



Air Conditioning & Heating

PRODUCT SPECIFICATIONS



15 SEER / 80% AFUE

2, 3, 4, & 5 Ton,

COOLING CAPACITIES
23,200 to 56,500 BTU/h

HEATING CAPACITIES
69,000 to 138,000 BTU/h



GPG15 SERIES

SINGLE-PHASE, SELF-CONTAINED PACKAGED GAS/ELECTRIC

The Goodman® GPG15 packaged gas/electric unit uses the environmentally friendly refrigerant R-410A and provides high-efficiency performance at reasonable operating costs. This unit is housed in a heavy-gauge, zinc-coated steel cabinet with a weather-resistant, powder-paint finish and allows for a ground-level or rooftop mount, horizontal or downflow application.

Standard Features

- High-efficiency compressor; two-stage compressor on 3-, 4-, and 5-ton models
- Durable, corrosion-resistant T-140 aluminized steel tubular heat exchanger
- Energy-efficient motor (EEM)
- Fully charged R-410A system
- Copper tube/aluminum fin coil with TXV expansion device
- Redundant two-stage gas valve; natural gas with easy conversion to propane
- Power-assisted combustion
- Direct spark ignition system includes a micro-processor-based control for the entire ignition sequence
- All blower operation and all safety circuits complete with self-diagnostics
- Loss-of-charge protection
- California Low NOx approved
- ARI Certified; ETL Listed



Cabinet Features

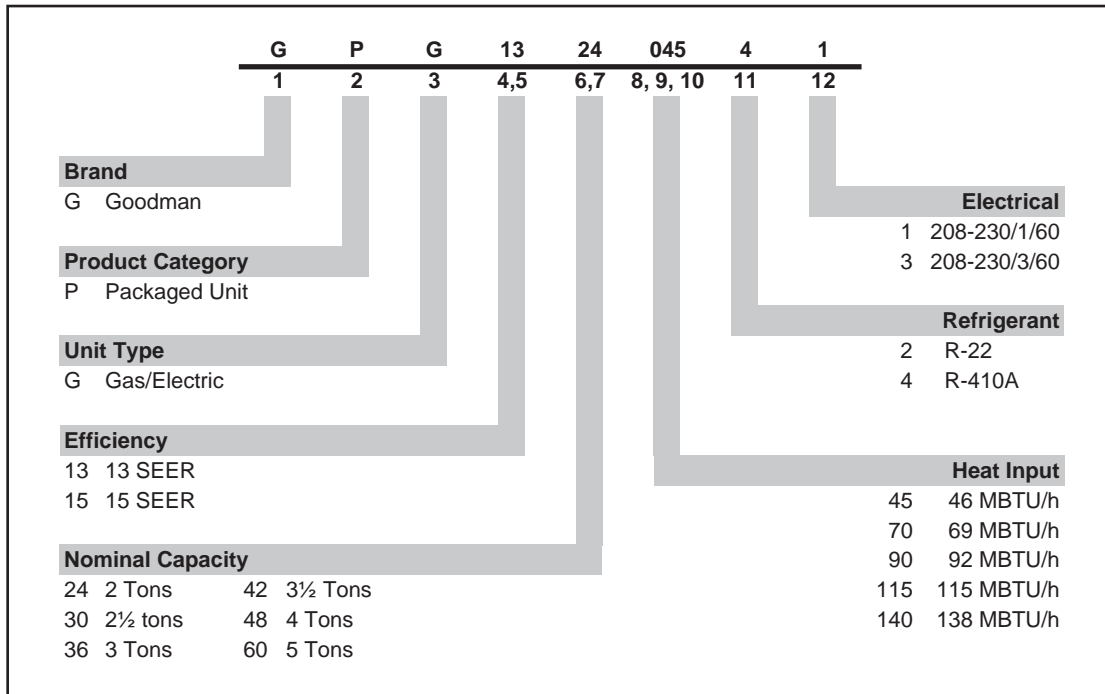
- Fully insulated heavy-gauge, zinc-coated steel cabinet with UV-resistant powder-paint finish
- Horizontal or downflow application
- Convenient access panels
- One roof curb fits all units
- Bottom, 2" high base rails for easier handling
- All models fit a standard-size pick-up truck
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds

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NOMENCLATURE



PERFORMANCE RATINGS

| Model # | Capacity (MBTU/h) | SEER ¹ | EER ² | ARI # |
|----------------|-------------------|-------------------|------------------|---------|
| GPG152407041** | 23,200 | 15 | 12 | 1180687 |
| GPG153609041** | 35,400 | 15 | 11 | 1180688 |
| GPG154811541** | 47,500 | 15 | 11 | 1180689 |
| GPG156014041** | 56,500 | 14 | 10.1 | 1180690 |

¹ Seasonal Energy Efficiency Ratio; Certified per ARI 210/240 @ 80°F/ 67°F/ 95°F

² Energy Efficiency Ratio @ 80°F/ 67°F/ 95°F

Important EnergyStar Notice: Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet EnergyStar criteria. Ask your contractor for details or visit www.energystar.gov.

SPECIFICATIONS

| | GPG15 2407041** | GPG15 3609041** | GPG15 4811541** | GPG15 6014041** |
|---------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Cooling Capacity (BTU/h) | | | | |
| Total ^{2 3} | 23,200 | 35,400 | 47,500 | 56,500 |
| Sensible ^{2 3} | 18,500 | 27,500 | 37,000 | 44,000 |
| EER ^{2 3} | 12.0 | 11 | 11 | 10.1 |
| Total ^{2 4} | N/A | 38,500 | 52,000 | 62,000 |
| EER ^{1 4} / SEER | N/A / 15.0 | 15.8 / 15.0 | 15.5 / 15.0 | 14.4 / 14.0 |
| Decibels | 76.0 | 76.0 | 78.0 | 78.0 |
| Heating Capacity (BTU/h) | | | | |
| Input ² | 69,000 | 92,000 | 115,000 | 138,000 |
| Output ² | 55,000 | 72,900 | 91,200 | 110,200 |
| AFUE | 80.0 | 80.0 | 80.0 | 80.0 |
| Temperature Rise Range | 35 - 65 | 45 - 75 | 45 - 75 | 45 - 75 |
| No. of Burners | 3.0 | 4.0 | 5.0 | 6.0 |
| Orifice Size (Natural/Propane) | 43 / 55 | 43 / 55 | 43 / 55 | 43 / 55 |
| Input ¹ | 51,500 | 69,000 | 86,000 | 103,500 |
| Output ¹ | 40,500 | 54,500 | 68,000 | 82,000 |
| Evaporator Motor | | | | |
| Type | EEM (X-13) | EEM (X-13) | EEM (X-13) | EEM (X-13) |
| Wheel (DxW) | 10" x 8" | 10" x 9" | 11" x 10" | 11" x 10" |
| Indoor Nominal CFM | 845 | 800 / 1,225 | 1,100 / 1,510 | 1,300 / 1,810 |
| Motor Speed Tap (Cooling) | T4 | T3, T4 | T3, T4 | T3, T4 |
| RPM / Amps (Cooling) | 724 / 1.21 | 640 / 0.98; 960 / 3.06 | 647 / 1.66; 890 / 3.80 | 778 / 1.98; 1,030 / 5.7 |
| Horsepower-RPM | ½ / 1,050 | ½ / 1,050 | ¾ / 1,050 | 1 / 1,050 |
| Evaporator Coil | | | | |
| Face Area (ft ²) | 4.33 | 4.33 | 5.67 | 5.67 |
| Rows Deep / Fin per Inch | 2 / 14 | 4 / 14 | 4 / 14 | 4 / 14 |
| Expansion Device | TXV | TXV | TXV | TXV |
| Filter Size (ft ²) | 2.7 | 4.2 | 5.1 | 6.3 |
| Drain Size (NPT) | ¾" | ¾" | ¾" | ¾" |
| Refrigerant Charge (oz.) | 84 | 102 | 172 | 180 |
| Condenser Fan | | | | |
| Horsepower - RPM | 1/6 - 850 | ¼ - 1,075 | ½ - 1,075 | ½ - 1,075 |
| Fan Diameter / # of Fan Blades | 22" / 3 | 22" / 3 | 22" / 4 | 22" / 4 |
| Outdoor Nominal CFM | 2,400 | 2,700 | 3,500 | 3,500 |
| Condenser Coil | | | | |
| Face Area (ft ²) | 12.3 | 12.3 | 15.3 | 15.3 |
| Row Deep / Fins per Inch | 1 / 22 | 1 / 22 | 2 / 16 | 2 / 16 |
| Electrical Data | | | | |
| Voltage/ Phase/ Frequency | 208-230/ 1/ 60 | 208-230/ 1/ 60 | 208-230/ 1/ 60 | 208-230/ 1/ 60 |
| Compressor RLA / LRA | 13.5 / 58.3 | 16.7 / 82 | 21.2 / 96 | 25.8 / 118 |
| Indoor Blower FLA | 4.1 | 4.1 | 6.0 | 7.6 |
| Outdoor Fan FLA / LRA | 1.1 / 1.7 | 1.4 / 2.9 | 2.4 / 5.2 | 2.4 / 5.2 |
| Total Unit Amps | 9.0 | 15.9 | 20.1 | 26.8 |
| Min. Circuit Ampacity | 22.1 | 26.5 | 34.8 | 42.1 |
| Max. Overcurrent Protection | 30 | 40 | 50 | 60 |
| Entrance Size Power Supply | 1½" | 1½" | 1½" | 1½" |
| Entrance Size Control Voltage | ¾" | ¾" | ¾" | ¾" |
| Operating Weight (lbs) | | | | |
| | 417 | 458 | 538 | 543 |
| Ship Weight (lbs) | | | | |
| | 439 | 480 | 560 | 565 |

¹ Single Stage

² Two Stage (or Single Stage 2-ton only)

³ Outdoor Ambient Temperature @ 95°F

⁴ Outdoor Ambient Temperature @ 82°F

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

EVAPORATOR BLOWER SPECIFICATIONS

GPG15 - 2-Ton Models

| Motor Speed | T1 | | | | T2 | | | | T3 | | | | T4 | | | | T5 | | | |
|-------------|-------|-----|-------|------|------|-----|-------|------|------|-----|-------|------|------|-----|-------|------|------|-----|-------|------|
| | E.S.P | CFM | Watts | RPM | Amps | CFM | Watts | RPM | Amps | CFM | Watts | RPM | Amps | CFM | Watts | RPM | Amps | CFM | Watts | RPM |
| 0.1 | 742 | 84 | 600 | 0.75 | 907 | 134 | 678 | 1.18 | 857 | 116 | 656 | 1.04 | 907 | 134 | 678 | 1.18 | 1040 | 185 | 760 | 1.33 |
| 0.2 | 677 | 89 | 649 | 0.82 | 857 | 140 | 723 | 1.24 | 816 | 126 | 704 | 1.16 | 857 | 140 | 723 | 1.24 | 988 | 198 | 800 | 1.40 |
| 0.3 | 631 | 97 | 698 | 0.90 | 814 | 149 | 773 | 1.32 | 760 | 131 | 745 | 1.18 | 814 | 149 | 773 | 1.32 | 949 | 208 | 838 | 1.42 |
| 0.4 | 575 | 101 | 749 | 0.92 | 761 | 154 | 815 | 1.33 | 721 | 140 | 790 | 1.25 | 761 | 154 | 815 | 1.33 | 903 | 213 | 872 | 1.49 |
| 0.5 | 526 | 111 | 788 | 1.01 | 727 | 165 | 860 | 1.41 | 670 | 145 | 836 | 1.31 | 727 | 165 | 860 | 1.41 | 871 | 222 | 916 | 1.55 |
| 0.6 | - | - | - | - | 678 | 169 | 898 | 1.47 | 629 | 155 | 884 | 1.39 | 678 | 169 | 898 | 1.47 | 824 | 228 | 948 | 1.58 |
| 0.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 0.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

GPG15 - 3-Ton Models

| Motor Speed | T1 | | | | T2 | | | | T3 | | | | T4 | | | | T5 | | | |
|-------------|-------|-----|-------|------|------|-----|-------|------|------|-----|-------|------|------|-----|-------|------|------|-----|-------|------|
| | E.S.P | CFM | Watts | RPM | Amps | CFM | Watts | RPM | Amps | CFM | Watts | RPM | Amps | CFM | Watts | RPM | Amps | CFM | Watts | RPM |
| 0.1 | 1065 | 168 | 758 | 1.42 | 1255 | 257 | 859 | 2.10 | 924 | 120 | 692 | 1.08 | 1333 | 304 | 900 | 2.41 | 1418 | 360 | 944 | 2.92 |
| 0.2 | 1003 | 174 | 796 | 1.48 | 1217 | 269 | 893 | 2.19 | 863 | 128 | 734 | 1.14 | 1293 | 314 | 934 | 2.48 | 1375 | 371 | 978 | 3.00 |
| 0.3 | 961 | 185 | 841 | 1.55 | 1165 | 274 | 928 | 2.21 | 812 | 138 | 783 | 1.24 | 1237 | 321 | 963 | 2.54 | 1316 | 376 | 1007 | 3.05 |
| 0.4 | 913 | 195 | 888 | 1.62 | 1113 | 285 | 971 | 2.30 | 745 | 145 | 839 | 1.27 | 1193 | 333 | 1010 | 2.71 | 1279 | 387 | 1037 | 3.13 |
| 0.5 | 855 | 202 | 938 | 1.69 | 1073 | 296 | 1006 | 2.36 | 702 | 154 | 889 | 1.35 | 1158 | 341 | 1035 | 2.77 | 1245 | 392 | 1069 | 3.19 |
| 0.6 | 814 | 212 | 977 | 1.76 | 1018 | 302 | 1044 | 2.41 | 643 | 159 | 933 | 1.37 | 1101 | 345 | 1071 | 2.78 | 1193 | 400 | 1099 | 3.22 |
| 0.7 | 749 | 218 | 1018 | 1.82 | 991 | 313 | 1081 | 2.48 | 601 | 168 | 978 | 1.44 | - | - | - | - | - | - | - | - |
| 0.8 | 713 | 227 | 1059 | 1.87 | - | - | - | - | 502 | 173 | 1025 | 1.52 | - | - | - | - | - | - | - | - |

GPG15 - 4-Ton Models

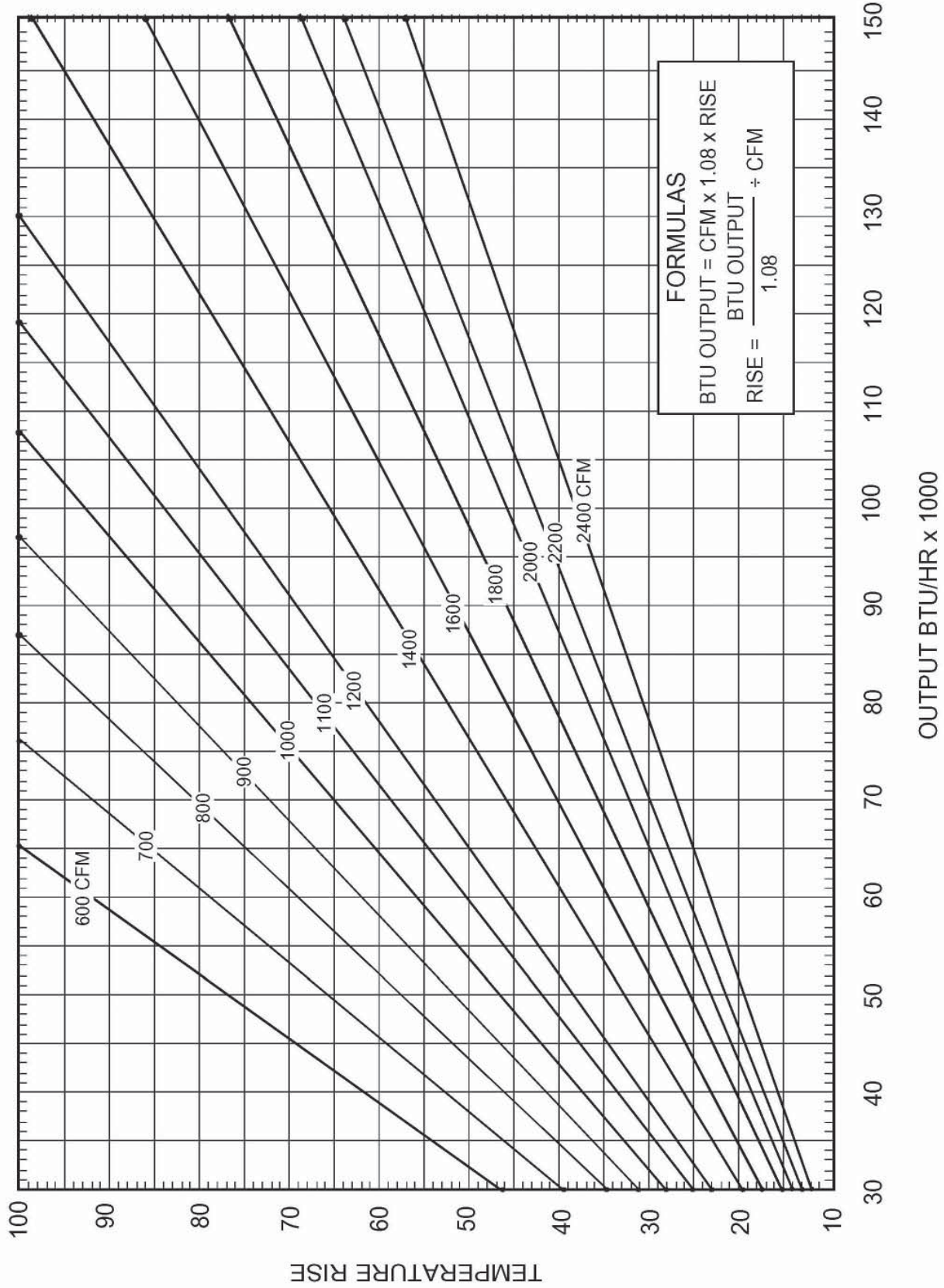
| Motor Speed | T1 | | | | T2 | | | | T3 | | | | T4 | | | | T5 | | | |
|-------------|-------|-----|-------|------|------|-----|-------|------|------|-----|-------|------|------|-----|-------|------|------|-----|-------|------|
| | E.S.P | CFM | Watts | RPM | Amps | CFM | Watts | RPM | Amps | CFM | Watts | RPM | Amps | CFM | Watts | RPM | Amps | CFM | Watts | RPM |
| 0.1 | 1140 | 178 | 642 | 1.52 | 1417 | 305 | 755 | 2.46 | 1140 | 178 | 642 | 1.52 | 1616 | 436 | 840 | 3.34 | 1696 | 503 | 876 | 4.04 |
| 0.2 | 1090 | 188 | 682 | 1.57 | 1374 | 318 | 786 | 2.56 | 1090 | 188 | 682 | 1.57 | 1573 | 449 | 867 | 3.46 | 1650 | 517 | 901 | 4.15 |
| 0.3 | 1038 | 199 | 718 | 1.67 | 1322 | 327 | 816 | 2.68 | 1038 | 199 | 718 | 1.67 | 1527 | 462 | 893 | 3.59 | 1608 | 530 | 926 | 4.25 |
| 0.4 | 980 | 212 | 758 | 1.76 | 1273 | 338 | 846 | 2.72 | 980 | 212 | 758 | 1.76 | 1485 | 474 | 921 | 3.69 | 1566 | 543 | 954 | 4.39 |
| 0.5 | 914 | 220 | 796 | 1.79 | 1224 | 352 | 877 | 2.82 | 914 | 220 | 796 | 1.79 | 1443 | 489 | 948 | 3.8 | 1523 | 556 | 978 | 4.43 |
| 0.6 | 852 | 231 | 837 | 1.9 | 1176 | 365 | 910 | 2.88 | 852 | 231 | 837 | 1.9 | 1399 | 502 | 976 | 3.86 | 1480 | 569 | 1002 | 4.55 |
| 0.7 | 806 | 242 | 871 | 1.97 | 1121 | 379 | 946 | 2.93 | 806 | 242 | 871 | 1.97 | 1356 | 513 | 1002 | 3.99 | 1441 | 580 | 1028 | 4.65 |
| 0.8 | 741 | 248 | 906 | 2.01 | 1068 | 391 | 980 | 2.98 | 741 | 248 | 906 | 2.01 | 1307 | 525 | 1031 | 4.05 | - | - | - | - |

GPG15 - 5-Ton Models

| Motor Speed | T1 | | | | T2 | | | | T3 | | | | T4 | | | | T5 | | | |
|-------------|-------|-----|-------|------|------|-----|-------|------|------|-----|-------|------|------|-----|-------|------|------|-----|-------|------|
| | E.S.P | CFM | Watts | RPM | Amps | CFM | Watts | RPM | Amps | CFM | Watts | RPM | Amps | CFM | Watts | RPM | Amps | CFM | Watts | RPM |
| 0.1 | 1773 | 488 | 892 | 3.64 | 1773 | 488 | 892 | 3.64 | 1379 | 246 | 720 | 1.95 | 1919 | 700 | 1010 | 4.81 | 2115 | 783 | 1034 | 5.54 |
| 0.2 | 1713 | 501 | 921 | 3.73 | 1713 | 501 | 921 | 3.73 | 1322 | 258 | 753 | 2.03 | 1862 | 714 | 1032 | 4.94 | 2078 | 787 | 1034 | 5.57 |
| 0.3 | 1693 | 509 | 944 | 3.78 | 1693 | 509 | 944 | 3.78 | 1268 | 266 | 785 | 2.1 | 1810 | 720 | 1055 | 5.01 | 2009 | 802 | 1070 | 5.67 |
| 0.4 | 1653 | 518 | 964 | 3.84 | 1653 | 518 | 964 | 3.84 | 1187 | 280 | 818 | 2.19 | 1755 | 734 | 1064 | 5.07 | 1953 | 813 | 1090 | 5.87 |
| 0.5 | 1597 | 529 | 988 | 3.91 | 1597 | 529 | 988 | 3.91 | 1133 | 287 | 849 | 2.23 | 1705 | 743 | 1085 | 5.09 | 1933 | 805 | 1102 | 5.77 |
| 0.6 | 1534 | 541 | 1010 | 3.99 | 1534 | 541 | 1010 | 3.99 | 1068 | 294 | 879 | 2.29 | 1647 | 748 | 1105 | 5.16 | - | - | - | - |
| 0.7 | 1485 | 552 | 1035 | 4.09 | 1485 | 552 | 1035 | 4.09 | 1026 | 307 | 911 | 2.38 | - | - | - | - | - | - | - | - |
| 0.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

EVAPORATOR BLOWER SPECIFICATIONS (CONT.)

BTU OUTPUT vs TEMPERATURE RISE CHART



EXPANDED COOLING DATA — GPG1524***41**

| 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 | 951 | MBh | 22.7 | 23.6 | 25.8 | - | 22.2 | 23.0 | 25.2 | - | 21.7 | 22.5 | 24.6 | - | 21.1 | 21.9 | 24.0 | - | 20.1 | 20.8 | 22.8 | - | 18.6 | 19.3 | 21.1 | - |
| | | S/T | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.68 | 0.47 | - | 0.83 | 0.70 | 0.48 | - | 0.86 | 0.72 | 0.50 | - | 0.89 | 0.74 | 0.52 | - | 0.90 | 0.75 | 0.52 | - |
| | ΔT | 17 | 15 | 11 | - | 17 | 15 | 11 | - | 17 | 15 | 11 | - | 18 | 15 | 12 | - | 17 | 15 | 11 | - | 16 | 14 | 11 | - | |
| | kW | 1.51 | 1.54 | 1.59 | - | 1.62 | 1.66 | 1.71 | - | 1.72 | 1.76 | 1.82 | - | 1.82 | 1.86 | 1.92 | - | 1.89 | 1.93 | 2.00 | - | 1.96 | 2.00 | 2.07 | - | |
| | Amps | 7.0 | 7.2 | 7.4 | - | 7.5 | 7.7 | 7.9 | - | 8.0 | 8.2 | 8.4 | - | 8.5 | 8.7 | 8.9 | - | 9.0 | 9.2 | 9.4 | - | 9.4 | 9.6 | 9.9 | - | |
| | Hi PR | 227 | 244 | 257 | - | 254 | 274 | 289 | - | 289 | 311 | 328 | - | 329 | 354 | 374 | - | 370 | 399 | 421 | - | 409 | 440 | 465 | - | |
| | Lo PR | 109 | 116 | 127 | - | 115 | 123 | 134 | - | 120 | 128 | 139 | - | 126 | 134 | 146 | - | 132 | 140 | 153 | - | 137 | 145 | 159 | - | |
| | MBh | 22.1 | 22.9 | 25.1 | - | 21.6 | 22.3 | 24.5 | - | 21.0 | 21.8 | 23.9 | - | 20.5 | 21.3 | 23.3 | - | 19.5 | 20.2 | 22.2 | - | 18.1 | 18.7 | 20.5 | - | |
| | S/T | 0.75 | 0.62 | 0.43 | - | 0.77 | 0.65 | 0.45 | - | 0.79 | 0.66 | 0.46 | - | 0.82 | 0.68 | 0.47 | - | 0.85 | 0.71 | 0.49 | - | 0.86 | 0.72 | 0.50 | - | |
| | ΔT | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 17 | 15 | 11 | - | |
| kW | 1.49 | 1.53 | 1.57 | - | 1.61 | 1.64 | 1.70 | - | 1.71 | 1.75 | 1.80 | - | 1.80 | 1.84 | 1.90 | - | 1.88 | 1.92 | 1.98 | - | 1.94 | 1.99 | 2.05 | - | | |
| Amps | 7.0 | 7.1 | 7.3 | - | 7.4 | 7.6 | 7.8 | - | 8.0 | 8.1 | 8.4 | - | 8.4 | 8.6 | 8.9 | - | 8.9 | 9.1 | 9.3 | - | 9.4 | 9.6 | 9.8 | - | | |
| Hi PR | 224 | 241 | 255 | - | 252 | 271 | 286 | - | 286 | 308 | 325 | - | 326 | 351 | 370 | - | 367 | 395 | 417 | - | 405 | 436 | 460 | - | | |
| Lo PR | 108 | 115 | 126 | - | 114 | 122 | 133 | - | 119 | 126 | 138 | - | 125 | 133 | 145 | - | 131 | 139 | 152 | - | 135 | 144 | 157 | - | | |
| MBh | 20.4 | 21.1 | 23.1 | - | 19.9 | 20.6 | 22.6 | - | 19.4 | 20.1 | 22.1 | - | 19.0 | 19.6 | 21.5 | - | 18.0 | 18.7 | 20.4 | - | 16.7 | 17.3 | 18.9 | - | | |
| S/T | 0.72 | 0.60 | 0.42 | - | 0.75 | 0.62 | 0.43 | - | 0.77 | 0.64 | 0.44 | - | 0.79 | 0.66 | 0.46 | - | 0.82 | 0.69 | 0.47 | - | 0.83 | 0.69 | 0.48 | - | | |
| ΔT | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 19 | 16 | 12 | - | 18 | 16 | 12 | - | 17 | 15 | 11 | - | | |
| kW | 1.46 | 1.49 | 1.54 | - | 1.57 | 1.60 | 1.66 | - | 1.67 | 1.70 | 1.76 | - | 1.76 | 1.79 | 1.85 | - | 1.83 | 1.87 | 1.93 | - | 1.89 | 1.94 | 2.00 | - | | |
| Amps | 6.8 | 7.0 | 7.1 | - | 7.3 | 7.4 | 7.6 | - | 7.8 | 8.0 | 8.2 | - | 8.2 | 8.4 | 8.6 | - | 8.7 | 8.9 | 9.1 | - | 9.1 | 9.3 | 9.6 | - | | |
| Hi PR | 218 | 234 | 247 | - | 244 | 263 | 277 | - | 278 | 299 | 315 | - | 316 | 340 | 359 | - | 356 | 383 | 404 | - | 393 | 423 | 447 | - | | |
| Lo PR | 105 | 112 | 122 | - | 111 | 118 | 129 | - | 115 | 123 | 134 | - | 121 | 129 | 140 | - | 127 | 135 | 147 | - | 131 | 139 | 152 | - | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75 | 951 | MBh | 23.1 | 23.8 | 25.8 | 27.7 | 22.6 | 23.3 | 25.2 | 27.0 | 22.0 | 22.7 | 24.6 | 26.4 | 21.5 | 22.1 | 24.0 | 25.7 | 20.4 | 21.0 | 22.8 | 24.4 | 18.9 | 19.5 | 21.1 | 22.6 |
| | | S/T | 0.89 | 0.80 | 0.60 | 0.39 | 0.92 | 0.83 | 0.62 | 0.40 | 0.95 | 0.85 | 0.64 | 0.41 | 0.98 | 0.87 | 0.66 | 0.43 | 1.00 | 0.91 | 0.69 | 0.44 | 1.00 | 0.91 | 0.69 | 0.45 |
| | ΔT | 20 | 18 | 15 | 10 | 20 | 19 | 15 | 10 | 20 | 19 | 15 | 11 | 20 | 19 | 15 | 11 | 20 | 18 | 15 | 10 | 18 | 17 | 14 | 10 | |
| | kW | 1.52 | 1.55 | 1.60 | 1.65 | 1.64 | 1.67 | 1.72 | 1.78 | 1.74 | 1.78 | 1.84 | 1.90 | 1.83 | 1.87 | 1.93 | 2.00 | 1.91 | 1.95 | 2.02 | 2.08 | 1.98 | 2.02 | 2.09 | 2.16 | |
| | Amps | 7.1 | 7.2 | 7.4 | 7.6 | 7.6 | 7.7 | 7.9 | 8.2 | 8.1 | 8.3 | 8.5 | 8.8 | 8.6 | 8.7 | 9.0 | 9.3 | 9.0 | 9.2 | 9.5 | 9.8 | 9.5 | 9.7 | 10.0 | 10.3 | |
| | Hi PR | 229 | 246 | 260 | 271 | 257 | 276 | 292 | 304 | 292 | 314 | 332 | 346 | 333 | 358 | 378 | 394 | 374 | 403 | 425 | 443 | 413 | 445 | 470 | 490 | |
| | Lo PR | 110 | 117 | 128 | 136 | 117 | 124 | 135 | 144 | 121 | 129 | 141 | 150 | 127 | 135 | 148 | 157 | 133 | 142 | 155 | 165 | 138 | 147 | 160 | 171 | |
| | MBh | 22.4 | 23.1 | 25.0 | 26.8 | 21.9 | 22.6 | 24.4 | 26.2 | 21.4 | 22.0 | 23.9 | 25.6 | 20.9 | 21.5 | 23.3 | 25.0 | 19.8 | 20.4 | 22.1 | 23.7 | 18.4 | 18.9 | 20.5 | 22.0 | |
| | S/T | 0.85 | 0.76 | 0.57 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.41 | 0.97 | 0.86 | 0.65 | 0.42 | 0.98 | 0.87 | 0.66 | 0.42 | |
| | ΔT | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 19 | 18 | 15 | 10 | |
| kW | 1.51 | 1.54 | 1.59 | 1.64 | 1.62 | 1.66 | 1.71 | 1.77 | 1.72 | 1.76 | 1.82 | 1.88 | 1.82 | 1.86 | 1.92 | 1.98 | 1.89 | 1.93 | 2.00 | 2.07 | 1.96 | 2.00 | 2.07 | 2.14 | | |
| Amps | 7.0 | 7.2 | 7.4 | 7.6 | 7.5 | 7.7 | 7.9 | 8.1 | 8.0 | 8.2 | 8.4 | 8.7 | 8.5 | 8.7 | 8.9 | 9.2 | 9.0 | 9.2 | 9.4 | 9.7 | 9.4 | 9.6 | 9.9 | 10.2 | | |
| Hi PR | 227 | 244 | 257 | 269 | 254 | 274 | 289 | 301 | 289 | 311 | 329 | 343 | 329 | 354 | 374 | 390 | 370 | 399 | 421 | 439 | 409 | 441 | 465 | 485 | | |
| Lo PR | 109 | 116 | 127 | 135 | 115 | 123 | 134 | 143 | 120 | 128 | 139 | 148 | 126 | 134 | 146 | 156 | 132 | 140 | 153 | 163 | 137 | 145 | 159 | 169 | | |
| MBh | 20.7 | 21.3 | 23.1 | 24.8 | 20.2 | 20.8 | 22.6 | 24.2 | 19.8 | 20.3 | 22.0 | 23.6 | 19.3 | 19.8 | 21.5 | 23.1 | 18.3 | 18.9 | 20.4 | 21.9 | 17.0 | 17.5 | 18.9 | 20.3 | | |
| S/T | 0.82 | 0.73 | 0.55 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.41 | 0.94 | 0.84 | 0.64 | 0.41 | | |
| ΔT | 21 | 19 | 16 | 11 | 21 | 20 | 16 | 11 | 21 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 21 | 20 | 16 | 11 | 20 | 18 | 15 | 10 | | |
| kW | 1.47 | 1.50 | 1.55 | 1.60 | 1.58 | 1.62 | 1.67 | 1.72 | 1.68 | 1.72 | 1.77 | 1.83 | 1.77 | 1.81 | 1.87 | 1.93 | 1.84 | 1.89 | 1.95 | 2.01 | 1.91 | 1.95 | 2.02 | 2.09 | | |
| Amps | 6.9 | 7.0 | 7.2 | 7.4 | 7.3 | 7.5 | 7.7 | 7.9 | 7.9 | 8.0 | 8.2 | 8.5 | 8.3 | 8.5 | 8.7 | 9.0 | 8.8 | 8.9 | 9.2 | 9.5 | 9.2 | 9.4 | 9.7 | 10.0 | | |
| Hi PR | 220 | 237 | 250 | 260 | 247 | 265 | 280 | 292 | 280 | 302 | 319 | 332 | 319 | 344 | 363 | 379 | 359 | 387 | 408 | 426 | 397 | 427 | 451 | 471 | | |
| Lo PR | 106 | 113 | 123 | 131 | 112 | 119 | 130 | 138 | 116 | 124 | 135 | 144 | 122 | 130 | 142 | 151 | 128 | 136 | 149 | 158 | 132 | 141 | 154 | 164 | | |

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

EXPANDED COOLING DATA — GPG1524***41** (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 | MBh | 23.5 | 24.0 | 25.7 | 27.5 | 23.0 | 23.5 | 25.1 | 26.8 | 22.4 | 22.9 | 24.5 | 26.2 | 21.9 | 22.4 | 23.9 | 25.5 | 20.8 | 21.2 | 22.7 | 24.3 | 19.3 | 19.7 | 21.0 | 22.5 |
| | S/T | 1.00 | 0.92 | 0.75 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 1.00 | 0.79 | 0.59 | 1.00 | 1.00 | 0.82 | 0.61 | 1.00 | 1.00 | 0.85 | 0.63 | 1.00 | 1.00 | 0.86 | 0.64 |
| | ΔT | 23 | 21 | 19 | 15 | 22 | 22 | 19 | 15 | 21 | 22 | 19 | 15 | 21 | 22 | 19 | 15 | 20 | 21 | 19 | 15 | 19 | 19 | 17 | 14 |
| | kW | 1.53 | 1.56 | 1.61 | 1.66 | 1.65 | 1.68 | 1.74 | 1.80 | 1.75 | 1.79 | 1.85 | 1.91 | 1.85 | 1.89 | 1.95 | 2.01 | 1.92 | 1.97 | 2.03 | 2.10 | 1.99 | 2.04 | 2.11 | 2.18 |
| | Amps | 7.1 | 7.3 | 7.5 | 7.7 | 7.6 | 7.8 | 8.0 | 8.2 | 8.2 | 8.3 | 8.6 | 8.8 | 8.6 | 8.8 | 9.1 | 9.4 | 9.1 | 9.3 | 9.6 | 9.9 | 9.6 | 9.8 | 10.1 | 10.4 |
| | Hi PR | 231 | 249 | 263 | 274 | 259 | 279 | 295 | 307 | 295 | 317 | 335 | 350 | 336 | 362 | 382 | 398 | 378 | 407 | 430 | 448 | 418 | 449 | 475 | 495 |
| | Lo PR | 111 | 119 | 129 | 138 | 118 | 125 | 137 | 146 | 122 | 130 | 142 | 151 | 129 | 137 | 149 | 159 | 135 | 143 | 156 | 167 | 139 | 148 | 162 | 172 |
| | MBh | 22.8 | 23.3 | 24.9 | 26.7 | 22.3 | 22.8 | 24.4 | 26.0 | 21.8 | 22.3 | 23.8 | 25.4 | 21.3 | 21.7 | 23.2 | 24.8 | 20.2 | 20.6 | 22.0 | 23.6 | 18.7 | 19.1 | 20.4 | 21.8 |
| | S/T | 0.93 | 0.87 | 0.71 | 0.53 | 0.97 | 0.91 | 0.74 | 0.55 | 0.99 | 0.93 | 0.76 | 0.56 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 0.99 | 0.81 | 0.61 | 1.00 | 1.00 | 0.82 | 0.61 |
| | ΔT | 23 | 22 | 19 | 15 | 23 | 22 | 20 | 16 | 23 | 22 | 20 | 16 | 23 | 23 | 20 | 16 | 22 | 22 | 19 | 16 | 20 | 21 | 18 | 14 |
| kW | 1.52 | 1.55 | 1.60 | 1.65 | 1.64 | 1.67 | 1.73 | 1.78 | 1.74 | 1.78 | 1.84 | 1.90 | 1.83 | 1.87 | 1.93 | 2.00 | 1.91 | 1.95 | 2.02 | 2.08 | 1.98 | 2.02 | 2.09 | 2.16 | |
| Amps | 7.1 | 7.2 | 7.4 | 7.7 | 7.6 | 7.7 | 7.9 | 8.2 | 8.1 | 8.3 | 8.5 | 8.8 | 8.6 | 8.8 | 9.0 | 9.3 | 9.0 | 9.2 | 9.5 | 9.8 | 9.5 | 9.7 | 10.0 | 10.3 | |
| Hi PR | 229 | 246 | 260 | 271 | 257 | 276 | 292 | 304 | 292 | 314 | 332 | 346 | 333 | 358 | 378 | 394 | 374 | 403 | 425 | 444 | 413 | 445 | 470 | 490 | |
| Lo PR | 110 | 117 | 128 | 136 | 117 | 124 | 135 | 144 | 121 | 129 | 141 | 150 | 127 | 135 | 148 | 157 | 133 | 142 | 155 | 165 | 138 | 147 | 160 | 171 | |
| MBh | 21.1 | 21.5 | 23.0 | 24.6 | 20.6 | 21.0 | 22.5 | 24.0 | 20.1 | 20.5 | 21.9 | 23.5 | 19.6 | 20.0 | 21.4 | 22.9 | 18.6 | 19.0 | 20.3 | 21.7 | 17.3 | 17.6 | 18.8 | 20.1 | |
| S/T | 0.90 | 0.84 | 0.69 | 0.51 | 0.93 | 0.87 | 0.71 | 0.53 | 0.95 | 0.90 | 0.73 | 0.54 | 0.99 | 0.92 | 0.75 | 0.56 | 1.02 | 0.96 | 0.78 | 0.58 | 1.03 | 0.97 | 0.79 | 0.59 | |
| ΔT | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 22 | 21 | 18 | 15 | |
| kW | 1.48 | 1.51 | 1.56 | 1.61 | 1.60 | 1.63 | 1.68 | 1.74 | 1.70 | 1.73 | 1.79 | 1.85 | 1.78 | 1.82 | 1.88 | 1.95 | 1.86 | 1.90 | 1.96 | 2.03 | 1.93 | 1.97 | 2.03 | 2.10 | |
| Amps | 6.9 | 7.1 | 7.3 | 7.5 | 7.4 | 7.5 | 7.7 | 8.0 | 7.9 | 8.1 | 8.3 | 8.6 | 8.4 | 8.5 | 8.8 | 9.1 | 8.8 | 9.0 | 9.3 | 9.6 | 9.3 | 9.5 | 9.7 | 10.1 | |
| Hi PR | 222 | 239 | 252 | 263 | 249 | 268 | 283 | 295 | 283 | 305 | 322 | 336 | 323 | 347 | 367 | 382 | 363 | 391 | 412 | 430 | 401 | 432 | 456 | 475 | |
| Lo PR | 107 | 114 | 124 | 132 | 113 | 120 | 131 | 140 | 118 | 125 | 136 | 145 | 123 | 131 | 143 | 153 | 129 | 138 | 150 | 160 | 134 | 142 | 155 | 165 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85 | MBh | 23.9 | 24.4 | 25.6 | 27.3 | 23.4 | 23.8 | 25.0 | 26.6 | 22.8 | 23.3 | 24.4 | 26.0 | 22.3 | 22.7 | 23.8 | 25.4 | 21.2 | 21.6 | 22.6 | 24.1 | 19.6 | 20.0 | 20.9 | 22.3 |
| | S/T | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.98 | 0.79 | 1.00 | 1.00 | 1.00 | 0.82 | 1.00 | 1.00 | 1.00 | 0.83 |
| | ΔT | 23 | 23 | 22 | 19 | 23 | 23 | 22 | 19 | 22 | 22 | 23 | 22 | 22 | 22 | 22 | 19 | 20 | 21 | 22 | 19 | 19 | 19 | 20 | 18 |
| | kW | 1.54 | 1.58 | 1.63 | 1.68 | 1.66 | 1.70 | 1.75 | 1.81 | 1.77 | 1.81 | 1.87 | 1.93 | 1.86 | 1.90 | 1.97 | 2.03 | 1.94 | 1.98 | 2.05 | 2.12 | 2.01 | 2.05 | 2.12 | 2.20 |
| | Amps | 7.2 | 7.3 | 7.5 | 7.8 | 7.7 | 7.8 | 8.0 | 8.3 | 8.2 | 8.4 | 8.6 | 8.9 | 8.7 | 8.9 | 9.1 | 9.4 | 9.2 | 9.4 | 9.7 | 10.0 | 9.7 | 9.9 | 10.2 | 10.5 |
| | Hi PR | 233 | 251 | 265 | 277 | 262 | 282 | 298 | 310 | 298 | 321 | 339 | 353 | 339 | 365 | 386 | 402 | 382 | 411 | 434 | 452 | 422 | 454 | 479 | 500 |
| | Lo PR | 113 | 120 | 131 | 139 | 119 | 126 | 138 | 147 | 124 | 131 | 144 | 153 | 130 | 138 | 151 | 161 | 136 | 145 | 158 | 168 | 141 | 150 | 163 | 174 |
| | MBh | 23.2 | 23.7 | 24.8 | 26.5 | 22.7 | 23.1 | 24.2 | 25.9 | 22.2 | 22.6 | 23.7 | 25.2 | 21.6 | 22.0 | 23.1 | 24.6 | 20.5 | 20.9 | 21.9 | 23.4 | 19.0 | 19.4 | 20.3 | 21.7 |
| | S/T | 0.98 | 0.94 | 0.85 | 0.69 | 1.00 | 0.98 | 0.88 | 0.72 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.76 | 1.00 | 1.00 | 0.97 | 0.79 | 1.00 | 1.00 | 0.98 | 0.79 |
| | ΔT | 25 | 24 | 23 | 20 | 25 | 25 | 23 | 20 | 24 | 24 | 25 | 23 | 24 | 24 | 23 | 20 | 22 | 23 | 23 | 20 | 21 | 21 | 22 | 19 |
| kW | 1.53 | 1.56 | 1.61 | 1.66 | 1.65 | 1.68 | 1.74 | 1.80 | 1.75 | 1.79 | 1.85 | 1.91 | 1.85 | 1.89 | 1.95 | 2.01 | 1.92 | 1.97 | 2.03 | 2.10 | 1.99 | 2.04 | 2.11 | 2.18 | |
| Amps | 7.1 | 7.3 | 7.5 | 7.7 | 7.6 | 7.8 | 8.0 | 8.2 | 8.2 | 8.3 | 8.6 | 8.8 | 8.6 | 8.8 | 9.1 | 9.4 | 9.1 | 9.3 | 9.6 | 9.9 | 9.6 | 9.8 | 10.1 | 10.4 | |
| Hi PR | 231 | 249 | 263 | 274 | 259 | 279 | 295 | 307 | 295 | 317 | 335 | 350 | 336 | 362 | 382 | 398 | 378 | 407 | 430 | 448 | 418 | 449 | 475 | 495 | |
| Lo PR | 111 | 119 | 129 | 138 | 118 | 125 | 137 | 146 | 122 | 130 | 142 | 151 | 129 | 137 | 149 | 159 | 135 | 143 | 156 | 167 | 139 | 148 | 162 | 172 | |
| MBh | 21.5 | 21.9 | 22.9 | 24.4 | 21.0 | 21.4 | 22.4 | 23.9 | 20.5 | 20.9 | 21.8 | 23.3 | 20.0 | 20.3 | 21.3 | 22.7 | 19.0 | 19.3 | 20.2 | 21.6 | 17.6 | 17.9 | 18.7 | 20.0 | |
| S/T | 0.94 | 0.91 | 0.82 | 0.67 | 0.98 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.76 | 1.00 | 1.00 | 0.94 | 0.76 | |
| ΔT | 25 | 25 | 23 | 20 | 25 | 25 | 24 | 20 | 25 | 25 | 24 | 20 | 25 | 25 | 24 | 21 | 24 | 24 | 23 | 20 | 22 | 22 | 22 | 19 | |
| kW | 1.49 | 1.53 | 1.57 | 1.62 | 1.61 | 1.64 | 1.70 | 1.75 | 1.71 | 1.75 | 1.80 | 1.86 | 1.80 | 1.84 | 1.90 | 1.96 | 1.88 | 1.92 | 1.98 | 2.05 | 1.94 | 1.99 | 2.05 | 2.12 | |
| Amps | 7.0 | 7.1 | 7.3 | 7.5 | 7.4 | 7.6 | 7.8 | 8.0 | 8.0 | 8.1 | 8.4 | 8.6 | 8.4 | 8.6 | 8.9 | 9.1 | 8.9 | 9.1 | 9.3 | 9.7 | 9.3 | 9.5 | 9.8 | 10.2 | |
| Hi PR | 224 | 241 | 255 | 266 | 252 | 271 | 286 | 298 | 286 | 308 | 325 | 339 | 326 | 351 | 370 | 386 | 367 | 395 | 417 | 435 | 405 | 436 | 460 | 480 | |
| Lo PR | 108 | 115 | 126 | 134 | 114 | 121 | 133 | 141 | 119 | 126 | 138 | 147 | 125 | 133 | 145 | 154 | 131 | 139 | 152 | 162 | 135 | 144 | 157 | 167 | |

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

EXPANDED COOLING DATA — GPG1536***41** — SINGLE STAGE

| 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 | 900 | MBh | 23.9 | 24.8 | 27.2 | - | 23.4 | 24.2 | 26.5 | - | 22.8 | 23.6 | 25.9 | - | 22.2 | 23.1 | 25.3 | - | 21.1 | 21.9 | 24.0 | - | 19.6 | 20.3 | 22.2 | - |
| | | S/T | 0.76 | 0.64 | 0.44 | - | 0.79 | 0.66 | 0.46 | - | 0.81 | 0.68 | 0.47 | - | 0.84 | 0.70 | 0.48 | - | 0.87 | 0.73 | 0.50 | - | 0.88 | 0.73 | 0.51 | - |
| | | ΔT | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 13 | - | 19 | 16 | 12 | - | 18 | 15 | 12 | - |
| | | kW | 1.59 | 1.63 | 1.68 | - | 1.71 | 1.75 | 1.80 | - | 1.82 | 1.86 | 1.92 | - | 1.91 | 1.95 | 2.02 | - | 1.99 | 2.03 | 2.10 | - | 2.06 | 2.10 | 2.17 | - |
| | | Amps | 7.2 | 7.3 | 7.5 | - | 7.7 | 7.8 | 8.1 | - | 8.2 | 8.4 | 8.7 | - | 8.7 | 8.9 | 9.2 | - | 9.4 | 9.4 | 9.7 | - | 9.7 | 9.9 | 10.2 | - |
| | 800 | Hi PR | 225 | 242 | 256 | - | 253 | 272 | 287 | - | 287 | 309 | 326 | - | 327 | 352 | 372 | - | 368 | 396 | 418 | - | 407 | 438 | 462 | - |
| | | Lo PR | 111 | 118 | 128 | - | 117 | 124 | 136 | - | 121 | 129 | 141 | - | 128 | 136 | 148 | - | 134 | 142 | 155 | - | 138 | 147 | 161 | - |
| | | MBh | 23.2 | 24.1 | 26.4 | - | 22.7 | 23.5 | 25.7 | - | 22.1 | 22.9 | 25.1 | - | 21.6 | 22.4 | 24.5 | - | 20.5 | 21.3 | 23.3 | - | 19.0 | 19.7 | 21.6 | - |
| | | S/T | 0.73 | 0.61 | 0.42 | - | 0.75 | 0.63 | 0.44 | - | 0.77 | 0.65 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.83 | 0.69 | 0.48 | - | 0.84 | 0.70 | 0.48 | - |
| | | ΔT | 19 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 18 | 16 | 12 | - |
| 700 | 900 | kW | 1.58 | 1.62 | 1.66 | - | 1.70 | 1.74 | 1.79 | - | 1.80 | 1.84 | 1.90 | - | 1.90 | 1.94 | 2.00 | - | 1.97 | 2.02 | 2.08 | - | 2.04 | 2.09 | 2.15 | - |
| | | Amps | 7.1 | 7.3 | 7.5 | - | 7.6 | 7.8 | 8.0 | - | 8.2 | 8.3 | 8.6 | - | 8.7 | 8.8 | 9.1 | - | 9.1 | 9.3 | 9.6 | - | 9.6 | 9.8 | 10.1 | - |
| | | Hi PR | 223 | 240 | 253 | - | 250 | 269 | 284 | - | 284 | 306 | 323 | - | 324 | 349 | 368 | - | 364 | 392 | 414 | - | 403 | 433 | 458 | - |
| | | Lo PR | 109 | 116 | 127 | - | 116 | 123 | 134 | - | 120 | 128 | 140 | - | 126 | 134 | 147 | - | 132 | 141 | 154 | - | 137 | 146 | 159 | - |
| | | MBh | 21.4 | 22.2 | 24.3 | - | 20.9 | 21.7 | 23.8 | - | 20.4 | 21.2 | 23.2 | - | 19.9 | 20.7 | 22.6 | - | 18.9 | 19.6 | 21.5 | - | 17.5 | 18.2 | 19.9 | - |
| | 800 | S/T | 0.70 | 0.59 | 0.41 | - | 0.73 | 0.61 | 0.42 | - | 0.75 | 0.62 | 0.43 | - | 0.77 | 0.64 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.81 | 0.67 | 0.47 | - |
| | | ΔT | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 19 | 16 | 12 | - |
| | | kW | 1.55 | 1.58 | 1.63 | - | 1.66 | 1.70 | 1.75 | - | 1.76 | 1.80 | 1.86 | - | 1.85 | 1.89 | 1.95 | - | 1.93 | 1.97 | 2.03 | - | 1.99 | 2.04 | 2.10 | - |
| | | Amps | 7.0 | 7.1 | 7.3 | - | 7.4 | 7.6 | 7.8 | - | 8.0 | 8.1 | 8.4 | - | 8.4 | 8.6 | 8.9 | - | 8.9 | 9.1 | 9.4 | - | 9.4 | 9.6 | 9.9 | - |
| | | Hi PR | 216 | 233 | 246 | - | 243 | 261 | 276 | - | 276 | 297 | 314 | - | 314 | 338 | 357 | - | 353 | 380 | 402 | - | 391 | 420 | 444 | - |
| Lo PR | 106 | 113 | 123 | - | 112 | 119 | 130 | - | 117 | 124 | 135 | - | 122 | 130 | 142 | - | 128 | 137 | 149 | - | 133 | 141 | 154 | - | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75 | 900 | MBh | 24.3 | 25.0 | 27.1 | 29.1 | 23.7 | 24.5 | 26.5 | 28.4 | 23.2 | 23.9 | 25.8 | 27.7 | 22.6 | 23.3 | 25.2 | 27.1 | 21.5 | 22.1 | 23.9 | 25.7 | 19.9 | 20.5 | 22.2 | 23.8 |
| | | S/T | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.95 | 0.85 | 0.64 | 0.41 | 0.99 | 0.88 | 0.67 | 0.43 | 1.00 | 0.89 | 0.67 | 0.43 |
| | | ΔT | 22 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | 20 | 17 | 11 | 22 | 20 | 16 | 11 | 20 | 19 | 15 | 11 |
| | | kW | 1.61 | 1.64 | 1.69 | 1.74 | 1.73 | 1.76 | 1.82 | 1.88 | 1.83 | 1.87 | 1.93 | 2.00 | 1.93 | 1.97 | 2.03 | 2.10 | 2.01 | 2.05 | 2.12 | 2.19 | 2.08 | 2.12 | 2.19 | 2.26 |
| | | Amps | 7.2 | 7.4 | 7.6 | 7.8 | 7.7 | 7.9 | 8.1 | 8.4 | 8.3 | 8.5 | 8.7 | 9.0 | 8.8 | 9.0 | 9.2 | 9.5 | 9.3 | 9.5 | 9.8 | 10.1 | 9.8 | 10.0 | 10.3 | 10.6 |
| | 800 | Hi PR | 227 | 245 | 258 | 270 | 255 | 275 | 290 | 302 | 290 | 312 | 330 | 344 | 331 | 356 | 376 | 392 | 372 | 400 | 423 | 441 | 411 | 442 | 467 | 487 |
| | | Lo PR | 112 | 119 | 130 | 138 | 118 | 126 | 137 | 146 | 123 | 130 | 142 | 152 | 129 | 137 | 150 | 159 | 135 | 144 | 157 | 167 | 140 | 149 | 162 | 173 |
| | | MBh | 23.6 | 24.3 | 26.3 | 28.2 | 23.1 | 23.7 | 25.7 | 27.6 | 22.5 | 23.2 | 25.1 | 26.9 | 22.0 | 22.6 | 24.5 | 26.3 | 20.9 | 21.5 | 23.2 | 25.0 | 19.3 | 19.9 | 21.5 | 23.1 |
| | | S/T | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.91 | 0.81 | 0.61 | 0.40 | 0.94 | 0.84 | 0.64 | 0.41 | 0.95 | 0.85 | 0.64 | 0.41 |
| | | ΔT | 22 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 21 | 19 | 16 | 11 |
| 700 | kW | 1.60 | 1.63 | 1.68 | 1.73 | 1.71 | 1.75 | 1.80 | 1.86 | 1.82 | 1.86 | 1.92 | 1.98 | 1.91 | 1.95 | 2.02 | 2.08 | 1.99 | 2.03 | 2.10 | 2.17 | 2.06 | 2.10 | 2.17 | 2.25 | |
| | Amps | 7.2 | 7.3 | 7.5 | 7.8 | 7.7 | 7.8 | 8.1 | 8.3 | 8.2 | 8.4 | 8.7 | 8.9 | 8.7 | 8.9 | 9.2 | 9.5 | 9.2 | 9.4 | 9.7 | 10.0 | 9.7 | 9.9 | 10.2 | 10.5 | |
| | Hi PR | 225 | 242 | 256 | 267 | 253 | 272 | 287 | 299 | 287 | 309 | 326 | 341 | 327 | 352 | 372 | 388 | 368 | 396 | 418 | 436 | 407 | 438 | 462 | 482 | |
| | Lo PR | 111 | 118 | 128 | 137 | 117 | 124 | 136 | 145 | 121 | 129 | 141 | 150 | 128 | 136 | 148 | 158 | 134 | 142 | 155 | 165 | 138 | 147 | 161 | 171 | |
| | MBh | 21.8 | 22.4 | 24.3 | 26.1 | 21.3 | 21.9 | 23.7 | 25.5 | 20.8 | 21.4 | 23.2 | 24.8 | 20.3 | 20.9 | 22.6 | 24.2 | 19.3 | 19.8 | 21.5 | 23.0 | 17.8 | 18.4 | 19.9 | 21.3 | |
| 700 | S/T | 0.80 | 0.71 | 0.54 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.88 | 0.78 | 0.59 | 0.38 | 0.91 | 0.81 | 0.62 | 0.40 | 0.92 | 0.82 | 0.62 | 0.40 | |
| | ΔT | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 18 | 12 | 23 | 21 | 17 | 12 | 21 | 20 | 16 | 11 | |
| | kW | 1.56 | 1.59 | 1.64 | 1.69 | 1.67 | 1.71 | 1.76 | 1.82 | 1.78 | 1.81 | 1.87 | 1.93 | 1.87 | 1.91 | 1.97 | 2.03 | 1.94 | 1.98 | 2.05 | 2.12 | 2.01 | 2.05 | 2.12 | 2.19 | |
| | Amps | 7.0 | 7.2 | 7.4 | 7.6 | 7.5 | 7.7 | 7.9 | 8.1 | 8.0 | 8.2 | 8.4 | 8.7 | 8.5 | 8.7 | 8.9 | 9.2 | 9.0 | 9.2 | 9.4 | 9.8 | 9.5 | 9.7 | 9.9 | 10.3 | |
| | Hi PR | 218 | 235 | 248 | 259 | 245 | 264 | 278 | 290 | 279 | 300 | 317 | 330 | 317 | 342 | 361 | 376 | 357 | 384 | 406 | 423 | 395 | 425 | 448 | 468 | |
| Lo PR | 107 | 114 | 125 | 133 | 113 | 121 | 132 | 140 | 118 | 125 | 137 | 146 | 124 | 132 | 144 | 153 | 130 | 138 | 151 | 160 | 134 | 143 | 156 | 166 | | |

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

EXPANDED COOLING DATA — GPG1536***41** — SINGLE STAGE (CONT.)

| IDB | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | 65°F | | | | | | 75°F | | | | | | 85°F | | | | | | 95°F | | | | | | 105°F | | | | | | 115°F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Airflow | 59 | 63 | 67 | 71 | 75 | 79 | 83 | 87 | 91 | 95 | 99 | 103 | 107 | 111 | 115 | 119 | 123 | 127 | 131 | 135 | 139 | 143 | 147 | 151 | 155 | 159 | 163 | 167 | 171 | 175 | 179 | 183 | 187 | 191 | 195 | 199 | 203 | 207 | 211 | 215 | 219 | 223 | 227 | 231 | 235 | 239 | 243 | 247 | 251 | 255 | 259 | 263 | 267 | 271 | 275 | 279 | 283 | 287 | 291 | 295 | 299 | 303 | 307 | 311 | 315 | 319 | 323 | 327 | 331 | 335 | 339 | 343 | 347 | 351 | 355 | 359 | 363 | 367 | 371 | 375 | 379 | 383 | 387 | 391 | 395 | 399 | 403 | 407 | 411 | 415 | 419 | 423 | 427 | 431 | 435 | 439 | 443 | 447 | 451 | 455 | 459 | 463 | 467 | 471 | 475 | 479 | 483 | 487 | 491 | 495 | 499 | 503 | 507 | 511 | 515 | 519 | 523 | 527 | 531 | 535 | 539 | 543 | 547 | 551 | 555 | 559 | 563 | 567 | 571 | 575 | 579 | 583 | 587 | 591 | 595 | 599 | 603 | 607 | 611 | 615 | 619 | 623 | 627 | 631 | 635 | 639 | 643 | 647 | 651 | 655 | 659 | 663 | 667 | 671 | 675 | 679 | 683 | 687 | 691 | 695 | 699 | 703 | 707 | 711 | 715 | 719 | 723 | 727 | 731 | 735 | 739 | 743 | 747 | 751 | 755 | 759 | 763 | 767 | 771 | 775 | 779 | 783 | 787 | 791 | 795 | 799 | 803 | 807 | 811 | 815 | 819 | 823 | 827 | 831 | 835 | 839 | 843 | 847 | 851 | 855 | 859 | 863 | 867 | 871 | 875 | 879 | 883 | 887 | 891 | 895 | 899 | 903 | 907 | 911 | 915 | 919 | 923 | 927 | 931 | 935 | 939 | 943 | 947 | 951 | 955 | 959 | 963 | 967 | 971 | 975 | 979 | 983 | 987 | 991 | 995 | 999 | 1003 | 1007 | 1011 | 1015 | 1019 | 1023 | 1027 | 1031 | 1035 | 1039 | 1043 | 1047 | 1051 | 1055 | 1059 | 1063 | 1067 | 1071 | 1075 | 1079 | 1083 | 1087 | 1091 | 1095 | 1099 | 1103 | 1107 | 1111 | 1115 | 1119 | 1123 | 1127 | 1131 | 1135 | 1139 | 1143 | 1147 | 1151 | 1155 | 1159 | 1163 | 1167 | 1171 | 1175 | 1179 | 1183 | 1187 | 1191 | 1195 | 1199 | 1203 | 1207 | 1211 | 1215 | 1219 | 1223 | 1227 | 1231 | 1235 | 1239 | 1243 | 1247 | 1251 | 1255 | 1259 | 1263 | 1267 | 1271 | 1275 | 1279 | 1283 | 1287 | 1291 | 1295 | 1299 | 1303 | 1307 | 1311 | 1315 | 1319 | 1323 | 1327 | 1331 | 1335 | 1339 | 1343 | 1347 | 1351 | 1355 | 1359 | 1363 | 1367 | 1371 | 1375 | 1379 | 1383 | 1387 | 1391 | 1395 | 1399 | 1403 | 1407 | 1411 | 1415 | 1419 | 1423 | 1427 | 1431 | 1435 | 1439 | 1443 | 1447 | 1451 | 1455 | 1459 | 1463 | 1467 | 1471 | 1475 | 1479 | 1483 | 1487 | 1491 | 1495 | 1499 | 1503 | 1507 | 1511 | 1515 | 1519 | 1523 | 1527 | 1531 | 1535 | 1539 | 1543 | 1547 | 1551 | 1555 | 1559 | 1563 | 1567 | 1571 | 1575 | 1579 | 1583 | 1587 | 1591 | 1595 | 1599 | 1603 | 1607 | 1611 | 1615 | 1619 | 1623 | 1627 | 1631 | 1635 | 1639 | 1643 | 1647 | 1651 | 1655 | 1659 | 1663 | 1667 | 1671 | 1675 | 1679 | 1683 | 1687 | 1691 | 1695 | 1699 | 1703 | 1707 | 1711 | 1715 | 1719 | 1723 | 1727 | 1731 | 1735 | 1739 | 1743 | 1747 | 1751 | 1755 | 1759 | 1763 | 1767 | 1771 | 1775 | 1779 | 1783 | 1787 | 1791 | 1795 | 1799 | 1803 | 1807 | 1811 | 1815 | 1819 | 1823 | 1827 | 1831 | 1835 | 1839 | 1843 | 1847 | 1851 | 1855 | 1859 | 1863 | 1867 | 1871 | 1875 | 1879 | 1883 | 1887 | 1891 | 1895 | 1899 | 1903 | 1907 | 1911 | 1915 | 1919 | 1923 | 1927 | 1931 | 1935 | 1939 | 1943 | 1947 | 1951 | 1955 | 1959 | 1963 | 1967 | 1971 | 1975 | 1979 | 1983 | 1987 | 1991 | 1995 | 1999 | 2003 | 2007 | 2011 | 2015 | 2019 | 2023 | 2027 | 2031 | 2035 | 2039 | 2043 | 2047 | 2051 | 2055 | 2059 | 2063 | 2067 | 2071 | 2075 | 2079 | 2083 | 2087 | 2091 | 2095 | 2099 | 2103 | 2107 | 2111 | 2115 | 2119 | 2123 | 2127 | 2131 | 2135 | 2139 | 2143 | 2147 | 2151 | 2155 | 2159 | 2163 | 2167 | 2171 | 2175 | 2179 | 2183 | 2187 | 2191 | 2195 | 2199 | 2203 | 2207 | 2211 | 2215 | 2219 | 2223 | 2227 | 2231 | 2235 | 2239 | 2243 | 2247 | 2251 | 2255 | 2259 | 2263 | 2267 | 2271 | 2275 | 2279 | 2283 | 2287 | 2291 | 2295 | 2299 | 2303 | 2307 | 2311 | 2315 | 2319 | 2323 | 2327 | 2331 | 2335 | 2339 | 2343 | 2347 | 2351 | 2355 | 2359 | 2363 | 2367 | 2371 | 2375 | 2379 | 2383 | 2387 | 2391 | 2395 | 2399 | 2403 | 2407 | 2411 | 2415 | 2419 | 2423 | 2427 | 2431 | 2435 | 2439 | 2443 | 2447 | 2451 | 2455 | 2459 | 2463 | 2467 | 2471 | 2475 | 2479 | 2483 | 2487 | 2491 | 2495 | 2499 | 2503 | 2507 | 2511 | 2515 | 2519 | 2523 | 2527 | 2531 | 2535 | 2539 | 2543 | 2547 | 2551 | 2555 | 2559 | 2563 | 2567 | 2571 | 2575 | 2579 | 2583 | 2587 | 2591 | 2595 | 2599 | 2603 | 2607 | 2611 | 2615 | 2619 | 2623 | 2627 | 2631 | 2635 | 2639 | 2643 | 2647 | 2651 | 2655 | 2659 | 2663 | 2667 | 2671 | 2675 | 2679 | 2683 | 2687 | 2691 | 2695 | 2699 | 2703 | 2707 | 2711 | 2715 | 2719 | 2723 | 2727 | 2731 | 2735 | 2739 | 2743 | 2747 | 2751 | 2755 | 2759 | 2763 | 2767 | 2771 | 2775 | 2779 | 2783 | 2787 | 2791 | 2795 | 2799 | 2803 | 2807 | 2811 | 2815 | 2819 | 2823 | 2827 | 2831 | 2835 | 2839 | 2843 | 2847 | 2851 | 2855 | 2859 | 2863 | 2867 | 2871 | 2875 | 2879 | 2883 | 2887 | 2891 | 2895 | 2899 | 2903 | 2907 | 2911 | 2915 | 2919 | 2923 | 2927 | 2931 | 2935 | 2939 | 2943 | 2947 | 2951 | 2955 | 2959 | 2963 | 2967 | 2971 | 2975 | 2979 | 2983 | 2987 | 2991 | 2995 | 2999 | 3003 | 3007 | 3011 | 3015 | 3019 | 3023 | 3027 | 3031 | 3035 | 3039 | 3043 | 3047 | 3051 | 3055 | 3059 | 3063 | 3067 | 3071 | 3075 | 3079 | 3083 | 3087 | 3091 | 3095 | 3099 | 3103 | 3107 | 3111 | 3115 | 3119 | 3123 | 3127 | 3131 | 3135 | 3139 | 3143 | 3147 | 3151 | 3155 | 3159 | 3163 | 3167 | 3171 | 3175 | 3179 | 3183 | 3187 | 3191 | 3195 | 3199 | 3203 | 3207 | 3211 | 3215 | 3219 | 3223 | 3227 | 3231 | 3235 | 3239 | 3243 | 3247 | 3251 | 3255 | 3259 | 3263 | 3267 | 3271 | 3275 | 3279 | 3283 | 3287 | 3291 | 3295 | 3299 | 3303 | 3307 | 3311 | 3315 | 3319 | 3323 | 3327 | 3331 | 3335 | 3339 | 3343 | 3347 | 3351 | 3355 | 3359 | 3363 | 3367 | 3371 | 3375 | 3379 | 3383 | 3387 | 3391 | 3395 | 3399 | 3403 | 3407 | 3411 | 3415 | 3419 | 3423 | 3427 | 3431 | 3435 | 3439 | 3443 | 3447 | 3451 | 3455 | 3459 | 3463 | 3467 | 3471 | 3475 | 3479 | 3483 | 3487 | 3491 | 3495 | 3499 | 3503 | 3507 | 3511 | 3515 | 3519 | 3523 | 3527 | 3531 | 3535 | 3539 | 3543 | 3547 | 3551 | 3555 | 3559 | 3563 | 3567 | 3571 | 3575 | 3579 | 3583 | 3587 | 3591 | 3595 | 3599 | 3603 | 3607 | 3611 | 3615 | 3619 | 3623 | 3627 | 3631 | 3635 | 3639 | 3643 | 3647 | 3651 | 3655 | 3659 | 3663 | 3667 | 3671 | 3675 | 3679 | 3683 | 3687 | 3691 | 3695 | 3699 | 3703 | 3707 | 3711 | 3715 | 3719 | 3723 | 3727 | 3731 | 3735 | 3739 | 3743 | 3747 | 3751 | 3755 | 3759 | 3763 | 3767 | 3771 | 3775 | 3779 | 3783 | 3787 | 3791 | 3795 | 3799 | 3803 | 3807 | 3811 | 3815 | 3819 | 3823 | 3827 | 3831 | 3835 | 3839 | 3843 | 3847 | 3851 | 3855 | 3859 | 3863 | 3867 | 3871 | 3875 | 3879 | 3883 | 3887 | 3891 | 3895 | 3899 | 3903 | 3907 | 3911 | 3915 | 3919 | 3923 | 3927 | 3931 | 3935 | 3939 | 3943 | 3947 | 3951 | 3955 | 3959 | 3963 | 3967 | 3971 | 3975 | 3979 | 3983 | 3987 | 3991 | 3995 | 3999 | 4003 | 4007 | 4011 | 4015 | 4019 | 4023 | 4027 | 4031 | 4035 | 4039 | 4043 | 4047 | 4051 | 4055 | 4059 | 4063 | 4067 | 4071 | 4075 | 4079 | 4083 | 4087 | 4091 | 4095 | 4099 | 4103 | 4107 | 4111 | 4115 | 4119 | 4123 | 4127 | 4131 | 4135 | 4139 | 4143 | 4147 | 4151 | 4155 | 4159 | 4163 | 4167 | 4171 | 4175 | 4179 | 4183 | 4187 | 4191 | 4195 | 4199 | 4203 | 4207 | 4211 | 4215 | 4219 | 4223 | 4227 | 4231 | 4235 | 4239 | 4243 | 4247 | 4251 | 4255 | 4259 | 4263 | 4267 | 4271 | 4275 | 4279 | 4283 | 4287 | 4291 | 4295 | 4299 | 4303 | 4307 | 4311 | 4315 | 4319 | 4323 | 4327 | 4331 | 4335 | 4339 | 4343 | 4347 | 4351 | 4355 | 4359 | 4363 | 4367 | 4371 | 4375 | 4379 | 4383 | 4387 | 4391 | 4395 | 4399 | 4403 | 4407 | 4411 | 4415 | 4419 | 4423 | 4427 | 4431 | 4435 | 4439 | 4443 | 4447 | 4451 | 4455 | 4459 | 4463 | 4467 | 4471 | 4475 | 4479 | 4483 | 4487 | 4491 | 4495 | 4499 | 4503 | 4507 | 4511 | 4515 | 4519 | 4523 | 4527 | 4531 | 4535 | 4539 | 4543 | 4547 | 4551 | 4555 | 4559 | 4563 | 4567 | 4571 | 4575 | 4579 | 4583 | 4587 | 4591 | 4595 | 4599 | 4603 | 4607 | 4611 | 4615 | 4619 | 4623 | 4627 | 4631 | 4635 | 4639 | 4643 | 4647 | 4651 | 4655 | 4659 | 4663 | 4667 | 4671 | 4675 | 4679 | 4683 | 4687 | 4691 | 4695 | 4699 | 4703 | 4707 | 4711 | 4715 | 4719 | 4723 | 4727 | 4731 | 4735 | 4739 | 4743 | 4747 | 4751 | 4755 | 4759 | 4763 | 4767 | 4771 | 4775 | 4779 | 4783 | 4787 | 4791 | 4795 | 4799 | 4803 | 4807 | 4811 | 4815 | 4819 | 4823 | 4827 | 4831 | 4835 | 4839 | 4843 | 4847 | 4851 | 4855 | 4859 | 4863 | 4867 | 4871 | 4875 | 4879 | 4883 | 4887 | 4891 | 4895 | 4899 | 4903 | 4907 | 4911 | 4915 | 4919 | 4923 | 4927 | 4931 | 4935 | 4939 | 4943 | 4947 | 4951 | 4955 | 4959 | 4963 | 4967 | 4971 | 4975 | 4979 | 4983 | 4987 | 4991 | 4995 | 4999 | 5003 | 5007 | 5011 | 5015 | 5019 | 5023 | 5027 | 5031 | 5035 | 5039 | 5043 | 5047 | 5051 | 5055 | 5059 | 5063 | 5067 | 5071 | 5075 | 5079 | 5083 | 5087 | 5091 | 5095 | 5099 | 5103 | 5107 | 5111 | 5115 | 5119 | 5123 | 5127 | 5131 | 5135 | 5139 | 5143 | 5147 | 5151 | 5155 | 5159 | 5163 | 5167 | 5171 | 5175 | 5179 | 5183 | 5187 | 5191 | 5195 | 5199 | 5203 | 5207 | 5211 | 5215 | 5219 | 5223 | 5227 | 5231 | 5235 | 5239 | 5243 | 5247 | 5251 | 5255 | 5259 | 5263 | 5267 | 5271 | 5275 | 5279 | 5283 | 5287 | 5291 | 5295 | 5299 | 5303 | 5307 | 5311 | 5315 | 5319 | 5323 | 5327 | 5331 | 5335 | 5339 | 5343 | 5347 | 5351 | 5355 | 5359 | 5363 | 5367 | 5371 | 5375 | 5379 | 5383 | 5387 | 5391 | 5395 | 5399 | 5403 | 5407 | 5411 | 5415 | 5419 | 5423 | 5427 | 5431 | 5435 | 5439 | 5443 | 5447 | 5451 | 5455 | 5459 | 5463 | 5467 | 5471 | 5475 | 5479 | 5483 | 5487 | 5491 | 5495 | 5499 | 5503 | 5507 | 5511 | 5515 | 5519 | 5523 | 5527 | 5531 | 5535 | 5539 | 5543 |

EXPANDED COOLING DATA — GPG1536***41** — TWO STAGE

| 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 | | | |
| | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | MBh | 34.7 | 36.0 | 39.4 | - | 33.9 | 35.1 | 38.5 | - | 33.1 | 34.3 | 37.6 | - | 32.3 | 33.4 | 36.6 | - | 30.7 | 31.8 | 34.8 | - | 28.4 | 29.4 | 32.2 | - |
| | S/T | 0.77 | 0.65 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.82 | 0.69 | 0.48 | - | 0.85 | 0.71 | 0.49 | - | 0.88 | 0.74 | 0.51 | - | 0.89 | 0.74 | 0.51 | - |
| | ΔT | 18 | 15 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 17 | 15 | 11 | - |
| | kW | 2.52 | 2.58 | 2.65 | - | 2.71 | 2.77 | 2.86 | - | 2.88 | 2.94 | 3.03 | - | 3.03 | 3.09 | 3.19 | - | 3.15 | 3.22 | 3.33 | - | 3.26 | 3.33 | 3.44 | - |
| | Amps | 12.7 | 12.9 | 13.2 | - | 13.4 | 13.7 | 14.0 | - | 14.3 | 14.6 | 15.0 | - | 15.1 | 15.4 | 15.8 | - | 15.8 | 16.2 | 16.6 | - | 16.6 | 16.9 | 17.4 | - |
| | Hi PR | 252 | 271 | 286 | - | 282 | 304 | 321 | - | 321 | 346 | 365 | - | 366 | 394 | 416 | - | 412 | 443 | 468 | - | 455 | 489 | 517 | - |
| | Lo PR | 110 | 117 | 128 | - | 116 | 124 | 135 | - | 121 | 129 | 140 | - | 127 | 135 | 147 | - | 133 | 142 | 154 | - | 138 | 146 | 160 | - |
| | MBh | 33.7 | 34.9 | 38.2 | - | 32.9 | 34.1 | 37.4 | - | 32.1 | 33.3 | 36.5 | - | 31.3 | 32.5 | 35.6 | - | 29.8 | 30.8 | 33.8 | - | 27.6 | 28.6 | 31.3 | - |
| | S/T | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.64 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.68 | 0.47 | - | 0.84 | 0.70 | 0.49 | - | 0.85 | 0.71 | 0.49 | - |
| | ΔT | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 18 | 15 | 12 | - |
| kW | 2.50 | 2.56 | 2.63 | - | 2.69 | 2.75 | 2.83 | - | 2.86 | 2.92 | 3.01 | - | 3.00 | 3.07 | 3.17 | - | 3.13 | 3.19 | 3.30 | - | 3.23 | 3.30 | 3.41 | - | |
| Amps | 12.6 | 12.8 | 13.1 | - | 13.3 | 13.6 | 13.9 | - | 14.2 | 14.5 | 14.9 | - | 15.0 | 15.3 | 15.7 | - | 15.7 | 16.0 | 16.5 | - | 16.5 | 16.8 | 17.3 | - | |
| Hi PR | 249 | 268 | 283 | - | 280 | 301 | 318 | - | 318 | 342 | 361 | - | 362 | 390 | 412 | - | 408 | 439 | 463 | - | 450 | 485 | 512 | - | |
| Lo PR | 109 | 116 | 127 | - | 115 | 122 | 134 | - | 120 | 127 | 139 | - | 126 | 134 | 146 | - | 132 | 140 | 153 | - | 136 | 145 | 158 | - | |
| MBh | 31.1 | 32.2 | 35.3 | - | 30.4 | 31.5 | 34.5 | - | 29.6 | 30.7 | 33.7 | - | 28.9 | 30.0 | 32.8 | - | 27.5 | 28.5 | 31.2 | - | 25.4 | 26.4 | 28.9 | - | |
| S/T | 0.71 | 0.59 | 0.41 | - | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.68 | 0.47 | - | 0.82 | 0.68 | 0.47 | - | |
| ΔT | 19 | 16 | 12 | - | 19 | 17 | 13 | - | 19 | 17 | 13 | - | 19 | 17 | 13 | - | 19 | 17 | 13 | - | 18 | 15 | 12 | - | |
| kW | 2.45 | 2.50 | 2.57 | - | 2.63 | 2.68 | 2.77 | - | 2.79 | 2.85 | 2.94 | - | 2.93 | 2.99 | 3.09 | - | 3.05 | 3.12 | 3.22 | - | 3.15 | 3.22 | 3.33 | - | |
| Amps | 12.3 | 12.5 | 12.8 | - | 13.1 | 13.3 | 13.6 | - | 13.9 | 14.2 | 14.5 | - | 14.6 | 14.9 | 15.3 | - | 15.4 | 15.7 | 16.1 | - | 16.1 | 16.4 | 16.9 | - | |
| Hi PR | 242 | 260 | 275 | - | 271 | 292 | 308 | - | 309 | 332 | 351 | - | 351 | 378 | 399 | - | 395 | 425 | 449 | - | 437 | 470 | 496 | - | |
| Lo PR | 106 | 112 | 123 | - | 112 | 119 | 130 | - | 116 | 123 | 135 | - | 122 | 130 | 142 | - | 128 | 136 | 148 | - | 132 | 141 | 153 | - | |
| 75 | MBh | 35.3 | 36.3 | 39.3 | 42.2 | 34.5 | 35.5 | 38.4 | 41.2 | 33.6 | 34.6 | 37.5 | 40.2 | 32.8 | 33.8 | 36.6 | 39.3 | 31.2 | 32.1 | 34.7 | 37.3 | 28.9 | 29.7 | 32.2 | 34.5 |
| | S/T | 0.88 | 0.79 | 0.60 | 0.38 | 0.91 | 0.81 | 0.62 | 0.40 | 0.93 | 0.84 | 0.63 | 0.41 | 0.96 | 0.86 | 0.65 | 0.42 | 1.00 | 0.90 | 0.68 | 0.44 | 1.00 | 0.90 | 0.68 | 0.44 |
| | ΔT | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 19 | 18 | 15 | 10 |
| | kW | 2.54 | 2.60 | 2.68 | 2.76 | 2.73 | 2.79 | 2.88 | 2.97 | 2.90 | 2.97 | 3.06 | 3.16 | 3.05 | 3.12 | 3.22 | 3.32 | 3.18 | 3.25 | 3.35 | 3.47 | 3.29 | 3.36 | 3.47 | 3.59 |
| | Amps | 12.7 | 13.0 | 13.3 | 13.7 | 13.5 | 13.8 | 14.1 | 14.5 | 14.4 | 14.7 | 15.1 | 15.5 | 15.2 | 15.5 | 15.9 | 16.4 | 16.0 | 16.3 | 16.7 | 17.2 | 16.7 | 17.1 | 17.5 | 18.1 |
| | Hi PR | 254 | 274 | 289 | 301 | 285 | 307 | 324 | 338 | 325 | 349 | 369 | 385 | 370 | 398 | 420 | 438 | 416 | 447 | 473 | 493 | 459 | 494 | 522 | 545 |
| | Lo PR | 111 | 118 | 129 | 137 | 117 | 125 | 136 | 145 | 122 | 130 | 142 | 151 | 128 | 136 | 149 | 159 | 134 | 143 | 156 | 166 | 139 | 148 | 161 | 172 |
| | MBh | 34.2 | 35.3 | 38.2 | 41.0 | 33.5 | 34.4 | 37.3 | 40.0 | 32.7 | 33.6 | 36.4 | 39.1 | 31.9 | 32.8 | 35.5 | 38.1 | 30.3 | 31.2 | 33.7 | 36.2 | 28.0 | 28.9 | 31.2 | 33.5 |
| | S/T | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.89 | 0.80 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.95 | 0.85 | 0.65 | 0.42 | 0.96 | 0.86 | 0.65 | 0.42 |
| | ΔT | 22 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | 20 | 17 | 11 | 22 | 20 | 16 | 11 | 20 | 19 | 15 | 11 |
| kW | 2.52 | 2.58 | 2.65 | 2.74 | 2.71 | 2.77 | 2.86 | 2.95 | 2.88 | 2.94 | 3.04 | 3.13 | 3.03 | 3.09 | 3.19 | 3.30 | 3.15 | 3.22 | 3.33 | 3.44 | 3.26 | 3.33 | 3.44 | 3.56 | |
| Amps | 12.7 | 12.9 | 13.2 | 13.6 | 13.4 | 13.7 | 14.0 | 14.4 | 14.3 | 14.6 | 15.0 | 15.4 | 15.1 | 15.4 | 15.8 | 16.3 | 15.8 | 16.2 | 16.6 | 17.1 | 16.6 | 16.9 | 17.4 | 17.9 | |
| Hi PR | 252 | 271 | 286 | 298 | 283 | 304 | 321 | 335 | 321 | 346 | 365 | 381 | 366 | 394 | 416 | 434 | 412 | 443 | 468 | 488 | 455 | 490 | 517 | 539 | |
| Lo PR | 110 | 117 | 128 | 136 | 116 | 124 | 135 | 144 | 121 | 129 | 140 | 149 | 127 | 135 | 147 | 157 | 133 | 142 | 155 | 165 | 138 | 146 | 160 | 170 | |
| MBh | 31.6 | 32.5 | 35.2 | 37.8 | 30.9 | 31.8 | 34.4 | 36.9 | 30.1 | 31.0 | 33.6 | 36.1 | 29.4 | 30.3 | 32.8 | 35.2 | 27.9 | 28.8 | 31.1 | 33.4 | 25.9 | 26.6 | 28.8 | 31.0 | |
| S/T | 0.81 | 0.72 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.79 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.93 | 0.83 | 0.63 | 0.40 | |
| ΔT | 22 | 20 | 17 | 11 | 22 | 20 | 17 | 12 | 22 | 20 | 17 | 12 | 22 | 21 | 17 | 12 | 22 | 20 | 17 | 11 | 21 | 19 | 16 | 11 | |
| kW | 2.46 | 2.52 | 2.59 | 2.67 | 2.65 | 2.70 | 2.79 | 2.88 | 2.81 | 2.87 | 2.96 | 3.06 | 2.95 | 3.02 | 3.11 | 3.22 | 3.08 | 3.14 | 3.24 | 3.35 | 3.18 | 3.25 | 3.36 | 3.47 | |
| Amps | 12.4 | 12.6 | 12.9 | 13.3 | 13.2 | 13.4 | 13.7 | 14.1 | 14.0 | 14.3 | 14.6 | 15.1 | 14.8 | 15.0 | 15.4 | 15.9 | 15.5 | 15.8 | 16.2 | 16.7 | 16.2 | 16.6 | 17.0 | 17.5 | |
| Hi PR | 244 | 263 | 278 | 289 | 274 | 295 | 311 | 325 | 312 | 335 | 354 | 369 | 355 | 382 | 403 | 421 | 399 | 430 | 454 | 473 | 441 | 475 | 501 | 523 | |
| Lo PR | 107 | 114 | 124 | 132 | 113 | 120 | 131 | 140 | 117 | 125 | 136 | 145 | 123 | 131 | 143 | 152 | 129 | 137 | 150 | 160 | 133 | 142 | 155 | 165 | |

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

EXPANDED COOLING DATA — GPG1536***41** — Two 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 | | | |
| | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 1378 | MBh | 35.9 | 36.7 | 39.2 | 41.9 | 35.1 | 35.8 | 38.3 | 40.9 | 34.2 | 35.0 | 37.4 | 40.0 | 33.4 | 34.1 | 36.5 | 39.0 | 31.7 | 32.4 | 34.6 | 37.0 | 29.4 | 30.0 | 32.1 | 34.3 |
| | S/T | 0.96 | 0.90 | 0.74 | 0.55 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 1.00 | 0.81 | 0.60 | 1.00 | 1.00 | 0.84 | 0.63 | 1.00 | 1.00 | 0.84 | 0.63 |
| | ΔT | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 16 | 23 | 22 | 20 | 16 | 22 | 23 | 20 | 16 | 21 | 22 | 19 | 15 | 20 | 20 | 18 | 14 |
| | kW | 2.56 | 2.62 | 2.70 | 2.78 | 2.76 | 2.81 | 2.90 | 3.00 | 2.93 | 2.99 | 3.08 | 3.19 | 3.08 | 3.14 | 3.25 | 3.35 | 3.20 | 3.28 | 3.38 | 3.49 | 3.32 | 3.39 | 3.50 | 3.62 |
| | Amps | 12.8 | 13.1 | 13.4 | 13.8 | 13.6 | 13.9 | 14.2 | 14.6 | 14.5 | 14.8 | 15.2 | 15.6 | 15.3 | 15.6 | 16.0 | 16.5 | 16.1 | 16.4 | 16.8 | 17.4 | 16.9 | 17.2 | 17.7 | 18.2 |
| | Hi PR | 257 | 276 | 292 | 304 | 288 | 310 | 328 | 342 | 328 | 353 | 373 | 389 | 373 | 402 | 424 | 443 | 420 | 452 | 477 | 498 | 464 | 499 | 527 | 550 |
| | Lo PR | 112 | 119 | 130 | 139 | 119 | 126 | 138 | 147 | 123 | 131 | 143 | 152 | 130 | 138 | 150 | 160 | 136 | 144 | 158 | 168 | 140 | 149 | 163 | 174 |
| | MBh | 34.9 | 35.6 | 38.1 | 40.7 | 34.0 | 34.8 | 37.2 | 39.7 | 33.2 | 34.0 | 36.3 | 38.8 | 32.4 | 33.1 | 35.4 | 37.8 | 30.8 | 31.5 | 33.6 | 36.0 | 28.5 | 29.2 | 31.2 | 33.3 |
| | S/T | 0.92 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.73 | 0.54 | 0.98 | 0.92 | 0.75 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 0.98 | 0.80 | 0.60 | 1.00 | 0.99 | 0.81 | 0.60 |
| | ΔT | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 24 | 20 | 16 | 23 | 23 | 20 | 16 | 21 | 22 | 19 | 15 |
| 80 | kW | 2.54 | 2.60 | 2.68 | 2.76 | 2.73 | 2.79 | 2.88 | 2.97 | 2.90 | 2.97 | 3.06 | 3.16 | 3.05 | 3.12 | 3.22 | 3.33 | 3.18 | 3.25 | 3.35 | 3.47 | 3.29 | 3.36 | 3.47 | 3.59 |
| | Amps | 12.7 | 13.0 | 13.3 | 13.7 | 13.5 | 13.8 | 14.1 | 14.5 | 14.4 | 14.7 | 15.1 | 15.5 | 15.2 | 15.5 | 15.9 | 16.4 | 16.0 | 16.3 | 16.7 | 17.2 | 16.7 | 17.1 | 17.5 | 18.1 |
| | Hi PR | 254 | 274 | 289 | 301 | 285 | 307 | 324 | 338 | 325 | 349 | 369 | 385 | 370 | 398 | 420 | 438 | 416 | 448 | 473 | 493 | 460 | 494 | 522 | 545 |
| | Lo PR | 111 | 118 | 129 | 138 | 117 | 125 | 136 | 145 | 122 | 130 | 142 | 151 | 128 | 136 | 149 | 159 | 134 | 143 | 156 | 166 | 139 | 148 | 161 | 172 |
| | MBh | 32.2 | 32.9 | 35.1 | 37.5 | 31.4 | 32.1 | 34.3 | 36.7 | 30.7 | 31.3 | 33.5 | 35.8 | 29.9 | 30.6 | 32.7 | 34.9 | 28.4 | 29.1 | 31.0 | 33.2 | 26.3 | 26.9 | 28.8 | 30.7 |
| | S/T | 0.89 | 0.83 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.01 | 0.95 | 0.77 | 0.58 | 1.02 | 0.95 | 0.78 | 0.58 |
| | ΔT | 24 | 23 | 20 | 16 | 25 | 24 | 21 | 16 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 16 | 23 | 22 | 19 | 15 |
| | kW | 2.48 | 2.53 | 2.61 | 2.69 | 2.67 | 2.73 | 2.81 | 2.90 | 2.83 | 2.89 | 2.99 | 3.08 | 2.98 | 3.04 | 3.14 | 3.24 | 3.10 | 3.17 | 3.27 | 3.38 | 3.21 | 3.28 | 3.38 | 3.50 |
| | Amps | 12.5 | 12.7 | 13.0 | 13.4 | 13.2 | 13.5 | 13.8 | 14.2 | 14.1 | 14.4 | 14.7 | 15.2 | 14.9 | 15.1 | 15.5 | 16.0 | 15.6 | 15.9 | 16.3 | 16.8 | 16.4 | 16.7 | 17.1 | 17.7 |
| | Hi PR | 247 | 265 | 280 | 292 | 277 | 298 | 315 | 328 | 315 | 339 | 358 | 373 | 359 | 386 | 407 | 425 | 403 | 434 | 458 | 478 | 446 | 480 | 506 | 528 |
| Lo PR | 108 | 115 | 125 | 133 | 114 | 121 | 132 | 141 | 118 | 126 | 138 | 146 | 124 | 132 | 144 | 154 | 130 | 139 | 151 | 161 | 135 | 143 | 157 | 167 | |
| 1378 | MBh | 36.5 | 37.2 | 39.0 | 41.6 | 35.7 | 36.4 | 38.1 | 40.6 | 34.8 | 35.5 | 37.2 | 39.7 | 34.0 | 34.6 | 36.3 | 38.7 | 32.3 | 32.9 | 34.5 | 36.8 | 29.9 | 30.5 | 31.9 | 34.1 |
| | S/T | 1.00 | 0.98 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.97 | 0.78 | 1.00 | 1.00 | 1.00 | 0.81 | 1.00 | 1.00 | 1.00 | 0.82 |
| | ΔT | 24 | 24 | 23 | 20 | 24 | 24 | 23 | 20 | 23 | 24 | 23 | 20 | 23 | 23 | 23 | 20 | 22 | 22 | 23 | 20 | 20 | 20 | 21 | 19 |
| | kW | 2.58 | 2.64 | 2.72 | 2.80 | 2.78 | 2.84 | 2.93 | 3.02 | 2.95 | 3.01 | 3.11 | 3.21 | 3.10 | 3.17 | 3.27 | 3.38 | 3.23 | 3.30 | 3.41 | 3.52 | 3.34 | 3.42 | 3.53 | 3.65 |
| | Amps | 12.9 | 13.2 | 13.5 | 13.9 | 13.7 | 14.0 | 14.3 | 14.7 | 14.6 | 14.9 | 15.3 | 15.8 | 15.4 | 15.7 | 16.1 | 16.6 | 16.2 | 16.5 | 17.0 | 17.5 | 17.0 | 17.3 | 17.8 | 18.4 |
| | Hi PR | 259 | 279 | 295 | 308 | 291 | 313 | 331 | 345 | 331 | 356 | 376 | 392 | 377 | 406 | 429 | 447 | 424 | 457 | 482 | 503 | 469 | 504 | 533 | 556 |
| | Lo PR | 113 | 121 | 132 | 140 | 120 | 127 | 139 | 148 | 125 | 132 | 145 | 154 | 131 | 139 | 152 | 162 | 137 | 146 | 159 | 170 | 142 | 151 | 165 | 175 |
| | MBh | 35.5 | 36.2 | 37.9 | 40.4 | 34.6 | 35.3 | 37.0 | 39.5 | 33.8 | 34.5 | 36.1 | 38.5 | 33.0 | 33.6 | 35.2 | 37.6 | 31.3 | 31.9 | 33.5 | 35.7 | 29.0 | 29.6 | 31.0 | 33.1 |
| | S/T | 0.96 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 0.96 | 0.78 |
| | ΔT | 26 | 25 | 24 | 21 | 26 | 26 | 24 | 21 | 25 | 26 | 24 | 21 | 25 | 25 | 24 | 21 | 24 | 24 | 24 | 21 | 22 | 22 | 22 | 19 |
| 1225 | kW | 2.56 | 2.62 | 2.70 | 2.78 | 2.76 | 2.81 | 2.90 | 3.00 | 2.93 | 2.99 | 3.08 | 3.19 | 3.08 | 3.14 | 3.25 | 3.35 | 3.20 | 3.28 | 3.38 | 3.49 | 3.32 | 3.39 | 3.50 | 3.62 |
| | Amps | 12.8 | 13.1 | 13.4 | 13.8 | 13.6 | 13.9 | 14.2 | 14.6 | 14.5 | 14.8 | 15.2 | 15.6 | 15.3 | 15.6 | 16.0 | 16.5 | 16.1 | 16.4 | 16.8 | 17.4 | 16.9 | 17.2 | 17.7 | 18.2 |
| | Hi PR | 257 | 276 | 292 | 304 | 288 | 310 | 328 | 342 | 328 | 353 | 373 | 389 | 373 | 402 | 424 | 443 | 420 | 452 | 477 | 498 | 464 | 499 | 527 | 550 |
| | Lo PR | 112 | 119 | 130 | 139 | 119 | 126 | 138 | 147 | 123 | 131 | 143 | 152 | 130 | 138 | 150 | 160 | 136 | 144 | 158 | 168 | 140 | 149 | 163 | 174 |
| | MBh | 32.7 | 33.4 | 34.9 | 37.3 | 32.0 | 32.6 | 34.1 | 36.4 | 31.2 | 31.8 | 33.3 | 35.6 | 30.5 | 31.0 | 32.5 | 34.7 | 28.9 | 29.5 | 30.9 | 33.0 | 26.8 | 27.3 | 28.6 | 30.5 |
| | S/T | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.93 | 0.75 |
| | ΔT | 26 | 26 | 24 | 21 | 26 | 26 | 25 | 21 | 26 | 26 | 25 | 21 | 26 | 26 | 25 | 21 | 25 | 25 | 24 | 21 | 23 | 23 | 23 | 20 |
| | kW | 2.50 | 2.55 | 2.63 | 2.72 | 2.69 | 2.75 | 2.83 | 2.92 | 2.86 | 2.92 | 3.01 | 3.11 | 3.00 | 3.07 | 3.17 | 3.27 | 3.13 | 3.19 | 3.30 | 3.41 | 3.23 | 3.30 | 3.41 | 3.53 |
| | Amps | 12.6 | 12.8 | 13.1 | 13.5 | 13.3 | 13.6 | 13.9 | 14.3 | 14.2 | 14.5 | 14.9 | 15.3 | 15.0 | 15.3 | 15.7 | 16.1 | 15.7 | 16.0 | 16.5 | 17.0 | 16.5 | 16.8 | 17.3 | 17.8 |
| | Hi PR | 249 | 268 | 283 | 295 | 280 | 301 | 318 | 331 | 318 | 342 | 361 | 377 | 362 | 390 | 412 | 429 | 407 | 438 | 463 | 483 | 450 | 484 | 512 | 534 |
| Lo PR | 109 | 116 | 126 | 135 | 115 | 122 | 134 | 142 | 120 | 127 | 139 | 148 | 126 | 134 | 146 | 155 | 132 | 140 | 153 | 163 | 136 | 145 | 158 | 168 | |

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

EXPANDED COOLING DATA — GPG1548***41** — SINGLE STAGE

| 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 | 1238 | MBh | 34.3 | 35.5 | 38.9 | - | 33.5 | 34.7 | 38.0 | - | 32.7 | 33.9 | 37.1 | - | 31.9 | 33.1 | 36.2 | - | 30.3 | 31.4 | 34.4 | - | 28.1 | 29.1 | 31.9 | - |
| | | S/T | 0.77 | 0.65 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.82 | 0.69 | 0.48 | - | 0.85 | 0.71 | 0.49 | - | 0.88 | 0.74 | 0.51 | - | 0.89 | 0.74 | 0.51 | - |
| | ΔT | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 19 | 16 | 12 | - | |
| | kW | 2.31 | 2.35 | 2.42 | - | 2.47 | 2.52 | 2.60 | - | 2.62 | 2.67 | 2.76 | - | 2.75 | 2.81 | 2.89 | - | 2.86 | 2.92 | 3.01 | - | 2.95 | 3.01 | 3.11 | - | |
| | Amps | 10.4 | 10.6 | 10.9 | - | 11.1 | 11.3 | 11.6 | - | 11.9 | 12.1 | 12.4 | - | 12.5 | 12.8 | 13.1 | - | 13.2 | 13.5 | 13.8 | - | 13.8 | 14.1 | 14.5 | - | |
| | Hi PR | 223 | 240 | 253 | - | 250 | 269 | 284 | - | 284 | 306 | 323 | - | 324 | 349 | 368 | - | 364 | 392 | 414 | - | 403 | 433 | 458 | - | |
| | Lo PR | 112 | 120 | 131 | - | 119 | 126 | 138 | - | 123 | 131 | 143 | - | 130 | 138 | 151 | - | 136 | 145 | 158 | - | 141 | 150 | 163 | - | |
| | MBh | 33.3 | 34.5 | 37.8 | - | 32.5 | 33.7 | 36.9 | - | 31.7 | 32.9 | 36.1 | - | 31.0 | 32.1 | 35.2 | - | 29.4 | 30.5 | 33.4 | - | 27.3 | 28.3 | 31.0 | - | |
| | S/T | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.64 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.68 | 0.47 | - | 0.84 | 0.70 | 0.49 | - | 0.85 | 0.71 | 0.49 | - | |
| | ΔT | 21 | 18 | 13 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 19 | 17 | 13 | - | |
| kW | 2.29 | 2.34 | 2.41 | - | 2.46 | 2.51 | 2.58 | - | 2.60 | 2.65 | 2.73 | - | 2.73 | 2.78 | 2.87 | - | 2.84 | 2.89 | 2.99 | - | 2.93 | 2.99 | 3.08 | - | | |
| Amps | 10.3 | 10.5 | 10.8 | - | 11.0 | 11.2 | 11.5 | - | 11.8 | 12.0 | 12.3 | - | 12.4 | 12.7 | 13.0 | - | 13.1 | 13.4 | 13.7 | - | 13.7 | 14.0 | 14.4 | - | | |
| Hi PR | 221 | 237 | 251 | - | 248 | 266 | 281 | - | 282 | 303 | 320 | - | 321 | 345 | 365 | - | 361 | 388 | 410 | - | 399 | 429 | 453 | - | | |
| Lo PR | 111 | 118 | 129 | - | 118 | 125 | 137 | - | 122 | 130 | 142 | - | 128 | 137 | 149 | - | 135 | 143 | 156 | - | 139 | 148 | 162 | - | | |
| MBh | 30.7 | 31.9 | 34.9 | - | 30.0 | 31.1 | 34.1 | - | 29.3 | 30.4 | 33.3 | - | 28.6 | 29.6 | 32.5 | - | 27.2 | 28.2 | 30.8 | - | 25.2 | 26.1 | 28.6 | - | | |
| S/T | 0.71 | 0.59 | 0.41 | - | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.68 | 0.47 | - | 0.82 | 0.68 | 0.47 | - | | |
| ΔT | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 20 | 17 | 13 | - | | |
| kW | 2.24 | 2.29 | 2.35 | - | 2.40 | 2.45 | 2.52 | - | 2.54 | 2.59 | 2.67 | - | 2.66 | 2.72 | 2.80 | - | 2.77 | 2.83 | 2.91 | - | 2.86 | 2.92 | 3.01 | - | | |
| Amps | 10.1 | 10.3 | 10.6 | - | 10.8 | 11.0 | 11.3 | - | 11.5 | 11.7 | 12.0 | - | 12.1 | 12.4 | 12.7 | - | 12.8 | 13.0 | 13.4 | - | 13.4 | 13.7 | 14.1 | - | | |
| Hi PR | 214 | 230 | 243 | - | 240 | 258 | 273 | - | 273 | 294 | 310 | - | 311 | 335 | 354 | - | 350 | 377 | 398 | - | 387 | 416 | 439 | - | | |
| Lo PR | 108 | 115 | 125 | - | 114 | 121 | 132 | - | 119 | 126 | 138 | - | 125 | 132 | 145 | - | 131 | 139 | 152 | - | 135 | 144 | 157 | - | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75 | 1238 | MBh | 34.9 | 35.9 | 38.9 | 41.7 | 34.1 | 35.1 | 38.0 | 40.7 | 33.3 | 34.2 | 37.1 | 39.8 | 32.4 | 33.4 | 36.2 | 38.8 | 30.8 | 31.7 | 34.4 | 36.9 | 28.6 | 29.4 | 31.8 | 34.2 |
| | | S/T | 0.88 | 0.79 | 0.60 | 0.38 | 0.91 | 0.81 | 0.62 | 0.40 | 0.93 | 0.84 | 0.63 | 0.41 | 0.96 | 0.86 | 0.65 | 0.42 | 1.00 | 0.90 | 0.68 | 0.44 | 1.00 | 0.90 | 0.68 | 0.44 |
| | ΔT | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 18 | 12 | 23 | 21 | 17 | 12 | 21 | 20 | 16 | 11 | |
| | kW | 2.33 | 2.37 | 2.44 | 2.52 | 2.49 | 2.54 | 2.62 | 2.70 | 2.64 | 2.69 | 2.78 | 2.86 | 2.77 | 2.83 | 2.92 | 3.01 | 2.88 | 2.94 | 3.03 | 3.13 | 2.98 | 3.04 | 3.14 | 3.24 | |
| | Amps | 10.5 | 10.7 | 11.0 | 11.3 | 11.2 | 11.4 | 11.7 | 12.0 | 11.9 | 12.2 | 12.5 | 12.9 | 12.6 | 12.9 | 13.2 | 13.7 | 13.3 | 13.6 | 13.9 | 14.4 | 14.0 | 14.2 | 14.7 | 15.1 | |
| | Hi PR | 225 | 242 | 256 | 267 | 253 | 272 | 287 | 299 | 287 | 309 | 327 | 341 | 327 | 352 | 372 | 388 | 368 | 396 | 418 | 436 | 407 | 438 | 462 | 482 | |
| | Lo PR | 114 | 121 | 132 | 140 | 120 | 128 | 139 | 148 | 125 | 133 | 145 | 154 | 131 | 139 | 152 | 162 | 137 | 146 | 159 | 170 | 142 | 151 | 165 | 176 | |
| | MBh | 33.9 | 34.9 | 37.7 | 40.5 | 33.1 | 34.1 | 36.9 | 39.6 | 32.3 | 33.2 | 36.0 | 38.6 | 31.5 | 32.4 | 35.1 | 37.7 | 29.9 | 30.8 | 33.3 | 35.8 | 27.7 | 28.5 | 30.9 | 33.2 | |
| | S/T | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.89 | 0.80 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.95 | 0.85 | 0.65 | 0.42 | 0.96 | 0.86 | 0.65 | 0.42 | |
| | ΔT | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 12 | 22 | 21 | 17 | 12 | |
| kW | 2.31 | 2.36 | 2.42 | 2.50 | 2.47 | 2.52 | 2.60 | 2.68 | 2.62 | 2.67 | 2.76 | 2.84 | 2.75 | 2.81 | 2.89 | 2.98 | 2.86 | 2.92 | 3.01 | 3.11 | 2.95 | 3.01 | 3.11 | 3.21 | | |
| Amps | 10.4 | 10.6 | 10.9 | 11.2 | 11.1 | 11.3 | 11.6 | 12.0 | 11.9 | 12.1 | 12.4 | 12.8 | 12.5 | 12.8 | 13.1 | 13.5 | 13.2 | 13.5 | 13.8 | 14.3 | 13.8 | 14.1 | 14.5 | 15.0 | | |
| Hi PR | 223 | 240 | 253 | 264 | 250 | 269 | 284 | 296 | 285 | 306 | 323 | 337 | 324 | 349 | 368 | 384 | 365 | 392 | 414 | 432 | 403 | 433 | 458 | 477 | | |
| Lo PR | 122 | 120 | 131 | 139 | 119 | 126 | 138 | 147 | 123 | 131 | 143 | 153 | 130 | 138 | 151 | 160 | 136 | 145 | 158 | 168 | 141 | 150 | 163 | 174 | | |
| MBh | 31.3 | 32.2 | 34.8 | 37.4 | 30.5 | 31.4 | 34.0 | 36.5 | 29.8 | 30.7 | 33.2 | 35.6 | 29.1 | 29.9 | 32.4 | 34.8 | 27.6 | 28.4 | 30.8 | 33.0 | 25.6 | 26.3 | 28.5 | 30.6 | | |
| S/T | 0.81 | 0.72 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.79 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.93 | 0.83 | 0.63 | 0.40 | | |
| ΔT | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 13 | 24 | 23 | 18 | 13 | 25 | 23 | 19 | 13 | 24 | 22 | 18 | 13 | 23 | 21 | 17 | 12 | | |
| kW | 2.26 | 2.30 | 2.37 | 2.44 | 2.42 | 2.47 | 2.54 | 2.62 | 2.56 | 2.61 | 2.69 | 2.77 | 2.68 | 2.74 | 2.82 | 2.91 | 2.79 | 2.85 | 2.94 | 3.03 | 2.88 | 2.94 | 3.03 | 3.13 | | |
| Amps | 10.2 | 10.4 | 10.6 | 11.0 | 10.8 | 11.0 | 11.3 | 11.7 | 11.6 | 11.8 | 12.1 | 12.5 | 12.2 | 12.5 | 12.8 | 13.2 | 12.9 | 13.1 | 13.5 | 13.9 | 13.5 | 13.8 | 14.2 | 14.7 | | |
| Hi PR | 216 | 233 | 246 | 256 | 243 | 261 | 276 | 288 | 276 | 297 | 314 | 327 | 314 | 338 | 357 | 373 | 354 | 381 | 402 | 419 | 391 | 420 | 444 | 463 | | |
| Lo PR | 109 | 116 | 127 | 135 | 115 | 123 | 134 | 143 | 120 | 127 | 139 | 148 | 126 | 134 | 146 | 156 | 132 | 140 | 153 | 163 | 136 | 145 | 158 | 169 | | |

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

EXPANDED COOLING DATA — GPG1548***41** — SINGLE STAGE (CONT.)

| IDB | Airflow | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|------|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | |
| 80 | 1238 | MBh | 35.5 | 36.3 | 38.8 | 41.4 | 34.7 | 35.4 | 37.9 | 40.5 | 33.8 | 34.6 | 37.0 | 39.5 | 33.0 | 33.7 | 36.1 | 38.5 | 31.4 | 32.1 | 34.2 | 36.6 | 29.1 | 29.7 | 31.7 | 33.9 |
| | | S/T | 0.96 | 0.90 | 0.74 | 0.55 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 1.00 | 0.81 | 0.60 | 1.00 | 1.00 | 0.84 | 0.63 | 1.00 | 1.00 | 0.84 | 0.63 |
| | | ΔT | 25 | 24 | 21 | 17 | 26 | 25 | 21 | 17 | 25 | 25 | 21 | 17 | 25 | 25 | 22 | 17 | 23 | 24 | 21 | 17 | 22 | 22 | 20 | 16 |
| | | kW | 2.34 | 2.39 | 2.46 | 2.54 | 2.51 | 2.56 | 2.64 | 2.72 | 2.66 | 2.72 | 2.80 | 2.89 | 2.79 | 2.85 | 2.94 | 3.03 | 2.90 | 2.96 | 3.06 | 3.16 | 3.00 | 3.06 | 3.16 | 3.26 |
| | | Amps | 10.6 | 10.8 | 11.0 | 11.4 | 11.2 | 11.5 | 11.8 | 12.1 | 12.0 | 12.3 | 12.6 | 13.0 | 12.7 | 13.0 | 13.3 | 13.8 | 13.4 | 13.7 | 14.1 | 14.5 | 14.1 | 14.4 | 14.8 | 15.3 |
| | Hi PR | 227 | 245 | 258 | 270 | 255 | 275 | 290 | 302 | 290 | 312 | 330 | 344 | 331 | 356 | 376 | 392 | 372 | 400 | 423 | 441 | 411 | 442 | 467 | 487 | |
| | Lo PR | 115 | 122 | 133 | 142 | 121 | 129 | 141 | 150 | 126 | 134 | 146 | 156 | 132 | 141 | 154 | 164 | 139 | 148 | 161 | 172 | 143 | 153 | 167 | 177 | |
| | MBh | 34.5 | 35.2 | 37.6 | 40.2 | 33.7 | 34.4 | 36.8 | 39.3 | 32.9 | 33.6 | 35.9 | 38.4 | 32.1 | 32.8 | 35.0 | 37.4 | 30.5 | 31.1 | 33.3 | 35.5 | 28.2 | 28.8 | 30.8 | 32.9 | |
| | S/T | 0.92 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.73 | 0.54 | 0.98 | 0.92 | 0.75 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 0.98 | 0.80 | 0.60 | 1.00 | 0.99 | 0.81 | 0.60 | |
| | ΔT | 26 | 25 | 22 | 18 | 27 | 26 | 22 | 18 | 27 | 26 | 22 | 18 | 27 | 26 | 23 | 18 | 25 | 26 | 22 | 18 | 24 | 24 | 21 | 17 | |
| kW | 2.33 | 2.37 | 2.44 | 2.52 | 2.49 | 2.54 | 2.62 | 2.70 | 2.64 | 2.69 | 2.78 | 2.86 | 2.77 | 2.83 | 2.92 | 3.01 | 2.88 | 2.94 | 3.03 | 3.13 | 2.98 | 3.04 | 3.14 | 3.24 | | |
| Amps | 10.5 | 10.7 | 11.0 | 11.3 | 11.2 | 11.4 | 11.7 | 12.0 | 11.9 | 12.2 | 12.5 | 12.9 | 12.6 | 12.9 | 13.2 | 13.7 | 13.3 | 13.6 | 14.0 | 14.4 | 14.0 | 14.2 | 14.7 | 15.1 | | |
| Hi PR | 225 | 242 | 256 | 267 | 253 | 272 | 287 | 299 | 287 | 309 | 327 | 341 | 327 | 352 | 372 | 388 | 368 | 396 | 418 | 436 | 407 | 438 | 462 | 482 | | |
| Lo PR | 114 | 121 | 132 | 140 | 120 | 128 | 139 | 148 | 125 | 133 | 145 | 154 | 131 | 139 | 152 | 162 | 137 | 146 | 159 | 170 | 142 | 151 | 165 | 176 | | |
| MBh | 31.8 | 32.5 | 34.7 | 37.1 | 31.1 | 31.7 | 33.9 | 36.3 | 30.3 | 31.0 | 33.1 | 35.4 | 29.6 | 30.2 | 32.3 | 34.5 | 28.1 | 28.7 | 30.7 | 32.8 | 26.0 | 26.6 | 28.4 | 30.4 | | |
| S/T | 0.89 | 0.83 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.01 | 0.95 | 0.77 | 0.58 | 1.02 | 0.95 | 0.78 | 0.58 | | |
| ΔT | 27 | 26 | 22 | 18 | 27 | 26 | 23 | 18 | 27 | 26 | 23 | 18 | 27 | 26 | 23 | 18 | 27 | 26 | 23 | 18 | 25 | 24 | 21 | 17 | | |
| kW | 2.28 | 2.32 | 2.39 | 2.46 | 2.44 | 2.49 | 2.56 | 2.64 | 2.58 | 2.63 | 2.71 | 2.80 | 2.71 | 2.76 | 2.85 | 2.94 | 2.81 | 2.87 | 2.96 | 3.06 | 2.90 | 2.97 | 3.06 | 3.16 | | |
| Amps | 10.3 | 10.5 | 10.7 | 11.0 | 10.9 | 11.1 | 11.4 | 11.8 | 11.7 | 11.9 | 12.2 | 12.6 | 12.3 | 12.6 | 12.9 | 13.3 | 13.0 | 13.2 | 13.6 | 14.1 | 13.6 | 13.9 | 14.3 | 14.8 | | |
| Hi PR | 218 | 235 | 248 | 259 | 245 | 264 | 279 | 291 | 279 | 300 | 317 | 330 | 317 | 342 | 361 | 376 | 357 | 384 | 406 | 423 | 395 | 425 | 448 | 468 | | |
| Lo PR | 110 | 117 | 128 | 136 | 116 | 124 | 135 | 144 | 121 | 129 | 141 | 150 | 127 | 135 | 148 | 157 | 133 | 142 | 155 | 165 | 138 | 147 | 160 | 170 | | |
| 85 | 1238 | MBh | 36.1 | 36.8 | 38.6 | 41.1 | 35.3 | 36.0 | 37.7 | 40.2 | 34.4 | 35.1 | 36.8 | 39.2 | 33.6 | 34.2 | 35.9 | 38.3 | 31.9 | 32.5 | 34.1 | 36.4 | 29.6 | 30.1 | 31.6 | 33.7 |
| | | S/T | 1.00 | 0.98 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.97 | 0.78 | 1.00 | 1.00 | 0.96 | 0.81 | 1.00 | 1.00 | 0.96 | 0.82 |
| | | ΔT | 27 | 27 | 25 | 22 | 26 | 27 | 26 | 22 | 26 | 26 | 26 | 22 | 25 | 25 | 26 | 22 | 24 | 24 | 25 | 22 | 22 | 22 | 23 | 21 |
| | | kW | 2.36 | 2.41 | 2.48 | 2.55 | 2.53 | 2.58 | 2.66 | 2.74 | 2.68 | 2.74 | 2.82 | 2.91 | 2.81 | 2.87 | 2.96 | 3.06 | 2.93 | 2.99 | 3.08 | 3.18 | 3.02 | 3.09 | 3.19 | 3.29 |
| | | Amps | 10.6 | 10.8 | 11.1 | 11.5 | 11.3 | 11.5 | 11.9 | 12.2 | 12.1 | 12.4 | 12.7 | 13.1 | 12.8 | 13.1 | 13.4 | 13.9 | 13.5 | 13.8 | 14.2 | 14.6 | 14.2 | 14.5 | 14.9 | 15.4 |
| | Hi PR | 230 | 247 | 261 | 272 | 258 | 277 | 293 | 306 | 293 | 315 | 333 | 347 | 334 | 359 | 379 | 396 | 376 | 404 | 427 | 445 | 415 | 447 | 472 | 492 | |
| | Lo PR | 116 | 123 | 135 | 143 | 122 | 130 | 142 | 151 | 127 | 135 | 148 | 157 | 134 | 142 | 155 | 165 | 140 | 149 | 163 | 173 | 145 | 154 | 168 | 179 | |
| | MBh | 35.1 | 35.7 | 37.4 | 39.9 | 34.3 | 34.9 | 36.6 | 39.0 | 33.4 | 34.1 | 35.7 | 38.1 | 32.6 | 33.3 | 34.8 | 37.2 | 31.0 | 31.6 | 33.1 | 35.3 | 28.7 | 29.3 | 30.6 | 32.7 | |
| | S/T | 0.96 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 0.96 | 0.78 | |
| | ΔT | 28 | 28 | 26 | 23 | 29 | 29 | 27 | 23 | 28 | 28 | 27 | 23 | 27 | 28 | 27 | 23 | 26 | 26 | 26 | 23 | 24 | 24 | 25 | 21 | |
| kW | 2.34 | 2.39 | 2.46 | 2.54 | 2.51 | 2.56 | 2.64 | 2.72 | 2.66 | 2.72 | 2.80 | 2.89 | 2.79 | 2.85 | 2.94 | 3.03 | 2.90 | 2.96 | 3.06 | 3.16 | 3.00 | 3.06 | 3.16 | 3.26 | | |
| Amps | 10.6 | 10.8 | 11.0 | 11.4 | 11.2 | 11.5 | 11.8 | 12.1 | 12.0 | 12.3 | 12.6 | 13.0 | 12.7 | 13.0 | 13.3 | 13.8 | 13.4 | 13.7 | 14.1 | 14.5 | 14.1 | 14.4 | 14.8 | 15.3 | | |
| Hi PR | 227 | 245 | 258 | 270 | 255 | 275 | 290 | 302 | 290 | 312 | 330 | 344 | 331 | 356 | 376 | 392 | 372 | 400 | 423 | 441 | 411 | 442 | 467 | 487 | | |
| Lo PR | 115 | 122 | 133 | 142 | 121 | 129 | 141 | 150 | 126 | 134 | 146 | 156 | 132 | 141 | 154 | 164 | 139 | 148 | 161 | 172 | 143 | 153 | 167 | 177 | | |
| MBh | 32.4 | 33.0 | 34.6 | 36.9 | 31.6 | 32.2 | 33.8 | 36.0 | 30.9 | 31.5 | 32.9 | 35.1 | 30.1 | 30.7 | 32.1 | 34.3 | 28.6 | 29.2 | 30.5 | 32.6 | 26.5 | 27.0 | 28.3 | 30.2 | | |
| S/T | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.93 | 0.75 | | |
| ΔT | 29 | 28 | 27 | 23 | 29 | 29 | 27 | 23 | 29 | 29 | 27 | 23 | 29 | 29 | 27 | 23 | 27 | 28 | 27 | 23 | 25 | 26 | 25 | 22 | | |
| kW | 2.29 | 2.34 | 2.41 | 2.48 | 2.46 | 2.50 | 2.58 | 2.66 | 2.60 | 2.65 | 2.73 | 2.82 | 2.73 | 2.78 | 2.87 | 2.96 | 2.83 | 2.89 | 2.98 | 3.08 | 2.93 | 2.99 | 3.08 | 3.18 | | |
| Amps | 10.3 | 10.5 | 10.8 | 11.1 | 11.0 | 11.2 | 11.5 | 11.9 | 11.8 | 12.0 | 12.3 | 12.7 | 12.4 | 12.7 | 13.0 | 13.4 | 13.1 | 13.4 | 13.7 | 14.2 | 13.7 | 14.0 | 14.4 | 14.9 | | |
| Hi PR | 221 | 237 | 251 | 261 | 248 | 266 | 281 | 293 | 282 | 303 | 320 | 334 | 321 | 345 | 364 | 380 | 361 | 388 | 410 | 428 | 399 | 429 | 453 | 472 | | |
| Lo PR | 111 | 118 | 129 | 138 | 118 | 125 | 137 | 145 | 122 | 130 | 142 | 151 | 128 | 137 | 149 | 159 | 135 | 143 | 156 | 166 | 139 | 148 | 162 | 172 | | |

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

EXPANDED COOLING DATA — GPG1548***41** — Two Stage

| IDB | Airflow | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|----|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | MBh | 46.5 | 48.2 | 52.9 | - | 45.5 | 47.1 | 51.6 | - | 44.4 | 46.0 | 50.4 | - | 43.3 | 44.9 | 49.2 | - | 41.1 | 42.6 | 46.7 | - | 38.1 | 39.5 | 43.3 | - |
| | S/T | 0.77 | 0.65 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.82 | 0.69 | 0.48 | - | 0.85 | 0.71 | 0.49 | - | 0.88 | 0.74 | 0.51 | - | 0.89 | 0.74 | 0.51 | - |
| | ΔT | 19 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 18 | 16 | 12 | - |
| | kW | 3.43 | 3.50 | 3.60 | - | 3.67 | 3.75 | 3.86 | - | 3.89 | 3.97 | 4.08 | - | 4.07 | 4.16 | 4.28 | - | 4.23 | 4.32 | 4.45 | - | 4.37 | 4.46 | 4.60 | - |
| | Amps | 15.9 | 16.2 | 16.6 | - | 16.9 | 17.2 | 17.7 | - | 18.0 | 18.4 | 18.9 | - | 19.0 | 19.4 | 19.9 | - | 20.0 | 20.4 | 20.9 | - | 20.9 | 21.4 | 22.0 | - |
| | Hi PR | 244 | 262 | 277 | - | 273 | 294 | 311 | - | 311 | 334 | 353 | - | 354 | 381 | 402 | - | 398 | 429 | 453 | - | 440 | 473 | 500 | - |
| | Lo PR | 111 | 118 | 129 | - | 117 | 124 | 136 | - | 122 | 129 | 141 | - | 128 | 136 | 148 | - | 134 | 142 | 156 | - | 138 | 147 | 161 | - |
| | MBh | 45.2 | 46.8 | 51.3 | - | 44.1 | 45.7 | 50.1 | - | 43.1 | 44.7 | 48.9 | - | 42.0 | 43.6 | 47.7 | - | 39.9 | 41.4 | 45.4 | - | 37.0 | 38.3 | 42.0 | - |
| | S/T | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.64 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.68 | 0.47 | - | 0.84 | 0.70 | 0.49 | - | 0.85 | 0.71 | 0.49 | - |
| | ΔT | 20 | 18 | 13 | - | 21 | 18 | 13 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 20 | 18 | 13 | - | 19 | 17 | 13 | - |
| kW | 3.41 | 3.48 | 3.58 | - | 3.65 | 3.72 | 3.83 | - | 3.86 | 3.94 | 4.05 | - | 4.04 | 4.13 | 4.25 | - | 4.20 | 4.29 | 4.42 | - | 4.34 | 4.43 | 4.57 | - | |
| Amps | 15.8 | 16.1 | 16.5 | - | 16.8 | 17.1 | 17.5 | - | 17.9 | 18.2 | 18.7 | - | 18.9 | 19.2 | 19.8 | - | 19.8 | 20.2 | 20.8 | - | 20.8 | 21.2 | 21.8 | - | |
| Hi PR | 241 | 259 | 274 | - | 271 | 291 | 307 | - | 308 | 331 | 350 | - | 350 | 377 | 398 | - | 394 | 424 | 448 | - | 436 | 469 | 495 | - | |
| Lo PR | 110 | 117 | 127 | - | 116 | 123 | 135 | - | 120 | 128 | 140 | - | 126 | 135 | 147 | - | 133 | 141 | 154 | - | 137 | 146 | 159 | - | |
| MBh | 41.7 | 43.2 | 47.4 | - | 40.7 | 42.2 | 46.3 | - | 39.8 | 41.2 | 45.2 | - | 38.8 | 40.2 | 44.1 | - | 36.9 | 38.2 | 41.9 | - | 34.1 | 35.4 | 38.8 | - | |
| S/T | 0.71 | 0.59 | 0.41 | - | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.68 | 0.47 | - | 0.82 | 0.68 | 0.47 | - | |
| ΔT | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 19 | 17 | 13 | - | |
| kW | 3.34 | 3.40 | 3.50 | - | 3.57 | 3.64 | 3.74 | - | 3.77 | 3.85 | 3.96 | - | 3.95 | 4.03 | 4.15 | - | 4.10 | 4.19 | 4.32 | - | 4.24 | 4.32 | 4.46 | - | |
| Amps | 15.5 | 15.8 | 16.2 | - | 16.4 | 16.7 | 17.2 | - | 17.5 | 17.9 | 18.3 | - | 18.5 | 18.8 | 19.3 | - | 19.4 | 19.8 | 20.3 | - | 20.3 | 20.7 | 21.3 | - | |
| Hi PR | 234 | 252 | 266 | - | 262 | 282 | 298 | - | 298 | 321 | 339 | - | 340 | 366 | 386 | - | 382 | 412 | 435 | - | 423 | 455 | 480 | - | |
| Lo PR | 106 | 113 | 124 | - | 112 | 120 | 131 | - | 117 | 124 | 136 | - | 123 | 131 | 143 | - | 129 | 137 | 149 | - | 133 | 141 | 154 | - | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75 | MBh | 47.3 | 48.7 | 52.8 | 56.6 | 46.2 | 47.6 | 51.5 | 55.3 | 45.1 | 46.5 | 50.3 | 54.0 | 44.0 | 45.3 | 49.1 | 52.7 | 41.8 | 43.1 | 46.6 | 50.0 | 38.7 | 39.9 | 43.2 | 46.3 |
| | S/T | 0.88 | 0.79 | 0.60 | 0.38 | 0.91 | 0.81 | 0.62 | 0.40 | 0.93 | 0.84 | 0.63 | 0.41 | 0.96 | 0.86 | 0.65 | 0.42 | 1.00 | 0.90 | 0.68 | 0.44 | 1.00 | 0.90 | 0.68 | 0.44 |
| | ΔT | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 21 | 19 | 16 | 11 |
| | kW | 3.46 | 3.53 | 3.63 | 3.74 | 3.70 | 3.78 | 3.89 | 4.01 | 3.92 | 4.00 | 4.12 | 4.24 | 4.11 | 4.19 | 4.32 | 4.45 | 4.27 | 4.36 | 4.49 | 4.63 | 4.41 | 4.50 | 4.64 | 4.79 |
| | Amps | 16.0 | 16.3 | 16.7 | 17.2 | 17.0 | 17.3 | 17.8 | 18.3 | 18.2 | 18.5 | 19.0 | 19.6 | 19.2 | 19.5 | 20.0 | 20.7 | 20.1 | 20.5 | 21.1 | 21.7 | 21.1 | 21.5 | 22.1 | 22.8 |
| | Hi PR | 246 | 265 | 280 | 292 | 276 | 297 | 314 | 327 | 314 | 338 | 357 | 372 | 358 | 385 | 406 | 424 | 402 | 433 | 457 | 477 | 444 | 478 | 505 | 527 |
| | Lo PR | 112 | 119 | 130 | 138 | 118 | 126 | 137 | 146 | 123 | 131 | 143 | 152 | 129 | 137 | 150 | 160 | 135 | 144 | 157 | 167 | 140 | 149 | 162 | 173 |
| | MBh | 46.0 | 47.3 | 51.2 | 55.0 | 44.9 | 46.2 | 50.0 | 53.7 | 43.8 | 45.1 | 48.8 | 52.4 | 42.8 | 44.0 | 47.6 | 51.1 | 40.6 | 41.8 | 45.3 | 48.6 | 37.6 | 38.7 | 41.9 | 45.0 |
| | S/T | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.89 | 0.80 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.95 | 0.85 | 0.65 | 0.42 | 0.96 | 0.86 | 0.65 | 0.42 |
| | ΔT | 23 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 22 | 20 | 17 | 11 |
| kW | 3.43 | 3.50 | 3.60 | 3.71 | 3.68 | 3.75 | 3.86 | 3.97 | 3.89 | 3.97 | 4.09 | 4.21 | 4.08 | 4.16 | 4.29 | 4.42 | 4.23 | 4.32 | 4.46 | 4.60 | 4.37 | 4.46 | 4.60 | 4.75 | |
| Amps | 15.9 | 16.2 | 16.6 | 17.1 | 16.9 | 17.2 | 17.7 | 18.2 | 18.0 | 18.4 | 18.9 | 19.4 | 19.0 | 19.4 | 19.9 | 20.5 | 20.0 | 20.4 | 20.9 | 21.6 | 20.9 | 21.4 | 22.0 | 22.6 | |
| Hi PR | 244 | 262 | 277 | 289 | 273 | 294 | 311 | 324 | 311 | 335 | 353 | 368 | 354 | 381 | 402 | 420 | 398 | 429 | 453 | 472 | 440 | 474 | 500 | 522 | |
| Lo PR | 111 | 118 | 129 | 137 | 117 | 125 | 136 | 145 | 122 | 129 | 141 | 150 | 128 | 136 | 148 | 158 | 134 | 142 | 156 | 166 | 139 | 147 | 161 | 171 | |
| MBh | 42.4 | 43.7 | 47.3 | 50.7 | 41.4 | 42.7 | 46.2 | 49.6 | 40.4 | 41.6 | 45.1 | 48.4 | 39.5 | 40.6 | 44.0 | 47.2 | 37.5 | 38.6 | 41.8 | 44.8 | 34.7 | 35.8 | 38.7 | 41.5 | |
| S/T | 0.81 | 0.72 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.79 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.93 | 0.83 | 0.63 | 0.40 | |
| ΔT | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 13 | 22 | 21 | 17 | 12 | |
| kW | 3.36 | 3.42 | 3.52 | 3.63 | 3.59 | 3.66 | 3.77 | 3.88 | 3.80 | 3.88 | 3.99 | 4.11 | 3.98 | 4.06 | 4.19 | 4.31 | 4.14 | 4.22 | 4.35 | 4.49 | 4.27 | 4.36 | 4.49 | 4.63 | |
| Amps | 15.6 | 15.9 | 16.3 | 16.7 | 16.6 | 16.9 | 17.3 | 17.8 | 17.7 | 18.0 | 18.5 | 19.0 | 18.6 | 19.0 | 19.5 | 20.0 | 19.5 | 19.9 | 20.5 | 21.1 | 20.5 | 20.9 | 21.5 | 22.1 | |
| Hi PR | 236 | 254 | 268 | 280 | 265 | 285 | 301 | 314 | 302 | 324 | 343 | 357 | 343 | 370 | 390 | 407 | 386 | 416 | 439 | 458 | 427 | 459 | 485 | 506 | |
| Lo PR | 107 | 114 | 125 | 133 | 114 | 121 | 132 | 140 | 118 | 126 | 137 | 146 | 124 | 132 | 144 | 153 | 130 | 138 | 151 | 161 | 134 | 143 | 156 | 166 | |

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

EXPANDED COOLING DATA — GPG1548***41** — Two Stage (CONT.)

| IDB | Airflow | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | MBh | 48.2 | 49.2 | 52.6 | 56.2 | 47.1 | 48.1 | 51.4 | 54.9 | 45.9 | 46.9 | 50.1 | 53.6 | 44.8 | 45.8 | 48.9 | 52.3 | 42.6 | 43.5 | 46.5 | 49.7 | 39.4 | 40.3 | 43.1 | 46.0 |
| | S/T | 0.96 | 0.90 | 0.74 | 0.55 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 1.00 | 0.81 | 0.60 | 1.00 | 1.00 | 0.84 | 0.63 | 1.00 | 1.00 | 0.84 | 0.63 |
| | ΔT | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 24 | 25 | 21 | 17 | 24 | 25 | 21 | 17 | 23 | 24 | 21 | 17 | 21 | 22 | 20 | 16 |
| | kW | 3.48 | 3.55 | 3.66 | 3.76 | 3.73 | 3.80 | 3.92 | 4.04 | 3.95 | 4.03 | 4.15 | 4.28 | 4.14 | 4.22 | 4.35 | 4.49 | 4.30 | 4.39 | 4.53 | 4.67 | 4.44 | 4.53 | 4.68 | 4.82 |
| | Amps | 16.2 | 16.5 | 16.9 | 17.3 | 17.2 | 17.5 | 17.9 | 18.4 | 18.3 | 18.7 | 19.1 | 19.7 | 19.3 | 19.7 | 20.2 | 20.8 | 20.3 | 20.7 | 21.3 | 21.9 | 21.3 | 21.7 | 22.3 | 23.0 |
| | Hi PR | 249 | 267 | 282 | 295 | 279 | 300 | 317 | 330 | 317 | 341 | 360 | 376 | 361 | 389 | 410 | 428 | 406 | 437 | 462 | 482 | 449 | 483 | 510 | 532 |
| | Lo PR | 113 | 120 | 131 | 140 | 119 | 127 | 139 | 148 | 124 | 132 | 144 | 154 | 130 | 139 | 151 | 161 | 137 | 145 | 159 | 169 | 141 | 150 | 164 | 175 |
| | MBh | 46.8 | 47.8 | 51.1 | 54.6 | 45.7 | 46.7 | 49.9 | 53.3 | 44.6 | 45.6 | 48.7 | 52.0 | 43.5 | 44.5 | 47.5 | 50.8 | 41.3 | 42.2 | 45.1 | 48.2 | 38.3 | 39.1 | 41.8 | 44.7 |
| | S/T | 0.92 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.73 | 0.54 | 0.98 | 0.92 | 0.75 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 0.98 | 0.80 | 0.60 | 1.00 | 0.99 | 0.81 | 0.60 |
| | ΔT | 26 | 25 | 22 | 17 | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 26 | 26 | 22 | 18 | 26 | 25 | 22 | 18 | 23 | 24 | 21 | 16 |
| kW | 3.46 | 3.53 | 3.63 | 3.74 | 3.70 | 3.78 | 3.89 | 4.01 | 3.92 | 4.00 | 4.12 | 4.24 | 4.11 | 4.19 | 4.32 | 4.45 | 4.27 | 4.36 | 4.49 | 4.63 | 4.41 | 4.50 | 4.64 | 4.79 | |
| Amps | 16.0 | 16.3 | 16.7 | 17.2 | 17.0 | 17.3 | 17.8 | 18.3 | 18.2 | 18.5 | 19.0 | 19.6 | 19.2 | 19.5 | 20.0 | 20.7 | 20.1 | 20.5 | 21.1 | 21.8 | 21.1 | 21.5 | 22.1 | 22.8 | |
| Hi PR | 246 | 265 | 280 | 292 | 276 | 297 | 314 | 327 | 314 | 338 | 357 | 372 | 358 | 385 | 406 | 424 | 402 | 433 | 457 | 477 | 445 | 478 | 505 | 527 | |
| Lo PR | 112 | 119 | 130 | 138 | 118 | 126 | 137 | 146 | 123 | 131 | 143 | 152 | 129 | 137 | 150 | 160 | 135 | 144 | 157 | 167 | 140 | 149 | 163 | 173 | |
| MBh | 43.2 | 44.1 | 47.1 | 50.4 | 42.2 | 43.1 | 46.0 | 49.2 | 41.2 | 42.1 | 44.9 | 48.0 | 40.2 | 41.0 | 43.8 | 46.9 | 38.2 | 39.0 | 41.7 | 44.5 | 35.3 | 36.1 | 38.6 | 41.2 | |
| S/T | 0.89 | 0.83 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.01 | 0.95 | 0.77 | 0.58 | 1.02 | 0.95 | 0.78 | 0.58 | |
| ΔT | 27 | 26 | 22 | 18 | 27 | 26 | 22 | 18 | 27 | 26 | 22 | 18 | 27 | 26 | 23 | 18 | 27 | 26 | 22 | 18 | 25 | 24 | 21 | 17 | |
| kW | 3.38 | 3.45 | 3.55 | 3.65 | 3.62 | 3.69 | 3.80 | 3.91 | 3.83 | 3.91 | 4.02 | 4.14 | 4.01 | 4.09 | 4.22 | 4.35 | 4.17 | 4.25 | 4.38 | 4.52 | 4.30 | 4.39 | 4.53 | 4.67 | |
| Amps | 15.7 | 16.0 | 16.4 | 16.9 | 16.7 | 17.0 | 17.4 | 17.9 | 17.8 | 18.1 | 18.6 | 19.1 | 18.7 | 19.1 | 19.6 | 20.2 | 19.7 | 20.1 | 20.6 | 21.3 | 20.6 | 21.0 | 21.6 | 22.3 | |
| Hi PR | 239 | 257 | 271 | 283 | 268 | 288 | 304 | 317 | 305 | 328 | 346 | 361 | 347 | 373 | 394 | 411 | 390 | 420 | 443 | 463 | 431 | 464 | 490 | 511 | |
| Lo PR | 109 | 115 | 126 | 134 | 115 | 122 | 133 | 142 | 119 | 127 | 138 | 147 | 125 | 133 | 145 | 155 | 131 | 140 | 152 | 162 | 136 | 144 | 158 | 168 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85 | MBh | 49.0 | 50.0 | 52.3 | 55.8 | 47.9 | 48.8 | 51.1 | 54.5 | 46.7 | 47.6 | 49.9 | 53.2 | 45.6 | 46.5 | 48.7 | 51.9 | 43.3 | 44.2 | 46.2 | 49.3 | 40.1 | 40.9 | 42.8 | 45.7 |
| | S/T | 1.00 | 0.98 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.97 | 0.78 | 1.00 | 1.00 | 1.00 | 0.81 | 1.00 | 1.00 | 1.00 | 0.82 |
| | ΔT | 27 | 26 | 25 | 22 | 26 | 26 | 25 | 22 | 25 | 26 | 25 | 22 | 25 | 25 | 25 | 22 | 23 | 24 | 25 | 22 | 22 | 22 | 23 | 20 |
| | kW | 3.51 | 3.58 | 3.68 | 3.79 | 3.76 | 3.83 | 3.95 | 4.07 | 3.98 | 4.06 | 4.18 | 4.31 | 4.17 | 4.26 | 4.39 | 4.52 | 4.33 | 4.42 | 4.56 | 4.71 | 4.48 | 4.57 | 4.71 | 4.86 |
| | Amps | 16.3 | 16.6 | 17.0 | 17.5 | 17.3 | 17.6 | 18.0 | 18.6 | 18.4 | 18.8 | 19.3 | 19.9 | 19.4 | 19.8 | 20.3 | 21.0 | 20.4 | 20.8 | 21.4 | 22.1 | 21.4 | 21.9 | 22.5 | 23.2 |
| | Hi PR | 251 | 270 | 285 | 297 | 282 | 303 | 320 | 334 | 320 | 345 | 364 | 380 | 365 | 393 | 415 | 432 | 410 | 442 | 466 | 486 | 453 | 488 | 515 | 537 |
| | Lo PR | 114 | 121 | 133 | 141 | 121 | 128 | 140 | 149 | 125 | 133 | 146 | 155 | 132 | 140 | 153 | 163 | 138 | 147 | 160 | 171 | 143 | 152 | 166 | 177 |
| | MBh | 47.6 | 48.5 | 50.8 | 54.2 | 46.5 | 47.4 | 49.6 | 52.9 | 45.4 | 46.3 | 48.4 | 51.7 | 44.3 | 45.1 | 47.3 | 50.4 | 42.1 | 42.9 | 44.9 | 47.9 | 39.0 | 39.7 | 41.6 | 44.4 |
| | S/T | 0.96 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 0.96 | 0.78 |
| | ΔT | 28 | 27 | 26 | 22 | 28 | 28 | 26 | 23 | 28 | 28 | 26 | 23 | 27 | 27 | 26 | 23 | 26 | 26 | 26 | 23 | 24 | 24 | 24 | 21 |
| kW | 3.48 | 3.55 | 3.66 | 3.76 | 3.73 | 3.80 | 3.92 | 4.04 | 3.95 | 4.03 | 4.15 | 4.28 | 4.14 | 4.22 | 4.35 | 4.49 | 4.30 | 4.39 | 4.53 | 4.67 | 4.44 | 4.53 | 4.68 | 4.82 | |
| Amps | 16.2 | 16.5 | 16.9 | 17.3 | 17.2 | 17.5 | 17.9 | 18.4 | 18.3 | 18.7 | 19.1 | 19.7 | 19.3 | 19.7 | 20.2 | 20.8 | 20.3 | 20.7 | 21.3 | 21.9 | 21.3 | 21.7 | 22.3 | 23.0 | |
| Hi PR | 249 | 267 | 282 | 295 | 279 | 300 | 317 | 330 | 317 | 341 | 360 | 376 | 361 | 389 | 410 | 428 | 406 | 437 | 462 | 482 | 449 | 483 | 510 | 532 | |
| Lo PR | 113 | 120 | 131 | 140 | 119 | 127 | 139 | 148 | 124 | 132 | 144 | 154 | 130 | 139 | 151 | 161 | 137 | 145 | 159 | 169 | 141 | 150 | 164 | 175 | |
| MBh | 43.9 | 44.8 | 46.9 | 50.0 | 42.9 | 43.7 | 45.8 | 48.9 | 41.9 | 42.7 | 44.7 | 47.7 | 40.9 | 41.7 | 43.6 | 46.5 | 38.8 | 39.6 | 41.4 | 44.2 | 36.0 | 36.7 | 38.4 | 41.0 | |
| S/T | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.93 | 0.75 | |
| ΔT | 28 | 28 | 26 | 23 | 29 | 28 | 27 | 23 | 29 | 28 | 27 | 23 | 28 | 29 | 27 | 23 | 27 | 28 | 27 | 23 | 25 | 26 | 25 | 21 | |
| kW | 3.41 | 3.47 | 3.57 | 3.68 | 3.65 | 3.72 | 3.83 | 3.94 | 3.86 | 3.93 | 4.05 | 4.18 | 4.04 | 4.13 | 4.25 | 4.38 | 4.20 | 4.29 | 4.42 | 4.56 | 4.34 | 4.43 | 4.56 | 4.71 | |
| Amps | 15.8 | 16.1 | 16.5 | 17.0 | 16.8 | 17.1 | 17.5 | 18.0 | 17.9 | 18.2 | 18.7 | 19.3 | 18.9 | 19.2 | 19.7 | 20.3 | 19.8 | 20.2 | 20.8 | 21.4 | 20.8 | 21.2 | 21.8 | 22.5 | |
| Hi PR | 241 | 259 | 274 | 286 | 270 | 291 | 307 | 321 | 308 | 331 | 350 | 365 | 350 | 377 | 398 | 415 | 394 | 424 | 448 | 467 | 436 | 469 | 495 | 516 | |
| Lo PR | 110 | 117 | 127 | 136 | 116 | 123 | 135 | 143 | 120 | 128 | 140 | 149 | 126 | 135 | 147 | 156 | 133 | 141 | 154 | 164 | 137 | 146 | 159 | 170 | |

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

EXPANDED COOLING DATA — GPG1560***41** — SINGLE STAGE

| 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 |
| 1463 | MBh | 40.2 | 41.6 | 45.6 | - | 39.2 | 40.7 | 44.6 | - | 38.3 | 39.7 | 43.5 | - | 37.4 | 38.7 | 42.4 | - | 35.5 | 36.8 | 40.3 | - | 32.9 | 34.1 | 37.3 | - |
| | S/T | 0.77 | 0.65 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.82 | 0.69 | 0.48 | - | 0.85 | 0.71 | 0.49 | - | 0.88 | 0.74 | 0.51 | - | 0.89 | 0.74 | 0.51 | - |
| | ΔT | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 18 | 16 | 12 | - |
| | kW | 2.88 | 2.94 | 3.03 | - | 3.09 | 3.16 | 3.25 | - | 3.28 | 3.35 | 3.45 | - | 3.44 | 3.52 | 3.63 | - | 3.59 | 3.66 | 3.78 | - | 3.71 | 3.79 | 3.91 | - |
| | Amps | 13.6 | 13.9 | 14.2 | - | 14.5 | 14.7 | 15.1 | - | 15.4 | 15.7 | 16.2 | - | 16.3 | 16.6 | 17.1 | - | 17.1 | 17.5 | 18.0 | - | 18.0 | 18.3 | 18.8 | - |
| | Hi PR | 231 | 248 | 262 | - | 259 | 279 | 294 | - | 294 | 317 | 335 | - | 335 | 361 | 381 | - | 377 | 406 | 429 | - | 417 | 449 | 474 | - |
| | Lo PR | 111 | 118 | 129 | - | 117 | 125 | 136 | - | 122 | 129 | 141 | - | 128 | 136 | 148 | - | 134 | 143 | 156 | - | 139 | 147 | 161 | - |
| | MBh | 39.0 | 40.4 | 44.3 | - | 38.1 | 39.5 | 43.3 | - | 37.2 | 38.5 | 42.2 | - | 36.3 | 37.6 | 41.2 | - | 34.5 | 35.7 | 39.1 | - | 31.9 | 33.1 | 36.3 | - |
| | S/T | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.64 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.68 | 0.47 | - | 0.84 | 0.70 | 0.49 | - | 0.85 | 0.71 | 0.49 | - |
| | ΔT | 20 | 18 | 13 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 20 | 18 | 13 | - | 19 | 17 | 13 | - |
| 70 | kW | 2.86 | 2.92 | 3.00 | - | 3.07 | 3.13 | 3.23 | - | 3.25 | 3.32 | 3.43 | - | 3.42 | 3.49 | 3.60 | - | 3.56 | 3.63 | 3.75 | - | 3.68 | 3.76 | 3.88 | - |
| | Amps | 13.5 | 13.8 | 14.1 | - | 14.4 | 14.6 | 15.0 | - | 15.3 | 15.6 | 16.0 | - | 16.2 | 16.5 | 16.9 | - | 17.0 | 17.3 | 17.8 | - | 17.8 | 18.2 | 18.7 | - |
| | Hi PR | 228 | 246 | 260 | - | 256 | 276 | 291 | - | 292 | 314 | 331 | - | 332 | 357 | 377 | - | 374 | 402 | 424 | - | 413 | 444 | 469 | - |
| | Lo PR | 110 | 117 | 127 | - | 116 | 123 | 135 | - | 120 | 128 | 140 | - | 127 | 135 | 147 | - | 133 | 141 | 154 | - | 137 | 146 | 159 | - |
| | MBh | 36.0 | 37.3 | 40.9 | - | 35.2 | 36.4 | 39.9 | - | 34.3 | 35.6 | 39.0 | - | 33.5 | 34.7 | 38.0 | - | 31.8 | 33.0 | 36.1 | - | 29.5 | 30.5 | 33.5 | - |
| | S/T | 0.71 | 0.59 | 0.41 | - | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.68 | 0.47 | - | 0.82 | 0.68 | 0.47 | - |
| | ΔT | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 19 | 17 | 13 | - |
| | kW | 2.79 | 2.85 | 2.93 | - | 3.00 | 3.06 | 3.15 | - | 3.18 | 3.24 | 3.34 | - | 3.34 | 3.41 | 3.51 | - | 3.47 | 3.55 | 3.66 | - | 3.59 | 3.67 | 3.78 | - |
| | Amps | 13.2 | 13.5 | 13.8 | - | 14.1 | 14.3 | 14.7 | - | 15.0 | 15.3 | 15.7 | - | 15.8 | 16.1 | 16.5 | - | 16.6 | 17.0 | 17.4 | - | 17.4 | 17.8 | 18.3 | - |
| | Hi PR | 222 | 238 | 252 | - | 249 | 268 | 283 | - | 283 | 304 | 321 | - | 322 | 347 | 366 | - | 362 | 390 | 412 | - | 400 | 431 | 455 | - |
| Lo PR | 106 | 113 | 124 | - | 112 | 120 | 131 | - | 117 | 124 | 136 | - | 123 | 131 | 143 | - | 129 | 137 | 149 | - | 133 | 142 | 155 | - | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1463 | MBh | 40.9 | 42.1 | 45.5 | 48.9 | 39.9 | 41.1 | 44.5 | 47.7 | 39.0 | 40.1 | 43.4 | 46.6 | 38.0 | 39.1 | 42.4 | 45.5 | 36.1 | 37.2 | 40.2 | 43.2 | 33.4 | 34.4 | 37.3 | 40.0 |
| | S/T | 0.88 | 0.79 | 0.60 | 0.38 | 0.91 | 0.81 | 0.62 | 0.40 | 0.93 | 0.84 | 0.63 | 0.41 | 0.96 | 0.86 | 0.65 | 0.42 | 1.00 | 0.90 | 0.68 | 0.44 | 1.00 | 0.90 | 0.68 | 0.44 |
| | ΔT | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 21 | 20 | 16 | 11 |
| | kW | 2.90 | 2.96 | 3.05 | 3.15 | 3.12 | 3.18 | 3.28 | 3.38 | 3.31 | 3.38 | 3.48 | 3.59 | 3.47 | 3.55 | 3.66 | 3.78 | 3.62 | 3.69 | 3.81 | 3.94 | 3.74 | 3.82 | 3.94 | 4.07 |
| | Amps | 13.7 | 14.0 | 14.3 | 14.7 | 14.6 | 14.8 | 15.2 | 15.7 | 15.6 | 15.9 | 16.3 | 16.8 | 16.4 | 16.7 | 17.2 | 17.7 | 17.3 | 17.6 | 18.1 | 18.7 | 18.1 | 18.5 | 19.0 | 19.6 |
| | Hi PR | 233 | 251 | 265 | 276 | 262 | 281 | 297 | 310 | 297 | 320 | 338 | 353 | 339 | 365 | 385 | 402 | 381 | 410 | 433 | 452 | 421 | 453 | 479 | 499 |
| | Lo PR | 112 | 119 | 130 | 138 | 118 | 126 | 137 | 146 | 123 | 131 | 143 | 152 | 129 | 137 | 150 | 160 | 135 | 144 | 157 | 167 | 140 | 149 | 163 | 173 |
| | MBh | 39.7 | 40.8 | 44.2 | 47.4 | 38.7 | 39.9 | 43.2 | 46.3 | 37.8 | 38.9 | 42.2 | 45.2 | 36.9 | 38.0 | 41.1 | 44.1 | 35.1 | 36.1 | 39.1 | 41.9 | 32.5 | 33.4 | 36.2 | 38.8 |
| | S/T | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.89 | 0.80 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.95 | 0.85 | 0.65 | 0.42 | 0.96 | 0.86 | 0.65 | 0.42 |
| | ΔT | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 22 | 20 | 17 | 12 |
| 75 | kW | 2.88 | 2.94 | 3.03 | 3.12 | 3.09 | 3.16 | 3.25 | 3.36 | 3.28 | 3.35 | 3.45 | 3.57 | 3.45 | 3.52 | 3.63 | 3.75 | 3.59 | 3.66 | 3.78 | 3.91 | 3.71 | 3.79 | 3.91 | 4.04 |
| | Amps | 13.6 | 13.9 | 14.2 | 14.6 | 14.5 | 14.7 | 15.1 | 15.6 | 15.4 | 15.7 | 16.2 | 16.6 | 16.3 | 16.6 | 17.1 | 17.6 | 17.1 | 17.5 | 18.0 | 18.5 | 18.0 | 18.3 | 18.8 | 19.4 |
| | Hi PR | 231 | 248 | 262 | 274 | 259 | 279 | 294 | 307 | 294 | 317 | 335 | 349 | 335 | 361 | 381 | 398 | 377 | 406 | 429 | 447 | 417 | 449 | 474 | 494 |
| | Lo PR | 111 | 118 | 129 | 137 | 117 | 125 | 136 | 145 | 122 | 129 | 141 | 151 | 128 | 136 | 149 | 158 | 134 | 143 | 156 | 166 | 139 | 147 | 161 | 171 |
| | MBh | 36.6 | 37.7 | 40.8 | 43.8 | 35.8 | 36.8 | 39.9 | 42.8 | 34.9 | 35.9 | 38.9 | 41.8 | 34.1 | 35.1 | 38.0 | 40.7 | 32.4 | 33.3 | 36.1 | 38.7 | 30.0 | 30.9 | 33.4 | 35.8 |
| | S/T | 0.81 | 0.72 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.79 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.93 | 0.83 | 0.63 | 0.40 |
| | ΔT | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 13 | 22 | 21 | 17 | 12 |
| | kW | 2.81 | 2.87 | 2.96 | 3.05 | 3.02 | 3.08 | 3.18 | 3.28 | 3.20 | 3.27 | 3.37 | 3.48 | 3.36 | 3.43 | 3.54 | 3.66 | 3.50 | 3.57 | 3.69 | 3.81 | 3.62 | 3.70 | 3.81 | 3.94 |
| | Amps | 13.3 | 13.6 | 13.9 | 14.3 | 14.2 | 14.4 | 14.8 | 15.2 | 15.1 | 15.4 | 15.8 | 16.3 | 15.9 | 16.2 | 16.7 | 17.2 | 16.7 | 17.1 | 17.5 | 18.1 | 17.6 | 17.9 | 18.4 | 19.0 |
| | Hi PR | 224 | 241 | 254 | 265 | 251 | 270 | 285 | 298 | 286 | 307 | 325 | 339 | 325 | 350 | 370 | 386 | 366 | 394 | 416 | 434 | 404 | 435 | 460 | 479 |
| Lo PR | 108 | 114 | 125 | 133 | 114 | 121 | 132 | 141 | 118 | 126 | 137 | 146 | 124 | 132 | 144 | 153 | 130 | 138 | 151 | 161 | 134 | 143 | 156 | 166 | |

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

EXPANDED COOLING DATA — GPG1560***41** — SINGLE STAGE (CONT.)

| 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 |
| 1463 | MBh | 41.6 | 42.5 | 45.4 | 48.5 | 40.6 | 41.5 | 44.3 | 47.4 | 39.6 | 40.5 | 43.3 | 46.3 | 38.7 | 39.5 | 42.2 | 45.1 | 36.7 | 37.6 | 40.1 | 42.9 | 34.0 | 34.8 | 37.2 | 39.7 |
| | S/T | 0.96 | 0.90 | 0.74 | 0.55 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 1.00 | 0.81 | 0.60 | 1.00 | 1.00 | 0.84 | 0.63 | 1.00 | 1.00 | 0.84 | 0.63 |
| | ΔT | 25 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 24 | 25 | 21 | 17 | 24 | 25 | 21 | 17 | 23 | 24 | 21 | 17 | 21 | 22 | 20 | 16 |
| | kW | 2.92 | 2.98 | 3.07 | 3.17 | 3.14 | 3.21 | 3.31 | 3.41 | 3.33 | 3.40 | 3.51 | 3.62 | 3.50 | 3.58 | 3.69 | 3.81 | 3.65 | 3.72 | 3.84 | 3.97 | 3.77 | 3.85 | 3.98 | 4.11 |
| | Amps | 13.8 | 14.1 | 14.4 | 14.8 | 14.7 | 14.9 | 15.3 | 15.8 | 15.7 | 16.0 | 16.4 | 16.9 | 16.5 | 16.9 | 17.3 | 17.9 | 17.4 | 17.7 | 18.2 | 18.8 | 18.2 | 18.6 | 19.1 | 19.8 |
| | Hi PR | 235 | 253 | 268 | 279 | 264 | 284 | 300 | 313 | 300 | 323 | 341 | 356 | 342 | 368 | 389 | 406 | 385 | 414 | 437 | 456 | 425 | 458 | 483 | 504 |
| | Lo PR | 113 | 120 | 131 | 140 | 119 | 127 | 139 | 148 | 124 | 132 | 144 | 154 | 130 | 139 | 152 | 161 | 137 | 145 | 159 | 169 | 141 | 150 | 164 | 175 |
| | MBh | 40.4 | 41.3 | 44.1 | 47.1 | 39.4 | 40.3 | 43.1 | 46.0 | 38.5 | 39.3 | 42.0 | 44.9 | 37.6 | 38.4 | 41.0 | 43.8 | 35.7 | 36.5 | 39.0 | 41.6 | 33.0 | 33.8 | 36.1 | 38.6 |
| | S/T | 0.92 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.73 | 0.54 | 0.98 | 0.92 | 0.75 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 0.98 | 0.80 | 0.60 | 1.00 | 0.99 | 0.81 | 0.60 |
| | ΔT | 26 | 25 | 22 | 17 | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 26 | 22 | 18 | 25 | 25 | 22 | 18 | 23 | 24 | 21 | 16 |
| kW | 2.90 | 2.96 | 3.05 | 3.15 | 3.12 | 3.18 | 3.28 | 3.38 | 3.31 | 3.38 | 3.48 | 3.59 | 3.47 | 3.55 | 3.66 | 3.78 | 3.62 | 3.69 | 3.81 | 3.94 | 3.74 | 3.82 | 3.94 | 4.07 | |
| Amps | 13.7 | 14.0 | 14.3 | 14.7 | 14.6 | 14.8 | 15.2 | 15.7 | 15.6 | 15.9 | 16.3 | 16.8 | 16.4 | 16.7 | 17.2 | 17.7 | 17.3 | 17.6 | 18.1 | 18.7 | 18.1 | 18.5 | 19.0 | 19.6 | |
| Hi PR | 233 | 251 | 265 | 276 | 262 | 281 | 297 | 310 | 297 | 320 | 338 | 353 | 339 | 365 | 385 | 402 | 381 | 410 | 433 | 452 | 421 | 453 | 479 | 499 | |
| Lo PR | 112 | 119 | 130 | 139 | 118 | 126 | 137 | 146 | 123 | 131 | 143 | 152 | 129 | 137 | 150 | 160 | 135 | 144 | 157 | 167 | 140 | 149 | 163 | 173 | |
| MBh | 37.3 | 38.1 | 40.7 | 43.5 | 36.4 | 37.2 | 39.7 | 42.5 | 35.5 | 36.3 | 38.8 | 41.5 | 34.7 | 35.4 | 37.8 | 40.5 | 32.9 | 33.6 | 36.0 | 38.4 | 30.5 | 31.2 | 33.3 | 35.6 | |
| S/T | 0.89 | 0.83 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.01 | 0.95 | 0.77 | 0.58 | 1.02 | 0.95 | 0.78 | 0.58 | |
| ΔT | 27 | 26 | 22 | 18 | 27 | 26 | 23 | 18 | 27 | 26 | 23 | 18 | 27 | 26 | 23 | 18 | 27 | 26 | 22 | 18 | 25 | 24 | 21 | 17 | |
| kW | 2.84 | 2.89 | 2.98 | 3.07 | 3.04 | 3.11 | 3.20 | 3.30 | 3.23 | 3.30 | 3.40 | 3.51 | 3.39 | 3.46 | 3.57 | 3.69 | 3.53 | 3.60 | 3.72 | 3.84 | 3.65 | 3.73 | 3.85 | 3.97 | |
| Amps | 13.4 | 13.7 | 14.0 | 14.4 | 14.3 | 14.5 | 14.9 | 15.3 | 15.2 | 15.5 | 15.9 | 16.4 | 16.0 | 16.4 | 16.8 | 17.3 | 16.9 | 17.2 | 17.7 | 18.2 | 17.7 | 18.1 | 18.6 | 19.1 | |
| Hi PR | 226 | 243 | 257 | 268 | 254 | 273 | 288 | 301 | 289 | 311 | 328 | 342 | 329 | 354 | 373 | 390 | 370 | 398 | 420 | 438 | 408 | 440 | 464 | 484 | |
| Lo PR | 109 | 116 | 126 | 134 | 115 | 122 | 133 | 142 | 119 | 127 | 139 | 148 | 125 | 133 | 146 | 155 | 131 | 140 | 152 | 162 | 136 | 144 | 158 | 168 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1463 | 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 | 1.00 | 0.98 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.97 | 0.78 | 1.00 | 1.00 | 1.00 | 0.81 | 1.00 | 1.00 | 1.00 | 0.82 |
| | ΔT | 27 | 26 | 25 | 22 | 26 | 26 | 25 | 22 | 25 | 26 | 25 | 22 | 25 | 25 | 26 | 22 | 24 | 24 | 25 | 22 | 22 | 22 | 23 | 20 |
| | kW | 2.95 | 3.01 | 3.10 | 3.19 | 3.17 | 3.23 | 3.33 | 3.44 | 3.36 | 3.43 | 3.54 | 3.65 | 3.53 | 3.61 | 3.72 | 3.84 | 3.67 | 3.75 | 3.88 | 4.00 | 3.80 | 3.88 | 4.01 | 4.14 |
| | Amps | 13.9 | 14.2 | 14.5 | 14.9 | 14.8 | 15.1 | 15.4 | 15.9 | 15.8 | 16.1 | 16.5 | 17.0 | 16.7 | 17.0 | 17.5 | 18.0 | 17.5 | 17.9 | 18.4 | 19.0 | 18.4 | 18.8 | 19.3 | 19.9 |
| | Hi PR | 238 | 256 | 270 | 282 | 267 | 287 | 303 | 316 | 303 | 327 | 345 | 360 | 346 | 372 | 393 | 410 | 389 | 418 | 442 | 461 | 430 | 462 | 488 | 509 |
| | Lo PR | 114 | 122 | 133 | 141 | 121 | 128 | 140 | 149 | 125 | 133 | 146 | 155 | 132 | 140 | 153 | 163 | 138 | 147 | 160 | 171 | 143 | 152 | 166 | 177 |
| | MBh | 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 | 0.96 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 0.96 | 0.78 |
| | ΔT | 28 | 28 | 26 | 23 | 28 | 28 | 26 | 23 | 28 | 28 | 26 | 23 | 27 | 28 | 27 | 23 | 26 | 26 | 26 | 23 | 24 | 24 | 24 | 21 |
| kW | 2.92 | 2.98 | 3.07 | 3.17 | 3.14 | 3.21 | 3.31 | 3.41 | 3.33 | 3.40 | 3.51 | 3.62 | 3.50 | 3.58 | 3.69 | 3.81 | 3.65 | 3.72 | 3.84 | 3.97 | 3.77 | 3.85 | 3.98 | 4.11 | |
| Amps | 13.8 | 14.1 | 14.4 | 14.8 | 14.7 | 14.9 | 15.3 | 15.8 | 15.7 | 16.0 | 16.4 | 16.9 | 16.5 | 16.9 | 17.3 | 17.9 | 17.4 | 17.7 | 18.2 | 18.8 | 18.2 | 18.6 | 19.1 | 19.8 | |
| Hi PR | 235 | 253 | 268 | 279 | 264 | 284 | 300 | 313 | 300 | 323 | 341 | 356 | 342 | 368 | 389 | 406 | 385 | 414 | 437 | 456 | 425 | 458 | 483 | 504 | |
| Lo PR | 113 | 120 | 131 | 140 | 119 | 127 | 139 | 148 | 124 | 132 | 144 | 154 | 130 | 139 | 152 | 161 | 137 | 145 | 159 | 169 | 141 | 150 | 164 | 175 | |
| MBh | 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 | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.93 | 0.75 | |
| ΔT | 28 | 28 | 26 | 23 | 29 | 28 | 27 | 23 | 29 | 28 | 27 | 23 | 29 | 29 | 27 | 23 | 27 | 28 | 27 | 23 | 25 | 26 | 25 | 22 | |
| kW | 2.86 | 2.91 | 3.00 | 3.10 | 3.07 | 3.13 | 3.23 | 3.33 | 3.25 | 3.32 | 3.43 | 3.54 | 3.42 | 3.49 | 3.60 | 3.72 | 3.56 | 3.63 | 3.75 | 3.87 | 3.68 | 3.76 | 3.88 | 4.01 | |
| Amps | 13.5 | 13.8 | 14.1 | 14.5 | 14.4 | 14.6 | 15.0 | 15.4 | 15.3 | 15.6 | 16.0 | 16.5 | 16.2 | 16.5 | 16.9 | 17.4 | 17.0 | 17.3 | 17.8 | 18.4 | 17.8 | 18.2 | 18.7 | 19.3 | |
| Hi PR | 228 | 246 | 260 | 271 | 256 | 276 | 291 | 304 | 291 | 314 | 331 | 345 | 332 | 357 | 377 | 393 | 373 | 402 | 424 | 443 | 413 | 444 | 469 | 489 | |
| Lo PR | 110 | 117 | 127 | 136 | 116 | 123 | 135 | 143 | 120 | 128 | 140 | 149 | 127 | 135 | 147 | 157 | 133 | 141 | 154 | 164 | 137 | 146 | 159 | 170 | |

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

EXPANDED COOLING DATA — GPG1560***41** — TWO STAGE

| 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 | | | |
| | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 2036 | MBh | 55.4 | 57.4 | 62.9 | - | 54.1 | 56.1 | 61.4 | - | 52.8 | 54.7 | 59.9 | - | 51.5 | 53.4 | 58.5 | - | 48.9 | 50.7 | 55.6 | - | 45.3 | 47.0 | 51.5 | - |
| | S/T | 0.77 | 0.65 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.82 | 0.69 | 0.48 | - | 0.85 | 0.71 | 0.49 | - | 0.88 | 0.74 | 0.51 | - | 0.89 | 0.74 | 0.51 | - |
| | ΔT | 19 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 19 | 17 | 13 | - | 18 | 16 | 12 | - |
| | kW | 4.41 | 4.50 | 4.64 | - | 4.73 | 4.83 | 4.98 | - | 5.02 | 5.12 | 5.28 | - | 5.27 | 5.38 | 5.55 | - | 5.48 | 5.60 | 5.77 | - | 5.66 | 5.78 | 5.97 | - |
| | Amps | 21.5 | 21.8 | 22.4 | - | 22.7 | 23.1 | 23.7 | - | 24.2 | 24.6 | 25.3 | - | 25.4 | 25.9 | 26.6 | - | 26.7 | 27.2 | 27.9 | - | 28.0 | 28.5 | 29.3 | - |
| | Hi PR | 256 | 276 | 291 | - | 288 | 310 | 327 | - | 327 | 352 | 372 | - | 373 | 401 | 424 | - | 419 | 451 | 477 | - | 463 | 499 | 527 | - |
| | Lo PR | 107 | 114 | 124 | - | 113 | 120 | 131 | - | 118 | 125 | 137 | - | 124 | 131 | 144 | - | 130 | 138 | 150 | - | 134 | 143 | 156 | - |
| | MBh | 53.8 | 55.7 | 61.0 | - | 52.5 | 54.4 | 59.6 | - | 51.3 | 53.1 | 58.2 | - | 50.0 | 51.8 | 56.8 | - | 47.5 | 49.2 | 53.9 | - | 44.0 | 45.6 | 50.0 | - |
| | S/T | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.64 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.68 | 0.47 | - | 0.84 | 0.70 | 0.49 | - | 0.85 | 0.71 | 0.49 | - |
| | ΔT | 20 | 17 | 13 | - | 20 | 18 | 13 | - | 20 | 18 | 13 | - | 21 | 18 | 14 | - | 20 | 18 | 13 | - | 19 | 16 | 12 | - |
| 70 | kW | 4.38 | 4.47 | 4.60 | - | 4.70 | 4.79 | 4.94 | - | 4.98 | 5.08 | 5.24 | - | 5.23 | 5.34 | 5.50 | - | 5.44 | 5.55 | 5.73 | - | 5.62 | 5.74 | 5.92 | - |
| | Amps | 21.3 | 21.7 | 22.2 | - | 22.6 | 23.0 | 23.5 | - | 24.0 | 24.5 | 25.1 | - | 25.3 | 25.7 | 26.4 | - | 26.5 | 27.0 | 27.7 | - | 27.8 | 28.3 | 29.1 | - |
| | Hi PR | 254 | 273 | 289 | - | 285 | 307 | 324 | - | 324 | 349 | 368 | - | 369 | 397 | 419 | - | 415 | 447 | 472 | - | 459 | 494 | 521 | - |
| | Lo PR | 106 | 113 | 123 | - | 112 | 119 | 130 | - | 116 | 124 | 135 | - | 122 | 130 | 142 | - | 128 | 136 | 149 | - | 133 | 141 | 154 | - |
| | MBh | 49.6 | 51.4 | 56.3 | - | 48.5 | 50.2 | 55.0 | - | 47.3 | 49.0 | 53.7 | - | 46.2 | 47.8 | 52.4 | - | 43.8 | 45.4 | 49.8 | - | 40.6 | 42.1 | 46.1 | - |
| | S/T | 0.71 | 0.59 | 0.41 | - | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.68 | 0.47 | - | 0.82 | 0.68 | 0.47 | - |
| | ΔT | 20 | 18 | 13 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 19 | 17 | 13 | - |
| | kW | 4.28 | 4.37 | 4.50 | - | 4.59 | 4.68 | 4.82 | - | 4.86 | 4.96 | 5.11 | - | 5.10 | 5.21 | 5.37 | - | 5.31 | 5.42 | 5.59 | - | 5.48 | 5.60 | 5.78 | - |
| | Amps | 20.9 | 21.3 | 21.8 | - | 22.1 | 22.5 | 23.1 | - | 23.5 | 24.0 | 24.6 | - | 24.7 | 25.2 | 25.8 | - | 25.9 | 26.4 | 27.1 | - | 27.1 | 27.7 | 28.4 | - |
| | Hi PR | 246 | 265 | 280 | - | 276 | 297 | 314 | - | 314 | 338 | 357 | - | 358 | 385 | 407 | - | 403 | 433 | 458 | - | 445 | 479 | 506 | - |
| Lo PR | 103 | 109 | 120 | - | 109 | 116 | 126 | - | 113 | 120 | 131 | - | 119 | 126 | 138 | - | 124 | 132 | 144 | - | 129 | 137 | 149 | - | |
| 2036 | MBh | 56.3 | 58.0 | 62.7 | 67.3 | 55.0 | 56.6 | 61.3 | 65.8 | 53.7 | 55.3 | 59.8 | 64.2 | 52.4 | 53.9 | 58.4 | 62.6 | 49.8 | 51.2 | 55.5 | 59.5 | 46.1 | 47.5 | 51.4 | 55.1 |
| | S/T | 0.88 | 0.79 | 0.60 | 0.38 | 0.91 | 0.81 | 0.62 | 0.40 | 0.93 | 0.84 | 0.63 | 0.41 | 0.96 | 0.86 | 0.65 | 0.42 | 1.00 | 0.90 | 0.68 | 0.44 | 1.00 | 0.90 | 0.68 | 0.44 |
| | ΔT | 22 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 22 | 21 | 17 | 12 | 21 | 19 | 16 | 11 |
| | kW | 4.45 | 4.54 | 4.67 | 4.81 | 4.77 | 4.87 | 5.02 | 5.17 | 5.06 | 5.16 | 5.32 | 5.49 | 5.31 | 5.42 | 5.59 | 5.77 | 5.52 | 5.64 | 5.82 | 6.01 | 5.71 | 5.83 | 6.02 | 6.21 |
| | Amps | 21.6 | 22.0 | 22.5 | 23.1 | 22.9 | 23.3 | 23.9 | 24.5 | 24.4 | 24.8 | 25.4 | 26.2 | 25.6 | 26.1 | 26.8 | 27.6 | 26.9 | 27.4 | 28.2 | 29.0 | 28.2 | 28.7 | 29.5 | 30.4 |
| | Hi PR | 259 | 279 | 294 | 307 | 291 | 313 | 330 | 345 | 331 | 356 | 376 | 392 | 377 | 405 | 428 | 446 | 424 | 456 | 481 | 502 | 468 | 504 | 532 | 555 |
| | Lo PR | 108 | 115 | 126 | 134 | 114 | 122 | 133 | 141 | 119 | 126 | 138 | 147 | 125 | 133 | 145 | 154 | 131 | 139 | 152 | 162 | 135 | 144 | 157 | 167 |
| | MBh | 54.7 | 56.3 | 60.9 | 65.4 | 53.4 | 55.0 | 59.5 | 63.9 | 52.1 | 53.7 | 58.1 | 62.3 | 50.9 | 52.4 | 56.7 | 60.8 | 48.3 | 49.7 | 53.8 | 57.8 | 44.7 | 46.1 | 49.9 | 53.5 |
| | S/T | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.89 | 0.80 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.95 | 0.85 | 0.65 | 0.42 | 0.96 | 0.86 | 0.65 | 0.42 |
| | ΔT | 23 | 21 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 23 | 22 | 18 | 12 | 22 | 20 | 17 | 11 |
| 75 | kW | 4.41 | 4.50 | 4.64 | 4.78 | 4.73 | 4.83 | 4.98 | 5.13 | 5.02 | 5.12 | 5.28 | 5.45 | 5.27 | 5.38 | 5.55 | 5.72 | 5.48 | 5.60 | 5.77 | 5.96 | 5.66 | 5.78 | 5.97 | 6.16 |
| | Amps | 21.5 | 21.8 | 22.4 | 23.0 | 22.7 | 23.1 | 23.7 | 24.4 | 24.2 | 24.6 | 25.3 | 26.0 | 25.5 | 25.9 | 26.6 | 27.4 | 26.7 | 27.2 | 28.0 | 28.8 | 28.0 | 28.5 | 29.3 | 30.2 |
| | Hi PR | 257 | 276 | 292 | 304 | 288 | 310 | 327 | 341 | 327 | 352 | 372 | 388 | 373 | 401 | 424 | 442 | 419 | 451 | 477 | 497 | 463 | 499 | 527 | 549 |
| | Lo PR | 107 | 114 | 124 | 133 | 113 | 120 | 131 | 140 | 118 | 125 | 137 | 146 | 124 | 131 | 144 | 153 | 130 | 138 | 150 | 160 | 134 | 143 | 156 | 166 |
| | MBh | 50.5 | 51.9 | 56.2 | 60.3 | 49.3 | 50.7 | 54.9 | 58.9 | 48.1 | 49.5 | 53.6 | 57.5 | 46.9 | 48.3 | 52.3 | 56.1 | 44.6 | 45.9 | 49.7 | 53.3 | 41.3 | 42.5 | 46.0 | 49.4 |
| | S/T | 0.81 | 0.72 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.79 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.93 | 0.83 | 0.63 | 0.40 |
| | ΔT | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 22 | 20 | 17 | 12 |
| | kW | 4.32 | 4.40 | 4.53 | 4.67 | 4.63 | 4.72 | 4.86 | 5.01 | 4.90 | 5.00 | 5.16 | 5.32 | 5.14 | 5.25 | 5.41 | 5.59 | 5.35 | 5.46 | 5.63 | 5.81 | 5.53 | 5.64 | 5.82 | 6.01 |
| | Amps | 21.0 | 21.4 | 21.9 | 22.5 | 22.3 | 22.7 | 23.2 | 23.9 | 23.7 | 24.1 | 24.7 | 25.4 | 24.9 | 25.4 | 26.0 | 26.8 | 26.1 | 26.6 | 27.3 | 28.2 | 27.3 | 27.9 | 28.6 | 29.5 |
| | Hi PR | 249 | 268 | 283 | 295 | 279 | 300 | 317 | 331 | 318 | 342 | 361 | 376 | 362 | 389 | 411 | 429 | 407 | 438 | 462 | 482 | 450 | 484 | 511 | 533 |
| Lo PR | 104 | 111 | 121 | 129 | 110 | 117 | 128 | 136 | 114 | 121 | 133 | 141 | 120 | 128 | 139 | 148 | 126 | 134 | 146 | 155 | 130 | 138 | 151 | 161 | |

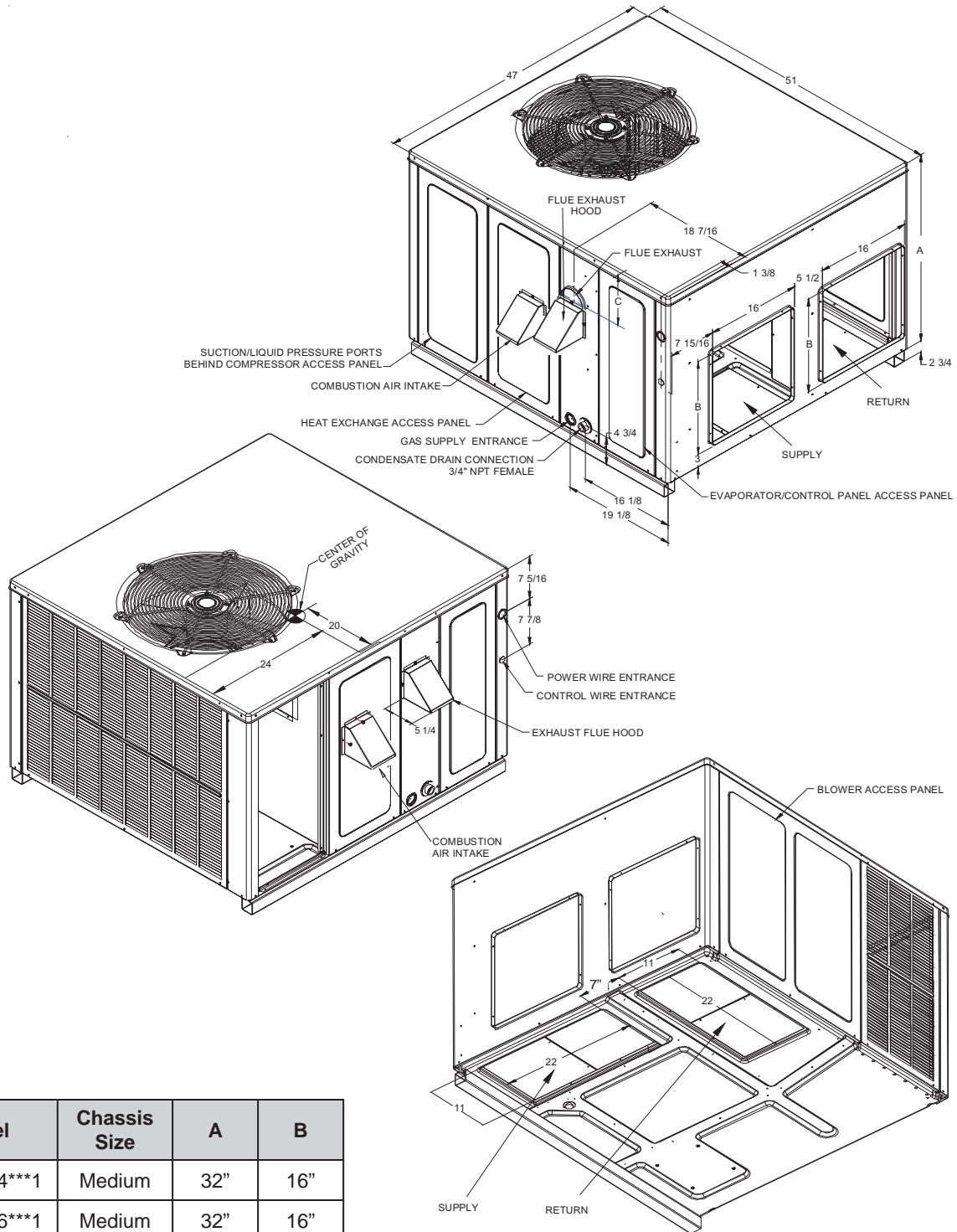
Shaded area reflects ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GPG1560***41** — TWO 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 |
| 2036 | MBh | 57.3 | 58.6 | 62.6 | 66.9 | 56.0 | 57.2 | 61.1 | 65.3 | 54.6 | 55.8 | 59.6 | 63.8 | 53.3 | 54.5 | 58.2 | 62.2 | 50.6 | 51.7 | 55.3 | 59.1 | 46.9 | 47.9 | 51.2 | 54.7 |
| | S/T | 0.96 | 0.90 | 0.74 | 0.55 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 1.00 | 0.81 | 0.60 | 1.00 | 1.00 | 0.84 | 0.63 | 1.00 | 1.00 | 0.84 | 0.63 |
| | ΔT | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 24 | 25 | 21 | 17 | 24 | 25 | 21 | 17 | 23 | 23 | 21 | 17 | 21 | 22 | 20 | 16 |
| | kW | 4.48 | 4.57 | 4.71 | 4.85 | 4.81 | 4.91 | 5.06 | 5.22 | 5.10 | 5.20 | 5.37 | 5.54 | 5.35 | 5.46 | 5.64 | 5.82 | 5.57 | 5.69 | 5.87 | 6.06 | 5.75 | 5.88 | 6.07 | 6.27 |
| | Amps | 21.7 | 22.1 | 22.7 | 23.3 | 23.0 | 23.5 | 24.0 | 24.7 | 24.5 | 25.0 | 25.6 | 26.4 | 25.8 | 26.3 | 27.0 | 27.8 | 27.1 | 27.6 | 28.4 | 29.2 | 28.4 | 28.9 | 29.7 | 30.6 |
| | Hi PR | 262 | 282 | 297 | 310 | 294 | 316 | 330 | 348 | 334 | 359 | 380 | 396 | 380 | 409 | 432 | 451 | 428 | 461 | 486 | 507 | 473 | 509 | 537 | 560 |
| | Lo PR | 109 | 116 | 127 | 135 | 116 | 123 | 134 | 143 | 120 | 128 | 139 | 148 | 126 | 134 | 146 | 156 | 132 | 141 | 153 | 163 | 137 | 145 | 159 | 169 |
| | MBh | 55.6 | 56.9 | 60.7 | 64.9 | 54.3 | 55.5 | 59.3 | 63.4 | 53.0 | 54.2 | 57.9 | 61.9 | 51.8 | 52.9 | 56.5 | 60.4 | 49.2 | 50.2 | 53.7 | 57.4 | 45.5 | 46.5 | 49.7 | 53.2 |
| | S/T | 0.92 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.73 | 0.54 | 0.98 | 0.92 | 0.75 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 0.98 | 0.80 | 0.60 | 1.00 | 0.99 | 0.81 | 0.60 |
| | 80 | ΔT | 26 | 25 | 22 | 17 | 26 | 25 | 22 | 18 | 26 | 25 | 22 | 18 | 26 | 25 | 22 | 18 | 25 | 25 | 22 | 17 | 23 | 23 | 20 |
| kW | | 4.45 | 4.54 | 4.67 | 4.82 | 4.77 | 4.87 | 5.02 | 5.17 | 5.06 | 5.16 | 5.32 | 5.49 | 5.31 | 5.42 | 5.59 | 5.77 | 5.52 | 5.64 | 5.82 | 6.01 | 5.71 | 5.83 | 6.02 | 6.21 |
| Amps | | 21.6 | 22.0 | 22.5 | 23.1 | 22.9 | 23.3 | 23.9 | 24.5 | 24.4 | 24.8 | 25.4 | 26.2 | 25.6 | 26.1 | 26.8 | 27.6 | 26.9 | 27.4 | 28.2 | 29.0 | 28.2 | 28.7 | 29.5 | 30.4 |
| Hi PR | | 259 | 279 | 294 | 307 | 291 | 313 | 330 | 345 | 331 | 356 | 376 | 392 | 377 | 405 | 428 | 446 | 424 | 456 | 482 | 502 | 468 | 504 | 532 | 555 |
| Lo PR | | 108 | 115 | 126 | 134 | 114 | 122 | 133 | 141 | 119 | 126 | 138 | 147 | 125 | 133 | 145 | 154 | 131 | 139 | 152 | 162 | 135 | 144 | 157 | 167 |
| MBh | | 51.4 | 52.5 | 56.1 | 59.9 | 50.2 | 51.3 | 54.8 | 58.5 | 49.0 | 50.0 | 53.5 | 57.1 | 47.8 | 48.8 | 52.1 | 55.7 | 45.4 | 46.4 | 49.5 | 53.0 | 42.0 | 43.0 | 45.9 | 49.1 |
| S/T | | 0.89 | 0.83 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.01 | 0.95 | 0.77 | 0.58 | 1.02 | 0.95 | 0.78 | 0.58 |
| ΔT | | 26 | 25 | 22 | 18 | 27 | 26 | 22 | 18 | 27 | 26 | 22 | 18 | 27 | 26 | 22 | 18 | 27 | 25 | 22 | 18 | 25 | 24 | 21 | 17 |
| kW | | 4.35 | 4.43 | 4.57 | 4.70 | 4.66 | 4.76 | 4.90 | 5.05 | 4.94 | 5.04 | 5.20 | 5.36 | 5.18 | 5.29 | 5.46 | 5.63 | 5.39 | 5.51 | 5.68 | 5.86 | 5.57 | 5.69 | 5.87 | 6.06 |
| Amps | | 21.2 | 21.5 | 22.1 | 22.7 | 22.4 | 22.8 | 23.4 | 24.0 | 23.9 | 24.3 | 24.9 | 25.6 | 25.1 | 25.6 | 26.2 | 27.0 | 26.3 | 26.8 | 27.5 | 28.4 | 27.5 | 28.1 | 28.8 | 29.7 |
| Hi PR | 251 | 270 | 286 | 298 | 282 | 304 | 321 | 334 | 321 | 345 | 365 | 380 | 365 | 393 | 415 | 433 | 411 | 442 | 467 | 487 | 454 | 489 | 516 | 538 | |
| Lo PR | 105 | 112 | 122 | 130 | 111 | 118 | 129 | 137 | 115 | 123 | 134 | 143 | 121 | 129 | 141 | 150 | 127 | 135 | 147 | 157 | 131 | 140 | 152 | 162 | |
| 2036 | MBh | 58.3 | 59.4 | 62.2 | 66.4 | 56.9 | 58.1 | 60.8 | 64.9 | 55.6 | 56.7 | 59.4 | 63.3 | 54.2 | 55.3 | 57.9 | 61.8 | 51.5 | 52.5 | 55.0 | 58.7 | 47.7 | 48.7 | 51.0 | 54.4 |
| | S/T | 1.00 | 0.98 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.97 | 0.78 | 1.00 | 1.00 | 0.96 | 0.81 | 1.00 | 1.00 | 0.96 | 0.82 |
| | ΔT | 26 | 26 | 25 | 21 | 26 | 26 | 25 | 22 | 25 | 26 | 25 | 22 | 24 | 25 | 25 | 22 | 23 | 24 | 25 | 22 | 22 | 22 | 23 | 20 |
| | kW | 4.52 | 4.61 | 4.74 | 4.89 | 4.85 | 4.94 | 5.10 | 5.26 | 5.14 | 5.24 | 5.41 | 5.58 | 5.39 | 5.51 | 5.68 | 5.87 | 5.61 | 5.73 | 5.92 | 6.11 | 5.80 | 5.93 | 6.12 | 6.32 |
| | Amps | 21.9 | 22.3 | 22.8 | 23.4 | 23.2 | 23.6 | 24.2 | 24.9 | 24.7 | 25.2 | 25.8 | 26.6 | 26.0 | 26.5 | 27.2 | 28.0 | 27.3 | 27.8 | 28.6 | 29.4 | 28.6 | 29.2 | 29.9 | 30.9 |
| | Hi PR | 264 | 284 | 300 | 313 | 297 | 319 | 337 | 352 | 337 | 363 | 383 | 400 | 384 | 413 | 437 | 455 | 432 | 465 | 491 | 512 | 478 | 514 | 543 | 566 |
| | Lo PR | 110 | 117 | 128 | 137 | 117 | 124 | 135 | 144 | 121 | 129 | 141 | 150 | 127 | 135 | 148 | 158 | 133 | 142 | 155 | 165 | 138 | 147 | 160 | 171 |
| | MBh | 56.6 | 57.7 | 60.4 | 64.5 | 55.3 | 56.4 | 59.0 | 63.0 | 54.0 | 55.0 | 57.6 | 61.5 | 52.7 | 53.7 | 56.2 | 60.0 | 50.0 | 51.0 | 53.4 | 57.0 | 46.3 | 47.2 | 49.5 | 52.8 |
| | S/T | 0.96 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 0.96 | 0.78 |
| | ΔT | 28 | 27 | 26 | 22 | 28 | 28 | 26 | 23 | 27 | 28 | 26 | 23 | 27 | 27 | 26 | 23 | 25 | 26 | 26 | 22 | 24 | 24 | 24 | 21 |
| kW | 4.48 | 4.57 | 4.71 | 4.85 | 4.81 | 4.91 | 5.06 | 5.22 | 5.10 | 5.20 | 5.37 | 5.54 | 5.35 | 5.46 | 5.64 | 5.82 | 5.57 | 5.69 | 5.87 | 6.06 | 5.75 | 5.88 | 6.07 | 6.27 | |
| Amps | 21.7 | 22.1 | 22.7 | 23.3 | 23.0 | 23.5 | 24.0 | 24.7 | 24.5 | 25.0 | 25.6 | 26.4 | 25.8 | 26.3 | 27.0 | 27.8 | 27.1 | 27.6 | 28.4 | 29.2 | 28.4 | 28.9 | 29.7 | 30.6 | |
| Hi PR | 262 | 282 | 297 | 310 | 294 | 316 | 330 | 348 | 334 | 359 | 380 | 396 | 380 | 409 | 432 | 451 | 428 | 461 | 486 | 507 | 473 | 509 | 537 | 560 | |
| Lo PR | 109 | 116 | 127 | 135 | 116 | 123 | 134 | 143 | 120 | 128 | 139 | 148 | 126 | 134 | 146 | 156 | 132 | 141 | 153 | 163 | 137 | 145 | 159 | 169 | |
| MBh | 52.2 | 53.3 | 55.8 | 59.5 | 51.0 | 52.0 | 54.5 | 58.1 | 49.8 | 50.8 | 53.2 | 56.7 | 48.6 | 49.5 | 51.9 | 55.4 | 46.2 | 47.1 | 49.3 | 52.6 | 42.8 | 43.6 | 45.7 | 48.7 | |
| S/T | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.93 | 0.75 | |
| ΔT | 28 | 28 | 26 | 23 | 29 | 28 | 27 | 23 | 29 | 28 | 27 | 23 | 28 | 28 | 27 | 23 | 27 | 27 | 26 | 23 | 25 | 25 | 25 | 21 | |
| kW | 4.38 | 4.47 | 4.60 | 4.74 | 4.70 | 4.79 | 4.94 | 5.09 | 4.98 | 5.08 | 5.24 | 5.40 | 5.22 | 5.33 | 5.50 | 5.68 | 5.43 | 5.55 | 5.73 | 5.91 | 5.62 | 5.74 | 5.92 | 6.11 | |
| Amps | 21.3 | 21.7 | 22.2 | 22.8 | 22.6 | 23.0 | 23.5 | 24.2 | 24.0 | 24.5 | 25.1 | 25.8 | 25.3 | 25.7 | 26.4 | 27.2 | 26.5 | 27.0 | 27.7 | 28.6 | 27.7 | 28.3 | 29.0 | 29.9 | |
| Hi PR | 254 | 273 | 288 | 301 | 285 | 307 | 324 | 338 | 324 | 349 | 368 | 384 | 369 | 397 | 419 | 437 | 415 | 447 | 472 | 492 | 459 | 494 | 521 | 544 | |
| Lo PR | 106 | 113 | 123 | 131 | 112 | 119 | 130 | 139 | 116 | 124 | 135 | 144 | 122 | 130 | 142 | 151 | 128 | 136 | 149 | 159 | 133 | 141 | 154 | 164 | |

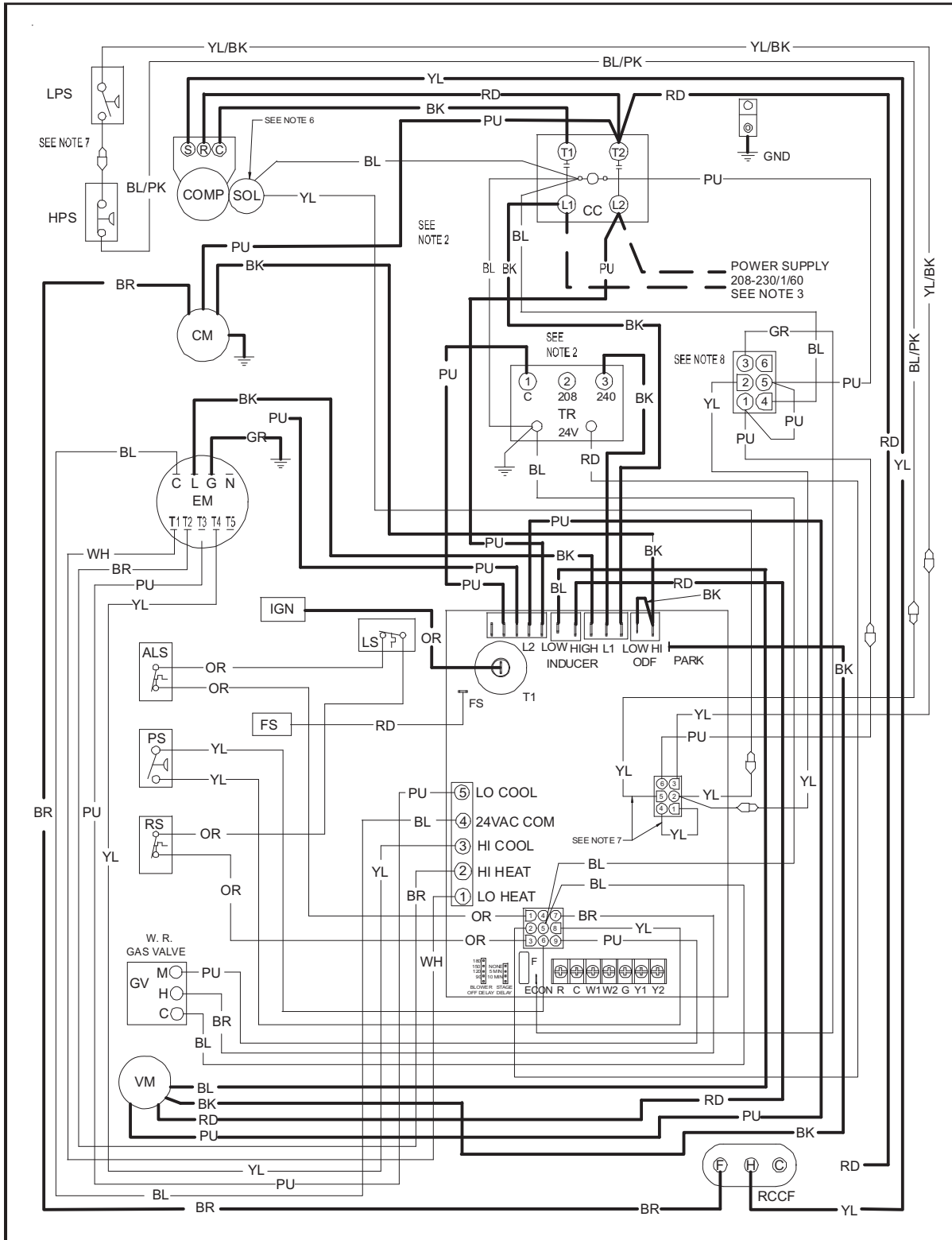
Shaded area reflects ARI conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves.

DIMENSIONS





| Model | Chassis Size | A | B |
|-------------|--------------|-----|-----|
| GPG1524***1 | Medium | 32" | 16" |
| GPG1536***1 | Medium | 32" | 16" |
| GPG1548***1 | Large | 40" | 18" |
| GPG1560***1 | Large | 40" | 18" |

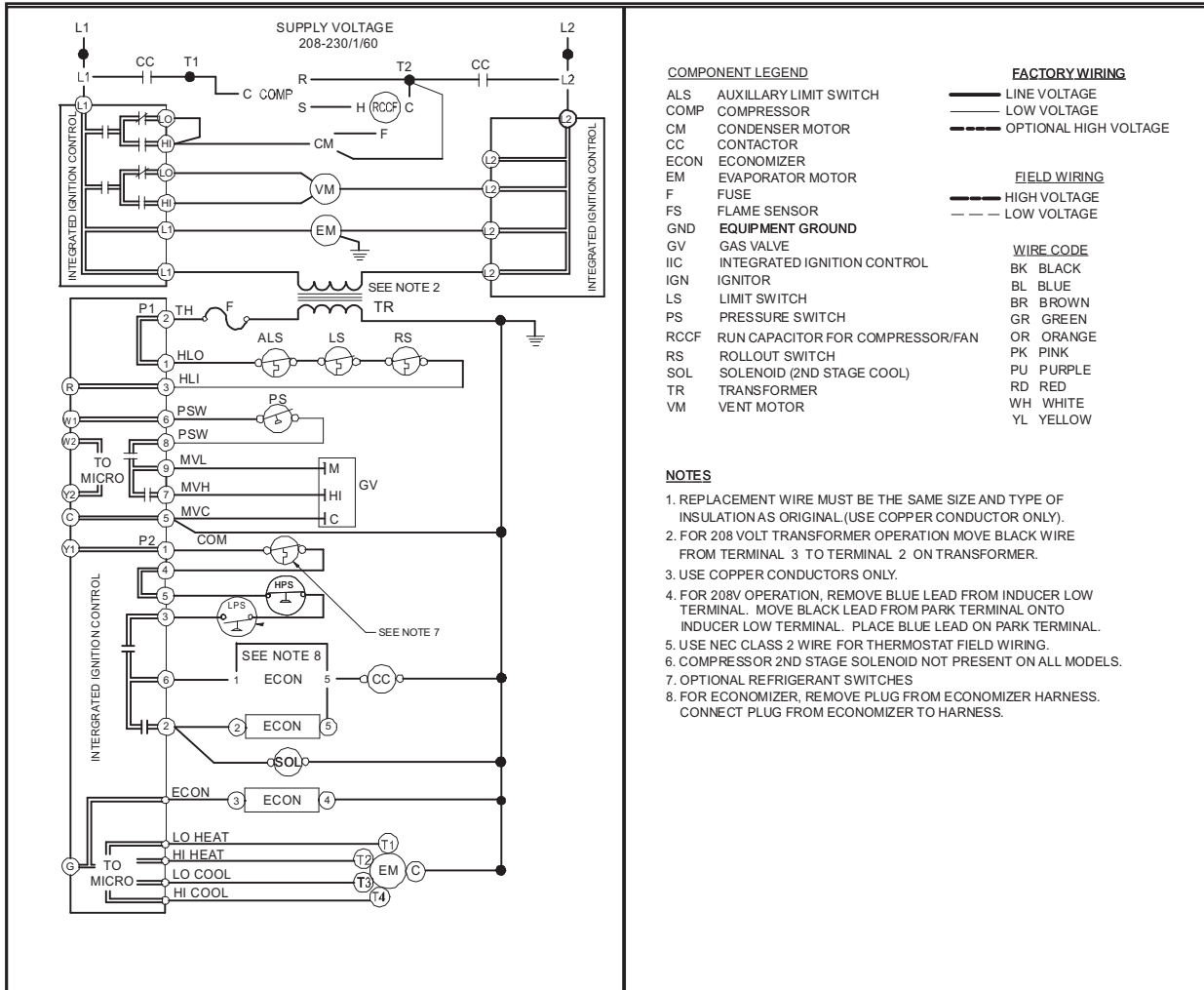
WIRING DIAGRAM



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

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

WIRING DIAGRAM (CONT.)



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

| DIAGNOSTIC LED - RED | STATUS | CHECK |
|----------------------|--|--|
| 7 FLASHES | LIMIT OPEN 5 TIMES IN SAME CALL FOR HEAT | CHECK MAIN LIMIT SWITCH CHECK AUXILIARY LIMIT SW. |
| 8 FLASHES | IDT/ODT OPEN | CHECK JUMPER BETWEEN 1 AND 4 ON 6-CIRCUIT CONNECTOR CHECK OPTIONAL REFRIGERANT SWITCHES |
| 9 FLASHES | PSW/LOC OPEN | CHECK REFRIGERANT SWITCHES FOR LOSS OF CHARGE OR HIGH HEAD PRESSURE |

| DIAGNOSTIC LED - AMBER | STATUS | CHECK |
|------------------------|----------------------|--|
| OFF | NO FLAME PRESENT | - |
| ON | NORMAL FLAME PRESENT | - |
| 1 FLASH | LOW FLAME SIGNAL | GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR |
| 2 FLASHES | FALSE FLAME DETECTED | CHECK GAS VALVE CHECK FOR SHORTS IN FLAME SENSOR WIRING |

0140G00533 REV A

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

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

ACCESSORIES

| Description | Part Numbers | | |
|---|--|-----------------|-----------------|
| | Small Chassis | Medium Chassis | Large Chassis |
| Roof Curb | PGC101/102/103 | PGC101/102/103 | PGC101/102/103 |
| Downflow Economizer | PGED101/102 | PGED101/102 | PGED103 |
| Horizontal Economizer | PGEH101/102 | PGEH101/102 | PGEH103 |
| Downflow Manual Damper | PGMDD101/102 | PGMDD101/102 | PGMDD103 |
| Downflow Motorized Damper | PGMDMD 101/102 | PGMDMD 101/102 | PGMDMD 103 |
| Horizontal Manual Damper | PGMDH101 | PGMDH102 | PGMDH103 |
| Horizontal Motorized Damper | PGMDMH 101 | PGMDMH 102 | PGMDMH 103 |
| Filter Rack | PGFR101/102/103 | PGFR101/102/103 | PGFR101/102/103 |
| Downflow Square-to-Round | SQRPG101/102 | SQRPG101/102 | SQRPG103 |
| Horizontal Square-to-Round | SQRPGH101/102 | SQRPGH101/102 | SQRPGH103 |
| Concentric Converter | CDK1-2 | CDK1-2 | CDK3 |
| The above accessories are offered by McDaniel Metals • Main: (281) 987-8400 • Fax: (281) 987-9494 | | | |
| LPM-05 | L.P. Conversion Kit for all size chassis | | |

THERMOSTATS

| Part Number | Description |
|-------------|---|
| CHSATG | White, 1-Stage Heating/1-Stage Cooling, Non-programmable |
| CH70TG | White, 1-Stage Heating/1-Stage Cooling, Non-programmable, Digital |
| CHTS36-60 | Beige, 1-Stage Heating/2-Stage Cooling |
| 1213423 | White, 2-Stage Heating/2-Stage Cooling, Digital |

PRODUCT SPECIFICATIONS

NOTES

