



Air Conditioning & Heating

## PRODUCT SPECIFICATIONS



**13 SEER: 3-5 Tons**

**10 EER: 7½ To 10 Tons**

## GSC COMMERCIAL

### SPLIT SYSTEM AIR CONDITIONER

The Goodman® brand GSC Commercial split system air conditioners feature the Goodman brand sound control top design for quiet operation and is designed for ground-level or rooftop mount application.

#### Standard Features

- Energy-efficient compressor
- Quiet operating top discharge
- High-efficiency copper tube/aluminum fin coil
- Brass liquid and suction service valves
- Factory-installed filter dryer
- Contactor with lug connections
- Ground lug connection
- Complies with ASHRAE Standard 90.1
- AHRI Certified; ETL Listed

#### Cabinet Features

- Goodman brand sound control top design
- Steel louver coil guard protects the coil from damage and adds strength to unit
- Bottom pan rails elevate unit above slab
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

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\* Full warranty details available at [www.goodmanmfg.com](http://www.goodmanmfg.com).



## NOMENCLATURE

|                         | G | S                     | C | 13  | 060   | 3 | A  | A  |                         |                           |     |         |
|-------------------------|---|-----------------------|---|-----|-------|---|----|----|-------------------------|---------------------------|-----|---------|
|                         | 1 | 2                     | 3 | 4,5 | 6,7,8 | 9 | 10 | 11 |                         |                           |     |         |
| <b>Brand</b>            | G |                       |   |     |       |   |    |    | <b>Engineering *</b>    |                           |     |         |
| G Goodman®              |   |                       |   |     |       |   |    |    | Minor Revision          |                           |     |         |
| <b>Product Category</b> | S |                       |   |     |       |   |    |    | <b>Engineering *</b>    |                           |     |         |
| S Split System          |   |                       |   |     |       |   |    |    | Major Revision          |                           |     |         |
| <b>Unit Type</b>        |   |                       |   |     |       |   |    |    | <b>Electrical</b>       |                           |     |         |
| C Condenser R-22        |   |                       |   |     |       |   |    |    | 3                       | 208/230 V, 3 Phase, 60 Hz |     |         |
| H Heat Pump R-22        | 4 | 460 V, 3 Phase, 60 Hz |   |     |       |   |    |    |                         |                           |     |         |
| <b>Efficiency</b>       |   |                       |   |     |       |   |    |    | <b>Nominal Capacity</b> |                           |     |         |
| 10 10 SEER              |   |                       |   |     |       |   |    |    | 036                     | 3 Tons                    | 090 | 7½ tons |
| 13 13 SEER              |   |                       |   |     |       |   |    |    | 048                     | 4 Tons                    | 120 | 10 Tons |
|                         |   |                       |   |     |       |   |    |    | '060                    | 5 Tons                    |     |         |

\* Neither used for order entry or inventory management.

# GSC13 SPECIFICATIONS

|                                         | <b>GSC13<br/>0363A*</b> | <b>GSC13<br/>0363B*</b> | <b>GSC13<br/>0483A*</b> | <b>GSC13<br/>0483B*</b> | <b>GSC13<br/>0484A*</b> |
|-----------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Cooling Capacities</b>               |                         |                         |                         |                         |                         |
| Nominal Cooling (BTU/h)                 | 36,000                  | 36,000                  | 48,000                  | 48,000                  | 48,000                  |
| Decibels                                | 76                      | 74                      | 76                      | 76                      | 76                      |
| <b>Compressor</b>                       |                         |                         |                         |                         |                         |
| RLA / LRA                               | 9 / 65.5                | 9 / 65.5                | 12.4 / 88               | 12.4 / 88               | 5.8 / 44                |
| Type                                    | Scroll                  | Recip                   | Scroll                  | Scroll                  | Scroll                  |
| <b>Condenser Fan Motor</b>              |                         |                         |                         |                         |                         |
| Horsepower                              | 1/6                     | 1/6                     | 1/4                     | 1/4                     | 1/4                     |
| FLA                                     | 1.5                     | 1.1                     | 1.6                     | 1.5                     | 0.8                     |
| <b>Refrigeration System</b>             |                         |                         |                         |                         |                         |
| Refrigerant Line Size                   |                         |                         |                         |                         |                         |
| Liquid Line Size ("O.D.)                | 3/8"                    | 3/8"                    | 3/8"                    | 3/8"                    | 3/8"                    |
| Suction Line Size ("O.D.)               | 7/8"                    | 7/8"                    | 1 1/8"                  | 1 1/8"                  | 1 1/8"                  |
| Refrigerant Connection Size             |                         |                         |                         |                         |                         |
| Liquid Valve Size ("O.D.)               | 3/8"                    | 3/8"                    | 3/8"                    | 3/8"                    | 3/8"                    |
| Suction Valve Size ("O.D.) <sup>3</sup> | 3/4" <sup>3</sup>       | 3/4" <sup>3</sup>       | 7/8" <sup>4</sup>       | 7/8" <sup>4</sup>       | 7/8" <sup>4</sup>       |
| Valve Type                              | Sweat                   | Sweat                   | Sweat                   | Sweat                   | Sweat                   |
| Refrigerant Charge                      | 125                     | 83                      | 140                     | 102                     | 150                     |
| Piston Size                             | ---                     | 0.071                   | 0.082                   | 0.088                   | 0.082                   |
| <b>Electrical Data</b>                  |                         |                         |                         |                         |                         |
| AC Volts/ Hz/ Phase                     | 208-230/ 60/ 3          |                         | 208-230/ 60/ 3          |                         | 460/ 60/ 3              |
| Min. Circuit Ampacity <sup>1</sup>      | 12.7                    | 12.4                    | 17.2                    | 17                      | 8.0                     |
| Max. Overcurrent Device <sup>2</sup>    | 20                      | 20                      | 20                      | 20                      | 15                      |
| Min / Max Volts                         | 197/253                 | 197/253                 | 197/253                 | 197/253                 | 414/506                 |
| Electrical Conduit Size                 | 1/2" or 3/4"            | 1/2" or 3/4"            | 1/2" or 3/4"            | 1/2" or 3/4"            | 1/2" or 3/4"            |
| <b>Ship Weight (lbs)</b>                | 214                     | 182                     | 207                     | 189                     | 207                     |

<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.

<sup>3</sup> Installer will need to supply 3/4" to 7/8" adapters for suction line connections.

<sup>4</sup> Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.

## Notes

- Always check the S&R plate for electrical data on the unit being installed.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

# **GSC13 SPECIFICATIONS (CONT.)**

|                                         | <b>GSC13<br/>0484B*</b> | <b>GSC13<br/>0603A*</b> | <b>GSC13<br/>0603B*</b> | <b>GSC13<br/>0604A*</b> | <b>GSC13<br/>0604B*</b> |
|-----------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Cooling Capacities</b>               |                         |                         |                         |                         |                         |
| Nominal Cooling (BTU/h)                 | 48,000                  | 60,000                  | 60,000                  | 60,000                  | 60,000                  |
| Decibels                                | 76                      | 77                      | 77                      | 77                      | 77                      |
| <b>Compressor</b>                       |                         |                         |                         |                         |                         |
| RLA / LRA                               | 5.8 / 44                | 17.3 / 123              | 14.7 / 91               | 6.7 / 49.5              | 7.1 / 50                |
| Type                                    | Scroll                  | Scroll                  | Scroll                  | Scroll                  | Scroll                  |
| <b>Condenser Fan Motor</b>              |                         |                         |                         |                         |                         |
| Horsepower                              | ¼                       | 1/6                     | 1/4                     | 1/6                     | 1/4                     |
| FLA                                     | 0.8                     | 1.1                     | 1.5                     | 0.6                     | 0.8                     |
| <b>Refrigeration System</b>             |                         |                         |                         |                         |                         |
| Refrigerant Line Size                   |                         |                         |                         |                         |                         |
| Liquid Line Size ("O.D.)                | ⅜"                      | ⅜"                      | ⅜"                      | ⅜"                      | ⅜"                      |
| Suction Line Size ("O.D.)               | 1⅛"                     | 1⅛"                     | 1⅛"                     | 1⅛"                     | 1⅛"                     |
| Refrigerant Connection Size             |                         |                         |                         |                         |                         |
| Liquid Valve Size ("O.D.)               | ⅜"                      | ⅜"                      | ⅜"                      | ⅜"                      | ⅜"                      |
| Suction Valve Size ("O.D.) <sup>3</sup> | 7⁄8" <sup>4</sup>       | 7⁄8" <sup>4</sup>       | 7⁄8" <sup>4</sup>       | 7⁄8" <sup>4</sup>       | 7⁄8" <sup>4</sup>       |
| Valve Type                              | Sweat                   | Sweat                   | Sweat                   | Sweat                   | Sweat                   |
| Refrigerant Charge                      | 102                     | 167                     | 131                     | 167                     | 131                     |
| Piston Size                             | 0.088                   | ---                     | 0.093                   | ---                     | 0.093                   |
| <b>Electrical Data</b>                  |                         |                         |                         |                         |                         |
| AC Volts/ Hz/ Phase                     | 460/ 60/ 3              | 208-230/ 60/ 3          |                         | 460/ 60/ 3              | 460/ 60/ 3              |
| Min. Circuit Ampacity <sup>1</sup>      | 8.0                     | 22.7                    | 19.9                    | 9.0                     | 9.7                     |
| Max. Overcurrent Device <sup>2</sup>    | 15                      | 40                      | 30                      | 15                      | 15                      |
| Min / Max Volts                         | 414/506                 | 197/253                 | 197/253                 | 414/506                 | 414/506                 |
| Electrical Conduit Size                 | ½" or ¾"                | ½" or ¾"                | ½" or ¾"                | ½" or ¾"                | ½" or ¾"                |
| <b>Ship Weight (lbs)</b>                | 189                     | 242                     | 196                     | 242                     | 196                     |

<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.

<sup>3</sup> Installer will need to supply ¾" to ⅞" adapters for suction line connections.

<sup>4</sup> Installer will need to supply 7⁄8" to 1⅛" adapters for suction line connections.

**Notes**

- Always check the S&R plate for electrical data on the unit being installed.
- Unit is charged with refrigerant for 15' of ⅜" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

# GSC10 SPECIFICATIONS

|                                          | <b>GSC10<br/>0903AA</b> | <b>GSC10<br/>0904AA</b> | <b>GSC10<br/>1203AA</b> | <b>GSC10<br/>1204AA</b> |
|------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>COOLING CAPACITIES</b>                |                         |                         |                         |                         |
| Nominal Cooling (BTU/h)                  | 87,000                  | 87,000                  | 109,000                 | 109,000                 |
| <b>COMPRESSOR</b>                        |                         |                         |                         |                         |
| RLA                                      | 25.6                    | 12.8                    | 30.1                    | 15.5                    |
| LRA                                      | 196                     | 100                     | 225                     | 114                     |
| <b>CONDENSER FAN MOTOR</b>               |                         |                         |                         |                         |
| Horsepower                               | 1                       | 1                       | 1                       | 1                       |
| FLA                                      | 5.6                     | 2.7                     | 5.6                     | 2.7                     |
| <b>REFRIGERATION SYSTEM</b>              |                         |                         |                         |                         |
| Liquid Valve Size ("O.D.) <sup>1</sup>   | 5/8"                    | 5/8"                    | 5/8"                    | 5/8"                    |
| Suction Valve Size ("O.D.) <sup>1</sup>  | 1 1/8"                  | 1 1/8"                  | 1 1/8"                  | 1 1/8"                  |
| Valve Type                               | Sweat                   | Sweat                   | Sweat                   | Sweat                   |
| Refrigerant Charge                       | 35                      | 35                      | 35                      | 35                      |
| <b>ELECTRICAL DATA</b>                   |                         |                         |                         |                         |
| AC Volts                                 | 208/ 230                | 460                     | 208/ 230                | 460                     |
| Hz / Phase                               | 60 Hz/ 3                | 60 Hz/ 3                | 60 Hz/ 3                | 60 Hz/ 3                |
| Min. Circuit Ampacity <sup>2</sup>       | 37.6                    | 18.7                    | 43.2                    | 22.1                    |
| Max. Overcurrent Protection <sup>3</sup> | 60                      | 30                      | 70                      | 30                      |
| Min / Max Volts                          | 197/ 253                | 414/ 506                | 197/ 253                | 414/ 506                |
| Electrical Conduit Size                  | 1/2" or 3/4"            | 1/2" or 3/4"            | 1/2" or 3/4"            | 1/2" or 3/4"            |
| <b>SHIP WEIGHT (LBS)</b>                 | 315                     | 315                     | 334                     | 334                     |

<sup>1</sup> Up to 35' in equivalent line length

<sup>2</sup> Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

<sup>3</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted

# GSC10 PERFORMANCE RATINGS

| CONDENSER  | INDOOR MODEL  | COOLING CAPACITY (BTU/h) |          |                  | dBs |
|------------|---------------|--------------------------|----------|------------------|-----|
|            |               | TOTAL                    | SENSIBLE | EER <sup>2</sup> |     |
| GSC100903* | AR090         | 88,000                   | 63,400   | 10.3             | 84  |
| GSC100904* | (2) CA*F3642* | 90,000                   | 64,800   | 10.3             | 84  |
| GSC101203* | AR120         | 114,000                  | 82,200   | 10.3             | 84  |
| GSC101204* | (2) CA*F4860* | 112,000                  | 80,800   | 10.3             | 84  |

<sup>1</sup> Energy Efficiency Ratio @ 80 °F/67 °F Inside - 95 °F

# EXPANDED COOLING DATA — GSC130363A\* / CACF048-C2B

|      |         | Outdoor Ambient Temperature |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |       |      |      |    |
|------|---------|-----------------------------|------|------|----|------|------|------|----|------|------|------|----|------|------|------|----|-------|------|------|----|-------|------|------|----|
|      |         | 65°F                        |      |      |    | 75°F |      |      |    | 85°F |      |      |    | 95°F |      |      |    | 105°F |      |      |    | 115°F |      |      |    |
| IDB  | Airflow | 59                          | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59    | 63   | 67   | 71 | 59    | 63   | 67   | 71 |
| 70   | MBh     | 34.3                        | 35.5 | 38.9 | -  | 33.5 | 34.7 | 38.0 | -  | 32.7 | 33.9 | 37.1 | -  | 31.9 | 33.1 | 36.2 | -  | 30.3  | 31.4 | 34.4 | -  | 28.1  | 29.1 | 31.9 | -  |
|      | S/T     | 0.75                        | 0.63 | 0.43 | -  | 0.78 | 0.65 | 0.45 | -  | 0.80 | 0.67 | 0.46 | -  | 0.82 | 0.69 | 0.48 | -  | 0.85  | 0.71 | 0.49 | -  | 0.86  | 0.72 | 0.50 | -  |
|      | ΔT      | 16                          | 14   | 11   | -  | 17   | 14   | 11   | -  | 17   | 14   | 11   | -  | 17   | 15   | 11   | -  | 17    | 14   | 11   | -  | 15    | 13   | 10   | -  |
|      | 1434    |                             |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |       |      |      |    |
|      | kW      | 2.27                        | 2.32 | 2.40 | -  | 2.46 | 2.52 | 2.61 | -  | 2.64 | 2.70 | 2.80 | -  | 2.79 | 2.86 | 2.96 | -  | 2.92  | 2.99 | 3.10 | -  | 3.03  | 3.11 | 3.22 | -  |
|      | Amps    | 7.5                         | 7.6  | 7.9  | -  | 8.1  | 8.3  | 8.5  | -  | 8.8  | 9.0  | 9.3  | -  | 9.4  | 9.6  | 9.9  | -  | 10.0  | 10.2 | 10.6 | -  | 10.6  | 10.8 | 11.2 | -  |
|      | Hi PR   | 137                         | 148  | 156  | -  | 154  | 166  | 175  | -  | 175  | 188  | 199  | -  | 199  | 215  | 227  | -  | 224   | 241  | 255  | -  | 248   | 267  | 282  | -  |
|      | Lo PR   | 63                          | 67   | 73   | -  | 67   | 71   | 78   | -  | 69   | 74   | 81   | -  | 73   | 78   | 85   | -  | 76    | 81   | 89   | -  | 79    | 84   | 92   | -  |
|      | MBh     | 33.3                        | 34.5 | 37.8 | -  | 32.5 | 33.7 | 36.9 | -  | 31.7 | 32.9 | 36.1 | -  | 31.0 | 32.1 | 35.2 | -  | 29.4  | 30.5 | 33.4 | -  | 27.3  | 28.3 | 31.0 | -  |
|      | S/T     | 0.71                        | 0.60 | 0.41 | -  | 0.74 | 0.62 | 0.43 | -  | 0.76 | 0.63 | 0.44 | -  | 0.78 | 0.65 | 0.45 | -  | 0.81  | 0.68 | 0.47 | -  | 0.82  | 0.69 | 0.47 | -  |
| 1116 | ΔT      | 17                          | 15   | 11   | -  | 17   | 15   | 11   | -  | 17   | 15   | 11   | -  | 18   | 15   | 12   | -  | 17    | 15   | 11   | -  | 16    | 14   | 11   | -  |
|      | 1275    |                             |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |       |      |      |    |
|      | kW      | 2.25                        | 2.30 | 2.38 | -  | 2.44 | 2.50 | 2.59 | -  | 2.61 | 2.68 | 2.77 | -  | 2.77 | 2.83 | 2.94 | -  | 2.89  | 2.97 | 3.07 | -  | 3.01  | 3.08 | 3.19 | -  |
|      | Amps    | 7.4                         | 7.6  | 7.8  | -  | 8.0  | 8.2  | 8.5  | -  | 8.7  | 8.9  | 9.2  | -  | 9.3  | 9.5  | 9.8  | -  | 9.9   | 10.1 | 10.5 | -  | 10.5  | 10.7 | 11.1 | -  |
|      | Hi PR   | 136                         | 146  | 154  | -  | 152  | 164  | 173  | -  | 173  | 187  | 197  | -  | 197  | 212  | 224  | -  | 222   | 239  | 252  | -  | 245   | 264  | 279  | -  |
|      | Lo PR   | 63                          | 67   | 73   | -  | 66   | 70   | 77   | -  | 69   | 73   | 80   | -  | 72   | 77   | 84   | -  | 76    | 80   | 88   | -  | 78    | 83   | 91   | -  |
|      | MBh     | 30.7                        | 31.9 | 34.9 | -  | 30.0 | 31.1 | 34.1 | -  | 29.3 | 30.4 | 33.3 | -  | 28.6 | 29.6 | 32.5 | -  | 27.2  | 28.2 | 30.8 | -  | 25.2  | 26.1 | 28.6 | -  |
|      | S/T     | 0.69                        | 0.58 | 0.40 | -  | 0.71 | 0.60 | 0.41 | -  | 0.73 | 0.61 | 0.42 | -  | 0.76 | 0.63 | 0.44 | -  | 0.78  | 0.66 | 0.45 | -  | 0.79  | 0.66 | 0.46 | -  |
|      | ΔT      | 17                          | 15   | 11   | -  | 18   | 15   | 12   | -  | 18   | 15   | 12   | -  | 18   | 15   | 12   | -  | 18    | 15   | 12   | -  | 16    | 14   | 11   | -  |
|      | 1116    |                             |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |       |      |      |    |
| 1116 | kW      | 2.19                        | 2.24 | 2.32 | -  | 2.38 | 2.43 | 2.52 | -  | 2.54 | 2.60 | 2.70 | -  | 2.69 | 2.76 | 2.85 | -  | 2.81  | 2.88 | 2.99 | -  | 2.92  | 2.99 | 3.10 | -  |
|      | Amps    | 7.2                         | 7.4  | 7.6  | -  | 7.8  | 8.0  | 8.2  | -  | 8.5  | 8.7  | 8.9  | -  | 9.0  | 9.2  | 9.6  | -  | 9.6   | 9.8  | 10.2 | -  | 10.2  | 10.4 | 10.8 | -  |
|      | Hi PR   | 132                         | 142  | 150  | -  | 148  | 159  | 168  | -  | 168  | 181  | 191  | -  | 191  | 206  | 218  | -  | 215   | 232  | 245  | -  | 238   | 256  | 270  | -  |
|      | Lo PR   | 61                          | 65   | 70   | -  | 64   | 68   | 74   | -  | 67   | 71   | 77   | -  | 70   | 74   | 81   | -  | 73    | 78   | 85   | -  | 76    | 81   | 88   | -  |

|      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1434 | MBh   | 34.9 | 35.9 | 38.9 | 41.7 | 34.1 | 35.1 | 38.0 | 40.7 | 33.3 | 34.2 | 37.1 | 39.8 | 32.4 | 33.4 | 36.2 | 38.8 | 30.8 | 31.7 | 34.4 | 36.9 | 28.6 | 29.4 | 31.8 | 34.2 |
|      | S/T   | 0.85 | 0.76 | 0.58 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.91 | 0.81 | 0.61 | 0.39 | 0.93 | 0.84 | 0.63 | 0.41 | 0.97 | 0.87 | 0.66 | 0.42 | 0.98 | 0.87 | 0.66 | 0.43 |
|      | ΔT    | 19   | 18   | 14   | 10   | 19   | 18   | 15   | 10   | 19   | 18   | 15   | 10   | 19   | 18   | 15   | 10   | 19   | 18   | 14   | 10   | 18   | 16   | 14   | 9    |
|      | 1434  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      | kW    | 2.29 | 2.34 | 2.43 | 2.51 | 2.49 | 2.55 | 2.64 | 2.73 | 2.66 | 2.73 | 2.83 | 2.93 | 2.82 | 2.89 | 2.99 | 3.10 | 2.95 | 3.02 | 3.13 | 3.25 | 3.06 | 3.14 | 3.25 | 3.37 |
|      | Amps  | 7.5  | 7.7  | 8.0  | 8.3  | 8.1  | 8.3  | 8.6  | 8.9  | 8.8  | 9.1  | 9.4  | 9.7  | 9.5  | 9.7  | 10.0 | 10.4 | 10.1 | 10.3 | 10.7 | 11.1 | 10.7 | 10.9 | 11.3 | 11.7 |
|      | Hi PR | 139  | 149  | 157  | 164  | 155  | 167  | 177  | 184  | 177  | 190  | 201  | 210  | 201  | 217  | 229  | 239  | 227  | 244  | 257  | 269  | 250  | 269  | 284  | 297  |
|      | Lo PR | 64   | 68   | 74   | 79   | 67   | 72   | 78   | 83   | 70   | 75   | 81   | 87   | 74   | 78   | 86   | 91   | 77   | 82   | 90   | 95   | 80   | 85   | 93   | 99   |
|      | MBh   | 33.9 | 34.9 | 37.7 | 40.5 | 33.1 | 34.1 | 36.9 | 39.6 | 32.3 | 33.2 | 36.0 | 38.6 | 31.5 | 32.4 | 35.1 | 37.7 | 29.9 | 30.8 | 33.3 | 35.8 | 27.7 | 28.5 | 30.9 | 33.2 |
|      | S/T   | 0.81 | 0.73 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.37 | 0.86 | 0.77 | 0.58 | 0.38 | 0.89 | 0.80 | 0.60 | 0.39 | 0.92 | 0.83 | 0.63 | 0.40 | 0.93 | 0.83 | 0.63 | 0.41 |
| 75   | ΔT    | 20   | 18   | 15   | 10   | 20   | 18   | 15   | 10   | 20   | 19   | 15   | 10   | 20   | 19   | 15   | 11   | 20   | 18   | 15   | 10   | 19   | 17   | 14   | 10   |
|      | 1275  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      | kW    | 2.27 | 2.32 | 2.40 | 2.49 | 2.46 | 2.52 | 2.61 | 2.71 | 2.64 | 2.70 | 2.80 | 2.90 | 2.79 | 2.86 | 2.96 | 3.07 | 2.92 | 2.99 | 3.10 | 3.22 | 3.03 | 3.11 | 3.22 | 3.34 |
|      | Amps  | 7.5  | 7.7  | 7.9  | 8.2  | 8.1  | 8.3  | 8.5  | 8.9  | 8.8  | 9.0  | 9.3  | 9.6  | 9.4  | 9.6  | 9.9  | 10.3 | 10.0 | 10.2 | 10.6 | 11.0 | 10.6 | 10.8 | 11.2 | 11.6 |
|      | Hi PR | 137  | 148  | 156  | 163  | 154  | 166  | 175  | 182  | 175  | 188  | 199  | 208  | 199  | 215  | 227  | 236  | 224  | 241  | 255  | 266  | 248  | 267  | 282  | 294  |
|      | Lo PR | 63   | 67   | 73   | 78   | 67   | 71   | 78   | 83   | 69   | 74   | 81   | 86   | 73   | 78   | 85   | 90   | 76   | 81   | 89   | 95   | 79   | 84   | 92   | 98   |
|      | MBh   | 31.3 | 32.2 | 34.8 | 37.4 | 30.5 | 31.4 | 34.0 | 36.5 | 29.8 | 30.7 | 33.2 | 35.6 | 29.1 | 29.9 | 32.4 | 34.8 | 27.6 | 28.4 | 30.8 | 33.0 | 25.6 | 26.3 | 28.5 | 30.6 |
|      | S/T   | 0.78 | 0.70 | 0.53 | 0.34 | 0.81 | 0.73 | 0.55 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.80 | 0.60 | 0.39 | 0.90 | 0.80 | 0.61 | 0.39 |
|      | ΔT    | 20   | 19   | 15   | 11   | 20   | 19   | 15   | 11   | 20   | 19   | 15   | 11   | 21   | 19   | 16   | 11   | 20   | 19   | 15   | 11   | 19   | 17   | 14   | 10   |
|      | 1116  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 1116 | kW    | 2.21 | 2.26 | 2.34 | 2.42 | 2.40 | 2.45 | 2.54 | 2.63 | 2.57 | 2.63 | 2.72 | 2.82 | 2.71 | 2.78 | 2.88 | 2.99 | 2.84 | 2.91 | 3.02 | 3.13 | 2.95 | 3.02 | 3.13 | 3.25 |
|      | Amps  | 7.3  | 7.4  | 7.7  | 8.0  | 7.9  | 8.0  | 8.3  | 8.6  | 8.5  | 8.7  | 9.0  | 9.4  | 9.1  | 9.3  | 9.6  | 10.0 | 9.7  | 9.9  | 10.3 | 10.7 | 10.3 | 10.5 | 10.9 | 11.3 |
|      | Hi PR | 133  | 143  | 151  | 158  | 149  | 161  | 170  | 177  | 170  | 183  | 193  | 201  | 193  | 208  | 220  | 229  | 218  | 234  | 247  | 258  | 240  | 259  | 273  | 285  |
|      | Lo PR | 61   | 65   | 71   | 76   | 65   | 69   | 75   | 80   | 67   | 72   | 78   | 83   | 71   | 75   | 82   | 87   | 74   | 79   | 86   | 92   | 77   | 82   | 89   | 95   |

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

# EXPANDED COOLING DATA — GSC130363A\* / CACF048-C2B (CONT.)

|       |         | Outdoor Ambient Temperature          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |      |
|-------|---------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|------|
|       |         | 65°F                                 |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F |      |      |      | 105°F |      |      |      | 115°F |      |      |      |      |
|       |         | Entering Indoor Wet Bulb Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |      |
| IDB   | Airflow | 59                                   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |      |
| 80    |         | MBh                                  | 35.5 | 36.3 | 38.8 | 41.4 | 34.7 | 35.4 | 37.9 | 40.5 | 33.8 | 34.6 | 37.0 | 39.5 | 33.0 | 33.7 | 36.1 | 38.5  | 31.4 | 32.1 | 34.2 | 36.6  | 29.1 | 29.7 | 31.7 | 33.9 |
|       |         | S/T                                  | 0.93 | 0.88 | 0.71 | 0.53 | 0.97 | 0.91 | 0.74 | 0.55 | 1.00 | 0.93 | 0.76 | 0.57 | 1.00 | 0.96 | 0.78 | 0.58  | 1.00 | 1.00 | 0.81 | 0.61  | 1.00 | 1.00 | 0.82 | 0.61 |
|       | 1434    | ΔT                                   | 21   | 20   | 18   | 14   | 22   | 21   | 18   | 14   | 22   | 21   | 18   | 14   | 21   | 21   | 18   | 14    | 20   | 21   | 18   | 14    | 19   | 19   | 17   | 13   |
|       |         | kW                                   | 2.31 | 2.36 | 2.45 | 2.54 | 2.51 | 2.57 | 2.66 | 2.76 | 2.69 | 2.75 | 2.85 | 2.96 | 2.84 | 2.91 | 3.02 | 3.13  | 2.98 | 3.05 | 3.16 | 3.28  | 3.09 | 3.17 | 3.28 | 3.40 |
|       |         | Amps                                 | 7.6  | 7.8  | 8.0  | 8.3  | 8.2  | 8.4  | 8.7  | 9.0  | 8.9  | 9.1  | 9.5  | 9.8  | 9.5  | 9.8  | 10.1 | 10.5  | 10.2 | 10.4 | 10.8 | 11.2  | 10.8 | 11.0 | 11.4 | 11.8 |
|       |         | Hi PR                                | 140  | 151  | 159  | 166  | 157  | 169  | 178  | 186  | 179  | 192  | 203  | 212  | 203  | 219  | 231  | 241   | 229  | 246  | 260  | 271   | 253  | 272  | 287  | 300  |
|       |         | Lo PR                                | 64   | 69   | 75   | 80   | 68   | 72   | 79   | 84   | 71   | 75   | 82   | 88   | 74   | 79   | 86   | 92    | 78   | 83   | 91   | 96    | 81   | 86   | 94   | 100  |
|       |         | MBh                                  | 34.5 | 35.2 | 37.6 | 40.2 | 33.7 | 34.4 | 36.8 | 39.3 | 32.9 | 33.6 | 35.9 | 38.4 | 32.1 | 32.8 | 35.0 | 37.4  | 30.5 | 31.1 | 33.3 | 35.5  | 28.2 | 28.8 | 30.8 | 32.9 |
|       |         | S/T                                  | 0.89 | 0.84 | 0.68 | 0.51 | 0.92 | 0.87 | 0.70 | 0.53 | 0.95 | 0.89 | 0.72 | 0.54 | 0.98 | 0.92 | 0.75 | 0.56  | 1.00 | 0.95 | 0.77 | 0.58  | 1.00 | 0.96 | 0.78 | 0.58 |
|       | 1275    | ΔT                                   | 22   | 21   | 18   | 15   | 22   | 21   | 19   | 15   | 22   | 22   | 19   | 15   | 23   | 22   | 19   | 15    | 22   | 21   | 19   | 15    | 20   | 20   | 17   | 14   |
| kW    |         | 2.29                                 | 2.34 | 2.43 | 2.51 | 2.49 | 2.55 | 2.64 | 2.73 | 2.66 | 2.73 | 2.83 | 2.93 | 2.82 | 2.89 | 2.99 | 3.10 | 2.95  | 3.02 | 3.13 | 3.25 | 3.06  | 3.14 | 3.25 | 3.37 |      |
| Amps  |         | 7.5                                  | 7.7  | 8.0  | 8.3  | 8.1  | 8.3  | 8.6  | 8.9  | 8.8  | 9.1  | 9.4  | 9.7  | 9.5  | 9.7  | 10.0 | 10.4 | 10.1  | 10.3 | 10.7 | 11.1 | 10.7  | 10.9 | 11.3 | 11.7 |      |
| Hi PR |         | 139                                  | 149  | 157  | 164  | 156  | 167  | 177  | 184  | 177  | 190  | 201  | 210  | 201  | 217  | 229  | 239  | 227   | 244  | 258  | 269  | 250   | 269  | 285  | 297  |      |
|       |         | Lo PR                                | 64   | 68   | 74   | 79   | 67   | 72   | 78   | 83   | 70   | 75   | 81   | 87   | 74   | 78   | 86   | 91    | 77   | 82   | 90   | 95    | 80   | 85   | 93   | 99   |
|       |         | MBh                                  | 31.8 | 32.5 | 34.7 | 37.1 | 31.1 | 31.7 | 33.9 | 36.3 | 30.3 | 31.0 | 33.1 | 35.4 | 29.6 | 30.2 | 32.3 | 34.5  | 28.1 | 28.7 | 30.7 | 32.8  | 26.0 | 26.6 | 28.4 | 30.4 |
|       |         | S/T                                  | 0.86 | 0.81 | 0.66 | 0.49 | 0.89 | 0.84 | 0.68 | 0.51 | 0.91 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54  | 0.98 | 0.92 | 0.75 | 0.56  | 0.99 | 0.93 | 0.75 | 0.56 |
| 1116  |         | ΔT                                   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15    | 23   | 22   | 19   | 15    | 21   | 20   | 18   | 14   |
|       |         | kW                                   | 2.23 | 2.28 | 2.36 | 2.44 | 2.42 | 2.48 | 2.57 | 2.66 | 2.59 | 2.65 | 2.75 | 2.85 | 2.74 | 2.81 | 2.91 | 3.02  | 2.87 | 2.94 | 3.04 | 3.16  | 2.98 | 3.05 | 3.16 | 3.28 |
|       |         | Amps                                 | 7.3  | 7.5  | 7.8  | 8.0  | 7.9  | 8.1  | 8.4  | 8.7  | 8.6  | 8.8  | 9.1  | 9.4  | 9.2  | 9.4  | 9.7  | 10.1  | 9.8  | 10.0 | 10.4 | 10.8  | 10.4 | 10.6 | 11.0 | 11.4 |
|       | Hi PR   | 134                                  | 145  | 153  | 159  | 151  | 162  | 171  | 179  | 172  | 185  | 195  | 203  | 195  | 210  | 222  | 232  | 220   | 237  | 250  | 261  | 243   | 261  | 276  | 288  |      |
|       |         | Lo PR                                | 62   | 66   | 72   | 77   | 65   | 70   | 76   | 81   | 68   | 72   | 79   | 84   | 71   | 76   | 83   | 88    | 75   | 80   | 87   | 93    | 77   | 82   | 90   | 96   |

|      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85   | MBh   | 36.1 | 36.8 | 38.6 | 41.1 | 35.3 | 36.0 | 37.7 | 40.2 | 34.4 | 35.1 | 36.8 | 39.2 | 33.6 | 34.2 | 35.9 | 38.3 | 31.9 | 32.5 | 34.1 | 36.4 | 29.6 | 30.1 | 31.6 | 33.7 |
|      | S/T   | 0.98 | 0.95 | 0.85 | 0.69 | 1.00 | 0.98 | 0.88 | 0.72 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.97 | 0.79 | 1.00 | 1.00 | 0.98 | 0.79 |
|      | ΔT    | 23   | 22   | 21   | 18   | 23   | 23   | 21   | 18   | 22   | 23   | 21   | 18   | 22   | 22   | 22   | 19   | 20   | 21   | 21   | 18   | 19   | 19   | 20   | 17   |
|      | kW    | 2.33 | 2.38 | 2.47 | 2.56 | 2.53 | 2.59 | 2.69 | 2.78 | 2.71 | 2.78 | 2.88 | 2.98 | 2.87 | 2.94 | 3.05 | 3.16 | 3.00 | 3.08 | 3.19 | 3.31 | 3.12 | 3.20 | 3.31 | 3.44 |
|      | Amps  | 7.7  | 7.9  | 8.1  | 8.4  | 8.3  | 8.5  | 8.8  | 9.1  | 9.0  | 9.2  | 9.5  | 9.9  | 9.6  | 9.9  | 10.2 | 10.6 | 10.3 | 10.5 | 10.9 | 11.3 | 10.9 | 11.1 | 11.5 | 11.9 |
|      | Hi PR | 141  | 152  | 161  | 168  | 159  | 171  | 180  | 188  | 180  | 194  | 205  | 214  | 205  | 221  | 234  | 244  | 231  | 249  | 263  | 274  | 255  | 275  | 290  | 303  |
|      | Lo PR | 65   | 69   | 76   | 81   | 69   | 73   | 80   | 85   | 72   | 76   | 83   | 88   | 75   | 80   | 87   | 93   | 79   | 84   | 91   | 97   | 81   | 87   | 95   | 101  |
|      | MBh   | 35.1 | 35.7 | 37.4 | 39.9 | 34.3 | 34.9 | 36.6 | 39.0 | 33.4 | 34.1 | 35.7 | 38.1 | 32.6 | 33.3 | 34.8 | 37.2 | 31.0 | 31.6 | 33.1 | 35.3 | 28.7 | 29.3 | 30.6 | 32.7 |
|      | S/T   | 0.93 | 0.90 | 0.81 | 0.66 | 0.97 | 0.93 | 0.84 | 0.68 | 0.99 | 0.96 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.93 | 0.75 | 1.00 | 1.00 | 0.93 | 0.76 |
|      | ΔT    | 24   | 23   | 22   | 19   | 24   | 24   | 22   | 19   | 24   | 24   | 22   | 19   | 24   | 24   | 22   | 19   | 22   | 23   | 22   | 19   | 21   | 21   | 21   | 18   |
| 1116 | kW    | 2.31 | 2.36 | 2.45 | 2.54 | 2.51 | 2.57 | 2.66 | 2.76 | 2.69 | 2.75 | 2.85 | 2.96 | 2.84 | 2.91 | 3.02 | 3.13 | 2.98 | 3.05 | 3.16 | 3.28 | 3.09 | 3.17 | 3.28 | 3.40 |
|      | Amps  | 7.6  | 7.8  | 8.0  | 8.3  | 8.2  | 8.4  | 8.7  | 9.0  | 8.9  | 9.1  | 9.5  | 9.8  | 9.5  | 9.8  | 10.1 | 10.5 | 10.2 | 10.4 | 10.8 | 11.2 | 10.8 | 11.0 | 11.4 | 11.8 |
|      | Hi PR | 140  | 151  | 159  | 166  | 157  | 169  | 178  | 186  | 179  | 192  | 203  | 212  | 203  | 219  | 231  | 241  | 229  | 246  | 260  | 271  | 253  | 272  | 287  | 300  |
|      | Lo PR | 64   | 69   | 75   | 80   | 68   | 72   | 79   | 84   | 71   | 75   | 82   | 88   | 74   | 79   | 86   | 92   | 78   | 83   | 91   | 96   | 81   | 86   | 94   | 100  |
|      | MBh   | 32.4 | 33.0 | 34.6 | 36.9 | 31.6 | 32.2 | 33.8 | 36.0 | 30.9 | 31.5 | 32.9 | 35.1 | 30.1 | 30.7 | 32.1 | 34.3 | 28.6 | 29.2 | 30.5 | 32.6 | 26.5 | 27.0 | 28.3 | 30.2 |
|      | S/T   | 0.90 | 0.87 | 0.78 | 0.64 | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.92 | 0.83 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.90 | 0.73 |
|      | ΔT    | 24   | 24   | 22   | 19   | 24   | 24   | 23   | 20   | 24   | 24   | 23   | 20   | 25   | 24   | 23   | 20   | 24   | 24   | 22   | 19   | 22   | 22   | 21   | 18   |
|      | kW    | 2.25 | 2.30 | 2.38 | 2.47 | 2.44 | 2.50 | 2.59 | 2.68 | 2.61 | 2.68 | 2.77 | 2.87 | 2.76 | 2.83 | 2.93 | 3.04 | 2.89 | 2.96 | 3.07 | 3.19 | 3.01 | 3.08 | 3.19 | 3.31 |
|      | Amps  | 7.4  | 7.6  | 7.8  | 8.1  | 8.0  | 8.2  | 8.5  | 8.8  | 8.7  | 8.9  | 9.2  | 9.5  | 9.3  | 9.5  | 9.8  | 10.2 | 9.9  | 10.1 | 10.5 | 10.9 | 10.5 | 10.7 | 11.1 | 11.5 |
|      | Hi PR | 136  | 146  | 154  | 161  | 152  | 164  | 173  | 181  | 173  | 186  | 197  | 205  | 197  | 212  | 224  | 234  | 222  | 239  | 252  | 263  | 245  | 264  | 279  | 291  |
|      | Lo PR | 63   | 67   | 73   | 77   | 66   | 70   | 77   | 82   | 69   | 73   | 80   | 85   | 72   | 77   | 84   | 89   | 76   | 80   | 88   | 94   | 78   | 83   | 91   | 97   |

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

# EXPANDED COOLING DATA — GSC130363B\* / CA\*F3636\*6C\*

|      |         | Outdoor Ambient Temperature |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |       |      |      |    |
|------|---------|-----------------------------|------|------|----|------|------|------|----|------|------|------|----|------|------|------|----|-------|------|------|----|-------|------|------|----|
|      |         | 65°F                        |      |      |    | 75°F |      |      |    | 85°F |      |      |    | 95°F |      |      |    | 105°F |      |      |    | 115°F |      |      |    |
| IDB  | Airflow | 59                          | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59    | 63   | 67   | 71 | 59    | 63   | 67   | 71 |
| 70   | MBh     | 32.6                        | 33.8 | 37.0 | -  | 31.9 | 33.0 | 36.2 | -  | 31.1 | 32.2 | 35.3 | -  | 30.3 | 31.4 | 34.4 | -  | 28.8  | 29.9 | 32.7 | -  | 26.7  | 27.7 | 30.3 | -  |
|      | S/T     | 0.69                        | 0.58 | 0.40 | -  | 0.72 | 0.60 | 0.42 | -  | 0.74 | 0.61 | 0.43 | -  | 0.76 | 0.63 | 0.44 | -  | 0.79  | 0.66 | 0.46 | -  | 0.80  | 0.66 | 0.46 | -  |
|      | ΔT      | 19                          | 16   | 12   | -  | 19   | 17   | 13   | -  | 19   | 17   | 13   | -  | 19   | 17   | 13   | -  | 19    | 16   | 12   | -  | 18    | 15   | 12   | -  |
|      | kW      | 2.34                        | 2.38 | 2.45 | -  | 2.49 | 2.54 | 2.61 | -  | 2.62 | 2.67 | 2.75 | -  | 2.74 | 2.79 | 2.87 | -  | 2.84  | 2.89 | 2.98 | -  | 2.93  | 2.98 | 3.07 | -  |
|      | Amps    | 9.6                         | 9.7  | 9.8  | -  | 9.9  | 10.0 | 10.2 | -  | 10.3 | 10.4 | 10.6 | -  | 10.7 | 10.8 | 11.0 | -  | 11.0  | 11.2 | 11.4 | -  | 11.4  | 11.5 | 11.7 | -  |
|      | Hi PR   | 140                         | 151  | 159  | -  | 157  | 169  | 179  | -  | 179  | 193  | 203  | -  | 204  | 219  | 232  | -  | 229   | 247  | 261  | -  | 253   | 273  | 288  | -  |
|      | Lo PR   | 60                          | 63   | 69   | -  | 63   | 67   | 73   | -  | 65   | 70   | 76   | -  | 69   | 73   | 80   | -  | 72    | 77   | 84   | -  | 75    | 79   | 87   | -  |
|      | MBh     | 33.1                        | 34.3 | 37.6 | -  | 32.3 | 33.5 | 36.7 | -  | 31.6 | 32.7 | 35.8 | -  | 30.8 | 31.9 | 35.0 | -  | 29.3  | 30.3 | 33.2 | -  | 27.1  | 28.1 | 30.8 | -  |
|      | S/T     | 0.72                        | 0.60 | 0.42 | -  | 0.74 | 0.62 | 0.43 | -  | 0.76 | 0.64 | 0.44 | -  | 0.79 | 0.66 | 0.46 | -  | 0.82  | 0.68 | 0.47 | -  | 0.82  | 0.69 | 0.48 | -  |
|      | ΔT      | 18                          | 16   | 12   | -  | 18   | 16   | 12   | -  | 18   | 16   | 12   | -  | 19   | 16   | 12   | -  | 18    | 16   | 12   | -  | 17    | 15   | 11   | -  |
|      | kW      | 2.37                        | 2.41 | 2.47 | -  | 2.52 | 2.57 | 2.64 | -  | 2.66 | 2.70 | 2.78 | -  | 2.77 | 2.83 | 2.91 | -  | 2.87  | 2.93 | 3.01 | -  | 2.96  | 3.02 | 3.11 | -  |
| 1200 | Amps    | 9.6                         | 9.7  | 9.9  | -  | 10.0 | 10.1 | 10.3 | -  | 10.4 | 10.5 | 10.7 | -  | 10.8 | 10.9 | 11.1 | -  | 11.1  | 11.3 | 11.5 | -  | 11.5  | 11.6 | 11.9 | -  |
|      | Hi PR   | 143                         | 153  | 162  | -  | 160  | 172  | 182  | -  | 182  | 196  | 207  | -  | 207  | 223  | 236  | -  | 233   | 251  | 265  | -  | 258   | 277  | 293  | -  |
|      | Lo PR   | 61                          | 65   | 70   | -  | 64   | 68   | 74   | -  | 67   | 71   | 77   | -  | 70   | 74   | 81   | -  | 73    | 78   | 85   | -  | 76    | 81   | 88   | -  |
|      | MBh     | 33.4                        | 34.7 | 38.0 | -  | 32.7 | 33.9 | 37.1 | -  | 31.9 | 33.0 | 36.2 | -  | 31.1 | 32.2 | 35.3 | -  | 29.6  | 30.6 | 33.6 | -  | 27.4  | 28.4 | 31.1 | -  |
|      | S/T     | 0.73                        | 0.61 | 0.42 | -  | 0.76 | 0.63 | 0.44 | -  | 0.78 | 0.65 | 0.45 | -  | 0.80 | 0.67 | 0.46 | -  | 0.83  | 0.70 | 0.48 | -  | 0.84  | 0.70 | 0.49 | -  |
|      | ΔT      | 17                          | 15   | 11   | -  | 18   | 15   | 12   | -  | 18   | 15   | 12   | -  | 18   | 15   | 12   | -  | 17    | 15   | 11   | -  | 16    | 14   | 11   | -  |
|      | kW      | 2.37                        | 2.42 | 2.48 | -  | 2.53 | 2.57 | 2.64 | -  | 2.66 | 2.71 | 2.79 | -  | 2.78 | 2.83 | 2.91 | -  | 2.88  | 2.94 | 3.02 | -  | 2.97  | 3.03 | 3.11 | -  |
|      | Amps    | 9.6                         | 9.7  | 9.9  | -  | 10.0 | 10.1 | 10.3 | -  | 10.4 | 10.5 | 10.7 | -  | 10.8 | 10.9 | 11.1 | -  | 11.1  | 11.3 | 11.5 | -  | 11.5  | 11.7 | 11.9 | -  |
|      | Hi PR   | 143                         | 154  | 163  | -  | 161  | 173  | 182  | -  | 183  | 196  | 207  | -  | 208  | 224  | 236  | -  | 234   | 252  | 266  | -  | 258   | 278  | 294  | -  |
|      | Lo PR   | 61                          | 65   | 71   | -  | 64   | 68   | 75   | -  | 67   | 71   | 78   | -  | 70   | 75   | 81   | -  | 74    | 78   | 85   | -  | 76    | 81   | 88   | -  |

|      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75   | MBh   | 33.2 | 34.1 | 37.0 | 39.7 | 32.4 | 33.4 | 36.1 | 38.7 | 31.6 | 32.6 | 35.2 | 37.8 | 30.9 | 31.8 | 34.4 | 36.9 | 29.3 | 30.2 | 32.7 | 35.1 | 27.1 | 28.0 | 30.3 | 32.5 |
|      | S/T   | 0.79 | 0.70 | 0.53 | 0.34 | 0.82 | 0.73 | 0.55 | 0.36 | 0.84 | 0.75 | 0.57 | 0.36 | 0.86 | 0.77 | 0.58 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.90 | 0.81 | 0.61 | 0.39 |
|      | ΔT    | 22   | 20   | 16   | 11   | 22   | 20   | 17   | 12   | 22   | 20   | 17   | 12   | 22   | 21   | 17   | 12   | 22   | 20   | 17   | 11   | 21   | 19   | 15   | 11   |
|      | kW    | 2.36 | 2.40 | 2.46 | 2.53 | 2.51 | 2.55 | 2.62 | 2.70 | 2.64 | 2.69 | 2.77 | 2.85 | 2.76 | 2.81 | 2.89 | 2.98 | 2.86 | 2.92 | 3.00 | 3.09 | 2.95 | 3.00 | 3.09 | 3.18 |
|      | Amps  | 9.6  | 9.7  | 9.8  | 10.0 | 9.9  | 10.1 | 10.2 | 10.4 | 10.4 | 10.5 | 10.7 | 10.9 | 10.7 | 10.9 | 11.0 | 11.3 | 11.1 | 11.2 | 11.4 | 11.7 | 11.4 | 11.6 | 11.8 | 12.1 |
|      | Hi PR | 142  | 152  | 161  | 168  | 159  | 171  | 181  | 188  | 181  | 195  | 205  | 214  | 206  | 222  | 234  | 244  | 232  | 249  | 263  | 275  | 256  | 275  | 291  | 303  |
|      | Lo PR | 60   | 64   | 70   | 74   | 64   | 68   | 74   | 79   | 66   | 70   | 77   | 82   | 69   | 74   | 81   | 86   | 73   | 77   | 85   | 90   | 75   | 80   | 87   | 93   |
|      | MBh   | 33.7 | 34.7 | 37.5 | 40.3 | 32.9 | 33.9 | 36.6 | 39.3 | 32.1 | 33.1 | 35.8 | 38.4 | 31.3 | 32.2 | 34.9 | 37.5 | 29.8 | 30.6 | 33.2 | 35.6 | 27.6 | 28.4 | 30.7 | 33.0 |
|      | S/T   | 0.82 | 0.73 | 0.55 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.40 | 0.94 | 0.84 | 0.63 | 0.41 |
|      | ΔT    | 21   | 19   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 20   | 18   | 15   | 10   |
|      | kW    | 2.38 | 2.43 | 2.49 | 2.56 | 2.54 | 2.59 | 2.66 | 2.73 | 2.67 | 2.72 | 2.80 | 2.88 | 2.79 | 2.85 | 2.93 | 3.01 | 2.90 | 2.95 | 3.04 | 3.13 | 2.98 | 3.04 | 3.13 | 3.22 |
| 1200 | Amps  | 9.7  | 9.8  | 9.9  | 10.1 | 10.0 | 10.1 | 10.3 | 10.5 | 10.4 | 10.6 | 10.8 | 11.0 | 10.8 | 10.9 | 11.1 | 11.4 | 11.2 | 11.3 | 11.5 | 11.8 | 11.5 | 11.7 | 11.9 | 12.2 |
|      | Hi PR | 144  | 155  | 164  | 171  | 162  | 174  | 184  | 192  | 184  | 198  | 209  | 218  | 209  | 225  | 238  | 248  | 236  | 254  | 268  | 279  | 260  | 280  | 296  | 309  |
|      | Lo PR | 61   | 65   | 71   | 76   | 65   | 69   | 75   | 80   | 67   | 72   | 78   | 83   | 71   | 75   | 82   | 87   | 74   | 79   | 86   | 92   | 77   | 81   | 89   | 95   |
|      | MBh   | 34.0 | 35.0 | 37.9 | 40.7 | 33.2 | 34.2 | 37.0 | 39.7 | 32.4 | 33.4 | 36.1 | 38.8 | 31.6 | 32.6 | 35.3 | 37.8 | 30.1 | 30.9 | 33.5 | 35.9 | 27.8 | 28.7 | 31.0 | 33.3 |
|      | S/T   | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.38 | 0.89 | 0.79 | 0.60 | 0.39 | 0.91 | 0.82 | 0.62 | 0.40 | 0.95 | 0.85 | 0.64 | 0.41 | 0.96 | 0.86 | 0.65 | 0.42 |
|      | ΔT    | 20   | 18   | 15   | 10   | 20   | 19   | 15   | 11   | 20   | 19   | 15   | 11   | 20   | 19   | 15   | 11   | 20   | 19   | 15   | 10   | 19   | 17   | 14   | 10   |
|      | kW    | 2.39 | 2.43 | 2.50 | 2.56 | 2.54 | 2.59 | 2.66 | 2.74 | 2.68 | 2.73 | 2.81 | 2.89 | 2.80 | 2.85 | 2.93 | 3.02 | 2.90 | 2.96 | 3.04 | 3.13 | 2.99 | 3.05 | 3.14 | 3.23 |
|      | Amps  | 9.7  | 9.8  | 9.9  | 10.1 | 10.0 | 10.2 | 10.3 | 10.5 | 10.5 | 10.6 | 10.8 | 11.0 | 10.8 | 11.0 | 11.2 | 11.4 | 11.2 | 11.3 | 11.5 | 11.8 | 11.6 | 11.7 | 11.9 | 12.2 |
|      | Hi PR | 145  | 156  | 164  | 171  | 162  | 175  | 184  | 192  | 184  | 198  | 210  | 219  | 210  | 226  | 239  | 249  | 236  | 254  | 269  | 280  | 261  | 281  | 297  | 309  |
|      | Lo PR | 61   | 65   | 71   | 76   | 65   | 69   | 75   | 80   | 67   | 72   | 78   | 83   | 71   | 75   | 82   | 88   | 74   | 79   | 86   | 92   | 77   | 82   | 89   | 95   |

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

# EXPANDED COOLING DATA — GSC130363B\* / CA\*F3636\*6C\* (CONT.)

|       |         | Outdoor Ambient Temperature          |      |      |      |      |      |      |      |      |      |      |      | 115°F |      |      |      |      |      |       |      |      |      |      |      |       |      |      |      |      |      |      |      |
|-------|---------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|-------|------|------|------|------|------|-------|------|------|------|------|------|------|------|
|       |         | 75°F                                 |      |      |      |      |      | 85°F |      |      |      |      |      | 95°F  |      |      |      |      |      | 105°F |      |      |      |      |      | 115°F |      |      |      |      |      |      |      |
| 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   | 59   | 63   | 67   | 71   |
| 80    | MBh     | 33.8                                 | 34.5 | 36.8 | 39.4 | 33.0 | 33.7 | 36.0 | 38.5 | 32.2 | 32.9 | 35.1 | 37.6 | 31.4  | 32.1 | 34.3 | 36.6 | 29.8 | 30.5 | 32.6  | 34.8 | 27.6 | 28.2 | 30.2 | 32.2 | 27.6  | 28.2 | 30.2 | 32.2 | 27.6 | 28.2 | 30.2 | 32.2 |
|       | S/T     | 0.86                                 | 0.81 | 0.66 | 0.49 | 0.90 | 0.84 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.95  | 0.89 | 0.72 | 0.54 | 0.98 | 0.92 | 0.75  | 0.56 | 0.99 | 0.93 | 0.76 | 0.57 | 0.99  | 0.93 | 0.76 | 0.57 | 0.99 | 0.93 | 0.76 | 0.57 |
|       | ΔT      | 24                                   | 23   | 20   | 16   | 25   | 24   | 21   | 16   | 25   | 24   | 21   | 16   | 25    | 24   | 21   | 17   | 25   | 23   | 20    | 16   | 23   | 22   | 19   | 15   | 23    | 22   | 19   | 15   | 23   | 22   | 19   | 15   |
|       | kW      | 2.37                                 | 2.42 | 2.48 | 2.55 | 2.53 | 2.57 | 2.64 | 2.72 | 2.66 | 2.71 | 2.79 | 2.87 | 2.78  | 2.83 | 2.91 | 3.00 | 2.88 | 2.94 | 3.02  | 3.11 | 2.97 | 3.03 | 3.11 | 3.21 | 2.97  | 3.03 | 3.11 | 3.21 | 2.97 | 3.03 | 3.11 | 3.21 |
|       | Amps    | 9.6                                  | 9.7  | 9.9  | 10.1 | 10.0 | 10.1 | 10.3 | 10.5 | 10.4 | 10.5 | 10.7 | 10.9 | 10.8  | 10.9 | 11.1 | 11.3 | 11.1 | 11.3 | 11.5  | 11.7 | 11.5 | 11.7 | 11.9 | 12.1 | 11.5  | 11.7 | 11.9 | 12.1 | 11.5 | 11.7 | 11.9 | 12.1 |
|       | Hi PR   | 143                                  | 154  | 163  | 170  | 161  | 173  | 182  | 190  | 183  | 196  | 207  | 216  | 208   | 224  | 236  | 246  | 234  | 252  | 266   | 277  | 258  | 278  | 294  | 306  | 258   | 278  | 294  | 306  | 258  | 278  | 294  | 306  |
|       | Lo PR   | 61                                   | 65   | 71   | 75   | 64   | 68   | 75   | 79   | 67   | 71   | 78   | 83   | 70    | 75   | 81   | 87   | 74   | 78   | 85    | 91   | 76   | 81   | 88   | 94   | 76    | 81   | 88   | 94   | 76   | 81   | 88   | 94   |
|       | MBh     | 34.3                                 | 35.0 | 37.4 | 40.0 | 33.5 | 34.2 | 36.5 | 39.1 | 32.7 | 33.4 | 35.7 | 38.1 | 31.9  | 32.6 | 34.8 | 37.2 | 30.3 | 30.9 | 33.1  | 35.3 | 28.1 | 28.7 | 30.6 | 32.7 | 28.1  | 28.7 | 30.6 | 32.7 | 28.1 | 28.7 | 30.6 | 32.7 |
|       | S/T     | 0.90                                 | 0.84 | 0.68 | 0.51 | 0.93 | 0.87 | 0.71 | 0.53 | 0.95 | 0.89 | 0.73 | 0.54 | 0.98  | 0.92 | 0.75 | 0.56 | 1.00 | 0.96 | 0.78  | 0.58 | 1.00 | 0.96 | 0.78 | 0.59 | 1.00  | 0.96 | 0.78 | 0.59 | 1.00 | 0.96 | 0.78 | 0.59 |
|       | ΔT      | 24                                   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24    | 23   | 20   | 16   | 23   | 23   | 20    | 16   | 21   | 21   | 18   | 15   | 21    | 21   | 18   | 15   | 21   | 21   | 18   | 15   |
|       | kW      | 2.40                                 | 2.44 | 2.51 | 2.58 | 2.56 | 2.60 | 2.67 | 2.75 | 2.69 | 2.74 | 2.82 | 2.90 | 2.81  | 2.87 | 2.95 | 3.04 | 2.92 | 2.97 | 3.06  | 3.15 | 3.01 | 3.06 | 3.15 | 3.25 | 3.01  | 3.06 | 3.15 | 3.25 | 3.01 | 3.06 | 3.15 | 3.25 |
| Amps  | 9.7     | 9.8                                  | 10.0 | 10.1 | 10.1 | 10.2 | 10.4 | 10.5 | 10.5 | 10.6 | 10.8 | 11.0 | 10.9 | 11.0  | 11.2 | 11.4 | 11.2 | 11.4 | 11.6 | 11.8  | 11.6 | 11.8 | 12.0 | 12.2 | 11.6 | 11.8  | 12.0 | 12.2 | 11.6 | 11.8 | 12.0 | 12.2 |      |
| Hi PR | 146     | 157                                  | 165  | 173  | 163  | 176  | 186  | 194  | 186  | 200  | 211  | 220  | 212  | 228   | 240  | 251  | 238  | 256  | 270  | 282   | 263  | 283  | 299  | 312  | 263  | 283   | 299  | 312  | 263  | 283  | 299  | 312  |      |
| Lo PR | 62      | 66                                   | 72   | 77   | 65   | 70   | 76   | 81   | 68   | 72   | 79   | 84   | 71   | 76    | 83   | 88   | 75   | 80   | 87   | 93    | 77   | 82   | 90   | 96   | 77   | 82    | 90   | 96   | 77   | 82   | 90   | 96   |      |
| 1300  | MBh     | 34.6                                 | 35.4 | 37.8 | 40.4 | 33.8 | 34.5 | 36.9 | 39.5 | 33.0 | 33.7 | 36.0 | 38.5 | 32.2  | 32.9 | 35.1 | 37.6 | 30.6 | 31.3 | 33.4  | 35.7 | 28.3 | 29.0 | 30.9 | 33.1 | 28.3  | 29.0 | 30.9 | 33.1 | 28.3 | 29.0 | 30.9 | 33.1 |
|       | S/T     | 0.91                                 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.00  | 0.94 | 0.76 | 0.57 | 1.00 | 0.98 | 0.79  | 0.59 | 1.00 | 0.98 | 0.80 | 0.60 | 1.00  | 0.98 | 0.80 | 0.60 | 1.00 | 0.98 | 0.80 | 0.60 |
|       | ΔT      | 22                                   | 21   | 19   | 15   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 23    | 22   | 19   | 15   | 22   | 22   | 19    | 15   | 20   | 20   | 18   | 14   | 20    | 20   | 18   | 14   | 20   | 20   | 18   | 14   |
|       | kW      | 2.41                                 | 2.45 | 2.51 | 2.58 | 2.56 | 2.61 | 2.68 | 2.76 | 2.70 | 2.75 | 2.83 | 2.91 | 2.82  | 2.87 | 2.96 | 3.04 | 2.92 | 2.98 | 3.07  | 3.16 | 3.01 | 3.07 | 3.16 | 3.26 | 3.01  | 3.07 | 3.16 | 3.26 | 3.01 | 3.07 | 3.16 | 3.26 |
|       | Amps    | 9.7                                  | 9.8  | 10.0 | 10.2 | 10.1 | 10.2 | 10.4 | 10.6 | 10.5 | 10.6 | 10.8 | 11.0 | 10.9  | 11.0 | 11.2 | 11.4 | 11.2 | 11.4 | 11.6  | 11.9 | 11.6 | 11.8 | 12.0 | 12.3 | 11.6  | 11.8 | 12.0 | 12.3 | 11.6 | 11.8 | 12.0 | 12.3 |
|       | Hi PR   | 146                                  | 157  | 166  | 173  | 164  | 176  | 186  | 194  | 186  | 200  | 212  | 221  | 212   | 228  | 241  | 251  | 239  | 257  | 271   | 283  | 264  | 284  | 300  | 313  | 264   | 284  | 300  | 313  | 264  | 284  | 300  | 313  |
|       | Lo PR   | 62                                   | 66   | 72   | 77   | 66   | 70   | 76   | 81   | 68   | 73   | 79   | 84   | 72    | 76   | 83   | 89   | 75   | 80   | 87    | 93   | 78   | 83   | 90   | 96   | 78    | 83   | 90   | 96   | 78   | 83   | 90   | 96   |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1100  | MBh   | 34.3 | 35.0 | 36.7 | 39.1 | 33.5 | 34.2 | 35.8 | 38.2 | 32.7 | 33.4 | 35.0 | 37.3 | 31.9 | 32.6 | 34.1 | 36.4 | 30.3 | 30.9 | 32.4 | 34.6 | 28.1 | 28.7 | 30.0 | 32.0 |
|       | S/T   | 0.91 | 0.87 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.96 | 0.87 | 0.70 | 1.00 | 0.99 | 0.90 | 0.73 | 1.00 | 1.00 | 0.91 | 0.73 |
|       | ΔT    | 26   | 26   | 24   | 21   | 26   | 26   | 24   | 21   | 26   | 26   | 24   | 21   | 27   | 26   | 25   | 21   | 25   | 26   | 24   | 21   | 23   | 24   | 23   | 20   |
|       | kW    | 2.39 | 2.43 | 2.50 | 2.56 | 2.54 | 2.59 | 2.66 | 2.74 | 2.68 | 2.73 | 2.81 | 2.89 | 2.80 | 2.85 | 2.93 | 3.02 | 2.90 | 2.96 | 3.04 | 3.13 | 2.99 | 3.05 | 3.14 | 3.23 |
|       | Amps  | 9.7  | 9.8  | 9.9  | 10.1 | 10.0 | 10.2 | 10.3 | 10.5 | 10.5 | 10.6 | 10.8 | 11.0 | 10.8 | 11.0 | 11.2 | 11.4 | 11.2 | 11.3 | 11.5 | 11.8 | 11.6 | 11.7 | 11.9 | 12.2 |
|       | Hi PR | 145  | 156  | 164  | 171  | 162  | 174  | 184  | 192  | 184  | 198  | 210  | 219  | 210  | 226  | 239  | 249  | 236  | 254  | 269  | 280  | 261  | 281  | 297  | 309  |
|       | Lo PR | 61   | 65   | 71   | 76   | 65   | 69   | 75   | 80   | 67   | 72   | 78   | 83   | 71   | 75   | 82   | 88   | 74   | 79   | 86   | 92   | 77   | 82   | 89   | 95   |
|       | MBh   | 34.9 | 35.5 | 37.2 | 39.7 | 34.1 | 34.7 | 36.4 | 38.8 | 33.2 | 33.9 | 35.5 | 37.9 | 32.4 | 33.1 | 34.6 | 36.9 | 30.8 | 31.4 | 32.9 | 35.1 | 28.5 | 29.1 | 30.5 | 32.5 |
|       | S/T   | 0.94 | 0.91 | 0.82 | 0.66 | 0.97 | 0.94 | 0.85 | 0.69 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 0.99 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.76 | 1.00 | 1.00 | 0.94 | 0.76 |
|       | ΔT    | 25   | 25   | 23   | 20   | 25   | 25   | 24   | 20   | 25   | 25   | 24   | 20   | 25   | 25   | 24   | 21   | 24   | 24   | 23   | 20   | 22   | 22   | 22   | 19   |
|       | 1200  | kW   | 2.42 | 2.46 | 2.53 | 2.59 | 2.57 | 2.62 | 2.69 | 2.77 | 2.71 | 2.76 | 2.84 | 2.92 | 2.83 | 2.89 | 2.97 | 3.06 | 2.94 | 3.00 | 3.08 | 3.17 | 3.03 | 3.09 | 3.18 |
| Amps  |       | 9.7  | 9.9  | 10.0 | 10.2 | 10.1 | 10.2 | 10.4 | 10.6 | 10.5 | 10.7 | 10.9 | 11.1 | 10.9 | 11.1 | 11.3 | 11.5 | 11.3 | 11.4 | 11.7 | 11.9 | 11.7 | 11.8 | 12.0 | 12.3 |
| Hi PR |       | 147  | 158  | 167  | 174  | 165  | 178  | 187  | 196  | 188  | 202  | 213  | 222  | 214  | 230  | 243  | 253  | 240  | 259  | 273  | 285  | 266  | 286  | 302  | 315  |
| Lo PR |       | 63   | 66   | 73   | 77   | 66   | 70   | 77   | 82   | 69   | 73   | 80   | 85   | 72   | 77   | 84   | 89   | 76   | 80   | 88   | 93   | 78   | 83   | 91   | 97   |
| MBh   |       | 35.2 | 35.9 | 37.6 | 40.1 | 34.4 | 35.1 | 36.7 | 39.2 | 33.6 | 34.2 | 35.8 | 38.2 | 32.8 | 33.4 | 35.0 | 37.3 | 31.1 | 31.7 | 33.2 | 35.4 | 28.8 | 29.4 | 30.8 | 32.8 |
| S/T   |       | 0.96 | 0.92 | 0.83 | 0.68 | 0.99 | 0.96 | 0.86 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.96 | 0.78 |
| ΔT    |       | 24   | 23   | 22   | 19   | 24   | 24   | 22   | 19   | 24   | 24   | 22   | 19   | 23   | 24   | 23   | 20   | 22   | 22   | 22   | 19   | 20   | 21   | 21   | 18   |
| kW    |       | 2.42 | 2.47 | 2.53 | 2.60 | 2.58 | 2.63 | 2.70 | 2.77 | 2.72 | 2.77 | 2.85 | 2.93 | 2.84 | 2.90 | 2.98 | 3.07 | 2.94 | 3.00 | 3.09 | 3.18 | 3.03 | 3.09 | 3.19 | 3.28 |
| Amps  |       | 9.8  | 9.9  | 10.0 | 10.2 | 10.1 | 10.2 | 10.4 | 10.6 | 10.6 | 10.7 | 10.9 | 11.1 | 10.9 | 11.1 | 11.3 | 11.5 | 11.3 | 11.5 | 11.7 | 11.9 | 11.7 | 11.8 | 12.1 | 12.3 |
| Hi PR |       | 147  | 159  | 168  | 175  | 165  | 178  | 188  | 196  | 188  | 202  | 214  | 223  | 214  | 231  | 244  | 254  | 241  | 259  | 274  | 286  | 266  | 287  | 303  | 316  |
| Lo PR |       | 63   | 67   | 73   | 78   | 66   | 70   | 77   | 82   | 69   | 73   | 80   | 85   | 72   | 77   | 84   | 89   | 76   | 81   | 88   | 94   | 78   | 83   | 91   | 97   |

# EXPANDED COOLING DATA — GSC130483A\* / CACF061-A2B

|      |         | Outdoor Ambient Temperature |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |       |      |      |    |
|------|---------|-----------------------------|------|------|----|------|------|------|----|------|------|------|----|------|------|------|----|-------|------|------|----|-------|------|------|----|
|      |         | 65°F                        |      |      |    | 75°F |      |      |    | 85°F |      |      |    | 95°F |      |      |    | 105°F |      |      |    | 115°F |      |      |    |
| IDB  | Airflow | 59                          | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59    | 63   | 67   | 71 | 59    | 63   | 67   | 71 |
| 70   | MBh     | 44.6                        | 46.2 | 50.7 | -  | 43.6 | 45.2 | 49.5 | -  | 42.5 | 44.1 | 48.3 | -  | 41.5 | 43.0 | 47.1 | -  | 39.4  | 40.9 | 44.8 | -  | 36.5  | 37.8 | 41.5 | -  |
|      | S/T     | 0.77                        | 0.64 | 0.44 | -  | 0.80 | 0.66 | 0.46 | -  | 0.82 | 0.68 | 0.47 | -  | 0.84 | 0.70 | 0.49 | -  | 0.87  | 0.73 | 0.51 | -  | 0.88  | 0.74 | 0.51 | -  |
|      | ΔT      | 18                          | 15   | 11   | -  | 18   | 15   | 12   | -  | 18   | 15   | 12   | -  | 18   | 15   | 12   | -  | 18    | 15   | 12   | -  | 16    | 14   | 11   | -  |
|      | kW      | 3.10                        | 3.17 | 3.27 | -  | 3.34 | 3.41 | 3.52 | -  | 3.55 | 3.62 | 3.74 | -  | 3.73 | 3.81 | 3.94 | -  | 3.89  | 3.97 | 4.10 | -  | 4.02  | 4.11 | 4.25 | -  |
|      | Amps    | 10.0                        | 10.2 | 10.5 | -  | 10.8 | 11.0 | 11.4 | -  | 11.7 | 11.9 | 12.3 | -  | 12.5 | 12.7 | 13.2 | -  | 13.2  | 13.5 | 14.0 | -  | 14.0  | 14.3 | 14.8 | -  |
|      | Hi PR   | 152                         | 164  | 173  | -  | 171  | 184  | 194  | -  | 194  | 209  | 221  | -  | 221  | 238  | 251  | -  | 249   | 268  | 283  | -  | 275   | 296  | 312  | -  |
|      | Lo PR   | 63                          | 67   | 73   | -  | 67   | 71   | 78   | -  | 69   | 74   | 81   | -  | 73   | 78   | 85   | -  | 76    | 81   | 89   | -  | 79    | 84   | 92   | -  |
|      | MBh     | 43.3                        | 44.9 | 49.2 | -  | 42.3 | 43.8 | 48.0 | -  | 41.3 | 42.8 | 46.9 | -  | 40.3 | 41.8 | 45.8 | -  | 38.3  | 39.7 | 43.5 | -  | 35.5  | 36.7 | 40.3 | -  |
|      | S/T     | 0.73                        | 0.61 | 0.42 | -  | 0.76 | 0.63 | 0.44 | -  | 0.78 | 0.65 | 0.45 | -  | 0.80 | 0.67 | 0.46 | -  | 0.83  | 0.70 | 0.48 | -  | 0.84  | 0.70 | 0.49 | -  |
|      | ΔT      | 18                          | 16   | 12   | -  | 18   | 16   | 12   | -  | 18   | 16   | 12   | -  | 19   | 16   | 12   | -  | 18    | 16   | 12   | -  | 17    | 15   | 11   | -  |
| 1400 | kW      | 3.08                        | 3.14 | 3.24 | -  | 3.31 | 3.38 | 3.49 | -  | 3.52 | 3.59 | 3.71 | -  | 3.70 | 3.78 | 3.90 | -  | 3.85  | 3.94 | 4.07 | -  | 3.99  | 4.08 | 4.21 | -  |
|      | Amps    | 9.9                         | 10.1 | 10.5 | -  | 10.7 | 10.9 | 11.3 | -  | 11.6 | 11.8 | 12.2 | -  | 12.3 | 12.6 | 13.0 | -  | 13.1  | 13.4 | 13.9 | -  | 13.9  | 14.2 | 14.7 | -  |
|      | Hi PR   | 151                         | 162  | 171  | -  | 169  | 182  | 192  | -  | 192  | 207  | 219  | -  | 219  | 236  | 249  | -  | 246   | 265  | 280  | -  | 272   | 293  | 309  | -  |
|      | Lo PR   | 63                          | 67   | 73   | -  | 66   | 70   | 77   | -  | 69   | 73   | 80   | -  | 72   | 77   | 84   | -  | 76    | 80   | 88   | -  | 78    | 83   | 91   | -  |
|      | MBh     | 40.0                        | 41.4 | 45.4 | -  | 39.0 | 40.5 | 44.3 | -  | 38.1 | 39.5 | 43.3 | -  | 37.2 | 38.5 | 42.2 | -  | 35.3  | 36.6 | 40.1 | -  | 32.7  | 33.9 | 37.2 | -  |
|      | S/T     | 0.71                        | 0.59 | 0.41 | -  | 0.73 | 0.61 | 0.42 | -  | 0.75 | 0.63 | 0.43 | -  | 0.77 | 0.65 | 0.45 | -  | 0.80  | 0.67 | 0.47 | -  | 0.81  | 0.68 | 0.47 | -  |
|      | ΔT      | 19                          | 16   | 12   | -  | 19   | 16   | 12   | -  | 19   | 16   | 12   | -  | 19   | 16   | 12   | -  | 19    | 16   | 12   | -  | 17    | 15   | 11   | -  |
|      | kW      | 3.01                        | 3.07 | 3.16 | -  | 3.23 | 3.30 | 3.41 | -  | 3.43 | 3.51 | 3.62 | -  | 3.61 | 3.69 | 3.81 | -  | 3.76  | 3.84 | 3.97 | -  | 3.89  | 3.97 | 4.10 | -  |
|      | Amps    | 9.6                         | 9.9  | 10.2 | -  | 10.4 | 10.6 | 11.0 | -  | 11.3 | 11.5 | 11.9 | -  | 12.0 | 12.3 | 12.7 | -  | 12.8  | 13.1 | 13.5 | -  | 13.5  | 13.8 | 14.3 | -  |
|      | Hi PR   | 146                         | 157  | 166  | -  | 164  | 177  | 186  | -  | 187  | 201  | 212  | -  | 212  | 229  | 241  | -  | 239   | 257  | 272  | -  | 264   | 284  | 300  | -  |
|      | Lo PR   | 61                          | 65   | 70   | -  | 64   | 68   | 74   | -  | 67   | 71   | 77   | -  | 70   | 74   | 81   | -  | 73    | 78   | 85   | -  | 76    | 81   | 88   | -  |

|      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1800 | MBh   | 45.4 | 46.7 | 50.6 | 54.3 | 44.3 | 45.6 | 49.4 | 53.0 | 43.3 | 44.5 | 48.2 | 51.7 | 42.2 | 43.4 | 47.0 | 50.5 | 40.1 | 41.3 | 44.7 | 48.0 | 37.1 | 38.2 | 41.4 | 44.4 |
|      | S/T   | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.40 | 0.96 | 0.86 | 0.65 | 0.42 | 0.99 | 0.89 | 0.67 | 0.43 | 1.00 | 0.90 | 0.68 | 0.44 |
|      | ΔT    | 20   | 19   | 15   | 11   | 20   | 19   | 15   | 11   | 20   | 19   | 15   | 11   | 21   | 19   | 16   | 11   | 20   | 19   | 15   | 11   | 19   | 18   | 14   | 10   |
|      | kW    | 3.13 | 3.19 | 3.29 | 3.40 | 3.37 | 3.44 | 3.55 | 3.66 | 3.58 | 3.65 | 3.77 | 3.90 | 3.76 | 3.84 | 3.97 | 4.10 | 3.92 | 4.01 | 4.14 | 4.28 | 4.05 | 4.15 | 4.28 | 4.43 |
|      | Amps  | 10.1 | 10.3 | 10.6 | 11.0 | 10.9 | 11.1 | 11.5 | 11.9 | 11.8 | 12.1 | 12.4 | 12.9 | 12.6 | 12.9 | 13.3 | 13.8 | 13.4 | 13.7 | 14.1 | 14.6 | 14.1 | 14.5 | 14.9 | 15.5 |
|      | Hi PR | 154  | 165  | 175  | 182  | 173  | 186  | 196  | 204  | 196  | 211  | 223  | 233  | 223  | 240  | 254  | 265  | 251  | 271  | 286  | 298  | 278  | 299  | 316  | 329  |
|      | Lo PR | 64   | 68   | 74   | 79   | 67   | 72   | 78   | 83   | 70   | 75   | 81   | 87   | 74   | 78   | 85   | 91   | 77   | 82   | 90   | 95   | 80   | 85   | 93   | 99   |
|      | MBh   | 44.0 | 45.3 | 49.1 | 52.7 | 43.0 | 44.3 | 47.9 | 51.5 | 42.0 | 43.2 | 46.8 | 50.2 | 41.0 | 42.2 | 45.7 | 49.0 | 38.9 | 40.1 | 43.4 | 46.6 | 36.1 | 37.1 | 40.2 | 43.1 |
|      | S/T   | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.38 | 0.88 | 0.79 | 0.60 | 0.39 | 0.91 | 0.82 | 0.62 | 0.40 | 0.95 | 0.85 | 0.64 | 0.41 | 0.96 | 0.86 | 0.65 | 0.42 |
|      | ΔT    | 21   | 19   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 20   | 18   | 15   | 10   |
| 75   | kW    | 3.10 | 3.17 | 3.27 | 3.37 | 3.34 | 3.41 | 3.52 | 3.63 | 3.55 | 3.62 | 3.74 | 3.86 | 3.73 | 3.81 | 3.94 | 4.07 | 3.89 | 3.97 | 4.10 | 4.24 | 4.02 | 4.11 | 4.25 | 4.39 |
|      | Amps  | 10.0 | 10.2 | 10.5 | 10.9 | 10.8 | 11.0 | 11.4 | 11.8 | 11.7 | 12.0 | 12.3 | 12.8 | 12.5 | 12.8 | 13.2 | 13.7 | 13.2 | 13.6 | 14.0 | 14.5 | 14.0 | 14.3 | 14.8 | 15.4 |
|      | Hi PR | 152  | 164  | 173  | 180  | 171  | 184  | 194  | 202  | 194  | 209  | 221  | 230  | 221  | 238  | 251  | 262  | 249  | 268  | 283  | 295  | 275  | 296  | 313  | 326  |
|      | Lo PR | 63   | 67   | 73   | 78   | 67   | 71   | 78   | 83   | 69   | 74   | 81   | 86   | 73   | 78   | 85   | 90   | 76   | 81   | 89   | 94   | 79   | 84   | 92   | 98   |
|      | MBh   | 40.7 | 41.9 | 45.3 | 48.6 | 39.7 | 40.9 | 44.3 | 47.5 | 38.8 | 39.9 | 43.2 | 46.4 | 37.8 | 38.9 | 42.1 | 45.2 | 35.9 | 37.0 | 40.0 | 43.0 | 33.3 | 34.3 | 37.1 | 39.8 |
|      | S/T   | 0.80 | 0.72 | 0.54 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.91 | 0.82 | 0.62 | 0.40 | 0.92 | 0.82 | 0.62 | 0.40 |
|      | ΔT    | 21   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 17   | 11   | 22   | 20   | 16   | 11   | 20   | 19   | 15   | 10   |
|      | kW    | 3.03 | 3.09 | 3.19 | 3.29 | 3.26 | 3.33 | 3.43 | 3.54 | 3.46 | 3.54 | 3.65 | 3.77 | 3.64 | 3.72 | 3.84 | 3.97 | 3.79 | 3.87 | 4.00 | 4.13 | 3.92 | 4.01 | 4.14 | 4.28 |
|      | Amps  | 9.7  | 10.0 | 10.3 | 10.6 | 10.5 | 10.7 | 11.1 | 11.5 | 11.4 | 11.6 | 12.0 | 12.4 | 12.1 | 12.4 | 12.8 | 13.3 | 12.9 | 13.2 | 13.6 | 14.1 | 13.6 | 14.0 | 14.4 | 14.9 |
|      | Hi PR | 148  | 159  | 168  | 175  | 166  | 178  | 188  | 196  | 188  | 203  | 214  | 223  | 215  | 231  | 244  | 254  | 241  | 260  | 274  | 286  | 267  | 287  | 303  | 316  |
|      | Lo PR | 61   | 65   | 71   | 76   | 65   | 69   | 75   | 80   | 67   | 72   | 78   | 83   | 71   | 75   | 82   | 87   | 74   | 79   | 86   | 92   | 77   | 82   | 89   | 95   |

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

# EXPANDED COOLING DATA — GSC130483A\* / CACF061-A2B (CONT.)

|      |         | Outdoor Ambient Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |
|------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|
|      |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F |      |      |      | 105°F |      |      |      | 115°F |      |      |      |
| IDB  | Airflow | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |
| 80   | MBh     | 46.2                        | 47.2 | 50.4 | 53.9 | 45.1 | 46.1 | 49.2 | 52.6 | 44.0 | 45.0 | 48.1 | 51.4 | 43.0 | 43.9 | 46.9 | 50.1 | 40.8  | 41.7 | 44.5 | 47.6 | 37.8  | 38.6 | 41.3 | 44.1 |
|      | S/T     | 0.96                        | 0.90 | 0.73 | 0.55 | 1.00 | 0.93 | 0.76 | 0.57 | 1.00 | 0.95 | 0.78 | 0.58 | 1.00 | 1.00 | 0.80 | 0.60 | 1.00  | 1.00 | 0.83 | 0.62 | 1.00  | 1.00 | 0.84 | 0.63 |
|      | DT      | 23                          | 22   | 19   | 15   | 22   | 22   | 19   | 15   | 22   | 22   | 19   | 15   | 22   | 22   | 19   | 15   | 21    | 21   | 19   | 15   | 19    | 20   | 18   | 14   |
|      | kW      | 3.15                        | 3.22 | 3.32 | 3.43 | 3.39 | 3.47 | 3.58 | 3.69 | 3.61 | 3.68 | 3.80 | 3.93 | 3.79 | 3.88 | 4.00 | 4.14 | 3.95  | 4.04 | 4.17 | 4.31 | 4.09  | 4.18 | 4.32 | 4.46 |
|      | Amps    | 10.2                        | 10.4 | 10.7 | 11.1 | 11.0 | 11.2 | 11.6 | 12.0 | 11.9 | 12.2 | 12.6 | 13.0 | 12.7 | 13.0 | 13.4 | 13.9 | 13.5  | 13.8 | 14.3 | 14.8 | 14.3  | 14.6 | 15.1 | 15.7 |
|      | Hi PR   | 155                         | 167  | 176  | 184  | 174  | 188  | 198  | 207  | 198  | 213  | 225  | 235  | 226  | 243  | 257  | 268  | 254   | 273  | 289  | 301  | 281   | 302  | 319  | 333  |
|      | Lo PR   | 64                          | 69   | 75   | 80   | 68   | 72   | 79   | 84   | 71   | 75   | 82   | 88   | 74   | 79   | 86   | 92   | 78    | 83   | 90   | 96   | 81    | 86   | 94   | 100  |
|      | MBh     | 44.8                        | 45.8 | 48.9 | 52.3 | 43.8 | 44.7 | 47.8 | 51.1 | 42.7 | 43.7 | 46.7 | 49.9 | 41.7 | 42.6 | 45.5 | 48.7 | 39.6  | 40.5 | 43.2 | 46.2 | 36.7  | 37.5 | 40.1 | 42.8 |
|      | S/T     | 0.91                        | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00  | 0.98 | 0.79 | 0.59 | 1.00  | 0.98 | 0.80 | 0.60 |
|      | DT      | 24                          | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 23    | 23   | 20   | 16   | 21    | 21   | 18   | 15   |
| 1600 | kW      | 3.13                        | 3.19 | 3.29 | 3.40 | 3.37 | 3.44 | 3.55 | 3.66 | 3.58 | 3.65 | 3.77 | 3.90 | 3.76 | 3.84 | 3.97 | 4.10 | 3.92  | 4.01 | 4.14 | 4.28 | 4.06  | 4.15 | 4.28 | 4.43 |
|      | Amps    | 10.1                        | 10.3 | 10.6 | 11.0 | 10.9 | 11.1 | 11.5 | 11.9 | 11.8 | 12.1 | 12.4 | 12.9 | 12.6 | 12.9 | 13.3 | 13.8 | 13.4  | 13.7 | 14.1 | 14.6 | 14.1  | 14.5 | 14.9 | 15.5 |
|      | Hi PR   | 154                         | 165  | 175  | 182  | 173  | 186  | 196  | 204  | 196  | 211  | 223  | 233  | 223  | 241  | 254  | 265  | 251   | 271  | 286  | 298  | 278   | 299  | 316  | 329  |
|      | Lo PR   | 64                          | 68   | 74   | 79   | 67   | 72   | 78   | 83   | 70   | 75   | 81   | 87   | 74   | 78   | 85   | 91   | 77    | 82   | 90   | 95   | 80    | 85   | 93   | 99   |
|      | MBh     | 41.4                        | 42.3 | 45.2 | 48.3 | 40.4 | 41.3 | 44.1 | 47.2 | 39.5 | 40.3 | 43.1 | 46.0 | 38.5 | 39.3 | 42.0 | 44.9 | 36.6  | 37.4 | 39.9 | 42.7 | 33.9  | 34.6 | 37.0 | 39.5 |
|      | S/T     | 0.88                        | 0.83 | 0.67 | 0.50 | 0.91 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.71 | 0.53 | 0.97 | 0.91 | 0.74 | 0.55 | 1.00  | 0.94 | 0.77 | 0.57 | 1.01  | 0.95 | 0.77 | 0.58 |
|      | DT      | 24                          | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24    | 23   | 20   | 16   | 22    | 22   | 19   | 15   |
|      | kW      | 3.05                        | 3.12 | 3.21 | 3.32 | 3.29 | 3.36 | 3.46 | 3.57 | 3.49 | 3.56 | 3.68 | 3.80 | 3.67 | 3.75 | 3.87 | 4.00 | 3.82  | 3.91 | 4.03 | 4.17 | 3.95  | 4.04 | 4.17 | 4.31 |
|      | Amps    | 9.8                         | 10.0 | 10.4 | 10.7 | 10.6 | 10.8 | 11.2 | 11.6 | 11.5 | 11.7 | 12.1 | 12.6 | 12.2 | 12.5 | 12.9 | 13.4 | 13.0  | 13.3 | 13.7 | 14.2 | 13.7  | 14.1 | 14.5 | 15.1 |
|      | Hi PR   | 149                         | 161  | 169  | 177  | 167  | 180  | 190  | 198  | 190  | 205  | 216  | 226  | 217  | 233  | 246  | 257  | 244   | 262  | 277  | 289  | 269   | 290  | 306  | 319  |
|      | Lo PR   | 62                          | 66   | 72   | 77   | 65   | 70   | 76   | 81   | 68   | 72   | 79   | 84   | 71   | 76   | 83   | 88   | 75    | 80   | 87   | 93   | 77    | 82   | 90   | 96   |

|      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1800 | MBh   | 47.0 | 47.9 | 50.2 | 53.5 | 45.9 | 46.8 | 49.0 | 52.3 | 44.8 | 45.7 | 47.8 | 51.0 | 43.7 | 44.5 | 46.7 | 49.8 | 41.5 | 42.3 | 44.3 | 47.3 | 38.5 | 39.2 | 41.1 | 43.8 |
|      | S/T   | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.93 | 0.75 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 0.90 | 0.81 | 1.00 | 1.00 | 0.90 | 0.81 |
|      | DT    | 24   | 24   | 22   | 19   | 23   | 24   | 23   | 20   | 23   | 23   | 23   | 20   | 22   | 23   | 23   | 20   | 21   | 22   | 23   | 20   | 20   | 20   | 21   | 18   |
|      | kW    | 3.18 | 3.24 | 3.35 | 3.45 | 3.42 | 3.49 | 3.61 | 3.72 | 3.63 | 3.71 | 3.83 | 3.96 | 3.82 | 3.91 | 4.04 | 4.17 | 3.98 | 4.07 | 4.21 | 4.35 | 4.12 | 4.22 | 4.36 | 4.50 |
|      | Amps  | 10.3 | 10.5 | 10.8 | 11.2 | 11.1 | 11.3 | 11.7 | 12.1 | 12.0 | 12.3 | 12.7 | 13.1 | 12.8 | 13.1 | 13.5 | 14.0 | 13.6 | 13.9 | 14.4 | 14.9 | 14.4 | 14.7 | 15.2 | 15.8 |
|      | Hi PR | 157  | 169  | 178  | 186  | 176  | 189  | 200  | 209  | 200  | 215  | 227  | 237  | 228  | 245  | 259  | 270  | 256  | 276  | 291  | 304  | 283  | 305  | 322  | 336  |
|      | Lo PR | 65   | 69   | 76   | 81   | 69   | 73   | 80   | 85   | 71   | 76   | 83   | 88   | 75   | 80   | 87   | 93   | 79   | 84   | 91   | 97   | 81   | 87   | 95   | 101  |
|      | MBh   | 45.6 | 46.5 | 48.7 | 51.9 | 44.5 | 45.4 | 47.6 | 50.7 | 43.5 | 44.3 | 46.4 | 49.5 | 42.4 | 43.2 | 45.3 | 48.3 | 40.3 | 41.1 | 43.0 | 45.9 | 37.3 | 38.1 | 39.9 | 42.5 |
|      | S/T   | 0.96 | 0.92 | 0.83 | 0.68 | 0.99 | 0.96 | 0.86 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.96 | 0.78 |
|      | DT    | 25   | 25   | 23   | 20   | 25   | 25   | 24   | 20   | 25   | 25   | 24   | 20   | 24   | 25   | 24   | 21   | 23   | 24   | 23   | 20   | 21   | 22   | 22   | 19   |
| 1600 | kW    | 3.15 | 3.22 | 3.32 | 3.43 | 3.39 | 3.47 | 3.58 | 3.69 | 3.61 | 3.68 | 3.80 | 3.93 | 3.79 | 3.88 | 4.00 | 4.14 | 3.95 | 4.04 | 4.17 | 4.31 | 4.09 | 4.18 | 4.32 | 4.46 |
|      | Amps  | 10.2 | 10.4 | 10.7 | 11.1 | 11.0 | 11.2 | 11.6 | 12.0 | 11.9 | 12.2 | 12.6 | 13.0 | 12.7 | 13.0 | 13.4 | 13.9 | 13.5 | 13.8 | 14.3 | 14.8 | 14.3 | 14.6 | 15.1 | 15.7 |
|      | Hi PR | 155  | 167  | 176  | 184  | 174  | 188  | 198  | 207  | 198  | 213  | 225  | 235  | 226  | 243  | 257  | 268  | 254  | 273  | 289  | 301  | 281  | 302  | 319  | 333  |
|      | Lo PR | 64   | 69   | 75   | 80   | 68   | 72   | 79   | 84   | 71   | 75   | 82   | 88   | 74   | 79   | 86   | 92   | 78   | 83   | 90   | 96   | 81   | 86   | 94   | 100  |
|      | MBh   | 42.1 | 42.9 | 44.9 | 47.9 | 41.1 | 41.9 | 43.9 | 46.8 | 40.1 | 40.9 | 42.9 | 45.7 | 39.2 | 39.9 | 41.8 | 44.6 | 37.2 | 37.9 | 39.7 | 42.4 | 34.5 | 35.1 | 36.8 | 39.3 |
|      | S/T   | 0.92 | 0.89 | 0.80 | 0.65 | 0.96 | 0.92 | 0.83 | 0.68 | 0.98 | 0.95 | 0.85 | 0.69 | 1.00 | 0.98 | 0.88 | 0.72 | 1.00 | 1.00 | 0.92 | 0.74 | 1.00 | 1.00 | 0.92 | 0.75 |
|      | DT    | 26   | 25   | 24   | 21   | 26   | 25   | 24   | 21   | 26   | 25   | 24   | 21   | 26   | 26   | 24   | 21   | 24   | 25   | 24   | 21   | 23   | 23   | 22   | 19   |
|      | kW    | 3.08 | 3.14 | 3.24 | 3.34 | 3.31 | 3.38 | 3.49 | 3.60 | 3.52 | 3.59 | 3.71 | 3.83 | 3.70 | 3.78 | 3.90 | 4.03 | 3.85 | 3.94 | 4.07 | 4.20 | 3.99 | 4.07 | 4.21 | 4.35 |
|      | Amps  | 9.9  | 10.1 | 10.5 | 10.8 | 10.7 | 10.9 | 11.3 | 11.7 | 11.6 | 11.8 | 12.2 | 12.7 | 12.3 | 12.6 | 13.0 | 13.5 | 13.1 | 13.4 | 13.9 | 14.4 | 13.9 | 14.2 | 14.7 | 15.2 |
|      | Hi PR | 151  | 162  | 171  | 179  | 169  | 182  | 192  | 200  | 192  | 207  | 218  | 228  | 219  | 236  | 249  | 260  | 246  | 265  | 280  | 292  | 272  | 293  | 309  | 323  |
|      | Lo PR | 63   | 67   | 73   | 77   | 66   | 70   | 77   | 82   | 69   | 73   | 80   | 85   | 72   | 77   | 84   | 89   | 76   | 80   | 88   | 93   | 78   | 83   | 91   | 97   |

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

Shaded area reflects AHRI (TVA) conditions  
Amps = outdoor unit amps (comp. + fan)  
kW = Total system power

# EXPANDED COOLING DATA — GSC130483B\* / CA\*F4860\*6B\*

|      |         | Outdoor Ambient Temperature          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |   |
|------|---------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|---|
|      |         | 65°F                                 |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F |      |      |      | 105°F |      |      |      | 115°F |      |      |      |   |
|      |         | Entering Indoor Wet Bulb Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |   |
| IDB  | Airflow | 59                                   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |   |
| 70   |         | MBh                                  | 42.6 | 44.2 | 48.4 | -    | 41.6 | 43.2 | 47.3 | -    | 40.7 | 42.1 | 46.2 | -    | 39.7 | 41.1 | 45.0 | -     | 37.7 | 39.1 | 42.8 | -     | 34.9 | 36.2 | 39.6 | - |
|      |         | S/T                                  | 0.69 | 0.58 | 0.40 | -    | 0.72 | 0.60 | 0.42 | -    | 0.74 | 0.61 | 0.43 | -    | 0.76 | 0.63 | 0.44 | -     | 0.79 | 0.66 | 0.46 | -     | 0.80 | 0.66 | 0.46 | - |
|      |         | ΔT                                   | 19   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -     | 20   | 17   | 13   | -     | 18   | 16   | 12   | - |
|      | 1400    | kW                                   | 2.96 | 3.03 | 3.14 | -    | 3.22 | 3.30 | 3.42 | -    | 3.45 | 3.54 | 3.67 | -    | 3.66 | 3.75 | 3.89 | -     | 3.83 | 3.93 | 4.07 | -     | 3.98 | 4.08 | 4.23 | - |
|      |         | Amps                                 | 7.8  | 8.0  | 8.3  | -    | 8.5  | 8.7  | 8.9  | -    | 9.2  | 9.4  | 9.7  | -    | 9.8  | 10.0 | 10.3 | -     | 10.4 | 10.6 | 11.0 | -     | 11.0 | 11.3 | 11.6 | - |
|      |         | Hi PR                                | 140  | 151  | 159  | -    | 157  | 169  | 178  | -    | 179  | 192  | 203  | -    | 203  | 219  | 231  | -     | 229  | 246  | 260  | -     | 253  | 272  | 287  | - |
|      |         | Lo PR                                | 61   | 65   | 71   | -    | 64   | 69   | 75   | -    | 67   | 71   | 78   | -    | 70   | 75   | 82   | -     | 74   | 78   | 86   | -     | 76   | 81   | 89   | - |
|      |         | MBh                                  | 43.3 | 44.9 | 49.2 | -    | 42.3 | 43.8 | 48.0 | -    | 41.3 | 42.8 | 46.9 | -    | 40.3 | 41.7 | 45.7 | -     | 38.3 | 39.6 | 43.4 | -     | 35.4 | 36.7 | 40.2 | - |
|      |         | S/T                                  | 0.72 | 0.60 | 0.42 | -    | 0.74 | 0.62 | 0.43 | -    | 0.76 | 0.64 | 0.44 | -    | 0.79 | 0.66 | 0.46 | -     | 0.82 | 0.68 | 0.47 | -     | 0.82 | 0.69 | 0.48 | - |
|      |         | ΔT                                   | 18   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -     | 19   | 16   | 12   | -     | 17   | 15   | 11   | - |
|      | 1550    | kW                                   | 3.01 | 3.08 | 3.19 | -    | 3.27 | 3.35 | 3.48 | -    | 3.51 | 3.60 | 3.73 | -    | 3.72 | 3.81 | 3.95 | -     | 3.89 | 3.99 | 4.14 | -     | 4.05 | 4.15 | 4.30 | - |
|      |         | Amps                                 | 8.0  | 8.1  | 8.4  | -    | 8.6  | 8.8  | 9.1  | -    | 9.3  | 9.5  | 9.8  | -    | 9.9  | 10.2 | 10.5 | -     | 10.6 | 10.8 | 11.2 | -     | 11.2 | 11.4 | 11.8 | - |
|      | Hi PR   | 142                                  | 153  | 162  | -    | 160  | 172  | 182  | -    | 182  | 196  | 206  | -    | 207  | 223  | 235  | -    | 233   | 251  | 265  | -    | 257   | 277  | 292  | -    |   |
|      | Lo PR   | 62                                   | 66   | 72   | -    | 66   | 70   | 76   | -    | 68   | 72   | 79   | -    | 72   | 76   | 83   | -    | 75    | 80   | 87   | -    | 78    | 83   | 90   | -    |   |
| 1800 | MBh     | 44.6                                 | 46.2 | 50.6 | -    | 43.5 | 45.1 | 49.5 | -    | 42.5 | 44.1 | 48.3 | -    | 41.5 | 43.0 | 47.1 | -    | 39.4  | 40.8 | 44.7 | -    | 36.5  | 37.8 | 41.4 | -    |   |
|      | S/T     | 0.75                                 | 0.63 | 0.44 | -    | 0.78 | 0.65 | 0.45 | -    | 0.80 | 0.67 | 0.46 | -    | 0.83 | 0.69 | 0.48 | -    | 0.86  | 0.72 | 0.50 | -    | 0.86  | 0.72 | 0.50 | -    |   |
|      | ΔT      | 17                                   | 15   | 11   | -    | 17   | 15   | 11   | -    | 17   | 15   | 11   | -    | 18   | 15   | 12   | -    | 17    | 15   | 11   | -    | 16    | 14   | 11   | -    |   |
|      | kW      | 3.03                                 | 3.11 | 3.22 | -    | 3.30 | 3.39 | 3.51 | -    | 3.54 | 3.63 | 3.76 | -    | 3.75 | 3.85 | 3.99 | -    | 3.93  | 4.03 | 4.18 | -    | 4.09  | 4.19 | 4.34 | -    |   |
|      | Amps    | 8.0                                  | 8.2  | 8.5  | -    | 8.7  | 8.9  | 9.2  | -    | 9.4  | 9.6  | 9.9  | -    | 10.0 | 10.3 | 10.6 | -    | 10.7  | 10.9 | 11.3 | -    | 11.3  | 11.6 | 11.9 | -    |   |
|      | Hi PR   | 144                                  | 155  | 163  | -    | 161  | 174  | 183  | -    | 184  | 197  | 209  | -    | 209  | 225  | 238  | -    | 235   | 253  | 267  | -    | 260   | 280  | 295  | -    |   |
|      | Lo PR   | 63                                   | 67   | 73   | -    | 66   | 70   | 77   | -    | 69   | 73   | 80   | -    | 72   | 77   | 84   | -    | 76    | 81   | 88   | -    | 78    | 83   | 91   | -    |   |

|      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1400 | MBh   | 43.4 | 44.6 | 48.3 | 51.9 | 42.4 | 43.6 | 47.2 | 50.7 | 41.3 | 42.6 | 46.1 | 49.5 | 40.3 | 41.5 | 45.0 | 48.2 | 38.3 | 39.5 | 42.7 | 45.8 | 35.5 | 36.5 | 39.6 | 42.5 |
|      | S/T   | 0.79 | 0.70 | 0.53 | 0.34 | 0.82 | 0.73 | 0.55 | 0.36 | 0.84 | 0.75 | 0.57 | 0.36 | 0.86 | 0.77 | 0.58 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.90 | 0.81 | 0.61 | 0.39 |
|      | 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    | 2.99 | 3.06 | 3.17 | 3.29 | 3.25 | 3.33 | 3.45 | 3.58 | 3.49 | 3.57 | 3.70 | 3.84 | 3.69 | 3.79 | 3.93 | 4.07 | 3.87 | 3.97 | 4.11 | 4.27 | 4.02 | 4.12 | 4.27 | 4.44 |
|      | Amps  | 7.9  | 8.1  | 8.4  | 8.7  | 8.5  | 8.7  | 9.0  | 9.3  | 9.3  | 9.5  | 9.8  | 10.1 | 9.9  | 10.1 | 10.4 | 10.8 | 10.5 | 10.7 | 11.1 | 11.5 | 11.1 | 11.4 | 11.8 | 12.2 |
|      | Hi PR | 141  | 152  | 161  | 168  | 159  | 171  | 180  | 188  | 180  | 194  | 205  | 214  | 205  | 221  | 234  | 244  | 231  | 249  | 263  | 274  | 255  | 275  | 290  | 303  |
|      | Lo PR | 62   | 66   | 72   | 76   | 65   | 69   | 76   | 81   | 68   | 72   | 79   | 84   | 71   | 76   | 83   | 88   | 74   | 79   | 86   | 92   | 77   | 82   | 89   | 95   |
|      | MBh   | 44.0 | 45.3 | 49.1 | 52.7 | 43.0 | 44.3 | 47.9 | 51.4 | 42.0 | 43.2 | 46.8 | 50.2 | 41.0 | 42.2 | 45.6 | 49.0 | 38.9 | 40.1 | 43.4 | 46.5 | 36.0 | 37.1 | 40.2 | 43.1 |
|      | S/T   | 0.82 | 0.73 | 0.55 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.40 | 0.94 | 0.84 | 0.63 | 0.41 |
|      | ΔT    | 21   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 20   | 18   | 15   | 10   |
|      | kW    | 3.04 | 3.11 | 3.22 | 3.34 | 3.30 | 3.39 | 3.51 | 3.64 | 3.54 | 3.63 | 3.76 | 3.91 | 3.75 | 3.85 | 3.99 | 4.14 | 3.93 | 4.03 | 4.18 | 4.34 | 4.09 | 4.19 | 4.34 | 4.51 |
| 1550 | Amps  | 8.0  | 8.2  | 8.5  | 8.8  | 8.7  | 8.9  | 9.2  | 9.5  | 9.4  | 9.6  | 9.9  | 10.3 | 10.0 | 10.3 | 10.6 | 11.0 | 10.7 | 10.9 | 11.3 | 11.7 | 11.3 | 11.6 | 11.9 | 12.4 |
|      | Hi PR | 144  | 155  | 163  | 170  | 161  | 174  | 183  | 191  | 184  | 198  | 209  | 218  | 209  | 225  | 238  | 248  | 235  | 253  | 267  | 279  | 260  | 280  | 295  | 308  |
|      | Lo PR | 63   | 67   | 73   | 78   | 66   | 70   | 77   | 82   | 69   | 73   | 80   | 85   | 72   | 77   | 84   | 89   | 76   | 81   | 88   | 94   | 78   | 83   | 91   | 97   |
|      | MBh   | 45.3 | 46.7 | 50.5 | 54.2 | 44.3 | 45.6 | 49.4 | 53.0 | 43.2 | 44.5 | 48.2 | 51.7 | 42.2 | 43.4 | 47.0 | 50.4 | 40.1 | 41.3 | 44.7 | 47.9 | 37.1 | 38.2 | 41.4 | 44.4 |
|      | S/T   | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.79 | 0.60 | 0.39 | 0.91 | 0.81 | 0.62 | 0.40 | 0.94 | 0.84 | 0.64 | 0.41 | 0.97 | 0.87 | 0.66 | 0.42 | 0.98 | 0.88 | 0.67 | 0.43 |
|      | ΔT    | 20   | 18   | 15   | 10   | 20   | 18   | 15   | 10   | 20   | 19   | 15   | 10   | 20   | 19   | 15   | 11   | 20   | 18   | 15   | 10   | 19   | 17   | 14   | 10   |
|      | kW    | 3.06 | 3.14 | 3.25 | 3.37 | 3.34 | 3.42 | 3.54 | 3.67 | 3.58 | 3.66 | 3.80 | 3.94 | 3.79 | 3.88 | 4.03 | 4.18 | 3.97 | 4.07 | 4.22 | 4.38 | 4.12 | 4.23 | 4.38 | 4.55 |
|      | Amps  | 8.1  | 8.3  | 8.6  | 8.9  | 8.7  | 8.9  | 9.2  | 9.6  | 9.5  | 9.7  | 10.0 | 10.4 | 10.1 | 10.4 | 10.7 | 11.1 | 10.8 | 11.0 | 11.4 | 11.8 | 11.4 | 11.7 | 12.0 | 12.5 |
|      | Hi PR | 145  | 156  | 165  | 172  | 163  | 175  | 185  | 193  | 185  | 199  | 211  | 220  | 211  | 227  | 240  | 250  | 238  | 256  | 270  | 282  | 262  | 282  | 298  | 311  |
|      | Lo PR | 63   | 67   | 74   | 78   | 67   | 71   | 78   | 83   | 70   | 74   | 81   | 86   | 73   | 78   | 85   | 90   | 77   | 81   | 89   | 95   | 79   | 84   | 92   | 98   |

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

# EXPANDED COOLING DATA — GSC130483B\* / CA\*F4860\*6B\* (CONT.)

|      |         | Outdoor Ambient Temperature          |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |       |  |  |  |  |  |
|------|---------|--------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|-------|--|--|--|--|--|
|      |         | 65°F                                 |       |      |      |      |      | 75°F |      |      |      |      |      | 85°F |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |      |      |      |      | 115°F |  |  |  |  |  |
|      |         | Entering Indoor Wet Bulb Temperature |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |       |  |  |  |  |  |
| IDB  | Airflow | 59                                   | 63    | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   |      |      |       |  |  |  |  |  |
| 80   |         | MBh                                  | 44.1  | 45.1 | 48.2 | 51.5 | 43.1 | 44.0 | 47.1 | 50.3 | 42.1 | 43.0 | 45.9 | 49.1 | 41.1 | 41.9 | 44.8 | 47.9 | 39.0 | 39.9 | 42.6 | 45.5 | 36.1 | 36.9 | 39.4 | 42.2  | 36.1 | 36.9 | 39.4 | 42.2 |      |       |  |  |  |  |  |
|      |         | S/T                                  | 0.86  | 0.81 | 0.66 | 0.49 | 0.90 | 0.84 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.72 | 0.54 | 0.98 | 0.92 | 0.75 | 0.56 | 0.99 | 0.93 | 0.76 | 0.57  | 0.99 | 0.93 | 0.76 | 0.57 |      |       |  |  |  |  |  |
|      |         | ΔT                                   | 25    | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 24   | 23   | 20   | 16    | 24   | 23   | 20   | 16   |      |       |  |  |  |  |  |
|      | 1400    | kW                                   | 3.02  | 3.09 | 3.20 | 3.32 | 3.28 | 3.36 | 3.49 | 3.62 | 3.52 | 3.61 | 3.74 | 3.88 | 3.73 | 3.82 | 3.96 | 4.11 | 3.91 | 4.00 | 4.15 | 4.31 | 4.06 | 4.16 | 4.32 | 4.48  | 4.06 | 4.16 | 4.32 | 4.48 |      |       |  |  |  |  |  |
|      |         | Amps                                 | 8.0   | 8.2  | 8.4  | 8.7  | 8.6  | 8.8  | 9.1  | 9.4  | 9.3  | 9.6  | 9.9  | 10.2 | 10.0 | 10.2 | 10.5 | 10.9 | 10.6 | 10.8 | 11.2 | 11.6 | 11.2 | 11.5 | 11.9 | 12.3  | 11.2 | 11.5 | 11.9 | 12.3 |      |       |  |  |  |  |  |
|      |         | Hi PR                                | 143   | 154  | 162  | 169  | 160  | 172  | 182  | 190  | 182  | 196  | 207  | 216  | 208  | 223  | 236  | 246  | 234  | 251  | 265  | 277  | 258  | 278  | 293  | 306   | 258  | 278  | 293  | 306  |      |       |  |  |  |  |  |
|      |         | Lo PR                                | 62    | 66   | 72   | 77   | 66   | 70   | 76   | 81   | 68   | 73   | 79   | 85   | 72   | 76   | 83   | 89   | 75   | 80   | 87   | 93   | 78   | 83   | 90   | 96    | 78   | 83   | 90   | 96   |      |       |  |  |  |  |  |
|      |         | MBh                                  | 44.8  | 45.8 | 48.9 | 52.3 | 43.8 | 44.7 | 47.8 | 51.1 | 42.7 | 43.7 | 46.6 | 49.9 | 41.7 | 42.6 | 45.5 | 48.6 | 39.6 | 40.5 | 43.2 | 46.2 | 36.7 | 37.5 | 40.0 | 42.8  | 36.7 | 37.5 | 40.0 | 42.8 |      |       |  |  |  |  |  |
|      |         | S/T                                  | 0.90  | 0.84 | 0.68 | 0.51 | 0.93 | 0.87 | 0.71 | 0.53 | 0.95 | 0.89 | 0.73 | 0.54 | 0.98 | 0.92 | 0.75 | 0.56 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 0.96 | 0.78 | 0.59  | 1.00 | 0.96 | 0.78 | 0.59 |      |       |  |  |  |  |  |
|      |         | ΔT                                   | 24    | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 23   | 23   | 20   | 16   | 22   | 21   | 19   | 15    | 22   | 21   | 19   | 15   |      |       |  |  |  |  |  |
| 1550 |         | kW                                   | 3.06  | 3.14 | 3.25 | 3.37 | 3.34 | 3.42 | 3.54 | 3.67 | 3.58 | 3.67 | 3.80 | 3.94 | 3.79 | 3.88 | 4.03 | 4.18 | 3.97 | 4.07 | 4.22 | 4.38 | 4.12 | 4.23 | 4.39 | 4.55  | 4.12 | 4.23 | 4.39 | 4.55 |      |       |  |  |  |  |  |
|      |         | Amps                                 | 8.1   | 8.3  | 8.6  | 8.9  | 8.7  | 8.9  | 9.2  | 9.6  | 9.5  | 9.7  | 10.0 | 10.4 | 10.1 | 10.4 | 10.7 | 11.1 | 10.8 | 11.0 | 11.4 | 11.8 | 11.4 | 11.7 | 12.0 | 12.5  | 11.4 | 11.7 | 12.0 | 12.5 |      |       |  |  |  |  |  |
|      |         | Hi PR                                | 145   | 156  | 165  | 172  | 163  | 175  | 185  | 193  | 185  | 200  | 211  | 220  | 211  | 227  | 240  | 250  | 238  | 256  | 270  | 282  | 262  | 282  | 298  | 311   | 262  | 282  | 298  | 311  |      |       |  |  |  |  |  |
|      |         | Lo PR                                | 63    | 67   | 74   | 78   | 67   | 71   | 78   | 83   | 70   | 74   | 81   | 86   | 73   | 78   | 85   | 90   | 77   | 81   | 89   | 95   | 79   | 84   | 92   | 98    | 79   | 84   | 92   | 98   |      |       |  |  |  |  |  |
|      |         | MBh                                  | 46.1  | 47.2 | 50.4 | 53.9 | 45.1 | 46.1 | 49.2 | 52.6 | 44.0 | 45.0 | 48.0 | 51.4 | 42.9 | 43.9 | 46.9 | 50.1 | 40.8 | 41.7 | 44.5 | 47.6 | 37.8 | 38.6 | 41.2 | 44.1  | 37.8 | 38.6 | 41.2 | 44.1 |      |       |  |  |  |  |  |
|      |         | S/T                                  | 0.94  | 0.88 | 0.72 | 0.54 | 1.00 | 0.91 | 0.74 | 0.56 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.97 | 0.79 | 0.59 | 1.00 | 1.00 | 0.82 | 0.61 | 1.00 | 1.00 | 0.82 | 0.62  | 1.00 | 1.00 | 0.82 | 0.62 |      |       |  |  |  |  |  |
|      |         | ΔT                                   | 22    | 21   | 18   | 15   | 23   | 21   | 19   | 15   | 22   | 21   | 19   | 15   | 22   | 22   | 19   | 15   | 21   | 21   | 19   | 15   | 19   | 20   | 17   | 14    | 19   | 20   | 17   | 14   |      |       |  |  |  |  |  |
|      | 1800    |                                      | kW    | 3.09 | 3.17 | 3.28 | 3.40 | 3.37 | 3.45 | 3.58 | 3.71 | 3.61 | 3.70 | 3.84 | 3.98 | 3.82 | 3.92 | 4.06 | 4.22 | 4.01 | 4.11 | 4.26 | 4.42 | 4.16 | 4.27 | 4.43  | 4.59 | 4.16 | 4.27 | 4.43 | 4.59 |       |  |  |  |  |  |
|      |         |                                      | Amps  | 8.2  | 8.4  | 8.6  | 8.9  | 8.8  | 9.0  | 9.3  | 9.7  | 9.6  | 9.8  | 10.1 | 10.5 | 10.2 | 10.5 | 10.8 | 11.2 | 10.9 | 11.1 | 11.5 | 11.9 | 11.5 | 11.8 | 12.2  | 12.6 | 11.5 | 11.8 | 12.2 | 12.6 |       |  |  |  |  |  |
|      |         |                                      | Hi PR | 147  | 158  | 167  | 174  | 165  | 177  | 187  | 195  | 187  | 202  | 213  | 222  | 213  | 230  | 242  | 253  | 240  | 258  | 273  | 284  | 265  | 285  | 301   | 314  | 265  | 285  | 301  | 314  |       |  |  |  |  |  |
|      |         | Lo PR                                | 64    | 68   | 74   | 79   | 68   | 72   | 78   | 84   | 70   | 75   | 82   | 87   | 74   | 78   | 86   | 91   | 77   | 82   | 90   | 96   | 80   | 85   | 93   | 99    | 80   | 85   | 93   | 99   |      |       |  |  |  |  |  |

| 85    | 1400  | MBh   | 44.9 | 45.8 | 47.9 | 51.1 | 43.9 | 44.7 | 46.8 | 50.0 | 42.8 | 43.6 | 45.7 | 48.8 | 41.8 | 42.6 | 44.6 | 47.6 | 39.7 | 40.4 | 42.4 | 45.2 | 36.8 | 37.5 | 39.2 | 41.9 |      |
|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       |       | S/T   | 0.91 | 0.87 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.96 | 0.87 | 0.70 | 1.00 | 0.99 | 0.90 | 0.73 | 1.00 | 1.00 | 0.91 | 0.73 |      |
|       |       | ΔT    | 27   | 26   | 25   | 21   | 27   | 27   | 25   | 22   | 27   | 27   | 25   | 22   | 27   | 27   | 25   | 22   | 26   | 26   | 25   | 22   | 24   | 25   | 23   | 20   |      |
|       |       | kW    | 3.04 | 3.12 | 3.23 | 3.35 | 3.31 | 3.40 | 3.52 | 3.65 | 3.55 | 3.64 | 3.77 | 3.92 | 3.76 | 3.86 | 4.00 | 4.15 | 3.94 | 4.04 | 4.19 | 4.35 | 4.10 | 4.20 | 4.36 | 4.52 |      |
|       |       | Amps  | 8.1  | 8.2  | 8.5  | 8.8  | 8.7  | 8.9  | 9.2  | 9.5  | 9.4  | 9.6  | 10.0 | 10.3 | 10.1 | 10.3 | 10.6 | 11.0 | 10.7 | 10.9 | 11.3 | 11.7 | 11.3 | 11.6 | 12.0 | 12.4 |      |
|       |       | Hi PR | 144  | 155  | 164  | 171  | 162  | 174  | 184  | 192  | 184  | 198  | 209  | 218  | 210  | 226  | 238  | 248  | 236  | 254  | 268  | 280  | 261  | 280  | 296  | 309  |      |
|       |       | Lo PR | 63   | 67   | 73   | 78   | 66   | 71   | 77   | 82   | 69   | 73   | 80   | 85   | 72   | 77   | 84   | 90   | 76   | 81   | 88   | 94   | 79   | 84   | 91   | 97   |      |
|       |       | 1550  | MBh  | 45.6 | 46.5 | 48.7 | 51.9 | 44.5 | 45.4 | 47.5 | 50.7 | 43.5 | 44.3 | 46.4 | 49.5 | 42.4 | 43.2 | 45.3 | 48.3 | 40.3 | 41.1 | 43.0 | 45.9 | 37.3 | 38.0 | 39.8 | 42.5 |
|       |       |       | S/T  | 0.94 | 0.91 | 0.82 | 0.66 | 0.97 | 0.94 | 0.85 | 0.69 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 0.99 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.76 | 1.00 | 1.00 | 0.94 | 0.76 |
|       |       |       | ΔT   | 25   | 25   | 24   | 20   | 26   | 25   | 24   | 21   | 26   | 25   | 24   | 21   | 25   | 25   | 24   | 21   | 24   | 24   | 24   | 21   | 22   | 23   | 22   | 19   |
| kW    | 3.09  |       | 3.17 | 3.28 | 3.40 | 3.37 | 3.45 | 3.58 | 3.71 | 3.61 | 3.70 | 3.84 | 3.98 | 3.82 | 3.92 | 4.06 | 4.22 | 4.01 | 4.11 | 4.26 | 4.42 | 4.16 | 4.27 | 4.43 | 4.59 |      |      |
| Amps  | 8.2   |       | 8.4  | 8.6  | 8.9  | 8.8  | 9.0  | 9.3  | 9.7  | 9.6  | 9.8  | 10.1 | 10.5 | 10.2 | 10.5 | 10.8 | 11.2 | 10.9 | 11.1 | 11.5 | 11.9 | 11.5 | 11.8 | 12.2 | 12.6 |      |      |
| Hi PR | 147   |       | 158  | 167  | 174  | 165  | 177  | 187  | 195  | 187  | 202  | 213  | 222  | 213  | 230  | 242  | 253  | 240  | 258  | 273  | 284  | 265  | 285  | 301  | 314  |      |      |
| Lo PR | 64    |       | 68   | 74   | 79   | 68   | 72   | 78   | 84   | 70   | 75   | 82   | 87   | 74   | 78   | 86   | 91   | 77   | 82   | 90   | 96   | 80   | 85   | 93   | 99   |      |      |
| 1800  | MBh   |       | 47.0 | 47.9 | 50.1 | 53.5 | 45.9 | 46.7 | 49.0 | 52.2 | 44.8 | 45.6 | 47.8 | 51.0 | 43.7 | 44.5 | 46.6 | 49.7 | 41.5 | 42.3 | 44.3 | 47.3 | 38.4 | 39.2 | 41.0 | 43.8 |      |
|       | S/T   |       | 0.98 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.98 | 0.79 | 1.00 | 1.00 | 0.98 | 0.80 |      |
|       | ΔT    |       | 24   | 23   | 22   | 19   | 23   | 24   | 22   | 19   | 23   | 23   | 22   | 19   | 22   | 23   | 22   | 19   | 21   | 22   | 22   | 19   | 20   | 20   | 21   | 18   |      |
|       | kW    | 3.12  | 3.20 | 3.31 | 3.44 | 3.40 | 3.48 | 3.61 | 3.74 | 3.64 | 3.73 | 3.87 | 4.02 | 3.86 | 3.96 | 4.10 | 4.26 | 4.04 | 4.15 | 4.30 | 4.46 | 4.20 | 4.31 | 4.47 | 4.64 |      |      |
|       | Amps  | 8.2   | 8.4  | 8.7  | 9.0  | 8.9  | 9.1  | 9.4  | 9.7  | 9.7  | 9.9  | 10.2 | 10.6 | 10.3 | 10.5 | 10.9 | 11.3 | 11.0 | 11.2 | 11.6 | 12.0 | 11.6 | 11.9 | 12.3 | 12.7 |      |      |
|       | Hi PR | 148   | 159  | 168  | 176  | 166  | 179  | 189  | 197  | 189  | 204  | 215  | 224  | 215  | 232  | 245  | 255  | 242  | 261  | 275  | 287  | 268  | 288  | 304  | 317  |      |      |
|       | Lo PR | 65    | 69   | 75   | 80   | 68   | 73   | 79   | 84   | 71   | 75   | 82   | 88   | 74   | 79   | 87   | 92   | 78   | 83   | 91   | 97   | 81   | 86   | 94   | 100  |      |      |

# EXPANDED COOLING DATA — GSC130484A\* & CA\*F061\*2\* / CA\*F4860\*6A\*

|      |         | Outdoor Ambient Temperature |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |       |      |      |    |
|------|---------|-----------------------------|------|------|----|------|------|------|----|------|------|------|----|------|------|------|----|-------|------|------|----|-------|------|------|----|
|      |         | 65°F                        |      |      |    | 75°F |      |      |    | 85°F |      |      |    | 95°F |      |      |    | 105°F |      |      |    | 115°F |      |      |    |
| IDB  | Airflow | 59                          | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59    | 63   | 67   | 71 | 59    | 63   | 67   | 71 |
| 1688 | MBh     | 44.6                        | 46.2 | 50.6 | -  | 43.5 | 45.1 | 49.5 | -  | 42.5 | 44.1 | 48.3 | -  | 41.5 | 43.0 | 47.1 | -  | 39.4  | 40.8 | 44.7 | -  | 36.5  | 37.8 | 41.4 | -  |
|      | S/T     | 0.75                        | 0.62 | 0.43 | -  | 0.77 | 0.65 | 0.45 | -  | 0.79 | 0.66 | 0.46 | -  | 0.82 | 0.68 | 0.47 | -  | 0.85  | 0.71 | 0.49 | -  | 0.86  | 0.72 | 0.50 | -  |
|      | ΔT      | 18                          | 16   | 12   | -  | 18   | 16   | 12   | -  | 18   | 16   | 12   | -  | 18   | 16   | 12   | -  | 18    | 16   | 12   | -  | 17    | 15   | 11   | -  |
|      | kW      | 2.98                        | 3.05 | 3.16 | -  | 3.24 | 3.32 | 3.44 | -  | 3.47 | 3.56 | 3.69 | -  | 3.68 | 3.77 | 3.90 | -  | 3.85  | 3.94 | 4.09 | -  | 4.00  | 4.10 | 4.25 | -  |
|      | Amps    | 3.9                         | 4.0  | 4.1  | -  | 4.2  | 4.3  | 4.4  | -  | 4.5  | 4.7  | 4.8  | -  | 4.9  | 5.0  | 5.1  | -  | 5.2   | 5.3  | 5.5  | -  | 5.5   | 5.6  | 5.8  | -  |
| 1500 | Hi PR   | 154                         | 166  | 175  | -  | 173  | 186  | 197  | -  | 197  | 212  | 224  | -  | 224  | 241  | 255  | -  | 252   | 271  | 286  | -  | 278   | 300  | 316  | -  |
|      | Lo PR   | 62                          | 66   | 72   | -  | 66   | 70   | 76   | -  | 68   | 73   | 79   | -  | 72   | 76   | 83   | -  | 75    | 80   | 87   | -  | 78    | 83   | 90   | -  |
|      | MBh     | 43.3                        | 44.9 | 49.2 | -  | 42.3 | 43.8 | 48.0 | -  | 41.3 | 42.8 | 46.9 | -  | 40.3 | 41.7 | 45.7 | -  | 38.3  | 39.6 | 43.4 | -  | 35.4  | 36.7 | 40.2 | -  |
|      | S/T     | 0.71                        | 0.59 | 0.41 | -  | 0.74 | 0.62 | 0.43 | -  | 0.76 | 0.63 | 0.44 | -  | 0.78 | 0.65 | 0.45 | -  | 0.81  | 0.68 | 0.47 | -  | 0.82  | 0.68 | 0.47 | -  |
|      | ΔT      | 19                          | 16   | 12   | -  | 19   | 17   | 13   | -  | 19   | 17   | 13   | -  | 19   | 17   | 13   | -  | 19    | 16   | 12   | -  | 18    | 15   | 12   | -  |
| 1313 | kW      | 2.95                        | 3.02 | 3.13 | -  | 3.21 | 3.29 | 3.41 | -  | 3.44 | 3.52 | 3.65 | -  | 3.64 | 3.73 | 3.87 | -  | 3.81  | 3.91 | 4.05 | -  | 3.96  | 4.06 | 4.21 | -  |
|      | Amps    | 3.8                         | 3.9  | 4.1  | -  | 4.1  | 4.2  | 4.4  | -  | 4.5  | 4.6  | 4.8  | -  | 4.8  | 4.9  | 5.1  | -  | 5.1   | 5.2  | 5.4  | -  | 5.4   | 5.6  | 5.7  | -  |
|      | Hi PR   | 153                         | 164  | 173  | -  | 171  | 184  | 195  | -  | 195  | 210  | 221  | -  | 222  | 239  | 252  | -  | 250   | 269  | 284  | -  | 276   | 297  | 313  | -  |
|      | Lo PR   | 62                          | 66   | 72   | -  | 65   | 69   | 76   | -  | 68   | 72   | 79   | -  | 71   | 76   | 82   | -  | 74    | 79   | 86   | -  | 77    | 82   | 89   | -  |
|      | MBh     | 40.0                        | 41.4 | 45.4 | -  | 39.0 | 40.4 | 44.3 | -  | 38.1 | 39.5 | 43.3 | -  | 37.2 | 38.5 | 42.2 | -  | 35.3  | 36.6 | 40.1 | -  | 32.7  | 33.9 | 37.1 | -  |
| 1313 | S/T     | 0.69                        | 0.57 | 0.40 | -  | 0.71 | 0.59 | 0.41 | -  | 0.73 | 0.61 | 0.42 | -  | 0.75 | 0.63 | 0.44 | -  | 0.78  | 0.65 | 0.45 | -  | 0.79  | 0.66 | 0.46 | -  |
|      | ΔT      | 19                          | 17   | 13   | -  | 19   | 17   | 13   | -  | 19   | 17   | 13   | -  | 20   | 17   | 13   | -  | 19    | 17   | 13   | -  | 18    | 16   | 12   | -  |
|      | kW      | 2.87                        | 2.94 | 3.04 | -  | 3.12 | 3.20 | 3.31 | -  | 3.34 | 3.43 | 3.55 | -  | 3.54 | 3.63 | 3.76 | -  | 3.71  | 3.80 | 3.94 | -  | 3.85  | 3.95 | 4.09 | -  |
|      | Amps    | 3.7                         | 3.8  | 4.0  | -  | 4.0  | 4.1  | 4.3  | -  | 4.4  | 4.5  | 4.6  | -  | 4.7  | 4.8  | 4.9  | -  | 5.0   | 5.1  | 5.3  | -  | 5.3   | 5.4  | 5.6  | -  |
|      | Hi PR   | 148                         | 159  | 168  | -  | 166  | 179  | 189  | -  | 189  | 203  | 215  | -  | 215  | 232  | 244  | -  | 242   | 260  | 275  | -  | 267   | 288  | 304  | -  |
|      | Lo PR   | 60                          | 64   | 69   | -  | 63   | 67   | 73   | -  | 66   | 70   | 76   | -  | 69   | 73   | 80   | -  | 72    | 77   | 84   | -  | 75    | 79   | 87   | -  |

|      |         | Outdoor Ambient Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |
|------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|
|      |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F |      |      |      | 105°F |      |      |      | 115°F |      |      |      |
| IDB  | Airflow | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |
| 1688 | MBh     | 45.3                        | 46.7 | 50.5 | 54.2 | 44.3 | 45.6 | 49.4 | 53.0 | 43.2 | 44.5 | 48.2 | 51.7 | 42.2 | 43.4 | 47.0 | 50.4 | 40.1  | 41.3 | 44.7 | 47.9 | 37.1  | 38.2 | 41.4 | 44.4 |
|      | S/T     | 0.85                        | 0.76 | 0.57 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.41 | 0.97  | 0.86 | 0.65 | 0.42 | 0.97  | 0.87 | 0.66 | 0.42 |
|      | ΔT      | 21                          | 19   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 21    | 19   | 16   | 11   | 20    | 18   | 15   | 10   |
|      | kW      | 3.00                        | 3.08 | 3.19 | 3.31 | 3.27 | 3.35 | 3.47 | 3.60 | 3.50 | 3.59 | 3.72 | 3.86 | 3.71 | 3.80 | 3.94 | 4.09 | 3.89  | 3.98 | 4.13 | 4.28 | 4.04  | 4.14 | 4.29 | 4.45 |
|      | Amps    | 3.9                         | 4.0  | 4.1  | 4.3  | 4.2  | 4.3  | 4.5  | 4.6  | 4.6  | 4.7  | 4.9  | 5.0  | 4.9  | 5.0  | 5.2  | 5.4  | 5.2   | 5.3  | 5.5  | 5.7  | 5.5   | 5.7  | 5.8  | 6.1  |
| 1500 | Hi PR   | 156                         | 168  | 177  | 185  | 175  | 188  | 199  | 207  | 199  | 214  | 226  | 235  | 226  | 244  | 257  | 268  | 255   | 274  | 289  | 302  | 281   | 303  | 320  | 333  |
|      | Lo PR   | 63                          | 67   | 73   | 78   | 66   | 71   | 77   | 82   | 69   | 73   | 80   | 85   | 72   | 77   | 84   | 90   | 76    | 81   | 88   | 94   | 79    | 84   | 91   | 97   |
|      | MBh     | 44.0                        | 45.3 | 49.1 | 52.7 | 43.0 | 44.3 | 47.9 | 51.4 | 42.0 | 43.2 | 46.8 | 50.2 | 41.0 | 42.2 | 45.6 | 49.0 | 38.9  | 40.1 | 43.4 | 46.5 | 36.0  | 37.1 | 40.2 | 43.1 |
|      | S/T     | 0.81                        | 0.72 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.37 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.79 | 0.60 | 0.39 | 0.92  | 0.82 | 0.62 | 0.40 | 0.93  | 0.83 | 0.63 | 0.40 |
|      | ΔT      | 22                          | 20   | 16   | 11   | 22   | 20   | 17   | 12   | 22   | 20   | 17   | 12   | 22   | 21   | 17   | 12   | 22    | 20   | 17   | 11   | 21    | 19   | 15   | 11   |
| 1313 | kW      | 2.98                        | 3.05 | 3.16 | 3.28 | 3.24 | 3.32 | 3.44 | 3.57 | 3.47 | 3.56 | 3.69 | 3.82 | 3.68 | 3.77 | 3.90 | 4.05 | 3.85  | 3.95 | 4.09 | 4.24 | 4.00  | 4.10 | 4.25 | 4.41 |
|      | Amps    | 3.9                         | 4.0  | 4.1  | 4.2  | 4.2  | 4.3  | 4.4  | 4.6  | 4.5  | 4.7  | 4.8  | 5.0  | 4.9  | 5.0  | 5.1  | 5.3  | 5.2   | 5.3  | 5.5  | 5.7  | 5.5   | 5.6  | 5.8  | 6.0  |
|      | Hi PR   | 154                         | 166  | 175  | 183  | 173  | 186  | 197  | 205  | 197  | 212  | 224  | 233  | 224  | 241  | 255  | 266  | 252   | 271  | 286  | 299  | 279   | 300  | 316  | 330  |
|      | Lo PR   | 62                          | 66   | 72   | 77   | 66   | 70   | 76   | 81   | 68   | 73   | 79   | 84   | 72   | 76   | 83   | 89   | 75    | 80   | 87   | 93   | 78    | 83   | 90   | 96   |
|      | MBh     | 40.6                        | 41.8 | 45.3 | 48.6 | 39.7 | 40.9 | 44.2 | 47.5 | 38.7 | 39.9 | 43.2 | 46.3 | 37.8 | 38.9 | 42.1 | 45.2 | 35.9  | 37.0 | 40.0 | 42.9 | 33.3  | 34.2 | 37.1 | 39.8 |
| 1313 | S/T     | 0.78                        | 0.70 | 0.53 | 0.34 | 0.81 | 0.72 | 0.55 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89  | 0.79 | 0.60 | 0.39 | 0.90  | 0.80 | 0.61 | 0.39 |
|      | ΔT      | 22                          | 20   | 17   | 12   | 22   | 21   | 17   | 12   | 22   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 22    | 21   | 17   | 12   | 21    | 19   | 16   | 11   |
|      | kW      | 2.90                        | 2.97 | 3.07 | 3.19 | 3.15 | 3.23 | 3.34 | 3.47 | 3.38 | 3.46 | 3.58 | 3.72 | 3.57 | 3.66 | 3.80 | 3.94 | 3.74  | 3.83 | 3.98 | 4.12 | 3.89  | 3.98 | 4.13 | 4.29 |
|      | Amps    | 3.8                         | 3.9  | 4.0  | 4.1  | 4.1  | 4.2  | 4.3  | 4.5  | 4.4  | 4.5  | 4.7  | 4.8  | 4.7  | 4.8  | 5.0  | 5.2  | 5.0   | 5.1  | 5.3  | 5.5  | 5.3   | 5.4  | 5.6  | 5.8  |
|      | Hi PR   | 150                         | 161  | 170  | 177  | 168  | 181  | 191  | 199  | 191  | 205  | 217  | 226  | 217  | 234  | 247  | 258  | 245   | 263  | 278  | 290  | 270   | 291  | 307  | 320  |
|      | Lo PR   | 60                          | 64   | 70   | 75   | 64   | 68   | 74   | 79   | 66   | 70   | 77   | 82   | 70   | 74   | 81   | 86   | 73    | 78   | 85   | 90   | 75    | 80   | 88   | 93   |

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

Shaded area reflects ACCA (TVA) conditions

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

# EXPANDED COOLING DATA — GSC130484A\* & CA\*F061\*2\* / CA\*F4860\*6A\* (CONT.)

|       |         | Outdoor Ambient Temperature          |      |      |      |      |      |      |      |      |      |      |      | 115°F |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |       |      |  |  |  |  |
|-------|---------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|-------|------|--|--|--|--|
|       |         | 65°F                                 |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F  |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |      |      |      |      | 115°F |      |  |  |  |  |
|       |         | Entering Indoor Wet Bulb Temperature |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |       |      |  |  |  |  |
| IDB   | Airflow | 59                                   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59   | 63   | 67    | 71   |  |  |  |  |
| 80    | MBh     | 46.1                                 | 47.2 | 50.4 | 53.9 | 45.1 | 46.1 | 49.2 | 52.6 | 44.0 | 45.0 | 48.0 | 51.4 | 42.9  | 43.9 | 46.9 | 50.1 | 40.8 | 41.7 | 44.5 | 47.6 | 37.8 | 38.6 | 41.2 | 44.1 | 37.8  | 38.6 | 41.2 | 44.1 | 37.8 | 38.6 | 41.2  | 44.1 |  |  |  |  |
|       | S/T     | 0.93                                 | 0.87 | 0.71 | 0.53 | 0.96 | 0.90 | 0.74 | 0.55 | 1.00 | 0.93 | 0.75 | 0.56 | 1.00  | 0.96 | 0.78 | 0.58 | 1.00 | 1.00 | 0.81 | 0.60 | 1.00 | 1.00 | 0.82 | 0.61 | 1.00  | 1.00 | 0.82 | 0.61 | 1.00 | 1.00 | 0.82  | 0.61 |  |  |  |  |
|       | ΔT      | 23                                   | 22   | 19   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 23    | 23   | 20   | 16   | 22   | 23   | 20   | 16   | 21   | 21   | 18   | 15   | 21    | 21   | 18   | 15   | 21   | 21   | 18    | 15   |  |  |  |  |
|       | kW      | 3.03                                 | 3.11 | 3.22 | 3.34 | 3.30 | 3.38 | 3.50 | 3.63 | 3.54 | 3.62 | 3.76 | 3.90 | 3.74  | 3.84 | 3.98 | 4.13 | 3.92 | 4.02 | 4.17 | 4.32 | 4.07 | 4.18 | 4.33 | 4.49 | 4.07  | 4.18 | 4.33 | 4.49 | 4.07 | 4.18 | 4.33  | 4.49 |  |  |  |  |
|       | Amps    | 3.9                                  | 4.0  | 4.2  | 4.3  | 4.3  | 4.4  | 4.5  | 4.7  | 4.6  | 4.7  | 4.9  | 5.1  | 4.9   | 5.1  | 5.2  | 5.4  | 5.3  | 5.4  | 5.6  | 5.8  | 5.6  | 5.7  | 5.9  | 6.1  | 5.6   | 5.7  | 5.9  | 6.1  | 5.6  | 5.7  | 5.9   | 6.1  |  |  |  |  |
|       | Hi PR   | 157                                  | 169  | 179  | 186  | 176  | 190  | 201  | 209  | 201  | 216  | 228  | 238  | 229   | 246  | 260  | 271  | 257  | 277  | 292  | 305  | 284  | 306  | 323  | 337  | 284   | 306  | 323  | 337  | 284  | 306  | 323   | 337  |  |  |  |  |
|       | Lo PR   | 63                                   | 68   | 74   | 78   | 67   | 71   | 78   | 83   | 70   | 74   | 81   | 86   | 73    | 78   | 85   | 91   | 77   | 82   | 89   | 95   | 79   | 84   | 92   | 98   | 79    | 84   | 92   | 98   | 79   | 84   | 92    | 98   |  |  |  |  |
|       | MBh     | 44.8                                 | 45.8 | 48.9 | 52.3 | 43.8 | 44.7 | 47.8 | 51.1 | 42.7 | 43.7 | 46.6 | 49.9 | 41.7  | 42.6 | 45.5 | 48.6 | 39.6 | 40.5 | 43.2 | 46.2 | 36.7 | 37.5 | 40.0 | 42.8 | 36.7  | 37.5 | 40.0 | 42.8 | 36.7 | 37.5 | 40.0  | 42.8 |  |  |  |  |
|       | S/T     | 0.89                                 | 0.83 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97  | 0.91 | 0.74 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00  | 0.96 | 0.78 | 0.58 | 1.00 | 0.96 | 0.78  | 0.58 |  |  |  |  |
|       | ΔT      | 24                                   | 23   | 20   | 16   | 25   | 24   | 21   | 16   | 25   | 24   | 21   | 16   | 25    | 24   | 21   | 17   | 24   | 23   | 20   | 16   | 22   | 22   | 19   | 15   | 22    | 22   | 19   | 15   | 22   | 22   | 19    | 15   |  |  |  |  |
|       | kW      | 3.01                                 | 3.08 | 3.19 | 3.31 | 3.27 | 3.35 | 3.47 | 3.60 | 3.50 | 3.59 | 3.72 | 3.86 | 3.71  | 3.80 | 3.94 | 4.09 | 3.89 | 3.98 | 4.13 | 4.28 | 4.04 | 4.14 | 4.29 | 4.45 | 4.04  | 4.14 | 4.29 | 4.45 | 4.04 | 4.14 | 4.29  | 4.45 |  |  |  |  |
| Amps  | 3.9     | 4.0                                  | 4.1  | 4.3  | 4.2  | 4.3  | 4.5  | 4.6  | 4.6  | 4.7  | 4.9  | 5.0  | 4.9  | 5.0   | 5.2  | 5.4  | 5.2  | 5.3  | 5.5  | 5.7  | 5.5  | 5.7  | 5.8  | 6.1  | 5.5  | 5.7   | 5.8  | 6.1  | 5.5  | 5.7  | 5.8  | 6.1   |      |  |  |  |  |
| Hi PR | 156     | 168                                  | 177  | 185  | 175  | 188  | 199  | 207  | 199  | 214  | 226  | 236  | 226  | 244   | 257  | 268  | 255  | 274  | 289  | 302  | 281  | 303  | 320  | 333  | 281  | 303   | 320  | 333  | 281  | 303  | 320  | 333   |      |  |  |  |  |
| Lo PR | 63      | 67                                   | 73   | 78   | 66   | 71   | 77   | 82   | 69   | 73   | 80   | 85   | 72   | 77    | 84   | 90   | 76   | 81   | 88   | 94   | 79   | 84   | 91   | 97   | 79   | 84    | 91   | 97   | 79   | 84   | 91   | 97    |      |  |  |  |  |
| 1313  | MBh     | 41.4                                 | 42.3 | 45.1 | 48.3 | 40.4 | 41.3 | 44.1 | 47.1 | 39.4 | 40.3 | 43.0 | 46.0 | 38.5  | 39.3 | 42.0 | 44.9 | 36.5 | 37.3 | 39.9 | 42.6 | 33.9 | 34.6 | 37.0 | 39.5 | 33.9  | 34.6 | 37.0 | 39.5 | 33.9 | 34.6 | 37.0  | 39.5 |  |  |  |  |
|       | S/T     | 0.86                                 | 0.80 | 0.65 | 0.49 | 0.89 | 0.83 | 0.68 | 0.51 | 0.91 | 0.85 | 0.69 | 0.52 | 0.94  | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.56 | 0.98 | 0.92 | 0.75 | 0.56 | 0.98  | 0.92 | 0.75 | 0.56 | 0.98 | 0.92 | 0.75  | 0.56 |  |  |  |  |
|       | ΔT      | 25                                   | 24   | 21   | 16   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25    | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 23   | 22   | 19   | 16   | 23    | 22   | 19   | 16   | 23   | 22   | 19    | 16   |  |  |  |  |
|       | kW      | 2.92                                 | 2.99 | 3.10 | 3.21 | 3.18 | 3.26 | 3.38 | 3.50 | 3.41 | 3.49 | 3.62 | 3.75 | 3.61  | 3.70 | 3.83 | 3.97 | 3.78 | 3.87 | 4.01 | 4.16 | 3.92 | 4.02 | 4.17 | 4.33 | 3.92  | 4.02 | 4.17 | 4.33 | 3.92 | 4.02 | 4.17  | 4.33 |  |  |  |  |
|       | Amps    | 3.8                                  | 3.9  | 4.0  | 4.2  | 4.1  | 4.2  | 4.3  | 4.5  | 4.5  | 4.6  | 4.7  | 4.9  | 4.8   | 4.9  | 5.0  | 5.2  | 5.1  | 5.2  | 5.4  | 5.6  | 5.4  | 5.5  | 5.7  | 5.9  | 5.4   | 5.5  | 5.7  | 5.9  | 5.4  | 5.5  | 5.7   | 5.9  |  |  |  |  |
|       | Hi PR   | 151                                  | 163  | 172  | 179  | 169  | 182  | 193  | 201  | 193  | 207  | 219  | 228  | 220   | 236  | 249  | 260  | 247  | 266  | 281  | 293  | 273  | 294  | 310  | 323  | 273   | 294  | 310  | 323  | 273  | 294  | 310   | 323  |  |  |  |  |
|       | Lo PR   | 61                                   | 65   | 71   | 75   | 64   | 69   | 75   | 80   | 67   | 71   | 78   | 83   | 70    | 75   | 82   | 87   | 74   | 78   | 86   | 91   | 76   | 81   | 89   | 94   | 76    | 81   | 89   | 94   | 76   | 81   | 89    | 94   |  |  |  |  |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1688  | MBh   | 47.0 | 47.9 | 50.1 | 53.5 | 45.9 | 46.7 | 49.0 | 52.2 | 44.8 | 45.6 | 47.8 | 51.0 | 43.7 | 44.5 | 46.6 | 49.7 | 41.5 | 42.3 | 44.3 | 47.3 | 38.4 | 39.2 | 41.0 | 43.8 |
|       | S/T   | 0.98 | 0.94 | 0.85 | 0.69 | 1.00 | 0.98 | 0.88 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.76 | 1.00 | 1.00 | 0.97 | 0.78 | 1.00 | 1.00 | 0.97 | 0.79 |
|       | ΔT    | 25   | 25   | 23   | 20   | 25   | 25   | 23   | 20   | 24   | 25   | 24   | 20   | 24   | 24   | 24   | 20   | 23   | 23   | 23   | 20   | 21   | 21   | 22   | 19   |
|       | kW    | 3.06 | 3.13 | 3.25 | 3.37 | 3.33 | 3.41 | 3.54 | 3.67 | 3.57 | 3.66 | 3.79 | 3.93 | 3.78 | 3.87 | 4.02 | 4.17 | 3.96 | 4.06 | 4.21 | 4.36 | 4.11 | 4.22 | 4.37 | 4.54 |
|       | Amps  | 4.0  | 4.1  | 4.2  | 4.4  | 4.3  | 4.4  | 4.5  | 4.7  | 4.7  | 4.8  | 4.9  | 5.1  | 5.0  | 5.1  | 5.3  | 5.5  | 5.3  | 5.4  | 5.6  | 5.8  | 5.6  | 5.8  | 6.0  | 6.2  |
|       | Hi PR | 159  | 171  | 180  | 188  | 178  | 192  | 203  | 211  | 203  | 218  | 230  | 240  | 231  | 248  | 262  | 274  | 260  | 280  | 295  | 308  | 287  | 309  | 326  | 340  |
|       | Lo PR | 64   | 68   | 74   | 79   | 68   | 72   | 79   | 84   | 70   | 75   | 82   | 87   | 74   | 79   | 86   | 91   | 77   | 82   | 90   | 96   | 80   | 85   | 93   | 99   |
|       | MBh   | 45.6 | 46.5 | 48.7 | 51.9 | 44.5 | 45.4 | 47.5 | 50.7 | 43.5 | 44.3 | 46.4 | 49.5 | 42.4 | 43.2 | 45.3 | 48.3 | 40.3 | 41.1 | 43.0 | 45.9 | 37.3 | 38.0 | 39.8 | 42.5 |
|       | S/T   | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.93 | 0.75 |
|       | ΔT    | 26   | 26   | 24   | 21   | 26   | 26   | 24   | 21   | 26   | 26   | 24   | 21   | 26   | 26   | 25   | 21   | 25   | 25   | 24   | 21   | 23   | 23   | 23   | 20   |
| 1500  | kW    | 3.03 | 3.11 | 3.22 | 3.34 | 3.30 | 3.38 | 3.50 | 3.63 | 3.54 | 3.62 | 3.76 | 3.90 | 3.74 | 3.84 | 3.98 | 4.13 | 3.92 | 4.02 | 4.17 | 4.32 | 4.07 | 4.18 | 4.33 | 4.49 |
|       | Amps  | 3.9  | 4.0  | 4.2  | 4.3  | 4.3  | 4.4  | 4.5  | 4.7  | 4.6  | 4.7  | 4.9  | 5.1  | 4.9  | 5.1  | 5.2  | 5.4  | 5.3  | 5.4  | 5.6  | 5.8  | 5.6  | 5.7  | 5.9  | 6.1  |
|       | Hi PR | 157  | 169  | 179  | 186  | 176  | 190  | 201  | 209  | 201  | 216  | 228  | 238  | 229  | 246  | 260  | 271  | 257  | 277  | 292  | 305  | 284  | 306  | 323  | 337  |
|       | Lo PR | 63   | 68   | 74   | 78   | 67   | 71   | 78   | 83   | 70   | 74   | 81   | 86   | 73   | 78   | 85   | 91   | 77   | 82   | 89   | 95   | 79   | 84   | 92   | 98   |
|       | MBh   | 42.1 | 42.9 | 44.9 | 47.9 | 41.1 | 41.9 | 43.9 | 46.8 | 40.1 | 40.9 | 42.8 | 45.7 | 39.1 | 39.9 | 41.8 | 44.6 | 37.2 | 37.9 | 39.7 | 42.4 | 34.4 | 35.1 | 36.8 | 39.2 |
|       | S/T   | 0.90 | 0.87 | 0.78 | 0.63 | 0.93 | 0.90 | 0.81 | 0.66 | 0.95 | 0.92 | 0.83 | 0.67 | 0.98 | 0.95 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 0.99 | 0.90 | 0.73 |
|       | ΔT    | 26   | 26   | 25   | 21   | 27   | 26   | 25   | 22   | 27   | 26   | 25   | 22   | 27   | 27   | 25   | 22   | 26   | 26   | 25   | 21   | 24   | 24   | 23   | 20   |
|       | kW    | 2.95 | 3.02 | 3.13 | 3.24 | 3.21 | 3.29 | 3.41 | 3.53 | 3.44 | 3.52 | 3.65 | 3.79 | 3.64 | 3.73 | 3.87 | 4.01 | 3.81 | 3.91 | 4.05 | 4.20 | 3.96 | 4.06 | 4.21 | 4.37 |
|       | Amps  | 3.8  | 3.9  | 4.1  | 4.2  | 4.1  | 4.2  | 4.4  | 4.5  | 4.5  | 4.6  | 4.8  | 4.9  | 4.8  | 4.9  | 5.1  | 5.3  | 5.1  | 5.2  | 5.4  | 5.6  | 5.4  | 5.5  | 5.7  | 6.0  |
|       | Hi PR | 153  | 164  | 173  | 181  | 171  | 184  | 195  | 203  | 195  | 209  | 221  | 231  | 222  | 239  | 252  | 263  | 249  | 268  | 283  | 296  | 276  | 297  | 313  | 327  |
| Lo PR | 62    | 65   | 71   | 76   | 65   | 69   | 76   | 80   | 68   | 72   | 79   | 84   | 71   | 76   | 82   | 88   | 74   | 79   | 86   | 92   | 77   | 82   | 89   | 95   |      |

# EXPANDED COOLING DATA — GSC130484B\* / CA\*F4860\*6B\*

|       |         | Outdoor Ambient Temperature          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |   |
|-------|---------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|---|
|       |         | 65°F                                 |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F |      |      |      | 105°F |      |      |      | 115°F |      |      |      |   |
|       |         | Entering Indoor Wet Bulb Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |   |
| IDB   | Airflow | 59                                   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |   |
| 70    | 1400    | MBh                                  | 42.6 | 44.2 | 48.4 | -    | 41.6 | 43.2 | 47.3 | -    | 40.7 | 42.1 | 46.2 | -    | 39.7 | 41.1 | 45.0 | -     | 37.7 | 39.1 | 42.8 | -     | 34.9 | 36.2 | 39.6 | - |
|       |         | S/T                                  | 0.69 | 0.58 | 0.40 | -    | 0.72 | 0.60 | 0.42 | -    | 0.74 | 0.61 | 0.43 | -    | 0.76 | 0.63 | 0.44 | -     | 0.79 | 0.66 | 0.46 | -     | 0.80 | 0.66 | 0.46 | - |
|       |         | ΔT                                   | 19   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -     | 20   | 17   | 13   | -     | 18   | 16   | 12   | - |
|       |         | kW                                   | 2.96 | 3.03 | 3.14 | -    | 3.22 | 3.30 | 3.42 | -    | 3.45 | 3.54 | 3.67 | -    | 3.66 | 3.75 | 3.89 | -     | 3.83 | 3.93 | 4.07 | -     | 3.98 | 4.08 | 4.23 | - |
|       |         | Amps                                 | 4.3  | 4.3  | 4.5  | -    | 4.6  | 4.7  | 4.8  | -    | 4.9  | 5.0  | 5.2  | -    | 5.2  | 5.4  | 5.5  | -     | 5.5  | 5.7  | 5.9  | -     | 5.9  | 6.0  | 6.2  | - |
|       |         | Hi PR                                | 140  | 151  | 159  | -    | 157  | 169  | 178  | -    | 179  | 192  | 203  | -    | 203  | 219  | 231  | -     | 229  | 246  | 260  | -     | 253  | 272  | 287  | - |
|       |         | Lo PR                                | 61   | 65   | 71   | -    | 64   | 69   | 75   | -    | 67   | 71   | 78   | -    | 70   | 75   | 82   | -     | 74   | 78   | 86   | -     | 76   | 81   | 89   | - |
|       |         | MBh                                  | 43.3 | 44.9 | 49.2 | -    | 42.3 | 43.8 | 48.0 | -    | 41.3 | 42.8 | 46.9 | -    | 40.3 | 41.7 | 45.7 | -     | 38.3 | 39.6 | 43.4 | -     | 35.4 | 36.7 | 40.2 | - |
|       |         | S/T                                  | 0.72 | 0.60 | 0.42 | -    | 0.74 | 0.62 | 0.43 | -    | 0.76 | 0.64 | 0.44 | -    | 0.79 | 0.66 | 0.46 | -     | 0.82 | 0.68 | 0.47 | -     | 0.82 | 0.69 | 0.48 | - |
|       |         | ΔT                                   | 18   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -     | 19   | 16   | 12   | -     | 17   | 15   | 11   | - |
| 70    | 1550    | kW                                   | 3.01 | 3.08 | 3.19 | -    | 3.27 | 3.35 | 3.48 | -    | 3.51 | 3.60 | 3.73 | -    | 3.72 | 3.81 | 3.95 | -     | 3.89 | 3.99 | 4.14 | -     | 4.05 | 4.15 | 4.30 | - |
|       |         | Amps                                 | 4.3  | 4.4  | 4.5  | -    | 4.6  | 4.7  | 4.9  | -    | 5.0  | 5.1  | 5.3  | -    | 5.3  | 5.4  | 5.6  | -     | 5.6  | 5.8  | 5.9  | -     | 5.9  | 6.1  | 6.3  | - |
|       |         | Hi PR                                | 142  | 153  | 162  | -    | 160  | 172  | 182  | -    | 182  | 196  | 206  | -    | 207  | 223  | 235  | -     | 233  | 251  | 265  | -     | 257  | 277  | 292  | - |
|       |         | Lo PR                                | 62   | 66   | 72   | -    | 66   | 70   | 76   | -    | 68   | 72   | 79   | -    | 72   | 76   | 83   | -     | 75   | 80   | 87   | -     | 78   | 83   | 90   | - |
|       |         | MBh                                  | 44.6 | 46.2 | 50.6 | -    | 43.5 | 45.1 | 49.5 | -    | 42.5 | 44.1 | 48.3 | -    | 41.5 | 43.0 | 47.1 | -     | 39.4 | 40.8 | 44.7 | -     | 36.5 | 37.8 | 41.4 | - |
|       |         | S/T                                  | 0.75 | 0.63 | 0.44 | -    | 0.78 | 0.65 | 0.45 | -    | 0.80 | 0.67 | 0.46 | -    | 0.83 | 0.69 | 0.48 | -     | 0.86 | 0.72 | 0.50 | -     | 0.86 | 0.72 | 0.50 | - |
|       |         | ΔT                                   | 17   | 15   | 11   | -    | 17   | 15   | 11   | -    | 17   | 15   | 11   | -    | 18   | 15   | 12   | -     | 17   | 15   | 11   | -     | 16   | 14   | 11   | - |
|       |         | kW                                   | 3.03 | 3.11 | 3.22 | -    | 3.30 | 3.39 | 3.51 | -    | 3.54 | 3.63 | 3.76 | -    | 3.75 | 3.85 | 3.99 | -     | 3.93 | 4.03 | 4.18 | -     | 4.09 | 4.19 | 4.34 | - |
|       |         | Amps                                 | 4.4  | 4.4  | 4.6  | -    | 4.7  | 4.8  | 4.9  | -    | 5.0  | 5.2  | 5.3  | -    | 5.4  | 5.5  | 5.7  | -     | 5.7  | 5.8  | 6.0  | -     | 6.0  | 6.1  | 6.3  | - |
|       |         | Hi PR                                | 144  | 155  | 163  | -    | 161  | 174  | 183  | -    | 184  | 197  | 209  | -    | 209  | 225  | 238  | -     | 235  | 253  | 267  | -     | 260  | 280  | 295  | - |
| Lo PR | 63      | 67                                   | 73   | -    | 66   | 70   | 77   | -    | 69   | 73   | 80   | -    | 72   | 77   | 84   | -    | 76   | 81    | 88   | -    | 78   | 83    | 91   | -    |      |   |

|      |         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75   | MBh     | 43.4 | 44.6 | 48.3 | 51.9 | 42.4 | 43.6 | 47.2 | 50.7 | 41.3 | 42.6 | 46.1 | 49.5 | 40.3 | 41.5 | 45.0 | 48.2 | 38.3 | 39.5 | 42.7 | 45.8 | 35.5 | 36.5 | 39.6 | 42.5 |
|      | S/T     | 0.79 | 0.70 | 0.53 | 0.34 | 0.82 | 0.73 | 0.55 | 0.36 | 0.84 | 0.75 | 0.57 | 0.36 | 0.86 | 0.77 | 0.58 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.90 | 0.81 | 0.61 | 0.39 |
|      | 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   |
|      | 1400 kW | 2.99 | 3.06 | 3.17 | 3.29 | 3.25 | 3.33 | 3.45 | 3.58 | 3.49 | 3.57 | 3.70 | 3.84 | 3.69 | 3.79 | 3.93 | 4.07 | 3.87 | 3.97 | 4.11 | 4.27 | 4.02 | 4.12 | 4.27 | 4.44 |
|      | Amps    | 4.3  | 4.4  | 4.5  | 4.7  | 4.6  | 4.7  | 4.8  | 5.0  | 5.0  | 5.1  | 5.2  | 5.4  | 5.3  | 5.4  | 5.6  | 5.8  | 5.6  | 5.7  | 5.9  | 6.1  | 5.9  | 6.0  | 6.2  | 6.5  |
|      | Hi PR   | 141  | 152  | 161  | 168  | 159  | 171  | 180  | 188  | 180  | 194  | 205  | 214  | 205  | 221  | 234  | 244  | 231  | 249  | 263  | 274  | 255  | 275  | 290  | 303  |
|      | Lo PR   | 62   | 66   | 72   | 76   | 65   | 69   | 76   | 81   | 68   | 72   | 79   | 84   | 71   | 76   | 83   | 88   | 74   | 79   | 86   | 92   | 77   | 82   | 89   | 95   |
|      | MBh     | 44.0 | 45.3 | 49.1 | 52.7 | 43.0 | 44.3 | 47.9 | 51.4 | 42.0 | 43.2 | 46.8 | 50.2 | 41.0 | 42.2 | 45.6 | 49.0 | 38.9 | 40.1 | 43.4 | 46.5 | 36.0 | 37.1 | 40.2 | 43.1 |
|      | S/T     | 0.82 | 0.73 | 0.55 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.40 | 0.94 | 0.84 | 0.63 | 0.41 |
|      | ΔT      | 21   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 20   | 18   | 15   | 10   |
| 1550 | 1550 kW | 3.04 | 3.11 | 3.22 | 3.34 | 3.30 | 3.39 | 3.51 | 3.64 | 3.54 | 3.63 | 3.76 | 3.91 | 3.75 | 3.85 | 3.99 | 4.14 | 3.93 | 4.03 | 4.18 | 4.34 | 4.09 | 4.19 | 4.34 | 4.51 |
|      | Amps    | 4.4  | 4.4  | 4.6  | 4.7  | 4.7  | 4.8  | 4.9  | 5.1  | 5.0  | 5.2  | 5.3  | 5.5  | 5.4  | 5.5  | 5.7  | 5.8  | 5.7  | 5.8  | 6.0  | 6.2  | 6.0  | 6.1  | 6.3  | 6.6  |
|      | Hi PR   | 144  | 155  | 163  | 170  | 161  | 174  | 183  | 191  | 184  | 198  | 209  | 218  | 209  | 225  | 238  | 248  | 235  | 253  | 267  | 279  | 260  | 280  | 295  | 308  |
|      | Lo PR   | 63   | 67   | 73   | 78   | 66   | 70   | 77   | 82   | 69   | 73   | 80   | 85   | 72   | 77   | 84   | 89   | 76   | 81   | 88   | 94   | 78   | 83   | 91   | 97   |
|      | MBh     | 45.3 | 46.7 | 50.5 | 54.2 | 44.3 | 45.6 | 49.4 | 53.0 | 43.2 | 44.5 | 48.2 | 51.7 | 42.2 | 43.4 | 47.0 | 50.4 | 40.1 | 41.3 | 44.7 | 47.9 | 37.1 | 38.2 | 41.4 | 44.4 |
|      | S/T     | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.79 | 0.60 | 0.39 | 0.91 | 0.81 | 0.62 | 0.40 | 0.94 | 0.84 | 0.64 | 0.41 | 0.97 | 0.87 | 0.66 | 0.42 | 0.98 | 0.88 | 0.67 | 0.43 |
|      | ΔT      | 20   | 18   | 15   | 10   | 20   | 18   | 15   | 10   | 20   | 19   | 15   | 10   | 20   | 19   | 15   | 11   | 20   | 18   | 15   | 10   | 19   | 17   | 14   | 10   |
|      | 1800 kW | 3.06 | 3.14 | 3.25 | 3.37 | 3.34 | 3.42 | 3.54 | 3.67 | 3.58 | 3.66 | 3.80 | 3.94 | 3.79 | 3.88 | 4.03 | 4.18 | 3.97 | 4.07 | 4.22 | 4.38 | 4.12 | 4.23 | 4.38 | 4.55 |
|      | Amps    | 4.4  | 4.5  | 4.6  | 4.8  | 4.7  | 4.8  | 5.0  | 5.1  | 5.1  | 5.2  | 5.4  | 5.5  | 5.4  | 5.5  | 5.7  | 5.9  | 5.7  | 5.9  | 6.0  | 6.3  | 6.0  | 6.2  | 6.4  | 6.6  |
|      | Hi PR   | 145  | 156  | 165  | 172  | 163  | 175  | 185  | 193  | 185  | 199  | 211  | 220  | 211  | 227  | 240  | 250  | 238  | 256  | 270  | 282  | 262  | 282  | 298  | 311  |
|      | Lo PR   | 63   | 67   | 74   | 78   | 67   | 71   | 78   | 83   | 70   | 74   | 81   | 86   | 73   | 78   | 85   | 90   | 77   | 81   | 89   | 95   | 79   | 84   | 92   | 98   |

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

# EXPANDED COOLING DATA — GSC130484B\* / CA\*F4860\*6B\* (CONT.)

|      |         | Outdoor Ambient Temperature |      |      |      |      |      |      |      |      |      |      |      | 115°F |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |
|------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|
|      |         | 65°F                        |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F  |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |      |      |      |      |
| IDB  | Airflow | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   |      |      |
| 80   | 1400    | MBh                         | 44.1 | 45.1 | 48.2 | 51.5 | 43.1 | 44.0 | 47.1 | 50.3 | 42.1 | 43.0 | 45.9 | 49.1  | 41.1 | 41.9 | 44.8 | 47.9 | 39.0 | 39.9 | 42.6 | 45.5 | 36.1 | 36.9 | 39.4 | 42.2  | 36.1 | 36.9 | 39.4 | 42.2 |      |
|      |         | S/T                         | 0.86 | 0.81 | 0.66 | 0.49 | 0.90 | 0.84 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52  | 0.95 | 0.89 | 0.72 | 0.54 | 0.98 | 0.92 | 0.75 | 0.56 | 0.99 | 0.93 | 0.76 | 0.57  | 0.99 | 0.93 | 0.76 | 0.57 |      |
|      |         | ΔT                          | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17    | 26   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 24   | 23   | 20   | 16    | 24   | 23   | 20   | 16   |      |
|      | 1550    | kW                          | 3.02 | 3.09 | 3.20 | 3.32 | 3.28 | 3.36 | 3.49 | 3.62 | 3.52 | 3.61 | 3.74 | 3.88  | 3.73 | 3.82 | 3.96 | 4.11 | 3.91 | 4.00 | 4.15 | 4.31 | 4.06 | 4.16 | 4.32 | 4.48  | 4.06 | 4.16 | 4.32 | 4.48 |      |
|      |         | Amps                        | 4.3  | 4.4  | 4.6  | 4.7  | 4.6  | 4.7  | 4.9  | 5.1  | 5.0  | 5.1  | 5.3  | 5.5   | 5.3  | 5.4  | 5.6  | 5.8  | 5.6  | 5.8  | 6.0  | 6.2  | 6.0  | 6.1  | 6.3  | 6.5   | 6.0  | 6.1  | 6.3  | 6.5  |      |
|      |         | Hi PR                       | 143  | 154  | 162  | 169  | 160  | 172  | 182  | 190  | 182  | 196  | 207  | 216   | 208  | 223  | 236  | 246  | 234  | 251  | 265  | 277  | 258  | 278  | 293  | 306   | 258  | 278  | 293  | 306  |      |
|      | 1800    | Lo PR                       | 62   | 66   | 72   | 77   | 66   | 70   | 76   | 81   | 68   | 73   | 79   | 85    | 72   | 76   | 83   | 89   | 75   | 80   | 87   | 93   | 78   | 83   | 90   | 96    | 78   | 83   | 90   | 96   |      |
|      |         | MBh                         | 44.8 | 45.8 | 48.9 | 52.3 | 43.8 | 44.7 | 47.8 | 51.1 | 42.7 | 43.7 | 46.6 | 49.9  | 41.7 | 42.6 | 45.5 | 48.6 | 39.6 | 40.5 | 43.2 | 46.2 | 36.7 | 37.5 | 40.0 | 42.8  | 36.7 | 37.5 | 40.0 | 42.8 |      |
|      |         | S/T                         | 0.90 | 0.84 | 0.68 | 0.51 | 0.93 | 0.87 | 0.71 | 0.53 | 0.95 | 0.89 | 0.73 | 0.54  | 0.98 | 0.92 | 0.75 | 0.56 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 0.96 | 0.78 | 0.59  | 1.00 | 0.96 | 0.78 | 0.59 |      |
|      | 80      | 1400                        | ΔT   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20    | 16   | 24   | 23   | 20   | 16   | 23   | 23   | 20   | 16   | 22   | 21   | 19    | 15   | 22   | 21   | 19   | 15   |
|      |         |                             | kW   | 3.06 | 3.14 | 3.25 | 3.37 | 3.34 | 3.42 | 3.54 | 3.67 | 3.58 | 3.67 | 3.80  | 3.94 | 3.79 | 3.88 | 4.03 | 4.18 | 3.97 | 4.07 | 4.22 | 4.38 | 4.12 | 4.23 | 4.39  | 4.55 | 4.12 | 4.23 | 4.39 | 4.55 |
| Amps |         |                             | 4.4  | 4.5  | 4.6  | 4.8  | 4.7  | 4.8  | 5.0  | 5.1  | 5.1  | 5.2  | 5.4  | 5.5   | 5.4  | 5.5  | 5.7  | 5.9  | 5.7  | 5.9  | 6.0  | 6.3  | 6.0  | 6.2  | 6.4  | 6.6   | 6.0  | 6.2  | 6.4  | 6.6  |      |
| 1550 |         | Hi PR                       | 145  | 156  | 165  | 172  | 163  | 175  | 185  | 193  | 185  | 200  | 211  | 220   | 211  | 227  | 240  | 250  | 238  | 256  | 270  | 282  | 262  | 282  | 298  | 311   | 262  | 282  | 298  | 311  |      |
|      |         | Lo PR                       | 63   | 67   | 74   | 78   | 67   | 71   | 78   | 83   | 70   | 74   | 81   | 86    | 73   | 78   | 85   | 90   | 77   | 81   | 89   | 95   | 79   | 84   | 92   | 98    | 79   | 84   | 92   | 98   |      |
|      |         | MBh                         | 46.1 | 47.2 | 50.4 | 53.9 | 45.1 | 46.1 | 49.2 | 52.6 | 44.0 | 45.0 | 48.0 | 51.4  | 42.9 | 43.9 | 46.9 | 50.1 | 40.8 | 41.7 | 44.5 | 47.6 | 37.8 | 38.6 | 41.2 | 44.1  | 37.8 | 38.6 | 41.2 | 44.1 |      |
| 1800 |         | S/T                         | 0.94 | 0.88 | 0.72 | 0.54 | 1.00 | 0.91 | 0.74 | 0.56 | 1.00 | 0.94 | 0.76 | 0.57  | 1.00 | 0.97 | 0.79 | 0.59 | 1.00 | 1.00 | 0.82 | 0.61 | 1.00 | 1.00 | 0.82 | 0.62  | 1.00 | 1.00 | 0.82 | 0.62 |      |
|      |         | ΔT                          | 22   | 21   | 18   | 15   | 23   | 21   | 19   | 15   | 22   | 21   | 19   | 15    | 22   | 22   | 19   | 15   | 21   | 21   | 19   | 15   | 19   | 20   | 17   | 14    | 19   | 20   | 17   | 14   |      |
|      |         | kW                          | 3.09 | 3.17 | 3.28 | 3.40 | 3.37 | 3.45 | 3.58 | 3.71 | 3.61 | 3.70 | 3.84 | 3.98  | 3.82 | 3.92 | 4.06 | 4.22 | 4.01 | 4.11 | 4.26 | 4.42 | 4.16 | 4.27 | 4.43 | 4.59  | 4.16 | 4.27 | 4.43 | 4.59 |      |
| 1800 |         | Amps                        | 4.4  | 4.5  | 4.7  | 4.8  | 4.7  | 4.9  | 5.0  | 5.2  | 5.1  | 5.2  | 5.4  | 5.6   | 5.5  | 5.6  | 5.7  | 6.0  | 5.8  | 5.9  | 6.1  | 6.3  | 6.1  | 6.2  | 6.4  | 6.7   | 6.1  | 6.2  | 6.4  | 6.7  |      |
|      |         | Hi PR                       | 147  | 158  | 167  | 174  | 165  | 177  | 187  | 195  | 187  | 202  | 213  | 222   | 213  | 230  | 242  | 253  | 240  | 258  | 273  | 284  | 265  | 285  | 301  | 314   | 265  | 285  | 301  | 314  |      |
|      | Lo PR   | 64                          | 68   | 74   | 79   | 68   | 72   | 78   | 84   | 70   | 75   | 82   | 87   | 74    | 78   | 86   | 91   | 77   | 82   | 90   | 96   | 80   | 85   | 93   | 99   | 80    | 85   | 93   | 99   |      |      |

|                                                                                |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------------------------------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1400                                                                           | MBh   | 44.9 | 45.8 | 47.9 | 51.1 | 43.9 | 44.7 | 46.8 | 50.0 | 42.8 | 43.6 | 45.7 | 48.8 | 41.8 | 42.6 | 44.6 | 47.6 | 39.7 | 40.4 | 42.4 | 45.2 | 36.8 | 37.5 | 39.2 | 41.9 |
|                                                                                | S/T   | 0.91 | 0.87 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.96 | 0.87 | 0.70 | 1.00 | 0.99 | 0.90 | 0.73 | 1.00 | 1.00 | 0.91 | 0.73 |
|                                                                                | ΔT    | 27   | 26   | 25   | 21   | 27   | 27   | 25   | 22   | 27   | 27   | 25   | 22   | 27   | 27   | 25   | 22   | 26   | 26   | 25   | 22   | 24   | 25   | 23   | 20   |
|                                                                                | kW    | 3.04 | 3.12 | 3.23 | 3.35 | 3.31 | 3.40 | 3.52 | 3.65 | 3.55 | 3.64 | 3.77 | 3.92 | 3.76 | 3.86 | 4.00 | 4.15 | 3.94 | 4.04 | 4.19 | 4.35 | 4.10 | 4.20 | 4.36 | 4.52 |
|                                                                                | Amps  | 4.4  | 4.5  | 4.6  | 4.7  | 4.7  | 4.8  | 4.9  | 5.1  | 5.1  | 5.2  | 5.3  | 5.5  | 5.4  | 5.5  | 5.7  | 5.9  | 5.7  | 5.8  | 6.0  | 6.2  | 6.0  | 6.1  | 6.3  | 6.6  |
|                                                                                | Hi PR | 144  | 155  | 164  | 171  | 162  | 174  | 184  | 192  | 184  | 198  | 209  | 218  | 210  | 226  | 238  | 248  | 236  | 254  | 268  | 280  | 261  | 280  | 296  | 309  |
|                                                                                | Lo PR | 63   | 67   | 73   | 78   | 66   | 71   | 77   | 82   | 69   | 73   | 80   | 85   | 72   | 77   | 84   | 90   | 76   | 81   | 88   | 94   | 79   | 84   | 91   | 97   |
| 1550                                                                           | MBh   | 45.6 | 46.5 | 48.7 | 51.9 | 44.5 | 45.4 | 47.5 | 50.7 | 43.5 | 44.3 | 46.4 | 49.5 | 42.4 | 43.2 | 45.3 | 48.3 | 40.3 | 41.1 | 43.0 | 45.9 | 37.3 | 38.0 | 39.8 | 42.5 |
|                                                                                | S/T   | 0.94 | 0.91 | 0.82 | 0.66 | 0.97 | 0.94 | 0.85 | 0.69 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 0.99 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.76 | 1.00 | 1.00 | 0.94 | 0.76 |
|                                                                                | ΔT    | 25   | 25   | 24   | 20   | 26   | 25   | 24   | 21   | 26   | 25   | 24   | 21   | 25   | 25   | 24   | 21   | 24   | 24   | 21   | 22   | 23   | 22   | 19   |      |
|                                                                                | kW    | 3.09 | 3.17 | 3.28 | 3.40 | 3.37 | 3.45 | 3.58 | 3.71 | 3.61 | 3.70 | 3.84 | 3.98 | 3.82 | 3.92 | 4.06 | 4.22 | 4.01 | 4.11 | 4.26 | 4.42 | 4.16 | 4.27 | 4.43 | 4.59 |
|                                                                                | Amps  | 4.4  | 4.5  | 4.7  | 4.8  | 4.7  | 4.9  | 5.0  | 5.2  | 5.1  | 5.2  | 5.4  | 5.6  | 5.5  | 5.6  | 5.7  | 6.0  | 5.8  | 5.9  | 6.1  | 6.3  | 6.1  | 6.2  | 6.4  | 6.7  |
|                                                                                | Hi PR | 147  | 158  | 167  | 174  | 165  | 177  | 187  | 195  | 187  | 202  | 213  | 222  | 213  | 230  | 242  | 253  | 240  | 258  | 273  | 284  | 265  | 285  | 301  | 314  |
|                                                                                | Lo PR | 64   | 68   | 74   | 79   | 68   | 72   | 78   | 84   | 70   | 75   | 82   | 87   | 74   | 78   | 86   | 91   | 77   | 82   | 90   | 96   | 80   | 85   | 93   | 99   |
| 1800                                                                           | MBh   | 47.0 | 47.9 | 50.1 | 53.5 | 45.9 | 46.7 | 49.0 | 52.2 | 44.8 | 45.6 | 47.8 | 51.0 | 43.7 | 44.5 | 46.6 | 49.7 | 41.5 | 42.3 | 44.3 | 47.3 | 38.4 | 39.2 | 41.0 | 43.8 |
|                                                                                | S/T   | 0.98 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.98 | 0.79 | 1.00 | 1.00 | 0.98 | 0.80 |
|                                                                                | ΔT    | 24   | 23   | 22   | 19   | 23   | 24   | 22   | 19   | 23   | 23   | 22   | 19   | 22   | 23   | 22   | 19   | 21   | 22   | 22   | 19   | 20   | 20   | 21   | 18   |
|                                                                                | kW    | 3.12 | 3.20 | 3.31 | 3.44 | 3.40 | 3.48 | 3.61 | 3.74 | 3.64 | 3.73 | 3.87 | 4.02 | 3.86 | 3.96 | 4.10 | 4.26 | 4.04 | 4.15 | 4.30 | 4.46 | 4.20 | 4.31 | 4.47 | 4.64 |
|                                                                                | Amps  | 4.5  | 4.6  | 4.7  | 4.9  | 4.8  | 4.9  | 5.0  | 5.2  | 5.2  | 5.3  | 5.4  | 5.6  | 5.5  | 5.6  | 5.8  | 6.0  | 5.8  | 6.0  | 6.1  | 6.4  | 6.2  | 6.3  | 6.5  | 6.7  |
|                                                                                | Hi PR | 148  | 159  | 168  | 176  | 166  | 179  | 189  | 197  | 189  | 204  | 215  | 224  | 215  | 232  | 245  | 255  | 242  | 261  | 275  | 287  | 268  | 288  | 304  | 317  |
|                                                                                | Lo PR | 65   | 69   | 75   | 80   | 68   | 73   | 79   | 84   | 71   | 75   | 82   | 88   | 74   | 79   | 87   | 92   | 78   | 83   | 91   | 97   | 81   | 86   | 94   | 100  |
| DB: Entering Indoor Dry Bulb Temperature                                       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| -high and low pressures are measured at the liquid and suction service valves. |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Shaded area reflects AHRI (TVA) conditions                                     |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Amps = outdoor unit amps (comp.+fan)<br>kW = Total system power                |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

# EXPANDED COOLING DATA — GSC130603A\* / CACF061-A2B

|      |         | Outdoor Ambient Temperature          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|------|---------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|--|--|--|-------|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|
|      |         | 65°F                                 |      |      |      |      |      |      |      | 75°F |      |      |      |      |      |      |      | 85°F |      |      |      |      |      |      |      | 95°F |      |      |      |   |  |  |  | 105°F |  |  |  |  |  |  |  | 115°F |  |  |  |  |  |  |  |
|      |         | Entering Indoor Wet Bulb Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |   |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| IDB  | Airflow | 59                                   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   |   |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| 70   |         | MBh                                  | 55.9 | 57.9 | 63.4 | -    | 54.6 | 56.5 | 62.0 | -    | 53.3 | 55.2 | 60.5 | -    | 52.0 | 53.9 | 59.0 | -    | 49.4 | 51.2 | 56.1 | -    | 45.7 | 47.4 | 51.9 | -    | 45.7 | 47.4 | 51.9 | - |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | S/T                                  | 0.70 | 0.58 | 0.40 | -    | 0.72 | 0.60 | 0.42 | -    | 0.74 | 0.62 | 0.43 | -    | 0.77 | 0.64 | 0.44 | -    | 0.80 | 0.66 | 0.46 | -    | 0.80 | 0.67 | 0.46 | -    | 0.80 | 0.67 | 0.46 | - |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | ΔT                                   | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 17   | 13   | -    | 19   | 16   | 12   | -    | 18   | 15   | 12   | -    | 18   | 15   | 12   | - |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | 1913    | kW                                   | 3.97 | 4.06 | 4.19 | -    | 4.29 | 4.38 | 4.53 | -    | 4.57 | 4.67 | 4.83 | -    | 4.81 | 4.92 | 5.09 | -    | 5.02 | 5.14 | 5.31 | -    | 5.20 | 5.32 | 5.50 | -    | 5.20 | 5.32 | 5.50 | - |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | Amps                                 | 12.8 | 13.1 | 13.6 | -    | 13.9 | 14.2 | 14.7 | -    | 15.1 | 15.4 | 15.9 | -    | 16.1 | 16.5 | 17.0 | -    | 17.1 | 17.5 | 18.1 | -    | 18.1 | 18.6 | 19.2 | -    | 18.1 | 18.6 | 19.2 | - |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | Hi PR                                | 144  | 155  | 163  | -    | 161  | 174  | 183  | -    | 183  | 197  | 208  | -    | 209  | 225  | 237  | -    | 235  | 253  | 267  | -    | 260  | 279  | 295  | -    | 260  | 279  | 295  | - |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | Lo PR                                | 58   | 61   | 67   | -    | 61   | 65   | 71   | -    | 63   | 68   | 74   | -    | 67   | 71   | 77   | -    | 70   | 74   | 81   | -    | 72   | 77   | 84   | -    | 72   | 77   | 84   | - |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | MBh                                  | 54.2 | 56.2 | 61.6 | -    | 53.0 | 54.9 | 60.1 | -    | 51.7 | 53.6 | 58.7 | -    | 50.4 | 52.3 | 57.3 | -    | 47.9 | 49.7 | 54.4 | -    | 44.4 | 46.0 | 50.4 | -    | 44.4 | 46.0 | 50.4 | - |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | S/T                                  | 0.67 | 0.56 | 0.39 | -    | 0.69 | 0.58 | 0.40 | -    | 0.71 | 0.59 | 0.41 | -    | 0.73 | 0.61 | 0.42 | -    | 0.76 | 0.63 | 0.44 | -    | 0.76 | 0.64 | 0.44 | -    | 0.76 | 0.64 | 0.44 | - |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | ΔT                                   | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | - |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | 1700    | kW                                   | 3.94 | 4.03 | 4.16 | -    | 4.25 | 4.35 | 4.49 | -    | 4.53 | 4.63 | 4.78 | -    | 4.77 | 4.88 | 5.04 | -    | 4.98 | 5.09 | 5.26 | -    | 5.16 | 5.28 | 5.45 | -    | 5.16 | 5.28 | 5.45 | - |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Amps    | 12.7                                 | 13.0 | 13.4 | -    | 13.7 | 14.1 | 14.5 | -    | 14.9 | 15.3 | 15.8 | -    | 15.9 | 16.3 | 16.9 | -    | 17.0 | 17.4 | 17.9 | -    | 18.0 | 18.4 | 19.0 | -    | 18.0 | 18.4 | 19.0 | -    |   |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Hi PR   | 142                                  | 153  | 162  | -    | 160  | 172  | 181  | -    | 182  | 195  | 206  | -    | 207  | 223  | 235  | -    | 233  | 250  | 264  | -    | 257  | 277  | 292  | -    | 257  | 277  | 292  | -    |   |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Lo PR   | 57                                   | 61   | 66   | -    | 60   | 64   | 70   | -    | 63   | 67   | 73   | -    | 66   | 70   | 77   | -    | 69   | 74   | 80   | -    | 72   | 76   | 83   | -    | 72   | 76   | 83   | -    |   |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| 1488 |         | MBh                                  | 50.1 | 51.9 | 56.8 | -    | 48.9 | 50.7 | 55.5 | -    | 47.7 | 49.5 | 54.2 | -    | 46.6 | 48.3 | 52.9 | -    | 44.2 | 45.8 | 50.2 | -    | 41.0 | 42.5 | 46.5 | -    | 41.0 | 42.5 | 46.5 | - |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | S/T                                  | 0.64 | 0.54 | 0.37 | -    | 0.67 | 0.56 | 0.39 | -    | 0.68 | 0.57 | 0.40 | -    | 0.70 | 0.59 | 0.41 | -    | 0.73 | 0.61 | 0.42 | -    | 0.74 | 0.62 | 0.43 | -    | 0.74 | 0.62 | 0.43 | - |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | ΔT                                   | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 18   | 13   | -    | 20   | 17   | 13   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | - |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | kW                                   | 3.84 | 3.93 | 4.05 | -    | 4.15 | 4.24 | 4.38 | -    | 4.41 | 4.51 | 4.66 | -    | 4.65 | 4.76 | 4.91 | -    | 4.85 | 4.96 | 5.13 | -    | 5.02 | 5.14 | 5.31 | -    | 5.02 | 5.14 | 5.31 | - |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | Amps                                 | 12.4 | 12.7 | 13.1 | -    | 13.4 | 13.7 | 14.1 | -    | 14.5 | 14.9 | 15.4 | -    | 15.5 | 15.9 | 16.4 | -    | 16.5 | 16.9 | 17.4 | -    | 17.5 | 17.9 | 18.5 | -    | 17.5 | 17.9 | 18.5 | - |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | Hi PR                                | 138  | 149  | 157  | -    | 155  | 167  | 176  | -    | 176  | 190  | 200  | -    | 201  | 216  | 228  | -    | 226  | 243  | 256  | -    | 249  | 268  | 283  | -    | 249  | 268  | 283  | - |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | Lo PR                                | 56   | 59   | 64   | -    | 59   | 62   | 68   | -    | 61   | 65   | 71   | -    | 64   | 68   | 74   | -    | 67   | 71   | 78   | -    | 69   | 74   | 81   | -    | 69   | 74   | 81   | - |  |  |  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1913  | MBh   | 56.8 | 58.5 | 63.3 | 67.9 | 55.5 | 57.1 | 61.8 | 66.4 | 54.2 | 55.8 | 60.4 | 64.8 | 52.8 | 54.4 | 58.9 | 63.2 | 50.2 | 51.7 | 55.9 | 60.0 | 46.5 | 47.9 | 51.8 | 55.6 |
|       | S/T   | 0.79 | 0.71 | 0.54 | 0.35 | 0.82 | 0.74 | 0.56 | 0.36 | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.91 | 0.82 | 0.62 | 0.40 |
|       | ΔT    | 22   | 20   | 16   | 11   | 22   | 20   | 17   | 11   | 22   | 20   | 17   | 11   | 22   | 20   | 17   | 12   | 22   | 20   | 16   | 11   | 20   | 19   | 15   | 11   |
|       | kW    | 4.01 | 4.09 | 4.23 | 4.37 | 4.33 | 4.42 | 4.57 | 4.72 | 4.61 | 4.71 | 4.87 | 5.03 | 4.85 | 4.96 | 5.13 | 5.31 | 5.06 | 5.18 | 5.36 | 5.54 | 5.25 | 5.37 | 5.55 | 5.74 |
|       | Amps  | 13.0 | 13.3 | 13.7 | 14.2 | 14.0 | 14.3 | 14.8 | 15.3 | 15.2 | 15.6 | 16.1 | 16.7 | 16.2 | 16.6 | 17.2 | 17.8 | 17.3 | 17.7 | 18.3 | 19.0 | 18.3 | 18.7 | 19.4 | 20.1 |
|       | Hi PR | 145  | 156  | 165  | 172  | 163  | 175  | 185  | 193  | 185  | 199  | 211  | 220  | 211  | 227  | 240  | 250  | 237  | 255  | 270  | 281  | 262  | 282  | 298  | 311  |
|       | Lo PR | 58   | 62   | 68   | 72   | 62   | 66   | 72   | 76   | 64   | 68   | 74   | 79   | 67   | 72   | 78   | 83   | 71   | 75   | 82   | 87   | 73   | 78   | 85   | 90   |
|       | MBh   | 55.1 | 56.8 | 61.5 | 66.0 | 53.9 | 55.5 | 60.0 | 64.4 | 52.6 | 54.1 | 58.6 | 62.9 | 51.3 | 52.8 | 57.2 | 61.4 | 48.7 | 50.2 | 54.3 | 58.3 | 45.1 | 46.5 | 50.3 | 54.0 |
|       | S/T   | 0.76 | 0.68 | 0.51 | 0.33 | 0.78 | 0.70 | 0.53 | 0.34 | 0.80 | 0.72 | 0.54 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.38 | 0.87 | 0.78 | 0.59 | 0.38 |
|       | ΔT    | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 21   | 20   | 16   | 11   |
|       | 1700  | kW   | 3.97 | 4.06 | 4.19 | 4.33 | 4.29 | 4.38 | 4.53 | 4.68 | 4.57 | 4.67 | 4.83 | 4.99 | 4.81 | 4.92 | 5.09 | 5.26 | 5.02 | 5.14 | 5.31 | 5.49 | 5.20 | 5.32 | 5.50 |
| Amps  |       | 12.8 | 13.1 | 13.6 | 14.1 | 13.9 | 14.2 | 14.7 | 15.2 | 15.1 | 15.4 | 15.9 | 16.5 | 16.1 | 16.5 | 17.0 | 17.7 | 17.1 | 17.5 | 18.1 | 18.8 | 18.1 | 18.6 | 19.2 | 19.9 |
| Hi PR |       | 144  | 155  | 163  | 170  | 161  | 174  | 183  | 191  | 183  | 197  | 208  | 217  | 209  | 225  | 237  | 248  | 235  | 253  | 267  | 279  | 260  | 279  | 295  | 308  |
| Lo PR |       | 58   | 62   | 67   | 72   | 61   | 65   | 71   | 76   | 63   | 68   | 74   | 79   | 67   | 71   | 77   | 82   | 70   | 74   | 81   | 86   | 72   | 77   | 84   | 89   |
| MBh   |       | 50.9 | 52.4 | 56.7 | 60.9 | 49.7 | 51.2 | 55.4 | 59.5 | 48.5 | 50.0 | 54.1 | 58.1 | 47.3 | 48.8 | 52.8 | 56.6 | 45.0 | 46.3 | 50.1 | 53.8 | 41.7 | 42.9 | 46.4 | 49.8 |
| S/T   |       | 0.73 | 0.65 | 0.49 | 0.32 | 0.76 | 0.68 | 0.51 | 0.33 | 0.78 | 0.69 | 0.53 | 0.34 | 0.80 | 0.72 | 0.54 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.84 | 0.75 | 0.57 | 0.37 |
| 1488  | ΔT    | 23   | 21   | 17   | 12   | 23   | 21   | 18   | 12   | 23   | 21   | 18   | 12   | 23   | 22   | 18   | 12   | 23   | 21   | 17   | 12   | 22   | 20   | 16   | 11   |
|       | kW    | 3.88 | 3.96 | 4.09 | 4.22 | 4.18 | 4.27 | 4.42 | 4.56 | 4.45 | 4.55 | 4.70 | 4.86 | 4.69 | 4.80 | 4.96 | 5.13 | 4.89 | 5.00 | 5.17 | 5.35 | 5.07 | 5.18 | 5.36 | 5.55 |
|       | Amps  | 12.5 | 12.8 | 13.2 | 13.7 | 13.5 | 13.8 | 14.3 | 14.8 | 14.6 | 15.0 | 15.5 | 16.1 | 15.6 | 16.0 | 16.6 | 17.2 | 16.6 | 17.0 | 17.6 | 18.3 | 17.6 | 18.1 | 18.7 | 19.4 |
|       | Hi PR | 139  | 150  | 158  | 165  | 156  | 168  | 178  | 185  | 178  | 191  | 202  | 211  | 203  | 218  | 230  | 240  | 228  | 245  | 259  | 270  | 252  | 271  | 286  | 299  |
|       | Lo PR | 56   | 60   | 65   | 69   | 59   | 63   | 69   | 73   | 62   | 66   | 72   | 76   | 65   | 69   | 75   | 80   | 68   | 72   | 79   | 84   | 70   | 75   | 81   | 87   |

# EXPANDED COOLING DATA — GSC130603A\* / CACF061-A2B (CONT.)

|      |         | Outdoor Ambient Temperature          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      | 115°F |      |  |  |  |  |
|------|---------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|-------|------|--|--|--|--|
|      |         | 65°F                                 |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |      |      |      |      |       |      |  |  |  |  |
|      |         | Entering Indoor Wet Bulb Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |       |      |  |  |  |  |
| IDB  | Airflow | 59                                   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59   | 63   | 67    | 71   |  |  |  |  |
| 80   | MBh     | 57.8                                 | 59.1 | 63.1 | 67.5 | 56.5 | 57.7 | 61.6 | 65.9 | 55.1 | 56.3 | 60.2 | 64.3 | 53.8 | 55.0 | 58.7 | 62.8 | 51.1 | 52.2 | 55.8 | 59.6 | 47.3 | 48.4 | 51.7 | 55.2 | 47.3  | 48.4 | 51.7 | 55.2 | 47.3 | 48.4 | 51.7  | 55.2 |  |  |  |  |
|      | S/T     | 0.87                                 | 0.82 | 0.66 | 0.50 | 0.90 | 0.85 | 0.69 | 0.51 | 0.93 | 0.87 | 0.71 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 1.00 | 0.93 | 0.76 | 0.57 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00  | 0.94 | 0.76 | 0.57 | 1.00 | 0.94 | 0.76  | 0.57 |  |  |  |  |
|      | ΔT      | 24                                   | 23   | 20   | 16   | 25   | 23   | 20   | 16   | 25   | 24   | 20   | 16   | 25   | 24   | 21   | 16   | 25   | 23   | 20   | 16   | 23   | 22   | 19   | 15   | 23    | 22   | 19   | 15   | 23   | 22   | 19    | 15   |  |  |  |  |
|      | kW      | 4.04                                 | 4.13 | 4.26 | 4.40 | 4.36 | 4.46 | 4.61 | 4.76 | 4.65 | 4.75 | 4.91 | 5.08 | 4.90 | 5.01 | 5.18 | 5.35 | 5.11 | 5.23 | 5.40 | 5.59 | 5.29 | 5.41 | 5.60 | 5.80 | 5.29  | 5.41 | 5.60 | 5.80 | 5.29 | 5.41 | 5.60  | 5.80 |  |  |  |  |
|      | Amps    | 13.1                                 | 13.4 | 13.8 | 14.3 | 14.1 | 14.5 | 14.9 | 15.5 | 15.3 | 15.7 | 16.2 | 16.8 | 16.4 | 16.8 | 17.3 | 18.0 | 17.4 | 17.9 | 18.5 | 19.2 | 18.5 | 18.9 | 19.6 | 20.3 | 18.5  | 18.9 | 19.6 | 20.3 | 18.5 | 18.9 | 19.6  | 20.3 |  |  |  |  |
|      | Hi PR   | 147                                  | 158  | 167  | 174  | 165  | 177  | 187  | 195  | 187  | 201  | 213  | 222  | 213  | 229  | 242  | 253  | 240  | 258  | 272  | 284  | 265  | 285  | 301  | 314  | 265   | 285  | 301  | 314  | 265  | 285  | 301   | 314  |  |  |  |  |
|      | Lo PR   | 59                                   | 63   | 68   | 73   | 62   | 66   | 72   | 77   | 65   | 69   | 75   | 80   | 68   | 72   | 79   | 84   | 71   | 76   | 83   | 88   | 74   | 78   | 86   | 91   | 74    | 78   | 86   | 91   | 74   | 78   | 86    | 91   |  |  |  |  |
|      | MBh     | 56.1                                 | 57.4 | 61.3 | 65.5 | 54.8 | 56.0 | 59.9 | 64.0 | 53.5 | 54.7 | 58.4 | 62.5 | 52.2 | 53.4 | 57.0 | 60.9 | 49.6 | 50.7 | 54.2 | 57.9 | 45.9 | 46.9 | 50.2 | 53.6 | 45.9  | 46.9 | 50.2 | 53.6 | 45.9 | 46.9 | 50.2  | 53.6 |  |  |  |  |
|      | S/T     | 0.83                                 | 0.78 | 0.63 | 0.47 | 0.86 | 0.81 | 0.66 | 0.49 | 0.88 | 0.83 | 0.67 | 0.50 | 0.91 | 0.85 | 0.70 | 0.52 | 0.95 | 0.89 | 0.72 | 0.54 | 0.95 | 0.89 | 0.72 | 0.54 | 0.95  | 0.89 | 0.72 | 0.54 | 0.95 | 0.89 | 0.72  | 0.54 |  |  |  |  |
|      | ΔT      | 25                                   | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 26   | 25   | 21   | 17   | 25   | 24   | 21   | 17   | 24   | 23   | 20   | 16   | 24    | 23   | 20   | 16   | 24   | 23   | 20    | 16   |  |  |  |  |
|      | kW      | 4.01                                 | 4.09 | 4.23 | 4.37 | 4.33 | 4.42 | 4.57 | 4.72 | 4.61 | 4.71 | 4.87 | 5.03 | 4.85 | 4.96 | 5.13 | 5.31 | 5.07 | 5.18 | 5.36 | 5.54 | 5.25 | 5.37 | 5.55 | 5.74 | 5.25  | 5.37 | 5.55 | 5.74 | 5.25 | 5.37 | 5.55  | 5.74 |  |  |  |  |
|      | Amps    | 13.0                                 | 13.3 | 13.7 | 14.2 | 14.0 | 14.3 | 14.8 | 15.3 | 15.2 | 15.6 | 16.1 | 16.7 | 16.2 | 16.6 | 17.2 | 17.8 | 17.3 | 17.7 | 18.3 | 19.0 | 18.3 | 18.7 | 19.4 | 20.1 | 18.3  | 18.7 | 19.4 | 20.1 | 18.3 | 18.7 | 19.4  | 20.1 |  |  |  |  |
|      | Hi PR   | 145                                  | 156  | 165  | 172  | 163  | 175  | 185  | 193  | 185  | 199  | 211  | 220  | 211  | 227  | 240  | 250  | 237  | 255  | 270  | 281  | 262  | 282  | 298  | 311  | 262   | 282  | 298  | 311  | 262  | 282  | 298   | 311  |  |  |  |  |
|      | Lo PR   | 58                                   | 62   | 68   | 72   | 62   | 66   | 72   | 76   | 64   | 68   | 74   | 79   | 67   | 72   | 78   | 83   | 71   | 75   | 82   | 87   | 73   | 78   | 85   | 90   | 73    | 78   | 85   | 90   | 73   | 78   | 85    | 90   |  |  |  |  |
| 1488 | MBh     | 51.8                                 | 52.9 | 56.6 | 60.5 | 50.6 | 51.7 | 55.2 | 59.1 | 49.4 | 50.5 | 53.9 | 57.6 | 48.2 | 49.2 | 52.6 | 56.2 | 45.8 | 46.8 | 50.0 | 53.4 | 42.4 | 43.3 | 46.3 | 49.5 | 42.4  | 43.3 | 46.3 | 49.5 | 42.4 | 43.3 | 46.3  | 49.5 |  |  |  |  |
|      | S/T     | 0.80                                 | 0.75 | 0.61 | 0.46 | 0.83 | 0.78 | 0.63 | 0.47 | 0.85 | 0.80 | 0.65 | 0.49 | 0.88 | 0.82 | 0.67 | 0.50 | 0.91 | 0.86 | 0.70 | 0.52 | 0.92 | 0.86 | 0.70 | 0.52 | 0.92  | 0.86 | 0.70 | 0.52 | 0.92 | 0.86 | 0.70  | 0.52 |  |  |  |  |
|      | ΔT      | 26                                   | 25   | 21   | 17   | 26   | 25   | 22   | 17   | 26   | 25   | 22   | 17   | 26   | 25   | 22   | 17   | 26   | 25   | 22   | 17   | 24   | 23   | 20   | 16   | 24    | 23   | 20   | 16   | 24   | 23   | 20    | 16   |  |  |  |  |
|      | kW      | 3.91                                 | 3.99 | 4.12 | 4.26 | 4.22 | 4.31 | 4.45 | 4.60 | 4.49 | 4.59 | 4.74 | 4.90 | 4.73 | 4.84 | 5.00 | 5.17 | 4.94 | 5.05 | 5.22 | 5.40 | 5.11 | 5.23 | 5.41 | 5.59 | 5.11  | 5.23 | 5.41 | 5.59 | 5.11 | 5.23 | 5.41  | 5.59 |  |  |  |  |
|      | Amps    | 12.6                                 | 12.9 | 13.3 | 13.8 | 13.6 | 13.9 | 14.4 | 14.9 | 14.8 | 15.1 | 15.6 | 16.2 | 15.8 | 16.2 | 16.7 | 17.3 | 16.8 | 17.2 | 17.8 | 18.4 | 17.8 | 18.2 | 18.8 | 19.5 | 17.8  | 18.2 | 18.8 | 19.5 | 17.8 | 18.2 | 18.8  | 19.5 |  |  |  |  |
|      | Hi PR   | 141                                  | 152  | 160  | 167  | 158  | 170  | 180  | 187  | 180  | 193  | 204  | 213  | 205  | 220  | 233  | 243  | 230  | 248  | 262  | 273  | 254  | 274  | 289  | 302  | 254   | 274  | 289  | 302  | 254  | 274  | 289   | 302  |  |  |  |  |
|      | Lo PR   | 57                                   | 60   | 66   | 70   | 60   | 64   | 70   | 74   | 62   | 66   | 72   | 77   | 65   | 70   | 76   | 81   | 68   | 73   | 80   | 85   | 71   | 75   | 82   | 88   | 71    | 75   | 82   | 88   | 71   | 75   | 82    | 88   |  |  |  |  |

|      |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85   | 1913  | MBh   | 58.8 | 60.0 | 62.8 | 67.0 | 57.5 | 58.6 | 61.3 | 65.4 | 56.1 | 57.2 | 59.9 | 63.9 | 54.7 | 55.8 | 58.4 | 62.3 | 52.0 | 53.0 | 55.5 | 59.2 | 48.2 | 49.1 | 51.4 | 54.8 |
|      |       | S/T   | 0.91 | 0.88 | 0.80 | 0.65 | 0.95 | 0.91 | 0.82 | 0.67 | 0.97 | 0.94 | 0.84 | 0.69 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 1.00 | 0.91 | 0.73 | 1.00 | 1.00 | 0.91 | 0.74 |
|      |       | ΔT    | 26   | 25   | 24   | 21   | 26   | 26   | 24   | 21   | 26   | 26   | 24   | 21   | 26   | 26   | 24   | 21   | 25   | 25   | 24   | 21   | 23   | 24   | 23   | 20   |
|      |       | KW    | 4.07 | 4.16 | 4.30 | 4.44 | 4.40 | 4.50 | 4.65 | 4.80 | 4.68 | 4.79 | 4.95 | 5.12 | 4.94 | 5.05 | 5.22 | 5.40 | 5.15 | 5.27 | 5.45 | 5.64 | 5.34 | 5.46 | 5.65 | 5.85 |
|      |       | Amps  | 13.2 | 13.5 | 13.9 | 14.5 | 14.2 | 14.6 | 15.1 | 15.6 | 15.5 | 15.8 | 16.4 | 17.0 | 16.5 | 16.9 | 17.5 | 18.2 | 17.6 | 18.0 | 18.6 | 19.3 | 18.6 | 19.1 | 19.7 | 20.5 |
|      |       | Hi PR | 148  | 159  | 168  | 176  | 166  | 179  | 189  | 197  | 189  | 203  | 215  | 224  | 215  | 232  | 245  | 255  | 242  | 261  | 275  | 287  | 268  | 288  | 304  | 317  |
|      |       | Lo PR | 60   | 63   | 69   | 74   | 63   | 67   | 73   | 78   | 65   | 70   | 76   | 81   | 69   | 73   | 80   | 85   | 72   | 77   | 84   | 89   | 74   | 79   | 86   | 92   |
|      | 1700  | MBh   | 57.1 | 58.2 | 61.0 | 65.0 | 55.8 | 56.9 | 59.6 | 63.5 | 54.5 | 55.5 | 58.1 | 62.0 | 53.1 | 54.2 | 56.7 | 60.5 | 50.5 | 51.4 | 53.9 | 57.5 | 46.7 | 47.7 | 49.9 | 53.2 |
|      |       | S/T   | 0.87 | 0.84 | 0.76 | 0.62 | 0.90 | 0.87 | 0.79 | 0.64 | 0.93 | 0.89 | 0.81 | 0.65 | 0.96 | 0.92 | 0.83 | 0.67 | 0.99 | 0.96 | 0.86 | 0.70 | 1.00 | 0.96 | 0.87 | 0.71 |
|      |       | ΔT    | 27   | 26   | 25   | 22   | 27   | 27   | 25   | 22   | 27   | 27   | 25   | 22   | 27   | 27   | 26   | 22   | 27   | 27   | 25   | 22   | 25   | 25   | 23   | 20   |
|      |       | KW    | 4.04 | 4.13 | 4.26 | 4.40 | 4.36 | 4.46 | 4.61 | 4.76 | 4.65 | 4.75 | 4.91 | 5.08 | 4.90 | 5.01 | 5.18 | 5.35 | 5.11 | 5.23 | 5.40 | 5.59 | 5.29 | 5.41 | 5.60 | 5.80 |
|      |       | Amps  | 13.1 | 13.4 | 13.8 | 14.3 | 14.1 | 14.5 | 14.9 | 15.5 | 15.3 | 15.7 | 16.2 | 16.8 | 16.4 | 16.8 | 17.3 | 18.0 | 17.4 | 17.9 | 18.5 | 19.2 | 18.5 | 18.9 | 19.6 | 20.3 |
|      |       | Hi PR | 147  | 158  | 167  | 174  | 165  | 177  | 187  | 195  | 187  | 201  | 213  | 222  | 213  | 229  | 242  | 253  | 240  | 258  | 272  | 284  | 265  | 285  | 301  | 314  |
|      |       | Lo PR | 59   | 63   | 68   | 73   | 62   | 66   | 72   | 77   | 65   | 69   | 75   | 80   | 68   | 72   | 79   | 84   | 71   | 76   | 83   | 88   | 74   | 78   | 86   | 91   |
| 1488 | MBh   | 52.7  | 53.7 | 56.3 | 60.0 | 51.5 | 52.5 | 55.0 | 58.6 | 50.3 | 51.2 | 53.7 | 57.2 | 49.0 | 50.0 | 52.3 | 55.8 | 46.6 | 47.5 | 49.7 | 53.1 | 43.1 | 44.0 | 46.1 | 49.1 |      |
|      | S/T   | 0.84  | 0.81 | 0.73 | 0.59 | 0.87 | 0.84 | 0.76 | 0.61 | 0.89 | 0.86 | 0.78 | 0.63 | 0.92 | 0.89 | 0.80 | 0.65 | 0.96 | 0.92 | 0.83 | 0.68 | 0.96 | 0.93 | 0.84 | 0.68 |      |
|      | ΔT    | 27    | 27   | 25   | 22   | 28   | 27   | 26   | 22   | 28   | 27   | 26   | 22   | 28   | 27   | 26   | 22   | 28   | 27   | 26   | 22   | 26   | 25   | 24   | 21   |      |
|      | KW    | 3.94  | 4.03 | 4.16 | 4.29 | 4.25 | 4.35 | 4.49 | 4.64 | 4.53 | 4.63 | 4.78 | 4.95 | 4.77 | 4.88 | 5.04 | 5.22 | 4.98 | 5.09 | 5.26 | 5.45 | 5.16 | 5.27 | 5.45 | 5.64 |      |
|      | Amps  | 12.7  | 13.0 | 13.4 | 13.9 | 13.7 | 14.1 | 14.5 | 15.1 | 14.9 | 15.3 | 15.8 | 16.4 | 15.9 | 16.3 | 16.9 | 17.5 | 16.9 | 17.4 | 17.9 | 18.6 | 18.0 | 18.4 | 19.0 | 19.7 |      |
|      | Hi PR | 142   | 153  | 162  | 169  | 160  | 172  | 181  | 189  | 182  | 195  | 206  | 215  | 207  | 222  | 235  | 245  | 233  | 250  | 264  | 276  | 257  | 277  | 292  | 305  |      |
|      | Lo PR | 57    | 61   | 66   | 71   | 60   | 64   | 70   | 75   | 63   | 67   | 73   | 78   | 66   | 70   | 77   | 82   | 69   | 74   | 80   | 86   | 72   | 76   | 83   | 88   |      |

# EXPANDED COOLING DATA — GSC130603B\* / CA\*F4961\*6A\*

|      |         | Outdoor Ambient Temperature |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |       |      |      |    |
|------|---------|-----------------------------|------|------|----|------|------|------|----|------|------|------|----|------|------|------|----|-------|------|------|----|-------|------|------|----|
|      |         | 65°F                        |      |      |    | 75°F |      |      |    | 85°F |      |      |    | 95°F |      |      |    | 105°F |      |      |    | 115°F |      |      |    |
| IDB  | Airflow | 59                          | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59    | 63   | 67   | 71 | 59    | 63   | 67   | 71 |
| 70   | MBh     | 50.1                        | 51.9 | 56.8 | -  | 48.9 | 50.7 | 55.5 | -  | 47.7 | 49.5 | 54.2 | -  | 46.6 | 48.3 | 52.9 | -  | 44.2  | 45.8 | 50.2 | -  | 41.0  | 42.5 | 46.5 | -  |
|      | S/T     | 0.67                        | 0.56 | 0.39 | -  | 0.70 | 0.58 | 0.40 | -  | 0.72 | 0.60 | 0.41 | -  | 0.74 | 0.62 | 0.43 | -  | 0.77  | 0.64 | 0.44 | -  | 0.77  | 0.65 | 0.45 | -  |
|      | DT      | 19                          | 17   | 13   | -  | 20   | 17   | 13   | -  | 20   | 17   | 13   | -  | 20   | 17   | 13   | -  | 20    | 17   | 13   | -  | 18    | 16   | 12   | -  |
|      | kW      | 3.79                        | 3.86 | 3.98 | -  | 4.06 | 4.15 | 4.27 | -  | 4.31 | 4.40 | 4.53 | -  | 4.52 | 4.61 | 4.76 | -  | 4.70  | 4.80 | 4.95 | -  | 4.86  | 4.96 | 5.12 | -  |
|      | Amps    | 9.5                         | 9.7  | 10.0 | -  | 10.3 | 10.5 | 10.8 | -  | 11.1 | 11.4 | 11.7 | -  | 11.8 | 12.1 | 12.5 | -  | 12.6  | 12.9 | 13.3 | -  | 13.3  | 13.6 | 14.1 | -  |
|      | Hi PR   | 141                         | 152  | 160  | -  | 158  | 170  | 180  | -  | 180  | 194  | 205  | -  | 205  | 221  | 233  | -  | 231   | 248  | 262  | -  | 255   | 274  | 290  | -  |
|      | Lo PR   | 60                          | 63   | 69   | -  | 63   | 67   | 73   | -  | 66   | 70   | 76   | -  | 69   | 73   | 80   | -  | 72    | 77   | 84   | -  | 75    | 79   | 87   | -  |
|      | MBh     | 54.2                        | 56.2 | 61.6 | -  | 53.0 | 54.9 | 60.1 | -  | 51.7 | 53.6 | 58.7 | -  | 50.4 | 52.3 | 57.3 | -  | 47.9  | 49.7 | 54.4 | -  | 44.4  | 46.0 | 50.4 | -  |
|      | S/T     | 0.70                        | 0.58 | 0.40 | -  | 0.72 | 0.61 | 0.42 | -  | 0.74 | 0.62 | 0.43 | -  | 0.77 | 0.64 | 0.44 | -  | 0.80  | 0.66 | 0.46 | -  | 0.80  | 0.67 | 0.46 | -  |
|      | DT      | 18                          | 16   | 12   | -  | 19   | 16   | 12   | -  | 19   | 16   | 12   | -  | 19   | 16   | 12   | -  | 18    | 16   | 12   | -  | 17    | 15   | 11   | -  |
|      | kW      | 3.88                        | 3.95 | 4.07 | -  | 4.16 | 4.24 | 4.37 | -  | 4.41 | 4.50 | 4.64 | -  | 4.63 | 4.73 | 4.88 | -  | 4.82  | 4.92 | 5.08 | -  | 4.98  | 5.09 | 5.25 | -  |
|      | Amps    | 9.8                         | 10.0 | 10.3 | -  | 10.5 | 10.8 | 11.1 | -  | 11.4 | 11.7 | 12.1 | -  | 12.2 | 12.5 | 12.9 | -  | 12.9  | 13.2 | 13.7 | -  | 13.7  | 14.0 | 14.5 | -  |
| 2000 | Hi PR   | 146                         | 157  | 165  | -  | 163  | 176  | 186  | -  | 186  | 200  | 211  | -  | 212  | 228  | 240  | -  | 238   | 256  | 270  | -  | 263   | 283  | 299  | -  |
|      | Lo PR   | 62                          | 65   | 71   | -  | 65   | 69   | 75   | -  | 68   | 72   | 78   | -  | 71   | 75   | 82   | -  | 74    | 79   | 86   | -  | 77    | 82   | 89   | -  |
|      | MBh     | 54.8                        | 56.8 | 62.2 | -  | 53.5 | 55.4 | 60.8 | -  | 52.2 | 54.1 | 59.3 | -  | 50.9 | 52.8 | 57.9 | -  | 48.4  | 50.2 | 55.0 | -  | 44.8  | 46.5 | 50.9 | -  |
|      | S/T     | 0.71                        | 0.60 | 0.41 | -  | 0.74 | 0.62 | 0.43 | -  | 0.76 | 0.63 | 0.44 | -  | 0.78 | 0.65 | 0.45 | -  | 0.81  | 0.68 | 0.47 | -  | 0.82  | 0.68 | 0.47 | -  |
|      | DT      | 18                          | 16   | 12   | -  | 18   | 16   | 12   | -  | 18   | 16   | 12   | -  | 18   | 16   | 12   | -  | 18    | 16   | 12   | -  | 17    | 15   | 11   | -  |
|      | kW      | 3.89                        | 3.96 | 4.08 | -  | 4.17 | 4.25 | 4.39 | -  | 4.42 | 4.51 | 4.65 | -  | 4.64 | 4.74 | 4.89 | -  | 4.83  | 4.93 | 5.09 | -  | 4.99  | 5.10 | 5.26 | -  |
|      | Amps    | 9.8                         | 10.0 | 10.3 | -  | 10.6 | 10.8 | 11.1 | -  | 11.4 | 11.7 | 12.1 | -  | 12.2 | 12.5 | 12.9 | -  | 13.0  | 13.3 | 13.7 | -  | 13.7  | 14.0 | 14.5 | -  |
|      | Hi PR   | 146                         | 157  | 166  | -  | 164  | 176  | 186  | -  | 186  | 200  | 212  | -  | 212  | 228  | 241  | -  | 239   | 257  | 271  | -  | 264   | 284  | 300  | -  |
|      | Lo PR   | 62                          | 66   | 72   | -  | 65   | 69   | 76   | -  | 68   | 72   | 79   | -  | 71   | 76   | 83   | -  | 75    | 79   | 87   | -  | 77    | 82   | 90   | -  |

|      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1600 | MBh   | 50.9 | 52.4 | 56.7 | 60.9 | 49.7 | 51.2 | 55.4 | 59.5 | 48.5 | 50.0 | 54.1 | 58.1 | 47.3 | 48.8 | 52.8 | 56.6 | 45.0 | 46.3 | 50.1 | 53.8 | 41.7 | 42.9 | 46.4 | 49.8 |
|      | S/T   | 0.77 | 0.69 | 0.52 | 0.33 | 0.79 | 0.71 | 0.54 | 0.35 | 0.81 | 0.73 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.88 | 0.79 | 0.60 | 0.38 |
|      | DT    | 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    | 3.82 | 3.89 | 4.01 | 4.13 | 4.10 | 4.18 | 4.31 | 4.44 | 4.34 | 4.43 | 4.57 | 4.71 | 4.56 | 4.65 | 4.80 | 4.95 | 4.74 | 4.84 | 4.99 | 5.16 | 4.90 | 5.00 | 5.16 | 5.33 |
|      | Amps  | 9.6  | 9.8  | 10.1 | 10.5 | 10.3 | 10.6 | 10.9 | 11.3 | 11.2 | 11.5 | 11.8 | 12.3 | 12.0 | 12.2 | 12.6 | 13.1 | 12.7 | 13.0 | 13.4 | 13.9 | 13.4 | 13.8 | 14.2 | 14.7 |
|      | Hi PR | 143  | 153  | 162  | 169  | 160  | 172  | 182  | 190  | 182  | 196  | 207  | 216  | 207  | 223  | 236  | 246  | 233  | 251  | 265  | 276  | 258  | 277  | 293  | 305  |
|      | Lo PR | 60   | 64   | 70   | 75   | 64   | 68   | 74   | 79   | 66   | 70   | 77   | 82   | 70   | 74   | 81   | 86   | 73   | 78   | 85   | 90   | 75   | 80   | 88   | 93   |
|      | MBh   | 55.1 | 56.8 | 61.5 | 66.0 | 53.9 | 55.5 | 60.0 | 64.4 | 52.6 | 54.1 | 58.6 | 62.9 | 51.3 | 52.8 | 57.2 | 61.4 | 48.7 | 50.2 | 54.3 | 58.3 | 45.1 | 46.5 | 50.3 | 54.0 |
|      | S/T   | 0.79 | 0.71 | 0.54 | 0.35 | 0.82 | 0.74 | 0.56 | 0.36 | 0.84 | 0.76 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.91 | 0.82 | 0.62 | 0.40 |
|      | DT    | 21   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 20   | 18   | 15   | 10   |
|      | kW    | 3.91 | 3.99 | 4.10 | 4.23 | 4.19 | 4.28 | 4.41 | 4.55 | 4.44 | 4.54 | 4.68 | 4.83 | 4.67 | 4.77 | 4.92 | 5.07 | 4.86 | 4.96 | 5.12 | 5.28 | 5.02 | 5.13 | 5.29 | 5.47 |
| 75   | Amps  | 9.9  | 10.1 | 10.4 | 10.8 | 10.6 | 10.9 | 11.2 | 11.6 | 11.5 | 11.8 | 12.2 | 12.6 | 12.3 | 12.6 | 13.0 | 13.5 | 13.0 | 13.4 | 13.8 | 14.3 | 13.8 | 14.1 | 14.6 | 15.2 |
|      | Hi PR | 147  | 158  | 167  | 174  | 165  | 178  | 187  | 196  | 188  | 202  | 213  | 222  | 214  | 230  | 243  | 253  | 240  | 259  | 273  | 285  | 266  | 286  | 302  | 315  |
|      | Lo PR | 62   | 66   | 72   | 77   | 66   | 70   | 76   | 81   | 68   | 73   | 79   | 84   | 72   | 76   | 83   | 89   | 75   | 80   | 87   | 93   | 78   | 83   | 90   | 96   |
|      | MBh   | 55.7 | 57.3 | 62.1 | 66.6 | 54.4 | 56.0 | 60.6 | 65.1 | 53.1 | 54.7 | 59.2 | 63.5 | 51.8 | 53.3 | 57.7 | 62.0 | 49.2 | 50.7 | 54.9 | 58.9 | 45.6 | 46.9 | 50.8 | 54.5 |
|      | S/T   | 0.81 | 0.73 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.37 | 0.86 | 0.77 | 0.58 | 0.38 | 0.89 | 0.80 | 0.60 | 0.39 | 0.92 | 0.83 | 0.62 | 0.40 | 0.93 | 0.83 | 0.63 | 0.41 |
|      | DT    | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 19   | 16   | 11   | 20   | 18   | 15   | 10   |
|      | kW    | 3.92 | 3.99 | 4.11 | 4.24 | 4.20 | 4.29 | 4.42 | 4.56 | 4.45 | 4.55 | 4.69 | 4.84 | 4.68 | 4.78 | 4.93 | 5.09 | 4.87 | 4.97 | 5.13 | 5.30 | 5.03 | 5.14 | 5.31 | 5.48 |
|      | Amps  | 9.9  | 10.1 | 10.4 | 10.8 | 10.7 | 10.9 | 11.2 | 11.7 | 11.5 | 11.8 | 12.2 | 12.6 | 12.3 | 12.6 | 13.0 | 13.5 | 13.1 | 13.4 | 13.8 | 14.4 | 13.8 | 14.2 | 14.6 | 15.2 |
|      | Hi PR | 147  | 159  | 168  | 175  | 165  | 178  | 188  | 196  | 188  | 203  | 214  | 223  | 214  | 231  | 244  | 254  | 241  | 259  | 274  | 286  | 266  | 287  | 303  | 316  |
|      | Lo PR | 62   | 66   | 72   | 77   | 66   | 70   | 76   | 81   | 68   | 73   | 80   | 85   | 72   | 76   | 84   | 89   | 75   | 80   | 88   | 93   | 78   | 83   | 91   | 96   |

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

# EXPANDED COOLING DATA — GSC130603B\* / CA\*F4961\*6A\* (CONT.)

|      |         | Outdoor Ambient Temperature          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|------|---------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|
|      |         | 65°F                                 |      |      |      |      |      |      |      | 75°F |      |      |      |      |      |      |      | 85°F |      |      |      |      |      |      |      | 95°F |      |      |      |      |      |      |      | 105°F |  |  |  |  |  |  |  | 115°F |  |  |  |  |  |  |  |
|      |         | Entering Indoor Wet Bulb Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| IDB  | Airflow | 59                                   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| 80   |         | MBh                                  | 51.8 | 52.9 | 56.6 | 60.5 | 50.6 | 51.7 | 55.2 | 59.1 | 49.4 | 50.5 | 53.9 | 57.6 | 48.2 | 49.2 | 52.6 | 56.2 | 45.8 | 46.8 | 50.0 | 53.4 | 42.4 | 43.3 | 46.3 | 49.5 | 42.4 | 43.3 | 46.3 | 49.5 | 42.4 | 43.3 | 46.3 | 49.5  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | S/T                                  | 0.84 | 0.79 | 0.64 | 0.48 | 0.87 | 0.82 | 0.67 | 0.50 | 0.89 | 0.84 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 0.97 | 0.91 | 0.74 | 0.55 | 0.97 | 0.91 | 0.74 | 0.55 | 0.97 | 0.91 | 0.74 | 0.55  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | DT                                   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16    |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | 1600    | kW                                   | 3.85 | 3.92 | 4.04 | 4.16 | 4.13 | 4.21 | 4.34 | 4.48 | 4.37 | 4.47 | 4.60 | 4.75 | 4.59 | 4.69 | 4.84 | 4.99 | 4.78 | 4.88 | 5.03 | 5.20 | 4.94 | 5.04 | 5.21 | 5.38 | 4.94 | 5.04 | 5.21 | 5.38 | 4.94 | 5.04 | 5.21 | 5.38  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | Amps                                 | 9.7  | 9.9  | 10.2 | 10.6 | 10.4 | 10.7 | 11.0 | 11.4 | 11.3 | 11.6 | 11.9 | 12.4 | 12.1 | 12.3 | 12.7 | 13.2 | 12.8 | 13.1 | 13.5 | 14.0 | 13.6 | 13.9 | 14.3 | 14.9 | 13.6 | 13.9 | 14.3 | 14.9 | 13.6 | 13.9 | 14.3 | 14.9  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | Hi PR                                | 144  | 155  | 164  | 171  | 162  | 174  | 184  | 192  | 184  | 198  | 209  | 218  | 209  | 225  | 238  | 248  | 236  | 253  | 268  | 279  | 260  | 280  | 296  | 308  | 260  | 280  | 296  | 308  | 260  | 280  | 296  | 308   |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | Lo PR                                | 61   | 65   | 71   | 75   | 64   | 68   | 75   | 80   | 67   | 71   | 78   | 83   | 70   | 75   | 82   | 87   | 74   | 78   | 85   | 91   | 76   | 81   | 88   | 94   | 76   | 81   | 88   | 94   | 76   | 81   | 88   | 94    |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | MBh                                  | 56.1 | 57.4 | 61.3 | 65.5 | 54.8 | 56.0 | 59.9 | 64.0 | 53.5 | 54.7 | 58.4 | 62.5 | 52.2 | 53.4 | 57.0 | 60.9 | 49.6 | 50.7 | 54.2 | 57.9 | 45.9 | 46.9 | 50.2 | 53.6 | 45.9 | 46.9 | 50.2 | 53.6 | 45.9 | 46.9 | 50.2 | 53.6  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | S/T                                  | 0.87 | 0.82 | 0.67 | 0.50 | 0.90 | 0.85 | 0.69 | 0.52 | 0.93 | 0.87 | 0.71 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 0.99 | 0.93 | 0.76 | 0.57 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.94 | 0.76 | 0.57  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | DT                                   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 22   | 21   | 19   | 15   | 22   | 21   | 19   | 15   | 22   | 21   | 19   | 15    |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | kW      | 3.94                                 | 4.02 | 4.14 | 4.26 | 4.22 | 4.31 | 4.44 | 4.58 | 4.48 | 4.57 | 4.72 | 4.87 | 4.70 | 4.80 | 4.96 | 5.12 | 4.90 | 5.00 | 5.16 | 5.33 | 5.06 | 5.17 | 5.34 | 5.51 | 5.06 | 5.17 | 5.34 | 5.51 | 5.06 | 5.17 | 5.34 | 5.51 |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| 1900 | Amps    | 9.9                                  | 10.2 | 10.5 | 10.9 | 10.7 | 11.0 | 11.3 | 11.7 | 11.6 | 11.9 | 12.3 | 12.7 | 12.4 | 12.7 | 13.1 | 13.6 | 13.2 | 13.5 | 13.9 | 14.4 | 13.9 | 14.3 | 14.7 | 15.3 | 13.9 | 14.3 | 14.7 | 15.3 | 13.9 | 14.3 | 14.7 | 15.3 |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Hi PR   | 149                                  | 160  | 169  | 176  | 167  | 179  | 189  | 198  | 190  | 204  | 215  | 225  | 216  | 232  | 245  | 256  | 243  | 261  | 276  | 288  | 268  | 289  | 305  | 318  | 268  | 289  | 305  | 318  | 268  | 289  | 305  | 318  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      | Lo PR   | 63                                   | 67   | 73   | 78   | 66   | 71   | 77   | 82   | 69   | 73   | 80   | 85   | 72   | 77   | 84   | 90   | 76   | 81   | 88   | 94   | 78   | 84   | 91   | 97   | 78   | 84   | 91   | 97   | 78   | 84   | 91   | 97   |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| 2000 |         | MBh                                  | 56.7 | 57.9 | 61.9 | 66.2 | 55.4 | 56.6 | 60.4 | 64.6 | 54.1 | 55.2 | 59.0 | 63.1 | 52.7 | 53.9 | 57.6 | 61.5 | 50.1 | 51.2 | 54.7 | 58.5 | 46.4 | 47.4 | 50.7 | 54.2 | 46.4 | 47.4 | 50.7 | 54.2 | 46.4 | 47.4 | 50.7 | 54.2  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | S/T                                  | 0.89 | 0.83 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.53 | 0.94 | 0.89 | 0.72 | 0.54 | 0.98 | 0.91 | 0.74 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 0.96 | 0.78 | 0.58  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | DT                                   | 23   | 22   | 19   | 15   | 23   | 22   | 20   | 16   | 23   | 22   | 20   | 16   | 24   | 23   | 20   | 16   | 23   | 22   | 19   | 16   | 21   | 21   | 18   | 14   | 21   | 21   | 18   | 14   | 21   | 21   | 18   | 14    |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | kW                                   | 3.95 | 4.02 | 4.15 | 4.27 | 4.23 | 4.32 | 4.46 | 4.59 | 4.49 | 4.58 | 4.73 | 4.88 | 4.72 | 4.82 | 4.97 | 5.13 | 4.91 | 5.01 | 5.17 | 5.34 | 5.07 | 5.18 | 5.35 | 5.53 | 5.07 | 5.18 | 5.35 | 5.53 | 5.07 | 5.18 | 5.35 | 5.53  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | Amps                                 | 10.0 | 10.2 | 10.5 | 10.9 | 10.7 | 11.0 | 11.3 | 11.8 | 11.6 | 11.9 | 12.3 | 12.8 | 12.4 | 12.7 | 13.1 | 13.6 | 13.2 | 13.5 | 14.0 | 14.5 | 14.0 | 14.3 | 14.8 | 15.3 | 14.0 | 14.3 | 14.8 | 15.3 | 14.0 | 14.3 | 14.8 | 15.3  |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | Hi PR                                | 149  | 160  | 169  | 177  | 167  | 180  | 190  | 198  | 190  | 205  | 216  | 225  | 217  | 233  | 246  | 257  | 244  | 262  | 277  | 289  | 269  | 290  | 306  | 319  | 269  | 290  | 306  | 319  | 269  | 290  | 306  | 319   |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|      |         | Lo PR                                | 63   | 67   | 73   | 78   | 67   | 71   | 77   | 82   | 69   | 74   | 80   | 86   | 73   | 77   | 84   | 90   | 76   | 81   | 88   | 94   | 79   | 84   | 91   | 97   | 79   | 84   | 91   | 97   | 79   | 84   | 91   | 97    |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |

|      |                                                                               |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                                      |      |      |      |      |      |
|------|-------------------------------------------------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------|------|------|------|------|------|
| 85   | 1600                                                                          | MBh   | 52.7 | 53.7 | 56.3 | 60.0 | 51.5 | 52.5 | 55.0 | 58.6 | 50.3 | 51.2 | 53.7 | 57.2 | 49.0 | 50.0 | 52.3 | 55.8 | 46.6 | 47.5 | 49.7                                 | 53.1 | 43.1 | 44.0 | 46.1 | 49.1 |
|      |                                                                               | S/T   | 0.88 | 0.85 | 0.77 | 0.62 | 0.91 | 0.88 | 0.80 | 0.65 | 0.94 | 0.90 | 0.82 | 0.66 | 0.97 | 0.93 | 0.84 | 0.68 | 1.00 | 0.97 | 0.87                                 | 0.71 | 1.00 | 0.98 | 0.88 | 0.71 |
|      |                                                                               | DT    | 27   | 26   | 25   | 21   | 27   | 27   | 25   | 22   | 27   | 27   | 25   | 22   | 27   | 27   | 25   | 22   | 27   | 26   | 25                                   | 22   | 25   | 25   | 23   | 20   |
|      |                                                                               | kW    | 3.88 | 3.95 | 4.07 | 4.20 | 4.16 | 4.24 | 4.37 | 4.51 | 4.41 | 4.50 | 4.64 | 4.79 | 4.63 | 4.73 | 4.88 | 5.03 | 4.82 | 4.92 | 5.08                                 | 5.24 | 4.98 | 5.08 | 5.25 | 5.42 |
|      |                                                                               | Amps  | 9.8  | 10.0 | 10.3 | 10.7 | 10.5 | 10.8 | 11.1 | 11.5 | 11.4 | 11.7 | 12.1 | 12.5 | 12.2 | 12.5 | 12.9 | 13.3 | 12.9 | 13.2 | 13.7                                 | 14.2 | 13.7 | 14.0 | 14.5 | 15.0 |
|      |                                                                               | Hi PR | 145  | 157  | 165  | 172  | 163  | 176  | 186  | 194  | 186  | 200  | 211  | 220  | 211  | 228  | 240  | 251  | 238  | 256  | 270                                  | 282  | 263  | 283  | 299  | 312  |
|      | Lo PR                                                                         | 62    | 65   | 71   | 76   | 65   | 69   | 75   | 80   | 68   | 72   | 78   | 84   | 71   | 75   | 82   | 88   | 74   | 79   | 86   | 92                                   | 77   | 82   | 89   | 95   |      |
|      | 1900                                                                          | MBh   | 57.1 | 58.2 | 61.0 | 65.0 | 55.8 | 56.9 | 59.6 | 63.5 | 54.5 | 55.5 | 58.1 | 62.0 | 53.1 | 54.2 | 56.7 | 60.5 | 50.5 | 51.4 | 53.9                                 | 57.5 | 46.7 | 47.7 | 49.9 | 53.2 |
|      |                                                                               | S/T   | 0.91 | 0.88 | 0.80 | 0.65 | 0.95 | 0.91 | 0.82 | 0.67 | 0.97 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 1.00 | 0.91                                 | 0.74 | 1.00 | 1.00 | 0.91 | 0.74 |
|      |                                                                               | DT    | 25   | 25   | 23   | 20   | 26   | 25   | 24   | 21   | 26   | 25   | 24   | 21   | 26   | 25   | 24   | 21   | 24   | 25   | 24                                   | 20   | 23   | 23   | 22   | 19   |
|      |                                                                               | kW    | 3.97 | 4.05 | 4.17 | 4.30 | 4.26 | 4.35 | 4.48 | 4.62 | 4.51 | 4.61 | 4.75 | 4.91 | 4.74 | 4.84 | 5.00 | 5.16 | 4.94 | 5.04 | 5.20                                 | 5.37 | 5.10 | 5.21 | 5.38 | 5.56 |
|      |                                                                               | Amps  | 10.0 | 10.3 | 10.6 | 11.0 | 10.8 | 11.1 | 11.4 | 11.8 | 11.7 | 12.0 | 12.4 | 12.8 | 12.5 | 12.8 | 13.2 | 13.7 | 13.3 | 13.6 | 14.1                                 | 14.6 | 14.1 | 14.4 | 14.9 | 15.4 |
|      |                                                                               | Hi PR | 150  | 161  | 170  | 178  | 168  | 181  | 191  | 199  | 191  | 206  | 218  | 227  | 218  | 235  | 248  | 258  | 245  | 264  | 279                                  | 291  | 271  | 292  | 308  | 321  |
|      | 2000                                                                          | Lo PR | 63   | 67   | 74   | 78   | 67   | 71   | 78   | 83   | 70   | 74   | 81   | 86   | 73   | 78   | 85   | 90   | 77   | 82   | 89                                   | 95   | 79   | 84   | 92   | 98   |
|      |                                                                               | MBh   | 57.7 | 58.8 | 61.6 | 65.7 | 56.3 | 57.4 | 60.1 | 64.2 | 55.0 | 56.1 | 58.7 | 62.6 | 53.7 | 54.7 | 57.3 | 61.1 | 51.0 | 52.0 | 54.4                                 | 58.1 | 47.2 | 48.1 | 50.4 | 53.8 |
| S/T  |                                                                               | 0.93  | 0.90 | 0.81 | 0.66 | 0.97 | 0.93 | 0.84 | 0.68 | 0.99 | 0.96 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75                                 | 1.00 | 1.00 | 0.93 | 0.76 |      |
| DT   |                                                                               | 25    | 24   | 23   | 20   | 25   | 25   | 23   | 20   | 25   | 25   | 23   | 20   | 25   | 25   | 23   | 20   | 23   | 24   | 23   | 20                                   | 22   | 22   | 22   | 19   |      |
| kW   |                                                                               | 3.98  | 4.06 | 4.18 | 4.31 | 4.27 | 4.36 | 4.49 | 4.63 | 4.53 | 4.62 | 4.77 | 4.92 | 4.75 | 4.85 | 5.01 | 5.17 | 4.95 | 5.05 | 5.22 | 5.39                                 | 5.11 | 5.22 | 5.39 | 5.57 |      |
| Amps |                                                                               | 10.1  | 10.3 | 10.6 | 11.0 | 10.8 | 11.1 | 11.4 | 11.9 | 11.7 | 12.0 | 12.4 | 12.9 | 12.5 | 12.8 | 13.3 | 13.7 | 13.3 | 13.6 | 14.1 | 14.6                                 | 14.1 | 14.4 | 14.9 | 15.5 |      |
| 2000 | Hi PR                                                                         | 150   | 162  | 171  | 178  | 169  | 182  | 192  | 200  | 192  | 207  | 218  | 228  | 219  | 235  | 248  | 259  | 246  | 265  | 280  | 292                                  | 272  | 293  | 309  | 322  |      |
|      | Lo PR                                                                         | 64    | 68   | 74   | 79   | 67   | 71   | 78   | 83   | 70   | 74   | 81   | 86   | 73   | 78   | 85   | 91   | 77   | 82   | 89   | 95                                   | 80   | 85   | 92   | 98   |      |
|      | Shaded area reflects AHRI (TVA) conditions                                    |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Amps = outdoor unit amps (comp.+fan) |      |      |      |      |      |
|      | DB: Entering Indoor Dry Bulb Temperature                                      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | kW = Total system power              |      |      |      |      |      |
|      | High and low pressures are measured at the liquid and suction service valves. |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                                      |      |      |      |      |      |
|      |                                                                               |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                                      |      |      |      |      |      |

# EXPANDED COOLING DATA — GSC130604A\* & CA\*F061\*2\* / CA\*F4860\*6A\*

|      |         | Outdoor Ambient Temperature          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |   |  |       |  |  |  |  |  |
|------|---------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|---|--|-------|--|--|--|--|--|
|      |         | 65°F                                 |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |      |      |   |  | 115°F |  |  |  |  |  |
|      |         | Entering Indoor Wet Bulb Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |   |  |       |  |  |  |  |  |
| IDB  | Airflow | 59                                   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   |   |  |       |  |  |  |  |  |
| 70   |         | MBh                                  | 55.9 | 57.9 | 63.4 | -    | 54.6 | 56.5 | 62.0 | -    | 53.3 | 55.2 | 60.5 | -    | 52.0 | 53.9 | 59.0 | -    | 49.4 | 51.2 | 56.1 | -    | 45.7 | 47.4 | 51.9 | -     | 45.7 | 47.4 | 51.9 | - |  |       |  |  |  |  |  |
|      |         | S/T                                  | 0.73 | 0.61 | 0.42 | -    | 0.75 | 0.63 | 0.43 | -    | 0.77 | 0.64 | 0.45 | -    | 0.80 | 0.66 | 0.46 | -    | 0.83 | 0.69 | 0.48 | -    | 0.83 | 0.70 | 0.48 | -     | 0.83 | 0.70 | 0.48 | - |  |       |  |  |  |  |  |
|      |         | ΔT                                   | 19   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 18   | 16   | 12   | -     | 18   | 16   | 12   | - |  |       |  |  |  |  |  |
|      | 1913    | kW                                   | 3.72 | 3.81 | 3.95 | -    | 4.05 | 4.15 | 4.31 | -    | 4.35 | 4.46 | 4.62 | -    | 4.61 | 4.72 | 4.90 | -    | 4.83 | 4.95 | 5.13 | -    | 5.02 | 5.15 | 5.34 | -     | 5.02 | 5.15 | 5.34 | - |  |       |  |  |  |  |  |
|      |         | Amps                                 | 13.6 | 14.0 | 14.4 | -    | 14.7 | 15.1 | 15.6 | -    | 16.0 | 16.4 | 16.9 | -    | 17.1 | 17.5 | 18.1 | -    | 18.2 | 18.6 | 19.3 | -    | 19.3 | 19.7 | 20.4 | -     | 19.3 | 19.7 | 20.4 | - |  |       |  |  |  |  |  |
|      |         | Hi PR                                | 146  | 157  | 166  | -    | 163  | 176  | 186  | -    | 186  | 200  | 211  | -    | 212  | 228  | 241  | -    | 238  | 256  | 271  | -    | 263  | 283  | 299  | -     | 263  | 283  | 299  | - |  |       |  |  |  |  |  |
|      |         | Lo PR                                | 59   | 63   | 69   | -    | 63   | 67   | 73   | -    | 65   | 69   | 76   | -    | 69   | 73   | 80   | -    | 72   | 76   | 83   | -    | 74   | 79   | 86   | -     | 74   | 79   | 86   | - |  |       |  |  |  |  |  |
|      |         | MBh                                  | 54.2 | 56.2 | 61.6 | -    | 53.0 | 54.9 | 60.1 | -    | 51.7 | 53.6 | 58.7 | -    | 50.4 | 52.3 | 57.3 | -    | 47.9 | 49.7 | 54.4 | -    | 44.4 | 46.0 | 50.4 | -     | 44.4 | 46.0 | 50.4 | - |  |       |  |  |  |  |  |
|      |         | S/T                                  | 0.69 | 0.58 | 0.40 | -    | 0.72 | 0.60 | 0.41 | -    | 0.74 | 0.61 | 0.43 | -    | 0.76 | 0.63 | 0.44 | -    | 0.79 | 0.66 | 0.46 | -    | 0.79 | 0.66 | 0.46 | -     | 0.79 | 0.66 | 0.46 | - |  |       |  |  |  |  |  |
|      |         | ΔT                                   | 20   | 18   | 13   | -    | 21   | 18   | 13   | -    | 21   | 18   | 14   | -    | 21   | 18   | 14   | -    | 20   | 18   | 13   | -    | 19   | 17   | 13   | -     | 19   | 17   | 13   | - |  |       |  |  |  |  |  |
|      | 1700    | kW                                   | 3.69 | 3.78 | 3.91 | -    | 4.02 | 4.12 | 4.27 | -    | 4.31 | 4.41 | 4.58 | -    | 4.56 | 4.68 | 4.85 | -    | 4.78 | 4.90 | 5.09 | -    | 4.97 | 5.10 | 5.29 | -     | 4.97 | 5.10 | 5.29 | - |  |       |  |  |  |  |  |
|      | Amps    | 13.5                                 | 13.8 | 14.3 | -    | 14.6 | 14.9 | 15.4 | -    | 15.9 | 16.2 | 16.8 | -    | 16.9 | 17.4 | 17.9 | -    | 18.0 | 18.5 | 19.1 | -    | 19.1 | 19.6 | 20.2 | -    | 19.1  | 19.6 | 20.2 | -    |   |  |       |  |  |  |  |  |
|      | Hi PR   | 144                                  | 155  | 164  | -    | 162  | 174  | 184  | -    | 184  | 198  | 209  | -    | 210  | 226  | 238  | -    | 236  | 254  | 268  | -    | 261  | 280  | 296  | -    | 261   | 280  | 296  | -    |   |  |       |  |  |  |  |  |
|      | Lo PR   | 59                                   | 63   | 68   | -    | 62   | 66   | 72   | -    | 65   | 69   | 75   | -    | 68   | 72   | 79   | -    | 71   | 76   | 83   | -    | 74   | 78   | 85   | -    | 74    | 78   | 85   | -    |   |  |       |  |  |  |  |  |
| 1488 |         | MBh                                  | 50.1 | 51.9 | 56.8 | -    | 48.9 | 50.7 | 55.5 | -    | 47.7 | 49.5 | 54.2 | -    | 46.6 | 48.3 | 52.9 | -    | 44.2 | 45.8 | 50.2 | -    | 41.0 | 42.5 | 46.5 | -     | 41.0 | 42.5 | 46.5 | - |  |       |  |  |  |  |  |
|      |         | S/T                                  | 0.67 | 0.56 | 0.39 | -    | 0.69 | 0.58 | 0.40 | -    | 0.71 | 0.59 | 0.41 | -    | 0.73 | 0.61 | 0.42 | -    | 0.76 | 0.63 | 0.44 | -    | 0.77 | 0.64 | 0.44 | -     | 0.77 | 0.64 | 0.44 | - |  |       |  |  |  |  |  |
|      |         | ΔT                                   | 21   | 18   | 14   | -    | 21   | 18   | 14   | -    | 21   | 18   | 14   | -    | 21   | 18   | 14   | -    | 21   | 18   | 14   | -    | 19   | 17   | 13   | -     | 19   | 17   | 13   | - |  |       |  |  |  |  |  |
|      |         | kW                                   | 3.58 | 3.67 | 3.81 | -    | 3.90 | 4.00 | 4.15 | -    | 4.19 | 4.29 | 4.45 | -    | 4.44 | 4.55 | 4.72 | -    | 4.65 | 4.76 | 4.94 | -    | 4.83 | 4.95 | 5.14 | -     | 4.83 | 4.95 | 5.14 | - |  |       |  |  |  |  |  |
|      |         | Amps                                 | 13.1 | 13.5 | 13.9 | -    | 14.2 | 14.5 | 15.0 | -    | 15.4 | 15.8 | 16.3 | -    | 16.5 | 16.9 | 17.4 | -    | 17.5 | 18.0 | 18.6 | -    | 18.6 | 19.0 | 19.7 | -     | 18.6 | 19.0 | 19.7 | - |  |       |  |  |  |  |  |
|      |         | Hi PR                                | 140  | 151  | 159  | -    | 157  | 169  | 178  | -    | 179  | 192  | 203  | -    | 203  | 219  | 231  | -    | 229  | 246  | 260  | -    | 253  | 272  | 287  | -     | 253  | 272  | 287  | - |  |       |  |  |  |  |  |
|      |         | Lo PR                                | 57   | 61   | 66   | -    | 60   | 64   | 70   | -    | 63   | 67   | 73   | -    | 66   | 70   | 76   | -    | 69   | 73   | 80   | -    | 71   | 76   | 83   | -     | 71   | 76   | 83   | - |  |       |  |  |  |  |  |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1913  | MBh   | 56.8 | 58.5 | 63.3 | 67.9 | 55.5 | 57.1 | 61.8 | 66.4 | 54.2 | 55.8 | 60.4 | 64.8 | 52.8 | 54.4 | 58.9 | 63.2 | 50.2 | 51.7 | 55.9 | 60.0 | 46.5 | 47.9 | 51.8 | 55.6 |
|       | S/T   | 0.82 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.88 | 0.78 | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.94 | 0.84 | 0.64 | 0.41 | 0.95 | 0.85 | 0.64 | 0.41 |
|       | ΔT    | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 21   | 19   | 16   | 11   |
|       | kW    | 3.75 | 3.85 | 3.99 | 4.14 | 4.09 | 4.19 | 4.35 | 4.51 | 4.39 | 4.50 | 4.67 | 4.84 | 4.65 | 4.77 | 4.95 | 5.13 | 4.87 | 5.00 | 5.18 | 5.38 | 5.07 | 5.19 | 5.39 | 5.59 |
|       | Amps  | 13.8 | 14.1 | 14.5 | 15.1 | 14.9 | 15.2 | 15.7 | 16.3 | 16.1 | 16.5 | 17.1 | 17.7 | 17.3 | 17.7 | 18.3 | 19.0 | 18.4 | 18.8 | 19.4 | 20.2 | 19.5 | 19.9 | 20.6 | 21.4 |
|       | Hi PR | 147  | 158  | 167  | 174  | 165  | 178  | 188  | 196  | 188  | 202  | 213  | 223  | 214  | 230  | 243  | 254  | 241  | 259  | 273  | 285  | 266  | 286  | 302  | 315  |
|       | Lo PR | 60   | 64   | 70   | 74   | 63   | 67   | 74   | 78   | 66   | 70   | 77   | 82   | 69   | 74   | 80   | 86   | 73   | 77   | 84   | 90   | 75   | 80   | 87   | 93   |
|       | MBh   | 55.1 | 56.8 | 61.5 | 66.0 | 53.9 | 55.5 | 60.0 | 64.4 | 52.6 | 54.1 | 58.6 | 62.9 | 51.3 | 52.8 | 57.2 | 61.4 | 48.7 | 50.2 | 54.3 | 58.3 | 45.1 | 46.5 | 50.3 | 54.0 |
|       | S/T   | 0.79 | 0.70 | 0.53 | 0.34 | 0.81 | 0.73 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.36 | 0.86 | 0.77 | 0.58 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.90 | 0.81 | 0.61 | 0.39 |
|       | 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   |
|       | 1700  | kW   | 3.72 | 3.81 | 3.95 | 4.10 | 4.05 | 4.15 | 4.31 | 4.47 | 4.35 | 4.46 | 4.62 | 4.80 | 4.61 | 4.72 | 4.90 | 5.08 | 4.83 | 4.95 | 5.14 | 5.33 | 5.02 | 5.15 | 5.34 |
| Amps  |       | 13.6 | 14.0 | 14.4 | 14.9 | 14.7 | 15.1 | 15.6 | 16.2 | 16.0 | 16.4 | 16.9 | 17.6 | 17.1 | 17.5 | 18.1 | 18.8 | 18.2 | 18.6 | 19.3 | 20.0 | 19.3 | 19.8 | 20.4 | 21.2 |
| Hi PR |       | 146  | 157  | 166  | 173  | 164  | 176  | 186  | 194  | 186  | 200  | 211  | 220  | 212  | 228  | 241  | 251  | 238  | 256  | 271  | 282  | 263  | 283  | 299  | 312  |
| Lo PR |       | 59   | 63   | 69   | 74   | 63   | 67   | 73   | 78   | 65   | 69   | 76   | 81   | 69   | 73   | 80   | 85   | 72   | 76   | 83   | 89   | 74   | 79   | 86   | 92   |
| MBh   |       | 50.9 | 52.4 | 56.7 | 60.9 | 49.7 | 51.2 | 55.4 | 59.5 | 48.5 | 50.0 | 54.1 | 58.1 | 47.3 | 48.8 | 52.8 | 56.6 | 45.0 | 46.3 | 50.1 | 53.8 | 41.7 | 42.9 | 46.4 | 49.8 |
| S/T   |       | 0.76 | 0.68 | 0.51 | 0.33 | 0.79 | 0.70 | 0.53 | 0.34 | 0.81 | 0.72 | 0.55 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.38 | 0.87 | 0.78 | 0.59 | 0.38 |
| 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    |       | 3.62 | 3.71 | 3.84 | 3.98 | 3.94 | 4.04 | 4.19 | 4.34 | 4.23 | 4.33 | 4.49 | 4.66 | 4.48 | 4.59 | 4.76 | 4.94 | 4.69 | 4.81 | 4.99 | 5.18 | 4.88 | 5.00 | 5.19 | 5.38 |
| Amps  |       | 13.3 | 13.6 | 14.0 | 14.5 | 14.3 | 14.7 | 15.2 | 15.7 | 15.6 | 15.9 | 16.5 | 17.1 | 16.6 | 17.0 | 17.6 | 18.3 | 17.7 | 18.1 | 18.7 | 19.4 | 18.7 | 19.2 | 19.8 | 20.6 |
| Hi PR |       | 141  | 152  | 161  | 168  | 159  | 171  | 180  | 188  | 180  | 194  | 205  | 214  | 205  | 221  | 233  | 243  | 231  | 249  | 263  | 274  | 255  | 275  | 290  | 303  |
| Lo PR |       | 58   | 61   | 67   | 71   | 61   | 65   | 71   | 75   | 63   | 67   | 74   | 78   | 67   | 71   | 77   | 82   | 70   | 74   | 81   | 86   | 72   | 77   | 84   | 89   |
| 1488  | MBh   | 50.9 | 52.4 | 56.7 | 60.9 | 49.7 | 51.2 | 55.4 | 59.5 | 48.5 | 50.0 | 54.1 | 58.1 | 47.3 | 48.8 | 52.8 | 56.6 | 45.0 | 46.3 | 50.1 | 53.8 | 41.7 | 42.9 | 46.4 | 49.8 |
|       | S/T   | 0.76 | 0.68 | 0.51 | 0.33 | 0.79 | 0.70 | 0.53 | 0.34 | 0.81 | 0.72 | 0.55 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.38 | 0.87 | 0.78 | 0.59 | 0.38 |
|       | 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    | 3.62 | 3.71 | 3.84 | 3.98 | 3.94 | 4.04 | 4.19 | 4.34 | 4.23 | 4.33 | 4.49 | 4.66 | 4.48 | 4.59 | 4.76 | 4.94 | 4.69 | 4.81 | 4.99 | 5.18 | 4.88 | 5.00 | 5.19 | 5.38 |
|       | Amps  | 13.3 | 13.6 | 14.0 | 14.5 | 14.3 | 14.7 | 15.2 | 15.7 | 15.6 | 15.9 | 16.5 | 17.1 | 16.6 | 17.0 | 17.6 | 18.3 | 17.7 | 18.1 | 18.7 | 19.4 | 18.7 | 19.2 | 19.8 | 20.6 |
|       | Hi PR | 141  | 152  | 161  | 168  | 159  | 171  | 180  | 188  | 180  | 194  | 205  | 214  | 205  | 221  | 233  | 243  | 231  | 249  | 263  | 274  | 255  | 275  | 290  | 303  |
|       | Lo PR | 58   | 61   | 67   | 71   | 61   | 65   | 71   | 75   | 63   | 67   | 74   | 78   | 67   | 71   | 77   | 82   | 70   | 74   | 81   | 86   | 72   | 77   | 84   | 89   |

# EXPANDED COOLING DATA — GSC130604A\* & CA\*F061\*2\* / CA\*F4860\*6A\* (CONT.)

|      |         | Outdoor Ambient Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |
|------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|
|      |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F |      |      |      | 105°F |      |      |      | 115°F |      |      |      |
| IDB  | Airflow | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |
| 80   | MBh     | 57.8                        | 59.1 | 63.1 | 67.5 | 56.5 | 57.7 | 61.6 | 65.9 | 55.1 | 56.3 | 60.2 | 64.3 | 53.8 | 55.0 | 58.7 | 62.8 | 51.1  | 52.2 | 55.8 | 59.6 | 47.3  | 48.4 | 51.7 | 55.2 |
|      | S/T     | 0.90                        | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.72 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 1.00 | 0.93 | 0.76 | 0.57 | 1.00  | 0.97 | 0.79 | 0.59 | 1.00  | 1.00 | 0.79 | 0.59 |
|      | ΔT      | 25                          | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 26   | 25   | 21   | 17   | 25    | 24   | 21   | 17   | 23    | 23   | 20   | 16   |
|      | kW      | 3.79                        | 3.88 | 4.03 | 4.18 | 4.13 | 4.23 | 4.39 | 4.55 | 4.43 | 4.54 | 4.71 | 4.89 | 4.70 | 4.81 | 4.99 | 5.18 | 4.92  | 5.04 | 5.23 | 5.43 | 5.12  | 5.24 | 5.44 | 5.65 |
|      | Amps    | 13.9                        | 14.2 | 14.7 | 15.2 | 15.0 | 15.4 | 15.9 | 16.5 | 16.3 | 16.7 | 17.2 | 17.9 | 17.4 | 17.8 | 18.4 | 19.1 | 18.5  | 19.0 | 19.6 | 20.4 | 19.6  | 20.1 | 20.8 | 21.6 |
|      | Hi PR   | 149                         | 160  | 169  | 176  | 167  | 180  | 190  | 198  | 190  | 204  | 216  | 225  | 216  | 233  | 246  | 256  | 243   | 262  | 276  | 288  | 269   | 289  | 305  | 318  |
|      | Lo PR   | 61                          | 65   | 70   | 75   | 64   | 68   | 74   | 79   | 67   | 71   | 77   | 82   | 70   | 74   | 81   | 87   | 73    | 78   | 85   | 91   | 76    | 81   | 88   | 94   |
|      | MBh     | 56.1                        | 57.4 | 61.3 | 65.5 | 54.8 | 56.0 | 59.9 | 64.0 | 53.5 | 54.7 | 58.4 | 62.5 | 52.2 | 53.4 | 57.0 | 60.9 | 49.6  | 50.7 | 54.2 | 57.9 | 45.9  | 46.9 | 50.2 | 53.6 |
|      | S/T     | 0.86                        | 0.81 | 0.66 | 0.49 | 0.89 | 0.84 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.72 | 0.54 | 0.98  | 0.92 | 0.75 | 0.56 | 0.99  | 0.93 | 0.76 | 0.56 |
|      | ΔT      | 26                          | 25   | 22   | 17   | 26   | 25   | 22   | 18   | 27   | 25   | 22   | 18   | 27   | 26   | 22   | 18   | 26    | 25   | 22   | 18   | 25    | 24   | 20   | 16   |
| 1700 | kW      | 3.76                        | 3.85 | 3.99 | 4.14 | 4.09 | 4.19 | 4.35 | 4.51 | 4.39 | 4.50 | 4.67 | 4.84 | 4.65 | 4.77 | 4.95 | 5.13 | 4.88  | 5.00 | 5.18 | 5.38 | 5.07  | 5.20 | 5.39 | 5.59 |
|      | Amps    | 13.8                        | 14.1 | 14.5 | 15.1 | 14.9 | 15.2 | 15.7 | 16.3 | 16.1 | 16.5 | 17.1 | 17.7 | 17.3 | 17.7 | 18.3 | 19.0 | 18.4  | 18.8 | 19.4 | 20.2 | 19.5  | 19.9 | 20.6 | 21.4 |
|      | Hi PR   | 147                         | 158  | 167  | 174  | 165  | 178  | 188  | 196  | 188  | 202  | 213  | 223  | 214  | 230  | 243  | 254  | 241   | 259  | 273  | 285  | 266   | 286  | 302  | 315  |
|      | Lo PR   | 60                          | 64   | 70   | 74   | 63   | 68   | 74   | 78   | 66   | 70   | 77   | 82   | 69   | 74   | 80   | 86   | 73    | 77   | 84   | 90   | 75    | 80   | 87   | 93   |
|      | MBh     | 51.8                        | 52.9 | 56.6 | 60.5 | 50.6 | 51.7 | 55.2 | 59.1 | 49.4 | 50.5 | 53.9 | 57.6 | 48.2 | 49.2 | 52.6 | 56.2 | 45.8  | 46.8 | 50.0 | 53.4 | 42.4  | 43.3 | 46.3 | 49.5 |
|      | S/T     | 0.83                        | 0.78 | 0.63 | 0.47 | 0.86 | 0.81 | 0.66 | 0.49 | 0.88 | 0.83 | 0.67 | 0.50 | 0.91 | 0.86 | 0.70 | 0.52 | 0.95  | 0.89 | 0.72 | 0.54 | 0.95  | 0.90 | 0.73 | 0.54 |
|      | ΔT      | 27                          | 26   | 22   | 18   | 27   | 26   | 22   | 18   | 27   | 26   | 22   | 18   | 27   | 26   | 22   | 18   | 27    | 26   | 22   | 18   | 25    | 24   | 21   | 17   |
|      | kW      | 3.65                        | 3.74 | 3.88 | 4.02 | 3.98 | 4.08 | 4.23 | 4.38 | 4.27 | 4.37 | 4.53 | 4.70 | 4.52 | 4.63 | 4.81 | 4.99 | 4.74  | 4.86 | 5.04 | 5.23 | 4.92  | 5.05 | 5.24 | 5.43 |
|      | Amps    | 13.4                        | 13.7 | 14.1 | 14.7 | 14.5 | 14.8 | 15.3 | 15.9 | 15.7 | 16.1 | 16.6 | 17.2 | 16.8 | 17.2 | 17.8 | 18.4 | 17.9  | 18.3 | 18.9 | 19.6 | 18.9  | 19.4 | 20.0 | 20.8 |
|      | Hi PR   | 143                         | 154  | 162  | 169  | 160  | 172  | 182  | 190  | 182  | 196  | 207  | 216  | 208  | 223  | 236  | 246  | 233   | 251  | 265  | 277  | 258   | 278  | 293  | 306  |
|      | Lo PR   | 58                          | 62   | 68   | 72   | 62   | 65   | 71   | 76   | 64   | 68   | 74   | 79   | 67   | 71   | 78   | 83   | 70    | 75   | 82   | 87   | 73    | 77   | 85   | 90   |

|      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1913 | MBh   | 58.8 | 60.0 | 62.8 | 67.0 | 57.5 | 58.6 | 61.3 | 65.4 | 56.1 | 57.2 | 59.9 | 63.9 | 54.7 | 55.8 | 58.4 | 62.3 | 52.0 | 53.0 | 55.5 | 59.2 | 48.2 | 49.1 | 51.4 | 54.8 |
|      | S/T   | 0.95 | 0.91 | 0.83 | 0.67 | 0.98 | 0.95 | 0.86 | 0.69 | 1.00 | 0.97 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.73 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.95 | 0.77 |
|      | ΔT    | 27   | 26   | 25   | 22   | 27   | 27   | 25   | 22   | 27   | 27   | 25   | 22   | 26   | 27   | 25   | 22   | 25   | 25   | 25   | 22   | 23   | 24   | 23   | 20   |
|      | kW    | 3.82 | 3.92 | 4.06 | 4.22 | 4.17 | 4.27 | 4.43 | 4.60 | 4.47 | 4.58 | 4.75 | 4.93 | 4.74 | 4.86 | 5.04 | 5.23 | 4.97 | 5.09 | 5.28 | 5.48 | 5.16 | 5.29 | 5.49 | 5.70 |
|      | Amps  | 14.0 | 14.3 | 14.8 | 15.4 | 15.1 | 15.5 | 16.0 | 16.6 | 16.4 | 16.8 | 17.4 | 18.1 | 17.6 | 18.0 | 18.6 | 19.3 | 18.7 | 19.2 | 19.8 | 20.6 | 19.8 | 20.3 | 21.0 | 21.8 |
|      | Hi PR | 150  | 162  | 171  | 178  | 168  | 181  | 191  | 200  | 192  | 206  | 218  | 227  | 218  | 235  | 248  | 259  | 246  | 264  | 279  | 291  | 271  | 292  | 308  | 322  |
|      | Lo PR | 61   | 65   | 71   | 76   | 65   | 69   | 75   | 80   | 67   | 72   | 78   | 83   | 71   | 75   | 82   | 87   | 74   | 79   | 86   | 92   | 77   | 81   | 89   | 95   |
|      | MBh   | 57.1 | 58.2 | 61.0 | 65.0 | 55.8 | 56.9 | 59.6 | 63.5 | 54.5 | 55.5 | 58.1 | 62.0 | 53.1 | 54.2 | 56.7 | 60.5 | 50.5 | 51.4 | 53.9 | 57.5 | 46.7 | 47.7 | 49.9 | 53.2 |
|      | S/T   | 0.90 | 0.87 | 0.79 | 0.64 | 0.94 | 0.90 | 0.82 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.96 | 0.86 | 0.70 | 1.00 | 0.99 | 0.90 | 0.73 | 1.00 | 1.00 | 0.90 | 0.73 |
|      | ΔT    | 28   | 27   | 26   | 22   | 28   | 28   | 26   | 23   | 28   | 28   | 26   | 23   | 28   | 28   | 26   | 23   | 27   | 28   | 26   | 23   | 25   | 26   | 24   | 21   |
| 1700 | kW    | 3.79 | 3.88 | 4.03 | 4.18 | 4.13 | 4.23 | 4.39 | 4.55 | 4.43 | 4.54 | 4.71 | 4.89 | 4.70 | 4.81 | 4.99 | 5.18 | 4.92 | 5.04 | 5.23 | 5.43 | 5.12 | 5.24 | 5.44 | 5.65 |
|      | Amps  | 13.9 | 14.2 | 14.7 | 15.2 | 15.0 | 15.4 | 15.9 | 16.5 | 16.3 | 16.7 | 17.2 | 17.9 | 17.4 | 17.8 | 18.4 | 19.1 | 18.5 | 19.0 | 19.6 | 20.4 | 19.6 | 20.1 | 20.8 | 21.6 |
|      | Hi PR | 149  | 160  | 169  | 176  | 167  | 180  | 190  | 198  | 190  | 204  | 216  | 225  | 216  | 233  | 246  | 256  | 243  | 262  | 276  | 288  | 269  | 289  | 305  | 318  |
|      | Lo PR | 61   | 65   | 70   | 75   | 64   | 68   | 74   | 79   | 67   | 71   | 77   | 82   | 70   | 74   | 81   | 87   | 73   | 78   | 85   | 91   | 76   | 81   | 88   | 94   |
|      | MBh   | 52.7 | 53.7 | 56.3 | 60.0 | 51.5 | 52.5 | 55.0 | 58.6 | 50.3 | 51.2 | 53.7 | 57.2 | 49.0 | 50.0 | 52.3 | 55.8 | 46.6 | 47.5 | 49.7 | 53.1 | 43.1 | 44.0 | 46.1 | 49.1 |
|      | S/T   | 0.87 | 0.84 | 0.76 | 0.62 | 0.90 | 0.87 | 0.79 | 0.64 | 0.93 | 0.89 | 0.81 | 0.65 | 0.96 | 0.92 | 0.83 | 0.68 | 0.99 | 0.96 | 0.86 | 0.70 | 1.00 | 0.97 | 0.87 | 0.71 |
|      | ΔT    | 28   | 28   | 26   | 23   | 29   | 28   | 27   | 23   | 29   | 28   | 27   | 23   | 29   | 29   | 27   | 23   | 29   | 28   | 27   | 23   | 27   | 26   | 25   | 21   |
|      | kW    | 3.68 | 3.78 | 3.91 | 4.06 | 4.01 | 4.11 | 4.27 | 4.43 | 4.31 | 4.41 | 4.58 | 4.75 | 4.56 | 4.68 | 4.85 | 5.03 | 4.78 | 4.90 | 5.08 | 5.28 | 4.97 | 5.10 | 5.29 | 5.49 |
|      | Amps  | 13.5 | 13.8 | 14.3 | 14.8 | 14.6 | 14.9 | 15.4 | 16.0 | 15.8 | 16.2 | 16.8 | 17.4 | 16.9 | 17.3 | 17.9 | 18.6 | 18.0 | 18.5 | 19.1 | 19.8 | 19.1 | 19.6 | 20.2 | 21.0 |
|      | Hi PR | 144  | 155  | 164  | 171  | 162  | 174  | 184  | 192  | 184  | 198  | 209  | 218  | 210  | 226  | 238  | 248  | 236  | 254  | 268  | 279  | 261  | 280  | 296  | 309  |
|      | Lo PR | 59   | 63   | 68   | 73   | 62   | 66   | 72   | 77   | 65   | 69   | 75   | 80   | 68   | 72   | 79   | 84   | 71   | 76   | 83   | 88   | 74   | 78   | 85   | 91   |

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

# EXPANDED COOLING DATA — GSC130604B\* / CA\*F4961\*6A\*

|      |         | Outdoor Ambient Temperature |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |  |  |       |  |  |  |  |  |
|------|---------|-----------------------------|------|------|----|------|------|------|----|------|------|------|----|------|------|------|----|------|------|------|----|------|------|------|----|-------|------|------|----|--|--|-------|--|--|--|--|--|
|      |         | 65°F                        |      |      |    |      |      | 75°F |    |      |      |      |    | 85°F |      |      |    |      |      | 95°F |    |      |      |      |    | 105°F |      |      |    |  |  | 115°F |  |  |  |  |  |
| IDB  | Airflow | 59                          | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59    | 63   | 67   | 71 |  |  |       |  |  |  |  |  |
| 70   |         |                             |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |  |  |       |  |  |  |  |  |
|      | MBh     | 50.1                        | 51.9 | 56.8 | -  | 48.9 | 50.7 | 55.5 | -  | 47.7 | 49.5 | 54.2 | -  | 46.6 | 48.3 | 52.9 | -  | 44.2 | 45.8 | 50.2 | -  | 41.0 | 42.5 | 46.5 | -  | 41.0  | 42.5 | 46.5 | -  |  |  |       |  |  |  |  |  |
|      | S/T     | 0.67                        | 0.56 | 0.39 | -  | 0.70 | 0.58 | 0.40 | -  | 0.72 | 0.60 | 0.41 | -  | 0.74 | 0.62 | 0.43 | -  | 0.77 | 0.64 | 0.44 | -  | 0.77 | 0.65 | 0.45 | -  | 0.77  | 0.65 | 0.45 | -  |  |  |       |  |  |  |  |  |
|      | ΔT      | 19                          | 17   | 13   | -  | 20   | 17   | 13   | -  | 20   | 17   | 13   | -  | 20   | 17   | 13   | -  | 20   | 17   | 13   | -  | 18   | 16   | 12   | -  | 18    | 16   | 12   | -  |  |  |       |  |  |  |  |  |
|      | kW      | 3.79                        | 3.86 | 3.98 | -  | 4.06 | 4.15 | 4.27 | -  | 4.31 | 4.40 | 4.53 | -  | 4.52 | 4.61 | 4.76 | -  | 4.70 | 4.80 | 4.95 | -  | 4.86 | 4.96 | 5.12 | -  | 4.86  | 4.96 | 5.12 | -  |  |  |       |  |  |  |  |  |
|      | Amps    | 5.1                         | 5.2  | 5.4  | -  | 5.5  | 5.6  | 5.8  | -  | 6.0  | 6.1  | 6.3  | -  | 6.3  | 6.5  | 6.7  | -  | 6.7  | 6.9  | 7.1  | -  | 7.1  | 7.3  | 7.5  | -  | 7.1   | 7.3  | 7.5  | -  |  |  |       |  |  |  |  |  |
|      | Hi PR   | 141                         | 152  | 160  | -  | 158  | 170  | 180  | -  | 180  | 194  | 205  | -  | 205  | 221  | 233  | -  | 231  | 248  | 262  | -  | 255  | 274  | 290  | -  | 255   | 274  | 290  | -  |  |  |       |  |  |  |  |  |
|      | Lo PR   | 60                          | 63   | 69   | -  | 63   | 67   | 73   | -  | 66   | 70   | 76   | -  | 69   | 73   | 80   | -  | 72   | 77   | 84   | -  | 75   | 79   | 87   | -  | 75    | 79   | 87   | -  |  |  |       |  |  |  |  |  |
|      | MBh     | 54.2                        | 56.2 | 61.6 | -  | 53.0 | 54.9 | 60.1 | -  | 51.7 | 53.6 | 58.7 | -  | 50.4 | 52.3 | 57.3 | -  | 47.9 | 49.7 | 54.4 | -  | 44.4 | 46.0 | 50.4 | -  | 44.4  | 46.0 | 50.4 | -  |  |  |       |  |  |  |  |  |
|      | S/T     | 0.70                        | 0.58 | 0.40 | -  | 0.72 | 0.61 | 0.42 | -  | 0.74 | 0.62 | 0.43 | -  | 0.77 | 0.64 | 0.44 | -  | 0.80 | 0.66 | 0.46 | -  | 0.80 | 0.67 | 0.46 | -  | 0.80  | 0.67 | 0.46 | -  |  |  |       |  |  |  |  |  |
|      | ΔT      | 18                          | 16   | 12   | -  | 19   | 16   | 12   | -  | 19   | 16   | 12   | -  | 19   | 16   | 12   | -  | 18   | 16   | 12   | -  | 17   | 15   | 11   | -  | 17    | 15   | 11   | -  |  |  |       |  |  |  |  |  |
| 1900 | kW      | 3.88                        | 3.95 | 4.07 | -  | 4.16 | 4.24 | 4.37 | -  | 4.41 | 4.50 | 4.64 | -  | 4.63 | 4.73 | 4.88 | -  | 4.82 | 4.92 | 5.08 | -  | 4.98 | 5.09 | 5.25 | -  | 4.98  | 5.09 | 5.25 | -  |  |  |       |  |  |  |  |  |
|      | Amps    | 5.2                         | 5.4  | 5.5  | -  | 5.6  | 5.8  | 6.0  | -  | 6.1  | 6.3  | 6.5  | -  | 6.5  | 6.7  | 6.9  | -  | 6.9  | 7.1  | 7.3  | -  | 7.3  | 7.5  | 7.7  | -  | 7.3   | 7.5  | 7.7  | -  |  |  |       |  |  |  |  |  |
|      | Hi PR   | 146                         | 157  | 165  | -  | 163  | 176  | 186  | -  | 186  | 200  | 211  | -  | 212  | 228  | 240  | -  | 238  | 256  | 270  | -  | 263  | 283  | 299  | -  | 263   | 283  | 299  | -  |  |  |       |  |  |  |  |  |
|      | Lo PR   | 62                          | 65   | 71   | -  | 65   | 69   | 75   | -  | 68   | 72   | 78   | -  | 71   | 75   | 82   | -  | 74   | 79   | 86   | -  | 77   | 82   | 89   | -  | 77    | 82   | 89   | -  |  |  |       |  |  |  |  |  |
|      | MBh     | 54.8                        | 56.8 | 62.2 | -  | 53.5 | 55.4 | 60.8 | -  | 52.2 | 54.1 | 59.3 | -  | 50.9 | 52.8 | 57.9 | -  | 48.4 | 50.2 | 55.0 | -  | 44.8 | 46.5 | 50.9 | -  | 44.8  | 46.5 | 50.9 | -  |  |  |       |  |  |  |  |  |
|      | S/T     | 0.71                        | 0.60 | 0.41 | -  | 0.74 | 0.62 | 0.43 | -  | 0.76 | 0.63 | 0.44 | -  | 0.78 | 0.65 | 0.45 | -  | 0.81 | 0.68 | 0.47 | -  | 0.82 | 0.68 | 0.47 | -  | 0.82  | 0.68 | 0.47 | -  |  |  |       |  |  |  |  |  |
|      | ΔT      | 18                          | 16   | 12   | -  | 18   | 16   | 12   | -  | 18   | 16   | 12   | -  | 18   | 16   | 12   | -  | 18   | 16   | 12   | -  | 17   | 15   | 11   | -  | 17    | 15   | 11   | -  |  |  |       |  |  |  |  |  |
|      | kW      | 3.89                        | 3.96 | 4.08 | -  | 4.17 | 4.25 | 4.39 | -  | 4.42 | 4.51 | 4.65 | -  | 4.64 | 4.74 | 4.89 | -  | 4.83 | 4.93 | 5.09 | -  | 4.99 | 5.10 | 5.26 | -  | 4.99  | 5.10 | 5.26 | -  |  |  |       |  |  |  |  |  |
|      | Amps    | 5.3                         | 5.4  | 5.5  | -  | 5.7  | 5.8  | 6.0  | -  | 6.1  | 6.3  | 6.5  | -  | 6.5  | 6.7  | 6.9  | -  | 6.9  | 7.1  | 7.3  | -  | 7.3  | 7.5  | 7.7  | -  | 7.3   | 7.5  | 7.7  | -  |  |  |       |  |  |  |  |  |
|      | Hi PR   | 146                         | 157  | 166  | -  | 164  | 176  | 186  | -  | 186  | 200  | 212  | -  | 212  | 228  | 241  | -  | 239  | 257  | 271  | -  | 264  | 284  | 300  | -  | 264   | 284  | 300  | -  |  |  |       |  |  |  |  |  |
|      | Lo PR   | 62                          | 66   | 72   | -  | 65   | 69   | 76   | -  | 68   | 72   | 79   | -  | 71   | 76   | 83   | -  | 75   | 79   | 87   | -  | 77   | 82   | 90   | -  | 77    | 82   | 90   | -  |  |  |       |  |  |  |  |  |

| 75    | 1600  |      |      |      |      |      |      |      |      |      |      |      | 1900 |      |      |      |      |      |      |      |      |      |      |      | 2000 |  |  |  |  |  |  |  |  |  |  |  |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|
|       | MBh   | 50.9 | 52.4 | 56.7 | 60.9 | 49.7 | 51.2 | 55.4 | 59.5 | 48.5 | 50.0 | 54.1 | 58.1 | 47.3 | 48.8 | 52.8 | 56.6 | 45.0 | 46.3 | 50.1 | 53.8 | 41.7 | 42.9 | 46.4 | 49.8 |  |  |  |  |  |  |  |  |  |  |  |
|       | S/T   | 0.77 | 0.69 | 0.52 | 0.33 | 0.79 | 0.71 | 0.54 | 0.35 | 0.81 | 0.73 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.88 | 0.79 | 0.60 | 0.38 |  |  |  |  |  |  |  |  |  |  |  |
|       | 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    | 3.82 | 3.89 | 4.01 | 4.13 | 4.10 | 4.18 | 4.31 | 4.44 | 4.34 | 4.43 | 4.57 | 4.71 | 4.56 | 4.65 | 4.80 | 4.95 | 4.74 | 4.84 | 4.99 | 5.16 | 4.90 | 5.00 | 5.16 | 5.33 |  |  |  |  |  |  |  |  |  |  |  |
|       | Amps  | 5.2  | 5.3  | 5.4  | 5.6  | 5.6  | 5.7  | 5.9  | 6.1  | 6.0  | 6.1  | 6.3  | 6.6  | 6.4  | 6.5  | 6.8  | 7.0  | 6.8  | 6.9  | 7.2  | 7.4  | 7.2  | 7.3  | 7.6  | 7.9  |  |  |  |  |  |  |  |  |  |  |  |
|       | Hi PR | 143  | 153  | 162  | 169  | 160  | 172  | 182  | 190  | 182  | 196  | 207  | 216  | 207  | 223  | 236  | 246  | 233  | 251  | 265  | 276  | 258  | 277  | 293  | 305  |  |  |  |  |  |  |  |  |  |  |  |
|       | Lo PR | 60   | 64   | 70   | 75   | 64   | 68   | 74   | 79   | 66   | 70   | 77   | 82   | 70   | 74   | 81   | 86   | 73   | 78   | 85   | 90   | 75   | 80   | 88   | 93   |  |  |  |  |  |  |  |  |  |  |  |
|       | MBh   | 55.1 | 56.8 | 61.5 | 66.0 | 53.9 | 55.5 | 60.0 | 64.4 | 52.6 | 54.1 | 58.6 | 62.9 | 51.3 | 52.8 | 57.2 | 61.4 | 48.7 | 50.2 | 54.3 | 58.3 | 45.1 | 46.5 | 50.3 | 54.0 |  |  |  |  |  |  |  |  |  |  |  |
|       | S/T   | 0.79 | 0.71 | 0.54 | 0.35 | 0.82 | 0.74 | 0.56 | 0.36 | 0.84 | 0.76 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.91 | 0.82 | 0.62 | 0.40 |  |  |  |  |  |  |  |  |  |  |  |
| ΔT    | 21    | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 20   | 18   | 15   | 10   |      |  |  |  |  |  |  |  |  |  |  |  |
| kW    | 3.91  | 3.99 | 4.10 | 4.23 | 4.19 | 4.28 | 4.41 | 4.55 | 4.44 | 4.54 | 4.68 | 4.83 | 4.67 | 4.77 | 4.92 | 5.07 | 4.86 | 4.96 | 5.12 | 5.28 | 5.02 | 5.13 | 5.29 | 5.47 |      |  |  |  |  |  |  |  |  |  |  |  |
| Amps  | 5.3   | 5.4  | 5.6  | 5.8  | 5.7  | 5.8  | 6.0  | 6.2  | 6.2  | 6.3  | 6.5  | 6.7  | 6.6  | 6.7  | 6.9  | 7.2  | 7.0  | 7.1  | 7.4  | 7.6  | 7.4  | 7.5  | 7.8  | 8.1  |      |  |  |  |  |  |  |  |  |  |  |  |
| Hi PR | 147   | 158  | 167  | 174  | 165  | 178  | 187  | 196  | 188  | 202  | 213  | 222  | 214  | 230  | 243  | 253  | 240  | 259  | 273  | 285  | 266  | 286  | 302  | 315  |      |  |  |  |  |  |  |  |  |  |  |  |
| Lo PR | 62    | 66   | 72   | 77   | 66   | 70   | 76   | 81   | 68   | 73   | 79   | 84   | 72   | 76   | 83   | 89   | 75   | 80   | 87   | 93   | 78   | 83   | 90   | 96   |      |  |  |  |  |  |  |  |  |  |  |  |
| MBh   | 55.7  | 57.3 | 62.1 | 66.6 | 54.4 | 56.0 | 60.6 | 65.1 | 53.1 | 54.7 | 59.2 | 63.5 | 51.8 | 53.3 | 57.7 | 62.0 | 49.2 | 50.7 | 54.9 | 58.9 | 45.6 | 46.9 | 50.8 | 54.5 |      |  |  |  |  |  |  |  |  |  |  |  |
| S/T   | 0.81  | 0.73 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.37 | 0.86 | 0.77 | 0.58 | 0.38 | 0.89 | 0.80 | 0.60 | 0.39 | 0.92 | 0.83 | 0.62 | 0.40 | 0.93 | 0.83 | 0.63 | 0.41 |      |  |  |  |  |  |  |  |  |  |  |  |
| ΔT    | 21    | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 19   | 16   | 11   | 20   | 18   | 15   | 10   |      |  |  |  |  |  |  |  |  |  |  |  |
| kW    | 3.92  | 3.99 | 4.11 | 4.24 | 4.20 | 4.29 | 4.42 | 4.56 | 4.45 | 4.55 | 4.69 | 4.84 | 4.68 | 4.78 | 4.93 | 5.09 | 4.87 | 4.97 | 5.13 | 5.30 | 5.03 | 5.14 | 5.31 | 5.48 |      |  |  |  |  |  |  |  |  |  |  |  |
| Amps  | 5.3   | 5.4  | 5.6  | 5.8  | 5.7  | 5.8  | 6.0  | 6.2  | 6.2  | 6.3  | 6.5  | 6.8  | 6.6  | 6.7  | 7.0  | 7.2  | 7.0  | 7.2  | 7.4  | 7.7  | 7.4  | 7.6  | 7.8  | 8.1  |      |  |  |  |  |  |  |  |  |  |  |  |
| Hi PR | 147   | 159  | 168  | 175  | 165  | 178  | 188  | 196  | 188  | 203  | 214  | 223  | 214  | 231  | 244  | 254  | 241  | 259  | 274  | 286  | 266  | 287  | 303  | 316  |      |  |  |  |  |  |  |  |  |  |  |  |
| Lo PR | 62    | 66   | 72   | 77   | 66   | 70   | 76   | 81   | 68   | 73   | 80   | 85   | 72   | 76   | 84   | 89   | 75   | 80   | 88   | 93   | 78   | 83   | 91   | 96   |      |  |  |  |  |  |  |  |  |  |  |  |

# EXPANDED COOLING DATA — GSC130604B\* / CA\*F4961\*6A\* (CONT.)

|       |         | Outdoor Ambient Temperature          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|-------|---------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|
|       |         | 65°F                                 |      |      |      |      |      |      |      | 75°F |      |      |      |      |      |      |      | 85°F |      |      |      |      |      |      |      | 95°F |      |      |      |      |      |      |      | 105°F |  |  |  |  |  |  |  | 115°F |  |  |  |  |  |  |  |
|       |         | Entering Indoor Wet Bulb Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| IDB   | Airflow | 59                                   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| 80    | MBh     | 51.8                                 | 52.9 | 56.6 | 60.5 | 50.6 | 51.7 | 55.2 | 59.1 | 49.4 | 50.5 | 53.9 | 57.6 | 48.2 | 49.2 | 52.6 | 56.2 | 45.8 | 46.8 | 50.0 | 53.4 | 42.4 | 43.3 | 46.3 | 49.5 | 42.4 | 43.3 | 46.3 | 49.5 | 42.4 | 43.3 | 46.3 | 49.5 |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|       | S/T     | 0.84                                 | 0.79 | 0.64 | 0.48 | 0.87 | 0.82 | 0.67 | 0.50 | 0.89 | 0.84 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 0.97 | 0.91 | 0.74 | 0.55 | 0.97 | 0.91 | 0.74 | 0.55 | 0.97 | 0.91 | 0.74 | 0.55 |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|       | ΔT      | 25                                   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|       | kW      | 3.85                                 | 3.92 | 4.04 | 4.16 | 4.13 | 4.21 | 4.34 | 4.48 | 4.37 | 4.47 | 4.60 | 4.75 | 4.59 | 4.69 | 4.84 | 4.99 | 4.78 | 4.88 | 5.03 | 5.20 | 4.94 | 5.04 | 5.21 | 5.38 | 4.94 | 5.04 | 5.21 | 5.38 | 4.94 | 5.04 | 5.21 | 5.38 |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|       | Amps    | 5.2                                  | 5.3  | 5.5  | 5.7  | 5.6  | 5.7  | 5.9  | 6.1  | 6.1  | 6.2  | 6.4  | 6.6  | 6.5  | 6.6  | 6.8  | 7.1  | 6.8  | 7.0  | 7.2  | 7.5  | 7.2  | 7.4  | 7.6  | 7.9  | 7.2  | 7.4  | 7.6  | 7.9  | 7.2  | 7.4  | 7.6  | 7.9  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|       | Hi PR   | 144                                  | 155  | 164  | 171  | 162  | 174  | 184  | 192  | 184  | 198  | 209  | 218  | 209  | 225  | 238  | 248  | 236  | 253  | 268  | 279  | 260  | 280  | 296  | 308  | 260  | 280  | 296  | 308  | 260  | 280  | 296  | 308  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|       | Lo PR   | 61                                   | 65   | 71   | 75   | 64   | 68   | 75   | 80   | 67   | 71   | 78   | 83   | 70   | 75   | 82   | 87   | 74   | 78   | 85   | 91   | 76   | 81   | 88   | 94   | 76   | 81   | 88   | 94   | 76   | 81   | 88   | 94   |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|       | MBh     | 56.1                                 | 57.4 | 61.3 | 65.5 | 54.8 | 56.0 | 59.9 | 64.0 | 53.5 | 54.7 | 58.4 | 62.5 | 52.2 | 53.4 | 57.0 | 60.9 | 49.6 | 50.7 | 54.2 | 57.9 | 45.9 | 46.9 | 50.2 | 53.6 | 45.9 | 46.9 | 50.2 | 53.6 | 45.9 | 46.9 | 50.2 | 53.6 |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|       | S/T     | 0.87                                 | 0.82 | 0.67 | 0.50 | 0.90 | 0.85 | 0.69 | 0.52 | 0.93 | 0.87 | 0.71 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 0.99 | 0.93 | 0.76 | 0.57 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.94 | 0.76 | 0.57 |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|       | ΔT      | 24                                   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 22   | 21   | 19   | 15   | 22   | 21   | 19   | 15   | 22   | 21   | 19   | 15   |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|       | kW      | 3.94                                 | 4.02 | 4.14 | 4.26 | 4.22 | 4.31 | 4.44 | 4.58 | 4.48 | 4.57 | 4.72 | 4.87 | 4.70 | 4.80 | 4.96 | 5.12 | 4.90 | 5.00 | 5.16 | 5.33 | 5.06 | 5.17 | 5.34 | 5.51 | 5.06 | 5.17 | 5.34 | 5.51 | 5.06 | 5.17 | 5.34 | 5.51 |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| Amps  | 5.3     | 5.5                                  | 5.6  | 5.8  | 5.7  | 5.9  | 6.1  | 6.3  | 6.2  | 6.4  | 6.6  | 6.8  | 6.6  | 6.8  | 7.0  | 7.3  | 7.0  | 7.2  | 7.4  | 7.7  | 7.4  | 7.6  | 7.9  | 8.2  | 7.4  | 7.6  | 7.9  | 8.2  | 7.4  | 7.6  | 7.9  | 8.2  |      |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| Hi PR | 149     | 160                                  | 169  | 176  | 167  | 179  | 189  | 198  | 190  | 204  | 215  | 225  | 216  | 232  | 245  | 256  | 243  | 261  | 276  | 288  | 268  | 289  | 305  | 318  | 268  | 289  | 305  | 318  | 268  | 289  | 305  | 318  |      |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| Lo PR | 63      | 67                                   | 73   | 78   | 66   | 71   | 77   | 82   | 69   | 73   | 80   | 85   | 72   | 77   | 84   | 90   | 76   | 81   | 88   | 94   | 78   | 84   | 91   | 97   | 78   | 84   | 91   | 97   | 78   | 84   | 91   | 97   |      |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
| 2000  | MBh     | 56.7                                 | 57.9 | 61.9 | 66.2 | 55.4 | 56.6 | 60.4 | 64.6 | 54.1 | 55.2 | 59.0 | 63.1 | 52.7 | 53.9 | 57.6 | 61.5 | 50.1 | 51.2 | 54.7 | 58.5 | 46.4 | 47.4 | 50.7 | 54.2 | 46.4 | 47.4 | 50.7 | 54.2 | 46.4 | 47.4 | 50.7 | 54.2 |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|       | S/T     | 0.89                                 | 0.83 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.53 | 0.94 | 0.89 | 0.72 | 0.54 | 0.98 | 0.91 | 0.74 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 0.96 | 0.78 | 0.58 |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|       | ΔT      | 23                                   | 22   | 19   | 15   | 23   | 22   | 20   | 16   | 23   | 22   | 20   | 16   | 24   | 23   | 20   | 16   | 23   | 22   | 19   | 16   | 21   | 21   | 18   | 14   | 21   | 21   | 18   | 14   | 21   | 21   | 18   | 14   |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|       | kW      | 3.95                                 | 4.02 | 4.15 | 4.27 | 4.23 | 4.32 | 4.46 | 4.59 | 4.49 | 4.58 | 4.73 | 4.88 | 4.72 | 4.82 | 4.97 | 5.13 | 4.91 | 5.01 | 5.17 | 5.34 | 5.07 | 5.18 | 5.35 | 5.53 | 5.07 | 5.18 | 5.35 | 5.53 | 5.07 | 5.18 | 5.35 | 5.53 |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|       | Amps    | 5.4                                  | 5.5  | 5.6  | 5.8  | 5.8  | 5.9  | 6.1  | 6.3  | 6.2  | 6.4  | 6.6  | 6.8  | 6.6  | 6.8  | 7.0  | 7.3  | 7.1  | 7.2  | 7.5  | 7.7  | 7.5  | 7.6  | 7.9  | 8.2  | 7.5  | 7.6  | 7.9  | 8.2  | 7.5  | 7.6  | 7.9  | 8.2  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|       | Hi PR   | 149                                  | 160  | 169  | 177  | 167  | 180  | 190  | 198  | 190  | 205  | 216  | 225  | 217  | 233  | 246  | 257  | 244  | 262  | 277  | 289  | 269  | 290  | 306  | 319  | 269  | 290  | 306  | 319  | 269  | 290  | 306  | 319  |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |
|       | Lo PR   | 63                                   | 67   | 73   | 78   | 67   | 71   | 77   | 82   | 69   | 74   | 80   | 86   | 73   | 77   | 84   | 90   | 76   | 81   | 88   | 94   | 79   | 84   | 91   | 97   | 79   | 84   | 91   | 97   | 79   | 84   | 91   | 97   |       |  |  |  |  |  |  |  |       |  |  |  |  |  |  |  |

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85   | 1600 | MBh  | 52.7 | 53.7 | 56.3 | 60.0 | 51.5 | 52.5 | 55.0 | 58.6 | 50.3 | 51.2 | 53.7 | 57.2 | 49.0 | 50.0 | 52.3 | 55.8 | 46.6 | 47.5 | 49.7 | 53.1 | 43.1 | 44.0 | 46.1 | 49.1 |
|      |      | S/T  | 0.88 | 0.85 | 0.77 | 0.62 | 0.91 | 0.88 | 0.80 | 0.65 | 0.94 | 0.90 | 0.82 | 0.66 | 0.97 | 0.93 | 0.84 | 0.68 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 0.98 | 0.88 | 0.71 |
|      |      | ΔT   | 27   | 26   | 25   | 21   | 27   | 27   | 25   | 22   | 27   | 27   | 25   | 22   | 27   | 27   | 25   | 22   | 27   | 26   | 25   | 22   | 25   | 25   | 23   | 20   |
|      |      | kW   | 3.88 | 3.95 | 4.07 | 4.20 | 4.16 | 4.24 | 4.37 | 4.51 | 4.41 | 4.50 | 4.64 | 4.79 | 4.63 | 4.73 | 4.88 | 5.03 | 4.82 | 4.92 | 5.08 | 5.24 | 4.98 | 5.08 | 5.25 | 5.42 |
|      |      | Amps | 5.2  | 5.4  | 5.5  | 5.7  | 5.6  | 5.8  | 6.0  | 6.2  | 6.1  | 6.3  | 6.4  | 6.7  | 6.5  | 6.7  | 6.9  | 7.1  | 6.9  | 7.1  | 7.3  | 7.6  | 7.3  | 7.5  | 7.7  | 8.0  |
|      |      | HiPR | 145  | 157  | 165  | 172  | 163  | 176  | 186  | 194  | 186  | 200  | 211  | 220  | 211  | 228  | 240  | 251  | 238  | 256  | 270  | 282  | 263  | 283  | 299  | 312  |
|      |      | LoPR | 62   | 65   | 71   | 76   | 65   | 69   | 75   | 80   | 68   | 72   | 78   | 84   | 71   | 75   | 82   | 88   | 74   | 79   | 86   | 92   | 77   | 82   | 89   | 95   |
|      | 1900 | MBh  | 57.1 | 58.2 | 61.0 | 65.0 | 55.8 | 56.9 | 59.6 | 63.5 | 54.5 | 55.5 | 58.1 | 62.0 | 53.1 | 54.2 | 56.7 | 60.5 | 50.5 | 51.4 | 53.9 | 57.5 | 46.7 | 47.7 | 49.9 | 53.2 |
|      |      | S/T  | 0.91 | 0.88 | 0.80 | 0.65 | 0.95 | 0.91 | 0.82 | 0.67 | 0.97 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.91 | 0.74 |
|      |      | ΔT   | 25   | 25   | 23   | 20   | 26   | 25   | 24   | 21   | 26   | 25   | 24   | 21   | 26   | 25   | 24   | 21   | 24   | 25   | 24   | 20   | 23   | 23   | 22   | 19   |
| kW   |      | 3.97 | 4.05 | 4.17 | 4.30 | 4.26 | 4.35 | 4.48 | 4.62 | 4.51 | 4.61 | 4.75 | 4.91 | 4.74 | 4.84 | 5.00 | 5.16 | 4.94 | 5.04 | 5.20 | 5.37 | 5.10 | 5.21 | 5.38 | 5.56 |      |
| Amps |      | 5.4  | 5.5  | 5.7  | 5.9  | 5.8  | 5.9  | 6.1  | 6.3  | 6.3  | 6.4  | 6.6  | 6.9  | 6.7  | 6.8  | 7.1  | 7.3  | 7.1  | 7.3  | 7.5  | 7.8  | 7.5  | 7.7  | 7.9  | 8.2  |      |
| HiPR |      | 150  | 161  | 170  | 178  | 168  | 181  | 191  | 199  | 191  | 206  | 218  | 227  | 218  | 235  | 248  | 258  | 245  | 264  | 279  | 291  | 271  | 292  | 308  | 321  |      |
| LoPR |      | 63   | 67   | 74   | 78   | 67   | 71   | 78   | 83   | 70   | 74   | 81   | 86   | 73   | 78   | 85   | 90   | 77   | 82   | 89   | 95   | 79   | 84   | 92   | 98   |      |
| 2000 | MBh  | 57.7 | 58.8 | 61.6 | 65.7 | 56.3 | 57.4 | 60.1 | 64.2 | 55.0 | 56.1 | 58.7 | 62.6 | 53.7 | 54.7 | 57.3 | 61.1 | 51.0 | 52.0 | 54.4 | 58.1 | 47.2 | 48.1 | 50.4 | 53.8 |      |
|      | S/T  | 0.93 | 0.90 | 0.81 | 0.66 | 0.97 | 0.93 | 0.84 | 0.68 | 0.99 | 0.96 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.93 | 0.76 |      |
|      | ΔT   | 25   | 24   | 23   | 20   | 25   | 25   | 23   | 20   | 25   | 25   | 23   | 20   | 25   | 25   | 23   | 20   | 23   | 24   | 23   | 20   | 22   | 22   | 22   | 19   |      |
|      | kW   | 3.98 | 4.06 | 4.18 | 4.31 | 4.27 | 4.36 | 4.49 | 4.63 | 4.53 | 4.62 | 4.77 | 4.92 | 4.75 | 4.85 | 5.01 | 5.17 | 4.95 | 5.05 | 5.22 | 5.39 | 5.11 | 5.22 | 5.39 | 5.57 |      |
|      | Amps | 5.4  | 5.5  | 5.7  | 5.9  | 5.8  | 5.9  | 6.1  | 6.4  | 6.3  | 6.4  | 6.6  | 6.9  | 6.7  | 6.9  | 7.1  | 7.3  | 7.1  | 7.3  | 7.5  | 7.8  | 7.5  | 7.7  | 8.0  | 8.2  |      |
|      | HiPR | 150  | 162  | 171  | 178  | 169  | 182  | 192  | 200  | 192  | 207  | 218  | 228  | 219  | 235  | 248  | 259  | 246  | 265  | 280  | 292  | 272  | 293  | 309  | 322  |      |
|      | LoPR | 64   | 68   | 74   | 79   | 67   | 71   | 78   | 83   | 70   | 74   | 81   | 86   | 73   | 78   | 85   | 91   | 77   | 82   | 89   | 95   | 80   | 85   | 92   | 98   |      |

# EXPANDED COOLING DATA — GSC100903AA / AR090

|      |         | Outdoor Ambient Temperature |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |       |      |      |    |
|------|---------|-----------------------------|------|------|----|------|------|------|----|------|------|------|----|------|------|------|----|-------|------|------|----|-------|------|------|----|
|      |         | 65°F                        |      |      |    | 75°F |      |      |    | 85°F |      |      |    | 95°F |      |      |    | 105°F |      |      |    | 115°F |      |      |    |
| IDB  | Airflow | 59                          | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59    | 63   | 67   | 71 | 59    | 63   | 67   | 71 |
| 70   | MBh     | 86.2                        | 89.4 | 97.9 | -  | 84.2 | 87.3 | 95.6 | -  | 82.2 | 85.2 | 93.4 | -  | 80.2 | 83.1 | 91.1 | -  | 76.2  | 79.0 | 86.5 | -  | 70.6  | 73.2 | 80.2 | -  |
|      | S/T     | 0.72                        | 0.60 | 0.42 | -  | 0.75 | 0.63 | 0.43 | -  | 0.77 | 0.64 | 0.44 | -  | 0.79 | 0.66 | 0.46 | -  | 0.82  | 0.69 | 0.48 | -  | 0.83  | 0.69 | 0.48 | -  |
|      | ΔT      | 19                          | 16   | 12   | -  | 19   | 17   | 13   | -  | 19   | 17   | 13   | -  | 19   | 17   | 13   | -  | 19    | 16   | 12   | -  | 18    | 15   | 12   | -  |
|      | 3038 kW | 6.80                        | 6.93 | 7.13 | -  | 7.28 | 7.42 | 7.64 | -  | 7.70 | 7.85 | 8.09 | -  | 8.07 | 8.23 | 8.48 | -  | 8.38  | 8.55 | 8.82 | -  | 8.65  | 8.83 | 9.11 | -  |
|      | Amps    | 18.3                        | 18.6 | 19.2 | -  | 19.6 | 20.0 | 20.5 | -  | 21.0 | 21.5 | 22.1 | -  | 22.3 | 22.8 | 23.5 | -  | 23.6  | 24.1 | 24.9 | -  | 24.9  | 25.4 | 26.2 | -  |
|      | Hi PR   | 149                         | 160  | 169  | -  | 167  | 179  | 190  | -  | 190  | 204  | 216  | -  | 216  | 232  | 245  | -  | 243   | 262  | 276  | -  | 269   | 289  | 305  | -  |
|      | Lo PR   | 59                          | 63   | 69   | -  | 62   | 66   | 73   | -  | 65   | 69   | 75   | -  | 68   | 73   | 79   | -  | 71    | 76   | 83   | -  | 74    | 79   | 86   | -  |
|      | MBh     | 83.7                        | 86.8 | 95.1 | -  | 81.8 | 84.8 | 92.9 | -  | 79.8 | 82.7 | 90.7 | -  | 77.9 | 80.7 | 88.4 | -  | 74.0  | 76.7 | 84.0 | -  | 68.5  | 71.0 | 77.8 | -  |
|      | S/T     | 0.69                        | 0.58 | 0.40 | -  | 0.71 | 0.60 | 0.41 | -  | 0.73 | 0.61 | 0.42 | -  | 0.76 | 0.63 | 0.44 | -  | 0.79  | 0.66 | 0.45 | -  | 0.79  | 0.66 | 0.46 | -  |
|      | ΔT      | 20                          | 17   | 13   | -  | 20   | 17   | 13   | -  | 20   | 17   | 13   | -  | 20   | 17   | 13   | -  | 20    | 17   | 13   | -  | 18    | 16   | 12   | -  |
| 2700 | kW      | 6.75                        | 6.88 | 7.08 | -  | 7.22 | 7.37 | 7.58 | -  | 7.64 | 7.79 | 8.03 | -  | 8.01 | 8.17 | 8.42 | -  | 8.32  | 8.49 | 8.75 | -  | 8.59  | 8.76 | 9.04 | -  |
|      | Amps    | 18.1                        | 18.5 | 19.0 | -  | 19.4 | 19.8 | 20.4 | -  | 20.9 | 21.3 | 21.9 | -  | 22.1 | 22.6 | 23.3 | -  | 23.4  | 23.9 | 24.6 | -  | 24.7  | 25.2 | 26.0 | -  |
|      | Hi PR   | 147                         | 158  | 167  | -  | 165  | 178  | 188  | -  | 188  | 202  | 213  | -  | 214  | 230  | 243  | -  | 241   | 259  | 273  | -  | 266   | 286  | 302  | -  |
|      | Lo PR   | 59                          | 62   | 68   | -  | 62   | 66   | 72   | -  | 64   | 68   | 75   | -  | 68   | 72   | 78   | -  | 71    | 75   | 82   | -  | 73    | 78   | 85   | -  |
|      | MBh     | 77.3                        | 80.1 | 87.8 | -  | 75.5 | 78.2 | 85.7 | -  | 73.7 | 76.4 | 83.7 | -  | 71.9 | 74.5 | 81.6 | -  | 68.3  | 70.8 | 77.5 | -  | 63.3  | 65.6 | 71.8 | -  |
|      | S/T     | 0.67                        | 0.56 | 0.38 | -  | 0.69 | 0.58 | 0.40 | -  | 0.71 | 0.59 | 0.41 | -  | 0.73 | 0.61 | 0.42 | -  | 0.76  | 0.63 | 0.44 | -  | 0.76  | 0.64 | 0.44 | -  |
|      | ΔT      | 20                          | 17   | 13   | -  | 20   | 18   | 13   | -  | 20   | 18   | 13   | -  | 20   | 18   | 13   | -  | 20    | 17   | 13   | -  | 19    | 16   | 12   | -  |
|      | kW      | 6.61                        | 6.73 | 6.93 | -  | 7.07 | 7.20 | 7.41 | -  | 7.47 | 7.62 | 7.84 | -  | 7.82 | 7.98 | 8.22 | -  | 8.13  | 8.29 | 8.54 | -  | 8.39  | 8.56 | 8.82 | -  |
|      | Amps    | 17.7                        | 18.1 | 18.6 | -  | 18.9 | 19.3 | 19.9 | -  | 20.4 | 20.8 | 21.4 | -  | 21.6 | 22.1 | 22.7 | -  | 22.8  | 23.3 | 24.0 | -  | 24.0  | 24.6 | 25.3 | -  |
|      | Hi PR   | 143                         | 154  | 162  | -  | 160  | 172  | 182  | -  | 182  | 196  | 207  | -  | 207  | 223  | 236  | -  | 233   | 251  | 265  | -  | 258   | 278  | 293  | -  |
|      | Lo PR   | 57                          | 60   | 66   | -  | 60   | 64   | 70   | -  | 62   | 66   | 72   | -  | 65   | 70   | 76   | -  | 69    | 73   | 80   | -  | 71    | 76   | 82   | -  |

|      |       |      |      |      |       |      |      |      |       |      |      |      |       |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 3038 | MBh   | 87.7 | 90.3 | 97.7 | 104.9 | 85.7 | 88.2 | 95.5 | 102.5 | 83.6 | 86.1 | 93.2 | 100.0 | 81.6 | 84.0 | 90.9 | 97.6 | 77.5 | 79.8 | 86.4 | 92.7 | 71.8 | 73.9 | 80.0 | 85.9 |
|      | S/T   | 0.82 | 0.74 | 0.56 | 0.36  | 0.85 | 0.76 | 0.58 | 0.37  | 0.87 | 0.78 | 0.59 | 0.38  | 0.90 | 0.81 | 0.61 | 0.39 | 0.94 | 0.84 | 0.63 | 0.41 | 0.94 | 0.84 | 0.64 | 0.41 |
|      | ΔT    | 22   | 20   | 16   | 11    | 22   | 20   | 17   | 12    | 22   | 20   | 17   | 12    | 22   | 21   | 17   | 12   | 22   | 20   | 17   | 11   | 21   | 19   | 15   | 11   |
|      | kW    | 6.85 | 6.99 | 7.19 | 7.40  | 7.33 | 7.48 | 7.70 | 7.93  | 7.76 | 7.91 | 8.15 | 8.40  | 8.13 | 8.30 | 8.55 | 8.82 | 8.45 | 8.62 | 8.89 | 9.17 | 8.72 | 8.90 | 9.18 | 9.47 |
|      | Amps  | 18.4 | 18.8 | 19.3 | 20.0  | 19.7 | 20.1 | 20.7 | 21.4  | 21.2 | 21.7 | 22.3 | 23.1  | 22.5 | 23.0 | 23.7 | 24.5 | 23.8 | 24.3 | 25.1 | 25.9 | 25.1 | 25.6 | 26.4 | 27.3 |
|      | Hi PR | 150  | 162  | 171  | 178   | 168  | 181  | 191  | 200   | 192  | 206  | 218  | 227   | 218  | 235  | 248  | 259  | 245  | 264  | 279  | 291  | 271  | 292  | 308  | 321  |
|      | Lo PR | 60   | 64   | 69   | 74    | 63   | 67   | 73   | 78    | 66   | 70   | 76   | 81    | 69   | 73   | 80   | 85   | 72   | 77   | 84   | 89   | 75   | 79   | 87   | 92   |
|      | MBh   | 85.1 | 87.7 | 94.9 | 101.8 | 83.2 | 85.6 | 92.7 | 99.5  | 81.2 | 83.6 | 90.5 | 97.1  | 79.2 | 81.5 | 88.3 | 94.7 | 75.2 | 77.5 | 83.9 | 90.0 | 69.7 | 71.8 | 77.7 | 83.4 |
|      | S/T   | 0.78 | 0.70 | 0.53 | 0.34  | 0.81 | 0.73 | 0.55 | 0.35  | 0.83 | 0.75 | 0.56 | 0.36  | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.80 | 0.60 | 0.39 | 0.90 | 0.81 | 0.61 | 0.39 |
|      | ΔT    | 23   | 21   | 17   | 12    | 23   | 21   | 17   | 12    | 23   | 21   | 17   | 12    | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 21   | 20   | 16   | 11   |
| 2700 | kW    | 6.80 | 6.93 | 7.13 | 7.34  | 7.28 | 7.42 | 7.64 | 7.87  | 7.70 | 7.85 | 8.09 | 8.34  | 8.07 | 8.23 | 8.48 | 8.75 | 8.38 | 8.56 | 8.82 | 9.10 | 8.65 | 8.83 | 9.11 | 9.40 |
|      | Amps  | 18.3 | 18.7 | 19.2 | 19.8  | 19.6 | 20.0 | 20.5 | 21.2  | 21.0 | 21.5 | 22.1 | 22.9  | 22.3 | 22.8 | 23.5 | 24.3 | 23.6 | 24.1 | 24.9 | 25.7 | 24.9 | 25.4 | 26.2 | 27.1 |
|      | Hi PR | 149  | 160  | 169  | 176   | 167  | 179  | 190  | 198   | 190  | 204  | 216  | 225   | 216  | 233  | 246  | 256  | 243  | 262  | 276  | 288  | 269  | 289  | 305  | 318  |
|      | Lo PR | 59   | 63   | 69   | 73    | 62   | 66   | 73   | 77    | 65   | 69   | 75   | 80    | 68   | 73   | 79   | 84   | 71   | 76   | 83   | 88   | 74   | 79   | 86   | 91   |
|      | MBh   | 78.6 | 80.9 | 87.6 | 94.0  | 76.8 | 79.0 | 85.5 | 91.8  | 74.9 | 77.1 | 83.5 | 89.6  | 73.1 | 75.3 | 81.5 | 87.4 | 69.4 | 71.5 | 77.4 | 83.1 | 64.3 | 66.2 | 71.7 | 76.9 |
|      | S/T   | 0.76 | 0.68 | 0.51 | 0.33  | 0.78 | 0.70 | 0.53 | 0.34  | 0.80 | 0.72 | 0.54 | 0.35  | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 |
|      | ΔT    | 23   | 21   | 17   | 12    | 23   | 22   | 18   | 12    | 23   | 22   | 18   | 12    | 24   | 22   | 18   | 12   | 23   | 21   | 18   | 12   | 22   | 20   | 16   | 11   |
|      | kW    | 6.66 | 6.78 | 6.98 | 7.18  | 7.12 | 7.26 | 7.47 | 7.69  | 7.52 | 7.67 | 7.90 | 8.14  | 7.88 | 8.04 | 8.29 | 8.54 | 8.19 | 8.36 | 8.61 | 8.88 | 8.45 | 8.63 | 8.89 | 9.17 |
|      | Amps  | 17.8 | 18.2 | 18.7 | 19.3  | 19.1 | 19.5 | 20.1 | 20.7  | 20.5 | 21.0 | 21.6 | 22.3  | 21.8 | 22.2 | 22.9 | 23.7 | 23.0 | 23.5 | 24.2 | 25.1 | 24.2 | 24.8 | 25.5 | 26.4 |
|      | Hi PR | 144  | 155  | 164  | 171   | 162  | 174  | 184  | 192   | 184  | 198  | 209  | 218   | 210  | 226  | 238  | 248  | 236  | 254  | 268  | 279  | 261  | 280  | 296  | 309  |
|      | Lo PR | 57   | 61   | 67   | 71    | 61   | 64   | 70   | 75    | 63   | 67   | 73   | 78    | 66   | 70   | 77   | 82   | 69   | 74   | 81   | 86   | 72   | 76   | 83   | 89   |

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

# EXPANDED COOLING DATA — GSC100903AA / AR090 (CONT.)

|      |         | Outdoor Ambient Temperature |      |      |       |      |      |      |       |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |
|------|---------|-----------------------------|------|------|-------|------|------|------|-------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|
|      |         | 65°F                        |      |      |       | 75°F |      |      |       | 85°F |      |      |      | 95°F |      |      |      | 105°F |      |      |      | 115°F |      |      |      |
| IDB  | Airflow | 59                          | 63   | 67   | 71    | 59   | 63   | 67   | 71    | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |
| 80   | MBh     | 89.3                        | 91.2 | 97.4 | 104.2 | 87.2 | 89.1 | 95.2 | 101.7 | 85.1 | 87.0 | 92.9 | 99.3 | 83.0 | 84.8 | 90.6 | 96.9 | 78.9  | 80.6 | 86.1 | 92.0 | 73.1  | 74.7 | 79.8 | 85.3 |
|      | S/T     | 0.90                        | 0.85 | 0.69 | 0.51  | 0.93 | 0.88 | 0.71 | 0.53  | 0.96 | 0.90 | 0.73 | 0.55 | 1.00 | 0.93 | 0.75 | 0.56 | 1.00  | 0.96 | 0.78 | 0.59 | 1.00  | 0.97 | 0.79 | 0.59 |
|      | ΔT      | 24                          | 23   | 20   | 16    | 25   | 24   | 21   | 16    | 25   | 24   | 21   | 16   | 25   | 24   | 21   | 17   | 24    | 23   | 20   | 16   | 22    | 22   | 19   | 15   |
|      | kW      | 6.90                        | 7.04 | 7.24 | 7.45  | 7.39 | 7.53 | 7.76 | 7.99  | 7.82 | 7.97 | 8.21 | 8.47 | 8.19 | 8.36 | 8.62 | 8.89 | 8.51  | 8.69 | 8.96 | 9.24 | 8.79  | 8.98 | 9.25 | 9.55 |
|      | Amps    | 18.6                        | 18.9 | 19.5 | 20.1  | 19.9 | 20.3 | 20.9 | 21.6  | 21.4 | 21.8 | 22.5 | 23.3 | 22.7 | 23.2 | 23.9 | 24.7 | 24.0  | 24.5 | 25.3 | 26.2 | 25.3  | 25.9 | 26.7 | 27.6 |
|      | Hi PR   | 152                         | 163  | 172  | 180   | 170  | 183  | 193  | 202   | 194  | 208  | 220  | 229  | 220  | 237  | 250  | 261  | 248   | 267  | 282  | 294  | 274   | 295  | 311  | 325  |
|      | Lo PR   | 60                          | 64   | 70   | 75    | 64   | 68   | 74   | 79    | 66   | 70   | 77   | 82   | 70   | 74   | 81   | 86   | 73    | 78   | 85   | 90   | 75    | 80   | 88   | 93   |
|      | MBh     | 86.7                        | 88.5 | 94.6 | 101.1 | 84.6 | 86.5 | 92.4 | 98.8  | 82.6 | 84.4 | 90.2 | 96.4 | 80.6 | 82.4 | 88.0 | 94.1 | 76.6  | 78.2 | 83.6 | 89.4 | 70.9  | 72.5 | 77.4 | 82.8 |
|      | S/T     | 0.86                        | 0.81 | 0.66 | 0.49  | 0.89 | 0.84 | 0.68 | 0.51  | 0.91 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.98  | 0.92 | 0.75 | 0.56 | 0.99  | 0.93 | 0.75 | 0.56 |
|      | ΔT      | 25                          | 24   | 21   | 17    | 26   | 25   | 21   | 17    | 26   | 25   | 21   | 17   | 26   | 25   | 22   | 17   | 26    | 24   | 21   | 17   | 24    | 23   | 20   | 16   |
| 2700 | kW      | 6.85                        | 6.99 | 7.19 | 7.40  | 7.33 | 7.48 | 7.70 | 7.93  | 7.76 | 7.91 | 8.15 | 8.40 | 8.13 | 8.30 | 8.55 | 8.82 | 8.45  | 8.62 | 8.89 | 9.17 | 8.72  | 8.91 | 9.18 | 9.47 |
|      | Amps    | 18.4                        | 18.8 | 19.3 | 20.0  | 19.7 | 20.1 | 20.7 | 21.4  | 21.2 | 21.7 | 22.3 | 23.1 | 22.5 | 23.0 | 23.7 | 24.5 | 23.8  | 24.3 | 25.1 | 25.9 | 25.1  | 25.6 | 26.4 | 27.3 |
|      | Hi PR   | 150                         | 162  | 171  | 178   | 168  | 181  | 191  | 200   | 192  | 206  | 218  | 227  | 218  | 235  | 248  | 259  | 246   | 264  | 279  | 291  | 271   | 292  | 308  | 322  |
|      | Lo PR   | 60                          | 64   | 69   | 74    | 63   | 67   | 73   | 78    | 66   | 70   | 76   | 81   | 69   | 73   | 80   | 85   | 72    | 77   | 84   | 89   | 75    | 79   | 87   | 92   |
|      | MBh     | 80.0                        | 81.7 | 87.3 | 93.3  | 78.1 | 79.8 | 85.3 | 91.2  | 76.3 | 77.9 | 83.3 | 89.0 | 74.4 | 76.0 | 81.2 | 86.8 | 70.7  | 72.2 | 77.2 | 82.5 | 65.5  | 66.9 | 71.5 | 76.4 |
|      | S/T     | 0.83                        | 0.78 | 0.63 | 0.47  | 0.86 | 0.81 | 0.66 | 0.49  | 0.88 | 0.83 | 0.67 | 0.50 | 0.91 | 0.85 | 0.69 | 0.52 | 0.94  | 0.89 | 0.72 | 0.54 | 0.95  | 0.89 | 0.73 | 0.54 |
|      | ΔT      | 26                          | 25   | 22   | 17    | 26   | 25   | 22   | 17    | 26   | 25   | 22   | 17   | 26   | 25   | 22   | 18   | 26    | 25   | 22   | 17   | 24    | 23   | 20   | 16   |
|      | kW      | 6.71                        | 6.83 | 7.03 | 7.23  | 7.17 | 7.31 | 7.52 | 7.75  | 7.58 | 7.73 | 7.96 | 8.21 | 7.94 | 8.11 | 8.35 | 8.61 | 8.25  | 8.42 | 8.68 | 8.95 | 8.52  | 8.69 | 8.96 | 9.25 |
|      | Amps    | 18.0                        | 18.4 | 18.9 | 19.5  | 19.2 | 19.6 | 20.2 | 20.9  | 20.7 | 21.1 | 21.8 | 22.5 | 22.0 | 22.4 | 23.1 | 23.9 | 23.2  | 23.7 | 24.4 | 25.3 | 24.4  | 25.0 | 25.8 | 26.6 |
|      | Hi PR   | 146                         | 157  | 166  | 173   | 163  | 176  | 186  | 194   | 186  | 200  | 211  | 220  | 212  | 228  | 241  | 251  | 238   | 256  | 271  | 282  | 263   | 283  | 299  | 312  |
|      | Lo PR   | 58                          | 62   | 67   | 72    | 61   | 65   | 71   | 76    | 64   | 68   | 74   | 79   | 67   | 71   | 78   | 83   | 70    | 74   | 81   | 87   | 72    | 77   | 84   | 90   |

|      |       |      |      |      |       |      |      |      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85   | MBh   | 90.8 | 92.6 | 97.0 | 103.4 | 88.7 | 90.4 | 94.7 | 101.0 | 86.6 | 88.3 | 92.4 | 98.6 | 84.5 | 86.1 | 90.2 | 96.2 | 80.3 | 81.8 | 85.7 | 91.4 | 74.3 | 75.8 | 79.4 | 84.7 |
|      | S/T   | 0.95 | 0.91 | 0.82 | 0.67  | 0.98 | 0.95 | 0.85 | 0.69  | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.94 | 0.77 |
|      | ΔT    | 26   | 26   | 24   | 21    | 26   | 26   | 24   | 21    | 26   | 26   | 24   | 21   | 26   | 26   | 25   | 21   | 24   | 25   | 24   | 21   | 23   | 23   | 23   | 20   |
|      | kW    | 6.95 | 7.09 | 7.29 | 7.51  | 7.44 | 7.59 | 7.82 | 8.05  | 7.87 | 8.03 | 8.28 | 8.53 | 8.26 | 8.43 | 8.68 | 8.96 | 8.58 | 8.76 | 9.03 | 9.31 | 8.86 | 9.05 | 9.33 | 9.63 |
|      | Amps  | 18.7 | 19.1 | 19.6 | 20.3  | 20.0 | 20.5 | 21.1 | 21.8  | 21.6 | 22.0 | 22.7 | 23.4 | 22.9 | 23.4 | 24.1 | 24.9 | 24.2 | 24.7 | 25.5 | 26.4 | 25.5 | 26.1 | 26.9 | 27.8 |
|      | Hi PR | 153  | 165  | 174  | 182   | 172  | 185  | 195  | 204   | 195  | 210  | 222  | 232  | 223  | 240  | 253  | 264  | 250  | 270  | 285  | 297  | 277  | 298  | 314  | 328  |
|      | Lo PR | 61   | 65   | 71   | 75    | 64   | 68   | 75   | 80    | 67   | 71   | 78   | 83   | 70   | 75   | 82   | 87   | 74   | 78   | 86   | 91   | 76   | 81   | 88   | 94   |
|      | MBh   | 88.2 | 89.9 | 94.1 | 100.4 | 86.1 | 87.8 | 91.9 | 98.1  | 84.1 | 85.7 | 89.7 | 95.7 | 82.0 | 83.6 | 87.6 | 93.4 | 77.9 | 79.4 | 83.2 | 88.7 | 72.2 | 73.6 | 77.1 | 82.2 |
|      | S/T   | 0.90 | 0.87 | 0.79 | 0.64  | 0.93 | 0.90 | 0.81 | 0.66  | 0.96 | 0.92 | 0.83 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.73 | 1.00 | 1.00 | 0.90 | 0.73 |
|      | ΔT    | 27   | 27   | 25   | 22    | 27   | 27   | 25   | 22    | 27   | 27   | 25   | 22   | 28   | 27   | 26   | 22   | 27   | 27   | 25   | 22   | 25   | 25   | 24   | 20   |
| 2700 | kW    | 6.90 | 7.04 | 7.24 | 7.45  | 7.39 | 7.53 | 7.76 | 7.99  | 7.82 | 7.97 | 8.21 | 8.47 | 8.19 | 8.36 | 8.62 | 8.89 | 8.51 | 8.69 | 8.96 | 9.24 | 8.79 | 8.98 | 9.25 | 9.55 |
|      | Amps  | 18.6 | 18.9 | 19.5 | 20.1  | 19.9 | 20.3 | 20.9 | 21.6  | 21.4 | 21.8 | 22.5 | 23.3 | 22.7 | 23.2 | 23.9 | 24.7 | 24.0 | 24.5 | 25.3 | 26.2 | 25.3 | 25.9 | 26.7 | 27.6 |
|      | Hi PR | 152  | 163  | 172  | 180   | 170  | 183  | 193  | 202   | 194  | 208  | 220  | 229  | 220  | 237  | 250  | 261  | 248  | 267  | 282  | 294  | 274  | 295  | 311  | 325  |
|      | Lo PR | 60   | 64   | 70   | 75    | 64   | 68   | 74   | 79    | 66   | 70   | 77   | 82   | 70   | 74   | 81   | 86   | 73   | 78   | 85   | 90   | 75   | 80   | 88   | 93   |
|      | MBh   | 81.4 | 83.0 | 86.9 | 92.7  | 79.5 | 81.0 | 84.9 | 90.5  | 77.6 | 79.1 | 82.8 | 88.4 | 75.7 | 77.2 | 80.8 | 86.2 | 71.9 | 73.3 | 76.8 | 81.9 | 66.6 | 67.9 | 71.1 | 75.9 |
|      | S/T   | 0.87 | 0.84 | 0.76 | 0.61  | 0.90 | 0.87 | 0.78 | 0.64  | 0.92 | 0.89 | 0.80 | 0.65 | 0.95 | 0.92 | 0.83 | 0.67 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.96 | 0.87 | 0.71 |
|      | ΔT    | 28   | 27   | 26   | 22    | 28   | 27   | 26   | 22    | 28   | 27   | 26   | 22   | 28   | 28   | 26   | 23   | 28   | 27   | 26   | 22   | 26   | 25   | 24   | 21   |
|      | kW    | 6.75 | 6.88 | 7.08 | 7.29  | 7.22 | 7.37 | 7.58 | 7.81  | 7.64 | 7.79 | 8.02 | 8.27 | 8.00 | 8.17 | 8.42 | 8.68 | 8.32 | 8.49 | 8.75 | 9.02 | 8.58 | 8.76 | 9.03 | 9.32 |
|      | Amps  | 18.1 | 18.5 | 19.0 | 19.6  | 19.4 | 19.8 | 20.4 | 21.0  | 20.9 | 21.3 | 21.9 | 22.7 | 22.1 | 22.6 | 23.3 | 24.1 | 23.4 | 23.9 | 24.6 | 25.5 | 24.7 | 25.2 | 26.0 | 26.9 |
|      | Hi PR | 147  | 158  | 167  | 174   | 165  | 178  | 188  | 196   | 188  | 202  | 213  | 222  | 214  | 230  | 243  | 253  | 241  | 259  | 273  | 285  | 266  | 286  | 302  | 315  |
|      | Lo PR | 59   | 62   | 68   | 72    | 62   | 66   | 72   | 76    | 64   | 68   | 75   | 79   | 67   | 72   | 78   | 83   | 71   | 75   | 82   | 87   | 73   | 78   | 85   | 90   |

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

# EXPANDED COOLING DATA — GSC100904AA / AR090

|      |         | Outdoor Ambient Temperature |      |      |    |      |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |       |      |      |    |
|------|---------|-----------------------------|------|------|----|------|------|------|----|------|------|------|----|------|------|------|----|-------|------|------|----|-------|------|------|----|
|      |         | 65°F                        |      |      |    | 75°F |      |      |    | 85°F |      |      |    | 95°F |      |      |    | 105°F |      |      |    | 115°F |      |      |    |
| IDB  | Airflow | 59                          | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59   | 63   | 67   | 71 | 59    | 63   | 67   | 71 | 59    | 63   | 67   | 71 |
| 70   | MBh     | 86.2                        | 89.4 | 97.9 | -  | 84.2 | 87.3 | 95.6 | -  | 82.2 | 85.2 | 93.4 | -  | 80.2 | 83.1 | 91.1 | -  | 76.2  | 79.0 | 86.5 | -  | 70.6  | 73.2 | 80.2 | -  |
|      | S/T     | 0.72                        | 0.60 | 0.42 | -  | 0.75 | 0.63 | 0.43 | -  | 0.77 | 0.64 | 0.44 | -  | 0.79 | 0.66 | 0.46 | -  | 0.82  | 0.69 | 0.48 | -  | 0.83  | 0.69 | 0.48 | -  |
|      | ΔT      | 19                          | 16   | 12   | -  | 19   | 17   | 13   | -  | 19   | 17   | 13   | -  | 19   | 17   | 13   | -  | 19    | 16   | 12   | -  | 18    | 15   | 12   | -  |
|      | kW      | 6.84                        | 6.96 | 7.16 | -  | 7.30 | 7.44 | 7.65 | -  | 7.71 | 7.86 | 8.09 | -  | 8.07 | 8.23 | 8.48 | -  | 8.38  | 8.55 | 8.80 | -  | 8.64  | 8.82 | 9.09 | -  |
|      | Amps    | 9.1                         | 9.3  | 9.5  | -  | 9.7  | 9.9  | 10.2 | -  | 10.5 | 10.7 | 11.0 | -  | 11.1 | 11.4 | 11.7 | -  | 11.7  | 12.0 | 12.4 | -  | 12.4  | 12.7 | 13.0 | -  |
|      | Hi PR   | 149                         | 160  | 169  | -  | 167  | 179  | 190  | -  | 190  | 204  | 216  | -  | 216  | 232  | 245  | -  | 243   | 262  | 276  | -  | 269   | 289  | 305  | -  |
|      | Lo PR   | 59                          | 63   | 69   | -  | 62   | 66   | 73   | -  | 65   | 69   | 75   | -  | 68   | 73   | 79   | -  | 71    | 76   | 83   | -  | 74    | 79   | 86   | -  |
|      | MBh     | 83.7                        | 86.8 | 95.1 | -  | 81.8 | 84.8 | 92.9 | -  | 79.8 | 82.7 | 90.7 | -  | 77.9 | 80.7 | 88.4 | -  | 74.0  | 76.7 | 84.0 | -  | 68.5  | 71.0 | 77.8 | -  |
|      | S/T     | 0.69                        | 0.58 | 0.40 | -  | 0.71 | 0.60 | 0.41 | -  | 0.73 | 0.61 | 0.42 | -  | 0.76 | 0.63 | 0.44 | -  | 0.79  | 0.66 | 0.45 | -  | 0.79  | 0.66 | 0.46 | -  |
|      | ΔT      | 20                          | 17   | 13   | -  | 20   | 17   | 13   | -  | 20   | 17   | 13   | -  | 20   | 17   | 13   | -  | 20    | 17   | 13   | -  | 18    | 16   | 12   | -  |
| 2700 | kW      | 6.79                        | 6.91 | 7.11 | -  | 7.25 | 7.39 | 7.60 | -  | 7.65 | 7.80 | 8.03 | -  | 8.01 | 8.17 | 8.41 | -  | 8.32  | 8.48 | 8.74 | -  | 8.58  | 8.75 | 9.02 | -  |
|      | Amps    | 9.0                         | 9.2  | 9.5  | -  | 9.7  | 9.9  | 10.1 | -  | 10.4 | 10.6 | 10.9 | -  | 11.0 | 11.3 | 11.6 | -  | 11.6  | 11.9 | 12.3 | -  | 12.3  | 12.5 | 12.9 | -  |
|      | Hi PR   | 147                         | 158  | 167  | -  | 165  | 178  | 188  | -  | 188  | 202  | 213  | -  | 214  | 230  | 243  | -  | 241   | 259  | 273  | -  | 266   | 286  | 302  | -  |
|      | Lo PR   | 59                          | 62   | 68   | -  | 62   | 66   | 72   | -  | 64   | 68   | 75   | -  | 68   | 72   | 78   | -  | 71    | 75   | 82   | -  | 73    | 78   | 85   | -  |
|      | MBh     | 77.3                        | 80.1 | 87.8 | -  | 75.5 | 78.2 | 85.7 | -  | 73.7 | 76.4 | 83.7 | -  | 71.9 | 74.5 | 81.6 | -  | 68.3  | 70.8 | 77.5 | -  | 63.3  | 65.6 | 71.8 | -  |
|      | S/T     | 0.67                        | 0.56 | 0.38 | -  | 0.69 | 0.58 | 0.40 | -  | 0.71 | 0.59 | 0.41 | -  | 0.73 | 0.61 | 0.42 | -  | 0.76  | 0.63 | 0.44 | -  | 0.76  | 0.64 | 0.44 | -  |
|      | ΔT      | 20                          | 17   | 13   | -  | 20   | 18   | 13   | -  | 20   | 18   | 13   | -  | 20   | 18   | 13   | -  | 20    | 17   | 13   | -  | 19    | 16   | 12   | -  |
|      | kW      | 6.65                        | 6.77 | 6.96 | -  | 7.09 | 7.23 | 7.43 | -  | 7.49 | 7.63 | 7.85 | -  | 7.83 | 7.99 | 8.22 | -  | 8.13  | 8.29 | 8.54 | -  | 8.38  | 8.55 | 8.81 | -  |
|      | Amps    | 8.8                         | 9.0  | 9.2  | -  | 9.4  | 9.6  | 9.9  | -  | 10.1 | 10.4 | 10.7 | -  | 10.7 | 11.0 | 11.3 | -  | 11.4  | 11.6 | 12.0 | -  | 12.0  | 12.2 | 12.6 | -  |
|      | Hi PR   | 143                         | 154  | 162  | -  | 160  | 172  | 182  | -  | 182  | 196  | 207  | -  | 207  | 223  | 236  | -  | 233   | 251  | 265  | -  | 258   | 278  | 293  | -  |
|      | Lo PR   | 57                          | 60   | 66   | -  | 60   | 64   | 70   | -  | 62   | 66   | 72   | -  | 65   | 70   | 76   | -  | 69    | 73   | 80   | -  | 71    | 76   | 82   | -  |

|      |       |      |      |      |       |      |      |      |       |      |      |      |       |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75   | MBh   | 87.7 | 90.3 | 97.7 | 104.9 | 85.7 | 88.2 | 95.5 | 102.5 | 83.6 | 86.1 | 93.2 | 100.0 | 81.6 | 84.0 | 90.9 | 97.6 | 77.5 | 79.8 | 86.4 | 92.7 | 71.8 | 73.9 | 80.0 | 85.9 |
|      | S/T   | 0.82 | 0.74 | 0.56 | 0.36  | 0.85 | 0.76 | 0.58 | 0.37  | 0.87 | 0.78 | 0.59 | 0.38  | 0.90 | 0.81 | 0.61 | 0.39 | 0.94 | 0.84 | 0.63 | 0.41 | 0.94 | 0.84 | 0.64 | 0.41 |
|      | ΔT    | 22   | 20   | 16   | 11    | 22   | 20   | 17   | 12    | 22   | 20   | 17   | 12    | 22   | 21   | 17   | 12   | 22   | 20   | 17   | 11   | 21   | 19   | 15   | 11   |
|      | kW    | 6.88 | 7.01 | 7.21 | 7.42  | 7.35 | 7.50 | 7.71 | 7.94  | 7.77 | 7.92 | 8.15 | 8.40  | 8.13 | 8.30 | 8.54 | 8.80 | 8.44 | 8.61 | 8.87 | 9.15 | 8.71 | 8.89 | 9.16 | 9.44 |
|      | Amps  | 9.2  | 9.4  | 9.6  | 9.9   | 9.8  | 10.0 | 10.3 | 10.7  | 10.6 | 10.8 | 11.1 | 11.5  | 11.2 | 11.4 | 11.8 | 12.2 | 11.8 | 12.1 | 12.5 | 12.9 | 12.5 | 12.8 | 13.2 | 13.6 |
|      | Hi PR | 150  | 162  | 171  | 178   | 168  | 181  | 191  | 200   | 192  | 206  | 218  | 227   | 218  | 235  | 248  | 259  | 245  | 264  | 279  | 291  | 271  | 292  | 308  | 321  |
|      | Lo PR | 60   | 64   | 69   | 74    | 63   | 67   | 73   | 78    | 66   | 70   | 76   | 81    | 69   | 73   | 80   | 85   | 72   | 77   | 84   | 89   | 75   | 79   | 87   | 92   |
|      | MBh   | 85.1 | 87.7 | 94.9 | 101.8 | 83.2 | 85.6 | 92.7 | 99.5  | 81.2 | 83.6 | 90.5 | 97.1  | 79.2 | 81.5 | 88.3 | 94.7 | 75.2 | 77.5 | 83.9 | 90.0 | 69.7 | 71.8 | 77.7 | 83.4 |
|      | S/T   | 0.78 | 0.70 | 0.53 | 0.34  | 0.81 | 0.73 | 0.55 | 0.35  | 0.83 | 0.75 | 0.56 | 0.36  | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.80 | 0.60 | 0.39 | 0.90 | 0.81 | 0.61 | 0.39 |
|      | ΔT    | 23   | 21   | 17   | 12    | 23   | 21   | 17   | 12    | 23   | 21   | 17   | 12    | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 21   | 20   | 16   | 11   |
| 2700 | kW    | 6.84 | 6.96 | 7.16 | 7.36  | 7.30 | 7.44 | 7.65 | 7.88  | 7.71 | 7.86 | 8.09 | 8.33  | 8.07 | 8.23 | 8.48 | 8.74 | 8.38 | 8.55 | 8.81 | 9.08 | 8.65 | 8.82 | 9.09 | 9.37 |
|      | Amps  | 9.1  | 9.3  | 9.5  | 9.9   | 9.7  | 9.9  | 10.2 | 10.6  | 10.5 | 10.7 | 11.0 | 11.4  | 11.1 | 11.4 | 11.7 | 12.1 | 11.7 | 12.0 | 12.4 | 12.8 | 12.4 | 12.7 | 13.0 | 13.5 |
|      | Hi PR | 149  | 160  | 169  | 176   | 167  | 179  | 190  | 198   | 190  | 204  | 216  | 225   | 216  | 233  | 246  | 256  | 243  | 262  | 276  | 288  | 269  | 289  | 305  | 318  |
|      | Lo PR | 59   | 63   | 69   | 73    | 62   | 66   | 73   | 77    | 65   | 69   | 75   | 80    | 68   | 73   | 79   | 84   | 71   | 76   | 83   | 88   | 74   | 79   | 86   | 91   |
|      | MBh   | 78.6 | 80.9 | 87.6 | 94.0  | 76.8 | 79.0 | 85.5 | 91.8  | 74.9 | 77.1 | 83.5 | 89.6  | 73.1 | 75.3 | 81.5 | 87.4 | 69.4 | 71.5 | 77.4 | 83.1 | 64.3 | 66.2 | 71.7 | 76.9 |
|      | S/T   | 0.76 | 0.68 | 0.51 | 0.33  | 0.78 | 0.70 | 0.53 | 0.34  | 0.80 | 0.72 | 0.54 | 0.35  | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 |
|      | ΔT    | 23   | 21   | 17   | 12    | 23   | 22   | 18   | 12    | 23   | 22   | 18   | 12    | 24   | 22   | 18   | 12   | 23   | 21   | 18   | 12   | 22   | 20   | 16   | 11   |
|      | kW    | 6.69 | 6.82 | 7.01 | 7.20  | 7.14 | 7.28 | 7.49 | 7.70  | 7.54 | 7.69 | 7.91 | 8.15  | 7.89 | 8.05 | 8.28 | 8.53 | 8.19 | 8.35 | 8.60 | 8.87 | 8.45 | 8.62 | 8.88 | 9.15 |
|      | Amps  | 8.9  | 9.1  | 9.3  | 9.6   | 9.5  | 9.7  | 10.0 | 10.3  | 10.2 | 10.4 | 10.7 | 11.1  | 10.8 | 11.1 | 11.4 | 11.8 | 11.5 | 11.7 | 12.1 | 12.5 | 12.1 | 12.3 | 12.7 | 13.1 |
|      | Hi PR | 144  | 155  | 164  | 171   | 162  | 174  | 184  | 192   | 184  | 198  | 209  | 218   | 210  | 226  | 238  | 248  | 236  | 254  | 268  | 279  | 261  | 280  | 296  | 309  |
|      | Lo PR | 57   | 61   | 67   | 71    | 61   | 64   | 70   | 75    | 63   | 67   | 73   | 78    | 66   | 70   | 77   | 82   | 69   | 74   | 81   | 86   | 72   | 76   | 83   | 89   |

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

# EXPANDED COOLING DATA — GSC100904AA / AR090 (CONT.)

|      |         | Outdoor Ambient Temperature |      |      |       |      |      |      |       |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |
|------|---------|-----------------------------|------|------|-------|------|------|------|-------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|
|      |         | 65°F                        |      |      |       | 75°F |      |      |       | 85°F |      |      |      | 95°F |      |      |      | 105°F |      |      |      | 115°F |      |      |      |
| IDB  | Airflow | 59                          | 63   | 67   | 71    | 59   | 63   | 67   | 71    | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |
| 80   | MBh     | 89.3                        | 91.2 | 97.4 | 104.2 | 87.2 | 89.1 | 95.2 | 101.7 | 85.1 | 87.0 | 92.9 | 99.3 | 83.0 | 84.8 | 90.6 | 96.9 | 78.9  | 80.6 | 86.1 | 92.0 | 73.1  | 74.7 | 79.8 | 85.3 |
|      | S/T     | 0.90                        | 0.85 | 0.69 | 0.51  | 0.93 | 0.88 | 0.71 | 0.53  | 0.96 | 0.90 | 0.73 | 0.55 | 1.00 | 0.93 | 0.75 | 0.56 | 1.00  | 0.96 | 0.78 | 0.59 | 1.00  | 0.97 | 0.79 | 0.59 |
|      | ΔT      | 24                          | 23   | 20   | 16    | 25   | 24   | 21   | 16    | 25   | 24   | 21   | 16   | 25   | 24   | 21   | 17   | 24    | 23   | 20   | 16   | 22    | 22   | 19   | 15   |
|      | kW      | 6.93                        | 7.06 | 7.26 | 7.47  | 7.41 | 7.55 | 7.77 | 8.00  | 7.83 | 7.98 | 8.21 | 8.46 | 8.19 | 8.36 | 8.61 | 8.87 | 8.51  | 8.68 | 8.94 | 9.22 | 8.78  | 8.96 | 9.23 | 9.52 |
|      | Amps    | 9.2                         | 9.4  | 9.7  | 10.0  | 9.9  | 10.1 | 10.4 | 10.7  | 10.6 | 10.9 | 11.2 | 11.6 | 11.3 | 11.5 | 11.9 | 12.3 | 11.9  | 12.2 | 12.6 | 13.0 | 12.6  | 12.9 | 13.3 | 13.7 |
|      | Hi PR   | 152                         | 163  | 172  | 180   | 170  | 183  | 193  | 202   | 194  | 208  | 220  | 229  | 220  | 237  | 250  | 261  | 248   | 267  | 282  | 294  | 274   | 295  | 311  | 325  |
|      | Lo PR   | 60                          | 64   | 70   | 75    | 64   | 68   | 74   | 79    | 66   | 70   | 77   | 82   | 70   | 74   | 81   | 86   | 73    | 78   | 85   | 90   | 75    | 80   | 88   | 93   |
|      | MBh     | 86.7                        | 88.5 | 94.6 | 101.1 | 84.6 | 86.5 | 92.4 | 98.8  | 82.6 | 84.4 | 90.2 | 96.4 | 80.6 | 82.4 | 88.0 | 94.1 | 76.6  | 78.2 | 83.6 | 89.4 | 70.9  | 72.5 | 77.4 | 82.8 |
|      | S/T     | 0.86                        | 0.81 | 0.66 | 0.49  | 0.89 | 0.84 | 0.68 | 0.51  | 0.91 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.98  | 0.92 | 0.75 | 0.56 | 0.99  | 0.93 | 0.75 | 0.56 |
|      | ΔT      | 25                          | 24   | 21   | 17    | 26   | 25   | 21   | 17    | 26   | 25   | 21   | 17   | 26   | 25   | 22   | 17   | 26    | 24   | 21   | 17   | 24    | 23   | 20   | 16   |
| 2700 | kW      | 6.88                        | 7.01 | 7.21 | 7.42  | 7.35 | 7.50 | 7.71 | 7.94  | 7.77 | 7.92 | 8.15 | 8.40 | 8.13 | 8.30 | 8.54 | 8.80 | 8.44  | 8.61 | 8.87 | 9.15 | 8.71  | 8.89 | 9.16 | 9.45 |
|      | Amps    | 9.2                         | 9.4  | 9.6  | 9.9   | 9.8  | 10.0 | 10.3 | 10.7  | 10.6 | 10.8 | 11.1 | 11.5 | 11.2 | 11.4 | 11.8 | 12.2 | 11.8  | 12.1 | 12.5 | 12.9 | 12.5  | 12.8 | 13.2 | 13.6 |
|      | Hi PR   | 150                         | 162  | 171  | 178   | 168  | 181  | 191  | 200   | 192  | 206  | 218  | 227  | 218  | 235  | 248  | 259  | 246   | 264  | 279  | 291  | 271   | 292  | 308  | 322  |
|      | Lo PR   | 60                          | 64   | 69   | 74    | 63   | 67   | 73   | 78    | 66   | 70   | 76   | 81   | 69   | 73   | 80   | 85   | 72    | 77   | 84   | 89   | 75    | 79   | 87   | 92   |
|      | MBh     | 80.0                        | 81.7 | 87.3 | 93.3  | 78.1 | 79.8 | 85.3 | 91.2  | 76.3 | 77.9 | 83.3 | 89.0 | 74.4 | 76.0 | 81.2 | 86.8 | 70.7  | 72.2 | 77.2 | 82.5 | 65.5  | 66.9 | 71.5 | 76.4 |
|      | S/T     | 0.83                        | 0.78 | 0.63 | 0.47  | 0.86 | 0.81 | 0.66 | 0.49  | 0.88 | 0.83 | 0.67 | 0.50 | 0.91 | 0.85 | 0.69 | 0.52 | 0.94  | 0.89 | 0.72 | 0.54 | 0.95  | 0.89 | 0.73 | 0.54 |
|      | ΔT      | 26                          | 25   | 22   | 17    | 26   | 25   | 22   | 17    | 26   | 25   | 22   | 17   | 26   | 25   | 22   | 18   | 26    | 25   | 22   | 17   | 24    | 23   | 20   | 16   |
|      | kW      | 6.74                        | 6.87 | 7.06 | 7.26  | 7.19 | 7.33 | 7.54 | 7.76  | 7.60 | 7.74 | 7.97 | 8.21 | 7.95 | 8.11 | 8.35 | 8.60 | 8.25  | 8.42 | 8.67 | 8.93 | 8.51  | 8.68 | 8.95 | 9.22 |
|      | Amps    | 9.0                         | 9.1  | 9.4  | 9.7   | 9.6  | 9.8  | 10.1 | 10.4  | 10.3 | 10.5 | 10.8 | 11.2 | 10.9 | 11.2 | 11.5 | 11.9 | 11.6  | 11.8 | 12.2 | 12.6 | 12.2  | 12.4 | 12.8 | 13.3 |
|      | Hi PR   | 146                         | 157  | 166  | 173   | 163  | 176  | 186  | 194   | 186  | 200  | 211  | 220  | 212  | 228  | 241  | 251  | 238   | 256  | 271  | 282  | 263   | 283  | 299  | 312  |
|      | Lo PR   | 58                          | 62   | 67   | 72    | 61   | 65   | 71   | 76    | 64   | 68   | 74   | 79   | 67   | 71   | 78   | 83   | 70    | 74   | 81   | 87   | 72    | 77   | 84   | 90   |

|      |       |      |      |      |       |      |      |      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85   | MBh   | 90.8 | 92.6 | 97.0 | 103.4 | 88.7 | 90.4 | 94.7 | 101.0 | 86.6 | 88.3 | 92.4 | 98.6 | 84.5 | 86.1 | 90.2 | 96.2 | 80.3 | 81.8 | 85.7 | 91.4 | 74.3 | 75.8 | 79.4 | 84.7 |
|      | S/T   | 0.95 | 0.91 | 0.82 | 0.67  | 0.98 | 0.95 | 0.85 | 0.69  | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.94 | 0.77 |
|      | ΔT    | 26   | 26   | 24   | 21    | 26   | 26   | 24   | 21    | 26   | 26   | 24   | 21   | 26   | 26   | 25   | 21   | 24   | 25   | 24   | 21   | 23   | 23   | 23   | 20   |
|      | kW    | 6.98 | 7.11 | 7.31 | 7.53  | 7.46 | 7.61 | 7.82 | 8.06  | 7.88 | 8.04 | 8.28 | 8.53 | 8.26 | 8.42 | 8.67 | 8.94 | 8.57 | 8.75 | 9.01 | 9.29 | 8.85 | 9.03 | 9.30 | 9.59 |
|      | Amps  | 9.3  | 9.5  | 9.8  | 10.1  | 10.0 | 10.2 | 10.5 | 10.8  | 10.7 | 11.0 | 11.3 | 11.7 | 11.4 | 11.6 | 12.0 | 12.4 | 12.0 | 12.3 | 12.7 | 13.1 | 12.7 | 13.0 | 13.4 | 13.8 |
|      | Hi PR | 153  | 165  | 174  | 182   | 172  | 185  | 195  | 204   | 195  | 210  | 222  | 232  | 223  | 240  | 253  | 264  | 250  | 270  | 285  | 297  | 277  | 298  | 314  | 328  |
|      | Lo PR | 61   | 65   | 71   | 75    | 64   | 68   | 75   | 80    | 67   | 71   | 78   | 83   | 70   | 75   | 82   | 87   | 74   | 78   | 86   | 91   | 76   | 81   | 88   | 94   |
|      | MBh   | 88.2 | 89.9 | 94.1 | 100.4 | 86.1 | 87.8 | 91.9 | 98.1  | 84.1 | 85.7 | 89.7 | 95.7 | 82.0 | 83.6 | 87.6 | 93.4 | 77.9 | 79.4 | 83.2 | 88.7 | 72.2 | 73.6 | 77.1 | 82.2 |
|      | S/T   | 0.90 | 0.87 | 0.79 | 0.64  | 0.93 | 0.90 | 0.81 | 0.66  | 0.96 | 0.92 | 0.83 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.73 | 1.00 | 1.00 | 0.90 | 0.73 |
|      | ΔT    | 27   | 27   | 25   | 22    | 27   | 27   | 25   | 22    | 27   | 27   | 25   | 22   | 28   | 27   | 26   | 22   | 27   | 27   | 25   | 22   | 25   | 25   | 24   | 20   |
| 2700 | kW    | 6.93 | 7.06 | 7.26 | 7.47  | 7.41 | 7.55 | 7.77 | 8.00  | 7.83 | 7.98 | 8.21 | 8.46 | 8.19 | 8.36 | 8.61 | 8.87 | 8.51 | 8.68 | 8.94 | 9.22 | 8.78 | 8.96 | 9.23 | 9.52 |
|      | Amps  | 9.2  | 9.4  | 9.7  | 10.0  | 9.9  | 10.1 | 10.4 | 10.7  | 10.6 | 10.9 | 11.2 | 11.6 | 11.3 | 11.5 | 11.9 | 12.3 | 11.9 | 12.2 | 12.6 | 13.0 | 12.6 | 12.9 | 13.3 | 13.7 |
|      | Hi PR | 152  | 163  | 172  | 180   | 170  | 183  | 193  | 202   | 194  | 208  | 220  | 229  | 220  | 237  | 250  | 261  | 248  | 267  | 282  | 294  | 274  | 295  | 311  | 325  |
|      | Lo PR | 60   | 64   | 70   | 75    | 64   | 68   | 74   | 79    | 66   | 70   | 77   | 82   | 70   | 74   | 81   | 86   | 73   | 78   | 85   | 90   | 75   | 80   | 88   | 93   |
|      | MBh   | 81.4 | 83.0 | 86.9 | 92.7  | 79.5 | 81.0 | 84.9 | 90.5  | 77.6 | 79.1 | 82.8 | 88.4 | 75.7 | 77.2 | 80.8 | 86.2 | 71.9 | 73.3 | 76.8 | 81.9 | 66.6 | 67.9 | 71.1 | 75.9 |
|      | S/T   | 0.87 | 0.84 | 0.76 | 0.61  | 0.90 | 0.87 | 0.78 | 0.64  | 0.92 | 0.89 | 0.80 | 0.65 | 0.95 | 0.92 | 0.83 | 0.67 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.96 | 0.87 | 0.71 |
|      | ΔT    | 28   | 27   | 26   | 22    | 28   | 27   | 26   | 22    | 28   | 27   | 26   | 22   | 28   | 28   | 26   | 23   | 28   | 27   | 26   | 22   | 26   | 26   | 25   | 21   |
|      | kW    | 6.79 | 6.91 | 7.11 | 7.31  | 7.25 | 7.38 | 7.60 | 7.82  | 7.65 | 7.80 | 8.03 | 8.27 | 8.01 | 8.17 | 8.41 | 8.67 | 8.31 | 8.48 | 8.74 | 9.00 | 8.58 | 8.75 | 9.02 | 9.29 |
|      | Amps  | 9.0  | 9.2  | 9.5  | 9.8   | 9.7  | 9.9  | 10.1 | 10.5  | 10.4 | 10.6 | 10.9 | 11.3 | 11.0 | 11.3 | 11.6 | 12.0 | 11.6 | 11.9 | 12.3 | 12.7 | 12.3 | 12.5 | 12.9 | 13.4 |
|      | Hi PR | 147  | 158  | 167  | 174   | 165  | 178  | 188  | 196   | 188  | 202  | 213  | 222  | 214  | 230  | 243  | 253  | 241  | 259  | 273  | 285  | 266  | 286  | 302  | 315  |
|      | Lo PR | 59   | 62   | 68   | 72    | 62   | 66   | 72   | 76    | 64   | 68   | 75   | 79   | 67   | 72   | 78   | 83   | 71   | 75   | 82   | 87   | 73   | 78   | 85   | 90   |

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

# EXPANDED COOLING DATA — GSC101203AA / AR120

| IDB     |       | Outdoor Ambient Temperature          |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |    |    |  |  |  |       |  |  |  |  |  |
|---------|-------|--------------------------------------|-------|-------|----|-------|-------|-------|----|-------|-------|-------|----|-------|-------|-------|----|-------|-------|-------|----|-------|-------|-------|----|-------|----|----|--|--|--|-------|--|--|--|--|--|
|         |       | 65°F                                 |       |       |    |       |       | 75°F  |    |       |       |       |    | 85°F  |       |       |    |       |       | 95°F  |    |       |       |       |    | 105°F |    |    |  |  |  | 115°F |  |  |  |  |  |
|         |       | 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 |  |  |  |       |  |  |  |  |  |
| 4050    | MBh   | 111.7                                | 115.8 | 126.9 | -  | 109.1 | 113.1 | 123.9 | -  | 106.5 | 110.4 | 121.0 | -  | 103.9 | 107.7 | 118.0 | -  | 98.7  | 102.3 | 112.1 | -  | 91.4  | 94.8  | 103.8 | -  |       |    |    |  |  |  |       |  |  |  |  |  |
|         | S/T   | 0.72                                 | 0.60  | 0.42  | -  | 0.75  | 0.63  | 0.43  | -  | 0.77  | 0.64  | 0.44  | -  | 0.79  | 0.66  | 0.46  | -  | 0.82  | 0.69  | 0.48  | -  | 0.83  | 0.69  | 0.48  | -  |       |    |    |  |  |  |       |  |  |  |  |  |
|         | ΔT    | 18                                   | 16    | 12    | -  | 19    | 16    | 12    | -  | 19    | 16    | 12    | -  | 19    | 16    | 12    | -  | 18    | 16    | 12    | -  | 17    | 15    | 11    | -  |       |    |    |  |  |  |       |  |  |  |  |  |
|         | kW    | 8.78                                 | 8.95  | 9.21  | -  | 9.40  | 9.59  | 9.88  | -  | 9.95  | 10.15 | 10.46 | -  | 10.44 | 10.65 | 10.98 | -  | 10.85 | 11.07 | 11.42 | -  | 11.20 | 11.44 | 11.80 | -  |       |    |    |  |  |  |       |  |  |  |  |  |
|         | Amps  | 21.7                                 | 22.2  | 22.9  | -  | 23.3  | 23.9  | 24.6  | -  | 25.2  | 25.8  | 26.6  | -  | 26.8  | 27.4  | 28.2  | -  | 28.4  | 29.0  | 29.9  | -  | 30.0  | 30.7  | 31.6  | -  |       |    |    |  |  |  |       |  |  |  |  |  |
| 70      | Hi PR | 135                                  | 146   | 154   | -  | 152   | 164   | 173   | -  | 173   | 186   | 196   | -  | 197   | 212   | 224   | -  | 221   | 238   | 252   | -  | 245   | 263   | 278   | -  |       |    |    |  |  |  |       |  |  |  |  |  |
|         | Lo PR | 58                                   | 62    | 68    | -  | 62    | 66    | 72    | -  | 64    | 68    | 74    | -  | 67    | 72    | 78    | -  | 71    | 75    | 82    | -  | 73    | 78    | 85    | -  |       |    |    |  |  |  |       |  |  |  |  |  |
|         | MBh   | 108.5                                | 112.4 | 123.2 | -  | 105.9 | 109.8 | 120.3 | -  | 103.4 | 107.2 | 117.4 | -  | 100.9 | 104.6 | 114.6 | -  | 95.8  | 99.3  | 108.8 | -  | 88.8  | 92.0  | 100.8 | -  |       |    |    |  |  |  |       |  |  |  |  |  |
|         | S/T   | 0.69                                 | 0.58  | 0.40  | -  | 0.71  | 0.60  | 0.41  | -  | 0.73  | 0.61  | 0.42  | -  | 0.76  | 0.63  | 0.44  | -  | 0.79  | 0.66  | 0.45  | -  | 0.79  | 0.66  | 0.46  | -  |       |    |    |  |  |  |       |  |  |  |  |  |
|         | ΔT    | 19                                   | 17    | 13    | -  | 19    | 17    | 13    | -  | 19    | 17    | 13    | -  | 19    | 17    | 13    | -  | 19    | 17    | 13    | -  | 18    | 16    | 12    | -  |       |    |    |  |  |  |       |  |  |  |  |  |
| 3600    | kW    | 8.72                                 | 8.89  | 9.15  | -  | 9.33  | 9.52  | 9.80  | -  | 9.88  | 10.08 | 10.38 | -  | 10.36 | 10.57 | 10.89 | -  | 10.76 | 10.99 | 11.33 | -  | 11.12 | 11.35 | 11.70 | -  |       |    |    |  |  |  |       |  |  |  |  |  |
|         | Amps  | 21.6                                 | 22.0  | 22.7  | -  | 23.2  | 23.7  | 24.4  | -  | 25.0  | 25.5  | 26.3  | -  | 26.6  | 27.2  | 28.0  | -  | 28.1  | 28.8  | 29.7  | -  | 29.7  | 30.4  | 31.4  | -  |       |    |    |  |  |  |       |  |  |  |  |  |
|         | Hi PR | 134                                  | 144   | 152   | -  | 150   | 162   | 171   | -  | 171   | 184   | 194   | -  | 195   | 210   | 221   | -  | 219   | 236   | 249   | -  | 242   | 261   | 275   | -  |       |    |    |  |  |  |       |  |  |  |  |  |
|         | Lo PR | 58                                   | 61    | 67    | -  | 61    | 65    | 71    | -  | 63    | 68    | 74    | -  | 67    | 71    | 77    | -  | 70    | 74    | 81    | -  | 72    | 77    | 84    | -  |       |    |    |  |  |  |       |  |  |  |  |  |
|         | MBh   | 100.1                                | 103.8 | 113.7 | -  | 97.8  | 101.3 | 111.0 | -  | 95.4  | 98.9  | 108.4 | -  | 93.1  | 96.5  | 105.7 | -  | 88.5  | 91.7  | 100.5 | -  | 81.9  | 84.9  | 93.1  | -  |       |    |    |  |  |  |       |  |  |  |  |  |
| 3150    | S/T   | 0.67                                 | 0.56  | 0.38  | -  | 0.69  | 0.58  | 0.40  | -  | 0.71  | 0.59  | 0.41  | -  | 0.73  | 0.61  | 0.42  | -  | 0.76  | 0.63  | 0.44  | -  | 0.76  | 0.64  | 0.44  | -  |       |    |    |  |  |  |       |  |  |  |  |  |
|         | ΔT    | 19                                   | 17    | 13    | -  | 20    | 17    | 13    | -  | 20    | 17    | 13    | -  | 20    | 17    | 13    | -  | 20    | 17    | 13    | -  | 18    | 16    | 12    | -  |       |    |    |  |  |  |       |  |  |  |  |  |
|         | kW    | 8.53                                 | 8.69  | 8.94  | -  | 9.13  | 9.31  | 9.58  | -  | 9.65  | 9.85  | 10.14 | -  | 10.12 | 10.32 | 10.64 | -  | 10.51 | 10.73 | 11.06 | -  | 10.85 | 11.08 | 11.42 | -  |       |    |    |  |  |  |       |  |  |  |  |  |
|         | Amps  | 21.0                                 | 21.5  | 22.1  | -  | 22.6  | 23.1  | 23.8  | -  | 24.4  | 24.9  | 25.7  | -  | 25.9  | 26.5  | 27.3  | -  | 27.4  | 28.0  | 28.9  | -  | 28.9  | 29.6  | 30.5  | -  |       |    |    |  |  |  |       |  |  |  |  |  |
|         | Hi PR | 130                                  | 140   | 148   | -  | 146   | 157   | 166   | -  | 166   | 179   | 189   | -  | 189   | 203   | 215   | -  | 213   | 229   | 242   | -  | 235   | 253   | 267   | -  |       |    |    |  |  |  |       |  |  |  |  |  |
| Lo PR   | 56    | 60                                   | 65    | -     | 59 | 63    | 69    | -     | 62 | 65    | 71    | -     | 65 | 69    | 75    | -     | 68 | 72    | 79    | -     | 70 | 75    | 81    | -     |    |       |    |    |  |  |  |       |  |  |  |  |  |

| 75   | 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    |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | MBh     | 113.6 | 117.0 | 126.6 | 135.9 | 111.0 | 114.2 | 123.7 | 132.7 | 108.3 | 111.5 | 120.7 | 129.6 | 105.7 | 108.8 | 117.8 | 126.4 | 100.4 | 103.4 | 111.9 | 120.1 | 93.0  | 95.7  | 103.6 | 111.2 | 93.0  | 95.7  | 103.6 | 111.2 | 93.0  | 95.7  | 103.6 | 111.2 |
|      | S/T     | 0.82  | 0.74  | 0.56  | 0.36  | 0.85  | 0.76  | 0.58  | 0.37  | 0.87  | 0.78  | 0.59  | 0.38  | 0.90  | 0.81  | 0.61  | 0.39  | 0.94  | 0.84  | 0.63  | 0.41  | 0.94  | 0.84  | 0.64  | 0.41  | 0.94  | 0.84  | 0.64  | 0.41  | 0.94  | 0.84  | 0.64  | 0.41  |
|      | ΔT      | 21    | 20    | 16    | 11    | 21    | 20    | 16    | 11    | 21    | 20    | 16    | 11    | 22    | 20    | 16    | 11    | 21    | 20    | 16    | 11    | 20    | 18    | 15    | 10    | 20    | 18    | 15    | 10    | 20    | 18    | 15    | 10    |
|      | kW      | 8.85  | 9.02  | 9.28  | 9.56  | 9.48  | 9.67  | 9.95  | 10.26 | 10.03 | 10.23 | 10.55 | 10.87 | 10.52 | 10.74 | 11.07 | 11.42 | 10.93 | 11.16 | 11.51 | 11.88 | 11.29 | 11.53 | 11.89 | 12.27 | 11.29 | 11.53 | 11.89 | 12.27 | 11.29 | 11.53 | 11.89 | 12.27 |
|      | Amps    | 21.9  | 22.4  | 23.1  | 23.9  | 23.5  | 24.1  | 24.8  | 25.6  | 25.4  | 26.0  | 26.8  | 27.7  | 27.0  | 27.6  | 28.5  | 29.5  | 28.6  | 29.3  | 30.2  | 31.3  | 30.2  | 30.9  | 31.9  | 33.1  | 30.2  | 30.9  | 31.9  | 33.1  | 30.2  | 30.9  | 31.9  | 33.1  |
|      | Hi PR   | 137   | 147   | 155   | 162   | 154   | 165   | 174   | 182   | 175   | 188   | 198   | 207   | 199   | 214   | 226   | 236   | 224   | 241   | 254   | 265   | 247   | 266   | 281   | 293   | 247   | 266   | 281   | 293   | 247   | 266   | 281   | 293   |
|      | Lo PR   | 59    | 63    | 68    | 73    | 62    | 66    | 72    | 77    | 65    | 69    | 75    | 80    | 68    | 72    | 79    | 84    | 71    | 76    | 83    | 88    | 74    | 78    | 86    | 91    | 74    | 78    | 86    | 91    | 74    | 78    | 86    | 91    |
|      | MBh     | 110.3 | 113.6 | 122.9 | 131.9 | 107.7 | 110.9 | 120.1 | 128.9 | 105.2 | 108.3 | 117.2 | 125.8 | 102.6 | 105.6 | 114.3 | 122.7 | 97.5  | 100.4 | 108.6 | 116.6 | 90.3  | 93.0  | 100.6 | 108.0 | 90.3  | 93.0  | 100.6 | 108.0 | 90.3  | 93.0  | 100.6 | 108.0 |
|      | S/T     | 0.78  | 0.70  | 0.53  | 0.34  | 0.81  | 0.73  | 0.55  | 0.35  | 0.83  | 0.75  | 0.56  | 0.36  | 0.86  | 0.77  | 0.58  | 0.37  | 0.89  | 0.80  | 0.60  | 0.39  | 0.90  | 0.81  | 0.61  | 0.39  | 0.90  | 0.81  | 0.61  | 0.39  | 0.90  | 0.81  | 0.61  | 0.39  |
|      | ΔT      | 22    | 20    | 17    | 12    | 22    | 21    | 17    | 12    | 22    | 21    | 17    | 12    | 23    | 21    | 17    | 12    | 22    | 20    | 17    | 12    | 21    | 19    | 16    | 11    | 21    | 19    | 16    | 11    | 21    | 19    | 16    | 11    |
| 3600 | kW      | 8.78  | 8.96  | 9.22  | 9.49  | 9.41  | 9.59  | 9.88  | 10.18 | 9.95  | 10.16 | 10.46 | 10.79 | 10.44 | 10.65 | 10.98 | 11.33 | 10.85 | 11.08 | 11.42 | 11.78 | 11.21 | 11.44 | 11.80 | 12.18 | 11.21 | 11.44 | 11.80 | 12.18 | 11.21 | 11.44 | 11.80 | 12.18 |
|      | Amps    | 21.8  | 22.2  | 22.9  | 23.7  | 23.4  | 23.9  | 24.6  | 25.4  | 25.2  | 25.8  | 26.6  | 27.5  | 26.8  | 27.4  | 28.3  | 29.3  | 28.4  | 29.0  | 30.0  | 31.0  | 30.0  | 30.7  | 31.6  | 32.8  | 30.0  | 30.7  | 31.6  | 32.8  | 30.0  | 30.7  | 31.6  | 32.8  |
|      | Hi PR   | 135   | 146   | 154   | 161   | 152   | 164   | 173   | 180   | 173   | 186   | 196   | 205   | 197   | 212   | 224   | 233   | 222   | 238   | 252   | 263   | 245   | 263   | 278   | 290   | 245   | 263   | 278   | 290   | 245   | 263   | 278   | 290   |
|      | Lo PR   | 58    | 62    | 68    | 72    | 62    | 66    | 72    | 76    | 64    | 68    | 74    | 79    | 67    | 72    | 78    | 83    | 71    | 75    | 82    | 87    | 73    | 78    | 85    | 90    | 73    | 78    | 85    | 90    | 73    | 78    | 85    | 90    |
|      | MBh     | 101.8 | 104.8 | 113.5 | 121.8 | 99.4  | 102.4 | 110.8 | 118.9 | 97.1  | 99.9  | 108.2 | 116.1 | 94.7  | 97.5  | 105.5 | 113.3 | 90.0  | 92.6  | 100.3 | 107.6 | 83.3  | 85.8  | 92.9  | 99.7  | 83.3  | 85.8  | 92.9  | 99.7  | 83.3  | 85.8  | 92.9  | 99.7  |
|      | S/T     | 0.76  | 0.68  | 0.51  | 0.33  | 0.78  | 0.70  | 0.53  | 0.34  | 0.80  | 0.72  | 0.54  | 0.35  | 0.83  | 0.74  | 0.56  | 0.36  | 0.86  | 0.77  | 0.58  | 0.37  | 0.87  | 0.78  | 0.59  | 0.38  | 0.87  | 0.78  | 0.59  | 0.38  | 0.87  | 0.78  | 0.59  | 0.38  |
|      | 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    | 21    | 19    | 16    | 11    | 21    | 19    | 16    | 11    |
|      | kW      | 8.59  | 8.76  | 9.01  | 9.28  | 9.19  | 9.38  | 9.65  | 9.94  | 9.73  | 9.92  | 10.22 | 10.54 | 10.20 | 10.41 | 10.72 | 11.06 | 10.60 | 10.82 | 11.15 | 11.50 | 10.94 | 11.17 | 11.52 | 11.88 | 10.94 | 11.17 | 11.52 | 11.88 | 10.94 | 11.17 | 11.52 |       |

# EXPANDED COOLING DATA — GSC101203AA / AR120 (CONT.)

|      |         | Outdoor Ambient Temperature |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|---------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      |         | 65°F                        |       |       |       | 75°F  |       |       |       | 85°F  |       |       |       | 95°F  |       |       |       | 105°F |       |       |       | 115°F |       |       |       |
| IDB  | Airflow | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |
| 80   | MBh     | 115.6                       | 118.1 | 126.2 | 134.9 | 112.9 | 115.4 | 123.3 | 131.8 | 110.2 | 112.7 | 120.4 | 128.7 | 107.6 | 109.9 | 117.4 | 125.5 | 102.2 | 104.4 | 111.5 | 119.2 | 94.6  | 96.7  | 103.3 | 110.5 |
|      | S/T     | 0.90                        | 0.85  | 0.69  | 0.51  | 0.93  | 0.88  | 0.71  | 0.53  | 0.96  | 0.90  | 0.73  | 0.55  | 1.00  | 0.93  | 0.75  | 0.56  | 1.00  | 0.96  | 0.78  | 0.59  | 1.00  | 0.97  | 0.79  | 0.59  |
|      | ΔT      | 24                          | 23    | 20    | 16    | 24    | 23    | 20    | 16    | 24    | 23    | 20    | 16    | 24    | 23    | 20    | 16    | 23    | 22    | 19    | 16    | 21    | 21    | 19    | 15    |
|      | kW      | 8.91                        | 9.09  | 9.35  | 9.63  | 9.55  | 9.74  | 10.03 | 10.34 | 10.11 | 10.31 | 10.63 | 10.96 | 10.60 | 10.82 | 11.16 | 11.51 | 11.02 | 11.25 | 11.60 | 11.97 | 11.38 | 11.62 | 11.99 | 12.37 |
|      | Amps    | 22.1                        | 22.6  | 23.3  | 24.1  | 23.7  | 24.3  | 25.0  | 25.9  | 25.6  | 26.2  | 27.0  | 28.0  | 27.3  | 27.9  | 28.7  | 29.8  | 28.9  | 29.6  | 30.5  | 31.6  | 30.5  | 31.2  | 32.2  | 33.3  |
|      | Hi PR   | 138                         | 149   | 157   | 164   | 155   | 167   | 176   | 184   | 176   | 190   | 200   | 209   | 201   | 216   | 228   | 238   | 226   | 243   | 257   | 268   | 250   | 269   | 284   | 296   |
|      | Lo PR   | 60                          | 63    | 69    | 74    | 63    | 67    | 73    | 78    | 65    | 70    | 76    | 81    | 69    | 73    | 80    | 85    | 72    | 77    | 84    | 89    | 74    | 79    | 86    | 92    |
|      | MBh     | 112.3                       | 114.7 | 122.6 | 131.0 | 109.6 | 112.0 | 119.7 | 128.0 | 107.0 | 109.4 | 116.9 | 124.9 | 104.4 | 106.7 | 114.0 | 121.9 | 99.2  | 101.4 | 108.3 | 115.8 | 91.9  | 93.9  | 100.3 | 107.2 |
|      | S/T     | 0.86                        | 0.81  | 0.66  | 0.49  | 0.89  | 0.84  | 0.68  | 0.51  | 0.91  | 0.86  | 0.70  | 0.52  | 0.94  | 0.88  | 0.72  | 0.54  | 0.98  | 0.92  | 0.75  | 0.56  | 0.99  | 0.93  | 0.75  | 0.56  |
|      | ΔT      | 25                          | 24    | 21    | 16    | 25    | 24    | 21    | 17    | 25    | 24    | 21    | 17    | 25    | 24    | 21    | 17    | 25    | 24    | 21    | 17    | 23    | 22    | 19    | 15    |
| 3600 | kW      | 8.85                        | 9.02  | 9.28  | 9.56  | 9.48  | 9.67  | 9.95  | 10.26 | 10.03 | 10.24 | 10.55 | 10.87 | 10.52 | 10.74 | 11.07 | 11.42 | 10.94 | 11.16 | 11.51 | 11.88 | 11.29 | 11.53 | 11.89 | 12.28 |
|      | Amps    | 21.9                        | 22.4  | 23.1  | 23.9  | 23.5  | 24.1  | 24.8  | 25.6  | 25.4  | 26.0  | 26.8  | 27.7  | 27.0  | 27.6  | 28.5  | 29.5  | 28.6  | 29.3  | 30.2  | 31.3  | 30.2  | 30.9  | 31.9  | 33.1  |
|      | Hi PR   | 137                         | 147   | 155   | 162   | 154   | 165   | 174   | 182   | 175   | 188   | 198   | 207   | 199   | 214   | 226   | 236   | 224   | 241   | 254   | 265   | 247   | 266   | 281   | 293   |
|      | Lo PR   | 59                          | 63    | 68    | 73    | 62    | 66    | 72    | 77    | 65    | 69    | 75    | 80    | 68    | 72    | 79    | 84    | 71    | 76    | 83    | 88    | 74    | 78    | 86    | 91    |
|      | MBh     | 103.6                       | 105.9 | 113.1 | 120.9 | 101.2 | 103.4 | 110.5 | 118.1 | 98.8  | 100.9 | 107.9 | 115.3 | 96.4  | 98.5  | 105.2 | 112.5 | 91.6  | 93.6  | 100.0 | 106.9 | 84.8  | 86.7  | 92.6  | 99.0  |
|      | S/T     | 0.83                        | 0.78  | 0.63  | 0.47  | 0.86  | 0.81  | 0.66  | 0.49  | 0.88  | 0.83  | 0.67  | 0.50  | 0.91  | 0.85  | 0.69  | 0.52  | 0.94  | 0.89  | 0.72  | 0.54  | 0.95  | 0.89  | 0.73  | 0.54  |
|      | ΔT      | 25                          | 24    | 21    | 17    | 25    | 24    | 21    | 17    | 25    | 24    | 21    | 17    | 26    | 25    | 21    | 17    | 25    | 24    | 21    | 17    | 24    | 23    | 20    | 16    |
|      | kW      | 8.65                        | 8.82  | 9.08  | 9.35  | 9.26  | 9.45  | 9.73  | 10.02 | 9.80  | 10.00 | 10.30 | 10.62 | 10.28 | 10.49 | 10.81 | 11.14 | 10.68 | 10.90 | 11.24 | 11.59 | 11.03 | 11.26 | 11.61 | 11.98 |
|      | Amps    | 21.4                        | 21.9  | 22.5  | 23.3  | 23.0  | 23.5  | 24.2  | 25.0  | 24.8  | 25.3  | 26.1  | 27.0  | 26.3  | 26.9  | 27.8  | 28.7  | 27.9  | 28.5  | 29.4  | 30.5  | 29.4  | 30.1  | 31.1  | 32.2  |
|      | Hi PR   | 133                         | 143   | 151   | 157   | 149   | 160   | 169   | 177   | 169   | 182   | 192   | 201   | 193   | 208   | 219   | 229   | 217   | 234   | 247   | 257   | 240   | 258   | 272   | 284   |
|      | Lo PR   | 57                          | 61    | 66    | 71    | 60    | 64    | 70    | 75    | 63    | 67    | 73    | 78    | 66    | 70    | 77    | 82    | 69    | 74    | 80    | 86    | 72    | 76    | 83    | 88    |

|      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 4050 | MBh   | 117.6 | 119.9 | 125.6 | 134.0 | 114.9 | 117.1 | 122.7 | 130.9 | 112.2 | 114.3 | 119.8 | 127.8 | 109.4 | 111.6 | 116.8 | 124.6 | 104.0 | 106.0 | 111.0 | 118.4 | 96.3  | 98.2  | 102.8 | 109.7 |
|      | S/T   | 0.95  | 0.91  | 0.82  | 0.67  | 0.98  | 0.95  | 0.85  | 0.69  | 1.00  | 0.97  | 0.87  | 0.71  | 1.00  | 1.00  | 0.90  | 0.73  | 1.00  | 1.00  | 0.94  | 0.76  | 1.00  | 1.00  | 0.94  | 0.77  |
|      | ΔT    | 25    | 25    | 23    | 20    | 26    | 25    | 24    | 21    | 25    | 25    | 24    | 21    | 25    | 25    | 24    | 21    | 24    | 24    | 24    | 20    | 22    | 22    | 22    | 19    |
|      | kW    | 8.98  | 9.16  | 9.42  | 9.71  | 9.62  | 9.81  | 10.11 | 10.42 | 10.18 | 10.39 | 10.71 | 11.04 | 10.68 | 10.91 | 11.24 | 11.60 | 11.11 | 11.34 | 11.70 | 12.07 | 11.47 | 11.72 | 12.09 | 12.47 |
|      | Amps  | 22.3  | 22.8  | 23.5  | 24.3  | 23.9  | 24.5  | 25.2  | 26.1  | 25.8  | 26.4  | 27.2  | 28.2  | 27.5  | 28.1  | 29.0  | 30.0  | 29.1  | 29.8  | 30.7  | 31.8  | 30.8  | 31.5  | 32.5  | 33.6  |
|      | Hi PR | 140   | 150   | 159   | 165   | 157   | 169   | 178   | 186   | 178   | 192   | 202   | 211   | 203   | 218   | 231   | 240   | 228   | 246   | 259   | 271   | 252   | 271   | 287   | 299   |
|      | Lo PR | 60    | 64    | 70    | 74    | 64    | 68    | 74    | 79    | 66    | 70    | 77    | 82    | 69    | 74    | 81    | 86    | 73    | 77    | 84    | 90    | 75    | 80    | 87    | 93    |
|      | MBh   | 114.2 | 116.4 | 121.9 | 130.1 | 111.6 | 113.7 | 119.1 | 127.1 | 108.9 | 111.0 | 116.3 | 124.0 | 106.2 | 108.3 | 113.4 | 121.0 | 100.9 | 102.9 | 107.8 | 115.0 | 93.5  | 95.3  | 99.8  | 106.5 |
|      | S/T   | 0.90  | 0.87  | 0.79  | 0.64  | 0.93  | 0.90  | 0.81  | 0.66  | 0.96  | 0.92  | 0.83  | 0.68  | 0.99  | 0.95  | 0.86  | 0.70  | 1.00  | 0.99  | 0.89  | 0.73  | 1.00  | 1.00  | 0.90  | 0.73  |
|      | ΔT    | 26    | 26    | 24    | 21    | 27    | 26    | 25    | 21    | 27    | 26    | 25    | 21    | 27    | 26    | 25    | 22    | 26    | 26    | 25    | 21    | 24    | 24    | 23    | 20    |
| 3600 | kW    | 8.91  | 9.09  | 9.35  | 9.63  | 9.55  | 9.74  | 10.03 | 10.34 | 10.11 | 10.31 | 10.63 | 10.96 | 10.60 | 10.82 | 11.16 | 11.51 | 11.02 | 11.25 | 11.60 | 11.97 | 11.38 | 11.62 | 11.99 | 12.37 |
|      | Amps  | 22.1  | 22.6  | 23.3  | 24.1  | 23.7  | 24.3  | 25.0  | 25.9  | 25.6  | 26.2  | 27.0  | 28.0  | 27.3  | 27.9  | 28.7  | 29.8  | 28.9  | 29.6  | 30.5  | 31.6  | 30.5  | 31.2  | 32.2  | 33.3  |
|      | Hi PR | 138   | 149   | 157   | 164   | 155   | 167   | 176   | 184   | 176   | 190   | 200   | 209   | 201   | 216   | 228   | 238   | 226   | 243   | 257   | 268   | 250   | 269   | 284   | 296   |
|      | Lo PR | 60    | 63    | 69    | 74    | 63    | 67    | 73    | 78    | 65    | 70    | 76    | 81    | 69    | 73    | 80    | 85    | 72    | 77    | 84    | 89    | 74    | 79    | 86    | 92    |
|      | MBh   | 105.4 | 107.5 | 112.5 | 120.1 | 103.0 | 105.0 | 109.9 | 117.3 | 100.5 | 102.5 | 107.3 | 114.5 | 98.1  | 100.0 | 104.7 | 111.7 | 93.2  | 95.0  | 99.5  | 106.1 | 86.3  | 88.0  | 92.1  | 98.3  |
|      | S/T   | 0.87  | 0.84  | 0.76  | 0.61  | 0.90  | 0.87  | 0.78  | 0.64  | 0.92  | 0.89  | 0.80  | 0.65  | 0.95  | 0.92  | 0.83  | 0.67  | 0.99  | 0.95  | 0.86  | 0.70  | 1.00  | 0.96  | 0.87  | 0.71  |
|      | ΔT    | 27    | 26    | 25    | 22    | 27    | 27    | 25    | 22    | 27    | 27    | 25    | 22    | 27    | 27    | 25    | 22    | 27    | 26    | 25    | 22    | 25    | 25    | 23    | 20    |
|      | kW    | 8.72  | 8.89  | 9.14  | 9.42  | 9.33  | 9.52  | 9.80  | 10.10 | 9.88  | 10.08 | 10.38 | 10.70 | 10.35 | 10.57 | 10.89 | 11.23 | 10.76 | 10.99 | 11.33 | 11.68 | 11.11 | 11.35 | 11.70 | 12.07 |
|      | Amps  | 21.6  | 22.0  | 22.7  | 23.5  | 23.1  | 23.7  | 24.4  | 25.2  | 25.0  | 25.5  | 26.3  | 27.2  | 26.6  | 27.2  | 28.0  | 29.0  | 28.1  | 28.8  | 29.7  | 30.7  | 29.7  | 30.4  | 31.3  | 32.5  |
|      | Hi PR | 134   | 144   | 152   | 159   | 150   | 162   | 171   | 178   | 171   | 184   | 194   | 203   | 195   | 210   | 221   | 231   | 219   | 236   | 249   | 260   | 242   | 261   | 275   | 287   |
|      | Lo PR | 58    | 61    | 67    | 71    | 61    | 65    | 71    | 76    | 63    | 67    | 74    | 78    | 67    | 71    | 77    | 82    | 70    | 74    | 81    | 86    | 72    | 77    | 84    | 89    |

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

# EXPANDED COOLING DATA — GSC101204AA / AR120

| IDB     |       | Outdoor Ambient Temperature          |       |       |      |       |       |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |   |  |  |  |
|---------|-------|--------------------------------------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|--|--|--|
|         |       | 65°F                                 |       |       |      |       |       | 75°F  |      |       |       |       |       | 85°F  |       |       |       |       |       | 95°F  |       |       |       |       |       | 105°F |       |       |       |       |       | 115°F |       |   |  |  |  |
|         |       | 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    |       |   |  |  |  |
| 4050    | MBh   | 111.7                                | 115.8 | 126.9 | -    | 109.1 | 113.1 | 123.9 | -    | 106.5 | 110.4 | 121.0 | -     | 103.9 | 107.7 | 118.0 | -     | 98.7  | 102.3 | 112.1 | -     | 91.4  | 94.8  | 103.8 | -     | 88.8  | 92.0  | 100.8 | -     | 85.8  | 89.2  | 98.0  | -     |   |  |  |  |
|         | S/T   | 0.72                                 | 0.60  | 0.42  | -    | 0.75  | 0.63  | 0.43  | -    | 0.77  | 0.64  | 0.44  | -     | 0.79  | 0.66  | 0.46  | -     | 0.82  | 0.69  | 0.48  | -     | 0.83  | 0.69  | 0.48  | -     | 0.79  | 0.66  | 0.46  | -     | 0.75  | 0.62  | 0.44  | -     |   |  |  |  |
|         | ΔT    | 18                                   | 16    | 12    | -    | 19    | 16    | 12    | -    | 19    | 16    | 12    | -     | 19    | 16    | 12    | -     | 18    | 16    | 12    | -     | 17    | 15    | 11    | -     | 16    | 14    | 10    | -     | 15    | 12    | 8     | -     |   |  |  |  |
|         | kW    | 8.78                                 | 8.95  | 9.21  | -    | 9.39  | 9.58  | 9.87  | -    | 9.94  | 10.14 | 10.45 | -     | 10.42 | 10.64 | 10.96 | -     | 10.83 | 11.06 | 11.40 | -     | 11.18 | 11.42 | 11.78 | -     | 11.18 | 11.42 | 11.78 | -     | 11.18 | 11.42 | 11.78 | -     |   |  |  |  |
|         | Amps  | 10.8                                 | 11.1  | 11.4  | -    | 11.6  | 11.9  | 12.2  | -    | 12.5  | 12.8  | 13.2  | -     | 13.3  | 13.6  | 14.1  | -     | 14.1  | 14.5  | 14.9  | -     | 14.9  | 15.3  | 15.7  | -     | 14.9  | 15.3  | 15.7  | -     | 14.9  | 15.3  | 15.7  | -     |   |  |  |  |
|         | Hi PR | 137                                  | 147   | 155   | -    | 153   | 165   | 174   | -    | 174   | 188   | 198   | -     | 199   | 214   | 226   | -     | 223   | 240   | 254   | -     | 247   | 266   | 281   | -     | 247   | 266   | 281   | -     | 247   | 266   | 281   | -     |   |  |  |  |
|         | Lo PR | 58                                   | 62    | 68    | -    | 62    | 66    | 72    | -    | 64    | 68    | 74    | -     | 67    | 72    | 78    | -     | 71    | 75    | 82    | -     | 73    | 78    | 85    | -     | 73    | 78    | 85    | -     | 73    | 78    | 85    | -     |   |  |  |  |
|         | MBh   | 108.5                                | 112.4 | 123.2 | -    | 105.9 | 109.8 | 120.3 | -    | 103.4 | 107.2 | 117.4 | -     | 100.9 | 104.6 | 114.6 | -     | 95.8  | 99.3  | 108.8 | -     | 88.8  | 92.0  | 100.8 | -     | 88.8  | 92.0  | 100.8 | -     | 88.8  | 92.0  | 100.8 | -     |   |  |  |  |
|         | S/T   | 0.69                                 | 0.58  | 0.40  | -    | 0.71  | 0.60  | 0.41  | -    | 0.73  | 0.61  | 0.42  | -     | 0.76  | 0.63  | 0.44  | -     | 0.79  | 0.66  | 0.45  | -     | 0.79  | 0.66  | 0.45  | -     | 0.79  | 0.66  | 0.45  | -     | 0.79  | 0.66  | 0.45  | -     |   |  |  |  |
| 70      | 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    | 8.71                                 | 8.88  | 9.14  | -    | 9.33  | 9.51  | 9.79  | -    | 9.87  | 10.07 | 10.37 | -     | 10.34 | 10.55 | 10.88 | -     | 10.75 | 10.97 | 11.31 | -     | 11.10 | 11.33 | 11.68 | -     | 11.10 | 11.33 | 11.68 | -     | 11.10 | 11.33 | 11.68 | -     |   |  |  |  |
|         | Amps  | 10.7                                 | 11.0  | 11.3  | -    | 11.5  | 11.8  | 12.1  | -    | 12.4  | 12.7  | 13.1  | -     | 13.2  | 13.5  | 13.9  | -     | 14.0  | 14.3  | 14.8  | -     | 14.8  | 15.1  | 15.6  | -     | 14.8  | 15.1  | 15.6  | -     | 14.8  | 15.1  | 15.6  | -     |   |  |  |  |
|         | Hi PR | 135                                  | 146   | 154   | -    | 152   | 163   | 172   | -    | 173   | 186   | 196   | -     | 197   | 212   | 223   | -     | 221   | 238   | 251   | -     | 244   | 263   | 278   | -     | 244   | 263   | 278   | -     | 244   | 263   | 278   | -     |   |  |  |  |
|         | Lo PR | 58                                   | 61    | 67    | -    | 61    | 65    | 71    | -    | 63    | 68    | 74    | -     | 67    | 71    | 77    | -     | 70    | 74    | 81    | -     | 72    | 77    | 84    | -     | 72    | 77    | 84    | -     | 72    | 77    | 84    | -     |   |  |  |  |
|         | MBh   | 100.1                                | 103.8 | 113.7 | -    | 97.8  | 101.3 | 111.0 | -    | 95.4  | 98.9  | 108.4 | -     | 93.1  | 96.5  | 105.7 | -     | 88.5  | 91.7  | 100.5 | -     | 81.9  | 84.9  | 93.1  | -     | 81.9  | 84.9  | 93.1  | -     | 81.9  | 84.9  | 93.1  | -     |   |  |  |  |
|         | S/T   | 0.67                                 | 0.56  | 0.38  | -    | 0.69  | 0.58  | 0.40  | -    | 0.71  | 0.59  | 0.41  | -     | 0.73  | 0.61  | 0.42  | -     | 0.76  | 0.63  | 0.44  | -     | 0.76  | 0.64  | 0.44  | -     | 0.76  | 0.64  | 0.44  | -     | 0.76  | 0.64  | 0.44  | -     |   |  |  |  |
|         | ΔT    | 19                                   | 17    | 13    | -    | 20    | 17    | 13    | -    | 20    | 17    | 13    | -     | 20    | 17    | 13    | -     | 20    | 17    | 13    | -     | 18    | 16    | 12    | -     | 18    | 16    | 12    | -     | 18    | 16    | 12    | -     |   |  |  |  |
|         | 3150  | kW                                   | 8.52  | 8.69  | 8.94 | -     | 9.12  | 9.30  | 9.57 | -     | 9.64  | 9.83  | 10.13 | -     | 10.10 | 10.31 | 10.62 | -     | 10.50 | 10.71 | 11.04 | -     | 10.84 | 11.06 | 11.40 | -     | 10.84 | 11.06 | 11.40 | -     | 10.84 | 11.06 | 11.40 | - |  |  |  |
| Amps    |       | 10.5                                 | 10.7  | 11.0  | -    | 11.2  | 11.5  | 11.8  | -    | 12.1  | 12.4  | 12.8  | -     | 12.9  | 13.2  | 13.6  | -     | 13.7  | 14.0  | 14.4  | -     | 14.4  | 14.7  | 15.2  | -     | 14.4  | 14.7  | 15.2  | -     | 14.4  | 14.7  | 15.2  | -     |   |  |  |  |
| Hi PR   |       | 131                                  | 141   | 149   | -    | 147   | 158   | 167   | -    | 167   | 180   | 190   | -     | 191   | 205   | 217   | -     | 215   | 231   | 244   | -     | 237   | 255   | 269   | -     | 237   | 255   | 269   | -     | 237   | 255   | 269   | -     |   |  |  |  |
| Lo PR   |       | 56                                   | 60    | 65    | -    | 59    | 63    | 69    | -    | 62    | 65    | 71    | -     | 65    | 69    | 75    | -     | 68    | 72    | 79    | -     | 70    | 75    | 81    | -     | 70    | 75    | 81    | -     | 70    | 75    | 81    | -     |   |  |  |  |

|      |     | DB: Entering Indoor Dry Bulb Temperature                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |       |       |  |  |  |  |  |  |  |  |  |  |  |  | Shaded area reflects ACCA (TVA) conditions |  |  |  |  |  |  |  |  |  |  |  | Amps = outdoor unit amps (comp.+fan)<br>kW = Total system power |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
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|      |     | High and low pressures are measured at the liquid and suction service valves. |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |       |       |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |                                                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|      |     |                                                                               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |       |       |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |                                                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| 4050 | MBh | 113.6                                                                         | 117.0 | 126.6 | 135.9 | 111.0 | 114.2 | 123.7 | 132.7 | 108.3 | 111.5 | 120.7 | 129.6 | 105.7 | 108.8 | 117.8 | 126.4 | 100.4 | 103.4 | 111.9 | 120.1 | 93.0 | 95.7 | 103.6 | 111.2 |  |  |  |  |  |  |  |  |  |  |  |  |                                            |  |  |  |  |  |  |  |  |  |  |  |                                                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | </ |

# EXPANDED COOLING DATA — GSC101204AA / AR120 (CONT.)

|       |         | Outdoor Ambient Temperature          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|---------|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|       |         | 65°F                                 |       |       |       | 75°F  |       |       |       | 85°F  |       |       |       | 95°F  |       |       |       | 105°F |       |       |       | 115°F |       |       |       |
|       |         | Entering Indoor Wet Bulb Temperature |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| IDB   | Airflow | 59                                   | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |
| 80    | MBh     | 115.6                                | 118.1 | 126.2 | 134.9 | 112.9 | 115.4 | 123.3 | 131.8 | 110.2 | 112.7 | 120.4 | 128.7 | 107.6 | 109.9 | 117.4 | 125.5 | 102.2 | 104.4 | 111.5 | 119.2 | 94.6  | 96.7  | 103.3 | 110.5 |
|       | S/T     | 0.90                                 | 0.85  | 0.69  | 0.51  | 0.93  | 0.88  | 0.71  | 0.53  | 0.96  | 0.90  | 0.73  | 0.55  | 1.00  | 0.93  | 0.75  | 0.56  | 1.00  | 0.96  | 0.78  | 0.59  | 1.00  | 0.97  | 0.79  | 0.59  |
|       | ΔT      | 24                                   | 23    | 20    | 16    | 24    | 23    | 20    | 16    | 24    | 23    | 20    | 16    | 24    | 23    | 20    | 16    | 23    | 23    | 20    | 16    | 21    | 21    | 19    | 15    |
|       | kW      | 8.91                                 | 9.08  | 9.34  | 9.62  | 9.54  | 9.73  | 10.02 | 10.32 | 10.09 | 10.30 | 10.61 | 10.94 | 10.59 | 10.80 | 11.14 | 11.49 | 11.00 | 11.23 | 11.58 | 11.95 | 11.36 | 11.60 | 11.97 | 12.35 |
|       | Amps    | 11.0                                 | 11.3  | 11.6  | 12.0  | 11.8  | 12.1  | 12.5  | 12.9  | 12.8  | 13.0  | 13.4  | 13.9  | 13.6  | 13.9  | 14.3  | 14.8  | 14.4  | 14.7  | 15.2  | 15.7  | 15.2  | 15.5  | 16.0  | 16.6  |
|       | Hi PR   | 139                                  | 150   | 158   | 165   | 156   | 168   | 178   | 185   | 178   | 191   | 202   | 211   | 203   | 218   | 230   | 240   | 228   | 245   | 259   | 270   | 252   | 271   | 286   | 299   |
|       | Lo PR   | 60                                   | 63    | 69    | 74    | 63    | 67    | 73    | 78    | 65    | 70    | 76    | 81    | 69    | 73    | 80    | 85    | 72    | 77    | 84    | 89    | 74    | 79    | 86    | 92    |
|       | MBh     | 112.3                                | 114.7 | 122.6 | 131.0 | 109.6 | 112.0 | 119.7 | 128.0 | 107.0 | 109.4 | 116.9 | 124.9 | 104.4 | 106.7 | 114.0 | 121.9 | 99.2  | 101.4 | 108.3 | 115.8 | 91.9  | 93.9  | 100.3 | 107.2 |
|       | S/T     | 0.86                                 | 0.81  | 0.66  | 0.49  | 0.89  | 0.84  | 0.68  | 0.51  | 0.91  | 0.86  | 0.70  | 0.52  | 0.94  | 0.88  | 0.72  | 0.54  | 0.98  | 0.92  | 0.75  | 0.56  | 0.99  | 0.93  | 0.75  | 0.56  |
|       | ΔT      | 25                                   | 24    | 21    | 16    | 25    | 24    | 21    | 17    | 25    | 24    | 21    | 17    | 25    | 24    | 21    | 17    | 25    | 24    | 21    | 17    | 23    | 22    | 19    | 15    |
| 3600  | kW      | 8.84                                 | 9.01  | 9.28  | 9.55  | 9.47  | 9.66  | 9.94  | 10.24 | 10.02 | 10.22 | 10.53 | 10.86 | 10.50 | 10.72 | 11.05 | 11.40 | 10.92 | 11.15 | 11.49 | 11.86 | 11.28 | 11.51 | 11.87 | 12.25 |
|       | Amps    | 10.9                                 | 11.2  | 11.5  | 11.9  | 11.7  | 12.0  | 12.3  | 12.8  | 12.7  | 12.9  | 13.3  | 13.8  | 13.5  | 13.8  | 14.2  | 14.7  | 14.3  | 14.6  | 15.0  | 15.6  | 15.1  | 15.4  | 15.9  | 16.5  |
|       | Hi PR   | 138                                  | 149   | 157   | 164   | 155   | 167   | 176   | 184   | 176   | 190   | 200   | 209   | 201   | 216   | 228   | 238   | 226   | 243   | 257   | 268   | 249   | 268   | 283   | 296   |
|       | Lo PR   | 59                                   | 63    | 68    | 73    | 62    | 66    | 72    | 77    | 65    | 69    | 75    | 80    | 68    | 72    | 79    | 84    | 71    | 76    | 83    | 88    | 74    | 78    | 86    | 91    |
|       | MBh     | 103.6                                | 105.9 | 113.1 | 120.9 | 101.2 | 103.4 | 110.5 | 118.1 | 98.8  | 100.9 | 107.9 | 115.3 | 96.4  | 98.5  | 105.2 | 112.5 | 91.6  | 93.6  | 100.0 | 106.9 | 84.8  | 86.7  | 92.6  | 99.0  |
|       | S/T     | 0.83                                 | 0.78  | 0.63  | 0.47  | 0.86  | 0.81  | 0.66  | 0.49  | 0.88  | 0.83  | 0.67  | 0.50  | 0.91  | 0.85  | 0.69  | 0.52  | 0.94  | 0.89  | 0.72  | 0.54  | 0.95  | 0.89  | 0.73  | 0.54  |
|       | ΔT      | 25                                   | 24    | 21    | 17    | 25    | 24    | 21    | 17    | 25    | 24    | 21    | 17    | 26    | 25    | 21    | 17    | 25    | 24    | 21    | 17    | 24    | 23    | 20    | 16    |
|       | kW      | 8.65                                 | 8.82  | 9.07  | 9.34  | 9.25  | 9.44  | 9.72  | 10.01 | 9.79  | 9.99  | 10.29 | 10.60 | 10.26 | 10.47 | 10.79 | 11.13 | 10.66 | 10.88 | 11.22 | 11.57 | 11.01 | 11.24 | 11.59 | 11.96 |
|       | Amps    | 10.7                                 | 10.9  | 11.2  | 11.6  | 11.4  | 11.7  | 12.0  | 12.4  | 12.3  | 12.6  | 13.0  | 13.4  | 13.1  | 13.4  | 13.8  | 14.3  | 13.9  | 14.2  | 14.7  | 15.2  | 14.7  | 15.0  | 15.5  | 16.0  |
|       | Hi PR   | 134                                  | 144   | 152   | 159   | 150   | 162   | 171   | 178   | 171   | 184   | 194   | 203   | 195   | 209   | 221   | 231   | 219   | 236   | 249   | 260   | 242   | 260   | 275   | 287   |
| Lo PR | 57      | 61                                   | 66    | 71    | 60    | 64    | 70    | 75    | 63    | 67    | 73    | 78    | 66    | 70    | 77    | 82    | 69    | 74    | 80    | 86    | 72    | 76    | 83    | 88    |       |

|      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 4050 | MBh  | 117.6 | 119.9 | 125.6 | 134.0 | 114.9 | 117.1 | 122.7 | 130.9 | 112.2 | 114.3 | 119.8 | 127.8 | 109.4 | 111.6 | 116.8 | 124.6 | 104.0 | 106.0 | 111.0 | 118.4 | 96.3  | 98.2  | 102.8 | 109.7 |
|      | S/T  | 0.95  | 0.91  | 0.82  | 0.67  | 0.98  | 0.95  | 0.85  | 0.69  | 1.00  | 0.97  | 0.87  | 0.71  | 1.00  | 1.00  | 0.90  | 0.73  | 1.00  | 1.00  | 0.94  | 0.76  | 1.00  | 1.00  | 0.94  | 0.77  |
|      | ΔT   | 25    | 25    | 23    | 20    | 26    | 25    | 24    | 21    | 25    | 25    | 24    | 21    | 25    | 25    | 24    | 21    | 24    | 24    | 24    | 20    | 22    | 22    | 22    | 19    |
|      | kW   | 8.97  | 9.15  | 9.41  | 9.69  | 9.61  | 9.80  | 10.09 | 10.40 | 10.17 | 10.38 | 10.69 | 11.03 | 10.67 | 10.89 | 11.22 | 11.58 | 11.09 | 11.32 | 11.67 | 12.05 | 11.45 | 11.70 | 12.06 | 12.45 |
|      | Amps | 11.1  | 11.3  | 11.7  | 12.1  | 11.9  | 12.2  | 12.6  | 13.0  | 12.9  | 13.2  | 13.6  | 14.0  | 13.7  | 14.0  | 14.4  | 14.9  | 14.5  | 14.8  | 15.3  | 15.9  | 15.3  | 15.7  | 16.2  | 16.7  |
|      | HiPR | 141   | 152   | 160   | 167   | 158   | 170   | 180   | 187   | 180   | 193   | 204   | 213   | 205   | 220   | 233   | 243   | 230   | 248   | 262   | 273   | 254   | 274   | 289   | 302   |
|      | LoPR | 60    | 64    | 70    | 74    | 64    | 68    | 74    | 79    | 66    | 70    | 77    | 82    | 69    | 74    | 81    | 86    | 73    | 77    | 84    | 90    | 75    | 80    | 87    | 93    |
|      | MBh  | 114.2 | 116.4 | 121.9 | 130.1 | 111.6 | 113.7 | 119.1 | 127.1 | 108.9 | 111.0 | 116.3 | 124.0 | 106.2 | 108.3 | 113.4 | 121.0 | 100.9 | 102.9 | 107.8 | 115.0 | 93.5  | 95.3  | 99.8  | 106.5 |
|      | S/T  | 0.90  | 0.87  | 0.79  | 0.64  | 0.93  | 0.90  | 0.81  | 0.66  | 0.96  | 0.92  | 0.83  | 0.68  | 0.99  | 0.95  | 0.86  | 0.70  | 1.00  | 0.99  | 0.89  | 0.73  | 1.00  | 1.00  | 0.90  | 0.73  |
|      | ΔT   | 26    | 26    | 24    | 21    | 27    | 26    | 25    | 21    | 27    | 26    | 25    | 21    | 27    | 26    | 25    | 22    | 26    | 26    | 25    | 21    | 24    | 24    | 23    | 20    |
| 3600 | kW   | 8.91  | 9.08  | 9.34  | 9.62  | 9.54  | 9.73  | 10.02 | 10.32 | 10.09 | 10.30 | 10.61 | 10.94 | 10.59 | 10.80 | 11.14 | 11.49 | 11.00 | 11.23 | 11.58 | 11.95 | 11.36 | 11.60 | 11.97 | 12.35 |
|      | Amps | 11.0  | 11.3  | 11.6  | 12.0  | 11.8  | 12.1  | 12.5  | 12.9  | 12.8  | 13.0  | 13.4  | 13.9  | 13.6  | 13.9  | 14.3  | 14.8  | 14.4  | 14.7  | 15.2  | 15.7  | 15.2  | 15.5  | 16.0  | 16.6  |
|      | HiPR | 139   | 150   | 158   | 165   | 156   | 168   | 178   | 185   | 178   | 191   | 202   | 211   | 203   | 218   | 230   | 240   | 228   | 245   | 259   | 270   | 252   | 271   | 286   | 299   |
|      | LoPR | 60    | 63    | 69    | 74    | 63    | 67    | 73    | 78    | 65    | 70    | 76    | 81    | 69    | 73    | 80    | 85    | 72    | 77    | 84    | 89    | 74    | 79    | 86    | 92    |
|      | MBh  | 105.4 | 107.5 | 112.5 | 120.1 | 103.0 | 105.0 | 109.9 | 117.3 | 100.5 | 102.5 | 107.3 | 114.5 | 98.1  | 100.0 | 104.7 | 111.7 | 93.2  | 95.0  | 99.5  | 106.1 | 86.3  | 88.0  | 92.1  | 98.3  |
|      | S/T  | 0.87  | 0.84  | 0.76  | 0.61  | 0.90  | 0.87  | 0.78  | 0.64  | 0.92  | 0.89  | 0.80  | 0.65  | 0.95  | 0.92  | 0.83  | 0.67  | 0.99  | 0.95  | 0.86  | 0.70  | 1.00  | 0.96  | 0.87  | 0.71  |
|      | ΔT   | 27    | 26    | 25    | 22    | 27    | 27    | 25    | 22    | 27    | 27    | 25    | 22    | 27    | 27    | 25    | 22    | 27    | 26    | 25    | 22    | 25    | 25    | 23    | 20    |
|      | kW   | 8.71  | 8.88  | 9.14  | 9.41  | 9.32  | 9.51  | 9.79  | 10.08 | 9.86  | 10.06 | 10.37 | 10.68 | 10.34 | 10.55 | 10.87 | 11.21 | 10.75 | 10.97 | 11.31 | 11.66 | 11.09 | 11.33 | 11.68 | 12.05 |
|      | Amps | 10.7  | 11.0  | 11.3  | 11.7  | 11.5  | 11.8  | 12.1  | 12.6  | 12.4  | 12.7  | 13.1  | 13.6  | 13.2  | 13.5  | 13.9  | 14.4  | 14.0  | 14.3  | 14.8  | 15.3  | 14.8  | 15.1  | 15.6  | 16.2  |
|      | HiPR | 135   | 146   | 154   | 160   | 152   | 163   | 172   | 180   | 173   | 186   | 196   | 205   | 197   | 212   | 223   | 233   | 221   | 238   | 251   | 262   | 244   | 263   | 278   | 290   |
|      | LoPR | 58    | 61    | 67    | 71    | 61    | 65    | 71    | 76    | 63    | 67    | 74    | 78    | 67    | 71    | 77    | 82    | 70    | 74    | 81    | 86    | 72    | 77    | 84    | 89    |

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

# AHRI PERFORMANCE RATINGS

| Outdoor Unit    | Indoor Units        |                  | Cooling Capacity (BTU/h) |          |                   |                  | AHRI #  |
|-----------------|---------------------|------------------|--------------------------|----------|-------------------|------------------|---------|
|                 | Coil & Air Handlers | Furnace / Blower | Total                    | Sensible | SEER <sup>1</sup> | EER <sup>2</sup> |         |
| GSC13<br>0363A* | ADPF304216A*        |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 1038171 |
|                 | ADPF304216B*        |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 1492444 |
|                 | ADPF30421A*         |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 735061  |
|                 | ADPF30421B*         |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 1062407 |
|                 | AEPF303616A*        |                  | 35,000                   | 26,300   | 14.0              | 12.2             | 1038170 |
|                 | AEPF303616B*        |                  | 35,000                   | 26,300   | 14.0              | 12.2             | 1277815 |
|                 | AEPF303616C*        |                  | 35,000                   | 26,300   | 14.0              | 12.2             | 1443920 |
|                 | AEPF30361A*         |                  | 35,000                   | 26,300   | 14.0              | 12.2             | 735042  |
|                 | AEPF30361B*         |                  | 35,000                   | 26,300   | 14.0              | 12.2             | 1062408 |
|                 | AEPT036-00*-1*      |                  | 35,000                   | 26,300   | 14.0              | 12.2             | 735118  |
|                 | AR*F364216B*        |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 1443936 |
|                 | ARPF048-00B-1*      |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 735048  |
|                 | ARPF364216A*        |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 1038169 |
|                 | ARPF36421A*         |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 735038  |
|                 | ARPF36421B*         |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 1062409 |
|                 | ARPT049-00*-1*      |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 735181  |
|                 | ASPF303616A*        |                  | 35,000                   | 26,300   | 14.0              | 12.2             | 1293239 |
|                 | ASPF303616B*        |                  | 35,000                   | 26,300   | 14.0              | 12.2             | 1443940 |
|                 | AT*F364216A*        |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 1483499 |
|                 | CA*F048*2*+EEP      |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 735113  |
|                 | CA*F3636*6A*+EEP    |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 735184  |
|                 | CA*F3636*6B*+EEP    |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 1347173 |
|                 | CHPF048D2*+EEP      |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 735064  |
|                 | CHPF3636B6A*+EEP    |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 735246  |
|                 | CHPF3636B6B*+EEP    |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 1330568 |
|                 | CHPF3642C6A*+EEP    |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 735126  |
|                 | CHPF3642C6B*+EEP    |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 1330569 |
|                 | CHPF3642D6A*+EEP    |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 735966  |
|                 | CHPF3642D6B*+EEP    |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 1330570 |
|                 | CSCF3036N6A*+EEP    |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 735236  |
|                 | CSCF3036N6B*+EEP    |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 1296756 |
|                 | CT*F3636*6A*+EEP    |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 1449665 |
|                 | H49F+EEP            |                  | 35,000                   | 26,300   | 13.0              | 11.5             | 735111  |
| GSC13<br>0363B* | ADPF304216B*        |                  | 34,800                   | 26,100   | 13.0              | 11.5             | 3402441 |
|                 | AEPF303616C*        |                  | 34,800                   | 26,100   | 14.0              | 12.2             | 3402442 |
|                 | AEPF313716A*        |                  | 34,800                   | 26,100   | 14.0              | 12.2             | 3402443 |
|                 | AR*F364216B*        |                  | 34,800                   | 26,100   | 13.0              | 11.5             | 3402444 |
|                 | ASPF303616B*        |                  | 34,800                   | 26,100   | 14.0              | 12.2             | 3402445 |
|                 | ASPF313716A*        |                  | 34,800                   | 26,100   | 14.0              | 12.2             | 3402446 |
|                 | AT*F364216A*        |                  | 34,800                   | 26,100   | 13.0              | 11.5             | 3402447 |
|                 | CA*F3636*6B*+EEP    |                  | 34,800                   | 26,100   | 13.0              | 11.5             | 3402448 |
|                 | CA*F3636*6C*+EEP    |                  | 34,800                   | 26,100   | 13.0              | 11.5             | 3402449 |
|                 | CHPF3636B6B*+EEP    |                  | 34,800                   | 26,100   | 13.0              | 11.5             | 3402450 |
|                 | CHPF3636B6C*+EEP    |                  | 34,800                   | 26,100   | 13.0              | 11.5             | 3402451 |
|                 | CHPF3642C6B*+EEP    |                  | 34,800                   | 26,100   | 13.0              | 11.5             | 3402452 |
|                 | CHPF3642C6C*+EEP    |                  | 34,800                   | 26,100   | 13.0              | 11.5             | 3402453 |
|                 | CHPF3642D6B*+EEP    |                  | 34,800                   | 26,100   | 13.0              | 11.5             | 3402454 |
|                 | CHPF3642D6C*+EEP    |                  | 34,800                   | 26,100   | 13.0              | 11.5             | 3402455 |
|                 | CSCF3036N6B*+EEP    |                  | 34,800                   | 26,100   | 13.0              | 11.5             | 3402456 |
|                 | CT*F3636*6A*+EEP    |                  | 34,800                   | 26,100   | 13.0              | 11.5             | 3402457 |

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# **AHRI PERFORMANCE RATINGS (CONT.)**

| Outdoor Unit    | Indoor Units        |                  | Cooling Capacity (BTU/h) |          |                   |                  | AHRI #  |
|-----------------|---------------------|------------------|--------------------------|----------|-------------------|------------------|---------|
|                 | Coil & Air Handlers | Furnace / Blower | Total                    | Sensible | SEER <sup>1</sup> | EER <sup>2</sup> |         |
| GSC13<br>0483A* | ADPF486016A*        |                  | 46,000                   | 35,000   | 13.0              | 11.5             | 1038168 |
|                 | ADPF486016B*        |                  | 46,000                   | 35,000   | 13.0              | 11.5             | 1492453 |
|                 | ADPF48601A*         |                  | 45,500                   | 34,600   | 13.0              | 11.5             | 872332  |
|                 | ADPF48601B*         |                  | 46,000                   | 35,000   | 13.0              | 11.5             | 1062419 |
|                 | AEPF426016A*        |                  | 46,000                   | 35,000   | 14.0              | 12.2             | 1038167 |
|                 | AEPF426016B*        |                  | 46,000                   | 35,000   | 14.0              | 12.2             | 1277818 |
|                 | AEPF426016C*        |                  | 46,000                   | 35,000   | 14.0              | 12.2             | 1492454 |
|                 | AEPF42601A*         |                  | 45,500                   | 34,600   | 14.0              | 12.2             | 872366  |
|                 | AEPF42601B*         |                  | 46,000                   | 35,000   | 14.0              | 12.2             | 1062420 |
|                 | AEPT060-00*-1*      |                  | 45,500                   | 34,600   | 14.0              | 12.2             | 872400  |
|                 | AR*F486016B*        |                  | 46,000                   | 35,000   | 13.0              | 11.5             | 1492455 |
|                 | ARPF060-00B-1*      |                  | 45,500                   | 34,600   | 13.0              | 11.5             | 872345  |
|                 | ARPF486016A*        |                  | 46,000                   | 35,000   | 13.0              | 11.5             | 1038165 |
|                 | ARPF48601A*         |                  | 45,500                   | 34,600   | 13.0              | 11.5             | 872351  |
|                 | ARPF48601B*         |                  | 46,000                   | 35,000   | 13.0              | 11.5             | 1062421 |
|                 | ARPT061-00*-1*      |                  | 45,500                   | 34,600   | 13.0              | 11.5             | 872223  |
|                 | ARUF061-00*-1*      |                  | 45,500                   | 34,600   | 13.0              | 11.5             | 872220  |
|                 | ARUF486016A*        |                  | 46,000                   | 35,000   | 13.0              | 11.5             | 1038166 |
|                 | ARUF48601A*         |                  | 45,500                   | 34,600   | 13.0              | 11.5             | 872282  |
|                 | ARUF48601B*         |                  | 45,500                   | 34,600   | 13.0              | 11.5             | 1062422 |
|                 | ASPF426016A*        |                  | 46,000                   | 35,000   | 14.0              | 12.2             | 1291674 |
|                 | ASPF426016B*        |                  | 46,000                   | 35,000   | 14.0              | 12.2             | 1492456 |
|                 | AT*F486016A*        |                  | 46,000                   | 35,000   | 13.0              | 11.5             | 1483503 |
|                 | CA*F061*2*+EEP      |                  | 45,500                   | 34,600   | 13.0              | 11.5             | 869440  |
|                 | CA*F4860*6A*+EEP    |                  | 45,500                   | 34,600   | 13.0              | 11.5             | 869438  |
|                 | CA*F4860*6B*+EEP    |                  | 45,500                   | 34,600   | 13.0              | 11.5             | 1347073 |
|                 | CHPF060D2*+EEP      |                  | 45,500                   | 34,600   | 13.0              | 11.5             | 869450  |
|                 | CHPF4860D6A*+EEP    |                  | 45,500                   | 34,600   | 13.0              | 11.5             | 869456  |
|                 | CHPF4860D6C*+EEP    |                  | 45,500                   | 34,600   | 13.0              | 11.5             | 1330582 |
|                 | CSCF4860N6A*+EEP    |                  | 45,500                   | 34,600   | 13.0              | 11.5             | 869457  |
|                 | CSCF4860N6C*+EEP    |                  | 45,500                   | 34,600   | 13.0              | 11.5             | 1296769 |
|                 | CT*F4860*6A*+EEP    |                  | 45,500                   | 34,600   | 13.0              | 11.5             | 1449682 |
|                 | H61F+EEP            |                  | 45,500                   | 34,600   | 13.0              | 11.5             | 869462  |
| GSC13<br>0483B* | ADPF486016B*        |                  | 46,000                   | 34,700   | 13.0              | 11.3             | 3485879 |
|                 | AEPF426016C*        |                  | 46,000                   | 34,700   | 14.0              | 12.0             | 3485880 |
|                 | AR*F486016B*        |                  | 46,000                   | 34,700   | 13.0              | 11.3             | 3485881 |
|                 | AR*F496116A*        |                  | 46,000                   | 34,700   | 13.0              | 11.3             | 3485882 |
|                 | ASPF426016B*        |                  | 46,000                   | 34,700   | 14.0              | 12.0             | 3485883 |
|                 | AT*F486016A*        |                  | 46,000                   | 34,700   | 13.0              | 11.3             | 3485884 |
|                 | CA*F4860*6B*+EEP    |                  | 45,500                   | 34,300   | 13.0              | 11.3             | 3485885 |
|                 | CHPF4860D6C*+EEP    |                  | 45,500                   | 34,300   | 13.0              | 11.3             | 3485886 |
|                 | CHPF4860D6D*+EEP    |                  | 45,500                   | 34,300   | 13.0              | 11.3             | 3485887 |
|                 | CSCF4860N6C*+EEP    |                  | 45,500                   | 34,300   | 13.0              | 11.3             | 3485888 |
|                 | CT*F4860*6A*+EEP    |                  | 45,500                   | 34,300   | 13.0              | 11.3             | 3485889 |

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**AHRI PERFORMANCE RATINGS (CONT.)**

| Outdoor Unit    | Indoor Units        |                  | Cooling Capacity (BTU/h) |          |                   |                  | AHRI #  |
|-----------------|---------------------|------------------|--------------------------|----------|-------------------|------------------|---------|
|                 | Coil & Air Handlers | Furnace / Blower | Total                    | Sensible | SEER <sup>1</sup> | EER <sup>2</sup> |         |
| GSC13<br>0484A* | ADPF486016A*        |                  | 46,000                   | 34,000   | 13.0              | 11.5             | 1038164 |
|                 | ADPF486016B*        |                  | 46,000                   | 34,000   | 13.0              | 11.5             | 1492457 |
|                 | ADPF48601A*         |                  | 45,500                   | 33,700   | 13.0              | 11.5             | 872367  |
|                 | ADPF48601B*         |                  | 45,500                   | 33,700   | 13.0              | 11.5             | 1062440 |
|                 | AEPF426016A*        |                  | 46,000                   | 34,000   | 14.0              | 12.2             | 1038163 |
|                 | AEPF426016B*        |                  | 46,000                   | 34,000   | 14.0              | 12.2             | 1277819 |
|                 | AEPF426016C*        |                  | 46,000                   | 34,000   | 14.0              | 12.2             | 1492458 |
|                 | AEPF42601A*         |                  | 45,500                   | 33,700   | 14.0              | 12.2             | 872388  |
|                 | AEPF42601B*         |                  | 45,500                   | 33,700   | 14.0              | 12.2             | 1062441 |
|                 | AEPT060-00*-1*      |                  | 45,500                   | 33,700   | 14.0              | 12.2             | 872398  |
|                 | AR*F486016B*        |                  | 46,000                   | 34,000   | 13.0              | 11.5             | 1492459 |
|                 | ARPF060-00B-1*      |                  | 45,500                   | 33,700   | 13.0              | 11.5             | 872371  |
|                 | ARPF486016A*        |                  | 46,000                   | 34,000   | 13.0              | 11.5             | 1038162 |
|                 | ARPF48601A*         |                  | 45,500                   | 33,700   | 13.0              | 11.5             | 872337  |
|                 | ARPF48601B*         |                  | 45,500                   | 33,700   | 13.0              | 11.5             | 1062442 |
|                 | ARPT061-00*-1*      |                  | 45,500                   | 33,700   | 13.0              | 11.5             | 872300  |
|                 | ARUF061-00*-1*      |                  | 45,500                   | 33,700   | 13.0              | 11.5             | 872276  |
|                 | ARUF486016A*        |                  | 46,000                   | 34,000   | 13.0              | 11.5             | 1038161 |
|                 | ARUF48601A*         |                  | 45,500                   | 33,700   | 13.0              | 11.5             | 872232  |
|                 | ARUF48601B*         |                  | 45,500                   | 33,700   | 13.0              | 11.5             | 1062443 |
|                 | ASPF426016A*        |                  | 45,500                   | 33,700   | 14.0              | 12.2             | 1291675 |
|                 | ASPF426016B*        |                  | 45,500                   | 33,700   | 14.0              | 12.2             | 1492460 |
|                 | AT*F486016A*        |                  | 46,000                   | 34,000   | 13.0              | 11.5             | 1483504 |
|                 | CA*F061*2*+EEP      |                  | 45,500                   | 33,700   | 13.0              | 11.5             | 869474  |
|                 | CA*F4860*6A*+EEP    |                  | 45,500                   | 33,700   | 13.0              | 11.5             | 869464  |
|                 | CA*F4860*6B*+EEP    |                  | 45,500                   | 33,700   | 13.0              | 11.5             | 1347074 |
|                 | CHPF060D2*+EEP      |                  | 45,500                   | 33,700   | 13.0              | 11.5             | 869467  |
|                 | CHPF4860D6A*+EEP    |                  | 45,500                   | 33,700   | 13.0              | 11.5             | 869465  |
|                 | CHPF4860D6C*+EEP    |                  | 45,500                   | 33,700   | 13.0              | 11.5             | 1330583 |
|                 | CSCF4860N6A*+EEP    |                  | 45,500                   | 33,700   | 13.0              | 11.5             | 869454  |
|                 | CSCF4860N6C*+EEP    |                  | 45,500                   | 33,700   | 13.0              | 11.5             | 1296770 |
|                 | CT*F4860*6A*+EEP    |                  | 45,500                   | 33,700   | 13.0              | 11.5             | 1449683 |
|                 | H61F+EEP            |                  | 45,500                   | 33,700   | 13.0              | 11.5             | 869461  |
| GSC13<br>0484B* | ADPF486016B*        |                  | 46,000                   | 34,700   | 13.0              | 11.3             | 3485890 |
|                 | AEPF426016C*        |                  | 46,000                   | 34,700   | 14.0              | 12.0             | 3485891 |
|                 | AR*F486016B*        |                  | 46,000                   | 34,700   | 13.0              | 11.3             | 3485892 |
|                 | AR*F496116A*        |                  | 46,000                   | 34,700   | 13.0              | 11.3             | 3485893 |
|                 | ASPF426016B*        |                  | 46,000                   | 34,700   | 14.0              | 12.0             | 3485894 |
|                 | AT*F486016A*        |                  | 46,000                   | 34,700   | 13.0              | 11.3             | 3485895 |
|                 | CA*F4860*6B*+EEP    |                  | 45,500                   | 34,300   | 13.0              | 11.3             | 3485896 |
|                 | CHPF4860D6C*+EEP    |                  | 45,500                   | 34,300   | 13.0              | 11.3             | 3485897 |
|                 | CHPF4860D6D*+EEP    |                  | 45,500                   | 34,300   | 13.0              | 11.3             | 3485898 |
|                 | CSCF4860N6C*+EEP    |                  | 45,500                   | 34,300   | 13.0              | 11.3             | 3485899 |
|                 | CT*F4860*6A*+EEP    |                  | 45,500                   | 34,300   | 13.0              | 11.3             | 3485900 |

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# **AHRI PERFORMANCE RATINGS (CONT.)**

| Outdoor Unit    | Indoor Units        |                  | Cooling Capacity (BTU/h) |          |                   |                  | AHRI #  |
|-----------------|---------------------|------------------|--------------------------|----------|-------------------|------------------|---------|
|                 | Coil & Air Handlers | Furnace / Blower | Total                    | Sensible | SEER <sup>1</sup> | EER <sup>2</sup> |         |
| GSC13<br>0603A* | ADPF486016A*        |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 1038160 |
|                 | ADPF486016B*        |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 1492466 |
|                 | ADPF48601A*         |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 872325  |
|                 | ADPF48601B*         |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 1062427 |
|                 | AR*F486016B*        |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 1492467 |
|                 | ARPF060-00B-1*      |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 872227  |
|                 | ARPF486016A*        |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 1038159 |
|                 | ARPF48601A*         |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 872404  |
|                 | ARPF48601B*         |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 1062428 |
|                 | ARPT061-00*-1*      |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 872358  |
|                 | ARUF061-00*-1*      |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 872297  |
|                 | ARUF486016A*        |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 1038158 |
|                 | ARUF48601A*         |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 872380  |
|                 | ARUF48601B*         |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 1062429 |
|                 | ASPF426016A*        |                  | 57,000                   | 39,900   | 13.5              | 11.9             | 1293241 |
|                 | ASPF426016B*        |                  | 57,000                   | 39,900   | 13.5              | 11.9             | 1492468 |
|                 | AT*F486016A*        |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 1483506 |
|                 | CA*F061*2*+EEP      |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 869444  |
|                 | CA*F4860*6A*+EEP    |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 869460  |
|                 | CA*F4860*6B*+EEP    |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 1347076 |
|                 | CHPF060D2*+EEP      |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 869473  |
|                 | CHPF4860D6A*+EEP    |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 869471  |
|                 | CHPF4860D6C*+EEP    |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 1330588 |
|                 | CSCF4860N6A*+EEP    |                  | 56,000                   | 39,200   | 13.0              | 11.5             | 869449  |
|                 | CSCF4860N6C*+EEP    |                  | 56,000                   | 39,200   | 13.0              | 11.5             | 1296775 |
|                 | CT*F4860*6A*+EEP    |                  | 57,000                   | 39,900   | 13.0              | 11.5             | 1449689 |
|                 | H61F+EEP            |                  | 56,000                   | 39,200   | 13.0              | 11.5             | 869430  |
| GSC13<br>0603B* | ADPF486016B*        |                  | 57,000                   | 40,600   | 13.0              | 11.5             | 3540083 |
|                 | AR*F486016B*        |                  | 56,000                   | 39,900   | 13.0              | 11.5             | 3540084 |
|                 | AR*F496116A*        |                  | 57,000                   | 40,600   | 13.0              | 11.5             | 3540085 |
|                 | ASPF426016B*        |                  | 57,000                   | 40,600   | 13.5              | 11.9             | 3540086 |
|                 | AT*F486016A*        |                  | 57,000                   | 40,600   | 13.0              | 11.5             | 3540087 |
|                 | CA*F4860*6B*+EEP    |                  | 56,000                   | 39,900   | 13.0              | 11.5             | 3540088 |
|                 | CA*F4961*6A*+EEP    |                  | 57,000                   | 40,600   | 13.0              | 11.5             | 3540082 |
|                 | CHPF4860D6C*+EEP    |                  | 57,000                   | 40,600   | 13.0              | 11.5             | 3540089 |
|                 | CHPF4860D6D*+EEP    |                  | 57,000                   | 40,600   | 13.0              | 11.5             | 3540090 |
|                 | CSCF4860N6C*+EEP    |                  | 57,000                   | 40,600   | 13.0              | 11.5             | 3540091 |
|                 | CT*F4860*6A*+EEP    |                  | 57,000                   | 40,600   | 13.0              | 11.5             | 3540092 |
| GSC13<br>0604A* | ADPF486016A*        |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 1038157 |
|                 | ADPF486016B*        |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 1492469 |
|                 | ADPF48601A*         |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 872286  |
|                 | ADPF48601B*         |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 1062444 |
|                 | AR*F486016B*        |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 1492470 |
|                 | ARPF060-00B-1*      |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 872245  |

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# **AHRI PERFORMANCE RATINGS (CONT.)**

| Outdoor Unit               | Indoor Units        |                  | Cooling Capacity (BTU/h) |          |                   |                  | AHRI #  |
|----------------------------|---------------------|------------------|--------------------------|----------|-------------------|------------------|---------|
|                            | Coil & Air Handlers | Furnace / Blower | Total                    | Sensible | SEER <sup>1</sup> | EER <sup>2</sup> |         |
| GSC13<br>0604A*<br>(cont.) | ARPF486016A*        |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 1038156 |
|                            | ARPF48601A*         |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 872248  |
|                            | ARPF48601B*         |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 1062445 |
|                            | ARPT061-00*-1*      |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 872250  |
|                            | ARUF061-00*-1*      |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 872389  |
|                            | ARUF486016A*        |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 1038155 |
|                            | ARUF48601A*         |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 872236  |
|                            | ARUF48601B*         |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 1062439 |
|                            | ASPF426016A*        |                  | 57,000                   | 41,000   | 13.5              | 11.9             | 1293245 |
|                            | ASPF426016B*        |                  | 57,000                   | 41,000   | 13.5              | 11.9             | 1492471 |
|                            | AT*F486016A*        |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 1483507 |
|                            | CA*F061*2*+EEP      |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 869432  |
|                            | CA*F4860*6A*+EEP    |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 869475  |
|                            | CA*F4860*6B*+EEP    |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 1347077 |
|                            | CHPF060D2*+EEP      |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 869448  |
|                            | CHPF4860D6A*+EEP    |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 869437  |
|                            | CHPF4860D6C*+EEP    |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 1330589 |
|                            | CSCF4860N6A*+EEP    |                  | 56,000                   | 40,300   | 13.0              | 11.5             | 869470  |
|                            | CSCF4860N6C*+EEP    |                  | 56,000                   | 40,300   | 13.0              | 11.5             | 1296776 |
|                            | CT*F4860*6A*+EEP    |                  | 57,000                   | 41,000   | 13.0              | 11.5             | 1449690 |
|                            | H61F+EEP            |                  | 56,000                   | 40,300   | 13.0              | 11.5             | 869459  |
| GSC13<br>0604B*            | ADPF486016B*        |                  | 57,000                   | 40,600   | 13.0              | 11.5             | 3541340 |
|                            | AR*F486016B*        |                  | 56,000                   | 39,900   | 13.0              | 11.5             | 3541341 |
|                            | AR*F496116A*        |                  | 57,000                   | 40,600   | 13.0              | 11.5             | 3541342 |
|                            | ASPF426016B*        |                  | 57,000                   | 40,600   | 13.5              | 11.9             | 3541343 |
|                            | AT*F486016A*        |                  | 57,000                   | 40,600   | 13.0              | 11.5             | 3541344 |
|                            | CA*F4860*6B*+EEP    |                  | 56,000                   | 39,900   | 13.0              | 11.5             | 3541345 |
|                            | CA*F4961*6A*+EEP    |                  | 57,000                   | 40,600   | 13.0              | 11.5             | 3541339 |
|                            | CHPF4860D6C*+EEP    |                  | 57,000                   | 40,600   | 13.0              | 11.5             | 3541346 |
|                            | CHPF4860D6D*+EEP    |                  | 57,000                   | 40,600   | 13.0              | 11.5             | 3541347 |
|                            | CSCF4860N6C*+EEP    |                  | 57,000                   | 40,600   | 13.0              | 11.5             | 3541348 |
|                            | CT*F4860*6A*+EEP    |                  | 57,000                   | 40,600   | 13.0              | 11.5             | 3541349 |

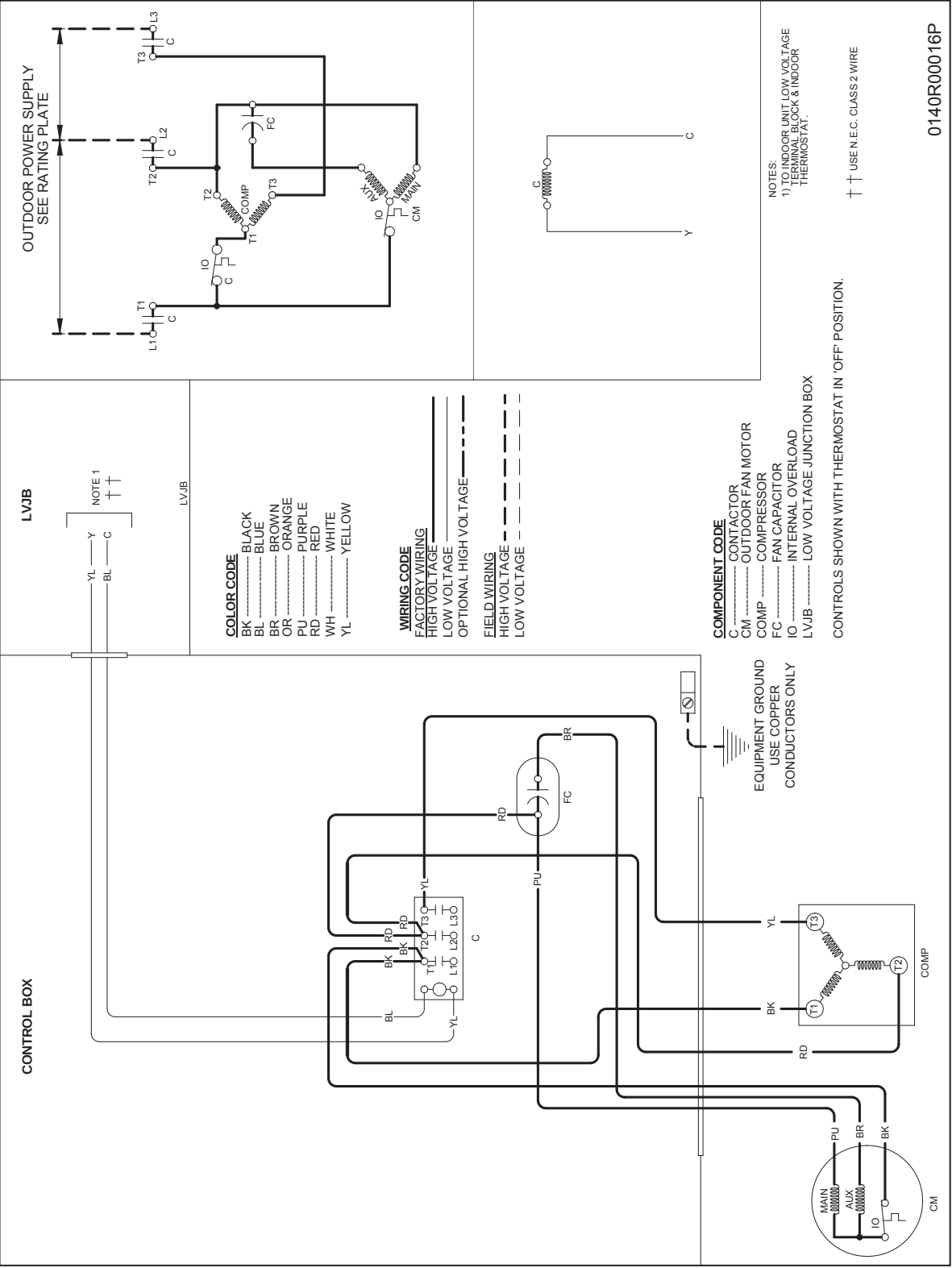
<sup>1</sup> Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240 @ 80°F/ 67°F/ 95°F

<sup>2</sup> Energy Efficiency Ratio @ 80 °F/67 °F Inside - 95 °F

**NOTES:**

- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP: Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Goodman Gas Furnace contains the EEP cooling time delay.

# WIRING DIAGRAM — GSC13 / GSC10



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



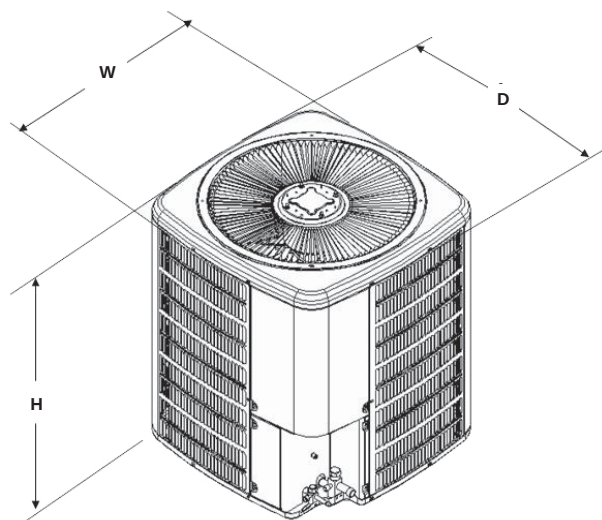
**WARNING**

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



## PRODUCT SPECIFICATIONS

### DIMENSIONS



| Model      | Dimensions       |                  |                  |
|------------|------------------|------------------|------------------|
|            | W"               | D"               | H"               |
| GSC130363A | 29               | 29               | 34 $\frac{3}{4}$ |
| GSC130363B | 29               | 29               | 30 $\frac{3}{4}$ |
| GSC130483A | 29               | 29               | 38 $\frac{3}{4}$ |
| GSC130483B | 29               | 29               | 34 $\frac{3}{4}$ |
| GSC130484A | 29               | 29               | 38 $\frac{3}{4}$ |
| GSC130484B | 29               | 29               | 34 $\frac{3}{4}$ |
| GSC130603A | 35 $\frac{1}{2}$ | 35 $\frac{1}{2}$ | 38 $\frac{3}{4}$ |
| GSC130603B | 29               | 29               | 40               |
| GSC130604A | 35 $\frac{1}{2}$ | 35 $\frac{1}{2}$ | 38 $\frac{3}{4}$ |
| GSC130604B | 29               | 29               | 40               |
| GSC100903A | 35 $\frac{1}{2}$ | 35 $\frac{1}{2}$ | 41 $\frac{1}{2}$ |
| GSC100904A | 35 $\frac{1}{2}$ | 35 $\frac{1}{2}$ | 41 $\frac{1}{2}$ |
| GSC101203A | 35 $\frac{1}{2}$ | 35 $\frac{1}{2}$ | 41 $\frac{1}{2}$ |
| GSC101204A | 35 $\frac{1}{2}$ | 35 $\frac{1}{2}$ | 41 $\frac{1}{2}$ |

### ACCESSORIES

| MODEL      | DESCRIPTION                           | GSC13<br>36* | GSC13<br>48* | GSC13<br>60* | GSC10<br>090* | GSC10<br>120* |
|------------|---------------------------------------|--------------|--------------|--------------|---------------|---------------|
| ABK-20     | Anchor Bracket Kit ▼                  | X            | X            | X            | X             | X             |
| ASC-01     | Anti-Short Cycle Kit                  | X            | X            | X            |               |               |
| CSR-U-1    | Hard-start Kit                        | X            |              |              |               |               |
| CSR-U-2    | Hard-start Kit                        | X            | X            | X            |               |               |
| CSR-U-3    | Hard-start Kit                        |              | X            | X            |               |               |
| FSK01A *   | Freeze Protection Kit <sup>1</sup>    | X            | X            | X            | X             | X             |
| LA-01      | Low Ambient Kit                       |              |              |              | X             | X             |
| LSK01A     | Liquid Line Solenoid Kit <sup>2</sup> | X            | X            | X            |               |               |
| 0263M00019 | Crankcase Heater                      |              |              |              |               |               |
| OT18-60A   | Outdoor Thermostat                    | X            | X            | X            |               |               |
| TX3N22     | TXV Kit                               | X            |              |              |               |               |
| TX5N22     | TXV Kit                               |              | X            | X            |               |               |

▼ Contains 20 brackets; four brackets needed to anchor unit to pad

<sup>1</sup> Installed on indoor coil

<sup>2</sup> Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit.

