 | 16.23 | 16.20 | 16.3 | 18.39 | 18.38 | 18.35 | 18.5 | 20.79 | 20.78 | 20.75 | 20.9 | 23.61 | 23.59 | 23.56 | 23.7 | 266 | 267 | 269 | 273.3 | 307 | 309 | 310 | 315.0 | 351 | 352 | 354 | 358.6 | 398 | 399 | 401 | 405.5 | 449 | 450 | 452 | 456.1 | 503 | 504 | 506 | 510.2 |
| | | Amps | 128 | 130 | 133 | 138.3 | 136 | 137 | 141 | 146.0 | 143 | 144 | 147 | 152.7 | 148 | 150 | 153 | 158.4 | 154 | 155 | 159 | 163.9 | 161 | 162 | 166 | 170.9 | 50.1 | 50.7 | 52.2 | 54.4 | 49.6 | 50.3 | 51.7 | 54.0 | 48.4 | 49.0 | 50.5 | 52.7 | 46.2 | 46.9 | 48.3 | 50.5 | 43.5 | 44.2 | 45.7 | 47.9 | 41.1 | 41.8 | 43.2 | 45.4 |
| | | Hi-PR | 1.00 | 0.94 | 0.80 | 0.7 | 1.00 | 1.00 | 0.81 | 0.7 | 1.00 | 1.00 | 0.83 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 | 1.00 | 1.00 | 0.83 | 0.7 | 1.00 | 1.00 | 0.83 | 0.7 | 20.47 | 19.24 | 16.93 | 14.5 | 20.44 | 19.21 | 16.90 | 14.5 | 20.61 | 19.38 | 17.07 | 14.7 | 20.43 | 19.19 | 16.89 | 14.5 | 20.26 | 19.03 | 16.72 | 14.3 | 21.04 | 19.80 | 17.50 | 15.1 |
| | Lo-PR | 3.24 | 3.24 | 3.23 | 3.3 | 3.63 | 3.63 | 3.62 | 3.7 | 4.06 | 4.06 | 4.05 | 4.1 | 4.53 | 4.53 | 4.52 | 4.6 | 5.06 | 5.05 | 5.05 | 5.1 | 5.67 | 5.67 | 5.66 | 5.7 | 12.58 | 12.57 | 12.54 | 12.7 | 14.36 | 14.34 | 14.31 | 14.4 | 16.34 | 16.33 | 16.30 | 16.4 | 18.49 | 18.47 | 18.44 | 18.6 | 20.88 | 20.87 | 20.84 | 21.0 | 23.70 | 23.68 | 23.65 | 23.8 | |
| | Hi-PR | 268 | 269 | 271 | 275.6 | 310 | 311 | 313 | 317.2 | 353 | 354 | 356 | 360.8 | 400 | 401 | 403 | 407.8 | 451 | 452 | 454 | 458.4 | 505 | 506 | 508 | 512.4 | 130 | 132 | 135 | 140.2 | 138 | 139 | 142 | 147.8 | 144 | 146 | 149 | 154.5 | 150 | 152 | 155 | 160.2 | 156 | 157 | 160 | 165.8 | 163 | 164 | 167 | 172.7 | |
| | Lo-PR | 50.8 | 51.5 | 52.9 | 55.1 | 50.4 | 51.1 | 52.5 | 54.7 | 49.1 | 49.8 | 51.2 | 53.5 | 47.0 | 47.6 | 49.1 | 51.3 | 44.3 | 45.0 | 46.4 | 48.6 | 41.9 | 42.6 | 44.0 | 46.2 | 1.00 | 0.97 | 0.84 | 0.7 | 1.00 | 1.00 | 0.84 | 0.7 | 1.00 | 1.00 | 0.87 | 0.7 | 1.00 | 1.00 | 0.89 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 | |
| | Hi-PR | 19.85 | 18.61 | 16.31 | 13.9 | 19.81 | 18.58 | 16.27 | 13.9 | 19.99 | 18.75 | 16.45 | 14.1 | 19.80 | 18.57 | 16.26 | 13.9 | 19.64 | 18.40 | 16.10 | 13.7 | 20.41 | 19.17 | 16.87 | 14.5 | 3.26 | 3.26 | 3.25 | 3.3 | 3.65 | 3.64 | 3.64 | 3.7 | 4.08 | 4.08 | 4.07 | 4.1 | 4.55 | 4.55 | 4.54 | 4.6 | 5.07 | 5.07 | 5.06 | 5.1 | 5.69 | 5.69 | 5.68 | 5.7 | |
| | Lo-PR | 12.66 | 12.64 | 12.61 | 12.7 | 14.43 | 14.42 | 14.39 | 14.5 | 16.42 | 16.40 | 16.37 | 16.5 | 18.56 | 18.55 | 18.52 | 18.7 | 20.96 | 20.95 | 20.92 | 21.1 | 23.77 | 23.76 | 23.73 | 23.9 | 270 | 271 | 273 | 277.7 | 312 | 313 | 315 | 319.4 | 355 | 357 | 358 | 363.0 | 402 | 403 | 405 | 409.9 | 453 | 454 | 456 | 460.6 | 507 | 508 | 510 | 514.6 | |
| Hi-PR | 132 | 134 | 137 | 142.2 | 140 | 141 | 145 | 149.9 | 146 | 148 | 151 | 156.6 | 152 | 154 | 157 | 162.3 | 158 | 159 | 162 | 167.8 | 165 | 166 | 169 | 174.8 | 50.1 | 50.7 | 52.2 | 54.4 | 49.6 | 50.3 | 51.7 | 54.0 | 48.4 | 49.0 | 50.5 | 52.7 | 46.2 | 46.9 | 48.3 | 50.5 | 43.5 | 44.2 | 45.7 | 47.9 | 41.1 | 41.8 | 43.2 | 45.4 | | |
| Lo-PR | 130 | 132 | 135 | 140.2 | 138 | 139 | 143 | 148.0 | 145 | 146 | 149 | 154.7 | 150 | 152 | 155 | 160.4 | 156 | 157 | 161 | 165.9 | 163 | 164 | 168 | 172.9 | 50.1 | 50.7 | 52.2 | 54.4 | 49.6 | 50.3 | 51.7 | 54.0 | 48.4 | 49.0 | 50.5 | 52.7 | 46.2 | 46.9 | 48.3 | 50.5 | 43.5 | 44.2 | 45.7 | 47.9 | 41.1 | 41.8 | 43.2 | 45.4 | | |

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

EXPANDED COOLING DATA — GPHM36041** — HIGH STAGE

| 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 | 1750 | MBh | 55.8 | 56.6 | 58.3 | - | 55.3 | 56.1 | 57.8 | - | 53.9 | 54.7 | 56.3 | - | 51.4 | 52.2 | 53.8 | - | 48.4 | 49.1 | 50.8 | - | 45.6 | 46.4 | 48.0 | - |
| | | S/T | 0.64 | 0.56 | 0.43 | - | 0.64 | 0.57 | 0.43 | - | 0.67 | 0.59 | 0.46 | - | 1.00 | 0.61 | 0.48 | - | 1.00 | 0.63 | 0.50 | - | 1.00 | 0.68 | 0.55 | - |
| | | ΔT | 18.91 | 17.10 | 13.73 | - | 18.86 | 17.06 | 13.68 | - | 19.12 | 17.31 | 13.93 | - | 18.85 | 17.04 | 13.66 | - | 18.60 | 16.80 | 13.42 | - | 19.74 | 17.93 | 14.55 | - |
| | | kW | 3.72 | 3.71 | 3.71 | - | 4.16 | 4.15 | 4.15 | - | 4.65 | 4.65 | 4.64 | - | 5.18 | 5.18 | 5.17 | - | 5.78 | 5.78 | 5.77 | - | 6.48 | 6.47 | 6.47 | - |
| | | Amps | 13.29 | 13.28 | 13.24 | - | 15.21 | 15.19 | 15.16 | - | 17.35 | 17.34 | 17.30 | - | 19.67 | 19.65 | 19.62 | - | 22.26 | 22.24 | 22.21 | - | 25.29 | 25.28 | 25.25 | - |
| | | Hi/PR | 283 | 284 | 286 | - | 327 | 328 | 330 | - | 373 | 375 | 377 | - | 423 | 425 | 427 | - | 477 | 479 | 481 | - | 535 | 536 | 538 | - |
| | Lo/PR | 124 | 126 | 129 | - | 132 | 133 | 136 | - | 138 | 140 | 143 | - | 144 | 145 | 149 | - | 149 | 151 | 154 | - | 156 | 158 | 161 | - | |
| | MBh | 56.2 | 57.0 | 58.6 | - | 55.7 | 56.5 | 58.1 | - | 54.2 | 55.0 | 56.7 | - | 51.7 | 52.5 | 54.2 | - | 48.7 | 49.5 | 51.1 | - | 45.9 | 46.7 | 48.4 | - | |
| | S/T | 0.66 | 0.58 | 0.45 | - | 0.66 | 0.59 | 0.45 | - | 0.69 | 0.61 | 0.48 | - | 1.00 | 0.63 | 0.50 | - | 1.00 | 0.65 | 0.52 | - | 1.00 | 0.71 | 0.57 | - | |
| | ΔT | 18.47 | 16.66 | 13.28 | - | 18.42 | 16.61 | 13.23 | - | 18.67 | 16.86 | 13.49 | - | 18.40 | 16.59 | 13.21 | - | 18.16 | 16.35 | 12.97 | - | 19.29 | 17.48 | 14.10 | - | |
| | kW | 3.73 | 3.72 | 3.72 | - | 4.17 | 4.16 | 4.16 | - | 4.66 | 4.66 | 4.65 | - | 5.19 | 5.19 | 5.18 | - | 5.79 | 5.78 | 5.78 | - | 6.49 | 6.48 | 6.48 | - | |
| | Amps | 13.33 | 13.32 | 13.28 | - | 15.25 | 15.23 | 15.20 | - | 17.39 | 17.38 | 17.34 | - | 19.71 | 19.69 | 19.66 | - | 22.30 | 22.28 | 22.25 | - | 25.34 | 25.32 | 25.29 | - | |
| Hi/PR | 284 | 285 | 287 | - | 328 | 329 | 331 | - | 374 | 376 | 378 | - | 424 | 426 | 428 | - | 478 | 480 | 482 | - | 536 | 537 | 539 | - | | |
| Lo/PR | 125 | 127 | 130 | - | 133 | 134 | 137 | - | 139 | 141 | 144 | - | 145 | 146 | 149 | - | 150 | 152 | 155 | - | 157 | 158 | 162 | - | | |
| MBh | 57.8 | 58.6 | 60.2 | - | 57.3 | 58.1 | 59.7 | - | 55.9 | 56.6 | 58.3 | - | 53.4 | 54.1 | 55.8 | - | 50.3 | 51.1 | 52.8 | - | 47.5 | 48.3 | 50.0 | - | | |
| S/T | 0.70 | 0.63 | 0.49 | - | 0.71 | 0.63 | 0.50 | - | 0.73 | 0.66 | 0.52 | - | 1.00 | 0.68 | 0.54 | - | 1.00 | 0.70 | 0.56 | - | 1.00 | 0.75 | 0.62 | - | | |
| ΔT | 16.94 | 15.14 | 11.76 | - | 16.90 | 15.09 | 11.71 | - | 17.15 | 15.34 | 11.96 | - | 16.88 | 15.07 | 11.69 | - | 16.64 | 14.83 | 11.45 | - | 17.77 | 15.96 | 12.58 | - | | |
| kW | 3.76 | 3.75 | 3.75 | - | 4.20 | 4.20 | 4.19 | - | 4.69 | 4.69 | 4.68 | - | 5.22 | 5.22 | 5.21 | - | 5.82 | 5.82 | 5.81 | - | 6.52 | 6.52 | 6.51 | - | | |
| Amps | 13.47 | 13.45 | 13.42 | - | 15.39 | 15.37 | 15.34 | - | 17.53 | 17.51 | 17.48 | - | 19.85 | 19.83 | 19.80 | - | 22.44 | 22.42 | 22.39 | - | 25.47 | 25.46 | 25.43 | - | | |
| Hi/PR | 288 | 289 | 291 | - | 332 | 333 | 335 | - | 378 | 380 | 382 | - | 428 | 430 | 432 | - | 482 | 484 | 486 | - | 540 | 541 | 543 | - | | |
| Lo/PR | 129 | 130 | 133 | - | 136 | 138 | 141 | - | 143 | 144 | 147 | - | 148 | 150 | 153 | - | 154 | 155 | 158 | - | 161 | 162 | 165 | - | | |
| 75 | 1750 | MBh | 55.9 | 56.7 | 58.3 | 60.8 | 55.4 | 56.2 | 57.8 | 60.4 | 53.9 | 54.7 | 56.4 | 58.9 | 51.4 | 52.2 | 53.9 | 56.4 | 48.4 | 49.2 | 50.8 | 53.4 | 45.6 | 46.4 | 48.1 | 50.6 |
| | | S/T | 0.76 | 0.69 | 0.55 | 0.4 | 0.77 | 0.69 | 0.56 | 0.4 | 0.77 | 0.72 | 0.58 | 0.4 | 1.00 | 0.74 | 0.61 | 0.5 | 1.00 | 0.78 | 0.65 | 0.5 | 1.00 | 1.00 | 0.68 | 0.5 |
| | | ΔT | 22.89 | 21.08 | 17.70 | 14.2 | 22.84 | 21.03 | 17.66 | 14.2 | 23.10 | 21.29 | 17.91 | 14.4 | 22.82 | 21.01 | 17.64 | 14.1 | 22.58 | 20.77 | 17.39 | 13.9 | 23.71 | 21.90 | 18.53 | 15.0 |
| | | kW | 3.71 | 3.71 | 3.70 | 3.7 | 4.16 | 4.15 | 4.14 | 4.2 | 4.65 | 4.64 | 4.64 | 4.7 | 5.18 | 5.18 | 5.17 | 5.2 | 5.78 | 5.77 | 5.77 | 5.8 | 6.47 | 6.47 | 6.46 | 6.5 |
| | | Amps | 13.28 | 13.26 | 13.23 | 13.4 | 15.20 | 15.18 | 15.15 | 15.3 | 17.34 | 17.32 | 17.29 | 17.4 | 19.66 | 19.64 | 19.61 | 19.8 | 22.24 | 22.23 | 22.20 | 22.3 | 25.28 | 25.27 | 25.23 | 25.4 |
| | | Hi/PR | 283 | 284 | 286 | 290.9 | 327 | 328 | 330 | 335.2 | 374 | 375 | 377 | 381.7 | 424 | 425 | 427 | 431.8 | 478 | 479 | 481 | 485.7 | 535 | 536 | 538 | 543.3 |
| | Lo/PR | 124 | 126 | 129 | 134.2 | 132 | 133 | 136 | 141.7 | 138 | 140 | 143 | 148.3 | 144 | 145 | 149 | 153.8 | 149 | 151 | 154 | 159.3 | 156 | 158 | 161 | 166.1 | |
| | MBh | 56.2 | 57.0 | 58.6 | 61.2 | 55.7 | 56.5 | 58.2 | 60.7 | 54.3 | 55.0 | 56.7 | 59.2 | 51.8 | 52.6 | 54.2 | 56.7 | 48.7 | 49.5 | 51.2 | 53.7 | 45.9 | 46.7 | 48.4 | 50.9 | |
| | S/T | 0.79 | 0.71 | 0.58 | 0.4 | 0.79 | 0.72 | 0.58 | 0.4 | 1.00 | 0.74 | 0.61 | 0.5 | 1.00 | 0.76 | 0.63 | 0.5 | 1.00 | 0.78 | 0.65 | 0.5 | 1.00 | 1.00 | 0.70 | 0.6 | |
| | ΔT | 22.44 | 20.64 | 17.26 | 13.8 | 22.40 | 20.59 | 17.21 | 13.7 | 22.65 | 20.84 | 17.46 | 14.0 | 22.38 | 20.57 | 17.19 | 13.7 | 22.14 | 20.33 | 16.95 | 13.4 | 23.27 | 21.46 | 18.08 | 14.6 | |
| | kW | 3.72 | 3.72 | 3.71 | 3.7 | 4.16 | 4.16 | 4.15 | 4.2 | 4.66 | 4.65 | 4.65 | 4.7 | 5.19 | 5.19 | 5.18 | 5.2 | 5.79 | 5.78 | 5.77 | 5.8 | 6.48 | 6.48 | 6.47 | 6.5 | |
| | Amps | 13.32 | 13.30 | 13.27 | 13.4 | 15.24 | 15.22 | 15.19 | 15.3 | 17.38 | 17.36 | 17.33 | 17.5 | 19.70 | 19.68 | 19.65 | 19.8 | 22.29 | 22.27 | 22.24 | 22.4 | 25.32 | 25.31 | 25.27 | 25.4 | |
| Hi/PR | 284 | 285 | 287 | 291.9 | 328 | 329 | 331 | 336.3 | 375 | 376 | 378 | 382.7 | 425 | 426 | 428 | 432.8 | 479 | 480 | 482 | 486.7 | 536 | 537 | 539 | 544.3 | | |
| Lo/PR | 125 | 127 | 130 | 135.0 | 133 | 134 | 137 | 142.5 | 139 | 141 | 144 | 149.1 | 145 | 146 | 149 | 154.6 | 150 | 152 | 155 | 160.1 | 157 | 159 | 162 | 166.9 | | |
| MBh | 57.8 | 58.6 | 60.3 | 62.8 | 57.3 | 58.1 | 59.8 | 62.3 | 55.9 | 56.7 | 58.3 | 60.9 | 53.4 | 54.2 | 55.8 | 58.4 | 50.4 | 51.1 | 52.8 | 55.3 | 47.6 | 48.4 | 50.0 | 52.5 | | |
| S/T | 0.83 | 0.75 | 0.62 | 0.5 | 1.00 | 0.76 | 0.63 | 0.5 | 1.00 | 0.78 | 0.65 | 0.5 | 1.00 | 0.80 | 0.67 | 0.5 | 1.00 | 1.00 | 0.69 | 0.6 | 1.00 | 1.00 | 0.74 | 0.6 | | |
| ΔT | 20.92 | 19.11 | 15.74 | 12.2 | 20.87 | 19.06 | 15.69 | 12.2 | 21.13 | 19.32 | 15.94 | 12.4 | 20.85 | 19.05 | 15.67 | 12.2 | 20.61 | 18.80 | 15.43 | 11.9 | 21.75 | 19.94 | 16.56 | 13.1 | | |
| kW | 3.75 | 3.75 | 3.74 | 3.8 | 4.20 | 4.19 | 4.19 | 4.2 | 4.69 | 4.69 | 4.68 | 4.7 | 5.22 | 5.22 | 5.21 | 5.2 | 5.82 | 5.81 | 5.81 | 5.8 | 6.52 | 6.51 | 6.50 | 6.5 | | |
| Amps | 13.46 | 13.44 | 13.41 | 13.6 | 15.37 | 15.36 | 15.33 | 15.5 | 17.52 | 17.50 | 17.47 | 17.6 | 19.83 | 19.82 | 19.79 | 19.9 | 22.42 | 22.41 | 22.38 | 22.5 | 25.46 | 25.45 | 25.41 | 25.6 | | |
| Hi/PR | 288 | 289 | 291 | 295.9 | 332 | 333 | 335 | 340.3 | 379 | 380 | 382 | 386.8 | 429 | 430 | 432 | 436.8 | 483 | 484 | 486 | 490.8 | 540 | 541 | 543 | 548.4 | | |
| Lo/PR | 129 | 130 | 133 | 138.7 | 136 | 138 | 141 | 146.2 | 143 | 144 | 147 | 152.7 | 148 | 150 | 153 | 158.3 | 154 | 155 | 158 | 163.7 | 161 | 162 | 165 | 170.5 | | |

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

EXPANDED COOLING DATA — GPHM36041** — HIGH STAGE (CONT.)

| IDB | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | 115°F | | | | | | | | | | | | |
|-------|---------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 65°F | | | | 75°F | | | | 85°F | | | | | 95°F | | | | 105°F | | | | | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | | | | |
| 80 | 1750 | MBh | 56.2 | 56.9 | 58.6 | 61.1 | 55.7 | 56.5 | 58.1 | 60.6 | 54.2 | 55.0 | 56.7 | 59.2 | 51.7 | 52.5 | 54.2 | 56.7 | 48.7 | 49.5 | 51.1 | 53.7 | 45.9 | 46.7 | 48.3 | 50.9 |
| | | S/T | 1.00 | 0.81 | 0.68 | 0.5 | 1.00 | 0.82 | 0.68 | 0.5 | 1.00 | 0.84 | 0.71 | 0.6 | 1.00 | 1.00 | 0.73 | 0.6 | 1.00 | 1.00 | 0.75 | 0.6 | 1.00 | 1.00 | 0.80 | 0.7 |
| | | ΔT | 26.90 | 25.09 | 21.71 | 18.2 | 26.85 | 25.04 | 21.66 | 18.2 | 27.10 | 25.29 | 21.91 | 18.4 | 26.83 | 25.02 | 21.64 | 18.1 | 26.59 | 24.78 | 21.40 | 17.9 | 27.72 | 25.91 | 22.53 | 19.0 |
| | | kW | 3.72 | 3.71 | 3.71 | 3.7 | 4.16 | 4.15 | 4.15 | 4.2 | 4.65 | 4.65 | 4.64 | 4.7 | 5.18 | 5.18 | 5.17 | 5.2 | 5.78 | 5.78 | 5.77 | 5.8 | 6.48 | 6.47 | 6.47 | 6.5 |
| | | Amps | 13.29 | 13.27 | 13.24 | 13.4 | 15.21 | 15.19 | 15.16 | 15.3 | 17.35 | 17.33 | 17.30 | 17.4 | 19.67 | 19.65 | 19.62 | 19.8 | 22.25 | 22.24 | 22.21 | 22.4 | 25.29 | 25.28 | 25.24 | 25.4 |
| | | Hi/PR | 283 | 285 | 286 | 291.4 | 328 | 329 | 331 | 335.8 | 374 | 375 | 377 | 382.2 | 424 | 425 | 427 | 432.3 | 478 | 479 | 481 | 486.2 | 536 | 537 | 539 | 543.8 |
| | Lo/PR | 125 | 126 | 130 | 134.8 | 132 | 134 | 137 | 142.3 | 139 | 140 | 144 | 148.8 | 144 | 146 | 149 | 154.4 | 150 | 151 | 155 | 159.8 | 157 | 158 | 161 | 166.6 | |
| | 1850 | MBh | 56.5 | 57.3 | 58.9 | 61.5 | 56.0 | 56.8 | 58.4 | 61.0 | 54.6 | 55.3 | 57.0 | 59.5 | 52.1 | 52.8 | 54.5 | 57.0 | 49.0 | 49.8 | 51.5 | 54.0 | 46.2 | 47.0 | 48.7 | 51.2 |
| | | S/T | 1.00 | 0.83 | 0.70 | 0.6 | 1.00 | 0.84 | 0.71 | 0.6 | 1.00 | 0.86 | 0.73 | 0.6 | 1.00 | 1.00 | 0.75 | 0.6 | 1.00 | 1.00 | 0.77 | 0.6 | 1.00 | 1.00 | 0.82 | 0.7 |
| | | ΔT | 26.45 | 24.64 | 21.26 | 17.8 | 26.40 | 24.59 | 21.21 | 17.7 | 26.65 | 24.85 | 21.47 | 18.0 | 26.38 | 24.57 | 21.19 | 17.7 | 26.14 | 24.33 | 20.95 | 17.5 | 27.27 | 25.46 | 22.09 | 18.6 |
| | | kW | 3.73 | 3.72 | 3.71 | 3.7 | 4.17 | 4.16 | 4.16 | 4.2 | 4.66 | 4.66 | 4.65 | 4.7 | 5.19 | 5.19 | 5.18 | 5.2 | 5.79 | 5.78 | 5.78 | 5.8 | 6.49 | 6.48 | 6.48 | 6.5 |
| | | Amps | 13.33 | 13.31 | 13.28 | 13.4 | 15.25 | 15.23 | 15.20 | 15.3 | 17.39 | 17.37 | 17.34 | 17.5 | 19.71 | 19.69 | 19.66 | 19.8 | 22.30 | 22.28 | 22.25 | 22.4 | 25.33 | 25.32 | 25.29 | 25.4 |
| Hi/PR | | 284 | 286 | 288 | 292.4 | 329 | 330 | 332 | 336.8 | 375 | 376 | 378 | 383.3 | 425 | 426 | 428 | 433.3 | 479 | 480 | 482 | 487.3 | 537 | 538 | 540 | 544.8 | |
| Lo/PR | 126 | 127 | 130 | 135.6 | 133 | 135 | 138 | 143.1 | 140 | 141 | 144 | 149.6 | 145 | 147 | 150 | 155.2 | 151 | 152 | 155 | 160.6 | 158 | 159 | 162 | 167.4 | | |
| 85 | 1750 | MBh | 57.1 | 57.9 | 59.5 | 62.1 | 56.6 | 57.4 | 59.0 | 61.6 | 55.2 | 55.9 | 57.6 | 60.1 | 52.7 | 53.4 | 55.1 | 57.6 | 49.6 | 50.4 | 52.1 | 54.6 | 46.8 | 47.6 | 49.3 | 51.8 |
| | | S/T | 1.00 | 0.91 | 0.78 | 0.6 | 1.00 | 1.00 | 0.81 | 0.7 | 1.00 | 1.00 | 0.83 | 0.7 | 1.00 | 1.00 | 0.83 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 30.45 | 28.64 | 25.26 | 21.8 | 30.40 | 28.59 | 25.21 | 21.7 | 30.65 | 28.84 | 25.47 | 22.0 | 30.38 | 28.57 | 25.19 | 21.7 | 30.14 | 28.33 | 24.95 | 21.5 | 31.27 | 29.46 | 26.08 | 22.6 |
| | | kW | 3.72 | 3.72 | 3.71 | 3.7 | 4.17 | 4.16 | 4.15 | 4.2 | 4.66 | 4.65 | 4.65 | 4.7 | 5.19 | 5.19 | 5.18 | 5.2 | 5.79 | 5.78 | 5.78 | 5.8 | 6.49 | 6.48 | 6.47 | 6.5 |
| | | Amps | 13.32 | 13.31 | 13.28 | 13.4 | 15.24 | 15.23 | 15.20 | 15.3 | 17.38 | 17.37 | 17.34 | 17.5 | 19.70 | 19.69 | 19.65 | 19.8 | 22.29 | 22.28 | 22.24 | 22.4 | 25.33 | 25.31 | 25.28 | 25.4 |
| | | Hi/PR | 285 | 286 | 288 | 292.7 | 329 | 330 | 332 | 337.1 | 375 | 377 | 379 | 383.6 | 426 | 427 | 429 | 433.6 | 479 | 481 | 483 | 487.6 | 537 | 538 | 540 | 545.2 |
| | Lo/PR | 127 | 128 | 131 | 136.6 | 134 | 136 | 139 | 144.1 | 141 | 142 | 145 | 150.7 | 146 | 148 | 151 | 156.2 | 152 | 153 | 156 | 161.7 | 159 | 160 | 163 | 168.5 | |
| | 1850 | MBh | 57.4 | 58.2 | 59.9 | 62.4 | 56.9 | 57.7 | 59.4 | 61.9 | 55.5 | 56.3 | 57.9 | 60.5 | 53.0 | 53.8 | 55.4 | 58.0 | 50.0 | 50.7 | 52.4 | 54.9 | 47.2 | 48.0 | 49.6 | 52.1 |
| | | S/T | 1.00 | 0.93 | 0.80 | 0.7 | 1.00 | 1.00 | 0.81 | 0.7 | 1.00 | 1.00 | 0.83 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 | 1.00 | 1.00 | 0.87 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 30.00 | 28.19 | 24.81 | 21.3 | 29.95 | 28.14 | 24.76 | 21.3 | 30.21 | 28.40 | 25.02 | 21.5 | 29.93 | 28.12 | 24.75 | 21.2 | 29.69 | 27.88 | 24.50 | 21.0 | 30.82 | 29.01 | 25.64 | 22.1 |
| | | kW | 3.73 | 3.73 | 3.72 | 3.8 | 4.18 | 4.17 | 4.16 | 4.2 | 4.67 | 4.66 | 4.66 | 4.7 | 5.20 | 5.20 | 5.19 | 5.2 | 5.80 | 5.79 | 5.79 | 5.8 | 6.50 | 6.49 | 6.48 | 6.5 |
| | | Amps | 13.37 | 13.35 | 13.32 | 13.5 | 15.28 | 15.27 | 15.24 | 15.4 | 17.43 | 17.41 | 17.38 | 17.5 | 19.74 | 19.73 | 19.69 | 19.8 | 22.33 | 22.32 | 22.28 | 22.4 | 25.37 | 25.35 | 25.32 | 25.5 |
| Hi/PR | | 286 | 287 | 289 | 293.7 | 330 | 331 | 333 | 338.1 | 376 | 378 | 380 | 384.6 | 427 | 428 | 430 | 434.6 | 480 | 482 | 484 | 488.6 | 538 | 539 | 541 | 546.2 | |
| Lo/PR | 127 | 129 | 132 | 137.4 | 135 | 137 | 140 | 144.9 | 142 | 143 | 146 | 151.5 | 147 | 149 | 152 | 157.0 | 153 | 154 | 157 | 162.5 | 159 | 161 | 164 | 169.3 | | |
| 2250 | MBh | 59.1 | 59.8 | 61.5 | 64.0 | 58.6 | 59.3 | 61.0 | 63.5 | 57.1 | 57.9 | 59.5 | 62.1 | 54.6 | 55.4 | 57.1 | 59.6 | 51.6 | 52.4 | 54.0 | 56.5 | 48.8 | 49.6 | 51.2 | 53.8 | |
| | S/T | 1.00 | 0.98 | 0.84 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 | 1.00 | 1.00 | 0.87 | 0.7 | 1.00 | 1.00 | 0.89 | 0.8 | 1.00 | 1.00 | 0.90 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 | |
| | ΔT | 28.48 | 26.67 | 23.29 | 19.8 | 28.43 | 26.62 | 23.24 | 19.7 | 28.68 | 26.87 | 23.50 | 20.0 | 28.41 | 26.60 | 23.22 | 19.7 | 28.17 | 26.36 | 22.98 | 19.5 | 29.30 | 27.49 | 24.11 | 20.6 | |
| | kW | 3.77 | 3.76 | 3.75 | 3.8 | 4.21 | 4.20 | 4.20 | 4.2 | 4.70 | 4.70 | 4.69 | 4.7 | 5.23 | 5.23 | 5.22 | 5.3 | 5.83 | 5.82 | 5.82 | 5.9 | 6.53 | 6.52 | 6.52 | 6.5 | |
| | Amps | 13.50 | 13.49 | 13.46 | 13.6 | 15.42 | 15.41 | 15.37 | 15.5 | 17.56 | 17.55 | 17.52 | 17.7 | 19.88 | 19.87 | 19.83 | 20.0 | 22.47 | 22.45 | 22.42 | 22.6 | 25.51 | 25.49 | 25.46 | 25.6 | |
| | Hi/PR | 290 | 291 | 293 | 297.8 | 334 | 335 | 337 | 342.1 | 381 | 382 | 384 | 388.6 | 431 | 432 | 434 | 438.7 | 485 | 486 | 488 | 492.6 | 542 | 543 | 545 | 550.2 | |
| Lo/PR | 131 | 133 | 136 | 141.0 | 139 | 140 | 143 | 148.5 | 145 | 147 | 150 | 155.1 | 151 | 152 | 155 | 160.7 | 156 | 158 | 161 | 166.1 | 163 | 165 | 168 | 172.9 | | |

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

EXPANDED COOLING DATA — GPHM36041** — LOW STAGE

| 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 | 1291 | MBh | 40.2 | 40.7 | 41.9 | - | 39.8 | 40.4 | 41.5 | - | 38.8 | 39.3 | 40.5 | - | 37.0 | 37.5 | 38.7 | - | 34.8 | 35.3 | 36.5 | - | 32.8 | 33.3 | 34.5 | - |
| | | S/T | 0.65 | 0.58 | 0.44 | - | 0.66 | 0.58 | 0.44 | - | 0.68 | 0.61 | 0.47 | - | 1.00 | 0.63 | 0.49 | - | 1.00 | 0.65 | 0.51 | - | 1.00 | 0.70 | 0.56 | - |
| | | ΔT | 18.25 | 16.51 | 13.25 | - | 18.20 | 16.46 | 13.20 | - | 18.45 | 16.70 | 13.44 | - | 18.19 | 16.44 | 13.18 | - | 17.95 | 16.21 | 12.95 | - | 19.05 | 17.30 | 14.04 | - |
| | | kW | 2.34 | 2.34 | 2.33 | - | 2.62 | 2.61 | 2.61 | - | 2.93 | 2.92 | 2.92 | - | 3.26 | 3.26 | 3.25 | - | 3.64 | 3.63 | 3.63 | - | 4.07 | 4.07 | 4.07 | - |
| | | Amps | 8.36 | 8.35 | 8.33 | - | 9.57 | 9.56 | 9.54 | - | 10.91 | 10.90 | 10.88 | - | 12.37 | 12.36 | 12.34 | - | 14.00 | 13.99 | 13.97 | - | 15.91 | 15.90 | 15.88 | - |
| | Hi PR | 270 | 271 | 273 | - | 313 | 314 | 316 | - | 357 | 358 | 360 | - | 405 | 406 | 408 | - | 456 | 458 | 459 | - | 511 | 513 | 514 | - | |
| | Lo PR | 128 | 129 | 133 | - | 135 | 137 | 140 | - | 142 | 144 | 147 | - | 148 | 149 | 153 | - | 154 | 155 | 158 | - | 161 | 162 | 165 | - | |
| | MBh | 40.4 | 41.0 | 42.1 | - | 40.0 | 40.6 | 41.8 | - | 39.0 | 39.6 | 40.7 | - | 37.2 | 37.8 | 39.0 | - | 35.0 | 35.6 | 36.8 | - | 33.0 | 33.6 | 34.8 | - | |
| | S/T | 0.68 | 0.60 | 0.46 | - | 0.68 | 0.60 | 0.47 | - | 0.71 | 0.63 | 0.49 | - | 1.00 | 0.65 | 0.51 | - | 1.00 | 0.67 | 0.53 | - | 1.00 | 0.72 | 0.59 | - | |
| | ΔT | 17.82 | 16.08 | 12.82 | - | 17.77 | 16.03 | 12.77 | - | 18.02 | 16.27 | 13.01 | - | 17.76 | 16.01 | 12.75 | - | 17.52 | 15.78 | 12.52 | - | 18.62 | 16.87 | 13.61 | - | |
| kW | 2.34 | 2.34 | 2.34 | - | 2.62 | 2.62 | 2.61 | - | 2.93 | 2.93 | 2.92 | - | 3.27 | 3.26 | 3.26 | - | 3.64 | 3.64 | 3.63 | - | 4.08 | 4.08 | 4.07 | - | | |
| Amps | 8.39 | 8.38 | 8.35 | - | 9.59 | 9.58 | 9.56 | - | 10.94 | 10.93 | 10.91 | - | 12.40 | 12.39 | 12.37 | - | 14.03 | 14.02 | 14.00 | - | 15.94 | 15.93 | 15.91 | - | | |
| Hi PR | 271 | 272 | 274 | - | 313 | 315 | 317 | - | 358 | 359 | 361 | - | 406 | 407 | 409 | - | 457 | 459 | 460 | - | 512 | 514 | 515 | - | | |
| Lo PR | 129 | 130 | 133 | - | 136 | 138 | 141 | - | 143 | 145 | 148 | - | 149 | 150 | 154 | - | 154 | 156 | 159 | - | 161 | 163 | 166 | - | | |
| MBh | 41.6 | 42.1 | 43.3 | - | 41.2 | 41.8 | 43.0 | - | 40.2 | 40.7 | 41.9 | - | 38.4 | 38.9 | 40.1 | - | 36.2 | 36.7 | 37.9 | - | 34.2 | 34.7 | 35.9 | - | | |
| S/T | 0.72 | 0.64 | 0.51 | - | 0.73 | 0.65 | 0.51 | - | 1.00 | 0.68 | 0.54 | - | 1.00 | 0.69 | 0.56 | - | 1.00 | 0.72 | 0.58 | - | 1.00 | 1.00 | 0.63 | - | | |
| ΔT | 16.35 | 14.61 | 11.35 | - | 16.30 | 14.56 | 11.30 | - | 16.55 | 14.80 | 11.54 | - | 16.29 | 14.54 | 11.28 | - | 16.05 | 14.31 | 11.05 | - | 17.15 | 15.40 | 12.14 | - | | |
| kW | 2.36 | 2.36 | 2.36 | - | 2.64 | 2.64 | 2.63 | - | 2.95 | 2.95 | 2.94 | - | 3.29 | 3.28 | 3.28 | - | 3.66 | 3.66 | 3.65 | - | 4.10 | 4.10 | 4.09 | - | | |
| Amps | 8.47 | 8.46 | 8.44 | - | 9.68 | 9.67 | 9.65 | - | 11.03 | 11.02 | 11.00 | - | 12.48 | 12.47 | 12.45 | - | 14.11 | 14.10 | 14.08 | - | 16.02 | 16.01 | 15.99 | - | | |
| Hi PR | 275 | 276 | 278 | - | 317 | 319 | 320 | - | 362 | 363 | 365 | - | 410 | 411 | 413 | - | 461 | 462 | 464 | - | 516 | 517 | 519 | - | | |
| Lo PR | 132 | 134 | 137 | - | 140 | 142 | 145 | - | 147 | 148 | 152 | - | 152 | 154 | 157 | - | 158 | 160 | 163 | - | 165 | 167 | 170 | - | | |
| 75 | 1291 | MBh | 40.2 | 40.7 | 41.9 | 43.7 | 39.8 | 40.4 | 41.6 | 43.4 | 38.8 | 39.3 | 40.5 | 42.4 | 37.0 | 37.5 | 38.7 | 40.6 | 34.8 | 35.4 | 36.6 | 38.4 | 32.8 | 33.4 | 34.6 | 36.4 |
| | | S/T | 0.78 | 0.71 | 0.57 | 0.4 | 1.00 | 0.71 | 0.58 | 0.4 | 1.00 | 0.74 | 0.60 | 0.5 | 1.00 | 0.76 | 0.62 | 0.5 | 1.00 | 1.00 | 0.64 | 0.5 | 1.00 | 1.00 | 0.70 | 0.6 |
| | | ΔT | 22.09 | 20.34 | 17.08 | 13.7 | 22.04 | 20.30 | 17.04 | 13.7 | 22.29 | 20.54 | 17.28 | 13.9 | 22.02 | 20.28 | 17.02 | 13.6 | 21.79 | 20.05 | 16.79 | 13.4 | 22.88 | 21.14 | 17.88 | 14.5 |
| | | kW | 2.34 | 2.33 | 2.33 | 2.4 | 2.61 | 2.61 | 2.61 | 2.6 | 2.92 | 2.92 | 2.92 | 2.9 | 3.26 | 3.26 | 3.25 | 3.3 | 3.63 | 3.63 | 3.63 | 3.6 | 4.07 | 4.07 | 4.07 | 4.1 |
| | | Amps | 8.35 | 8.34 | 8.32 | 8.4 | 9.56 | 9.55 | 9.53 | 9.6 | 10.91 | 10.90 | 10.88 | 11.0 | 12.36 | 12.35 | 12.33 | 12.4 | 13.99 | 13.98 | 13.96 | 14.1 | 15.90 | 15.89 | 15.87 | 16.0 |
| | Hi PR | 270 | 271 | 273 | 278.1 | 313 | 314 | 316 | 320.5 | 357 | 358 | 360 | 364.9 | 405 | 406 | 408 | 412.8 | 457 | 458 | 460 | 464.4 | 512 | 513 | 515 | 519.4 | |
| | Lo PR | 128 | 129 | 133 | 138.0 | 135 | 137 | 140 | 145.7 | 142 | 144 | 147 | 152.4 | 148 | 150 | 153 | 158.1 | 154 | 155 | 158 | 163.7 | 161 | 162 | 165 | 170.8 | |
| | MBh | 40.4 | 41.0 | 42.2 | 44.0 | 40.1 | 40.6 | 41.8 | 43.6 | 39.0 | 39.6 | 40.8 | 42.6 | 37.2 | 37.8 | 39.0 | 40.8 | 35.0 | 35.6 | 36.8 | 38.6 | 33.0 | 33.6 | 34.8 | 36.6 | |
| | S/T | 0.81 | 0.73 | 0.59 | 0.4 | 1.00 | 0.74 | 0.60 | 0.5 | 1.00 | 0.76 | 0.62 | 0.5 | 1.00 | 0.78 | 0.64 | 0.5 | 1.00 | 1.00 | 0.67 | 0.5 | 1.00 | 1.00 | 0.72 | 0.6 | |
| | ΔT | 21.66 | 19.91 | 16.65 | 13.3 | 21.61 | 19.87 | 16.61 | 13.2 | 21.86 | 20.11 | 16.85 | 13.5 | 21.59 | 19.85 | 16.59 | 13.2 | 21.36 | 19.61 | 16.36 | 13.0 | 22.45 | 20.71 | 17.45 | 14.1 | |
| kW | 2.34 | 2.34 | 2.33 | 2.4 | 2.62 | 2.62 | 2.61 | 2.6 | 2.93 | 2.93 | 2.92 | 2.9 | 3.26 | 3.26 | 3.26 | 3.3 | 3.64 | 3.64 | 3.63 | 3.7 | 4.08 | 4.08 | 4.07 | 4.1 | | |
| Amps | 8.38 | 8.37 | 8.35 | 8.4 | 9.58 | 9.57 | 9.55 | 9.6 | 10.93 | 10.92 | 10.90 | 11.0 | 12.39 | 12.38 | 12.36 | 12.5 | 14.02 | 14.01 | 13.99 | 14.1 | 15.93 | 15.92 | 15.90 | 16.0 | | |
| Hi PR | 271 | 272 | 274 | 279.0 | 314 | 315 | 317 | 321.5 | 358 | 359 | 361 | 365.9 | 406 | 407 | 409 | 413.7 | 458 | 459 | 461 | 465.3 | 513 | 514 | 516 | 520.4 | | |
| Lo PR | 129 | 130 | 133 | 138.8 | 136 | 138 | 141 | 146.5 | 143 | 145 | 148 | 153.3 | 149 | 150 | 154 | 159.0 | 154 | 156 | 159 | 164.6 | 161 | 163 | 166 | 171.6 | | |
| MBh | 41.6 | 42.1 | 43.3 | 45.2 | 41.2 | 41.8 | 43.0 | 44.8 | 40.2 | 40.7 | 41.9 | 43.8 | 38.4 | 39.0 | 40.1 | 42.0 | 36.2 | 36.8 | 38.0 | 39.8 | 34.2 | 34.8 | 36.0 | 37.8 | | |
| S/T | 0.85 | 0.77 | 0.64 | 0.5 | 1.00 | 0.78 | 0.64 | 0.5 | 1.00 | 0.81 | 0.67 | 0.5 | 1.00 | 0.83 | 0.69 | 0.5 | 1.00 | 1.00 | 0.71 | 0.6 | 1.00 | 1.00 | 0.76 | 0.6 | | |
| ΔT | 20.19 | 18.44 | 15.18 | 11.8 | 20.14 | 18.40 | 15.14 | 11.8 | 20.39 | 18.64 | 15.38 | 12.0 | 20.12 | 18.38 | 15.12 | 11.7 | 19.89 | 18.15 | 14.89 | 11.5 | 20.98 | 19.24 | 15.98 | 12.6 | | |
| kW | 2.36 | 2.36 | 2.35 | 2.4 | 2.64 | 2.64 | 2.63 | 2.7 | 2.95 | 2.95 | 2.94 | 3.0 | 3.28 | 3.28 | 3.28 | 3.3 | 3.66 | 3.66 | 3.65 | 3.7 | 4.10 | 4.10 | 4.09 | 4.1 | | |
| Amps | 8.46 | 8.45 | 8.43 | 8.5 | 9.67 | 9.66 | 9.64 | 9.7 | 11.02 | 11.01 | 10.99 | 11.1 | 12.48 | 12.47 | 12.45 | 12.5 | 14.10 | 14.09 | 14.07 | 14.2 | 16.01 | 16.01 | 15.98 | 16.1 | | |
| Hi PR | 275 | 276 | 278 | 282.9 | 318 | 319 | 321 | 325.3 | 362 | 363 | 365 | 369.8 | 410 | 411 | 413 | 417.6 | 461 | 463 | 465 | 469.2 | 516 | 518 | 520 | 524.2 | | |
| Lo PR | 132 | 134 | 137 | 142.5 | 140 | 142 | 145 | 150.2 | 147 | 148 | 152 | 157.0 | 153 | 154 | 157 | 162.7 | 158 | 160 | 163 | 168.3 | 165 | 167 | 170 | 175.3 | | |

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

EXPANDED COOLING DATA — GPHM36041** — LOW STAGE (CONT.)

| IDB | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | |
|-------|---------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | | |
| 80 | 1291 | MBh | 40.4 | 40.9 | 42.1 | 44.0 | 40.0 | 40.6 | 41.8 | 43.6 | 39.0 | 39.5 | 40.7 | 42.6 | 37.2 | 37.8 | 38.9 | 40.8 | 35.0 | 35.6 | 36.8 | 38.6 | 33.0 | 33.6 | 34.8 | 36.6 | |
| | | S/T | 1.00 | 0.83 | 0.70 | 0.6 | 1.00 | 0.84 | 0.70 | 0.6 | 1.00 | 0.87 | 0.73 | 0.6 | 1.00 | 1.00 | 0.75 | 0.6 | 1.00 | 1.00 | 1.00 | 0.77 | 0.6 | 1.00 | 1.00 | 0.82 | 0.7 |
| | | ΔT | 25.95 | 24.21 | 20.95 | 17.6 | 25.91 | 24.16 | 20.90 | 17.5 | 26.15 | 24.41 | 21.15 | 17.8 | 25.89 | 24.14 | 20.88 | 17.5 | 25.66 | 23.91 | 20.65 | 17.3 | 26.75 | 25.00 | 21.74 | 18.4 | |
| | | kW | 2.34 | 2.34 | 2.33 | 2.4 | 2.62 | 2.61 | 2.61 | 2.6 | 2.92 | 2.92 | 2.92 | 2.9 | 3.26 | 3.26 | 3.25 | 3.3 | 3.63 | 3.63 | 3.63 | 3.6 | 4.07 | 4.07 | 4.07 | 4.1 | |
| | | Amps | 8.36 | 8.35 | 8.33 | 8.4 | 9.56 | 9.56 | 9.53 | 9.6 | 10.91 | 10.90 | 10.88 | 11.0 | 12.37 | 12.36 | 12.34 | 12.4 | 14.00 | 13.99 | 13.97 | 14.1 | 15.91 | 15.90 | 15.88 | 16.0 | |
| | | Hi/PR | 271 | 272 | 274 | 278.6 | 313 | 314 | 316 | 321.0 | 358 | 359 | 361 | 365.4 | 406 | 407 | 409 | 413.3 | 457 | 458 | 460 | 464.8 | 512 | 513 | 515 | 519.9 | |
| | | Lo/PR | 128 | 130 | 133 | 138.5 | 136 | 138 | 141 | 146.2 | 143 | 144 | 148 | 153.0 | 149 | 150 | 153 | 158.7 | 154 | 156 | 159 | 164.3 | 161 | 163 | 166 | 171.3 | |
| | | MBh | 40.6 | 41.2 | 42.4 | 44.2 | 40.3 | 40.8 | 42.0 | 43.8 | 41.4 | 41.0 | 42.1 | 44.0 | 37.4 | 38.0 | 39.2 | 41.0 | 35.2 | 35.8 | 37.0 | 38.8 | 33.2 | 33.8 | 35.0 | 36.8 | |
| | | S/T | 1.00 | 0.86 | 0.72 | 0.6 | 1.00 | 0.86 | 0.73 | 0.6 | 1.00 | 0.89 | 0.75 | 0.6 | 1.00 | 1.00 | 0.82 | 0.7 | 1.00 | 1.00 | 1.00 | 0.79 | 0.6 | 1.00 | 1.00 | 0.85 | 0.7 |
| | | ΔT | 25.52 | 23.78 | 20.52 | 17.1 | 25.48 | 23.73 | 20.47 | 17.1 | 25.72 | 23.98 | 20.72 | 17.3 | 25.46 | 23.71 | 20.45 | 17.1 | 25.22 | 23.48 | 20.22 | 16.8 | 26.32 | 24.57 | 21.31 | 17.9 | |
| kW | 2.34 | 2.34 | 2.34 | 2.4 | 2.62 | 2.62 | 2.61 | 2.6 | 2.93 | 2.93 | 2.92 | 2.9 | 3.27 | 3.26 | 3.26 | 3.3 | 3.64 | 3.64 | 3.63 | 3.7 | 4.08 | 4.08 | 4.07 | 4.1 | | | |
| Amps | 8.38 | 8.37 | 8.35 | 8.4 | 9.59 | 9.58 | 9.56 | 9.7 | 10.94 | 10.93 | 10.91 | 11.0 | 12.39 | 12.39 | 12.36 | 12.5 | 14.02 | 14.01 | 13.99 | 14.1 | 15.93 | 15.92 | 15.90 | 16.0 | | | |
| Hi/PR | 272 | 273 | 275 | 279.5 | 314 | 315 | 317 | 322.0 | 359 | 360 | 362 | 366.4 | 406 | 408 | 410 | 414.2 | 458 | 459 | 461 | 465.8 | 513 | 514 | 516 | 520.9 | | | |
| Lo/PR | 129 | 131 | 134 | 139.4 | 137 | 138 | 142 | 147.1 | 144 | 145 | 148 | 153.8 | 149 | 151 | 154 | 159.5 | 155 | 157 | 160 | 165.1 | 162 | 164 | 167 | 172.1 | | | |
| MBh | 41.8 | 42.4 | 43.5 | 45.4 | 41.4 | 42.0 | 43.2 | 45.0 | 40.4 | 41.0 | 42.1 | 44.0 | 38.6 | 39.2 | 40.4 | 42.2 | 36.4 | 37.0 | 38.2 | 40.0 | 34.4 | 35.0 | 36.2 | 38.0 | | | |
| S/T | 1.00 | 0.90 | 0.76 | 0.6 | 1.00 | 0.91 | 0.77 | 0.6 | 1.00 | 1.00 | 0.80 | 0.7 | 1.00 | 1.00 | 0.82 | 0.7 | 1.00 | 1.00 | 1.00 | 0.84 | 0.7 | 1.00 | 1.00 | 0.87 | 0.7 | | |
| ΔT | 24.05 | 22.31 | 19.05 | 15.7 | 24.01 | 22.26 | 19.00 | 15.6 | 24.25 | 22.51 | 19.25 | 15.9 | 23.99 | 22.24 | 18.98 | 15.6 | 23.76 | 22.01 | 18.75 | 15.4 | 24.85 | 23.10 | 19.84 | 16.5 | | | |
| kW | 2.36 | 2.36 | 2.36 | 2.4 | 2.64 | 2.64 | 2.63 | 2.7 | 2.95 | 2.95 | 2.94 | 3.0 | 3.29 | 3.28 | 3.28 | 3.3 | 3.66 | 3.66 | 3.65 | 3.7 | 4.10 | 4.10 | 4.09 | 4.1 | | | |
| Amps | 8.47 | 8.46 | 8.44 | 8.5 | 9.68 | 9.67 | 9.65 | 9.7 | 11.02 | 11.01 | 10.99 | 11.1 | 12.48 | 12.47 | 12.45 | 12.5 | 14.11 | 14.10 | 14.08 | 14.2 | 16.02 | 16.01 | 15.99 | 16.1 | | | |
| Hi/PR | 276 | 277 | 279 | 283.4 | 318 | 319 | 321 | 325.8 | 363 | 364 | 366 | 370.3 | 410 | 412 | 413 | 418.1 | 462 | 463 | 465 | 469.7 | 517 | 518 | 520 | 524.7 | | | |
| Lo/PR | 133 | 134 | 138 | 143.1 | 141 | 142 | 145 | 150.8 | 147 | 149 | 152 | 157.6 | 153 | 155 | 158 | 163.3 | 159 | 160 | 163 | 168.9 | 166 | 167 | 170 | 175.9 | | | |
| 85 | 1291 | MBh | 41.1 | 41.6 | 42.8 | 44.6 | 40.7 | 41.3 | 42.5 | 44.3 | 39.7 | 40.2 | 41.4 | 43.2 | 37.9 | 38.4 | 39.6 | 41.4 | 35.7 | 36.2 | 37.4 | 39.2 | 33.7 | 34.2 | 35.4 | 37.3 | |
| | | S/T | 1.00 | 0.94 | 0.80 | 0.7 | 1.00 | 1.00 | 0.81 | 0.7 | 1.00 | 1.00 | 0.83 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 | |
| | | ΔT | 29.38 | 27.64 | 24.38 | 21.0 | 29.33 | 27.59 | 24.33 | 21.0 | 29.58 | 27.83 | 24.57 | 21.2 | 29.32 | 27.57 | 24.31 | 20.9 | 29.08 | 27.34 | 24.08 | 20.7 | 30.18 | 28.43 | 25.17 | 21.8 | |
| | | kW | 2.34 | 2.34 | 2.34 | 2.4 | 2.62 | 2.62 | 2.61 | 2.6 | 2.93 | 2.93 | 2.92 | 2.9 | 3.27 | 3.26 | 3.26 | 3.3 | 3.64 | 3.64 | 3.63 | 3.7 | 4.08 | 4.08 | 4.07 | 4.1 | |
| | | Amps | 8.38 | 8.37 | 8.35 | 8.4 | 9.59 | 9.58 | 9.56 | 9.6 | 10.93 | 10.93 | 10.90 | 11.0 | 12.39 | 12.38 | 12.36 | 12.5 | 14.02 | 14.01 | 13.99 | 14.1 | 15.93 | 15.92 | 15.90 | 16.0 | |
| | | Hi/PR | 272 | 273 | 275 | 279.8 | 315 | 316 | 318 | 322.2 | 359 | 360 | 362 | 366.7 | 407 | 408 | 410 | 414.5 | 458 | 460 | 461 | 466.1 | 513 | 515 | 516 | 521.2 | |
| | | Lo/PR | 130 | 132 | 135 | 140.4 | 138 | 140 | 143 | 148.1 | 145 | 146 | 149 | 154.9 | 150 | 152 | 155 | 160.6 | 156 | 158 | 161 | 166.2 | 163 | 165 | 168 | 173.2 | |
| | | MBh | 41.3 | 41.9 | 43.0 | 44.9 | 40.9 | 41.5 | 42.7 | 44.5 | 39.9 | 40.5 | 41.6 | 43.5 | 38.1 | 38.7 | 39.9 | 41.7 | 35.9 | 36.5 | 37.7 | 39.5 | 33.9 | 34.5 | 35.7 | 37.5 | |
| | | S/T | 1.00 | 0.96 | 0.82 | 0.7 | 1.00 | 1.00 | 0.83 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 | 1.00 | 1.00 | 0.87 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 | |
| | | ΔT | 28.95 | 27.21 | 23.95 | 20.6 | 28.90 | 27.16 | 23.90 | 20.5 | 29.15 | 27.40 | 24.14 | 20.8 | 28.89 | 27.14 | 23.88 | 20.5 | 28.65 | 26.91 | 23.65 | 20.3 | 29.74 | 28.00 | 24.74 | 21.4 | |
| kW | 2.35 | 2.35 | 2.34 | 2.4 | 2.63 | 2.62 | 2.62 | 2.6 | 2.94 | 2.93 | 2.93 | 3.0 | 3.27 | 3.27 | 3.26 | 3.3 | 3.65 | 3.64 | 3.64 | 3.7 | 4.09 | 4.08 | 4.08 | 4.1 | | | |
| Amps | 8.41 | 8.40 | 8.38 | 8.5 | 9.61 | 9.60 | 9.58 | 9.7 | 10.96 | 10.95 | 10.93 | 11.0 | 12.42 | 12.41 | 12.39 | 12.5 | 14.05 | 14.04 | 14.02 | 14.1 | 15.96 | 15.95 | 15.93 | 16.0 | | | |
| Hi/PR | 273 | 274 | 276 | 280.8 | 315 | 317 | 319 | 323.2 | 360 | 361 | 363 | 367.7 | 408 | 409 | 411 | 415.5 | 459 | 461 | 462 | 467.1 | 514 | 516 | 517 | 522.1 | | | |
| Lo/PR | 131 | 133 | 136 | 141.2 | 139 | 140 | 144 | 149.0 | 146 | 147 | 150 | 155.7 | 151 | 153 | 156 | 161.4 | 157 | 158 | 162 | 167.0 | 164 | 165 | 169 | 174.0 | | | |
| MBh | 42.5 | 43.0 | 44.2 | 46.0 | 42.1 | 42.7 | 43.9 | 45.7 | 41.1 | 41.6 | 42.8 | 44.6 | 39.3 | 39.8 | 41.0 | 42.8 | 37.1 | 37.6 | 38.8 | 40.7 | 35.1 | 35.6 | 36.8 | 38.7 | | | |
| S/T | 1.00 | 1.00 | 0.87 | 0.7 | 1.00 | 1.00 | 0.87 | 0.7 | 1.00 | 1.00 | 0.90 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 | | | |
| ΔT | 27.48 | 25.74 | 22.48 | 19.1 | 27.43 | 25.69 | 22.43 | 19.1 | 27.68 | 25.93 | 22.67 | 19.3 | 27.42 | 25.67 | 22.41 | 19.0 | 27.18 | 25.44 | 22.18 | 18.8 | 28.28 | 26.53 | 23.27 | 19.9 | | | |
| kW | 2.37 | 2.37 | 2.36 | 2.4 | 2.65 | 2.64 | 2.64 | 2.7 | 2.96 | 2.95 | 2.95 | 3.0 | 3.29 | 3.29 | 3.28 | 3.3 | 3.67 | 3.66 | 3.66 | 3.7 | 4.11 | 4.10 | 4.10 | 4.1 | | | |
| Amps | 8.49 | 8.48 | 8.46 | 8.6 | 9.70 | 9.69 | 9.67 | 9.8 | 11.05 | 11.04 | 11.02 | 11.1 | 12.50 | 12.50 | 12.47 | 12.6 | 14.13 | 14.12 | 14.10 | 14.2 | 16.04 | 16.03 | 16.01 | 16.1 | | | |
| Hi/PR | 277 | 278 | 280 | 284.7 | 319 | 321 | 322 | 327.1 | 364 | 365 | 367 | 371.5 | 412 | 413 | 415 | 419.4 | 463 | 464 | 466 | 470.9 | 518 | 519 | 521 | 526.0 | | | |
| Lo/PR | 135 | 136 | 140 | 145.0 | 143 | 144 | 147 | 152.7 | 149 | 151 | 154 | 159.5 | 155 | 157 | 160 | 165.2 | 161 | 162 | 165 | 170.8 | 168 | 169 | 172 | 177.8 | | | |

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

EXPANDED HEATING DATA

GPHM32441

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|-------|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 29.64 | 27.72 | 25.84 | 23.99 | 22.80 | 21.92 | 19.69 | 17.64 | 15.96 | 14.72 | 13.79 | 13.30 | 12.67 | 11.08 | 9.50 | 7.92 | 6.33 |
| T/R | 31.05 | 29.32 | 27.60 | 25.87 | 24.84 | 23.88 | 21.45 | 19.22 | 17.39 | 16.03 | 15.03 | 14.49 | 13.80 | 12.07 | 10.35 | 8.62 | 6.90 |
| KW | 2.07 | 2.04 | 2.02 | 1.99 | 1.98 | 1.97 | 1.94 | 1.91 | 1.89 | 1.86 | 1.84 | 1.82 | 1.81 | 1.79 | 1.76 | 1.73 | 1.71 |
| AMPS | 7.65 | 7.54 | 7.43 | 7.31 | 7.25 | 7.20 | 7.09 | 6.98 | 6.86 | 6.75 | 6.64 | 6.57 | 6.53 | 6.41 | 6.30 | 6.19 | 6.07 |
| COP | 4.20 | 3.97 | 3.75 | 3.53 | 3.38 | 3.27 | 2.97 | 2.70 | 2.48 | 2.32 | 2.20 | 2.14 | 2.05 | 1.82 | 1.58 | 1.34 | 1.09 |
| Hi PR | 429.26 | 415.30 | 401.34 | 387.38 | 379.00 | 373.42 | 359.45 | 345.49 | 331.53 | 317.57 | 303.60 | 295.23 | 289.64 | 275.68 | 261.72 | 247.75 | 233.79 |
| LO PR | 192.65 | 180.66 | 168.68 | 156.69 | 149.50 | 144.71 | 132.72 | 120.73 | 108.75 | 96.76 | 84.78 | 77.59 | 72.79 | 60.81 | 48.82 | 36.83 | 24.85 |

GPHM33041

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|-------|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 36.63 | 34.10 | 31.61 | 29.16 | 27.60 | 26.40 | 23.40 | 20.69 | 18.48 | 16.82 | 15.57 | 14.90 | 14.05 | 11.94 | 9.82 | 7.70 | 5.59 |
| T/R | 31.06 | 29.19 | 27.33 | 25.46 | 24.34 | 23.28 | 20.64 | 18.25 | 16.30 | 14.84 | 13.73 | 13.14 | 12.39 | 10.53 | 8.66 | 6.79 | 4.93 |
| KW | 2.60 | 2.55 | 2.49 | 2.43 | 2.39 | 2.37 | 2.31 | 2.25 | 2.19 | 2.13 | 2.08 | 2.04 | 2.02 | 1.96 | 1.90 | 1.84 | 1.78 |
| AMPS | 9.66 | 9.40 | 9.15 | 8.89 | 8.74 | 8.64 | 8.38 | 8.13 | 7.87 | 7.61 | 7.36 | 7.21 | 7.10 | 6.85 | 6.59 | 6.34 | 6.08 |
| COP | 4.12 | 3.92 | 3.72 | 3.52 | 3.38 | 3.26 | 2.97 | 2.69 | 2.47 | 2.31 | 2.20 | 2.14 | 2.04 | 1.79 | 1.52 | 1.23 | 0.92 |
| Hi PR | 437.08 | 422.86 | 408.65 | 394.43 | 385.90 | 380.21 | 366.00 | 351.78 | 337.56 | 323.35 | 309.13 | 300.60 | 294.91 | 280.70 | 266.48 | 252.26 | 238.05 |
| LO PR | 194.07 | 181.99 | 169.92 | 157.84 | 150.60 | 145.77 | 133.70 | 121.62 | 109.55 | 97.47 | 85.40 | 78.16 | 73.33 | 61.25 | 49.18 | 37.10 | 25.03 |

GPHM33641

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|-------|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 41.85 | 39.15 | 36.49 | 33.88 | 32.20 | 30.96 | 27.82 | 24.92 | 22.55 | 20.80 | 19.50 | 18.80 | 17.91 | 15.67 | 13.44 | 11.21 | 8.97 |
| T/R | 31.05 | 29.33 | 27.60 | 25.88 | 24.85 | 23.89 | 21.47 | 19.23 | 17.40 | 16.05 | 15.04 | 14.51 | 13.82 | 12.09 | 10.37 | 8.65 | 6.92 |
| KW | 2.92 | 2.89 | 2.85 | 2.81 | 2.79 | 2.78 | 2.74 | 2.71 | 2.67 | 2.63 | 2.60 | 2.57 | 2.56 | 2.52 | 2.49 | 2.45 | 2.42 |
| AMPS | 10.80 | 10.64 | 10.49 | 10.33 | 10.24 | 10.17 | 10.01 | 9.86 | 9.70 | 9.54 | 9.38 | 9.29 | 9.23 | 9.07 | 8.91 | 8.75 | 8.60 |
| COP | 4.20 | 3.98 | 3.75 | 3.53 | 3.38 | 3.27 | 2.97 | 2.70 | 2.48 | 2.32 | 2.20 | 2.14 | 2.05 | 1.82 | 1.58 | 1.34 | 1.09 |
| Hi PR | 458.49 | 443.57 | 428.66 | 413.75 | 404.80 | 398.83 | 383.92 | 369.01 | 354.10 | 339.18 | 324.27 | 315.32 | 309.36 | 294.44 | 279.53 | 264.62 | 249.71 |
| LO PR | 192.78 | 180.78 | 168.79 | 156.80 | 149.60 | 144.80 | 132.81 | 120.81 | 108.82 | 96.83 | 84.83 | 77.64 | 72.84 | 60.85 | 48.85 | 36.86 | 24.86 |

GPHM34241

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|-------|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 48.30 | 45.19 | 42.13 | 39.13 | 37.20 | 35.78 | 32.17 | 28.84 | 26.11 | 24.09 | 22.60 | 21.80 | 20.77 | 18.21 | 15.64 | 13.07 | 10.51 |
| T/R | 33.08 | 31.25 | 29.42 | 27.59 | 26.50 | 25.49 | 22.91 | 20.54 | 18.60 | 17.16 | 16.10 | 15.53 | 14.80 | 12.97 | 11.14 | 9.31 | 7.48 |
| KW | 3.37 | 3.33 | 3.29 | 3.25 | 3.23 | 3.21 | 3.17 | 3.13 | 3.09 | 3.05 | 3.01 | 2.99 | 2.97 | 2.93 | 2.89 | 2.85 | 2.81 |
| AMPS | 12.59 | 12.41 | 12.24 | 12.07 | 11.96 | 11.89 | 11.72 | 11.54 | 11.37 | 11.20 | 11.02 | 10.92 | 10.85 | 10.67 | 10.50 | 10.33 | 10.15 |
| COP | 4.20 | 3.98 | 3.75 | 3.53 | 3.38 | 3.27 | 2.97 | 2.70 | 2.48 | 2.32 | 2.20 | 2.14 | 2.05 | 1.82 | 1.59 | 1.34 | 1.10 |
| Hi PR | 444.55 | 430.10 | 415.64 | 401.18 | 392.50 | 386.72 | 372.26 | 357.80 | 343.34 | 328.88 | 314.42 | 305.74 | 299.96 | 285.50 | 271.04 | 256.58 | 242.12 |
| LO PR | 195.87 | 183.68 | 171.50 | 159.31 | 152.00 | 147.13 | 134.94 | 122.75 | 110.57 | 98.38 | 86.19 | 78.88 | 74.01 | 61.82 | 49.64 | 37.45 | 25.26 |

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

Amps = Outdoor unit amps (comp.+fan)

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

kW = Total system power

GPHM34841

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|-------|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 55.66 | 52.26 | 48.91 | 45.62 | 43.50 | 41.96 | 38.09 | 34.44 | 31.45 | 29.25 | 27.66 | 26.80 | 25.69 | 22.90 | 20.12 | 17.34 | 14.55 |
| T/R | 30.97 | 29.36 | 27.75 | 26.14 | 25.18 | 24.30 | 22.05 | 19.93 | 18.20 | 16.93 | 16.01 | 15.51 | 14.86 | 13.25 | 11.64 | 10.03 | 8.42 |
| KW | 3.83 | 3.82 | 3.80 | 3.78 | 3.77 | 3.77 | 3.75 | 3.73 | 3.71 | 3.70 | 3.68 | 3.67 | 3.66 | 3.65 | 3.63 | 3.61 | 3.60 |
| AMPS | 14.13 | 14.05 | 13.98 | 13.90 | 13.86 | 13.83 | 13.76 | 13.68 | 13.61 | 13.54 | 13.46 | 13.42 | 13.39 | 13.32 | 13.24 | 13.17 | 13.10 |
| COP | 4.26 | 4.01 | 3.77 | 3.54 | 3.38 | 3.27 | 2.98 | 2.71 | 2.48 | 2.32 | 2.20 | 2.14 | 2.05 | 1.84 | 1.62 | 1.41 | 1.19 |
| Hi PR | 452.14 | 437.44 | 422.73 | 408.02 | 399.20 | 393.32 | 378.61 | 363.90 | 349.20 | 334.49 | 319.78 | 310.96 | 305.08 | 290.37 | 275.67 | 260.96 | 246.25 |
| LO PR | 194.20 | 182.11 | 170.03 | 157.95 | 150.70 | 145.87 | 133.79 | 121.70 | 109.62 | 97.54 | 85.46 | 78.21 | 73.38 | 61.29 | 49.21 | 37.13 | 25.05 |

GPHM36041

HIGH STAGE

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|-------|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 72.39 | 67.44 | 62.98 | 57.89 | 54.50 | 49.05 | 36.64 | 26.32 | 18.07 | 11.48 | 6.02 | 3.10 | -0.33 | -8.89 | -17.46 | -26.03 | -34.59 |
| T/R | 36.23 | 33.75 | 31.52 | 28.97 | 27.28 | 24.55 | 18.34 | 13.17 | 9.05 | 5.75 | 3.01 | 1.55 | -0.16 | -4.45 | -8.74 | -13.03 | -17.32 |
| KW | 7.31 | 6.59 | 5.87 | 5.16 | 4.73 | 4.44 | 3.72 | 3.01 | 2.29 | 1.57 | 0.85 | 0.42 | 0.14 | -0.58 | -1.30 | -2.01 | -2.73 |
| AMPS | 28.83 | 25.71 | 22.60 | 19.48 | 17.61 | 16.36 | 13.25 | 10.13 | 7.01 | 3.90 | 0.78 | -1.09 | -2.34 | -5.45 | -8.57 | -11.69 | -14.80 |
| COP | 2.90 | 3.00 | 3.14 | 3.29 | 3.38 | 3.24 | 2.89 | 2.57 | 2.31 | 2.14 | 2.06 | 2.14 | -0.69 | 4.50 | 3.95 | 3.79 | 3.71 |
| Hi PR | 485.33 | 469.54 | 453.76 | 437.97 | 428.50 | 422.19 | 406.40 | 390.61 | 374.83 | 359.04 | 343.26 | 333.78 | 327.47 | 311.68 | 295.90 | 280.11 | 264.33 |
| LO PR | 190.33 | 178.49 | 166.65 | 154.80 | 147.70 | 142.96 | 131.12 | 119.28 | 107.44 | 95.60 | 83.76 | 76.65 | 71.91 | 60.07 | 48.23 | 36.39 | 24.55 |

GPHM36041

LOW STAGE

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|-------|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 52.22 | 48.65 | 45.43 | 41.76 | 39.32 | 35.35 | 26.34 | 18.85 | 12.86 | 8.07 | 4.10 | 1.98 | -0.51 | -6.73 | -12.96 | -19.18 | -25.40 |
| T/R | 35.42 | 33.00 | 30.82 | 28.33 | 26.67 | 23.98 | 17.87 | 12.78 | 8.72 | 5.48 | 2.78 | 1.34 | -0.35 | -4.57 | -8.79 | -13.01 | -17.23 |
| KW | 4.24 | 3.82 | 3.40 | 2.98 | 2.73 | 2.56 | 2.14 | 1.72 | 1.31 | 0.89 | 0.47 | 0.22 | 0.05 | -0.37 | -0.79 | -1.21 | -1.63 |
| AMPS | 16.26 | 14.44 | 12.62 | 10.80 | 9.70 | 8.98 | 7.15 | 5.33 | 3.51 | 1.69 | -0.13 | -1.22 | -1.95 | -3.77 | -5.59 | -7.42 | -9.24 |
| COP | 3.61 | 3.73 | 3.92 | 4.11 | 4.22 | 4.04 | 3.60 | 3.20 | 2.89 | 2.67 | 2.57 | 2.68 | -3.03 | 5.34 | 4.82 | 4.66 | 4.58 |
| Hi PR | 470.35 | 455.05 | 439.75 | 424.45 | 415.27 | 409.15 | 393.86 | 378.56 | 363.26 | 347.96 | 332.66 | 323.48 | 317.36 | 302.06 | 286.76 | 271.47 | 256.17 |
| LO PR | 186.98 | 175.35 | 163.72 | 152.08 | 145.10 | 140.45 | 128.82 | 117.18 | 105.55 | 93.92 | 82.28 | 75.30 | 70.65 | 59.02 | 47.38 | 35.75 | 24.12 |

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

Amps = Outdoor unit amps (comp.+fan)

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

kW = Total system power

GPHM32441**

| SETUP | MOTOR TAP | VOLTS | STATIC | | | | | | | | |
|---------------------|-----------|-------|--------|------|------|------|------|------|------|------|------|
| | | | | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 |
| HORIZONTAL POSITION | T1 | 230 | CFM | 847 | 792 | 728 | 638 | - | - | - | - |
| | | | Watts | 76 | 84 | 94 | 102 | - | - | - | - |
| | T2/T3 | 230 | CFM | 1114 | 1068 | 1017 | 964 | 901 | 829 | 751 | 667 |
| | | | Watts | 138 | 147 | 155 | 164 | 173 | 181 | 188 | 194 |
| | T4/T5 | 230 | CFM | 1371 | 1316 | 1281 | 1240 | 1186 | 1133 | 1072 | 1000 |
| | | | Watts | 235 | 243 | 252 | 261 | 266 | 275 | 284 | 293 |
| DOWNSHOT POSITION | T1 | 230 | CFM | 828 | 767 | 680 | 574 | - | - | - | - |
| | | | Watts | 75 | 85 | 95 | 104 | - | - | - | - |
| | T2/T3 | 230 | CFM | 1085 | 1019 | 960 | 888 | 913 | 713 | 657 | 601 |
| | | | Watts | 136 | 144 | 152 | 162 | 173 | 180 | 185 | 191 |
| | T4/T5 | 230 | CFM | 1355 | 1300 | 1254 | 1201 | 1147 | 1084 | 1007 | 899 |
| | | | Watts | 244 | 253 | 260 | 268 | 276 | 285 | 294 | 303 |

GPHM33041**

| SETUP | MOTOR TAP | VOLTS | STATIC | | | | | | | | |
|---------------------|-----------|-------|--------|------|------|------|------|------|------|------|------|
| | | | | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 |
| HORIZONTAL POSITION | T1 | 230 | CFM | 877 | 821 | 758 | 974 | 596 | 531 | 481 | - |
| | | | Watts | 84 | 92 | 99 | 110 | 118 | 125 | 130 | - |
| | T2/T3 | 230 | CFM | 1347 | 1295 | 1243 | 1190 | 1134 | 1079 | 1010 | 938 |
| | | | Watts | 228 | 236 | 245 | 252 | 259 | 266 | 275 | 283 |
| | T4/T5 | 230 | CFM | 1463 | 1419 | 1376 | 1329 | 1282 | 1235 | 1183 | 1126 |
| | | | Watts | 284 | 294 | 302 | 309 | 317 | 325 | 333 | 340 |
| DOWNSHOT POSITION | T1 | 230 | CFM | 859 | 797 | 719 | 619 | 552 | 497 | 437 | - |
| | | | Watts | 83 | 92 | 101 | 111 | 118 | 122 | 127 | - |
| | T2/T3 | 230 | CFM | 1302 | 1257 | 1198 | 1148 | 1089 | 1023 | 936 | 844 |
| | | | Watts | 220 | 228 | 238 | 246 | 254 | 263 | 273 | 282 |
| | T4/T5 | 230 | CFM | 1439 | 1396 | 1341 | 1294 | 1246 | 1185 | 1119 | 1047 |
| | | | Watts | 288 | 297 | 305 | 313 | 322 | 330 | 339 | 347 |

GPHM33641**

| SETUP | MOTOR TAP | VOLTS | STATIC | | | | | | | | |
|---------------------|-----------|-------|--------|------|------|------|------|------|------|------|------|
| | | | | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 |
| HORIZONTAL POSITION | T1 | 230 | CFM | 850 | 795 | 726 | 640 | 559 | - | - | - |
| | | | Watts | 76 | 85 | 93 | 103 | 110 | - | - | - |
| | T2/T3 | 230 | CFM | 1438 | 1393 | 1354 | 1304 | 1258 | 1209 | 1154 | 1089 |
| | | | Watts | 271 | 280 | 291 | 296 | 305 | 312 | 320 | 329 |
| | T4/T5 | 230 | CFM | 1604 | 1560 | 1507 | 1468 | 1415 | 1364 | 1321 | 1276 |
| | | | Watts | 396 | 402 | 408 | 424 | 426 | 433 | 444 | 454 |
| DOWNSHOT POSITION | T1 | 230 | CFM | 825 | 762 | 686 | 577 | 523 | - | - | - |
| | | | Watts | 77 | 87 | 97 | 105 | 111 | - | - | - |
| | T2/T3 | 230 | CFM | 1436 | 1389 | 1338 | 1289 | 1241 | 1186 | 1122 | 1053 |
| | | | Watts | 281 | 290 | 298 | 307 | 315 | 325 | 334 | 343 |
| | T4/T5 | 230 | CFM | 1595 | 1555 | 1506 | 1462 | 1415 | 1370 | 1319 | 1260 |
| | | | Watts | 382 | 391 | 399 | 408 | 418 | 426 | 435 | 444 |

GPHM34241**

| SETUP | MOTOR TAP | VOLTS | STATIC | | | | | | | | |
|---------------------|-----------|-------|--------|------|------|------|------|------|------|------|------|
| | | | | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 |
| HORIZONTAL POSITION | T1 | 230 | CFM | 1003 | 937 | 887 | 837 | 773 | 699 | 634 | 574 |
| | | | Watts | 100 | 106 | 116 | 129 | 142 | 154 | 162 | 171 |
| | T2/T3 | 230 | CFM | 1534 | 1492 | 1453 | 1410 | 1372 | 1330 | 1287 | 1236 |
| | | | Watts | 257 | 269 | 279 | 290 | 301 | 311 | 322 | 334 |
| | T4/T5 | 230 | CFM | 1799 | 1754 | 1712 | 1672 | 1630 | 1582 | 1534 | 1482 |
| | | | Watts | 419 | 430 | 442 | 453 | 462 | 469 | 475 | 481 |
| DOWNSHOT POSITION | T1 | 230 | CFM | 981 | 918 | 850 | 761 | 687 | 613 | 553 | 488 |
| | | | Watts | 100 | 113 | 126 | 138 | 153 | 161 | 171 | 179 |
| | T2/T3 | 230 | CFM | 1490 | 1433 | 1371 | 1318 | 1260 | 1197 | 1121 | 1023 |
| | | | Watts | 258 | 273 | 285 | 297 | 309 | 323 | 335 | 347 |
| | T4/T5 | 230 | CFM | 1786 | 1728 | 1678 | 1629 | 1577 | 1517 | 1453 | 1385 |
| | | | Watts | 419 | 432 | 445 | 457 | 468 | 474 | 482 | 490 |

GPHM34841**

| SETUP | MOTOR TAP | VOLTS | STATIC | | | | | | | | |
|---------------------|-----------|-------|--------|------|------|------|------|------|------|------|------|
| | | | | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 |
| HORIZONTAL POSITION | T1 | 230 | CFM | 1177 | 1123 | 1077 | 1031 | 972 | - | - | - |
| | | | Watts | 142 | 151 | 162 | 173 | 185 | - | - | - |
| | T2/T3 | 230 | CFM | 1825 | 1785 | 1748 | 1713 | 1674 | 1610 | 1609 | 1544 |
| | | | Watts | 439 | 448 | 460 | 470 | 480 | 488 | 489 | 498 |
| | T4/T5 | 230 | CFM | 1984 | 1947 | 1975 | 1864 | 1823 | 1781 | 1741 | 1694 |
| | | | Watts | 567 | 578 | 590 | 596 | 603 | 610 | 618 | 623 |
| DOWNSHOT POSITION | T1 | 230 | CFM | 1168 | 1101 | 1045 | 979 | 913 | - | - | - |
| | | | Watts | 144 | 155 | 168 | 182 | 197 | - | - | - |
| | T2/T3 | 230 | CFM | 1829 | 1771 | 1720 | 1670 | 1613 | 1556 | 1493 | 1426 |
| | | | Watts | 440 | 452 | 465 | 478/ | 486 | 494 | 501 | 510 |
| | T4/T5 | 230 | CFM | 2004 | 1949 | 1892 | 1837 | 1782 | 1728 | 1674 | 1616 |
| | | | Watts | 564 | 577 | 587 | 594 | 603 | 612 | 620 | 628 |

GPHM36041**

| SETUP | MOTOR TAP | VOLTS | STATIC | | | | | | | | |
|---------------------|-----------|-------|--------|------|------|------|------|------|------|------|------|
| | | | | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 |
| HORIZONTAL POSITION | T1 | 230 | CFM | 1488 | 1448 | 1410 | 1371 | 1336 | 1293 | 1254 | 1204 |
| | | | Watts | 270 | 279 | 290 | 305 | 318 | 330 | 343 | 356 |
| | T2/T3 | 230 | CFM | 2029 | 1991 | 1956 | 1920 | 1876 | 1829 | 1801 | 1766 |
| | | | Watts | 616 | 622 | 631 | 638 | 648 | 656 | 671 | 682 |
| | T4/T5 | 230 | CFM | 2199 | 2161 | 2126 | 2090 | 2056 | 2018 | 1982 | 1949 |
| | | | Watts | 801 | 809 | 817 | 828 | 838 | 851 | 858 | 873 |
| DOWNSHOT POSITION | T1 | 230 | CFM | 1399 | 1361 | 1326 | 1289 | 1256 | 1215 | 1179 | 1132 |
| | | | Watts | 277 | 286 | 298 | 312 | 326 | 338 | 351 | 365 |
| | T2/T3 | 230 | CFM | 1907 | 1872 | 1839 | 1804 | 1763 | 1719 | 1692 | 1660 |
| | | | Watts | 632 | 638 | 646 | 654 | 664 | 672 | 688 | 699 |
| | T4/T5 | 230 | CFM | 2067 | 2031 | 1999 | 1964 | 1932 | 1897 | 1863 | 1832 |
| | | | Watts | 821 | 829 | 838 | 849 | 859 | 872 | 880 | 895 |

NOTES:

1. Data shown is dry coil. Wet coil pressure drop is approximately 0.2" H₂O, for three-row indoor coil; and 0.3" H₂O, for four-row indoor coil.
2. Data shown does not include filter pressure drop, approx. 0.08" H₂O.
3. Reduce airflow by 2% for 208V operation.
4. ALL MODELS SHOULD RUN NO LESS THAN 300 CFM/TON.
5. For high static applications, see blower performance table for selecting appropriate speed tap.

HEAT KIT ELECTRICAL DATA (BLOWER ONLY, HEAT MODE)

| MODEL AND HEAT KIT USAGE | CIRCUIT #1 | | CIRCUIT #2 | | SINGLE-POINT KIT | | ACTUAL kW / BTU@ 240V |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|
| | MCA ¹ | MOD ² | MCA ¹ | MOD ² | MCA ¹ | MOP ² | |
| GPHM32441* | 4.3 | --- | --- | --- | -- | -- | --- |
| HKP-05C* | 21 / 25 | 25 / 25 | --- | --- | 46.3 | 50 | 4.75 / 16,200 |
| HKR-08C* | 32 / 36 | 35 / 40 | --- | --- | 58.1 | 60 | 7.0 / 23,800 |
| HKP-10C* | 43 / 49 | 45 / 50 | --- | --- | 71.1 | 80 | 9.5 / 32,400 |
| GPHM33041* | 4.3 | --- | --- | --- | -- | -- | --- |
| HKP-05C* | 21 / 25 | 25 / 25 | --- | --- | 48 | 50 | 4.75 / 16,200 |
| HKR-08C* | 32 / 36 | 35 / 40 | --- | --- | 59.7 | 60 | 7.0 / 23,800 |
| HKP-10C* | 43 / 49 | 45 / 50 | --- | --- | 72.7 | 80 | 9.5 / 32,400 |
| HKP-15C* | 43 / 49 | 45 / 50 | 21 / 25 | 25 / 25 | 97.4 | 100 | 14.25 / 48,600 |
| GPHM33641* | 4.3 | --- | --- | --- | -- | -- | --- |
| HKP-05C* | 21 / 25 | 25 / 25 | --- | --- | 51 | 60 | 4.75 / 16,200 |
| HKR-08C* | 32 / 36 | 35 / 40 | --- | --- | 63 | 70 | 7.0 / 23,800 |
| HKP-10C* | 43 / 49 | 45 / 50 | --- | --- | 76 | 80 | 9.5 / 32,400 |
| HKP-15C* | 43 / 49 | 45 / 50 | 21 / 25 | 25 / 25 | 101 | 110 | 14.25 / 48,600 |
| GPHM34241* | 5.8 | --- | --- | --- | -- | -- | --- |
| HKP-05C* | 21 / 25 | 25 / 25 | --- | --- | 54 | 60 | 4.75 / 16,200 |
| HKR-08C* | 32 / 36 | 35 / 40 | --- | --- | 66 | 70 | 7.0 / 23,800 |
| HKP-10C* | 43 / 49 | 45 / 50 | --- | --- | 79 | 80 | 9.5 / 32,400 |
| HKP-15C* | 43 / 49 | 45 / 50 | 21 / 25 | 25 / 25 | 104 | 110 | 14.25 / 48,600 |
| GPHM34841* | 5.8 | --- | --- | --- | -- | -- | --- |
| HKP-05C* | 21 / 25 | 25 / 25 | --- | --- | 59 | 70 | 4.75 / 16,200 |
| HKR-08C* | 32 / 36 | 35 / 40 | --- | --- | 71 | 80 | 7.0 / 23,800 |
| HKP-10C* | 43 / 49 | 45 / 50 | --- | --- | 84 | 90 | 9.5 / 32,400 |
| HKP-15C* | 43 / 49 | 45 / 50 | 21 / 25 | 25 / 25 | 109 | 110 | 14.25 / 48,600 |
| HKP-20C | 43 / 49 | 45 / 50 | 43 / 49 | 45 / 50 | 133 | 150 | 19.0 / 64,800 |
| GPHM36041* | 7.6 | --- | --- | --- | -- | -- | --- |
| HKP-05C* | 21 / 25 | 25 / 25 | --- | --- | 69 | 90 | 4.75 / 16,200 |
| HKR-08C* | 32 / 36 | 35 / 40 | --- | --- | 80 | 100 | 7.0 / 23,800 |
| HKP-10C* | 43 / 49 | 45 / 50 | --- | --- | 94 | 110 | 9.5 / 32,400 |
| HKP-15C* | 43 / 49 | 45 / 50 | 21 / 25 | 25 / 25 | 118 | 125 | 14.25 / 48,600 |
| HKP-20C | 43 / 49 | 45 / 50 | 43 / 49 | 45 / 50 | 142 | 150 | 19.0 / 64,800 |

¹ Minimum Circuit Ampacity @ 208 / 240 V

² Maximum Overcurrent Protection Device @ 208 / 240 V

* Revision level that may or may not be designated

C Circuit breaker option

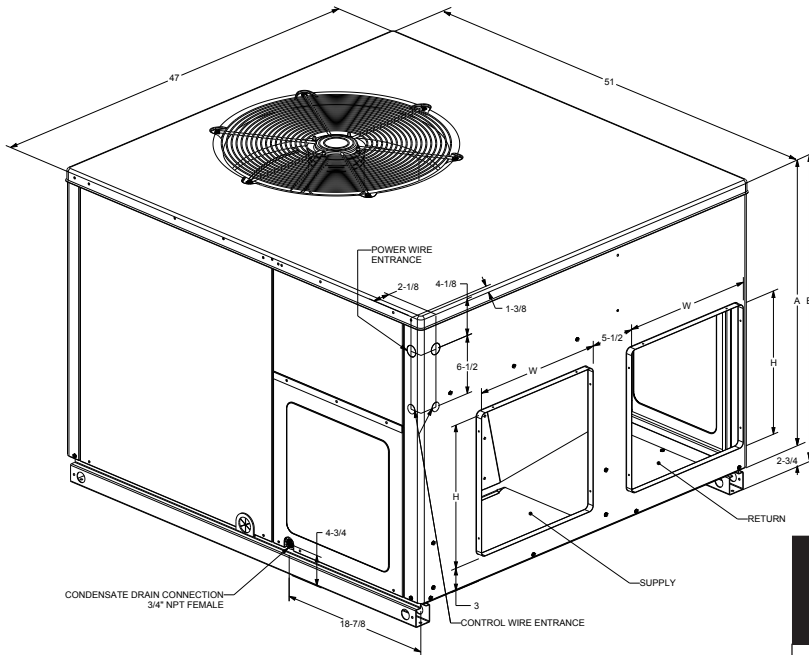
^ Heat Kit requires three-phase power supply

NOTE: HKP-15C* and HKP-20C* replace HKR-15C and HKR-20C respectively to meet new UL1995 requirements.

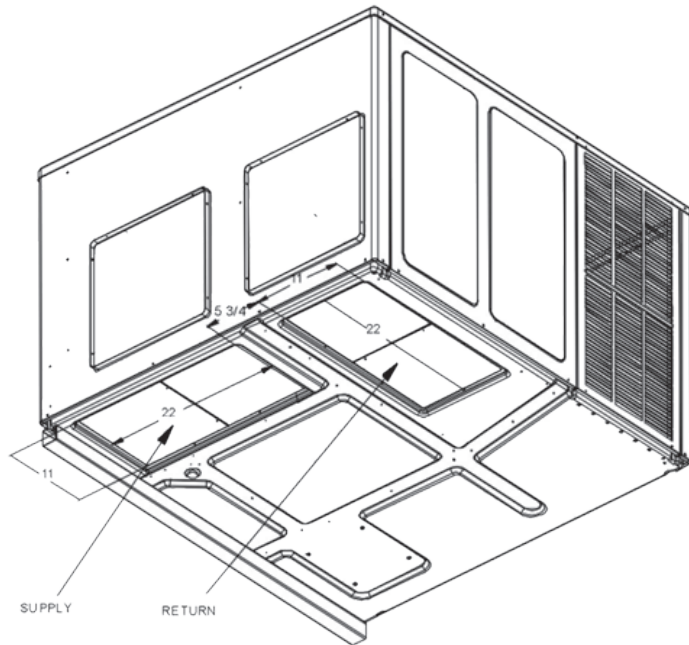
HEATING KW CORRECTION FACTOR

| | | | | | |
|-------------------|-----|------|------|------|------|
| SUPPLY VOTAGE | 240 | 230 | 220 | 210 | 208 |
| CORRECTION FACTOR | 1.0 | 0.93 | 0.85 | 0.78 | 0.76 |

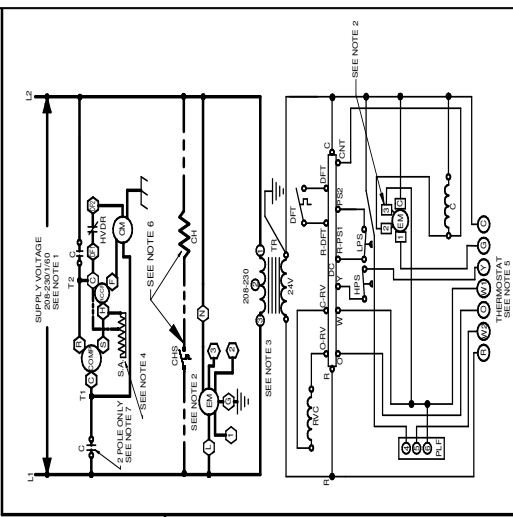
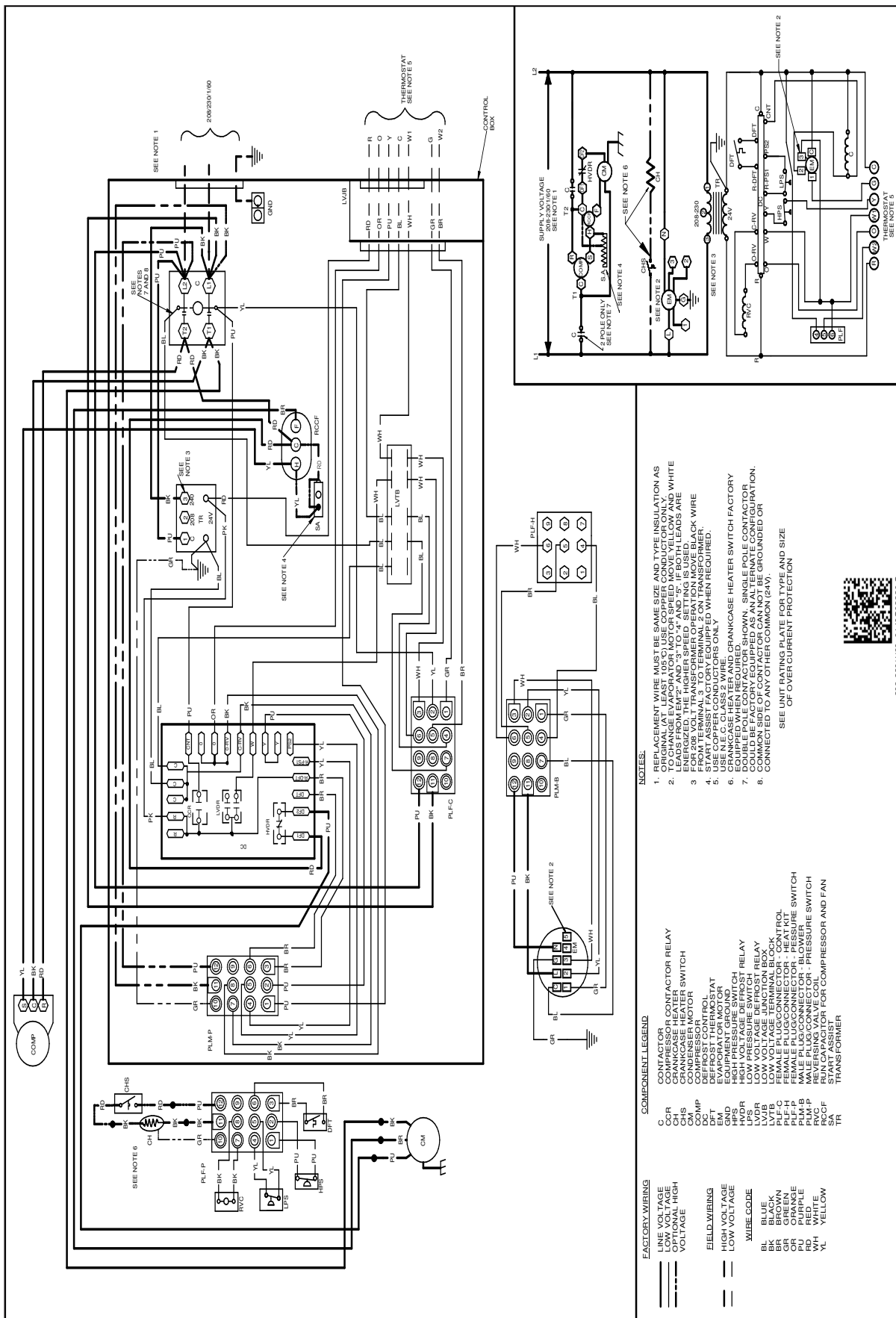
Multiply rated kW by correction factor to get actual kW



| MODEL | UNIT DIMENSIONS (INCHES) | | | | CHASSIS SIZE |
|-------------|--------------------------|----|--------|------------------|--------------|
| | | | HEIGHT | | |
| | W | D | A | B | |
| GPHM32441** | 47 | 51 | 32 | 34 $\frac{3}{4}$ | Medium |
| GPHM33041** | 47 | 51 | 32 | 34 $\frac{3}{4}$ | Medium |
| GPHM33641** | 47 | 51 | 32 | 34 $\frac{3}{4}$ | Medium |
| GPHM34241** | 47 | 51 | 40 | 42 $\frac{3}{4}$ | Large |
| GPHM34841** | 47 | 51 | 40 | 42 $\frac{3}{4}$ | Large |
| GPHM36041** | 47 | 51 | 40 | 42 $\frac{3}{4}$ | Large |



| MODEL | DUCT OPENINGS | | | |
|-------------|---------------|----|--------|----|
| | SUPPLY | | RETURN | |
| | W | H | W | H |
| GPHM32441** | 16 | 16 | 16 | 16 |
| GPHM33041** | 16 | 16 | 16 | 16 |
| GPHM33641** | 16 | 16 | 16 | 16 |
| GPHM34241** | 16 | 18 | 16 | 18 |
| GPHM34841** | 16 | 18 | 16 | 18 |
| GPHM36041** | 16 | 18 | 16 | 18 |



- NOTES:**
1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL.
 2. TO CHANGE EVAPORATOR MOTOR SPEED MOVE YELLOW AND WHITE WIRE TO THE OTHER SPEED TAP ON THE MOTOR. THE HIGHER SPEED IS USED.
 3. FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE TO THE OTHER COMMON TAP ON THE TRANSFORMER.
 4. START ASSIST FACTORY EQUIPPED WHEN REQUIRED.
 5. USE COPPER GROUND WIRES ONLY.
 6. CRANKCASE HEATER AND CRANKCASE HEATER SWITCH FACTORY EQUIPPED WHEN REQUIRED.
 7. DOUBLE POLE CONTACTOR SHOWN. SINGLE POLE CONTACTOR COULD BE FACTORY EQUIPPED AS AN ALTERNATE CONFIGURATION.
 8. CONNECTED TO ANY OTHER COMMON (24V).
- SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION

COMPONENT LEGEND

| | |
|-------|---|
| C | CONTACTOR |
| CCR | COMPRESSOR CONTACTOR RELAY |
| CHS | CRANKCASE HEATER SWITCH |
| COMP | COMPRESSOR |
| DC | DEFROST CONTROL |
| EM | EVAPORATOR MOTOR |
| GHS | HIGH PRESSURE SWITCH |
| HVDR | HIGH VOLTAGE DEFROST RELAY |
| LVDR | LOW VOLTAGE DEFROST RELAY |
| LVRB | LOW VOLTAGE REVERSE SWITCH |
| PLF-C | FEMALE PLUG CONNECTOR - CONTROL |
| PLF-B | FEMALE PLUG CONNECTOR - PRESSURE SWITCH |
| PLF-M | MALE PLUG CONNECTOR - BLOWER |
| RVC | REVERSING VALVE COIL |
| RSCF | START ASSIST |
| TR | TRANSFORMER |

FACTORY WIRING

| | |
|-----|-----------------|
| --- | LINE VOLTAGE |
| --- | LOW VOLTAGE |
| --- | CONTROL VOLTAGE |

FIELD WIRING

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

WIRE CODE

| | |
|----|--------|
| BK | BLACK |
| BL | BLUE |
| BR | BROWN |
| OR | ORANGE |
| PU | PURPLE |
| WH | WHITE |
| YL | YELLOW |



208-230/1/60 01-140303220-C

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

WARNING

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

| ACCESSORY DESCRIPTION | ITEM NUMBER | |
|--|----------------|---------------|
| | MEDIUM CHASSIS | LARGE CHASSIS |
| Concentric Kit | CDK36 | CDK4872 |
| Downflow Economizer | GPJMED102 | GPJMED103 |
| Downflow Internal Filter Rack | DDNIFRPCHMM | DDNIFRPCHML |
| Downflow Manual Damper | PGMDD101/102 | PGMDD103 |
| Downflow Motorized Damper | PGMDMD101/102 | PGMDMD103 |
| Downflow Square to Round | SQRPG101/102 | SQRPG103 |
| Economizer Wiring Harness (2-4 Ton) | 0259G00215 | 0259G00215 |
| Economizer Wiring Harness (5 Ton) | N/A | 0259L00411 |
| External Horizontal Filter Rack | DPHFRA | DPHFRA |
| Horizontal Duct Cover | 20464501PDGK | 20464502PDGK |
| Horizontal Economizer | DHZECNJPGCHM | DHZECNJPGCHL |
| Horizontal Manual Damper | PGMDH102 | PGMDH103 |
| Horizontal Motorized Damper | PGMDMH102 | PGMDMH103 |
| Horizontal Square to Round | SQRPGH101/102 | SQRPGH103 |
| Outdoor Thermostat Kit w/ Lockout Stat | OT18-60A | OT18-60A |
| Roof Curb | D14CRBPGCHMA | D14CRBPGCHMA |

SINGLE-POINT KIT ACCESSORY KITS

Select the single-point kit accessory based on the unit model.

| MODEL | SINGLE-POINT KIT |
|-------------|------------------|
| GPHM32441** | SPK-30 |
| GPHM33041** | SPK-35 |
| GPHM33641** | SPK-35 |
| GPHM34241** | SPK-45 |
| GPHM34841** | SPK-50 |
| GPHM36041** | SPK-60 |

