



Air Conditioning & Heating

**COOLING CAPACITIES: 23,600 TO 57,000 BTU/H**

**HEATING CAPACITIES: 46,000 TO 138,000 BTU/H**



#### Cabinet Features

- High-quality UV-resistant powder-paint finish
- Horizontal or downflow application
- Convenient access panels
- One roof curb fits all units
- Fully insulated cabinet
- Bottom, 2" high base rails for easier handling
- All GPG13M models fit in a standard-size pick-up truck
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

# GPG13M

## 2- TO 5-TON

### PACKAGED GAS/ELECTRIC UNITS

### 13 SEER / 80% AFUE

#### Standard Features

- High-efficiency compressor
- Durable, corrosion-resistant T-140 aluminized steel tubular heat exchanger
- Copper tube/aluminum fin coil with flowrater expansion device
- Recirculating blower motor: PSC type on 2- to 3½-ton units; X-13 type on 4- and 5-ton units
- Fully charged R-410A system
- Redundant gas valve and 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
- All models comply with California Low NOx standards
- AHRI Certified; ETL Listed

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

NOMENCLATURE

|                         | G | P | G | 13  | 24  | 045    | M  | 4  | 1  |                      |
|-------------------------|---|---|---|-----|-----|--------|----|----|----|----------------------|
|                         | 1 | 2 | 3 | 4,5 | 6,7 | 8,9,10 | 11 | 12 | 13 |                      |
| <b>Brand</b>            |   |   |   |     |     |        |    |    |    | <b>Electrical</b>    |
| G Goodman® Brand        |   |   |   |     |     |        |    |    |    | 1 208-230/1/60       |
| <b>Product Category</b> |   |   |   |     |     |        |    |    |    | 3 208-230/3/60       |
| P Packaged Unit         |   |   |   |     |     |        |    |    |    | <b>Refrigerant</b>   |
| <b>Unit Type</b>        |   |   |   |     |     |        |    |    |    | 2 R-22               |
| G Gas/Electric          |   |   |   |     |     |        |    |    |    | 4 R-410A             |
| <b>Efficiency</b>       |   |   |   |     |     |        |    |    |    | <b>Configuration</b> |
| 13 13 SEER              |   |   |   |     |     |        |    |    |    | H Horizontal         |
| 15 15 SEER              |   |   |   |     |     |        |    |    |    | M Multi-Position     |
| <b>Nominal Capacity</b> |   |   |   |     |     |        |    |    |    | <b>Heat Input</b>    |
| 24 2 Tons               |   |   |   |     |     |        |    |    |    | 45 46 MBTU/h         |
| 42 3½ Tons              |   |   |   |     |     |        |    |    |    | 70 69 MBTU/h         |
| 30 2½ tons              |   |   |   |     |     |        |    |    |    | 90 92 MBTU/h         |
| 48 4 Tons               |   |   |   |     |     |        |    |    |    | 115 115 MBTU/h       |
| 36 3 Tons               |   |   |   |     |     |        |    |    |    | 140 138 MBTU/h       |
| 60 5 Tons               |   |   |   |     |     |        |    |    |    |                      |

# SPECIFICATIONS — GPG1324

|                                | GPG1324<br>045M41A* | GPG1324<br>045M41B* | GPG1324<br>045M41C* | GPG1324<br>045M41D* | GPG1324<br>070M41A* | GPG1324<br>070M41B* | GPG1324<br>070M41C* | GPG1324<br>070M41D* |
|--------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| <b>COOLING CAPACITY</b>        |                     |                     |                     |                     |                     |                     |                     |                     |
| Total BTU/h                    | 23,600              | 23,600              | 23,600              | 23,600              | 23,600              | 23,600              | 23,600              | 23,600              |
| Sensible BTU/h                 | 18,800              | 18,800              | 18,800              | 18,800              | 18,800              | 18,800              | 18,800              | 18,800              |
| SEER / EER                     | 13.0 / 11.0         | 13.0 / 11.0         | 13.0 / 11.0         | 13.0 / 11.0         | 13.0 / 11.0         | 13.0 / 11.0         | 13.0 / 11.0         | 13.0 / 11.0         |
| Decibels                       | 78                  | 78                  | 78                  | 78                  | 78                  | 78                  | 78                  | 78                  |
| AHRI Reference #s              | 4385090             | 5360599             | 5495270             | 5732581             | 4385090             | 5360599             | 5495270             | 5732581             |
| <b>HEATING CAPACITY</b>        |                     |                     |                     |                     |                     |                     |                     |                     |
| Input BTU/h                    | 46,000              | 46,000              | 46,000              | 46,000              | 46,000              | 46,000              | 46,000              | 46,000              |
| Output BTU/h                   | 36,700              | 36,700              | 36,700              | 36,700              | 36,700              | 36,700              | 36,700              | 36,700              |
| AFUE                           | 80                  | 80                  | 80                  | 80                  | 80                  | 80                  | 80                  | 80                  |
| Temperature Rise Range         | 30 - 60             | 30 - 60             | 30 - 60             | 30 - 60             | 35 - 65             | 35 - 65             | 35 - 65             | 35 - 65             |
| No. of Burners                 | 2                   | 2                   | 2                   | 2                   | 3                   | 3                   | 3                   | 3                   |
| Orifice Size (Natural/Propane) | 43 / 55             | 43 / 55             | 43 / 55             | 43 / 55             | 43 / 55             | 43 / 55             | 43 / 55             | 43 / 55             |
| <b>EVAPORATOR MOTOR</b>        |                     |                     |                     |                     |                     |                     |                     |                     |
| Type                           | PSC                 | PSC                 | PSC                 | PSC                 | PSC                 | PSC                 | PSC                 | PSC                 |
| Wheel (D x W)                  | 10" x 8"            | 10" x 8"            | 10" x 8"            | 10" x 8"            | 10" x 8"            | 10" x 8"            | 10" x 8"            | 10" x 8"            |
| Indoor Nominal CFM             | 800                 | 800                 | 800                 | 800                 | 800                 | 800                 | 800                 | 800                 |
| Motor Speed Tap (Cooling)      | Med                 | Med                 | Med                 | Med                 | Med                 | Med                 | Med                 | Med                 |
| RPM/Amps (Cooling)             | 952/1.5             | 952/1.5             | 952/1.5             | 952/1.5             | 952/1.5             | 952/1.5             | 952/1.5             | 952/1.5             |
| Horsepower                     | 1/4                 | 1/4                 | 1/4                 | 1/4                 | 1/4                 | 1/4                 | 1/4                 | 1/4                 |
| <b>EVAPORATOR COIL</b>         |                     |                     |                     |                     |                     |                     |                     |                     |
| Face Area (ft <sup>2</sup> )   | 4.33                | 4.33                | 4.33                | 4.33                | 4.33                | 4.33                | 4.33                | 4.33                |
| Rows Deep/Fins per Inch        | 3/16                | 3/14                | 3/16                | 3/14                | 3/16                | 3/14                | 3/16                | 3/16                |
| Piston Size (Cooling)          | 0.053               | 0.057               | 0.057               | 0.057               | 0.053               | 0.057               | 0.057               | 0.057               |
| Filter Size (ft <sup>2</sup> ) | 2.7                 | 2.7                 | 2.7                 | 2.7                 | 2.7                 | 2.7                 | 2.7                 | 2.7                 |
| Drain Size (NPT)               | ¾"                  | ¾"                  | ¾"                  | ¾"                  | ¾"                  | ¾"                  | ¾"                  | ¾"                  |
| Refrigerant Charge (oz.)       | 80                  | 68                  | 68                  | 75                  | 80                  | 68                  | 68                  | 75                  |
| <b>CONDENSER FAN / COIL</b>    |                     |                     |                     |                     |                     |                     |                     |                     |
| Horsepower - RPM               | 1/4 - 830           | 1/6 - 830           | 1/6 - 830           | 1/6 - 830           | 1/4 - 830           | 1/6 - 830           | 1/6 - 830           | 1/6 - 830           |
| Diameter / # of Blades         | 22" / 3             | 22" / 3             | 22" / 3             | 22" / 3             | 22" / 3             | 22" / 3             | 22" / 3             | 22" / 3             |
| Outdoor Nominal CFM            | 2,400               | 2,400               | 2,400               | 2,400               | 2,400               | 2,400               | 2,400               | 2,400               |
| Face Area (ft <sup>2</sup> )   | 12.3                | 6.94                | 6.94                | 12.3                | 12.3                | 6.94                | 6.94                | 12.3                |
| Rows Deep/Fins per Inch        | 1/24                | 2/27                | 2/27                | 1/24                | 1/24                | 2/27                | 2/27                | 1/24                |
| <b>COMPRESSOR</b>              |                     |                     |                     |                     |                     |                     |                     |                     |
| Quantity / Type                | 1 / Recip           | 1 / Scroll          | 1 / Scroll          | 1 / Rotary          | 1 / Recip           | 1 / Scroll          | 1 / Scroll          | 1 / Rotary          |
| Stage                          | Single              | Single              | Single              | Single              | Single              | Single              | Single              | Single              |
| Compressor RLA/LRA             | 8.3 / 43.0          | 13.5 / 58.3         | 13.5 / 58.3         | 7.7 / 37            | 8.3 / 43.0          | 13.5 / 58.3         | 13.5 / 58.3         | 7.7 / 37            |
| <b>ELECTRICAL DATA</b>         |                     |                     |                     |                     |                     |                     |                     |                     |
| Voltage-Phase (60 Hz)          | 208/230-1           | 208/230-1           | 208/230-1           | 208/230-1           | 208/230-1           | 208/230-1           | 208/230-1           | 208/230-1           |
| Indoor Blower FLA/LRA          | 1.5 / 2.2           | 1.5 / 2.2           | 1.5 / 2.2           | 1.5 / 2.2           | 1.5 / 2.2           | 1.5 / 2.2           | 1.5 / 2.2           | 1.5 / 2.2           |
| Outdoor Fan FLA/LRA            | 1.5 / 3.0           | 1.1 / 1.7           | 1.1 / 1.7           | 1.1 / 1.7           | 1.5 / 3.0           | 1.1 / 1.7           | 1.1 / 1.7           | 1.1 / 1.7           |
| Total Unit Amps                | 11.3                | 16.1                | 16.1                | 10.3                | 11.3                | 16.1                | 16.1                | 10.3                |
| Min. Circuit Ampacity          | 13.4                | 19.5                | 19.5                | 12.2                | 13.4                | 19.5                | 19.5                | 12.2                |
| Max. Overcurrent Protection    | 20 amps             | 30 amps             | 30 amps             | 15 amps             | 20 amps             | 30 amps             | 30 amps             | 15 amps             |
| Entrance Size Power Supply     | 1½"                 | 1½"                 | 1½"                 | 1½"                 | 1½"                 | 1½"                 | 1½"                 | 1½"                 |
| Entrance Size Control Voltage  | ⅞"                  | ⅞"                  | ⅞"                  | ⅞"                  | ⅞"                  | ⅞"                  | ⅞"                  | ⅞"                  |
| Operating / Ship Weights (lbs) | 412 / 435           | 392 / 415           | 396 / 420           | 392 / 415           | 417 / 439           | 392 / 420           | 397 / 425           | 397 / 425           |

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

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

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

# **SPECIFICATIONS — GPG1330**

|                                | <b>GPG1330<br/>045M41A*</b> | <b>GPG1330<br/>045M41B*</b> | <b>GPG1330<br/>045M41C*</b> | <b>GPG1330<br/>070M41A*</b> | <b>GPG1330<br/>070M41B*</b> | <b>GPG1330<br/>070M41C*</b> |
|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>COOLING CAPACITY</b>        |                             |                             |                             |                             |                             |                             |
| Total BTU/h                    | 28,600                      | 28,600                      | 28,600                      | 28,600                      | 28,600                      | 28,600                      |
| Sensible BTU/h                 | 22,600                      | 22,600                      | 22,600                      | 22,600                      | 22,600                      | 22,600                      |
| SEER / EER                     | 13.0 / 11.0                 | 13.0 / 11.0                 | 13.0 / 11.0                 | 13.0 / 11.0                 | 13.0 / 11.0                 | 13.0 / 11.0                 |
| Decibels                       | 78                          | 78                          | 78                          | 78                          | 78                          | 78                          |
| AHRI Reference #s              | 4385091                     | 5360600                     | 5495271                     | 4385091                     | 5360600                     | 5495271                     |
| <b>HEATING CAPACITY</b>        |                             |                             |                             |                             |                             |                             |
| Input BTU/h                    | 46,000                      | 46,000                      | 46,000                      | 69,000                      | 69,000                      | 69,000                      |
| Output BTU/h                   | 36,700                      | 36,700                      | 36,700                      | 55,000                      | 55,000                      | 55,000                      |
| AFUE                           | 80                          | 80                          | 80                          | 80                          | 80                          | 80                          |
| Temperature Rise Range         | 30 - 60                     | 30 - 60                     | 30 - 60                     | 35 - 65                     | 35 - 65                     | 35 - 65                     |
| No. of Burners                 | 2                           | 2                           | 2                           | 3                           | 3                           | 3                           |
| Orifice Size (Natural/Propane) | 43 / 55                     | 43 / 55                     | 43 / 55                     | 43 / 55                     | 43 / 55                     | 43 / 55                     |
| <b>EVAPORATOR MOTOR</b>        |                             |                             |                             |                             |                             |                             |
| Type                           | PSC                         | PSC                         | PSC                         | PSC                         | PSC                         | PSC                         |
| Wheel (D x W)                  | 10" x 8"                    | 10" x 8"                    | 10" x 8"                    | 10" x 8"                    | 10" x 8"                    | 10" x 8"                    |
| Indoor Nominal CFM             | 1,000                       | 1,000                       | 1,000                       | 1,000                       | 1,000                       | 1,000                       |
| Motor Speed Tap (Cooling)      | Med                         | Med                         | Med                         | Med                         | Med                         | Med                         |
| RPM/Amps (Cooling)             | 1,015/1.85                  | 1,015/1.85                  | 1,015/1.85                  | 1,015/1.85                  | 1,015/1.85                  | 1,015/1.85                  |
| Horsepower                     | 1/3                         | 1/3                         | 1/3                         | 1/3                         | 1/3                         | 1/3                         |
| <b>EVAPORATOR COIL</b>         |                             |                             |                             |                             |                             |                             |
| Face Area (ft²)                | 4.33                        | 4.33                        | 4.33                        | 4.33                        | 4.33                        | 4.33                        |
| Rows Deep/Fins per Inch        | 4/16                        | 3/14                        | 4/16                        | 4/16                        | 3/14                        | 4/16                        |
| Piston Size (Cooling)          | 0.062                       | 0.062                       | 0.062                       | 0.062                       | 0.062                       | 0.062                       |
| Filter Size (ft²)              | 3.3                         | 3.3                         | 3.3                         | 3.3                         | 3.3                         | 3.3                         |
| Drain Size (NPT)               | ¾"                          | ¾"                          | ¾"                          | ¾"                          | ¾"                          | ¾"                          |
| Refrigerant Charge (oz.)       | 80                          | 78                          | 78                          | 80                          | 78                          | 78                          |
| <b>CONDENSER FAN / COIL</b>    |                             |                             |                             |                             |                             |                             |
| Horsepower - RPM               | 1/4 - 1,100                 | 1/4 - 1,100                 | 1/4 - 1,100                 | 1/4 - 1,100                 | 1/4 - 1,100                 | 1/4 - 1,100                 |
| Diameter / # of Blades         | 22" / 3                     | 22" / 3                     | 22" / 3                     | 22" / 3                     | 22" / 3                     | 22" / 3                     |
| Outdoor Nominal CFM            | 2,700                       | 2,700                       | 2,700                       | 2,700                       | 2,700                       | 2,700                       |
| Face Area (ft²)                | 12.3                        | 12.3                        | 12.3                        | 12.3                        | 12.3                        | 12.3                        |
| Rows Deep/Fins per Inch        | 1/24                        | 1/24                        | 1/24                        | 1/24                        | 1/24                        | 1/24                        |
| <b>COMPRESSOR</b>              |                             |                             |                             |                             |                             |                             |
| Quantity / Type                | 1 / Recip                   | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                  |
| Stage                          | Single                      | Single                      | Single                      | Single                      | Single                      | Single                      |
| Compressor RLA/LRA             | 10.6 / 54.0                 | 14.1 / 73                   | 14.1 / 73                   | 10.6 / 54.0                 | 14.1 / 73                   | 14.1 / 73                   |
| <b>ELECTRICAL DATA</b>         |                             |                             |                             |                             |                             |                             |
| Voltage-Phase-Frequency        | 208/230-1-60                | 208/230-1-60                | 208/230-1-60                | 208/230-1-60                | 208/230-1-60                | 208/230-1-60                |
| Indoor Blower FLA/LRA          | 1.9 / 3.1                   | 1.9 / 3.1                   | 1.9 / 3.1                   | 1.9 / 3.1                   | 1.9 / 3.1                   | 1.9 / 3.1                   |
| Outdoor Fan FLA/LRA            | 1.4 / 2.9                   | 1.5 / 3                     | 1.5 / 3                     | 1.4 / 2.9                   | 1.5 / 3                     | 1.5 / 3                     |
| Total Unit Amps                | 13.9                        | 17.5                        | 17.5                        | 13.9                        | 17.5                        | 17.5                        |
| Min. Circuit Ampacity          | 16.6                        | 20.9                        | 20.9                        | 16.6                        | 20.9                        | 20.9                        |
| Max. Overcurrent Protection    | 25 amps                     | 35 amps                     | 35 amps                     | 25 amps                     | 35 amps                     | 35 amps                     |
| Entrance Size Power Supply     | 1½"                         | 1½"                         | 1½"                         | 1½"                         | 1½"                         | 1½"                         |
| Entrance Size Control Voltage  | ⅞"                          | ⅞"                          | ⅞"                          | ⅞"                          | ⅞"                          | ⅞"                          |
| Operating / Ship Weights (lbs) | 415 / 438                   | 393 / 416                   | 397 / 421                   | 420 / 442                   | 393 / 421                   | 399 / 425                   |

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

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

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

# SPECIFICATIONS — GPG1336

|                                | <b>GPG1336<br/>045M41C*</b> | <b>GPG1336<br/>045M41B*</b> | <b>GPG1336<br/>045M41D*</b> | <b>GPG1336<br/>070M41B*</b> | <b>GPG1336<br/>070M41C*</b> | <b>GPG1336<br/>070M41D*</b> | <b>GPG1336<br/>090M41B*</b> | <b>GPG1336<br/>090M41C*</b> | <b>GPG1336<br/>090M41D*</b> |
|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>COOLING CAPACITY</b>        |                             |                             |                             |                             |                             |                             |                             |                             |                             |
| Total BTU/h                    | 35,000                      | 35,000                      | 35,000                      | 35,000                      | 35,000                      | 35,000                      | 35,000                      | 35,000                      | 35,000                      |
| Sensible BTU/h                 | 27,800                      | 27,800                      | 27,800                      | 27,800                      | 27,800                      | 27,800                      | 27,800                      | 27,800                      | 27,800                      |
| SEER / EER                     | 13.0 / 11.0                 | 13.0 / 11.0                 | 13.0 / 11.0                 | 13.0 / 11.0                 | 13.0 / 11.0                 | 13.0 / 11.0                 | 13.0 / 11.0                 | 13.0 / 11.0                 | 13.0 / 11.0                 |
| Decibels                       | 78                          | 78                          | 78                          | 78                          | 78                          | 78                          | 78                          | 78                          | 78                          |
| AHRI Reference #s              | 5035714                     | 5360601                     | 5495272                     | 5360601                     | 5035714                     | 5495272                     | 5360601                     | 5035714                     | 5495272                     |
| <b>HEATING CAPACITY</b>        |                             |                             |                             |                             |                             |                             |                             |                             |                             |
| Input BTU/h                    | 46,000                      | 46,000                      | 46,000                      | 69,000                      | 69,000                      | 69,000                      | 92,000                      | 92,000                      | 92,000                      |
| Output BTU/h                   | 36,700                      | 36,700                      | 36,700                      | 55,000                      | 55,000                      | 55,000                      | 73,600                      | 73,600                      | 73,600                      |
| AFUE                           | 80                          | 80                          | 80                          | 80                          | 80                          | 80                          | 80                          | 80                          | 80                          |
| Temperature Rise Range         | 30 - 60                     | 30 - 60                     | 30 - 60                     | 35 - 65                     | 35 - 65                     | 35 - 65                     | 45 - 75                     | 45 - 75                     | 45 - 75                     |
| No. of Burners                 | 2                           | 2                           | 2                           | 3                           | 3                           | 3                           | 4                           | 4                           | 4                           |
| Orifice Size (Natural/Propane) | 43 / 55                     | 43 / 55                     | 43 / 55                     | 43 / 55                     | 43 / 55                     | 43 / 55                     | 43 / 55                     | 43 / 55                     | 43 / 55                     |
| <b>EVAPORATOR MOTOR</b>        |                             |                             |                             |                             |                             |                             |                             |                             |                             |
| Type                           | PSC                         | PSC                         | PSC                         | PSC                         | PSC                         | PSC                         | PSC                         | PSC                         | PSC                         |
| Wheel (D x W)                  | 10" x 9"                    | 10" x 9"                    | 10" x 9"                    | 10" x 9"                    | 10" x 9"                    | 10" x 9"                    | 10" x 9"                    | 10" x 9"                    | 10" x 9"                    |
| Indoor Nominal CFM             | 1,250                       | 1,250                       | 1,250                       | 1,250                       | 1,250                       | 1,250                       | 1,250                       | 1,250                       | 1,250                       |
| Motor Speed Tap (Cooling)      | Med                         | Med                         | Med                         | Med                         | Med                         | Med                         | Med                         | Med                         | Med                         |
| RPM/Amps (Cooling)             | 910/3.06                    | 910/3.06                    | 910/3.06                    | 910/3.06                    | 910/3.06                    | 910/3.06                    | 910/3.06                    | 910/3.06                    | 910/3.06                    |
| Horsepower                     | 1/3                         | 1/3                         | 1/3                         | 1/3                         | 1/3                         | 1/3                         | 1/3                         | 1/3                         | 1/3                         |
| <b>EVAPORATOR COIL</b>         |                             |                             |                             |                             |                             |                             |                             |                             |                             |
| Face Area (ft²)                | 4.33                        | 4.33                        | 4.33                        | 4.33                        | 4.33                        | 4.33                        | 4.33                        | 4.33                        | 4.33                        |
| Rows Deep/Fins per Inch        | 4/14                        | 4/14                        | 4/14                        | 4/14                        | 4/14                        | 4/14                        | 4/14                        | 4/14                        | 4/14                        |
| Piston Size (Cooling)          | 0.07                        | 0.068                       | 0.068                       | 0.068                       | 0.070                       | 0.068                       | 0.068                       | 0.07                        | 0.068                       |
| Filter Size (ft²)              | 4.2                         | 4.2                         | 4.2                         | 4.2                         | 4.2                         | 4.2                         | 4.2                         | 4.2                         | 4.2                         |
| Drain Size (NPT)               | ¾"                          | ¾"                          | ¾"                          | ¾"                          | ¾"                          | ¾"                          | ¾"                          | ¾"                          | ¾"                          |
| Refrigerant Charge (oz.)       | 85                          | 70                          | 70                          | 70                          | 85                          | 70                          | 70                          | 85                          | 70                          |
| <b>CONDENSER FAN / COIL</b>    |                             |                             |                             |                             |                             |                             |                             |                             |                             |
| Horsepower - RPM               | 1/4 - 830                   | 1/4 - 830                   | 1/4 - 830                   | 1/4 - 830                   | 1/4 - 830                   | 1/4 - 830                   | 1/4 - 830                   | 1/4 - 830                   | 1/4 - 830                   |
| Diameter / # of Blades         | 22" / 3                     | 22" / 3                     | 22" / 3                     | 22" / 3                     | 22" / 3                     | 22" / 3                     | 22" / 3                     | 22" / 3                     | 22" / 3                     |
| Outdoor Nominal CFM            | 2,400                       | 2,400                       | 2,400                       | 2,400                       | 2,400                       | 2,400                       | 2,400                       | 2,400                       | 2,400                       |
| Face Area (ft²)                | 12.2                        | 8.8                         | 8.8                         | 8.8                         | 12.2                        | 8.8                         | 8.8                         | 12.2                        | 8.8                         |
| Rows Deep/Fins per Inch        | 2/16                        | 2/27                        | 2/27                        | 2/27                        | 2/16                        | 2/27                        | 2/27                        | 2/16                        | 2/27                        |
| <b>COMPRESSOR</b>              |                             |                             |                             |                             |                             |                             |                             |                             |                             |
| Quantity / Type                | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                  |
| Stage                          | Single                      | Single                      | Single                      | Single                      | Single                      | Single                      | Single                      | Single                      | Single                      |
| Compressor RLA/LRA             | 16.7/79.0                   | 16.7/79.0                   | 16.7/79.0                   | 16.7/79.0                   | 16.7/79.0                   | 16.7/79.0                   | 16.7/79.0                   | 16.7/79.0                   | 16.7/79.0                   |
| <b>ELECTRICAL DATA</b>         |                             |                             |                             |                             |                             |                             |                             |                             |                             |
| Voltage-Phase (60 Hz)          | 208/230-1                   | 208/230-1                   | 208/230-1                   | 208/230-1                   | 208/230-1                   | 208/230-1                   | 208/230-1                   | 208/230-1                   | 208/230-1                   |
| Indoor Blower FLA/LRA          | 3.06/4.1                    | 3.06/4.1                    | 3.06/4.1                    | 3.06/4.1                    | 3.06/4.1                    | 3.06/4.1                    | 3.06/4.1                    | 3.06/4.1                    | 3.06/4.1                    |
| Outdoor Fan FLA/LRA            | 1.5 / 3.0                   | 1.5 / 3.0                   | 1.5 / 3.0                   | 1.5 / 3.0                   | 1.5 / 3.0                   | 1.5 / 3.0                   | 1.5 / 3.0                   | 1.5 / 3.0                   | 1.5 / 3.0                   |
| Total Unit Amps                | 21.2                        | 21.2                        | 21.2                        | 21.2                        | 21.2                        | 21.2                        | 21.2                        | 21.2                        | 21.2                        |
| Min. Circuit Ampacity          | 25.4                        | 25.4                        | 25.4                        | 25.4                        | 25.4                        | 25.4                        | 25.4                        | 25.4                        | 25.4                        |
| Max. Overcurrent Protection    | 40 amps                     | 40 amps                     | 40 amps                     | 40 amps                     | 40 amps                     | 40 amps                     | 40 amps                     | 40 amps                     | 40 amps                     |
| Entrance Size Power Supply     | 1½"                         | 1½"                         | 1½"                         | 1½"                         | 1½"                         | 1½"                         | 1½"                         | 1½"                         | 1½"                         |
| Entrance Size Control Voltage  | ⅞"                          | ⅞"                          | ⅞"                          | ⅞"                          | ⅞"                          | ⅞"                          | ⅞"                          | ⅞"                          | ⅞"                          |
| Operating / Ship Weights (lbs) | 460 / 481                   | 459 / 482                   | 465 / 488                   | 459 / 486                   | 464 / 486                   | 465 / 492                   | 459 / 491                   | 469 / 491                   | 467 / 496                   |

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

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

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

# **SPECIFICATIONS — GPG1342**

|                                | <b>GPG1342<br/>070M41A*</b> | <b>GPG1342<br/>070M41B*</b> | <b>GPG1342<br/>070M41C*</b> | <b>GPG1342<br/>090M41A*</b> | <b>GPG1342<br/>090M41B*</b> | <b>GPG1342<br/>090M41C*</b> |
|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>COOLING CAPACITY</b>        |                             |                             |                             |                             |                             |                             |
| Total BTU/h                    | 40,500                      | 40,500                      | 40,500                      | 40,500                      | 40,500                      | 40,500                      |
| Sensible BTU/h                 | 30,800                      | 30,800                      | 30,800                      | 30,800                      | 30,800                      | 30,800                      |
| SEER / EER                     | 13.0 / 11.0                 | 13.0 / 11.0                 | 13.0 / 11.0                 | 13.0 / 11.0                 | 13.0 / 11.0                 | 13.0 / 11.0                 |
| Decibels                       | 78                          | 78                          | 78                          | 78                          | 78                          | 78                          |
| AHRI Reference #s              | 4385096                     | 5360602                     | 5495273                     | 4385096                     | 5360602                     | 5495273                     |
| <b>HEATING CAPACITY</b>        |                             |                             |                             |                             |                             |                             |
| Input BTU/h                    | 69,000                      | 69,000                      | 69,000                      | 92,000                      | 92,000                      | 92,000                      |
| Output BTU/h                   | 55,000                      | 55,000                      | 55,000                      | 73,600                      | 73,600                      | 73,600                      |
| AFUE                           | 80                          | 80                          | 80                          | 80                          | 80                          | 80                          |
| Temperature Rise Range         | 35 - 65                     | 35 - 65                     | 35 - 65                     | 45 - 75                     | 45 - 75                     | 45 - 75                     |
| No. of Burners                 | 3                           | 3                           | 3                           | 4                           | 4                           | 4                           |
| Orifice Size (Natural/Propane) | 43 / 55                     | 43 / 55                     | 43 / 55                     | 43 / 55                     | 43 / 55                     | 43 / 55                     |
| <b>EVAPORATOR MOTOR</b>        |                             |                             |                             |                             |                             |                             |
| Type                           | PSC                         | PSC                         | PSC                         | PSC                         | PSC                         | PSC                         |
| Wheel (D x W)                  | 10" x 10"                   | 10" x 10"                   | 10" x 10"                   | 10" x 10"                   | 10" x 10"                   | 10" x 10"                   |
| Indoor Nominal CFM             | 1,300                       | 1,300                       | 1,300                       | 1,300                       | 1,300                       | 1,300                       |
| Motor Speed Tap (Cooling)      | Medium                      | Medium                      | Medium                      | Medium                      | Medium                      | Medium                      |
| RPM/Amps (Cooling)             | 910/3.06                    | 910/3.06                    | 910/3.06                    | 910/3.06                    | 910/3.06                    | 910/3.06                    |
| Horsepower                     | 1/3                         | 1/3                         | 1/3                         | 1/3                         | 1/3                         | 1/3                         |
| <b>EVAPORATOR COIL</b>         |                             |                             |                             |                             |                             |                             |
| Face Area (ft²)                | 5.67                        | 5.67                        | 5.67                        | 5.67                        | 5.67                        | 5.67                        |
| Rows Deep/Fins per Inch        | 4/14                        | 4/14                        | 4/14                        | 4/14                        | 4/14                        | 4/14                        |
| Piston Size (Cooling)          | 0.072                       | 0.072                       | 0.072                       | 0.072                       | 0.072                       | 0.072                       |
| Filter Size (ft²)              | 4.7                         | 4.7                         | 4.7                         | 4.7                         | 4.7                         | 4.7                         |
| Drain Size (NPT)               | ¾"                          | ¾"                          | ¾"                          | ¾"                          | ¾"                          | ¾"                          |
| Refrigerant Charge (oz.)       | 105                         | 81                          | 81                          | 105                         | 81                          | 81                          |
| <b>CONDENSER FAN / COIL</b>    |                             |                             |                             |                             |                             |                             |
| Horsepower - RPM               | 1/4 - 1100                  | 1/4 - 1100                  | 1/4 - 1100                  | 1/4 - 1100                  | 1/4 - 1100                  | 1/4 - 1100                  |
| Diameter / # of Blades         | 22" / 3                     | 22" / 3                     | 22" / 3                     | 22" / 3                     | 22" / 3                     | 22" / 3                     |
| Outdoor Nominal CFM            | 3,500                       | 3,500                       | 3,500                       | 3,500                       | 3,500                       | 3,500                       |
| Face Area (ft²)                | 15.4                        | 11.32                       | 11.32                       | 15.4                        | 11.32                       | 11.32                       |
| Rows Deep/Fins per Inch        | 1/24                        | 1/27                        | 1/27                        | 1/24                        | 1/27                        | 1/27                        |
| <b>COMPRESSOR</b>              |                             |                             |                             |                             |                             |                             |
| Quantity / Type                | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                  |
| Stage                          | Single                      | Single                      | Single                      | Single                      | Single                      | Single                      |
| Compressor RLA/LRA             | 17.9 / 112                  | 17.9 / 112                  | 17.9 / 112                  | 17.9 / 112                  | 17.9 / 112                  | 17.9 / 112                  |
| <b>ELECTRICAL DATA</b>         |                             |                             |                             |                             |                             |                             |
| Voltage-Phase-Frequency        | 208/230-1-60                | 208/230-1-60                | 208/230-1-60                | 208/230-1-60                | 208/230-1-60                | 208/230-1-60                |
| Indoor Blower FLA/LRA          | 3.0 / 4.1                   | 3.0 / 4.1                   | 3.0 / 4.1                   | 3.0 / 4.1                   | 3.0 / 4.1                   | 3.0 / 4.1                   |
| Outdoor Fan FLA/LRA            | 1.4/ 2.9                    | 1.4/ 2.9                    | 1.4/ 2.9                    | 1.4/ 2.9                    | 1.4/ 2.9                    | 1.4/ 2.9                    |
| Total Unit Amps                | 22.3                        | 22.3                        | 22.3                        | 22.3                        | 22.3                        | 22.3                        |
| Min. Circuit Ampacity          | 26.8                        | 26.8                        | 26.8                        | 26.8                        | 26.8                        | 26.8                        |
| Max. Overcurrent Protection    | 40 amps                     | 40 amps                     | 40 amps                     | 40 amps                     | 40 amps                     | 40 amps                     |
| Entrance Size Power Supply     | 1½"                         | 1½"                         | 1½"                         | 1½"                         | 1½"                         | 1½"                         |
| Entrance Size Control Voltage  | ⅞"                          | ⅞"                          | ⅞"                          | ⅞"                          | ⅞"                          | ⅞"                          |
| Operating / Ship Weights (lbs) | 493 / 515                   | 462 / 485                   | 469 / 492                   | 496 / 520                   | 462 / 488                   | 471 / 494                   |

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

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

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

# **SPECIFICATIONS — GPG1348**

|                                | GPG1348<br>070M41A* | GPG1348<br>070M41B* | GPG1348<br>070M41C* | GPG1348<br>070M41D* | GPG1348<br>090M41A | GPG1348<br>090M41B* |
|--------------------------------|---------------------|---------------------|---------------------|---------------------|--------------------|---------------------|
| <b>COOLING CAPACITY</b>        |                     |                     |                     |                     |                    |                     |
| Total BTU/h                    | 46,000              | 46,000              | 46,000              | 46,000              | 46,000             | 46,000              |
| Sensible BTU/h                 | 36,700              | 36,700              | 36,700              | 36,700              | 36,700             | 36,700              |
| SEER / EER                     | 13.0 / 11.0         | 13.0 / 11.0         | 13.0 / 11.0         | 13.0 / 11.0         | 13.0 / 11.0        | 13.0 / 11.0         |
| Decibels                       | 80                  | 80                  | 80                  | 80                  | 80                 | 80                  |
| AHRI Reference #s              | 4385097             | 5360603             | 5495274             | 5677932             | 4385097            | 5360603             |
| <b>HEATING CAPACITY</b>        |                     |                     |                     |                     |                    |                     |
| Input BTU/h                    | 69,000              | 69,000              | 69,000              | 69,000              | 92,000             | 92,000              |
| Output BTU/h                   | 55,000              | 55,000              | 55,000              | 55,000              | 73,600             | 73,600              |
| AFUE                           | 80                  | 80                  | 80                  | 80                  | 80                 | 80                  |
| Temperature Rise Range         | 35 - 65             | 35 - 65             | 35 - 65             | 35 - 65             | 45 - 75            | 45 - 75             |
| No. of Burners                 | 3                   | 3                   | 3                   | 3                   | 4                  | 4                   |
| Orifice Size (Natural/Propane) | 43 / 55             | 43 / 55             | 43 / 55             | 43 / 55             | 43 / 55            | 43 / 55             |
| <b>EVAPORATOR MOTOR</b>        |                     |                     |                     |                     |                    |                     |
| Type                           | EEM                 | EEM                 | EEM                 | EEM                 | EEM                | EEM                 |
| Wheel (D x W)                  | 11" x 10"           | 11" x 10"           | 11" x 10"           | 11" x 10"           | 11" x 10"          | 11" x 10"           |
| Indoor Nominal CFM             | 1,550               | 1,550               | 1,550               | 1,550               | 1,550              | 1,550               |
| Motor Speed Tap (Cooling)      | T4                  | T4                  | T4                  | T4                  | T4                 | T4                  |
| RPM/Amps (Cooling)             | 1,050/5.8           | 1,050/5.8           | 1,050/5.8           | 1,050/5.8           | 1,050/5.8          | 1,050/5.8           |
| Horsepower                     | 3/4                 | 3/4                 | 3/4                 | 3/4                 | 3/4                | 3/4                 |
| <b>EVAPORATOR COIL</b>         |                     |                     |                     |                     |                    |                     |
| Face Area (ft²)                | 5.67                | 5.67                | 5.67                | 5.67                | 5.67               | 5.67                |
| Rows Deep/Fins per Inch        | 4/14                | 4/14                | 4/14                | 4/14                | 4/14               | 4/14                |
| Piston Size (Cooling)          | 0.076               | 0.076               | 0.076               | 0.076               | 0.076              | 0.076               |
| Filter Size (ft²)              | 5.1                 | 5.1                 | 5.1                 | 5.1                 | 5.1                | 5.1                 |
| Drain Size (NPT)               | ¾"                  | ¾"                  | ¾"                  | ¾"                  | ¾"                 | ¾"                  |
| Refrigerant Charge (oz.)       | 125                 | 87                  | 87                  | 87                  | 125                | 87                  |
| <b>CONDENSER FAN / COIL</b>    |                     |                     |                     |                     |                    |                     |
| Horsepower - RPM               | 1/4 - 1100          | 1/4 - 1100          | 1/4 - 1100          | 1/4 - 1100          | 1/4 - 1100         | 1/4 - 1100          |
| Diameter / # of Blades         | 22" / 3             | 22" / 3             | 22" / 3             | 22" / 3             | 22" / 3            | 22" / 3             |
| Outdoor Nominal CFM            | 3,500               | 3,500               | 3,500               | 3,500               | 3,500              | 3,500               |
| Face Area (ft²)                | 15.4                | 8.8                 | 8.8                 | 8.8                 | 15.4               | 8.8                 |
| Rows Deep/Fins per Inch        | 1/24                | 2/27                | 2/27                | 2/27                | 1/24               | 2/27                |
| <b>COMPRESSOR</b>              |                     |                     |                     |                     |                    |                     |
| Quantity / Type                | 1 / Scroll          | 1 / Scroll          | 1 / Scroll          | 1 / Scroll          | 1 / Scroll         | 1 / Scroll          |
| Stage                          | Single              | Single              | Single              | Single              | Single             | Single              |
| Compressor RLA/LRA             | 19.9/109            | 19.9/109            | 19.9/109            | 19.9/109            | 19.9/109           | 19.9/109            |
| <b>ELECTRICAL DATA</b>         |                     |                     |                     |                     |                    |                     |
| Voltage-Phase-Frequency        | 208/230-1-60        | 208/230-1-60        | 208/230-1-60        | 208/230-1-60        | 208/230-1-60       | 208/230-1-60        |
| Indoor Blower FLA/LRA          | 5.8                 | 5.8                 | 5.8                 | 5.8                 | 5.8                | 5.8                 |
| Outdoor Fan FLA/LRA            | 1.4/ 2.9            | 1.4/ 2.9            | 1.4/ 2.9            | 1.4/ 2.9            | 1.4/ 2.9           | 1.4/ 2.9            |
| Total Unit Amps                | 27.1                | 27.1                | 27.1                | 27.1                | 27.1               | 27.1                |
| Min. Circuit Ampacity          | 32.1                | 32.1                | 32.1                | 32.1                | 32.1               | 32.1                |
| Max. Overcurrent Protection    | 50 amps             | 50 amps             | 50 amps             | 50 amps             | 50 amps            | 50 amps             |
| Entrance Size Power Supply     | 1½"                 | 1½"                 | 1½"                 | 1½"                 | 1½"                | 1½"                 |
| Entrance Size Control Voltage  | ⅝"                  | ⅝"                  | ⅝"                  | ⅝"                  | ⅝"                 | ⅝"                  |
| Operating / Ship Weights (lbs) | 518 / 540           | 464 / 487           | 471 / 494           | 464 / 487           | 523 / 545          | 464 / 492           |

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

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

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

**SPECIFICATIONS — GPG1348 (cont.)**

|                                | GPG1348<br>090M41C* | GPG1348<br>090M41D* | GPG1348<br>115M41A | GPG1348<br>115M41B* | GPG1348<br>115M41C* | GPG1348<br>115M41D* |
|--------------------------------|---------------------|---------------------|--------------------|---------------------|---------------------|---------------------|
| <b>COOLING CAPACITY</b>        |                     |                     |                    |                     |                     |                     |
| Total BTU/h                    | 46,000              | 46,000              | 46,000             | 46,000              | 46,000              | 46,000              |
| Sensible BTU/h                 | 36,700              | 36,700              | 36,700             | 36,700              | 36,700              | 36,700              |
| SEER / EER                     | 13.0 / 11.0         | 13.0 / 11.0         | 13.0 / 11.0        | 13.0 / 11.0         | 13.0 / 11.0         | 13.0 / 11.0         |
| Decibels                       | 80                  | 80                  | 80                 | 80                  | 80                  | 80                  |
| AHRI Reference #s              | 5495274             | 5677932             | 4385097            | 5360603             | 5495274             | 5677932             |
| <b>HEATING CAPACITY</b>        |                     |                     |                    |                     |                     |                     |
| Input BTU/h                    | 92,000              | 92,000              | 115,000            | 115,000             | 115,000             | 115,000             |
| Output BTU/h                   | 73,600              | 73,600              | 92,000             | 92,000              | 92,000              | 92,000              |
| AFUE                           | 80                  | 80                  | 80                 | 80                  | 80                  | 80                  |
| Temperature Rise Range         | 45 - 75             | 45 - 75             | 45 - 75            | 45 - 75             | 45 - 75             | 45 - 75             |
| No. of Burners                 | 4                   | 4                   | 5                  | 5                   | 5                   | 5                   |
| Orifice Size (Natural/Propane) | 43 / 55             | 43 / 55             | 43 / 55            | 43 / 55             | 43 / 55             | 43 / 55             |
| <b>EVAPORATOR MOTOR</b>        |                     |                     |                    |                     |                     |                     |
| Type                           | EEM                 | EEM                 | EEM                | EEM                 | EEM                 | EEM                 |
| Wheel (D x W)                  | 11" x 10"           | 11" x 10"           | 11" x 10"          | 11" x 10"           | 11" x 10"           | 11" x 10"           |
| Indoor Nominal CFM             | 1,550               | 1,550               | 1,550              | 1,550               | 1,550               | 1,550               |
| Motor Speed Tap (Cooling)      | T4                  | T4                  | T4                 | T4                  | T4                  | T4                  |
| RPM/Amps (Cooling)             | 1,050/5.8           | 1,050/5.8           | 1,050/5.8          | 1,050/5.8           | 1,050/5.8           | 1,050/5.8           |
| Horsepower                     | 3/4                 | 3/4                 | 3/4                | 3/4                 | 3/4                 | 3/4                 |
| <b>EVAPORATOR COIL</b>         |                     |                     |                    |                     |                     |                     |
| Face Area (ft <sup>2</sup> )   | 5.67                | 5.67                | 5.67               | 5.67                | 5.67                | 5.67                |
| Rows Deep/Fins per Inch        | 4/14                | 4/14                | 4/14               | 4/14                | 4/14                | 4/14                |
| Piston Size (Cooling)          | 0.076               | 0.076               | 0.076              | 0.076               | 0.076               | 0.076               |
| Filter Size (ft <sup>2</sup> ) | 5.1                 | 5.1                 | 5.1                | 5.1                 | 5.1                 | 5.1                 |
| Drain Size (NPT)               | ¾"                  | ¾"                  | ¾"                 | ¾"                  | ¾"                  | ¾"                  |
| Refrigerant Charge (oz.)       | 87                  | 87                  | 125                | 87                  | 87                  | 87                  |
| <b>CONDENSER FAN / COIL</b>    |                     |                     |                    |                     |                     |                     |
| Horsepower - RPM               | 1/4 - 1100          | 1/4 - 1100          | 1/4 - 1100         | 1/4 - 1100          | 1/4 - 1100          | 1/4 - 1100          |
| Diameter / # of Blades         | 22" / 3             | 22" / 3             | 22" / 3            | 22" / 3             | 22" / 3             | 22" / 3             |
| Outdoor Nominal CFM            | 3,500               | 3,500               | 3,500              | 3,500               | 3,500               | 3,500               |
| Face Area (ft <sup>2</sup> )   | 8.8                 | 8.8                 | 15.4               | 8.8                 | 8.8                 | 8.8                 |
| Rows Deep/Fins per Inch        | 2/27                | 2/27                | 1/24               | 2/27                | 2/27                | 2/27                |
| <b>COMPRESSOR</b>              |                     |                     |                    |                     |                     |                     |
| Quantity / Type                | 1 / Scroll          | 1 / Scroll          | 1 / Scroll         | 1 / Scroll          | 1 / Scroll          | 1 / Scroll          |
| Stage                          | Single              | Single              | Single             | Single              | Single              | Single              |
| Compressor RLA/LRA             | 19.9/109            | 19.9/109            | 19.9/109           | 19.9/109            | 19.9/109            | 19.9/109            |
| <b>ELECTRICAL DATA</b>         |                     |                     |                    |                     |                     |                     |
| Voltage-Phase-Frequency        | 208/230-1-60        | 208/230-1-60        | 208/230-1-60       | 208/230-1-60        | 208/230-1-60        | 208/230-1-60        |
| Indoor Blower FLA/LRA          | 5.8                 | 5.8                 | 5.8                | 5.8                 | 5.8                 | 5.8                 |
| Outdoor Fan FLA/LRA            | 1.4/ 2.9            | 1.4/ 2.9            | 1.4/ 2.9           | 1.4/ 2.9            | 1.4/ 2.9            | 1.4/ 2.9            |
| Total Unit Amps                | 27.1                | 27.1                | 27.1               | 27.1                | 27.1                | 27.1                |
| Min. Circuit Ampacity          | 32.1                | 32.1                | 32.1               | 32.1                | 32.1                | 32.1                |
| Max. Overcurrent Protection    | 50 amps             | 50 amps             | 50 amps            | 50 amps             | 50 amps             | 50 amps             |
| Entrance Size Power Supply     | 1½"                 | 1½"                 | 1½"                | 1½"                 | 1½"                 | 1½"                 |
| Entrance Size Control Voltage  | ⅝"                  | ⅝"                  | ⅝"                 | ⅝"                  | ⅝"                  | ⅝"                  |
| Operating / Ship Weights (lbs) | 472 / 498           | 464 / 492           | 528 / 550          | 464 / 497           | 473 / 504           | 464 / 497           |

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

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

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



# SPECIFICATIONS — GPG1360

|                                | <b>GPG1360<br/>090M41A</b> | <b>GPG1360<br/>090M41B*</b> | <b>GPG1360<br/>090M41C*</b> | <b>GPG1360<br/>090M41D*</b> | <b>GPG1360<br/>115M41A</b> | <b>GPG1360<br/>115M41B*</b> |
|--------------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|-----------------------------|
| <b>COOLING CAPACITY</b>        |                            |                             |                             |                             |                            |                             |
| Total BTU/h                    | 57,000                     | 57,000                      | 57,000                      | 57,000                      | 57,000                     | 57,000                      |
| Sensible BTU/h                 | 43,800                     | 43,800                      | 43,800                      | 43,800                      | 43,800                     | 43,800                      |
| SEER / EER                     | 13.0 / 10.75               | 13.0 / 10.75                | 13.0 / 10.75                | 13.0 / 10.75                | 13.0 / 10.75               | 13.0 / 10.75                |
| Decibels                       | 80                         | 80                          | 80                          | 80                          | 80                         | 80                          |
| AHRI Reference #s              | 4385099                    | 5360604                     | 5495275                     | 5677892                     | 4385099                    | 5360604                     |
| <b>HEATING CAPACITY</b>        |                            |                             |                             |                             |                            |                             |
| Input BTU/h                    | 92,000                     | 92,000                      | 92,000                      | 92,000                      | 115,000                    | 115,000                     |
| Output BTU/h                   | 73,600                     | 73,600                      | 73,600                      | 73,600                      | 92,000                     | 92,000                      |
| AFUE                           | 80                         | 80                          | 80                          | 80                          | 80                         | 80                          |
| Temperature Rise Range         | 45 - 75                    | 45 - 75                     | 45 - 75                     | 45 - 75                     | 45 - 75                    | 45 - 75                     |
| No. of Burners                 | 4                          | 4                           | 4                           | 4                           | 5                          | 5                           |
| Orifice Size (Natural/Propane) | 43 / 55                    | 43 / 55                     | 43 / 55                     | 43 / 55                     | 43 / 55                    | 43 / 55                     |
| <b>EVAPORATOR MOTOR</b>        |                            |                             |                             |                             |                            |                             |
| Type                           | EEM                        | EEM                         | EEM                         | EEM                         | EEM                        | EEM                         |
| Wheel (D x W)                  | 11" x 10"                  | 11" x 10"                   | 11" x 10"                   | 11" x 10"                   | 11" x 10"                  | 11" x 10"                   |
| Indoor Nominal CFM             | 1,750                      | 1,750                       | 1,750                       | 1,750                       | 1,750                      | 1,750                       |
| Motor Speed Tap (Cooling)      | T4                         | T4                          | T4                          | T4                          | T4                         | T4                          |
| RPM/Amps (Cooling)             | 1,050/7.6                  | 1,050/7.6                   | 1,050/7.6                   | 1,050/7.6                   | 1,050/7.6                  | 1,050/7.6                   |
| Horsepower                     | 1.0                        | 1.0                         | 1.0                         | 1.0                         | 1.0                        | 1.0                         |
| <b>EVAPORATOR COIL</b>         |                            |                             |                             |                             |                            |                             |
| Face Area (ft²)                | 5.67                       | 5.67                        | 5.67                        | 5.67                        | 5.67                       | 5.67                        |
| Rows Deep/Fins per Inch        | 4/14                       | 4/14                        | 4/14                        | 4/14                        | 4/14                       | 4/14                        |
| Piston Size (Cooling)          | 0.087                      | 0.086                       | 0.087                       | 0.086                       | 0.087                      | 0.086                       |
| Filter Size (ft²)              | 6.3                        | 6.3                         | 6.3                         | 6.3                         | 6.3                        | 6.3                         |
| Drain Size (NPT)               | ¾"                         | ¾"                          | ¾"                          | ¾"                          | ¾"                         | ¾"                          |
| Refrigerant Charge (oz.)       | 185                        | 91                          | 91                          | 91                          | 185                        | 91                          |
| <b>CONDENSER FAN / COIL</b>    |                            |                             |                             |                             |                            |                             |
| Horsepower - RPM               | 1/4 - 1100                 | 1/4 - 1100                  | 1/4 - 1100                  | 1/4 - 1100                  | 1/4 - 1100                 | 1/4 - 1100                  |
| Diameter / # of Blades         | 22" / 3                    | 22" / 3                     | 22" / 3                     | 22" / 3                     | 22" / 3                    | 22" / 3                     |
| Outdoor Nominal CFM            | 3,500                      | 3,500                       | 3,500                       | 3,500                       | 3,500                      | 3,500                       |
| Face Area (ft²)                | 15.2                       | 11.32                       | 11.32                       | 11.32                       | 15.2                       | 12.32                       |
| Rows Deep/Fins per Inch        | 2/16                       | 2/27                        | 2/27                        | 2/27                        | 2/16                       | 2/28                        |
| <b>COMPRESSOR</b>              |                            |                             |                             |                             |                            |                             |
| Quantity / Type                | 1 / Scroll                 | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                 | 1 / Scroll                  |
| Stage                          | Single                     | Single                      | Single                      | Single                      | Single                     | Single                      |
| Compressor RLA/LRA             | 26.4 / 134                 | 26.4 / 134                  | 26.4 / 134                  | 26.4 / 134                  | 26.4 / 134                 | 26.4 / 134                  |
| <b>ELECTRICAL DATA</b>         |                            |                             |                             |                             |                            |                             |
| Voltage-Phase-Frequency        | 208/230-1-60               | 208/230-1-60                | 208/230-1-60                | 208/230-1-60                | 208/230-1-60               | 208/230-1-60                |
| Indoor Blower FLA/LRA          | 7.6                        | 7.6                         | 7.6                         | 7.6                         | 7.6                        | 7.6                         |
| Outdoor Fan FLA/LRA            | 1.4/ 2.9                   | 1.4/ 2.9                    | 1.4/ 2.9                    | 1.4/ 2.9                    | 1.4/ 2.9                   | 1.4/ 2.9                    |
| Total Unit Amps                | 35.4                       | 35.4                        | 35.4                        | 35.4                        | 35.4                       | 35.4                        |
| Min. Circuit Ampacity          | 42                         | 42                          | 42                          | 42                          | 42                         | 42                          |
| Max. Overcurrent Protection    | 60 amps                    | 60 amps                     | 60 amps                     | 60 amps                     | 60 amps                    | 60 amps                     |
| Entrance Size Power Supply     | 1½"                        | 1½"                         | 1½"                         | 1½"                         | 1½"                        | 1½"                         |
| Entrance Size Control Voltage  | ⅞"                         | ⅞"                          | ⅞"                          | ⅞"                          | ⅞"                         | ⅞"                          |
| Operating / Ship Weights (lbs) | 533 / 555                  | 466 / 495                   | 472 / 502                   | 466 / 495                   | 538 / 560                  | 466 / 500                   |

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

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

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

**SPECIFICATIONS — GPG1360 (cont.)**

|                                | <b>GPG1360<br/>115M41C*</b> | <b>GPG1360<br/>115M41B*</b> | <b>GPG1360<br/>140M41D*</b> | <b>GPG1360<br/>140M41B*</b> | <b>GPG1360<br/>140M41C*</b> | <b>GPG1360<br/>140M41D*</b> |
|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>COOLING CAPACITY</b>        |                             |                             |                             |                             |                             |                             |
| Total BTU/h                    | 57,000                      | 57,000                      | 57,000                      | 57,000                      | 57,000                      | 57,000                      |
| Sensible BTU/h                 | 43,800                      | 43,800                      | 43,800                      | 43,800                      | 43,800                      | 43,800                      |
| SEER / EER                     | 13.0 / 10.75                | 13.0 / 10.75                | 13.0 / 10.75                | 13.0 / 10.75                | 13.0 / 10.75                | 13.0 / 10.75                |
| Decibels                       | 80                          | 80                          | 80                          | 80                          | 80                          | 80                          |
| AHRI Reference #s              | 5495275                     | 5677892                     | 4385099                     | 5360604                     | 5495275                     | 5677892                     |
| <b>HEATING CAPACITY</b>        |                             |                             |                             |                             |                             |                             |
| Input BTU/h                    | 115,000                     | 115,000                     | 138,000                     | 138,000                     | 138,000                     | 138,000                     |
| Output BTU/h                   | 92,000                      | 92,000                      | 110,400                     | 110,400                     | 110,400                     | 110,400                     |
| AFUE                           | 80                          | 80                          | 80                          | 80                          | 80                          | 80                          |
| Temperature Rise Range         | 45 - 75                     | 45 - 75                     | 45 - 75                     | 45 - 75                     | 45 - 75                     | 45 - 75                     |
| No. of Burners                 | 5                           | 5                           | 6                           | 6                           | 6                           | 6                           |
| Orifice Size (Natural/Propane) | 43 / 55                     | 43 / 55                     | 43 / 55                     | 43 / 55                     | 43 / 55                     | 43 / 55                     |
| <b>EVAPORATOR MOTOR</b>        |                             |                             |                             |                             |                             |                             |
| Type                           | EEM                         | EEM                         | EEM                         | EEM                         | EEM                         | EEM                         |
| Wheel (D x W)                  | 11" x 10"                   | 11" x 10"                   | 11" x 10"                   | 11" x 10"                   | 11" x 10"                   | 11" x 10"                   |
| Indoor Nominal CFM             | 1,750                       | 1,750                       | 1,750                       | 1,750                       | 1,750                       | 1,750                       |
| Motor Speed Tap (Cooling)      | T4                          | T4                          | T4                          | T4                          | T4                          | T4                          |
| RPM/Amps (Cooling)             | 1,050/7.6                   | 1,050/7.6                   | 1,050/7.6                   | 1,050/7.6                   | 1,050/7.6                   | 1,050/7.6                   |
| Horsepower                     | 1.0                         | 1.0                         | 1.0                         | 1.0                         | 1.0                         | 1.0                         |
| <b>EVAPORATOR COIL</b>         |                             |                             |                             |                             |                             |                             |
| Face Area (ft <sup>2</sup> )   | 5.67                        | 5.67                        | 5.67                        | 5.67                        | 5.67                        | 5.67                        |
| Rows Deep/Fins per Inch        | 4/14                        | 4/14                        | 4/14                        | 4/14                        | 4/14                        | 4/14                        |
| Piston Size (Cooling)          | 0.087                       | 0.086                       | 0.087                       | 0.086                       | 0.087                       | 0.086                       |
| Filter Size (ft <sup>2</sup> ) | 6.3                         | 6.3                         | 6.3                         | 6.3                         | 6.3                         | 6.3                         |
| Drain Size (NPT)               | ¾"                          | ¾"                          | ¾"                          | ¾"                          | ¾"                          | ¾"                          |
| Refrigerant Charge (oz.)       | 91                          | 91                          | 185                         | 91                          | 91                          | 91                          |
| <b>CONDENSER FAN / COIL</b>    |                             |                             |                             |                             |                             |                             |
| Horsepower - RPM               | 1/4 - 1100                  | 1/4 - 1100                  | 1/4 - 1100                  | 1/4 - 1100                  | 1/4 - 1100                  | 1/4 - 1100                  |
| Diameter / # of Blades         | 22" / 3                     | 22" / 3                     | 22" / 3                     | 22" / 3                     | 22" / 3                     | 22" / 3                     |
| Outdoor Nominal CFM            | 3,500                       | 3,500                       | 3,500                       | 3,500                       | 3,500                       | 3,500                       |
| Face Area (ft <sup>2</sup> )   | 12.32                       | 12.32                       | 15.2                        | 13.32                       | 13.32                       | 13.32                       |
| Rows Deep/Fins per Inch        | 2/28                        | 2/28                        | 2/16                        | 2/29                        | 2/29                        | 2/29                        |
| <b>COMPRESSOR</b>              |                             |                             |                             |                             |                             |                             |
| Quantity / Type                | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                  | 1 / Scroll                  |
| Stage                          | Single                      | Single                      | Single                      | Single                      | Single                      | Single                      |
| Compressor RLA/LRA             | 26.4 / 134                  | 26.4 / 134                  | 26.4 / 134                  | 26.4 / 134                  | 26.4 / 134                  | 26.4 / 134                  |
| <b>ELECTRICAL DATA</b>         |                             |                             |                             |                             |                             |                             |
| Voltage-Phase-Frequency        | 208/230-1-60                | 208/230-1-60                | 208/230-1-60                | 208/230-1-60                | 208/230-1-60                | 208/230-1-60                |
| Indoor Blower FLA/LRA          | 7.6                         | 7.6                         | 7.6                         | 7.6                         | 7.6                         | 7.6                         |
| Outdoor Fan FLA/LRA            | 1.4/ 2.9                    | 1.4/ 2.9                    | 1.4/ 2.9                    | 1.4/ 2.9                    | 1.4/ 2.9                    | 1.4/ 2.9                    |
| Total Unit Amps                | 35.4                        | 35.4                        | 35.4                        | 35.4                        | 35.4                        | 35.4                        |
| Min. Circuit Ampacity          | 42                          | 42                          | 42                          | 42                          | 42                          | 42                          |
| Max. Overcurrent Protection    | 60 amps                     | 60 amps                     | 60 amps                     | 60 amps                     | 60 amps                     | 60 amps                     |
| Entrance Size Power Supply     | 1½"                         | 1½"                         | 1½"                         | 1½"                         | 1½"                         | 1½"                         |
| Entrance Size Control Voltage  | ⅞"                          | ⅞"                          | ⅞"                          | ⅞"                          | ⅞"                          | ⅞"                          |
| Operating / Ship Weights (lbs) | 474 / 505                   | 466 / 500                   | 543 / 565                   | 466 / 505                   | 476 / 510                   | 466 / 505                   |

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

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

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

# EXPANDED COOLING DATA — GP61324\*\*\*M41

|      |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      |         | 65                          |      |      |      | 75   |      |      |      | 85   |      |      |      | 95   |      |      |      | 105  |      |      |      | 115  |      |      |      |      |      |      |      |      |      |      |      |      |
| IDB  | AIRFLOW | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   |      |
| 70   | 890     | MBh                         | 23.5 | 24.4 | 26.7 | -    | 23.0 | 23.8 | 26.1 | -    | 22.4 | 23.2 | 25.5 | -    | 21.9 | 22.7 | 24.8 | -    | 20.8 | 21.5 | 23.6 | -    | 19.3 | 20.0 | 21.9 | -    | 19.3 | 20.0 | 21.9 | -    | 19.3 | 20.0 | 21.9 | -    |
|      |         | S/T                         | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | -    | 0.9  | 0.8  | 0.5  | -    | 0.9  | 0.8  | 0.5  | -    | 0.9  | 0.8  | 0.5  | -    |
|      |         | ΔT                          | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    |
|      |         | kW                          | 1.7  | 1.7  | 1.8  | -    | 1.8  | 1.9  | 1.9  | -    | 1.9  | 2.0  | 2.0  | -    | 2.0  | 2.1  | 2.1  | -    | 2.1  | 2.2  | 2.2  | -    | 2.2  | 2.2  | 2.3  | -    | 2.2  | 2.2  | 2.3  | -    | 2.2  | 2.2  | 2.3  | -    |
|      |         | Amps                        | 6.7  | 6.8  | 7.0  | -    | 7.1  | 7.3  | 7.5  | -    | 7.7  | 7.9  | 8.1  | -    | 8.2  | 8.4  | 8.6  | -    | 8.7  | 8.9  | 9.1  | -    | 9.2  | 9.4  | 9.7  | -    | 9.2  | 9.4  | 9.7  | -    | 9.2  | 9.4  | 9.7  | -    |
| 70   | 790     | Hi Pr                       | 243  | 262  | 276  | -    | 273  | 294  | 310  | -    | 310  | 334  | 353  | -    | 353  | 380  | 402  | -    | 398  | 428  | 452  | -    | 439  | 473  | 499  | -    | 439  | 473  | 499  | -    | 439  | 473  | 499  | -    |
|      |         | Lo Pr                       | 112  | 119  | 130  | -    | 119  | 126  | 138  | -    | 123  | 131  | 143  | -    | 129  | 138  | 150  | -    | 136  | 144  | 158  | -    | 140  | 149  | 163  | -    | 140  | 149  | 163  | -    | 140  | 149  | 163  | -    |
|      |         | MBh                         | 22.8 | 23.7 | 25.9 | -    | 22.3 | 23.1 | 25.3 | -    | 21.8 | 22.6 | 24.7 | -    | 21.2 | 22.0 | 24.1 | -    | 20.2 | 20.9 | 22.9 | -    | 18.7 | 19.4 | 21.2 | -    | 18.7 | 19.4 | 21.2 | -    | 18.7 | 19.4 | 21.2 | -    |
|      |         | S/T                         | 0.8  | 0.6  | 0.4  | -    | 0.8  | 0.6  | 0.4  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | -    |
|      |         | ΔT                          | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 18   | 13   | -    | 20   | 18   | 13   | -    | 20   | 17   | 13   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    |
| 70   | 790     | kW                          | 1.7  | 1.7  | 1.8  | -    | 1.8  | 1.8  | 1.9  | -    | 1.9  | 2.0  | 2.0  | -    | 2.0  | 2.1  | 2.1  | -    | 2.1  | 2.1  | 2.2  | -    | 2.2  | 2.2  | 2.3  | -    | 2.2  | 2.2  | 2.3  | -    | 2.2  | 2.2  | 2.3  | -    |
|      |         | Amps                        | 6.6  | 6.7  | 6.9  | -    | 7.1  | 7.2  | 7.5  | -    | 7.6  | 7.8  | 8.0  | -    | 8.1  | 8.3  | 8.6  | -    | 8.6  | 8.8  | 9.1  | -    | 9.1  | 9.3  | 9.6  | -    | 9.1  | 9.3  | 9.6  | -    | 9.1  | 9.3  | 9.6  | -    |
|      |         | Hi Pr                       | 241  | 259  | 274  | -    | 270  | 291  | 307  | -    | 307  | 331  | 349  | -    | 350  | 377  | 398  | -    | 394  | 424  | 447  | -    | 435  | 468  | 494  | -    | 435  | 468  | 494  | -    | 435  | 468  | 494  | -    |
|      |         | Lo Pr                       | 111  | 118  | 129  | -    | 117  | 125  | 136  | -    | 122  | 130  | 142  | -    | 128  | 136  | 149  | -    | 134  | 143  | 156  | -    | 139  | 148  | 161  | -    | 139  | 148  | 161  | -    | 139  | 148  | 161  | -    |
|      |         | 690                         | 790  | MBh  | 21.1 | 21.8 | 23.9 | -    | 20.6 | 21.3 | 23.4 | -    | 20.1 | 20.8 | 22.8 | -    | 19.6 | 20.3 | 22.3 | -    | 18.6 | 19.3 | 21.1 | -    | 17.3 | 17.9 | 19.6 | -    | 17.3 | 17.9 | 19.6 | -    | 17.3 | 17.9 |
| S/T  | 0.7     |                             |      | 0.6  | 0.4  | -    | 0.7  | 0.6  | 0.4  | -    | 0.8  | 0.6  | 0.4  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    |
| ΔT   | 20      |                             |      | 18   | 13   | -    | 21   | 18   | 14   | -    | 21   | 18   | 14   | -    | 21   | 18   | 14   | -    | 20   | 18   | 13   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    |
| kW   | 1.6     |                             |      | 1.7  | 1.7  | -    | 1.8  | 1.8  | 1.9  | -    | 1.9  | 1.9  | 2.0  | -    | 2.0  | 2.0  | 2.1  | -    | 2.0  | 2.1  | 2.2  | -    | 2.1  | 2.2  | 2.2  | -    | 2.1  | 2.2  | 2.2  | -    | 2.1  | 2.2  | 2.2  | -    |
| Amps | 6.4     |                             |      | 6.6  | 6.8  | -    | 6.9  | 7.1  | 7.3  | -    | 7.4  | 7.6  | 7.8  | -    | 7.9  | 8.1  | 8.3  | -    | 8.4  | 8.6  | 8.8  | -    | 8.8  | 9.0  | 9.3  | -    | 8.8  | 9.0  | 9.3  | -    | 8.8  | 9.0  | 9.3  | -    |
| 690  | 790     | Hi Pr                       | 233  | 251  | 265  | -    | 262  | 282  | 298  | -    | 298  | 321  | 339  | -    | 339  | 365  | 386  | -    | 382  | 411  | 434  | -    | 422  | 454  | 479  | -    | 422  | 454  | 479  | -    | 422  | 454  | 479  | -    |
|      |         | Lo Pr                       | 108  | 115  | 125  | -    | 114  | 121  | 132  | -    | 118  | 126  | 137  | -    | 124  | 132  | 144  | -    | 130  | 139  | 151  | -    | 135  | 143  | 157  | -    | 135  | 143  | 157  | -    | 135  | 143  | 157  | -    |

|     |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75  | 890   | MBh   | 23.9 | 24.6 | 26.7 | 28.6 | 23.4 | 24.1 | 26.0 | 27.9 | 22.8 | 23.5 | 25.4 | 27.3 | 22.2 | 22.9 | 24.8 | 26.6 | 21.1 | 21.8 | 23.6 | 25.3 | 19.6 | 20.2 | 21.8 | 23.4 |      |
|     |       | S/T   | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 1.0  | 0.9  | 0.6  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  |      |
|     |       | ΔT    | 22   | 20   | 17   | 12   | 22   | 21   | 17   | 12   | 22   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 22   | 20   | 17   | 12   | 20   | 19   | 16   | 11   |      |
|     |       | kW    | 1.7  | 1.7  | 1.8  | 1.8  | 1.8  | 1.9  | 1.9  | 2.0  | 2.1  | 1.9  | 2.0  | 2.0  | 2.1  | 2.0  | 2.1  | 2.2  | 2.2  | 2.1  | 2.2  | 2.2  | 2.3  | 2.2  | 2.2  | 2.3  | 2.4  |
|     |       | Amps  | 6.7  | 6.9  | 7.1  | 7.3  | 7.2  | 7.4  | 7.6  | 7.8  | 8.2  | 7.8  | 7.9  | 8.2  | 8.5  | 8.3  | 8.4  | 8.7  | 9.0  | 8.7  | 8.9  | 9.2  | 9.6  | 9.2  | 9.4  | 9.7  | 10.1 |
| 75  | Hi Pr | Lo Pr | 246  | 264  | 279  | 291  | 276  | 297  | 313  | 327  | 313  | 337  | 356  | 371  | 357  | 384  | 406  | 423  | 402  | 432  | 456  | 476  | 444  | 478  | 504  | 526  |      |
|     |       | Lo Pr | 113  | 121  | 132  | 140  | 120  | 127  | 139  | 148  | 124  | 132  | 145  | 154  | 151  | 131  | 139  | 152  | 162  | 137  | 146  | 159  | 170  | 142  | 151  | 165  | 175  |
|     |       | MBh   | 23.2 | 23.9 | 25.9 | 27.8 | 22.7 | 23.4 | 25.3 | 27.1 | 22.1 | 22.8 | 24.7 | 26.5 | 21.6 | 22.2 | 22.9 | 24.1 | 25.8 | 20.5 | 21.1 | 22.9 | 24.5 | 19.0 | 19.6 | 21.2 | 22.7 |
|     |       | S/T   | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.9  | 0.7  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  |      |
|     |       | ΔT    | 23   | 21   | 17   | 12   | 23   | 22   | 18   | 12   | 23   | 22   | 18   | 12   | 24   | 22   | 18   | 12   | 12   | 23   | 21   | 18   | 12   | 22   | 20   | 16   | 11   |
| 75  | kW    | Lo Pr | 1.7  | 1.7  | 1.8  | 1.8  | 1.8  | 1.9  | 1.9  | 2.0  | 1.9  | 2.0  | 2.0  | 2.1  | 2.0  | 2.1  | 2.1  | 2.2  | 2.1  | 2.2  | 2.2  | 2.3  | 2.2  | 2.2  | 2.3  | 2.4  |      |
|     |       | Amps  | 6.7  | 6.8  | 7.0  | 7.2  | 7.1  | 7.3  | 7.5  | 7.8  | 7.7  | 7.9  | 8.1  | 8.4  | 8.2  | 8.4  | 8.6  | 8.9  | 8.7  | 8.9  | 9.1  | 9.5  | 9.2  | 9.4  | 9.7  | 10.0 |      |
|     |       | Hi Pr | 243  | 262  | 276  | 288  | 273  | 294  | 310  | 323  | 310  | 334  | 353  | 368  | 353  | 380  | 402  | 419  | 398  | 428  | 452  | 471  | 439  | 473  | 499  | 521  |      |
|     |       | Lo Pr | 112  | 119  | 130  | 139  | 119  | 126  | 138  | 147  | 123  | 131  | 143  | 152  | 129  | 138  | 150  | 160  | 160  | 136  | 144  | 158  | 168  | 140  | 149  | 163  | 174  |
|     |       | MBh   | 21.4 | 22.1 | 23.9 | 25.6 | 20.9 | 21.6 | 23.3 | 25.0 | 20.4 | 21.0 | 22.8 | 24.4 | 19.9 | 20.5 | 22.2 | 23.8 | 18.9 | 19.5 | 21.1 | 22.7 | 17.5 | 18.1 | 19.6 | 21.0 |      |
| 690 | kW    | S/T   | 0.8  | 0.7  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  |      |
|     |       | 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    | 1.7  | 1.7  | 1.7  | 1.8  | 1.8  | 1.8  | 1.9  | 1.9  | 1.9  | 1.9  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.1  | 2.2  | 2.1  | 2.1  | 2.2  | 2.2  | 2.1  | 2.2  | 2.3  |      |
|     |       | Amps  | 6.5  | 6.6  | 6.8  | 7.1  | 7.0  | 7.1  | 7.3  | 7.6  | 7.5  | 7.7  | 7.9  | 8.2  | 8.0  | 8.2  | 8.4  | 8.7  | 8.7  | 8.5  | 8.6  | 8.9  | 9.2  | 8.9  | 9.1  | 9.4  | 9.7  |
|     |       | Hi Pr | 236  | 254  | 268  | 280  | 265  | 285  | 301  | 314  | 301  | 324  | 342  | 357  | 343  | 369  | 390  | 406  | 386  | 415  | 438  | 457  | 426  | 459  | 484  | 505  |      |
| 690 | Lo Pr | 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  |      |

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

Shaded area reflects ACCA (TVA) conditions.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)  
kW = Total system power



# EXPANDED COOLING DATA — GP61330\*\*\*M41

|     |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
|-----|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
|     |         | 65                          |      |      |      | 75   |      |      |      | 85   |      |      |      | 95   |      |      |      | 105  |      |      |      | 115  |      |      |      |      |      |      |      |   |
| IDB | AIRFLOW | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   |   |
| 70  | 1125    | MBh                         | 28.0 | 29.0 | 31.8 | -    | 27.4 | 28.4 | 31.1 | -    | 26.7 | 27.7 | 30.3 | -    | 26.1 | 27.0 | 29.6 | -    | 24.8 | 25.7 | 28.1 | -    | 22.9 | 23.8 | 26.1 | -    | 22.9 | 23.8 | 26.1 | - |
|     |         | S/T                         | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | -    | 0.9  | 0.8  | 0.5  | -    | 0.9  | 0.8  | 0.5  | -    | 0.9  | 0.8  | 0.5  | - |
|     |         | ΔT                          | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 19   | 16   | 12   | -    | 18   | 16   | 12   | -    | 17   | 15   | 11   | -    | 17   | 15   | 11   | - |
|     |         | kW                          | 2.1  | 2.1  | 2.2  | -    | 2.2  | 2.3  | 2.4  | -    | 2.4  | 2.4  | 2.5  | -    | 2.5  | 2.5  | 2.6  | -    | 2.6  | 2.6  | 2.7  | -    | 2.7  | 2.7  | 2.8  | -    | 2.7  | 2.7  | 2.8  | - |
|     |         | Amps                        | 7.7  | 7.9  | 8.1  | -    | 8.3  | 8.5  | 8.7  | -    | 8.9  | 9.1  | 9.4  | -    | 9.5  | 9.7  | 10.0 | -    | 10.1 | 10.3 | 10.7 | -    | 10.7 | 10.9 | 11.3 | -    | 10.7 | 10.9 | 11.3 | - |
|     |         | Hi Pr                       | 238  | 256  | 271  | -    | 267  | 288  | 304  | -    | 304  | 327  | 345  | -    | 346  | 373  | 393  | -    | 390  | 419  | 443  | -    | 430  | 463  | 489  | -    | 430  | 463  | 489  | - |
|     | 1000    | Lo Pr                       | 114  | 122  | 133  | -    | 121  | 129  | 140  | -    | 126  | 134  | 146  | -    | 132  | 140  | 153  | -    | 138  | 147  | 161  | -    | 143  | 152  | 166  | -    | 143  | 152  | 166  | - |
|     |         | MBh                         | 27.2 | 28.2 | 30.9 | -    | 26.6 | 27.5 | 30.2 | -    | 25.9 | 26.9 | 29.5 | -    | 25.3 | 26.2 | 28.7 | -    | 24.0 | 24.9 | 27.3 | -    | 22.3 | 23.1 | 25.3 | -    | 22.3 | 23.1 | 25.3 | - |
|     |         | S/T                         | 0.8  | 0.6  | 0.4  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | - |
|     |         | ΔT                          | 19   | 16   | 12   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 19   | 16   | 13   | -    | 18   | 15   | 12   | -    | 18   | 15   | 12   | - |
|     |         | kW                          | 2.1  | 2.1  | 2.2  | -    | 2.2  | 2.3  | 2.3  | -    | 2.4  | 2.4  | 2.5  | -    | 2.5  | 2.5  | 2.6  | -    | 2.6  | 2.6  | 2.7  | -    | 2.7  | 2.7  | 2.8  | -    | 2.7  | 2.7  | 2.8  | - |
|     |         | Amps                        | 7.6  | 7.8  | 8.0  | -    | 8.2  | 8.4  | 8.6  | -    | 8.9  | 9.1  | 9.4  | -    | 9.4  | 9.7  | 10.0 | -    | 10.0 | 10.2 | 10.6 | -    | 10.6 | 10.8 | 11.2 | -    | 10.6 | 10.8 | 11.2 | - |
| 875 | Hi Pr   | 236                         | 254  | 268  | -    | 265  | 285  | 301  | -    | 301  | 324  | 342  | -    | 343  | 369  | 390  | -    | 386  | 415  | 438  | -    | 426  | 459  | 484  | -    | 426  | 459  | 484  | -    |   |
|     | Lo Pr   | 113                         | 120  | 131  | -    | 120  | 127  | 139  | -    | 124  | 132  | 144  | -    | 131  | 139  | 152  | -    | 137  | 146  | 159  | -    | 142  | 151  | 164  | -    | 142  | 151  | 164  | -    |   |
|     | MBh     | 25.1                        | 26.0 | 28.5 | -    | 24.5 | 25.4 | 27.9 | -    | 23.9 | 24.8 | 27.2 | -    | 23.4 | 24.2 | 26.5 | -    | 22.2 | 23.0 | 25.2 | -    | 20.6 | 21.3 | 23.3 | -    | 20.6 | 21.3 | 23.3 | -    |   |
|     | S/T     | 0.7                         | 0.6  | 0.4  | -    | 0.8  | 0.6  | 0.4  | -    | 0.8  | 0.6  | 0.4  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    |   |
|     | ΔT      | 19                          | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 19   | 17   | 13   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    |   |
|     | kW      | 2.0                         | 2.1  | 2.1  | -    | 2.2  | 2.2  | 2.3  | -    | 2.3  | 2.3  | 2.4  | -    | 2.4  | 2.5  | 2.5  | -    | 2.5  | 2.6  | 2.6  | -    | 2.6  | 2.6  | 2.7  | -    | 2.6  | 2.6  | 2.7  | -    |   |
|     | Amps    | 7.4                         | 7.6  | 7.8  | -    | 8.0  | 8.2  | 8.4  | -    | 8.6  | 8.8  | 9.1  | -    | 9.2  | 9.4  | 9.7  | -    | 9.7  | 10.0 | 10.3 | -    | 10.3 | 10.5 | 10.9 | -    | 10.3 | 10.5 | 10.9 | -    |   |
|     | Hi Pr   | 229                         | 246  | 260  | -    | 257  | 276  | 292  | -    | 292  | 314  | 332  | -    | 333  | 358  | 378  | -    | 374  | 403  | 425  | -    | 413  | 445  | 470  | -    | 413  | 445  | 470  | -    |   |
|     | Lo Pr   | 110                         | 117  | 128  | -    | 116  | 123  | 135  | -    | 121  | 128  | 140  | -    | 127  | 135  | 147  | -    | 133  | 141  | 154  | -    | 137  | 146  | 159  | -    | 137  | 146  | 159  | -    |   |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1125  | MBh   | 28.5 | 29.3 | 31.8 | 34.1 | 27.8 | 28.7 | 31.0 | 33.3 | 27.2 | 28.0 | 30.3 | 32.5 | 26.5 | 27.3 | 29.5 | 31.7 | 25.2 | 25.9 | 28.1 | 30.1 | 23.3 | 24.0 | 26.0 | 27.9 |
|       | S/T   | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 1.0  | 0.9  | 0.6  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  | 1.0  | 0.9  | 0.7  | 0.5  |
|       | ΔT    | 21   | 19   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 19   | 16   | 11   | 19   | 18   | 15   | 10   |
|       | kW    | 2.1  | 2.1  | 2.2  | 2.3  | 2.3  | 2.3  | 2.4  | 2.4  | 2.4  | 2.4  | 2.5  | 2.6  | 2.5  | 2.6  | 2.6  | 2.7  | 2.6  | 2.7  | 2.7  | 2.8  | 2.7  | 2.8  | 2.8  | 2.9  |
|       | Amps  | 7.8  | 7.9  | 8.2  | 8.5  | 8.3  | 8.5  | 8.8  | 9.1  | 9.0  | 9.2  | 9.5  | 9.9  | 9.6  | 9.8  | 10.1 | 10.5 | 10.2 | 10.4 | 10.8 | 11.2 | 10.8 | 11.0 | 11.4 | 11.8 |
|       | Hi Pr | 241  | 259  | 273  | 285  | 270  | 291  | 307  | 320  | 307  | 330  | 349  | 364  | 350  | 376  | 397  | 415  | 393  | 423  | 447  | 466  | 435  | 468  | 494  | 515  |
|       | Lo Pr | 116  | 123  | 134  | 143  | 122  | 130  | 142  | 151  | 127  | 135  | 147  | 157  | 133  | 142  | 155  | 165  | 140  | 149  | 162  | 173  | 144  | 154  | 168  | 179  |
|       | MBh   | 27.7 | 28.5 | 30.8 | 33.1 | 27.0 | 27.8 | 30.1 | 32.3 | 26.4 | 27.2 | 29.4 | 31.6 | 25.7 | 26.5 | 28.7 | 30.8 | 24.5 | 25.2 | 27.3 | 29.2 | 22.7 | 23.3 | 25.2 | 27.1 |
|       | S/T   | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  |
|       | 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   |
| 1000  | kW    | 2.1  | 2.1  | 2.2  | 2.3  | 2.2  | 2.3  | 2.4  | 2.4  | 2.4  | 2.4  | 2.5  | 2.6  | 2.5  | 2.6  | 2.7  | 2.6  | 2.6  | 2.6  | 2.7  | 2.8  | 2.7  | 2.8  | 2.9  | 2.9  |
|       | Amps  | 7.7  | 7.9  | 8.1  | 8.4  | 8.3  | 8.5  | 8.7  | 9.0  | 8.9  | 9.1  | 9.4  | 9.8  | 9.5  | 9.7  | 10.1 | 10.4 | 10.1 | 10.3 | 10.7 | 11.1 | 10.7 | 10.9 | 11.3 | 11.7 |
|       | Hi Pr | 238  | 256  | 271  | 282  | 267  | 288  | 304  | 317  | 304  | 327  | 346  | 360  | 346  | 373  | 394  | 410  | 390  | 419  | 443  | 462  | 430  | 463  | 489  | 510  |
|       | Lo Pr | 114  | 122  | 133  | 141  | 121  | 129  | 140  | 149  | 126  | 134  | 146  | 155  | 132  | 140  | 153  | 163  | 138  | 147  | 161  | 171  | 143  | 152  | 166  | 177  |
|       | MBh   | 25.5 | 26.3 | 28.5 | 30.5 | 24.9 | 25.7 | 27.8 | 29.8 | 24.4 | 25.1 | 27.1 | 29.1 | 23.8 | 24.5 | 26.5 | 28.4 | 22.6 | 23.2 | 25.2 | 27.0 | 20.9 | 21.5 | 23.3 | 25.0 |
|       | S/T   | 0.8  | 0.7  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 1.0  | 0.9  | 0.6  | 0.4  |
|       | 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    | 2.0  | 2.1  | 2.1  | 2.2  | 2.2  | 2.2  | 2.3  | 2.4  | 2.3  | 2.4  | 2.4  | 2.5  | 2.4  | 2.5  | 2.6  | 2.6  | 2.5  | 2.6  | 2.7  | 2.7  | 2.6  | 2.7  | 2.7  | 2.8  |
|       | Amps  | 7.5  | 7.7  | 7.9  | 8.2  | 8.1  | 8.2  | 8.5  | 8.8  | 8.7  | 8.9  | 9.2  | 9.5  | 9.3  | 9.5  | 9.8  | 10.1 | 9.8  | 10.1 | 10.4 | 10.8 | 10.4 | 10.6 | 11.0 | 11.4 |
|       | Hi Pr | 231  | 249  | 263  | 274  | 259  | 279  | 295  | 307  | 295  | 317  | 335  | 350  | 336  | 361  | 382  | 398  | 378  | 407  | 429  | 448  | 418  | 449  | 474  | 495  |
| Lo Pr | 111   | 118  | 129  | 137  | 117  | 125  | 136  | 145  | 122  | 130  | 141  | 151  | 128  | 136  | 149  | 158  | 134  | 143  | 156  | 166  | 139  | 148  | 161  | 172  |      |
| 875   | MBh   | 25.5 | 26.3 | 28.5 | 30.5 | 24.9 | 25.7 | 27.8 | 29.8 | 24.4 | 25.1 | 27.1 | 29.1 | 23.8 | 24.5 | 26.5 | 28.4 | 22.6 | 23.2 | 25.2 | 27.0 | 20.9 | 21.5 | 23.3 | 25.0 |
|       | S/T   | 0.8  | 0.7  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 1.0  | 0.9  | 0.6  | 0.4  |
|       | 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    | 2.0  | 2.1  | 2.1  | 2.2  | 2.2  | 2.2  | 2.3  | 2.4  | 2.3  | 2.4  | 2.4  | 2.5  | 2.4  | 2.5  | 2.6  | 2.6  | 2.5  | 2.6  | 2.7  | 2.7  | 2.6  | 2.7  | 2.7  | 2.8  |
|       | Amps  | 7.5  | 7.7  | 7.9  | 8.2  | 8.1  | 8.2  | 8.5  | 8.8  | 8.7  | 8.9  | 9.2  | 9.5  | 9.3  | 9.5  | 9.8  | 10.1 | 9.8  | 10.1 | 10.4 | 10.8 | 10.4 | 10.6 | 11.0 | 11.4 |
|       | Hi Pr | 231  | 249  | 263  | 274  | 259  | 279  | 295  | 307  | 295  | 317  | 335  | 350  | 336  | 361  | 382  | 398  | 378  | 407  | 429  | 448  | 418  | 449  | 474  | 495  |
|       | Lo Pr | 111  | 118  | 129  | 137  | 117  | 125  | 136  | 145  | 122  | 130  | 141  | 151  | 128  | 136  | 149  | 158  | 134  | 143  | 156  | 166  | 139  | 148  | 161  | 172  |

# EXPANDED COOLING DATA — GPG1330\*\*\*M41 (CONT.)

| IDB  |       | AIRFLOW |      | OUTDOOR AMBIENT TEMPERATURE          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |
|------|-------|---------|------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
|      |       |         |      | 65                                   |      |      |      | 75   |      |      |      | 85   |      |      |      | 95   |      |      |      | 105  |      |      |      | 115  |      |  |  |
|      |       |         |      | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |
| 1125 | MBh   | 29.0    | 29.6 | 31.7                                 | 33.9 | 28.3 | 29.0 | 30.9 | 33.1 | 27.7 | 28.3 | 30.2 | 32.3 | 27.0 | 27.6 | 29.5 | 31.5 | 25.6 | 26.2 | 28.0 | 29.9 | 23.7 | 24.3 | 25.9 | 27.7 |  |  |
|      | S/T   | 1.0     | 0.9  | 0.8                                  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.9  | 0.6  | 1.0  | 1.0  | 0.9  | 0.6  |  |  |
|      | ΔT    | 24      | 22   | 20                                   | 16   | 23   | 23   | 20   | 16   | 22   | 23   | 20   | 16   | 22   | 23   | 20   | 16   | 21   | 21   | 20   | 16   | 19   | 20   | 18   | 15   |  |  |
|      | kW    | 2.1     | 2.2  | 2.2                                  | 2.3  | 2.3  | 2.3  | 2.4  | 2.5  | 2.4  | 2.5  | 2.5  | 2.6  | 2.5  | 2.6  | 2.7  | 2.7  | 2.6  | 2.7  | 2.8  | 2.9  | 2.7  | 2.8  | 2.9  | 3.0  |  |  |
|      | Amps  | 7.8     | 8.0  | 8.2                                  | 8.5  | 8.4  | 8.6  | 8.9  | 9.2  | 9.1  | 9.3  | 9.6  | 9.9  | 9.7  | 9.9  | 10.2 | 10.6 | 10.3 | 10.5 | 10.9 | 11.3 | 10.9 | 11.1 | 11.5 | 11.9 |  |  |
| 1000 | Hi Pr | 243     | 262  | 276                                  | 288  | 273  | 294  | 310  | 323  | 310  | 334  | 352  | 368  | 353  | 380  | 401  | 419  | 397  | 428  | 452  | 471  | 439  | 473  | 499  | 520  |  |  |
|      | Lo Pr | 117     | 124  | 136                                  | 144  | 123  | 131  | 143  | 152  | 128  | 136  | 149  | 158  | 135  | 143  | 156  | 166  | 141  | 150  | 164  | 174  | 146  | 155  | 169  | 180  |  |  |
|      | MBh   | 28.2    | 28.8 | 30.7                                 | 32.9 | 27.5 | 28.1 | 30.0 | 32.1 | 26.9 | 27.4 | 29.3 | 31.3 | 26.2 | 26.8 | 28.6 | 30.6 | 24.9 | 25.4 | 27.2 | 29.0 | 23.1 | 23.6 | 25.2 | 26.9 |  |  |
|      | S/T   | 0.9     | 0.9  | 0.7                                  | 0.5  | 1.0  | 0.9  | 0.7  | 0.6  | 1.0  | 0.9  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  |  |  |
|      | ΔT    | 24      | 23   | 20                                   | 16   | 25   | 24   | 21   | 16   | 25   | 24   | 21   | 16   | 24   | 24   | 21   | 17   | 23   | 23   | 20   | 16   | 21   | 22   | 19   | 15   |  |  |
| 875  | kW    | 2.1     | 2.1  | 2.2                                  | 2.3  | 2.3  | 2.3  | 2.4  | 2.4  | 2.4  | 2.4  | 2.5  | 2.6  | 2.5  | 2.6  | 2.6  | 2.7  | 2.6  | 2.7  | 2.7  | 2.8  | 2.7  | 2.8  | 2.8  | 2.9  |  |  |
|      | Amps  | 7.8     | 7.9  | 8.2                                  | 8.5  | 8.3  | 8.5  | 8.8  | 9.1  | 9.0  | 9.2  | 9.5  | 9.9  | 9.6  | 9.8  | 10.1 | 10.5 | 10.2 | 10.4 | 10.8 | 11.2 | 10.8 | 11.0 | 11.4 | 11.8 |  |  |
|      | Hi Pr | 241     | 259  | 273                                  | 285  | 270  | 291  | 307  | 320  | 307  | 331  | 349  | 364  | 350  | 376  | 398  | 415  | 394  | 423  | 447  | 466  | 435  | 468  | 494  | 515  |  |  |
|      | Lo Pr | 116     | 123  | 134                                  | 143  | 122  | 130  | 142  | 151  | 127  | 135  | 147  | 157  | 133  | 142  | 155  | 165  | 140  | 149  | 162  | 173  | 144  | 154  | 168  | 179  |  |  |
|      | MBh   | 26.0    | 26.6 | 28.4                                 | 30.3 | 25.4 | 25.9 | 27.7 | 29.6 | 24.8 | 25.3 | 27.1 | 28.9 | 24.2 | 24.7 | 26.4 | 28.2 | 23.0 | 23.5 | 25.1 | 26.8 | 21.3 | 21.7 | 23.2 | 24.8 |  |  |
| 85   | S/T   | 0.9     | 0.9  | 0.7                                  | 0.5  | 0.9  | 0.9  | 0.7  | 0.5  | 1.0  | 0.9  | 0.7  | 0.6  | 1.0  | 0.9  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  |  |  |
|      | ΔT    | 25      | 24   | 21                                   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 23   | 22   | 19   | 16   |  |  |
|      | kW    | 2.1     | 2.1  | 2.2                                  | 2.2  | 2.2  | 2.2  | 2.3  | 2.4  | 2.3  | 2.4  | 2.5  | 2.5  | 2.4  | 2.5  | 2.6  | 2.7  | 2.5  | 2.6  | 2.7  | 2.8  | 2.6  | 2.7  | 2.8  | 2.9  |  |  |
|      | Amps  | 7.6     | 7.7  | 8.0                                  | 8.2  | 8.1  | 8.3  | 8.6  | 8.9  | 8.8  | 9.0  | 9.3  | 9.6  | 9.4  | 9.6  | 9.9  | 10.2 | 9.9  | 10.2 | 10.5 | 10.9 | 10.5 | 10.7 | 11.1 | 11.5 |  |  |
|      | 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  |  |  |
| 85   | Lo Pr | 112     | 119  | 130                                  | 139  | 118  | 126  | 137  | 146  | 123  | 131  | 143  | 152  | 129  | 137  | 150  | 160  | 135  | 144  | 157  | 168  | 140  | 149  | 163  | 173  |  |  |

|       | 1125 | MBh   | 29.5 | 30.1 | 31.5 | 33.6 | 28.8 | 29.4 | 30.8 | 32.8 | 28.1 | 28.7 | 30.0 | 32.1 | 27.5 | 28.0 | 29.3 | 31.3 | 26.1 | 26.6 | 27.8 | 29.7 | 24.2 | 24.6 | 25.8 | 27.5 |     |
|-------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
|       |      | S/T   | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.8  | 1.0  | 1.0  | 1.0  | 0.8  | 1.0  | 1.0  | 1.0  | 0.8  | 1.0  | 1.0  | 1.0  | 0.8  | 1.0  | 1.0  | 1.0  | 0.8  |     |
|       |      | ΔT    | 24   | 25   | 23   | 20   | 24   | 24   | 24   | 20   | 23   | 23   | 24   | 20   | 22   | 23   | 24   | 21   | 21   | 22   | 23   | 20   | 20   | 20   | 21   | 19   |     |
|       |      | kW    | 2.1  | 2.2  | 2.2  | 2.3  | 2.3  | 2.3  | 2.4  | 2.5  | 2.4  | 2.5  | 2.5  | 2.6  | 2.6  | 2.5  | 2.6  | 2.7  | 2.8  | 2.6  | 2.7  | 2.8  | 2.9  | 2.7  | 2.8  | 2.9  | 3.0 |
|       |      | Amps  | 7.9  | 8.1  | 8.3  | 8.6  | 8.5  | 8.7  | 8.9  | 9.3  | 9.2  | 9.4  | 9.7  | 10.0 | 9.8  | 10.0 | 10.3 | 10.7 | 10.4 | 10.6 | 11.0 | 11.4 | 11.0 | 11.2 | 11.6 | 12.0 |     |
| 85    | 1000 | Hi Pr | 245  | 264  | 279  | 291  | 275  | 296  | 313  | 326  | 313  | 337  | 356  | 371  | 357  | 384  | 405  | 423  | 401  | 432  | 456  | 476  | 444  | 477  | 504  | 526  |     |
|       |      | Lo Pr | 118  | 125  | 137  | 146  | 125  | 132  | 145  | 154  | 129  | 138  | 150  | 160  | 136  | 145  | 158  | 168  | 142  | 152  | 165  | 176  | 147  | 157  | 171  | 182  |     |
|       |      | MBh   | 28.7 | 29.2 | 30.6 | 32.6 | 28.0 | 28.5 | 29.9 | 31.9 | 27.3 | 27.9 | 29.2 | 31.1 | 26.7 | 27.2 | 28.5 | 30.4 | 25.3 | 25.8 | 27.0 | 28.8 | 23.5 | 23.9 | 25.0 | 26.7 |     |
|       |      | S/T   | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.8  | 1.0  | 1.0  | 1.0  | 0.8  | 1.0  | 1.0  | 0.8  |     |
|       |      | ΔT    | 26   | 26   | 24   | 21   | 26   | 26   | 25   | 21   | 25   | 26   | 25   | 21   | 25   | 25   | 25   | 21   | 23   | 24   | 24   | 21   | 22   | 22   | 23   | 20   |     |
|       | 875  | kW    | 2.1  | 2.2  | 2.2  | 2.3  | 2.3  | 2.3  | 2.4  | 2.5  | 2.4  | 2.5  | 2.5  | 2.6  | 2.5  | 2.6  | 2.7  | 2.7  | 2.6  | 2.7  | 2.8  | 2.9  | 2.7  | 2.8  | 2.9  | 3.0  |     |
|       |      | Amps  | 7.8  | 8.0  | 8.2  | 8.5  | 8.4  | 8.6  | 8.9  | 9.2  | 9.1  | 9.3  | 9.6  | 9.9  | 9.7  | 9.9  | 10.2 | 10.6 | 10.3 | 10.5 | 10.9 | 11.3 | 10.9 | 11.1 | 11.5 | 11.9 |     |
|       |      | Hi Pr | 243  | 262  | 276  | 288  | 273  | 294  | 310  | 323  | 310  | 334  | 352  | 368  | 353  | 380  | 401  | 419  | 397  | 428  | 452  | 471  | 439  | 473  | 499  | 520  |     |
|       |      | Lo Pr | 117  | 124  | 136  | 144  | 123  | 131  | 143  | 152  | 128  | 136  | 149  | 158  | 135  | 143  | 156  | 166  | 141  | 150  | 164  | 174  | 146  | 155  | 169  | 180  |     |
|       |      | MBh   | 26.4 | 27.0 | 28.2 | 30.1 | 25.8 | 26.3 | 27.6 | 29.4 | 25.2 | 25.7 | 26.9 | 28.7 | 24.6 | 25.1 | 26.3 | 28.0 | 23.4 | 23.8 | 25.0 | 26.6 | 21.7 | 22.1 | 23.1 | 24.7 |     |
|       |      | S/T   | 1.0  | 0.9  | 0.8  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.8  | 1.0  | 1.0  | 1.0  | 0.8  |     |
|       |      | ΔT    | 27   | 26   | 25   | 21   | 27   | 26   | 25   | 22   | 26   | 26   | 25   | 22   | 26   | 26   | 25   | 22   | 25   | 25   | 25   | 21   | 23   | 23   | 20   |      |     |
|       |      | kW    | 2.1  | 2.1  | 2.2  | 2.2  | 2.2  | 2.3  | 2.3  | 2.4  | 2.4  | 2.4  | 2.5  | 2.6  | 2.5  | 2.5  | 2.6  | 2.7  | 2.6  | 2.6  | 2.7  | 2.8  | 2.7  | 2.7  | 2.8  | 2.9  |     |
|       |      | Amps  | 7.6  | 7.8  | 8.0  | 8.3  | 8.2  | 8.4  | 8.6  | 8.9  | 8.9  | 9.1  | 9.3  | 9.7  | 9.4  | 9.7  | 10.0 | 10.3 | 10.0 | 10.2 | 10.6 | 11.0 | 10.6 | 10.8 | 11.2 | 11.6 |     |
|       |      | Hi Pr | 236  | 254  | 268  | 279  | 265  | 285  | 301  | 314  | 301  | 324  | 342  | 357  | 343  | 369  | 389  | 406  | 386  | 415  | 438  | 457  | 426  | 458  | 484  | 505  |     |
| Lo Pr | 113  | 120   | 131  | 140  | 120  | 127  | 139  | 148  | 124  | 132  | 144  | 154  | 131  | 139  | 152  | 161  | 137  | 146  | 159  | 169  | 141  | 151  | 164  | 175  |      |      |     |

# EXPANDED COOLING DATA — GPG1336\*\*\*M41

|     |         | OUTDOOR AMBIENT TEMPERATURE          |      |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |      |      |      |     |      |      |      |   |  |     |  |  |  |  |  |
|-----|---------|--------------------------------------|------|------|------|----|------|------|------|----|------|------|------|----|------|------|------|----|------|------|------|----|------|------|------|-----|------|------|------|---|--|-----|--|--|--|--|--|
|     |         | 65                                   |      |      |      |    |      | 75   |      |    |      |      |      | 85 |      |      |      |    |      | 95   |      |    |      |      |      | 105 |      |      |      |   |  | 115 |  |  |  |  |  |
| IDB | AIRFLOW | 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   | 59  | 63   | 67   | 71   |   |  |     |  |  |  |  |  |
| 70  | 1350    | MBh                                  | 35.1 | 36.4 | 39.8 | -  | 34.3 | 35.5 | 38.9 | -  | 33.4 | 34.7 | 38.0 | -  | 32.6 | 33.8 | 37.1 | -  | 31.0 | 32.1 | 35.2 | -  | 28.7 | 29.8 | 32.6 | -   | 28.7 | 29.8 | 32.6 | - |  |     |  |  |  |  |  |
|     |         | S/T                                  | 0.8  | 0.7  | 0.5  | -  | 0.8  | 0.7  | 0.5  | -  | 0.8  | 0.7  | 0.5  | -  | 0.9  | 0.7  | 0.5  | -  | 0.9  | 0.7  | 0.5  | -  | 0.9  | 0.7  | 0.5  | -   | 0.9  | 0.7  | 0.5  | - |  |     |  |  |  |  |  |
|     |         | ΔT                                   | 19   | 16   | 12   | -  | 19   | 16   | 12   | -  | 19   | 16   | 12   | -  | 19   | 16   | 12   | -  | 19   | 16   | 12   | -  | 18   | 15   | 12   | -   | 18   | 15   | 12   | - |  |     |  |  |  |  |  |
|     |         | kW                                   | 2.6  | 2.6  | 2.7  | -  | 2.8  | 2.8  | 2.9  | -  | 2.9  | 3.0  | 3.1  | -  | 3.1  | 3.1  | 3.2  | -  | 3.2  | 3.3  | 3.4  | -  | 3.3  | 3.4  | 3.5  | -   | 3.3  | 3.4  | 3.5  | - |  |     |  |  |  |  |  |
|     |         | Amps                                 | 11.1 | 11.3 | 11.6 | -  | 11.8 | 12.1 | 12.4 | -  | 12.7 | 12.9 | 13.3 | -  | 13.4 | 13.7 | 14.1 | -  | 14.1 | 14.4 | 14.9 | -  | 14.9 | 15.2 | 15.6 | -   | 14.9 | 15.2 | 15.6 | - |  |     |  |  |  |  |  |
|     |         | Hi Pr                                | 249  | 268  | 283  | -  | 280  | 301  | 318  | -  | 318  | 343  | 362  | -  | 363  | 390  | 412  | -  | 408  | 439  | 463  | -  | 451  | 485  | 512  | -   | 451  | 485  | 512  | - |  |     |  |  |  |  |  |
|     |         | Lo Pr                                | 111  | 119  | 129  | -  | 118  | 125  | 137  | -  | 122  | 130  | 142  | -  | 129  | 137  | 149  | -  | 135  | 143  | 156  | -  | 139  | 148  | 162  | -   | 139  | 148  | 162  | - |  |     |  |  |  |  |  |
|     | 1200    | MBh                                  | 34.1 | 35.3 | 38.7 | -  | 33.3 | 34.5 | 37.8 | -  | 32.5 | 33.7 | 36.9 | -  | 31.7 | 32.8 | 36.0 | -  | 30.1 | 31.2 | 34.2 | -  | 27.9 | 28.9 | 31.7 | -   | 27.9 | 28.9 | 31.7 | - |  |     |  |  |  |  |  |
|     |         | S/T                                  | 0.7  | 0.6  | 0.4  | -  | 0.8  | 0.6  | 0.4  | -  | 0.8  | 0.7  | 0.5  | -  | 0.8  | 0.7  | 0.5  | -  | 0.8  | 0.7  | 0.5  | -  | 0.9  | 0.7  | 0.5  | -   | 0.9  | 0.7  | 0.5  | - |  |     |  |  |  |  |  |
|     |         | ΔT                                   | 19   | 17   | 13   | -  | 20   | 17   | 13   | -  | 20   | 17   | 13   | -  | 20   | 17   | 13   | -  | 20   | 17   | 13   | -  | 18   | 16   | 12   | -   | 18   | 16   | 12   | - |  |     |  |  |  |  |  |
|     |         | kW                                   | 2.6  | 2.6  | 2.7  | -  | 2.7  | 2.8  | 2.9  | -  | 2.9  | 3.0  | 3.1  | -  | 3.0  | 3.1  | 3.2  | -  | 3.2  | 3.2  | 3.3  | -  | 3.3  | 3.4  | 3.5  | -   | 3.3  | 3.4  | 3.5  | - |  |     |  |  |  |  |  |
|     |         | Amps                                 | 11.0 | 11.2 | 11.5 | -  | 11.7 | 12.0 | 12.3 | -  | 12.6 | 12.8 | 13.2 | -  | 13.3 | 13.6 | 14.0 | -  | 14.0 | 14.3 | 14.7 | -  | 14.8 | 15.1 | 15.5 | -   | 14.8 | 15.1 | 15.5 | - |  |     |  |  |  |  |  |
|     |         | Hi Pr                                | 247  | 266  | 281  | -  | 277  | 298  | 315  | -  | 315  | 339  | 358  | -  | 359  | 386  | 408  | -  | 404  | 435  | 459  | -  | 446  | 480  | 507  | -   | 446  | 480  | 507  | - |  |     |  |  |  |  |  |
|     |         | Lo Pr                                | 110  | 117  | 128  | -  | 117  | 124  | 135  | -  | 121  | 129  | 141  | -  | 127  | 135  | 148  | -  | 133  | 142  | 155  | -  | 138  | 147  | 160  | -   | 138  | 147  | 160  | - |  |     |  |  |  |  |  |
|     | 1050    | MBh                                  | 31.4 | 32.6 | 35.7 | -  | 30.7 | 31.8 | 34.9 | -  | 30.0 | 31.1 | 34.0 | -  | 29.2 | 30.3 | 33.2 | -  | 27.8 | 28.8 | 31.5 | -  | 25.7 | 26.7 | 29.2 | -   | 25.7 | 26.7 | 29.2 | - |  |     |  |  |  |  |  |
|     |         | S/T                                  | 0.7  | 0.6  | 0.4  | -  | 0.7  | 0.6  | 0.4  | -  | 0.8  | 0.6  | 0.4  | -  | 0.8  | 0.7  | 0.5  | -  | 0.8  | 0.7  | 0.5  | -  | 0.8  | 0.7  | 0.5  | -   | 0.8  | 0.7  | 0.5  | - |  |     |  |  |  |  |  |
|     |         | ΔT                                   | 20   | 17   | 13   | -  | 20   | 17   | 13   | -  | 20   | 17   | 13   | -  | 20   | 17   | 13   | -  | 20   | 17   | 13   | -  | 19   | 16   | 12   | -   | 19   | 16   | 12   | - |  |     |  |  |  |  |  |
|     |         | kW                                   | 2.5  | 2.5  | 2.6  | -  | 2.7  | 2.7  | 2.8  | -  | 2.8  | 2.9  | 3.0  | -  | 3.0  | 3.0  | 3.1  | -  | 3.1  | 3.2  | 3.3  | -  | 3.2  | 3.3  | 3.4  | -   | 3.2  | 3.3  | 3.4  | - |  |     |  |  |  |  |  |
|     |         | Amps                                 | 10.8 | 11.0 | 11.3 | -  | 11.5 | 11.7 | 12.0 | -  | 12.3 | 12.5 | 12.9 | -  | 13.0 | 13.3 | 13.6 | -  | 13.7 | 14.0 | 14.4 | -  | 14.4 | 14.7 | 15.1 | -   | 14.4 | 14.7 | 15.1 | - |  |     |  |  |  |  |  |
|     |         | Hi Pr                                | 240  | 258  | 272  | -  | 269  | 289  | 305  | -  | 306  | 329  | 347  | -  | 348  | 375  | 396  | -  | 392  | 422  | 445  | -  | 433  | 466  | 492  | -   | 433  | 466  | 492  | - |  |     |  |  |  |  |  |
|     |         | Lo Pr                                | 107  | 114  | 124  | -  | 113  | 120  | 131  | -  | 118  | 125  | 136  | -  | 123  | 131  | 143  | -  | 129  | 138  | 150  | -  | 134  | 142  | 155  | -   | 134  | 142  | 155  | - |  |     |  |  |  |  |  |

|       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75    | 1350  | MBh   | 35.7 | 36.7 | 39.8 | 42.7 | 34.8 | 35.9 | 38.8 | 41.7 | 34.0 | 35.0 | 37.9 | 40.7 | 33.2 | 34.2 | 37.0 | 39.7 | 31.5 | 32.5 | 35.1 | 37.7 | 29.2 | 30.1 | 32.5 | 34.9 |
|       |       | S/T   | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  |
|       |       | ΔT    | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 17   | 11   | 21   | 20   | 16   | 11   | 20   | 19   | 15   | 11   |
|       |       | kW    | 2.6  | 2.6  | 2.7  | 2.8  | 2.8  | 2.8  | 2.9  | 3.0  | 3.0  | 3.0  | 3.1  | 3.2  | 3.1  | 3.2  | 3.3  | 3.4  | 3.2  | 3.3  | 3.4  | 3.5  | 3.3  | 3.4  | 3.5  | 3.6  |
|       |       | Amps  | 11.2 | 11.4 | 11.7 | 12.1 | 11.9 | 12.2 | 12.5 | 12.9 | 12.8 | 13.0 | 13.4 | 13.8 | 13.5 | 13.8 | 14.2 | 14.7 | 14.3 | 14.6 | 15.0 | 15.5 | 15.0 | 15.3 | 15.8 | 16.3 |
|       |       | Hi Pr | 252  | 271  | 286  | 299  | 283  | 304  | 321  | 335  | 322  | 346  | 365  | 381  | 366  | 394  | 416  | 434  | 412  | 443  | 468  | 488  | 455  | 490  | 517  | 540  |
|       |       | Lo Pr | 113  | 120  | 131  | 139  | 119  | 127  | 138  | 147  | 124  | 131  | 144  | 153  | 130  | 138  | 151  | 161  | 136  | 145  | 158  | 168  | 141  | 150  | 163  | 174  |
|       |       | MBh   | 34.6 | 35.7 | 38.6 | 41.4 | 33.8 | 34.8 | 37.7 | 40.5 | 33.0 | 34.0 | 36.8 | 39.5 | 32.2 | 33.2 | 35.9 | 38.5 | 30.6 | 31.5 | 34.1 | 36.6 | 28.4 | 29.2 | 31.6 | 33.9 |
|       | S/T   | 0.8   | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  |      |
|       | 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   |      |
| kW    | 2.6   | 2.6   | 2.7  | 2.8  | 2.8  | 2.8  | 2.9  | 3.0  | 3.0  | 2.9  | 3.0  | 3.1  | 3.2  | 3.1  | 3.1  | 3.2  | 3.3  | 3.2  | 3.3  | 3.4  | 3.5  | 3.3  | 3.4  | 3.5  | 3.6  |      |
| Amps  | 11.1  | 11.3  | 11.6 | 12.0 | 11.8 | 12.1 | 12.4 | 12.8 | 12.7 | 12.9 | 13.3 | 13.7 | 13.4 | 13.7 | 14.1 | 14.5 | 14.2 | 14.5 | 14.9 | 15.4 | 14.9 | 15.2 | 15.6 | 16.2 |      |      |
| Hi Pr | 249   | 268   | 283  | 296  | 280  | 301  | 318  | 332  | 318  | 343  | 362  | 377  | 363  | 390  | 412  | 430  | 408  | 439  | 464  | 483  | 451  | 485  | 512  | 534  |      |      |
| 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  |      |      |
| 1050  | MBh   | 32.0  | 32.9 | 35.6 | 38.2 | 31.2 | 32.2 | 34.8 | 37.3 | 30.5 | 31.4 | 34.0 | 36.5 | 29.7 | 30.6 | 33.1 | 35.6 | 28.3 | 29.1 | 31.5 | 33.8 | 26.2 | 26.9 | 29.2 | 31.3 |      |
|       | S/T   | 0.8   | 0.7  | 0.6  | 0.4  | 0.8  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  |      |
|       | 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    | 2.5   | 2.6  | 2.6  | 2.7  | 2.7  | 2.8  | 2.8  | 2.9  | 2.9  | 2.9  | 3.0  | 3.1  | 3.0  | 3.1  | 3.2  | 3.3  | 3.1  | 3.2  | 3.3  | 3.4  | 3.2  | 3.3  | 3.4  | 3.5  |      |
|       | Amps  | 10.8  | 11.1 | 11.4 | 11.7 | 11.6 | 11.8 | 12.1 | 12.5 | 12.4 | 12.6 | 13.0 | 13.4 | 13.1 | 13.4 | 13.8 | 14.2 | 13.8 | 14.1 | 14.5 | 15.0 | 14.5 | 14.8 | 15.3 | 15.8 |      |
|       | Hi Pr | 242   | 260  | 275  | 287  | 272  | 292  | 309  | 322  | 309  | 332  | 351  | 366  | 352  | 378  | 400  | 417  | 396  | 426  | 450  | 469  | 437  | 470  | 497  | 518  |      |
|       | 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  |      |



# EXPANDED COOLING DATA — GP61336\*\*\*M41 (CONT.)

|                                                                                                                             |         | OUTDOOR AMBIENT TEMPERATURE                 |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                                                                                      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
|                                                                                                                             |         | 65                                          |       |      |      |      | 75   |      |      |      |      | 85   |      |      |      |      | 95   |      |      |      |      | 105                                                                                  |      |      |      |      | 115  |      |      |      |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         | ENTERING INDOOR WET BULB TEMPERATURE        |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                                                                                      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |  |  |  |  |
| IDB                                                                                                                         | AIRFLOW | 59                                          | 63    | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59                                                                                   | 63   | 67   | 71   | 59   | 63   | 67   | 71   |      |      |  |  |  |  |  |  |  |  |  |  |
| 80                                                                                                                          | 1350    | MBh                                         | 36.3  | 37.1 | 39.6 | 42.4 | 35.5 | 36.2 | 38.7 | 41.4 | 34.6 | 35.4 | 37.8 | 40.4 | 33.8 | 34.5 | 36.9 | 39.4 | 32.1 | 32.8 | 35.0 | 37.4                                                                                 | 29.7 | 30.4 | 32.4 | 34.7 | 29.7 | 30.4 | 32.4 | 34.7 |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         | S/T                                         | 1.0   | 0.9  | 0.7  | 0.6  | 1.0  | 0.9  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6                                                                                  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.9  | 0.6  |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         | ΔT                                          | 25    | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 23   | 24   | 20   | 16   | 22   | 22   | 20   | 16                                                                                   | 20   | 21   | 19   | 15   | 20   | 21   | 19   | 15   |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         | kW                                          | 2.6   | 2.7  | 2.7  | 2.8  | 2.8  | 2.9  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.1  | 3.2  | 3.1  | 3.2  | 3.3  | 3.4  | 3.3  | 3.3  | 3.4                                                                                  | 3.5  | 3.4  | 3.4  | 3.5  | 3.4  | 3.4  | 3.5  | 3.7  |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         | Amps                                        | 11.3  | 11.5 | 11.8 | 12.2 | 12.0 | 12.3 | 12.6 | 13.0 | 12.9 | 13.1 | 13.5 | 13.9 | 13.6 | 13.9 | 14.3 | 14.8 | 14.4 | 14.4 | 14.7 | 15.1                                                                                 | 15.6 | 15.1 | 15.4 | 15.9 | 16.4 | 15.1 | 15.4 | 15.9 | 16.4 |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         | Hi Pr                                       | 255   | 274  | 289  | 302  | 286  | 307  | 325  | 338  | 325  | 350  | 369  | 385  | 370  | 398  | 420  | 438  | 416  | 448  | 473  | 493                                                                                  | 460  | 495  | 523  | 545  | 460  | 495  | 523  | 545  |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             | Lo Pr   | 114                                         | 121   | 132  | 141  | 120  | 128  | 140  | 149  | 125  | 133  | 145  | 154  | 131  | 140  | 152  | 162  | 137  | 146  | 160  | 170  | 142                                                                                  | 151  | 165  | 176  | 142  | 151  | 165  | 176  |      |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             | 1200    | MBh                                         | 35.3  | 36.0 | 38.5 | 41.1 | 34.4 | 35.2 | 37.6 | 40.2 | 33.6 | 34.3 | 36.7 | 39.2 | 32.8 | 33.5 | 35.8 | 38.3 | 31.2 | 31.8 | 34.0 | 36.4                                                                                 | 28.9 | 29.5 | 31.5 | 33.7 | 28.9 | 29.5 | 31.5 | 33.7 |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         | S/T                                         | 0.9   | 0.9  | 0.7  | 0.5  | 1.0  | 0.9  | 0.7  | 0.5  | 1.0  | 0.9  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6                                                                                  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         | ΔT                                          | 25    | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 24   | 24   | 21   | 17                                                                                   | 22   | 23   | 20   | 16   | 22   | 23   | 20   | 16   |      |  |  |  |  |  |  |  |  |  |  |
| kW                                                                                                                          |         | 2.6                                         | 2.6   | 2.7  | 2.8  | 2.8  | 2.8  | 2.9  | 3.0  | 3.0  | 3.0  | 3.0  | 3.1  | 3.2  | 3.1  | 3.2  | 3.3  | 3.4  | 3.2  | 3.3  | 3.4  | 3.5                                                                                  | 3.3  | 3.4  | 3.5  | 3.3  | 3.4  | 3.5  | 3.6  |      |      |  |  |  |  |  |  |  |  |  |  |
| Amps                                                                                                                        |         | 11.2                                        | 11.4  | 11.7 | 12.1 | 11.9 | 12.2 | 12.5 | 12.9 | 12.8 | 13.0 | 13.4 | 13.8 | 13.5 | 13.8 | 14.2 | 14.7 | 14.3 | 14.3 | 14.6 | 15.0 | 15.5                                                                                 | 15.0 | 15.3 | 15.8 | 15.0 | 15.3 | 15.8 | 16.3 |      |      |  |  |  |  |  |  |  |  |  |  |
| Hi Pr                                                                                                                       |         | 252                                         | 271   | 286  | 299  | 283  | 304  | 321  | 335  | 322  | 346  | 365  | 381  | 366  | 394  | 416  | 434  | 412  | 443  | 468  | 488  | 455                                                                                  | 490  | 517  | 540  | 455  | 490  | 517  | 540  |      |      |  |  |  |  |  |  |  |  |  |  |
| 1050                                                                                                                        | 1050    | Lo Pr                                       | 113   | 120  | 131  | 139  | 119  | 127  | 138  | 147  | 124  | 132  | 144  | 153  | 130  | 138  | 151  | 161  | 136  | 145  | 158  | 168                                                                                  | 141  | 150  | 163  | 174  | 141  | 150  | 163  | 174  |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         | MBh                                         | 32.5  | 33.2 | 35.5 | 38.0 | 31.8 | 32.5 | 34.7 | 37.1 | 31.0 | 31.7 | 33.9 | 36.2 | 30.3 | 30.9 | 33.0 | 35.3 | 28.8 | 29.4 | 31.4 | 33.6                                                                                 | 26.6 | 27.2 | 29.1 | 31.1 | 26.6 | 27.2 | 29.1 | 31.1 |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         | S/T                                         | 0.9   | 0.8  | 0.7  | 0.5  | 0.9  | 0.9  | 0.7  | 0.5  | 1.0  | 0.9  | 0.7  | 0.5  | 1.0  | 0.9  | 0.7  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6                                                                                  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         | ΔT                                          | 25    | 24   | 21   | 17   | 26   | 25   | 21   | 17   | 26   | 25   | 22   | 17   | 26   | 25   | 22   | 17   | 26   | 25   | 21   | 17                                                                                   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         | kW                                          | 2.5   | 2.6  | 2.7  | 2.7  | 2.7  | 2.8  | 2.9  | 2.9  | 2.9  | 2.9  | 3.0  | 3.1  | 3.0  | 3.1  | 3.2  | 3.3  | 3.1  | 3.2  | 3.3  | 3.4                                                                                  | 3.3  | 3.3  | 3.4  | 3.5  | 3.3  | 3.3  | 3.4  | 3.5  |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         | Amps                                        | 10.9  | 11.1 | 11.4 | 11.8 | 11.6 | 11.9 | 12.2 | 12.6 | 12.5 | 12.7 | 13.1 | 13.5 | 13.2 | 13.5 | 13.9 | 14.3 | 13.9 | 14.2 | 14.6 | 15.1                                                                                 | 14.6 | 14.9 | 15.4 | 15.9 | 14.6 | 14.9 | 15.4 | 15.9 |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             | 85      | 1350                                        | Hi Pr | 244  | 263  | 278  | 290  | 274  | 295  | 312  | 325  | 312  | 336  | 354  | 370  | 355  | 382  | 404  | 421  | 400  | 430  | 454                                                                                  | 474  | 442  | 475  | 502  | 523  | 442  | 475  | 502  | 523  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         |                                             | 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  | 137  | 145  | 159  | 169  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         |                                             | MBh   | 36.9 | 37.7 | 39.4 | 42.1 | 36.1 | 36.8 | 38.5 | 41.1 | 35.2 | 35.9 | 37.6 | 40.1 | 34.4 | 35.0 | 36.7 | 39.1 | 32.6 | 33.3 | 34.9                                                                                 | 37.2 | 30.2 | 30.8 | 32.3 | 34.4 | 30.2 | 30.8 | 32.3 | 34.4 |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         |                                             | S/T   | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.8  | 1.0  | 1.0  | 0.9  | 0.8  | 1.0  | 1.0  | 0.9                                                                                  | 0.8  | 1.0  | 1.0  | 0.9  | 0.8  | 1.0  | 1.0  | 0.9  | 0.8  |  |  |  |  |  |  |  |  |  |  |
| 1200                                                                                                                        | ΔT      | 27                                          | 26    | 25   | 21   | 27   | 27   | 25   | 22   | 26   | 27   | 25   | 22   | 26   | 26   | 25   | 22   | 24   | 25   | 25   | 22   | 22                                                                                   | 23   | 23   | 20   | 22   | 23   | 23   | 20   |      |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             | kW      | 2.6                                         | 2.7   | 2.7  | 2.8  | 2.8  | 2.9  | 3.0  | 3.0  | 3.0  | 3.0  | 3.1  | 3.2  | 3.1  | 3.2  | 3.3  | 3.4  | 3.3  | 3.3  | 3.4  | 3.5  | 3.4                                                                                  | 3.4  | 3.5  | 3.7  | 3.4  | 3.4  | 3.5  | 3.7  |      |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             | Amps    | 11.3                                        | 11.5  | 11.8 | 12.2 | 12.0 | 12.3 | 12.6 | 13.0 | 12.9 | 13.1 | 13.5 | 13.9 | 13.6 | 13.9 | 14.3 | 14.8 | 14.4 | 14.7 | 15.1 | 15.6 | 15.1                                                                                 | 15.4 | 15.9 | 16.4 | 15.1 | 15.4 | 15.9 | 16.4 |      |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             | Hi Pr   | 255                                         | 274   | 289  | 302  | 286  | 307  | 325  | 338  | 325  | 350  | 369  | 385  | 370  | 398  | 420  | 438  | 416  | 448  | 473  | 493  | 460                                                                                  | 495  | 523  | 545  | 460  | 495  | 523  | 545  |      |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             | Lo Pr   | 114                                         | 121   | 132  | 141  | 120  | 128  | 140  | 149  | 125  | 133  | 145  | 154  | 131  | 140  | 152  | 162  | 137  | 146  | 160  | 170  | 142                                                                                  | 151  | 165  | 176  | 142  | 151  | 165  | 176  |      |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             | 1050    | MBh                                         | 33.1  | 33.7 | 35.3 | 37.7 | 32.3 | 33.0 | 34.5 | 36.8 | 31.6 | 32.2 | 33.7 | 36.0 | 30.8 | 31.4 | 32.9 | 35.1 | 29.3 | 29.8 | 31.2 | 33.3                                                                                 | 27.1 | 27.6 | 28.9 | 30.9 | 27.1 | 27.6 | 28.9 | 30.9 |      |  |  |  |  |  |  |  |  |  |  |
| 85                                                                                                                          | 1050    | S/T                                         | 0.9   | 0.9  | 0.8  | 0.7  | 1.0  | 0.9  | 0.8  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.8                                                                                  | 1.0  | 1.0  | 0.9  | 0.8  | 1.0  | 1.0  | 0.9  | 0.8  |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         | ΔT                                          | 27    | 27   | 25   | 22   | 27   | 27   | 26   | 22   | 28   | 27   | 26   | 22   | 27   | 27   | 26   | 22   | 26   | 26   | 25   | 22                                                                                   | 24   | 24   | 24   | 24   | 24   | 24   | 24   | 21   |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         | kW                                          | 2.6   | 2.6  | 2.7  | 2.8  | 2.7  | 2.8  | 2.9  | 3.0  | 2.9  | 3.0  | 3.1  | 3.2  | 3.0  | 3.1  | 3.2  | 3.3  | 3.2  | 3.2  | 3.3  | 3.5                                                                                  | 3.2  | 3.2  | 3.4  | 3.5  | 3.3  | 3.4  | 3.5  | 3.6  |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         | Amps                                        | 11.0  | 11.2 | 11.5 | 11.9 | 11.7 | 12.0 | 12.3 | 12.7 | 12.6 | 12.8 | 13.2 | 13.6 | 13.3 | 13.6 | 14.0 | 14.4 | 14.0 | 14.3 | 14.7 | 15.2                                                                                 | 14.7 | 15.2 | 14.8 | 15.1 | 14.8 | 15.1 | 15.5 | 16.0 |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         | Hi Pr                                       | 247   | 266  | 281  | 293  | 277  | 298  | 315  | 328  | 315  | 339  | 358  | 373  | 359  | 386  | 408  | 425  | 404  | 434  | 459  | 478                                                                                  | 446  | 480  | 507  | 529  | 446  | 480  | 507  | 529  |      |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                             |         | Lo Pr                                       | 110   | 117  | 128  | 136  | 117  | 124  | 135  | 144  | 121  | 129  | 141  | 151  | 127  | 135  | 148  | 157  | 133  | 142  | 155  | 165                                                                                  | 138  | 147  | 160  | 171  | 138  | 147  | 160  | 171  |      |  |  |  |  |  |  |  |  |  |  |
| IDB: Entering Indoor Dry Bulb Temperature<br>High and low pressures are measured at the liquid and suction access fittings. |         | Shaded area reflects AHRI (TVA) conditions. |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | kW = Total system power<br>Amps: Unit amps (comp.+evaporator + condenser fan motors) |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |  |  |  |  |



# EXPANDED COOLING DATA — GP61342\*\*\*M41

| IDB     |       | OUTDOOR AMBIENT TEMPERATURE          |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |   |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|---------|-------|--------------------------------------|------|------|-----|------|------|------|-----|------|------|------|-----|------|------|------|-----|------|------|------|-----|------|------|------|-----|------|------|------|-----|------|------|------|---|-----|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|
|         |       | 65                                   |      |      |     |      |      |      |     | 75   |      |      |     |      |      |      |     | 85   |      |      |     |      |      |      |     | 95   |      |      |     |      |      |      |   | 105 |  |  |  |  |  |  |  | 115 |  |  |  |  |  |  |  |
|         |       | ENTERING INDOOR WET BULB TEMPERATURE |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |   |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
| AIRFLOW | 59    | 63                                   | 67   | 71   | 59  | 63   | 67   | 71   | 59  | 63   | 67   | 71   | 59  | 63   | 67   | 71   | 59  | 63   | 67   | 71   | 59  | 63   | 67   | 71   | 59  | 63   | 67   | 71   | 59  | 63   | 67   | 71   |   |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
| 1440    | MBh   | 39.7                                 | 41.1 | 45.1 | -   | 38.8 | 40.2 | 44.0 | -   | 37.8 | 39.2 | 43.0 | -   | 36.9 | 38.3 | 41.9 | -   | 35.1 | 36.4 | 39.8 | -   | 32.5 | 33.7 | 36.9 | -   | 32.5 | 33.7 | 36.9 | -   | 31.5 | 32.7 | 35.8 | - |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|         | S/T   | 0.8                                  | 0.6  | 0.4  | -   | 0.8  | 0.7  | 0.5  | -   | 0.8  | 0.7  | 0.5  | -   | 0.8  | 0.7  | 0.5  | -   | 0.9  | 0.7  | 0.5  | -   | 0.9  | 0.7  | 0.5  | -   | 0.9  | 0.7  | 0.5  | -   | 0.9  | 0.7  | 0.5  | - |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|         | ΔT    | 19                                   | 17   | 13   | -   | 20   | 17   | 13   | -   | 20   | 17   | 13   | -   | 20   | 17   | 13   | -   | 19   | 17   | 13   | -   | 18   | 16   | 12   | -   | 18   | 16   | 12   | -   | 17   | 15   | 11   | - |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|         | kW    | 2.9                                  | 3.0  | 3.1  | -   | 3.1  | 3.2  | 3.3  | -   | 3.3  | 3.4  | 3.5  | -   | 3.5  | 3.5  | 3.7  | -   | 3.6  | 3.7  | 3.8  | -   | 3.7  | 3.8  | 3.9  | -   | 3.7  | 3.8  | 3.9  | -   | 3.6  | 3.7  | 3.8  | - |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|         | Amps  | 12.6                                 | 12.9 | 13.2 | -   | 13.5 | 13.7 | 14.1 | -   | 14.4 | 14.7 | 15.1 | -   | 15.3 | 15.6 | 16.0 | -   | 16.1 | 16.5 | 16.9 | -   | 16.9 | 17.3 | 17.8 | -   | 16.9 | 17.3 | 17.8 | -   | 16.1 | 16.5 | 16.9 | - |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|         | Hi Pr | 237                                  | 255  | 269  | -   | 266  | 286  | 302  | -   | 302  | 325  | 343  | -   | 344  | 370  | 391  | -   | 387  | 417  | 440  | -   | 428  | 460  | 486  | -   | 428  | 460  | 486  | -   | 387  | 417  | 440  | - |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
| Lo Pr   | 113   | 120                                  | 131  | -    | 119 | 127  | 138  | -    | 124 | 132  | 144  | -    | 130 | 138  | 151  | -    | 136 | 145  | 158  | -    | 141 | 150  | 164  | -    | 141 | 150  | 164  | -    | 136 | 145  | 158  | -    |   |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
| 1280    | MBh   | 38.5                                 | 39.9 | 43.8 | -   | 37.6 | 39.0 | 42.7 | -   | 36.7 | 38.1 | 41.7 | -   | 35.8 | 37.1 | 40.7 | -   | 34.1 | 35.3 | 38.7 | -   | 31.5 | 32.7 | 35.8 | -   | 31.5 | 32.7 | 35.8 | -   | 30.5 | 31.7 | 34.8 | - |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|         | S/T   | 0.7                                  | 0.6  | 0.4  | -   | 0.8  | 0.6  | 0.4  | -   | 0.8  | 0.6  | 0.4  | -   | 0.8  | 0.7  | 0.5  | -   | 0.8  | 0.7  | 0.5  | -   | 0.8  | 0.7  | 0.5  | -   | 0.8  | 0.7  | 0.5  | -   | 0.8  | 0.7  | 0.5  | - |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|         | ΔT    | 20                                   | 17   | 13   | -   | 20   | 18   | 13   | -   | 20   | 18   | 13   | -   | 21   | 18   | 14   | -   | 20   | 18   | 13   | -   | 19   | 16   | 12   | -   | 19   | 16   | 12   | -   | 18   | 15   | 11   | - |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|         | kW    | 2.9                                  | 3.0  | 3.0  | -   | 3.1  | 3.2  | 3.3  | -   | 3.3  | 3.4  | 3.5  | -   | 3.4  | 3.5  | 3.6  | -   | 3.6  | 3.7  | 3.8  | -   | 3.7  | 3.8  | 3.9  | -   | 3.7  | 3.8  | 3.9  | -   | 3.6  | 3.7  | 3.8  | - |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|         | Amps  | 12.5                                 | 12.8 | 13.1 | -   | 13.4 | 13.6 | 14.0 | -   | 14.3 | 14.6 | 15.0 | -   | 15.2 | 15.5 | 15.9 | -   | 16.0 | 16.3 | 16.8 | -   | 16.8 | 17.2 | 17.7 | -   | 16.8 | 17.2 | 17.7 | -   | 16.0 | 16.3 | 16.8 | - |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|         | Hi Pr | 234                                  | 252  | 266  | -   | 263  | 283  | 299  | -   | 299  | 322  | 340  | -   | 341  | 367  | 387  | -   | 383  | 413  | 436  | -   | 424  | 456  | 481  | -   | 424  | 456  | 481  | -   | 383  | 413  | 436  | - |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
| Lo Pr   | 112   | 119                                  | 130  | -    | 118 | 125  | 137  | -    | 122 | 130  | 142  | -    | 129 | 137  | 149  | -    | 135 | 143  | 157  | -    | 139 | 148  | 162  | -    | 139 | 148  | 162  | -    | 135 | 143  | 157  | -    |   |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
| 1125    | MBh   | 35.6                                 | 36.9 | 40.4 | -   | 34.7 | 36.0 | 39.4 | -   | 33.9 | 35.1 | 38.5 | -   | 33.1 | 34.3 | 37.6 | -   | 31.4 | 32.6 | 35.7 | -   | 29.1 | 30.2 | 33.1 | -   | 29.1 | 30.2 | 33.1 | -   | 31.4 | 32.6 | 35.7 | - |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|         | S/T   | 0.7                                  | 0.6  | 0.4  | -   | 0.7  | 0.6  | 0.4  | -   | 0.7  | 0.6  | 0.4  | -   | 0.8  | 0.6  | 0.4  | -   | 0.8  | 0.7  | 0.5  | -   | 0.8  | 0.7  | 0.5  | -   | 0.8  | 0.7  | 0.5  | -   | 0.8  | 0.7  | 0.5  | - |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|         | ΔT    | 20                                   | 18   | 13   | -   | 21   | 18   | 14   | -   | 21   | 18   | 14   | -   | 21   | 18   | 14   | -   | 21   | 18   | 14   | -   | 19   | 17   | 13   | -   | 19   | 17   | 13   | -   | 21   | 18   | 14   | - |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|         | kW    | 2.8                                  | 2.9  | 3.0  | -   | 3.0  | 3.1  | 3.2  | -   | 3.2  | 3.3  | 3.4  | -   | 3.4  | 3.4  | 3.5  | -   | 3.5  | 3.6  | 3.7  | -   | 3.6  | 3.7  | 3.8  | -   | 3.6  | 3.7  | 3.8  | -   | 3.5  | 3.6  | 3.7  | - |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|         | Amps  | 12.3                                 | 12.5 | 12.8 | -   | 13.1 | 13.3 | 13.7 | -   | 14.0 | 14.3 | 14.7 | -   | 14.8 | 15.1 | 15.5 | -   | 15.6 | 15.9 | 16.4 | -   | 16.4 | 16.8 | 17.2 | -   | 16.4 | 16.8 | 17.2 | -   | 15.6 | 15.9 | 16.4 | - |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|         | Hi Pr | 227                                  | 245  | 258  | -   | 255  | 275  | 290  | -   | 290  | 312  | 330  | -   | 331  | 356  | 376  | -   | 372  | 400  | 423  | -   | 411  | 442  | 467  | -   | 411  | 442  | 467  | -   | 372  | 400  | 423  | - |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
| Lo Pr   | 108   | 115                                  | 126  | -    | 114 | 122  | 133  | -    | 119 | 126  | 138  | -    | 125 | 133  | 145  | -    | 131 | 139  | 152  | -    | 135 | 144  | 157  | -    | 135 | 144  | 157  | -    | 125 | 133  | 145  | -    |   |     |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |

|       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| 75    | 1440  | MBh   | 40.4 | 41.6 | 45.0 | 48.3 | 39.4 | 40.6 | 43.9 | 47.2 | 38.5 | 39.6 | 42.9 | 46.0 | 37.5 | 38.7 | 41.8 | 44.9 | 35.7 | 36.7 | 39.7 | 42.7 | 33.0 | 34.0 | 36.8 | 39.5 |     |
|       |       | S/T   | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 1.0  | 0.9  | 0.6  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  |     |
|       |       | 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   |     |
|       |       | kW    | 3.0  | 3.0  | 3.1  | 3.2  | 3.2  | 3.2  | 3.3  | 3.4  | 3.3  | 3.4  | 3.5  | 3.6  | 3.6  | 3.5  | 3.6  | 3.7  | 3.8  | 3.6  | 3.7  | 3.8  | 3.9  | 3.8  | 3.8  | 4.0  | 4.1 |
|       |       | Amps  | 12.7 | 13.0 | 13.3 | 13.7 | 13.6 | 13.8 | 14.2 | 14.7 | 14.6 | 14.9 | 15.3 | 15.8 | 15.4 | 15.7 | 16.2 | 16.7 | 16.2 | 16.6 | 17.1 | 17.6 | 17.1 | 17.5 | 18.0 | 18.6 |     |
|       |       | Hi Pr | 239  | 257  | 272  | 283  | 268  | 289  | 305  | 318  | 305  | 328  | 347  | 362  | 348  | 374  | 395  | 412  | 391  | 421  | 444  | 464  | 432  | 465  | 491  | 512  |     |
|       |       | Lo Pr | 114  | 121  | 132  | 141  | 120  | 128  | 140  | 149  | 125  | 133  | 145  | 155  | 131  | 140  | 152  | 162  | 138  | 146  | 160  | 170  | 142  | 151  | 165  | 176  |     |
|       | 1280  | MBh   | 39.2 | 40.3 | 43.7 | 46.9 | 38.3 | 39.4 | 42.7 | 45.8 | 37.4 | 38.5 | 41.6 | 44.7 | 36.5 | 37.5 | 40.6 | 43.6 | 34.6 | 35.7 | 38.6 | 41.4 | 32.1 | 33.0 | 35.7 | 38.4 |     |
|       |       | S/T   | 0.8  | 0.7  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 1.0  | 0.9  | 0.6  | 0.4  |     |
|       |       | ΔT    | 23   | 21   | 18   | 12   | 24   | 22   | 18   | 12   | 24   | 22   | 18   | 12   | 24   | 22   | 18   | 12   | 24   | 22   | 18   | 12   | 22   | 20   | 17   | 11   |     |
|       |       | kW    | 2.9  | 3.0  | 3.1  | 3.2  | 3.1  | 3.2  | 3.3  | 3.4  | 3.3  | 3.4  | 3.5  | 3.6  | 3.6  | 3.5  | 3.6  | 3.7  | 3.8  | 3.6  | 3.7  | 3.8  | 3.9  | 3.7  | 3.8  | 3.9  | 4.0 |
| Amps  |       | 12.6  | 12.9 | 13.2 | 13.6 | 13.5 | 13.7 | 14.1 | 14.6 | 14.4 | 14.7 | 15.2 | 15.6 | 15.3 | 15.6 | 16.0 | 16.6 | 16.1 | 16.5 | 16.9 | 17.5 | 16.9 | 17.3 | 17.8 | 18.4 |      |     |
| Hi Pr |       | 237   | 255  | 269  | 281  | 266  | 286  | 302  | 315  | 302  | 325  | 343  | 358  | 344  | 370  | 391  | 408  | 387  | 417  | 440  | 459  | 428  | 460  | 486  | 507  |      |     |
| Lo Pr |       | 113   | 120  | 131  | 139  | 119  | 127  | 138  | 147  | 124  | 132  | 144  | 153  | 130  | 138  | 151  | 161  | 136  | 145  | 158  | 168  | 141  | 150  | 164  | 174  |      |     |
| 1125  | MBh   | 36.2  | 37.2 | 40.3 | 43.3 | 35.3 | 36.4 | 39.4 | 42.3 | 34.5 | 35.5 | 38.4 | 41.2 | 33.6 | 34.6 | 37.5 | 40.2 | 32.0 | 32.9 | 35.6 | 38.2 | 29.6 | 30.5 | 33.0 | 35.4 |      |     |
|       | S/T   | 0.8   | 0.7  | 0.5  | 0.3  | 0.8  | 0.7  | 0.6  | 0.4  | 0.8  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  |      |     |
|       | ΔT    | 24    | 22   | 18   | 12   | 24   | 22   | 18   | 12   | 24   | 22   | 18   | 12   | 24   | 22   | 18   | 13   | 24   | 22   | 18   | 12   | 22   | 20   | 17   | 12   |      |     |
|       | kW    | 2.9   | 2.9  | 3.0  | 3.1  | 3.1  | 3.1  | 3.2  | 3.3  | 3.2  | 3.3  | 3.4  | 3.5  | 3.4  | 3.5  | 3.6  | 3.7  | 3.5  | 3.6  | 3.7  | 3.8  | 3.6  | 3.7  | 3.8  | 4.0  |      |     |
|       | Amps  | 12.3  | 12.6 | 12.9 | 13.3 | 13.2 | 13.4 | 13.8 | 14.2 | 14.1 | 14.4 | 14.8 | 15.3 | 14.9 | 15.2 | 15.7 | 16.2 | 15.7 | 16.1 | 16.5 | 17.1 | 16.5 | 16.9 | 17.4 | 18.0 |      |     |
|       | 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 | 109   | 116  | 127  | 135  | 115  | 123  | 134  | 143  | 120  | 128  | 139  | 148  | 126  | 134  | 146  | 156  | 132  | 141  | 153  | 163  | 137  | 145  | 159  | 169  |      |     |

# EXPANDED COOLING DATA — GP61342\*\*\*M41 (CONT.)

|      |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
|      |         | 65                          |      |      |      |      | 75   |      |      |      |      | 85   |      |      |      |      | 95   |      |      |      |      | 105  |      |      |      |      | 115  |      |      |      |  |
| IDB  | AIRFLOW | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   |      |  |
| 80   | 1440    | MBh                         | 41.1 | 42.0 | 44.8 | 47.9 | 40.1 | 41.0 | 43.8 | 46.8 | 39.2 | 40.0 | 42.8 | 45.7 | 38.2 | 39.0 | 41.7 | 44.6 | 36.3 | 37.1 | 39.6 | 42.4 | 33.6 | 34.4 | 36.7 | 39.2 | 33.6 | 34.4 | 36.7 | 39.2 |  |
|      |         | S/T                         | 1.0  | 0.9  | 0.7  | 0.5  | 1.0  | 0.9  | 0.8  | 0.6  | 1.0  | 0.9  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  |  |
|      |         | 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   | 21   | 22   | 20   | 16   |  |
|      |         | kW                          | 3.0  | 3.0  | 3.1  | 3.2  | 3.2  | 3.2  | 3.3  | 3.4  | 3.4  | 3.4  | 3.5  | 3.6  | 3.5  | 3.5  | 3.6  | 3.7  | 3.8  | 3.7  | 3.7  | 3.9  | 4.0  | 3.8  | 3.9  | 4.0  | 3.8  | 3.9  | 4.0  | 4.1  |  |
|      |         | Amps                        | 12.8 | 13.1 | 13.4 | 13.8 | 13.7 | 13.9 | 14.3 | 14.8 | 14.7 | 15.0 | 15.4 | 15.9 | 15.5 | 15.8 | 16.3 | 16.8 | 16.4 | 16.7 | 17.2 | 17.8 | 17.2 | 17.6 | 18.1 | 18.7 | 17.2 | 17.6 | 18.1 | 18.7 |  |
|      |         | Hi Pr                       | 242  | 260  | 275  | 286  | 271  | 292  | 308  | 321  | 308  | 332  | 350  | 365  | 351  | 378  | 399  | 416  | 395  | 425  | 449  | 468  | 436  | 470  | 496  | 517  | 436  | 470  | 496  | 517  |  |
|      |         | Lo Pr                       | 115  | 122  | 133  | 142  | 121  | 129  | 141  | 150  | 126  | 134  | 147  | 156  | 133  | 141  | 154  | 164  | 139  | 148  | 161  | 172  | 144  | 153  | 167  | 178  | 144  | 153  | 167  | 178  |  |
|      | 1280    | MBh                         | 39.9 | 40.8 | 43.5 | 46.5 | 39.0 | 39.8 | 42.5 | 45.5 | 38.0 | 38.9 | 41.5 | 44.4 | 37.1 | 37.9 | 40.5 | 43.3 | 35.2 | 36.0 | 38.5 | 41.1 | 32.6 | 33.4 | 35.6 | 38.1 | 32.6 | 33.4 | 35.6 | 38.1 |  |
|      |         | S/T                         | 0.9  | 0.9  | 0.7  | 0.5  | 0.9  | 0.9  | 0.7  | 0.5  | 1.0  | 0.9  | 0.7  | 0.6  | 1.0  | 0.9  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  |  |
|      |         | ΔT                          | 26   | 25   | 22   | 17   | 26   | 25   | 22   | 18   | 26   | 25   | 22   | 18   | 27   | 25   | 22   | 18   | 25   | 25   | 22   | 17   | 23   | 23   | 20   | 16   | 23   | 23   | 20   | 16   |  |
|      |         | kW                          | 3.0  | 3.0  | 3.1  | 3.2  | 3.2  | 3.2  | 3.3  | 3.4  | 3.3  | 3.4  | 3.5  | 3.6  | 3.5  | 3.6  | 3.7  | 3.8  | 3.6  | 3.7  | 3.8  | 3.9  | 3.8  | 3.8  | 4.0  | 4.1  | 3.8  | 3.8  | 4.0  | 4.1  |  |
|      |         | Amps                        | 12.7 | 13.0 | 13.3 | 13.7 | 13.6 | 13.8 | 14.2 | 14.7 | 14.6 | 14.9 | 15.3 | 15.8 | 15.4 | 15.7 | 16.2 | 16.7 | 16.2 | 16.6 | 17.1 | 17.6 | 17.1 | 17.5 | 18.0 | 18.6 | 17.1 | 17.5 | 18.0 | 18.6 |  |
|      |         | Hi Pr                       | 239  | 257  | 272  | 284  | 268  | 289  | 305  | 318  | 305  | 329  | 347  | 362  | 348  | 374  | 395  | 412  | 391  | 421  | 444  | 464  | 432  | 465  | 491  | 512  | 432  | 465  | 491  | 512  |  |
|      |         | Lo Pr                       | 114  | 121  | 132  | 141  | 120  | 128  | 140  | 149  | 125  | 133  | 145  | 155  | 131  | 140  | 152  | 162  | 138  | 146  | 160  | 170  | 142  | 151  | 165  | 176  | 142  | 151  | 165  | 176  |  |
| 1125 | MBh     | 36.8                        | 37.6 | 40.2 | 43.0 | 36.0 | 36.7 | 39.3 | 42.0 | 35.1 | 35.9 | 38.3 | 41.0 | 34.2 | 35.0 | 37.4 | 40.0 | 32.5 | 33.2 | 35.5 | 38.0 | 30.1 | 30.8 | 32.9 | 35.2 | 30.1 | 30.8 | 32.9 | 35.2 |      |  |
|      | S/T     | 0.9                         | 0.8  | 0.7  | 0.5  | 0.9  | 0.9  | 0.7  | 0.5  | 0.9  | 0.9  | 0.7  | 0.5  | 1.0  | 0.9  | 0.7  | 0.5  | 1.0  | 0.9  | 0.8  | 0.6  | 1.0  | 0.9  | 0.8  | 0.6  | 1.0  | 0.9  | 0.8  | 0.6  |      |  |
|      | ΔT      | 26                          | 25   | 22   | 18   | 27   | 26   | 22   | 18   | 27   | 26   | 22   | 18   | 27   | 26   | 22   | 18   | 27   | 25   | 22   | 18   | 25   | 24   | 21   | 16   | 25   | 24   | 21   | 16   |      |  |
|      | kW      | 2.9                         | 2.9  | 3.0  | 3.1  | 3.1  | 3.1  | 3.2  | 3.3  | 3.3  | 3.3  | 3.4  | 3.5  | 3.4  | 3.5  | 3.6  | 3.7  | 3.6  | 3.6  | 3.7  | 3.9  | 3.7  | 3.7  | 3.9  | 4.0  | 3.7  | 3.7  | 3.9  | 4.0  |      |  |
|      | Amps    | 12.4                        | 12.7 | 13.0 | 13.4 | 13.3 | 13.5 | 13.9 | 14.3 | 14.2 | 14.5 | 14.9 | 15.4 | 15.0 | 15.3 | 15.8 | 16.3 | 15.9 | 16.2 | 16.7 | 17.2 | 16.7 | 17.0 | 17.5 | 18.1 | 16.7 | 17.0 | 17.5 | 18.1 |      |  |
|      | Hi Pr   | 232                         | 250  | 264  | 275  | 260  | 280  | 296  | 309  | 296  | 319  | 336  | 351  | 337  | 363  | 383  | 400  | 379  | 408  | 431  | 450  | 419  | 451  | 476  | 497  | 419  | 451  | 476  | 497  |      |  |
|      | Lo Pr   | 110                         | 117  | 128  | 137  | 117  | 124  | 135  | 144  | 121  | 129  | 141  | 150  | 127  | 135  | 148  | 157  | 133  | 142  | 155  | 165  | 138  | 147  | 160  | 171  | 138  | 147  | 160  | 171  |      |  |

|      |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85   | 1440  | MBh   | 41.8 | 42.6 | 44.6 | 47.6 | 40.8 | 41.6 | 43.6 | 46.5 | 39.9 | 40.6 | 42.5 | 45.4 | 38.9 | 39.6 | 41.5 | 44.3 | 36.9 | 37.6 | 39.4 | 42.1 | 34.2 | 34.9 | 36.5 | 39.0 |      |
|      |       | S/T   | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 1.0  | 0.8  | 1.0  | 1.0  | 1.0  | 0.8  | 1.0  | 1.0  | 1.0  | 0.8  |      |
|      |       | ΔT    | 27   | 26   | 25   | 21   | 26   | 27   | 25   | 22   | 25   | 26   | 25   | 22   | 25   | 25   | 25   | 22   | 24   | 24   | 25   | 22   | 22   | 22   | 23   | 20   |      |
|      |       | kW    | 3.0  | 3.1  | 3.1  | 3.2  | 3.2  | 3.3  | 3.4  | 3.4  | 3.5  | 3.4  | 3.5  | 3.6  | 3.7  | 3.6  | 3.6  | 3.7  | 3.9  | 3.7  | 3.8  | 3.9  | 4.0  | 3.8  | 3.9  | 4.0  | 4.1  |
|      |       | Amps  | 12.9 | 13.2 | 13.5 | 13.9 | 13.8 | 14.1 | 14.4 | 14.9 | 14.8 | 14.8 | 15.1 | 15.5 | 16.0 | 15.6 | 16.0 | 16.4 | 17.0 | 16.5 | 16.9 | 17.4 | 17.9 | 17.4 | 17.7 | 18.3 | 18.9 |
|      |       | Hi Pr | 244  | 263  | 277  | 289  | 274  | 295  | 311  | 325  | 311  | 335  | 354  | 369  | 382  | 355  | 382  | 403  | 420  | 399  | 429  | 453  | 473  | 441  | 474  | 501  | 523  |
|      |       | Lo Pr | 116  | 124  | 135  | 144  | 123  | 130  | 142  | 152  | 127  | 136  | 148  | 158  | 166  | 134  | 142  | 156  | 166  | 140  | 149  | 163  | 174  | 145  | 154  | 169  | 180  |
|      | 1280  | MBh   | 40.6 | 41.4 | 43.3 | 46.2 | 39.6 | 40.4 | 42.3 | 45.1 | 38.7 | 39.4 | 41.3 | 44.1 | 37.7 | 38.5 | 40.3 | 43.0 | 35.9 | 36.6 | 38.3 | 40.8 | 33.2 | 33.9 | 35.5 | 37.8 |      |
|      |       | S/T   | 1.0  | 0.9  | 0.8  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 1.0  | 0.8  | 1.0  | 1.0  | 1.0  | 0.8  |      |
|      |       | ΔT    | 28   | 27   | 26   | 22   | 28   | 28   | 26   | 23   | 28   | 28   | 26   | 23   | 27   | 28   | 26   | 23   | 26   | 26   | 26   | 22   | 24   | 24   | 24   | 21   |      |
|      |       | kW    | 3.0  | 3.0  | 3.1  | 3.2  | 3.2  | 3.2  | 3.3  | 3.4  | 3.4  | 3.4  | 3.5  | 3.6  | 3.6  | 3.5  | 3.6  | 3.7  | 3.8  | 3.7  | 3.7  | 3.9  | 4.0  | 3.8  | 3.9  | 4.0  | 4.1  |
|      |       | Amps  | 12.8 | 13.1 | 13.4 | 13.8 | 13.7 | 13.9 | 14.3 | 14.8 | 14.7 | 15.0 | 15.4 | 15.9 | 15.5 | 15.8 | 16.3 | 16.8 | 16.4 | 16.7 | 17.2 | 17.8 | 17.2 | 17.6 | 18.1 | 18.7 |      |
|      |       | Hi Pr | 242  | 260  | 275  | 286  | 271  | 292  | 308  | 321  | 308  | 332  | 350  | 365  | 378  | 351  | 378  | 399  | 416  | 395  | 425  | 449  | 468  | 436  | 470  | 496  | 517  |
|      |       | Lo Pr | 115  | 122  | 133  | 142  | 121  | 129  | 141  | 150  | 126  | 134  | 147  | 156  | 164  | 133  | 141  | 154  | 164  | 139  | 148  | 161  | 172  | 144  | 153  | 167  | 178  |
| 1125 | MBh   | 37.5  | 38.2 | 40.0 | 42.7 | 36.6 | 37.3 | 39.1 | 41.7 | 35.7 | 36.4 | 38.1 | 40.7 | 34.8 | 35.5 | 37.2 | 39.7 | 33.1 | 33.7 | 35.3 | 37.7 | 30.7 | 31.3 | 32.7 | 34.9 |      |      |
|      | S/T   | 0.9   | 0.9  | 0.8  | 0.6  | 1.0  | 0.9  | 0.8  | 0.7  | 1.0  | 0.9  | 0.8  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 1.0  | 0.9  | 1.0  | 1.0  | 0.9  | 0.7  |      |      |
|      | ΔT    | 28    | 28   | 26   | 23   | 28   | 28   | 26   | 23   | 28   | 28   | 26   | 23   | 28   | 28   | 27   | 23   | 27   | 28   | 26   | 23   | 25   | 26   | 25   | 21   |      |      |
|      | kW    | 2.9   | 3.0  | 3.0  | 3.1  | 3.1  | 3.2  | 3.3  | 3.4  | 3.3  | 3.4  | 3.5  | 3.6  | 3.4  | 3.5  | 3.6  | 3.7  | 3.6  | 3.6  | 3.7  | 3.8  | 3.7  | 3.8  | 3.9  | 4.0  | 4.1  |      |
|      | Amps  | 12.5  | 12.8 | 13.1 | 13.5 | 13.4 | 13.6 | 14.0 | 14.4 | 14.3 | 14.6 | 15.0 | 15.5 | 15.2 | 15.5 | 15.9 | 16.4 | 16.0 | 16.3 | 16.8 | 17.4 | 16.8 | 17.2 | 17.7 | 18.3 |      |      |
|      | Hi Pr | 234   | 252  | 266  | 278  | 263  | 283  | 299  | 312  | 299  | 322  | 340  | 354  | 341  | 367  | 387  | 404  | 383  | 412  | 435  | 454  | 423  | 456  | 481  | 502  |      |      |
|      | Lo Pr | 111   | 119  | 129  | 138  | 118  | 125  | 137  | 146  | 122  | 130  | 142  | 151  | 129  | 137  | 149  | 159  | 135  | 143  | 157  | 167  | 139  | 148  | 162  | 172  |      |      |

# EXPANDED COOLING DATA — GP61348\*\*\*M41

|      |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
|------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
|      |         | 65                          |      |      |      | 75   |      |      |      | 85   |      |      |      | 95   |      |      |      | 105  |      |      |      | 115  |      |      |      |      |      |      |      |   |
| IDB  | AIRFLOW | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   |   |
| 70   | 1700    | MBh                         | 45.4 | 47.0 | 51.5 | -    | 44.3 | 45.9 | 50.3 | -    | 43.3 | 44.9 | 49.1 | -    | 42.2 | 43.8 | 47.9 | -    | 40.1 | 41.6 | 45.5 | -    | 37.2 | 38.5 | 42.2 | -    | 37.2 | 38.5 | 42.2 | - |
|      |         | S/T                         | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | - |
|      |         | ΔT                          | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 20   | 17   | 13   | -    | 19   | 17   | 13   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | - |
|      |         | kW                          | 3.3  | 3.3  | 3.4  | -    | 3.5  | 3.6  | 3.7  | -    | 3.7  | 3.8  | 3.9  | -    | 3.9  | 4.0  | 4.1  | -    | 4.0  | 4.1  | 4.3  | -    | 4.2  | 4.3  | 4.4  | -    | 4.2  | 4.3  | 4.4  | - |
|      |         | Amps                        | 15.9 | 16.2 | 16.6 | -    | 16.9 | 17.2 | 17.6 | -    | 17.9 | 18.3 | 18.7 | -    | 18.9 | 19.2 | 19.7 | -    | 19.8 | 20.2 | 20.7 | -    | 20.7 | 21.1 | 21.7 | -    | 20.7 | 21.1 | 21.7 | - |
|      |         | Hi Pr                       | 241  | 259  | 274  | -    | 270  | 291  | 307  | -    | 308  | 331  | 349  | -    | 350  | 377  | 398  | -    | 394  | 424  | 448  | -    | 435  | 468  | 495  | -    | 435  | 468  | 495  | - |
|      | Lo Pr   | 115                         | 123  | 134  | -    | 122  | 129  | 141  | -    | 126  | 135  | 147  | -    | 133  | 141  | 154  | -    | 139  | 148  | 162  | -    | 144  | 153  | 167  | -    | 144  | 153  | 167  | -    |   |
|      | 1520    | MBh                         | 44.7 | 46.3 | 50.8 | -    | 43.7 | 45.3 | 49.6 | -    | 42.6 | 44.2 | 48.4 | -    | 41.6 | 43.1 | 47.2 | -    | 39.5 | 41.0 | 44.9 | -    | 36.6 | 37.9 | 41.6 | -    | 36.6 | 37.9 | 41.6 | - |
|      |         | S/T                         | 0.7  | 0.6  | 0.4  | -    | 0.8  | 0.6  | 0.4  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | - |
|      |         | ΔT                          | 20   | 17   | 13   | -    | 20   | 18   | 13   | -    | 20   | 18   | 13   | -    | 21   | 18   | 14   | -    | 20   | 18   | 13   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | - |
|      |         | kW                          | 3.3  | 3.3  | 3.4  | -    | 3.5  | 3.6  | 3.7  | -    | 3.7  | 3.8  | 3.9  | -    | 3.9  | 3.9  | 4.1  | -    | 4.0  | 4.1  | 4.2  | -    | 4.2  | 4.2  | 4.4  | -    | 4.2  | 4.2  | 4.4  | - |
| Amps |         | 15.9                        | 16.1 | 16.5 | -    | 16.8 | 17.1 | 17.5 | -    | 17.9 | 18.2 | 18.6 | -    | 18.8 | 19.1 | 19.6 | -    | 19.7 | 20.1 | 20.6 | -    | 20.6 | 21.0 | 21.6 | -    | 20.6 | 21.0 | 21.6 | -    |   |
| 1330 | Hi Pr   | 239                         | 258  | 272  | -    | 269  | 289  | 305  | -    | 305  | 329  | 347  | -    | 348  | 374  | 395  | -    | 391  | 421  | 445  | -    | 432  | 465  | 491  | -    | 432  | 465  | 491  | -    |   |
|      | Lo Pr   | 114                         | 122  | 133  | -    | 121  | 129  | 140  | -    | 126  | 134  | 146  | -    | 132  | 140  | 153  | -    | 138  | 147  | 161  | -    | 143  | 152  | 166  | -    | 143  | 152  | 166  | -    |   |
|      | MBh     | 41.3                        | 42.8 | 46.9 | -    | 40.3 | 41.8 | 45.8 | -    | 39.4 | 40.8 | 44.7 | -    | 38.4 | 39.8 | 43.6 | -    | 36.5 | 37.8 | 41.4 | -    | 33.8 | 35.0 | 38.4 | -    | 33.8 | 35.0 | 38.4 | -    |   |
|      | S/T     | 0.7                         | 0.6  | 0.4  | -    | 0.7  | 0.6  | 0.4  | -    | 0.8  | 0.6  | 0.4  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    |   |
|      | ΔT      | 21                          | 18   | 14   | -    | 21   | 18   | 14   | -    | 21   | 18   | 14   | -    | 21   | 18   | 14   | -    | 21   | 18   | 14   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    |   |
|      | kW      | 3.2                         | 3.3  | 3.3  | -    | 3.4  | 3.5  | 3.6  | -    | 3.6  | 3.7  | 3.8  | -    | 3.8  | 3.9  | 4.0  | -    | 3.9  | 4.0  | 4.1  | -    | 4.1  | 4.1  | 4.3  | -    | 4.1  | 4.1  | 4.3  | -    |   |
|      | Amps    | 15.5                        | 15.8 | 16.2 | -    | 16.4 | 16.7 | 17.1 | -    | 17.5 | 17.8 | 18.3 | -    | 18.4 | 18.7 | 19.2 | -    | 19.3 | 19.7 | 20.2 | -    | 20.2 | 20.6 | 21.1 | -    | 20.2 | 20.6 | 21.1 | -    |   |
|      | Hi Pr   | 232                         | 250  | 264  | -    | 260  | 280  | 296  | -    | 296  | 319  | 337  | -    | 337  | 363  | 383  | -    | 380  | 408  | 431  | -    | 419  | 451  | 477  | -    | 419  | 451  | 477  | -    |   |
|      | Lo Pr   | 111                         | 118  | 129  | -    | 117  | 125  | 136  | -    | 122  | 130  | 141  | -    | 128  | 136  | 149  | -    | 134  | 143  | 156  | -    | 139  | 148  | 161  | -    | 139  | 148  | 161  | -    |   |

|       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| 75    | 1700  | MBh   | 46.2 | 47.5 | 51.4 | 55.2 | 45.1 | 46.4 | 50.2 | 53.9 | 44.0 | 45.3 | 49.0 | 52.6 | 42.9 | 44.2 | 47.8 | 51.4 | 40.8 | 42.0 | 45.5 | 48.8 | 37.8 | 38.9 | 42.1 | 45.2 |     |
|       |       | S/T   | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  |     |
|       |       | ΔT    | 22   | 20   | 17   | 12   | 22   | 21   | 17   | 12   | 22   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 22   | 21   | 17   | 12   | 20   | 19   | 16   | 11   |     |
|       |       | kW    | 3.3  | 3.4  | 3.5  | 3.6  | 3.5  | 3.6  | 3.7  | 3.8  | 3.7  | 3.8  | 3.7  | 3.8  | 3.9  | 3.9  | 4.0  | 4.1  | 4.3  | 4.1  | 4.2  | 4.3  | 4.4  | 4.2  | 4.3  | 4.4  | 4.6 |
|       |       | Amps  | 16.0 | 16.3 | 16.7 | 17.2 | 17.0 | 17.3 | 17.7 | 18.2 | 18.1 | 18.4 | 18.9 | 19.4 | 19.0 | 19.4 | 19.9 | 20.5 | 20.0 | 20.3 | 20.9 | 21.5 | 20.9 | 21.3 | 21.9 | 22.6 |     |
|       |       | Hi Pr | 243  | 262  | 277  | 289  | 273  | 294  | 310  | 324  | 311  | 334  | 353  | 368  | 354  | 381  | 402  | 419  | 398  | 428  | 452  | 472  | 440  | 473  | 500  | 521  |     |
|       |       | Lo Pr | 116  | 124  | 135  | 144  | 123  | 131  | 143  | 152  | 128  | 136  | 148  | 158  | 134  | 143  | 156  | 166  | 141  | 150  | 163  | 174  | 145  | 155  | 169  | 180  |     |
|       | 1520  | MBh   | 45.5 | 46.8 | 50.7 | 54.4 | 44.4 | 45.7 | 49.5 | 53.1 | 43.4 | 44.6 | 48.3 | 51.9 | 42.3 | 43.6 | 47.1 | 50.6 | 40.2 | 41.4 | 44.8 | 48.1 | 37.2 | 38.3 | 41.5 | 44.5 |     |
|       |       | S/T   | 0.8  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  |     |
|       |       | 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    | 3.3  | 3.3  | 3.4  | 3.5  | 3.5  | 3.6  | 3.7  | 3.8  | 3.7  | 3.8  | 3.7  | 3.8  | 3.9  | 3.9  | 4.0  | 4.1  | 4.2  | 4.1  | 4.1  | 4.3  | 4.4  | 4.2  | 4.3  | 4.4  | 4.5 |
| Amps  |       | 16.0  | 16.2 | 16.6 | 17.1 | 16.9 | 17.2 | 17.6 | 18.1 | 18.0 | 18.3 | 18.8 | 19.3 | 18.9 | 19.3 | 19.8 | 20.4 | 19.9 | 20.2 | 20.8 | 21.4 | 20.8 | 21.2 | 21.8 | 22.4 |      |     |
| Hi Pr |       | 242   | 260  | 275  | 287  | 271  | 292  | 308  | 321  | 308  | 332  | 351  | 366  | 351  | 378  | 399  | 416  | 395  | 425  | 449  | 468  | 437  | 470  | 496  | 518  |      |     |
| Lo Pr |       | 116   | 123  | 134  | 143  | 122  | 130  | 142  | 151  | 127  | 135  | 147  | 157  | 133  | 142  | 155  | 165  | 140  | 149  | 162  | 173  | 144  | 154  | 168  | 179  |      |     |
| 1330  | MBh   | 42.0  | 43.2 | 46.8 | 50.2 | 41.0 | 42.2 | 45.7 | 49.0 | 40.0 | 41.2 | 44.6 | 47.9 | 39.0 | 40.2 | 43.5 | 46.7 | 37.1 | 38.2 | 41.3 | 44.4 | 34.4 | 35.4 | 38.3 | 41.1 |      |     |
|       | S/T   | 0.8   | 0.7  | 0.6  | 0.4  | 0.8  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  |      |     |
|       | 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    | 3.2   | 3.3  | 3.4  | 3.5  | 3.4  | 3.5  | 3.6  | 3.7  | 3.6  | 3.7  | 3.8  | 3.9  | 3.8  | 3.9  | 4.0  | 4.1  | 4.0  | 4.0  | 4.2  | 4.3  | 4.1  | 4.2  | 4.3  | 4.4  | 4.4  |     |
|       | Amps  | 15.6  | 15.9 | 16.3 | 16.7 | 16.6 | 16.8 | 17.3 | 17.7 | 17.6 | 17.9 | 18.4 | 18.9 | 18.5 | 18.9 | 19.4 | 19.9 | 19.4 | 19.8 | 20.3 | 20.9 | 20.3 | 20.7 | 21.3 | 21.9 |      |     |
|       | Hi Pr | 234   | 252  | 266  | 278  | 263  | 283  | 299  | 312  | 299  | 322  | 340  | 355  | 341  | 367  | 387  | 404  | 383  | 413  | 436  | 454  | 424  | 456  | 481  | 502  |      |     |
|       | Lo Pr | 112   | 119  | 130  | 139  | 118  | 126  | 138  | 146  | 123  | 131  | 143  | 152  | 129  | 138  | 150  | 160  | 135  | 144  | 157  | 168  | 140  | 149  | 163  | 173  |      |     |

# EXPANDED COOLING DATA — GP61348\*\*\*M41 (CONT.)

|      |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      |         | 65                          |      |      |      |      |      | 75   |      |      |      |      |      | 85   |      |      |      |       |       | 95    |       |       |       |       |       | 105   |       |       |       |       |       | 115   |       |       |       |       |       |       |
| IDB  | 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   |
| 80   | MBh     | 47.0                        | 48.0 | 51.3 | 54.8 | 58.3 | 61.8 | 65.3 | 68.8 | 72.3 | 75.8 | 79.3 | 82.8 | 86.3 | 89.8 | 93.3 | 96.8 | 100.3 | 103.8 | 107.3 | 110.8 | 114.3 | 117.8 | 121.3 | 124.8 | 128.3 | 131.8 | 135.3 | 138.8 | 142.3 | 145.8 | 149.3 | 152.8 | 156.3 | 159.8 | 163.3 | 166.8 | 170.3 |
|      | S/T     | 1.0                         | 0.9  | 0.7  | 0.6  | 0.5  | 0.4  | 0.3  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |       |
|      | ΔT      | 25                          | 24   | 21   | 16   | 11   | 6    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |       |
|      | kW      | 3.3                         | 3.4  | 3.5  | 3.6  | 3.7  | 3.8  | 3.9  | 4.0  | 4.1  | 4.2  | 4.3  | 4.4  | 4.5  | 4.6  | 4.7  | 4.8  | 4.9   | 5.0   | 5.1   | 5.2   | 5.3   | 5.4   | 5.5   | 5.6   | 5.7   | 5.8   | 5.9   | 6.0   | 6.1   | 6.2   | 6.3   | 6.4   | 6.5   | 6.6   | 6.7   | 6.8   |       |
|      | Amps    | 16.1                        | 16.4 | 16.8 | 17.3 | 17.7 | 18.1 | 18.5 | 19.0 | 19.6 | 19.2 | 19.5 | 20.0 | 20.6 | 20.1 | 20.5 | 21.0 | 21.7  | 21.1  | 21.5  | 22.0  | 22.7  | 23.4  | 24.1  | 24.8  | 25.5  | 26.2  | 26.9  | 27.6  | 28.3  | 29.0  | 29.7  | 30.4  | 31.1  | 31.8  | 32.5  | 33.2  | 33.9  |
|      | Hi Pr   | 246                         | 265  | 279  | 291  | 303  | 315  | 327  | 339  | 351  | 363  | 375  | 387  | 399  | 411  | 423  | 435  | 447   | 459   | 471   | 483   | 495   | 507   | 519   | 531   | 543   | 555   | 567   | 579   | 591   | 603   | 615   | 627   | 639   | 651   | 663   | 675   |       |
|      | Lo Pr   | 118                         | 125  | 137  | 145  | 153  | 161  | 169  | 177  | 185  | 193  | 201  | 209  | 217  | 225  | 233  | 241  | 249   | 257   | 265   | 273   | 281   | 289   | 297   | 305   | 313   | 321   | 329   | 337   | 345   | 353   | 361   | 369   | 377   | 385   | 393   | 401   |       |
|      | MBh     | 46.3                        | 47.3 | 50.5 | 54.0 | 57.5 | 61.0 | 64.5 | 68.0 | 71.5 | 75.0 | 78.5 | 82.0 | 85.5 | 89.0 | 92.5 | 96.0 | 99.5  | 103.0 | 106.5 | 110.0 | 113.5 | 117.0 | 120.5 | 124.0 | 127.5 | 131.0 | 134.5 | 138.0 | 141.5 | 145.0 | 148.5 | 152.0 | 155.5 | 159.0 | 162.5 | 166.0 |       |
|      | S/T     | 0.9                         | 0.9  | 0.7  | 0.5  | 0.4  | 0.3  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |       |
|      | ΔT      | 26                          | 25   | 22   | 17   | 12   | 7    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |       |
|      | kW      | 3.3                         | 3.4  | 3.5  | 3.6  | 3.7  | 3.8  | 3.9  | 4.0  | 4.1  | 4.2  | 4.3  | 4.4  | 4.5  | 4.6  | 4.7  | 4.8  | 4.9   | 5.0   | 5.1   | 5.2   | 5.3   | 5.4   | 5.5   | 5.6   | 5.7   | 5.8   | 5.9   | 6.0   | 6.1   | 6.2   | 6.3   | 6.4   | 6.5   | 6.6   | 6.7   | 6.8   |       |
|      | Amps    | 16.1                        | 16.3 | 16.7 | 17.2 | 17.6 | 18.0 | 18.4 | 18.9 | 19.5 | 19.1 | 19.4 | 19.9 | 20.5 | 20.0 | 20.4 | 20.9 | 21.6  | 20.9  | 21.4  | 21.9  | 22.6  | 23.3  | 24.0  | 24.7  | 25.4  | 26.1  | 26.8  | 27.5  | 28.2  | 28.9  | 29.6  | 30.3  | 31.0  | 31.7  | 32.4  | 33.1  | 33.8  |
|      | Hi Pr   | 244                         | 263  | 277  | 289  | 301  | 313  | 325  | 337  | 350  | 362  | 374  | 386  | 398  | 410  | 422  | 434  | 446   | 458   | 470   | 482   | 494   | 506   | 518   | 530   | 542   | 554   | 566   | 578   | 590   | 602   | 614   | 626   | 638   | 650   | 662   | 674   |       |
|      | Lo Pr   | 117                         | 124  | 136  | 144  | 152  | 160  | 168  | 176  | 184  | 192  | 200  | 208  | 216  | 224  | 232  | 240  | 248   | 256   | 264   | 272   | 280   | 288   | 296   | 304   | 312   | 320   | 328   | 336   | 344   | 352   | 360   | 368   | 376   | 384   | 392   | 400   |       |
| 1330 | MBh     | 42.7                        | 43.6 | 46.6 | 49.9 | 53.2 | 56.5 | 59.8 | 63.1 | 66.4 | 69.7 | 73.0 | 76.3 | 79.6 | 82.9 | 86.2 | 89.5 | 92.8  | 96.1  | 99.4  | 102.7 | 106.0 | 109.3 | 112.6 | 115.9 | 119.2 | 122.5 | 125.8 | 129.1 | 132.4 | 135.7 | 139.0 | 142.3 | 145.6 | 148.9 | 152.2 | 155.5 |       |
|      | S/T     | 0.9                         | 0.8  | 0.7  | 0.5  | 0.4  | 0.3  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |       |       |
|      | ΔT      | 27                          | 25   | 22   | 18   | 14   | 10   | 6    | 3    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |       |       |
|      | kW      | 3.2                         | 3.3  | 3.4  | 3.5  | 3.6  | 3.7  | 3.8  | 3.9  | 4.0  | 4.1  | 4.2  | 4.3  | 4.4  | 4.5  | 4.6  | 4.7  | 4.8   | 4.9   | 5.0   | 5.1   | 5.2   | 5.3   | 5.4   | 5.5   | 5.6   | 5.7   | 5.8   | 5.9   | 6.0   | 6.1   | 6.2   | 6.3   | 6.4   | 6.5   | 6.6   |       |       |
|      | Amps    | 15.7                        | 16.0 | 16.4 | 16.8 | 17.2 | 17.6 | 18.0 | 18.5 | 19.0 | 18.7 | 19.0 | 19.5 | 20.1 | 19.6 | 19.9 | 20.5 | 21.1  | 20.5  | 20.9  | 21.4  | 22.1  | 22.8  | 23.5  | 24.2  | 24.9  | 25.6  | 26.3  | 27.0  | 27.7  | 28.4  | 29.1  | 29.8  | 30.5  | 31.2  | 31.9  | 32.6  |       |
|      | Hi Pr   | 237                         | 255  | 269  | 281  | 293  | 305  | 317  | 329  | 341  | 353  | 365  | 377  | 389  | 401  | 413  | 425  | 437   | 449   | 461   | 473   | 485   | 497   | 509   | 521   | 533   | 545   | 557   | 569   | 581   | 593   | 605   | 617   | 629   | 641   | 653   |       |       |
|      | Lo Pr   | 113                         | 120  | 131  | 140  | 150  | 160  | 170  | 180  | 190  | 200  | 210  | 220  | 230  | 240  | 250  | 260  | 270   | 280   | 290   | 300   | 310   | 320   | 330   | 340   | 350   | 360   | 370   | 380   | 390   | 400   | 410   | 420   | 430   | 440   | 450   |       |       |
|      | MBh     | 41.0                        | 41.9 | 44.9 | 48.2 | 51.5 | 54.8 | 58.1 | 61.4 | 64.7 | 68.0 | 71.3 | 74.6 | 77.9 | 81.2 | 84.5 | 87.8 | 91.1  | 94.4  | 97.7  | 101.0 | 104.3 | 107.6 | 110.9 | 114.2 | 117.5 | 120.8 | 124.1 | 127.4 | 130.7 | 134.0 | 137.3 | 140.6 | 143.9 | 147.2 | 150.5 |       |       |
|      | S/T     | 0.9                         | 0.8  | 0.7  | 0.5  | 0.4  | 0.3  | 0.2  | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |       |       |
|      | ΔT      | 27                          | 25   | 22   | 18   | 14   | 10   | 6    | 3    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |       |       |
|      | kW      | 3.2                         | 3.3  | 3.4  | 3.5  | 3.6  | 3.7  | 3.8  | 3.9  | 4.0  | 4.1  | 4.2  | 4.3  | 4.4  | 4.5  | 4.6  | 4.7  | 4.8   | 4.9   | 5.0   | 5.1   | 5.2   | 5.3   | 5.4   | 5.5   | 5.6   | 5.7   | 5.8   | 5.9   | 6.0   | 6.1   | 6.2   | 6.3   | 6.4   | 6.5   | 6.6   |       |       |
|      | Amps    | 15.7                        | 16.0 | 16.4 | 16.8 | 17.2 | 17.6 | 18.0 | 18.5 | 19.0 | 18.7 | 19.0 | 19.5 | 20.1 | 19.6 | 19.9 | 20.5 | 21.1  | 20.5  | 20.9  | 21.4  | 22.1  | 22.8  | 23.5  | 24.2  | 24.9  | 25.6  | 26.3  | 27.0  | 27.7  | 28.4  | 29.1  | 29.8  | 30.5  | 31.2  | 31.9  | 32.6  |       |
|      | Hi Pr   | 237                         | 255  | 269  | 281  | 293  | 305  | 317  | 329  | 341  | 353  | 365  | 377  | 389  | 401  | 413  | 425  | 437   | 449   | 461   | 473   | 485   | 497   | 509   | 521   | 533   | 545   | 557   | 569   | 581   | 593   | 605   | 617   | 629   | 641   | 653   |       |       |
|      | Lo Pr   | 113                         | 120  | 131  | 140  | 150  | 160  | 170  | 180  | 190  | 200  | 210  | 220  | 230  | 240  | 250  | 260  | 270   | 280   | 290   | 300   | 310   | 320   | 330   | 340   | 350   | 360   | 370   | 380   | 390   | 400   | 410   | 420   | 430   | 440   | 450   |       |       |

|      |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| 85   | 1700  | MBh   | 47.8 | 48.7 | 51.0 | 54.4 | 46.7 | 47.6 | 49.8 | 53.2 | 45.6 | 46.5 | 48.7 | 51.9 | 44.5 | 45.3 | 47.5 | 50.6 | 42.2 | 43.1 | 45.1 | 48.1 | 39.1 | 39.9 | 41.8 | 44.6 |     |
|      |       | S/T   | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.8  | 1.0  | 1.0  | 1.0  | 0.8  | 1.0  | 1.0  | 1.0  | 0.8  | 1.0  | 1.0  | 1.0  | 0.8  |     |
|      |       | ΔT    | 26   | 26   | 25   | 21   | 25   | 26   | 25   | 21   | 25   | 25   | 25   | 21   | 24   | 25   | 25   | 22   | 23   | 23   | 24   | 21   | 21   | 22   | 23   | 20   |     |
|      |       | kW    | 3.4  | 3.4  | 3.5  | 3.6  | 3.6  | 3.7  | 3.8  | 3.9  | 3.8  | 3.8  | 3.9  | 4.0  | 4.1  | 4.0  | 4.1  | 4.2  | 4.3  | 4.1  | 4.2  | 4.4  | 4.5  | 4.3  | 4.4  | 4.5  | 4.6 |
|      |       | Amps  | 16.2 | 16.5 | 16.9 | 17.4 | 17.2 | 17.5 | 18.0 | 18.5 | 18.3 | 18.7 | 19.1 | 19.7 | 19.3 | 19.7 | 20.2 | 20.8 | 20.3 | 20.6 | 21.2 | 21.8 | 21.2 | 21.6 | 22.2 | 22.9 |     |
|      |       | Hi Pr | 248  | 267  | 282  | 294  | 279  | 300  | 317  | 330  | 317  | 341  | 360  | 376  | 361  | 388  | 410  | 428  | 406  | 437  | 461  | 481  | 449  | 483  | 510  | 532  |     |
|      |       | Lo Pr | 119  | 126  | 138  | 147  | 125  | 133  | 146  | 155  | 130  | 139  | 151  | 161  | 137  | 146  | 159  | 169  | 143  | 153  | 167  | 177  | 148  | 158  | 172  | 184  |     |
|      | 1520  | MBh   | 47.1 | 48.0 | 50.3 | 53.6 | 46.0 | 46.9 | 49.1 | 52.4 | 44.9 | 45.8 | 47.9 | 51.1 | 43.8 | 44.7 | 46.8 | 49.9 | 41.6 | 42.4 | 44.4 | 47.4 | 38.5 | 39.3 | 41.2 | 43.9 |     |
|      |       | S/T   | 1.0  | 0.9  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.8  | 1.0  | 1.0  | 1.0  | 0.8  | 1.0  | 1.0  | 1.0  | 0.8  |     |
|      |       | ΔT    | 28   | 27   | 26   | 22   | 28   | 28   | 26   | 23   | 27   | 28   | 26   | 23   | 26   | 27   | 26   | 23   | 25   | 26   | 26   | 23   | 23   | 24   | 24   | 21   |     |
|      |       | kW    | 3.3  | 3.4  | 3.5  | 3.6  | 3.6  | 3.6  | 3.7  | 3.9  | 3.8  | 3.9  | 4.0  | 4.1  | 4.0  | 4.0  | 4.2  | 4.3  | 4.1  | 4.2  | 4.3  | 4.5  | 4.3  | 4.3  | 4.5  | 4.6  |     |
|      |       | Amps  | 16.2 | 16.5 | 16.8 | 17.3 | 17.1 | 17.4 | 17.9 | 18.4 | 18.2 | 18.6 | 19.0 | 19.6 | 19.2 | 19.6 | 20.1 | 20.7 | 20.2 | 20.5 | 21.1 | 21.7 | 21.1 | 21.5 | 22.1 | 22.8 |     |
|      |       | Hi Pr | 247  | 265  | 280  | 292  | 277  | 298  | 314  | 328  | 315  | 339  | 358  | 373  | 358  | 386  | 407  | 425  | 403  | 434  | 458  | 478  | 446  | 479  | 506  | 528  |     |
|      |       | Lo Pr | 118  | 125  | 137  | 146  | 125  | 132  | 145  | 154  | 129  | 138  | 150  | 160  | 136  | 145  | 158  | 168  | 142  | 152  | 165  | 176  | 147  | 157  | 171  | 182  |     |
| 1330 | MBh   | 43.5  | 44.3 | 46.4 | 49.5 | 42.5 | 43.3 | 45.3 | 48.4 | 41.4 | 42.2 | 44.2 | 47.2 | 40.4 | 41.2 | 43.2 | 46.0 | 38.4 | 39.2 | 41.0 | 43.7 | 35.6 | 36.3 | 38.0 | 40.5 |      |     |
|      | S/T   | 0.9   | 0.9  | 0.8  | 0.7  | 1.0  | 0.9  | 0.8  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.8  | 1.0  | 1.0  | 0.9  | 0.8  |      |     |
|      | 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    | 3.3   | 3.3  | 3.4  | 3.5  | 3.5  | 3.6  | 3.7  | 3.8  | 3.7  | 3.8  | 3.9  | 4.0  | 3.9  | 3.9  | 3.9  | 4.1  | 4.2  | 4.0  | 4.1  | 4.2  | 4.1  | 4.2  | 4.4  | 4.5  |      |     |
|      | Amps  | 15.8  | 16.1 | 16.5 | 17.0 | 16.8 | 17.1 | 17.5 | 18.0 | 17.9 | 18.2 | 18.6 | 19.2 | 18.8 | 19.1 | 19.6 | 20.2 | 19.7 | 20.1 | 20.6 | 21.2 | 20.6 | 21.0 | 21.6 | 22.3 |      |     |
|      | Hi Pr | 239   | 257  | 272  | 284  | 268  | 289  | 305  | 318  | 305  | 329  | 347  | 362  | 348  | 374  | 395  | 412  | 391  | 421  | 445  | 464  | 432  | 465  | 491  | 512  |      |     |
|      | Lo Pr | 114   | 122  | 133  | 141  | 121  | 129  | 140  | 149  | 126  | 134  | 146  | 155  | 132  | 140  | 153  | 163  | 138  | 147  | 161  | 171  | 143  | 152  | 166  | 177  |      |     |

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

Shaded area reflects AHRI (TVA) conditions.

kW = Total system power  
Amps: Unit amps (comp.+ evaporator + condenser fan motors)

# EXPANDED COOLING DATA — GP61360\*\*\*M41

|      |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |
|------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
|      |         | 65                          |      |      |      | 75   |      |      |      | 85   |      |      |      | 95   |      |      |      | 105  |      |      |      | 115  |      |      |      |      |      |      |      |   |
| IDB  | AIRFLOW | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   |   |
| 70   | 2035    | MBh                         | 56.3 | 58.4 | 64.0 | -    | 53.7 | 55.7 | 61.0 | -    | 52.4 | 54.3 | 59.5 | -    | 49.8 | 51.6 | 56.5 | -    | 46.1 | 47.8 | 52.4 | -    | 45.1 | 46.8 | 51.4 | -    | 40.1 | 41.8 | 46.4 | - |
|      |         | S/T                         | 0.8  | 0.6  | 0.4  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | -    | 0.9  | 0.7  | 0.5  | -    | 1.0  | 0.8  | 0.6  | - |
|      |         | ΔT                          | 19   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | - |
|      |         | kW                          | 4.3  | 4.3  | 4.5  | -    | 4.6  | 4.7  | 4.8  | -    | 4.8  | 4.9  | 5.1  | -    | 5.1  | 5.2  | 5.3  | -    | 5.3  | 5.4  | 5.6  | -    | 5.5  | 5.6  | 5.7  | -    | 5.5  | 5.6  | 5.7  | - |
|      |         | Amps                        | 18.0 | 18.4 | 18.9 | -    | 19.2 | 19.6 | 20.2 | -    | 20.7 | 21.1 | 21.7 | -    | 21.9 | 22.3 | 23.0 | -    | 23.1 | 23.6 | 24.3 | -    | 24.3 | 24.9 | 25.6 | -    | 24.3 | 24.9 | 25.6 | - |
|      |         | Hi Pr                       | 241  | 260  | 274  | -    | 271  | 291  | 308  | -    | 308  | 331  | 350  | -    | 351  | 377  | 399  | -    | 395  | 425  | 448  | -    | 436  | 469  | 495  | -    | 436  | 469  | 495  | - |
|      | Lo Pr   | 109                         | 116  | 127  | -    | 115  | 123  | 134  | -    | 120  | 127  | 139  | -    | 126  | 134  | 146  | -    | 132  | 140  | 153  | -    | 136  | 145  | 158  | -    | 136  | 145  | 158  | -    |   |
|      | 1810    | MBh                         | 54.7 | 56.7 | 62.1 | -    | 53.4 | 55.4 | 60.7 | -    | 52.2 | 54.1 | 59.2 | -    | 50.9 | 52.7 | 57.8 | -    | 48.3 | 50.1 | 54.9 | -    | 44.8 | 46.4 | 50.9 | -    | 44.8 | 46.4 | 50.9 | - |
|      |         | S/T                         | 0.7  | 0.6  | 0.4  | -    | 0.8  | 0.6  | 0.4  | -    | 0.8  | 0.6  | 0.4  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | - |
|      |         | ΔT                          | 20   | 18   | 13   | -    | 21   | 18   | 13   | -    | 21   | 18   | 13   | -    | 21   | 18   | 14   | -    | 20   | 18   | 13   | -    | 19   | 16   | 13   | -    | 19   | 16   | 13   | - |
|      |         | kW                          | 4.2  | 4.3  | 4.4  | -    | 4.5  | 4.6  | 4.8  | -    | 4.8  | 4.9  | 5.1  | -    | 5.0  | 5.1  | 5.3  | -    | 5.2  | 5.3  | 5.5  | -    | 5.4  | 5.5  | 5.7  | -    | 5.4  | 5.5  | 5.7  | - |
| Amps |         | 17.9                        | 18.2 | 18.7 | -    | 19.1 | 19.5 | 20.0 | -    | 20.5 | 20.9 | 21.5 | -    | 21.7 | 22.2 | 22.8 | -    | 22.9 | 23.4 | 24.1 | -    | 24.1 | 24.7 | 25.4 | -    | 24.1 | 24.7 | 25.4 | -    |   |
| 1590 | Hi Pr   | 239                         | 257  | 272  | -    | 268  | 289  | 305  | -    | 305  | 328  | 346  | -    | 347  | 374  | 395  | -    | 391  | 420  | 444  | -    | 432  | 465  | 491  | -    | 432  | 465  | 491  | -    |   |
|      | Lo Pr   | 108                         | 115  | 125  | -    | 114  | 121  | 132  | -    | 119  | 126  | 138  | -    | 125  | 132  | 145  | -    | 131  | 139  | 152  | -    | 135  | 144  | 157  | -    | 135  | 144  | 157  | -    |   |
|      | MBh     | 50.5                        | 52.3 | 57.3 | -    | 49.3 | 51.1 | 56.0 | -    | 48.1 | 49.9 | 54.7 | -    | 47.0 | 48.7 | 53.3 | -    | 44.6 | 46.2 | 50.7 | -    | 41.3 | 42.8 | 46.9 | -    | 41.3 | 42.8 | 46.9 | -    |   |
|      | S/T     | 0.7                         | 0.6  | 0.4  | -    | 0.7  | 0.6  | 0.4  | -    | 0.7  | 0.6  | 0.4  | -    | 0.8  | 0.6  | 0.4  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    | 0.8  | 0.7  | 0.5  | -    |   |
|      | ΔT      | 21                          | 18   | 13   | -    | 21   | 18   | 14   | -    | 21   | 18   | 14   | -    | 21   | 18   | 14   | -    | 21   | 18   | 14   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    |   |
|      | kW      | 4.1                         | 4.2  | 4.3  | -    | 4.4  | 4.5  | 4.7  | -    | 4.7  | 4.8  | 4.9  | -    | 4.9  | 5.0  | 5.2  | -    | 5.1  | 5.2  | 5.4  | -    | 5.3  | 5.4  | 5.6  | -    | 5.3  | 5.4  | 5.6  | -    |   |
|      | Amps    | 17.5                        | 17.8 | 18.3 | -    | 18.6 | 19.0 | 19.6 | -    | 20.0 | 20.4 | 21.0 | -    | 21.2 | 21.6 | 22.3 | -    | 22.4 | 22.8 | 23.5 | -    | 23.5 | 24.0 | 24.8 | -    | 23.5 | 24.0 | 24.8 | -    |   |
|      | Hi Pr   | 232                         | 249  | 263  | -    | 260  | 280  | 296  | -    | 296  | 318  | 336  | -    | 337  | 363  | 383  | -    | 379  | 408  | 431  | -    | 419  | 451  | 476  | -    | 419  | 451  | 476  | -    |   |
|      | Lo Pr   | 105                         | 111  | 122  | -    | 111  | 118  | 129  | -    | 115  | 122  | 134  | -    | 121  | 129  | 140  | -    | 127  | 135  | 147  | -    | 131  | 139  | 152  | -    | 131  | 139  | 152  | -    |   |

|      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2035 | MBh   | 57.3 | 59.0 | 63.9 | 68.5 | 56.0 | 57.6 | 62.4 | 66.9 | 54.6 | 56.3 | 60.9 | 65.3 | 53.3 | 54.9 | 59.4 | 63.8 | 50.6 | 52.1 | 56.4 | 60.6 | 46.9 | 48.3 | 52.3 | 56.1 |
|      | S/T   | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 1.0  | 0.9  | 0.6  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  | 1.0  | 0.9  | 0.7  | 0.4  |
|      | 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    | 4.3  | 4.4  | 4.5  | 4.6  | 4.6  | 4.7  | 4.8  | 5.0  | 4.9  | 5.0  | 5.1  | 5.3  | 5.1  | 5.2  | 5.4  | 5.6  | 5.3  | 5.4  | 5.6  | 5.8  | 5.5  | 5.6  | 5.8  | 6.0  |
|      | Amps  | 18.1 | 18.5 | 19.0 | 19.6 | 19.4 | 19.8 | 20.3 | 21.0 | 20.8 | 21.3 | 21.9 | 22.6 | 22.1 | 22.5 | 23.2 | 24.0 | 23.3 | 23.8 | 24.5 | 25.3 | 24.5 | 25.1 | 25.8 | 26.7 |
|      | Hi Pr | 244  | 262  | 277  | 289  | 274  | 294  | 311  | 324  | 311  | 335  | 354  | 369  | 354  | 381  | 403  | 420  | 399  | 429  | 453  | 472  | 440  | 474  | 501  | 522  |
|      | 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  |
|      | MBh   | 55.6 | 57.3 | 62.0 | 66.5 | 54.3 | 55.9 | 60.6 | 65.0 | 53.0 | 54.6 | 59.1 | 63.4 | 51.8 | 53.3 | 57.7 | 61.9 | 49.2 | 50.6 | 54.8 | 58.8 | 45.5 | 46.9 | 50.8 | 54.5 |
|      | S/T   | 0.8  | 0.7  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 1.0  | 0.9  | 0.6  | 0.4  |
|      | 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   |
| 1810 | kW    | 4.3  | 4.3  | 4.5  | 4.6  | 4.6  | 4.7  | 4.8  | 5.0  | 4.8  | 4.9  | 5.1  | 5.3  | 5.1  | 5.2  | 5.3  | 5.5  | 5.3  | 5.4  | 5.6  | 5.7  | 5.5  | 5.6  | 5.7  | 5.9  |
|      | Amps  | 18.0 | 18.4 | 18.9 | 19.5 | 19.2 | 19.6 | 20.2 | 20.8 | 20.7 | 21.1 | 21.7 | 22.4 | 21.9 | 22.4 | 23.0 | 23.8 | 23.1 | 23.6 | 24.3 | 25.1 | 24.3 | 24.9 | 25.6 | 26.5 |
|      | Hi Pr | 241  | 260  | 274  | 286  | 271  | 291  | 308  | 321  | 308  | 331  | 350  | 365  | 351  | 378  | 399  | 416  | 395  | 425  | 449  | 468  | 436  | 469  | 496  | 517  |
|      | 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  |
|      | MBh   | 51.3 | 52.9 | 57.2 | 61.4 | 50.2 | 51.6 | 55.9 | 60.0 | 49.0 | 50.4 | 54.6 | 58.6 | 47.8 | 49.2 | 53.2 | 57.1 | 45.4 | 46.7 | 50.6 | 54.3 | 42.0 | 43.3 | 46.8 | 50.3 |
|      | S/T   | 0.8  | 0.7  | 0.5  | 0.3  | 0.8  | 0.7  | 0.6  | 0.4  | 0.8  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  | 0.9  | 0.8  | 0.6  | 0.4  |
|      | 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    | 4.2  | 4.3  | 4.4  | 4.5  | 4.5  | 4.6  | 4.7  | 4.8  | 4.7  | 4.8  | 5.0  | 5.1  | 5.0  | 5.1  | 5.2  | 5.4  | 5.2  | 5.3  | 5.4  | 5.6  | 5.3  | 5.4  | 5.6  | 5.8  |
|      | Amps  | 17.6 | 17.9 | 18.4 | 19.0 | 18.8 | 19.2 | 19.7 | 20.3 | 20.2 | 20.6 | 21.2 | 21.9 | 21.4 | 21.8 | 22.4 | 23.2 | 22.6 | 23.0 | 23.7 | 24.5 | 23.7 | 24.2 | 25.0 | 25.8 |
|      | Hi Pr | 234  | 252  | 266  | 277  | 263  | 283  | 299  | 311  | 299  | 322  | 340  | 354  | 340  | 366  | 387  | 403  | 383  | 412  | 435  | 454  | 423  | 455  | 481  | 501  |
|      | 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  |

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

# EXPANDED COOLING DATA — GP61360\*\*\*M41 (CONT.)

|                                                              |         | OUTDOOR AMBIENT TEMPERATURE                                                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|--------------------------------------------------------------|---------|--------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
|                                                              |         | 65                                                                             |      |      |      | 75   |      |      |      | 85   |      |      |      | 95   |      |      |      | 105  |      |      |      | 115  |      |      |      |      |     |
|                                                              |         | ENTERING INDOOR WET BULB TEMPERATURE                                           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| IDB                                                          | AIRFLOW | 59                                                                             | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   |      |     |
| 80                                                           | 2035    | MBh                                                                            | 58.3 | 59.6 | 63.7 | 68.1 | 57.0 | 58.2 | 62.2 | 66.5 | 55.6 | 56.8 | 60.7 | 64.9 | 54.3 | 55.4 | 59.2 | 63.3 | 51.5 | 52.7 | 56.3 | 60.1 | 47.7 | 48.8 | 52.1 | 55.7 |     |
|                                                              |         | S/T                                                                            | 1.0  | 0.9  | 0.7  | 0.5  | 1.0  | 0.9  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  |     |
|                                                              |         | ΔT                                                                             | 25   | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 25   | 21   | 17   | 23   | 24   | 21   | 17   | 22   | 22   | 20   | 16   |     |
|                                                              |         | kW                                                                             | 4.3  | 4.4  | 4.5  | 4.7  | 4.6  | 4.7  | 4.9  | 5.0  | 5.3  | 4.9  | 5.0  | 5.2  | 5.3  | 5.2  | 5.3  | 5.4  | 5.6  | 5.4  | 5.5  | 5.7  | 5.8  | 5.5  | 5.7  | 5.8  | 6.0 |
|                                                              |         | Amps                                                                           | 18.3 | 18.7 | 19.2 | 19.8 | 19.5 | 19.9 | 20.5 | 21.2 | 21.0 | 21.4 | 22.0 | 22.8 | 22.2 | 22.7 | 23.4 | 24.2 | 23.5 | 24.0 | 24.7 | 25.6 | 24.7 | 25.3 | 26.0 | 26.9 |     |
|                                                              | 1810    | Hi Pr                                                                          | 246  | 265  | 280  | 292  | 276  | 297  | 314  | 327  | 314  | 338  | 357  | 372  | 358  | 385  | 407  | 424  | 403  | 433  | 458  | 477  | 445  | 479  | 506  | 527  |     |
|                                                              |         | 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  |     |
|                                                              |         | MBh                                                                            | 56.6 | 57.9 | 61.8 | 66.1 | 55.3 | 56.5 | 60.4 | 64.5 | 54.0 | 55.2 | 58.9 | 63.0 | 52.7 | 53.8 | 57.5 | 61.5 | 50.0 | 51.1 | 54.6 | 58.4 | 46.3 | 47.4 | 50.6 | 54.1 |     |
|                                                              |         | S/T                                                                            | 0.9  | 0.9  | 0.7  | 0.5  | 0.9  | 0.9  | 0.7  | 0.5  | 1.0  | 0.9  | 0.7  | 0.6  | 1.0  | 0.9  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  | 1.0  | 1.0  | 0.8  | 0.6  |     |
|                                                              |         | ΔT                                                                             | 26   | 25   | 22   | 17   | 26   | 25   | 22   | 18   | 26   | 25   | 22   | 18   | 27   | 26   | 22   | 18   | 25   | 25   | 22   | 18   | 24   | 24   | 20   | 16   |     |
| 1590                                                         | 1810    | kW                                                                             | 4.3  | 4.4  | 4.5  | 4.6  | 4.6  | 4.7  | 4.8  | 5.0  | 4.9  | 5.0  | 5.1  | 5.3  | 5.1  | 5.2  | 5.4  | 5.6  | 5.3  | 5.4  | 5.6  | 5.8  | 5.5  | 5.6  | 5.8  | 6.0  |     |
|                                                              |         | Amps                                                                           | 18.1 | 18.5 | 19.0 | 19.6 | 19.4 | 19.8 | 20.3 | 21.0 | 20.8 | 21.3 | 21.9 | 22.6 | 22.1 | 22.5 | 23.2 | 24.0 | 23.3 | 23.8 | 24.5 | 25.3 | 24.5 | 25.1 | 25.8 | 26.7 |     |
|                                                              |         | Hi Pr                                                                          | 244  | 262  | 277  | 289  | 274  | 294  | 311  | 324  | 311  | 335  | 354  | 369  | 354  | 381  | 403  | 420  | 399  | 429  | 453  | 473  | 440  | 474  | 501  | 522  |     |
|                                                              |         | 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  |     |
|                                                              |         | MBh                                                                            | 52.3 | 53.4 | 57.1 | 61.0 | 51.0 | 52.2 | 55.7 | 59.6 | 49.8 | 50.9 | 54.4 | 58.2 | 48.6 | 49.7 | 53.1 | 56.7 | 46.2 | 47.2 | 50.4 | 53.9 | 42.8 | 43.7 | 46.7 | 49.9 |     |
|                                                              | 1590    | S/T                                                                            | 0.9  | 0.8  | 0.7  | 0.5  | 0.9  | 0.9  | 0.7  | 0.5  | 0.9  | 0.9  | 0.7  | 0.5  | 1.0  | 0.9  | 0.7  | 0.5  | 1.0  | 0.9  | 0.8  | 0.6  | 1.0  | 0.9  | 0.8  | 0.6  |     |
|                                                              |         | ΔT                                                                             | 26   | 25   | 22   | 18   | 27   | 26   | 22   | 18   | 27   | 26   | 22   | 18   | 27   | 26   | 23   | 18   | 27   | 26   | 22   | 18   | 25   | 24   | 21   | 17   |     |
|                                                              |         | kW                                                                             | 4.2  | 4.3  | 4.4  | 4.5  | 4.5  | 4.6  | 4.7  | 4.9  | 4.8  | 4.9  | 5.0  | 5.2  | 5.0  | 5.1  | 5.3  | 5.4  | 5.2  | 5.3  | 5.5  | 5.6  | 5.4  | 5.5  | 5.7  | 5.8  |     |
|                                                              |         | Amps                                                                           | 17.7 | 18.1 | 18.6 | 19.2 | 18.9 | 19.3 | 19.9 | 20.5 | 20.3 | 20.8 | 21.3 | 22.0 | 21.5 | 22.0 | 22.6 | 23.4 | 22.7 | 23.2 | 23.9 | 24.7 | 23.9 | 24.4 | 25.2 | 26.0 |     |
|                                                              |         | Hi Pr                                                                          | 236  | 255  | 269  | 280  | 265  | 286  | 302  | 315  | 302  | 325  | 343  | 358  | 344  | 370  | 391  | 407  | 387  | 416  | 439  | 458  | 427  | 460  | 486  | 506  |     |
| 85                                                           | 2035    | Lo Pr                                                                          | 107  | 114  | 124  | 132  | 113  | 120  | 131  | 140  | 117  | 125  | 136  | 145  | 123  | 131  | 143  | 152  | 129  | 137  | 150  | 160  | 134  | 142  | 155  | 165  |     |
|                                                              |         | MBh                                                                            | 59.3 | 60.5 | 63.3 | 67.6 | 58.0 | 59.1 | 61.9 | 66.0 | 56.6 | 57.7 | 60.4 | 64.4 | 55.2 | 56.3 | 58.9 | 62.9 | 52.4 | 53.5 | 56.0 | 59.7 | 48.6 | 49.5 | 51.9 | 55.3 |     |
|                                                              |         | S/T                                                                            | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.8  | 1.0  | 1.0  | 1.0  | 0.8  | 1.0  | 1.0  | 1.0  | 0.8  | 1.0  | 1.0  | 1.0  | 0.8  |     |
|                                                              |         | ΔT                                                                             | 27   | 26   | 25   | 22   | 26   | 27   | 25   | 22   | 26   | 26   | 25   | 22   | 25   | 25   | 25   | 22   | 24   | 24   | 25   | 22   | 22   | 22   | 23   | 20   |     |
|                                                              |         | kW                                                                             | 4.4  | 4.4  | 4.6  | 4.7  | 4.7  | 4.8  | 4.9  | 5.1  | 5.0  | 5.1  | 5.2  | 5.4  | 5.2  | 5.3  | 5.5  | 5.6  | 5.4  | 5.5  | 5.7  | 5.9  | 5.6  | 5.7  | 5.9  | 6.1  |     |
|                                                              | 1810    | Amps                                                                           | 18.4 | 18.8 | 19.3 | 19.9 | 19.7 | 20.1 | 20.7 | 21.3 | 21.2 | 21.6 | 22.2 | 23.0 | 22.4 | 22.9 | 23.6 | 24.4 | 23.7 | 24.2 | 24.9 | 25.8 | 24.9 | 25.5 | 26.2 | 27.1 |     |
|                                                              |         | Hi Pr                                                                          | 249  | 268  | 283  | 295  | 279  | 300  | 317  | 331  | 317  | 342  | 361  | 376  | 361  | 389  | 411  | 428  | 407  | 438  | 462  | 482  | 449  | 484  | 511  | 533  |     |
|                                                              |         | Lo Pr                                                                          | 112  | 120  | 131  | 139  | 119  | 126  | 138  | 147  | 123  | 131  | 143  | 153  | 130  | 138  | 151  | 160  | 136  | 145  | 158  | 168  | 141  | 150  | 163  | 174  |     |
|                                                              |         | MBh                                                                            | 57.6 | 58.7 | 61.5 | 65.6 | 56.3 | 57.4 | 60.1 | 64.1 | 54.9 | 56.0 | 58.6 | 62.6 | 53.6 | 54.6 | 57.2 | 61.0 | 50.9 | 51.9 | 54.4 | 58.0 | 47.2 | 48.1 | 50.3 | 53.7 |     |
|                                                              |         | S/T                                                                            | 1.0  | 0.9  | 0.8  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.8  | 1.0  | 1.0  | 1.0  | 0.8  |     |
| 1590                                                         | ΔT      | 28                                                                             | 27   | 26   | 22   | 28   | 28   | 26   | 23   | 28   | 28   | 26   | 23   | 27   | 28   | 26   | 23   | 26   | 26   | 26   | 23   | 24   | 24   | 24   | 21   |      |     |
|                                                              | kW      | 4.3                                                                            | 4.4  | 4.5  | 4.7  | 4.6  | 4.7  | 4.9  | 5.0  | 4.9  | 5.0  | 5.2  | 5.3  | 5.2  | 5.3  | 5.4  | 5.6  | 5.4  | 5.5  | 5.7  | 5.8  | 5.5  | 5.7  | 5.8  | 6.0  |      |     |
|                                                              | Amps    | 18.3                                                                           | 18.7 | 19.2 | 19.8 | 19.5 | 19.9 | 20.5 | 21.2 | 21.0 | 21.4 | 22.0 | 22.8 | 22.2 | 22.7 | 23.4 | 24.2 | 23.5 | 24.0 | 24.7 | 25.6 | 24.7 | 25.3 | 26.0 | 26.9 |      |     |
|                                                              | Hi Pr   | 246                                                                            | 265  | 280  | 292  | 276  | 297  | 314  | 327  | 314  | 338  | 357  | 372  | 358  | 385  | 407  | 424  | 403  | 433  | 458  | 477  | 445  | 479  | 506  | 527  |      |     |
|                                                              | 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  |      |     |
| 1590                                                         | 1810    | MBh                                                                            | 53.2 | 54.2 | 56.8 | 60.6 | 51.9 | 52.9 | 55.4 | 59.2 | 50.7 | 51.7 | 54.1 | 57.7 | 49.5 | 50.4 | 52.8 | 56.3 | 47.0 | 47.9 | 50.2 | 53.5 | 43.5 | 44.4 | 46.5 | 49.6 |     |
|                                                              |         | S/T                                                                            | 0.9  | 0.9  | 0.8  | 0.6  | 1.0  | 0.9  | 0.8  | 0.7  | 1.0  | 0.9  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  | 1.0  | 1.0  | 0.9  | 0.7  |     |
|                                                              |         | ΔT                                                                             | 28   | 28   | 26   | 23   | 29   | 28   | 27   | 23   | 29   | 28   | 27   | 23   | 29   | 28   | 27   | 23   | 27   | 28   | 26   | 23   | 25   | 26   | 25   | 21   |     |
|                                                              |         | kW                                                                             | 4.2  | 4.3  | 4.4  | 4.6  | 4.5  | 4.6  | 4.8  | 4.9  | 4.8  | 4.9  | 5.0  | 5.2  | 5.0  | 5.1  | 5.3  | 5.5  | 5.2  | 5.3  | 5.5  | 5.7  | 5.4  | 5.5  | 5.7  | 5.9  |     |
|                                                              |         | Amps                                                                           | 17.9 | 18.2 | 18.7 | 19.3 | 19.1 | 19.5 | 20.0 | 20.7 | 20.5 | 20.9 | 21.5 | 22.2 | 21.7 | 22.2 | 22.8 | 23.6 | 22.9 | 23.4 | 24.1 | 24.9 | 24.1 | 24.6 | 25.4 | 26.2 |     |
|                                                              | 1590    | Hi Pr                                                                          | 239  | 257  | 271  | 283  | 268  | 288  | 305  | 318  | 305  | 328  | 346  | 361  | 347  | 374  | 395  | 411  | 391  | 420  | 444  | 463  | 432  | 464  | 490  | 511  |     |
|                                                              |         | Lo Pr                                                                          | 108  | 115  | 125  | 134  | 114  | 121  | 132  | 141  | 119  | 126  | 138  | 147  | 125  | 132  | 145  | 154  | 130  | 139  | 152  | 161  | 135  | 144  | 157  | 167  |     |
|                                                              |         | Shaded area reflects AHRI (TVA) conditions.                                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|                                                              |         | DB: Entering Indoor Dry Bulb Temperature                                       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|                                                              |         | High and low pressures are measured at the liquid and suction access fittings. |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| Ampos: Unit ampos (comp.+ evaporator + condenser fan motors) |         |                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| kW = Total system power                                      |         |                                                                                |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |

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

Shaded area reflects AHRI (TVA) conditions.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

kW = Total system power

# AIRFLOW DATA FOR PSC MOTORS

## GPG13M— 2-TON MODELS

| SPEED  | HIGH  |       | MED |       | LOW |       |
|--------|-------|-------|-----|-------|-----|-------|
| E.S.P. | CFM   | WATTS | CFM | WATTS | CFM | WATTS |
| 0.1    | 1,190 | 380   | 850 | 230   | 600 | 150   |
| 0.2    | 1,140 | 360   | 830 | 220   | 570 | 140   |
| 0.3    | 1,080 | 350   | 765 | 215   | 510 | 130   |
| 0.4    | 1,025 | 340   | 715 | 210   | 450 | 125   |
| 0.5    | 975   | 330   | 660 | 205   | 380 | 120   |
| 0.6    | 920   | 310   | 610 | 195   | --- | ---   |
| 0.7    | 830   | 300   | --- | ---   | --- | ---   |
| 0.8    | 730   | 290   | --- | ---   | --- | ---   |

## GPG13M— 2½-TON MODELS

| SPEED  | HIGH  |       | MED   |       | LOW   |       |
|--------|-------|-------|-------|-------|-------|-------|
| E.S.P. | CFM   | WATTS | CFM   | WATTS | CFM   | WATTS |
| 0.1    | 1,370 | 509   | 1,261 | 452   | 1,056 | 350   |
| 0.2    | 1,310 | 492   | 1,221 | 442   | 1,010 | 339   |
| 0.3    | 1,262 | 489   | 1,174 | 428   | 971   | 343   |
| 0.4    | 1,208 | 475   | 1,125 | 414   | 937   | 329   |
| 0.5    | 1,140 | 453   | 1,063 | 398   | 878   | 318   |
| 0.6    | 1,081 | 440   | 1,004 | 380   | 811   | 306   |
| 0.7    | 1,006 | 425   | 919   | 368   | 723   | 291   |
| 0.8    | 879   | 403   | 796   | 371   | 545   | 259   |

## GPG13M— 3-TON MODELS

| SPEED  | HIGH  |       | MED   |       | LOW   |       |
|--------|-------|-------|-------|-------|-------|-------|
| E.S.P. | CFM   | WATTS | CFM   | WATTS | CFM   | WATTS |
| 0.1    | 1,462 | 596   | 1,337 | 471   | 1,029 | 346   |
| 0.2    | 1,398 | 563   | 1,265 | 452   | 982   | 334   |
| 0.3    | 1,326 | 550   | 1,227 | 448   | 946   | 329   |
| 0.4    | 1,260 | 534   | 1,159 | 429   | 888   | 313   |
| 0.5    | 1,188 | 513   | 1,073 | 405   | 823   | 304   |
| 0.6    | 1,090 | 496   | 1,008 | 393   | 750   | 287   |
| 0.7    | 997   | 478   | 895   | 371   | 668   | 271   |
| 0.8    | 852   | 454   | 760   | 346   | 454   | 238   |

## GPG13M— 3½-TON MODELS

| SPEED  | HIGH  |       | MED   |       | LOW   |       |
|--------|-------|-------|-------|-------|-------|-------|
| E.S.P. | CFM   | WATTS | CFM   | WATTS | CFM   | WATTS |
| 0.1    | 1,575 | 585   | 1,450 | 480   | 1,100 | 340   |
| 0.2    | 1,515 | 565   | 1,390 | 460   | 1,040 | 325   |
| 0.3    | 1,430 | 550   | 1,300 | 445   | 1,000 | 320   |
| 0.4    | 1,340 | 525   | 1,215 | 425   | 925   | 305   |
| 0.5    | 1,240 | 505   | 1,115 | 395   | 860   | 290   |
| 0.6    | 1,130 | 465   | 1,030 | 375   | 800   | 275   |
| 0.7    | 1,010 | 450   | 945   | 350   | 690   | 255   |
| 0.8    | 910   | 430   | 860   | 335   | ---   | ---   |



# **AIRFLOW DATA FOR EEM MOTORS**

## **GPG13M– 4-TON A\*/B\* MODELS**

| SPEED | T1 (HEATING) |       | T2 (HEATING) |       | T3 (HEATING) |       | T4 (COOLING) |       | T5 (COOLING) |       |
|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|
| E.S.P | CFM          | WATTS | CFM          | WATTS | CFM          | WATTS | CFM          | WATTS | CFM          | WATTS |
| 0.1   | ---          | ---   | ---          | ---   | ---          | ---   | ---          | ---   | ---          | ---   |
| 0.2   | 914          | 125   | 1,105        | 186   | 1,397        | 323   | 1,593        | 449   | 1,699        | 532   |
| 0.3   | 822          | 134   | 1,024        | 193   | 1,346        | 331   | 1,545        | 463   | 1,654        | 539   |
| 0.4   | 733          | 140   | 967          | 202   | 1,288        | 342   | 1,506        | 476   | 1,610        | 551   |
| 0.5   | 664          | 150   | 884          | 214   | 1,273        | 352   | 1,448        | 481   | 1,545        | 557   |
| 0.6   | 606          | 154   | 816          | 220   | 1,178        | 359   | 1,400        | 493   | 1,512        | 566   |
| 0.7   | 584          | 162   | 769          | 230   | 1,120        | 369   | 1,341        | 502   | 1,433        | 578   |
| 0.8   | 551          | 164   | 698          | 236   | 1,057        | 381   | 1,289        | 511   | 1,392        | 591   |

## **GPG13M– 4-TON D\* MODELS**

| SPEED | T1 (HEATING) |       | T2 (HEATING) |       | T3 (HEATING) |       | T4 (COOLING) |       | T5 (COOLING) |       |
|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|
| E.S.P | CFM          | WATTS | CFM          | WATTS | CFM          | WATTS | CFM          | WATTS | CFM          | WATTS |
| 0.1   | ---          | ---   | ---          | ---   | ---          | ---   | ---          | ---   | ---          | ---   |
| 0.2   | 892          | 104   | 1,088        | 183   | 1,401        | 310   | 1,624        | 400   | 1,704        | 433   |
| 0.3   | 824          | 112   | 1,024        | 191   | 1,345        | 318   | 1,573        | 408   | 1,655        | 440   |
| 0.4   | 756          | 120   | 960          | 199   | 1,289        | 326   | 1,522        | 416   | 1,606        | 448   |
| 0.5   | 687          | 128   | 897          | 207   | 1,233        | 333   | 1,472        | 424   | 1,558        | 456   |
| 0.6   | 619          | 135   | 833          | 214   | 1,176        | 341   | 1,421        | 431   | 1,509        | 464   |
| 0.7   | 551          | 143   | 770          | 222   | 1,120        | 349   | 1,370        | 439   | 1,460        | 472   |
| 0.8   | 482          | 151   | 706          | 230   | 1,064        | 357   | 1,319        | 447   | 1,411        | 480   |

## **GPG13M– 5-TON A\*/B\* MODELS**

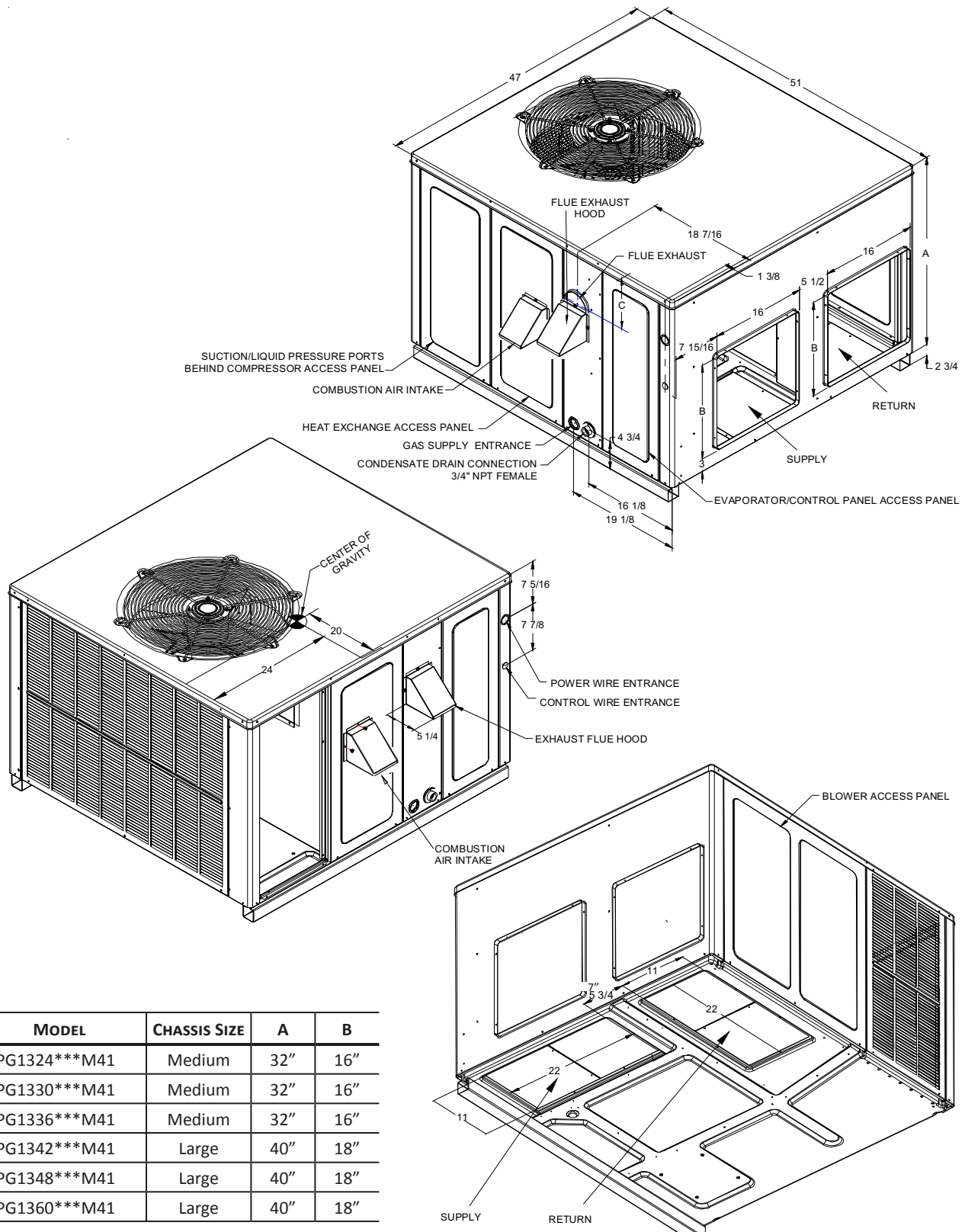
| SPEED | T1 (HEATING) |       | T2 (HEATING) |       | T3 (HEATING) |       | T4 (COOLING) |       | T5 (COOLING) |       |
|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|
| E.S.P | CFM          | WATTS | CFM          | WATTS | CFM          | WATTS | CFM          | WATTS | CFM          | WATTS |
| 0.1   | 1,125        | 162   | 1,466        | 315   | 1,780        | 496   | 1,942        | 649   | 2,067        | 792   |
| 0.2   | 1,049        | 168   | 1,384        | 322   | 1,730        | 506   | 1,883        | 657   | 2,030        | 811   |
| 0.3   | 1,000        | 178   | 1,347        | 329   | 1,664        | 520   | 1,859        | 670   | 1,982        | 814   |
| 0.4   | 910          | 184   | 1,291        | 341   | 1,608        | 526   | 1,827        | 675   | 1,909        | 808   |
| 0.5   | 857          | 197   | 1,237        | 350   | 1,568        | 532   | 1,749        | 683   | 1,842        | 798   |
| 0.6   | 809          | 201   | 1,185        | 362   | 1,515        | 546   | 1,706        | 693   | 1,789        | 772   |
| 0.7   | 739          | 207   | 1,134        | 369   | 1,477        | 552   | 1,655        | 703   | 1,703        | 763   |
| 0.8   | 703          | 218   | 1,087        | 382   | 1,422        | 562   | 1,588        | 705   | 1,618        | 732   |

## **GPG13M– 5-Ton D\* Models**

| SPEED | T1 (HEATING) |       | T2 (HEATING) |       | T3 (HEATING) |       | T4 (COOLING) |       | T5 (COOLING) |       |
|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|
| E.S.P | CFM          | WATTS | CFM          | WATTS | CFM          | WATTS | CFM          | WATTS | CFM          | WATTS |
| 0.1   | 1,100        | 97    | 1,445        | 305   | 1,762        | 496   | 1,878        | 566   | 2,080        | 688   |
| 0.2   | 1,050        | 105   | 1,396        | 313   | 1,713        | 504   | 1,829        | 574   | 2,031        | 696   |
| 0.3   | 1,001        | 113   | 1,346        | 321   | 1,664        | 512   | 1,780        | 582   | 1,982        | 704   |
| 0.4   | 952          | 121   | 1,297        | 329   | 1,615        | 521   | 1,730        | 590   | 1,932        | 712   |
| 0.5   | 903          | 129   | 1,248        | 337   | 1,566        | 529   | 1,681        | 598   | 1,883        | 720   |
| 0.6   | 854          | 137   | 1,199        | 345   | 1,516        | 537   | 1,632        | 607   | 1,834        | 728   |
| 0.7   | 804          | 145   | 1,149        | 353   | 1,467        | 545   | 1,583        | 615   | 1,785        | 736   |
| 0.8   | 755          | 153   | 1,100        | 361   | 1,418        | 553   | 1,534        | 623   | 1,736        | 745   |

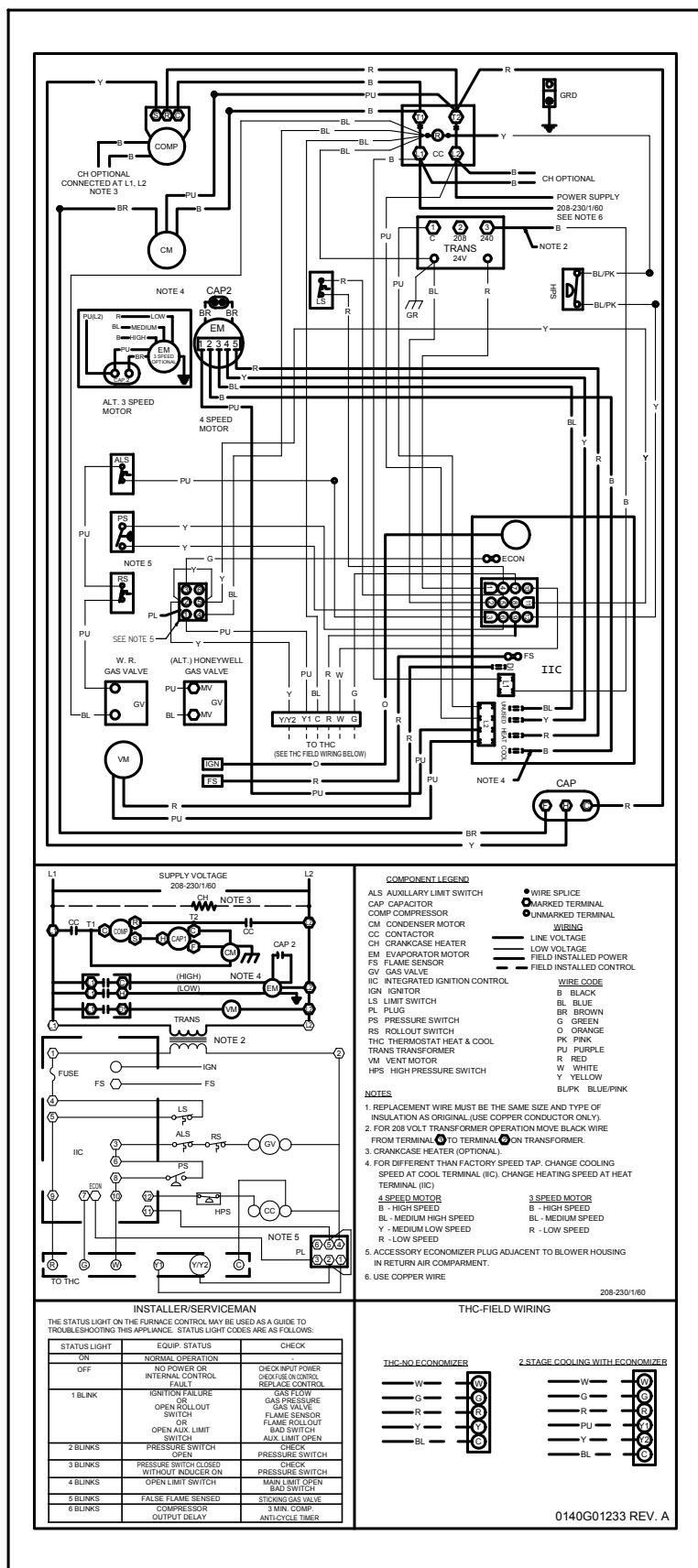


# DIMENSIONS



| MODEL         | CHASSIS SIZE | A   | B   |
|---------------|--------------|-----|-----|
| GPG1324***M41 | Medium       | 32" | 16" |
| GPG1330***M41 | Medium       | 32" | 16" |
| GPG1336***M41 | Medium       | 32" | 16" |
| GPG1342***M41 | Large        | 40" | 18" |
| GPG1348***M41 | Large        | 40" | 18" |
| GPG1360***M41 | Large        | 40" | 18" |

## WIRING DIAGRAM — GPG1324-42M41\*\*

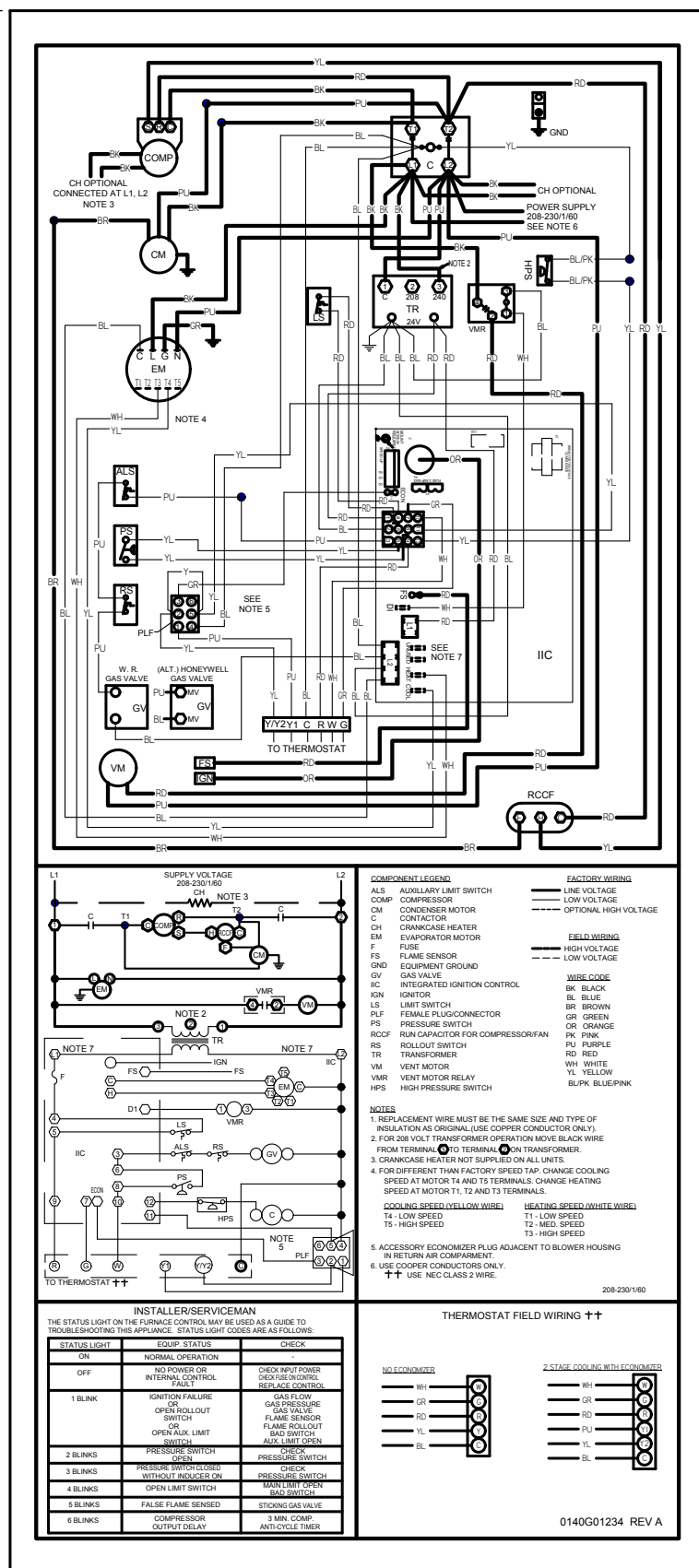


**High Voltage:** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury or death.

## WARNING

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

# WIRING DIAGRAM — GPG1348-60M41\*\*



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

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

## ACCESSORIES

| ACCESSORY<br>DESCRIPTION        | ITEM NUMBER     |                 |
|---------------------------------|-----------------|-----------------|
|                                 | MEDIUM CHASSIS  | LARGE CHASSIS   |
| Concentric Kit                  | CDK36           | CDK4872         |
| Downflow Economizer             | PGED101/102     | PGED103         |
| Downflow Internal Filter Rack   | PGFR101/102/103 | PGFR101/102/103 |
| Downflow Manual Damper          | PGMDD101/102    | PGMDD103        |
| Downflow Motorized Damper       | PGMDMD101/102   | PGMDMD103       |
| Downflow Square to Round        | SQRPG101/102    | SQRPG103        |
| External Horizontal Filter Rack | GPGHFR101-103   | GPGHFR101-103   |
| Horizontal Duct Cover           | 20464501PDGK    | 20464502PDGK    |
| Horizontal Economizer           | PGEH101/102     | PGEH103         |
| Horizontal Manual Damper        | PGMDH102        | PGMDH103        |
| Horizontal Motorized Damper     | PGMDMH102       | PGMDMH103       |
| Horizontal Square to Round      | SQRPGH101/102   | SQRPGH103       |
| LP Conversion Kit               | LPT-03          | LPT-03          |
| Roof Curb                       | PGC101/102/103  | PGC101/102/103  |