



Air Conditioning & Heating

**COOLING CAPACITY**  
**18,000 - 57,000 BTU/h**

**GSC13**

**13 SEER**

**R-22**

**SPLIT SYSTEM AIR CONDITIONER**

#### Standard Features

- Energy-efficient compressor
- Quiet condenser fan system
- Factory-installed liquid-line filter drier
- Copper tube/aluminum fin coil
- For use with R-22 refrigerant; charged with inert gas for shipping
- R-22 piston kit included
- Brass liquid and suction service valves with sweat connections
- Contactor with lug connections
- Ground lug connection
- ETL Listed

#### Cabinet Features

- Louver design sound control top
- Steel louver coil guard
- 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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\* Complete warranty details available from your local dealer or at [www.goodmanmfg.com](http://www.goodmanmfg.com).



## NOMENCLATURE

|                                                         | G                                      | S | C | 13  | 036   | 1 | A                           | A  |  |
|---------------------------------------------------------|----------------------------------------|---|---|-----|-------|---|-----------------------------|----|--|
|                                                         | 1                                      | 2 | 3 | 4,5 | 6,7,8 | 9 | 10                          | 11 |  |
| Brand                                                   |                                        |   |   |     |       |   | Engineering *               |    |  |
| G                                                       | Goodman® (Standard Feature Set Models) |   |   |     |       |   | Minor Revision              |    |  |
| Product Category                                        |                                        |   |   |     |       |   | Engineering *               |    |  |
| S                                                       | Split System                           |   |   |     |       |   | Major Revision              |    |  |
| Unit Type                                               |                                        |   |   |     |       |   | Electrical                  |    |  |
| C                                                       | Condenser R-22                         |   |   |     |       |   | 1 208/230 V, 1 Phase, 60 Hz |    |  |
| H                                                       | Heat Pump R-22                         |   |   |     |       |   | Nominal Capacity            |    |  |
| Efficiency                                              |                                        |   |   |     |       |   | 018 1½ Tons 042 3½ Tons     |    |  |
| 13                                                      | 13 SEER                                |   |   |     |       |   | 024 2 Tons 048 4 Tons       |    |  |
|                                                         |                                        |   |   |     |       |   | 030 2½ Tons 060 5 Tons      |    |  |
|                                                         |                                        |   |   |     |       |   | 036 3 Tons                  |    |  |
| * Neither used for order entry or inventory management. |                                        |   |   |     |       |   |                             |    |  |

# **SPECIFICATIONS**

|                                         | <b>GSC13<br/>0181D*</b> | <b>GSC13<br/>0181F*</b> | <b>GSC13<br/>0241E*</b> | <b>GSC13<br/>0241F*</b> | <b>GSC13<br/>0301E*</b> | <b>GSC13<br/>0361G*</b> | <b>GSC13<br/>0421B*</b> | <b>GSC13<br/>0481B*</b> | <b>GSC13<br/>0601B*</b> |
|-----------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>COOLING CAPACITIES</b>               |                         |                         |                         |                         |                         |                         |                         |                         |                         |
| Nominal Cooling (BTU/h)                 | 18,000                  | 18,000                  | 24,000                  | 24,000                  | 30,000                  | 36,000                  | 42,000                  | 48,000                  | 57,000                  |
| Decibels                                | 74                      | 76                      | 71                      | 76                      | 72                      | 75                      | 76                      | 76                      | 77                      |
| <b>COMPRESSOR</b>                       |                         |                         |                         |                         |                         |                         |                         |                         |                         |
| RLA / LRA                               | 6.4 / 36                | 6.4 / 36                | 8.0 / 41                | 10.8 / 56               | 13.5 / 68               | 13.4 / 74               | 19.2 / 104              | 17.9 / 104              | 25 / 148                |
| Type                                    | Recip                   | Recip                   | Recip                   | Recip                   | Scroll                  | Recip                   | Scroll                  | Scroll                  | Scroll                  |
| <b>CONDENSER FAN MOTOR</b>              |                         |                         |                         |                         |                         |                         |                         |                         |                         |
| Horsepower                              | 1/8                     | 1/8                     | 1/8                     | 1/8                     | 1/8                     | 1/6                     | ¼                       | ¼                       | ⅓                       |
| FLA                                     | 0.7                     | 0.7                     | 0.7                     | 0.7                     | 0.7                     | 1.1                     | 1.5                     | 1.5                     | 1.1                     |
| <b>REFRIGERATION SYSTEM</b>             |                         |                         |                         |                         |                         |                         |                         |                         |                         |
| <b>Refrigerant Line Size</b>            |                         |                         |                         |                         |                         |                         |                         |                         |                         |
| Liquid Line Size ("O.D.)                | ⅜"                      | ⅜"                      | ⅜"                      | ⅜"                      | ⅜"                      | ⅜"                      | ⅜"                      | ⅜"                      | ⅜"                      |
| Suction Line Size ("O.D.)               | ¾"                      | ¾"                      | ¾"                      | ¾"                      | ¾"                      | ⅞"                      | 1⅞"                     | 1⅞"                     | 1⅞"                     |
| <b>Refrigerant Connection Size</b>      |                         |                         |                         |                         |                         |                         |                         |                         |                         |
| Liquid Valve Size ("O.D.)               | ⅜"                      | ⅜"                      | ⅜"                      | ⅜"                      | ⅜"                      | ⅜"                      | ⅜"                      | ⅜"                      | ⅜"                      |
| Suction Valve Size ("O.D.) <sup>3</sup> | ¾"                      | ¾"                      | ¾"                      | ¾"                      | ¾"                      | ¾" <sup>3</sup>         | ⅞" <sup>4</sup>         | ⅞" <sup>4</sup>         | ⅞" <sup>4</sup>         |
| Valve Type                              | Sweat                   | Sweat                   | Sweat                   | Sweat                   | Sweat                   | Sweat                   | Sweat                   | Sweat                   | Sweat                   |
| Refrigerant Charge                      | 75                      | 75                      | 77                      | 77                      | 66                      | 77                      | 95                      | 102                     | 167                     |
| <b>ELECTRICAL DATA</b>                  |                         |                         |                         |                         |                         |                         |                         |                         |                         |
| AC Volts/ Hz/ Phase                     | 208-230/ 60/ 1          |                         | 208-230/ 60/ 1          |                         | 208-230/ 60/ 1          |                         | 208-230/ 60/ 1          |                         |                         |
| Min. Circuit Ampacity <sup>1</sup>      | 8.7                     | 8.7                     | 10.7                    | 14.2                    | 17.6                    | 17.9                    | 25.5                    | 23.9                    | 32.3                    |
| Max. Overcurrent Device <sup>2</sup>    | 15                      | 15                      | 15                      | 25                      | 30                      | 30                      | 40                      | 40                      | 50                      |
| Min / Max Volts                         | 197/253                 | 197/253                 | 197/253                 | 197/253                 | 197/253                 | 197/253                 | 197/253                 | 197/253                 | 197/253                 |
| Electrical Conduit Size                 | ½" or ¾"                | ½" or ¾"                | ½" or ¾"                | ½" or ¾"                | ½" or ¾"                | ½" or ¾"                | ½" or ¾"                | ½" or ¾"                | ½" or ¾"                |
| <b>SHIP WEIGHT (LBS)</b>                | 142                     | 135                     | 142                     | 130                     | 136                     | 177                     | 185                     | 193                     | 242                     |

<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 ⅞" to 1⅞" adapters for suction line connections.

## **NOTES**

- Always check the S&R plate for electrical data on the unit being installed.
- Charge with refrigerant charge listed on S&R plate; 15' of ⅜" line included in this charge. System charge must be adjusted per Installation Instructions Final Charge Procedure.

# EXPANDED COOLING DATA — G5C130181\*\* / CA\*F1824\*6A\*

| IDB     |       | OUTDOOR AMBIENT TEMPERATURE          |      |      |    |      |      |      |    |      |      |      |    | 115°F |      |      |    |      |      |      |    |      |      |      |    |       |      |      |    |      |      |      |   |
|---------|-------|--------------------------------------|------|------|----|------|------|------|----|------|------|------|----|-------|------|------|----|------|------|------|----|------|------|------|----|-------|------|------|----|------|------|------|---|
|         |       | 65°F                                 |      |      |    |      |      | 75°F |    |      |      |      |    | 85°F  |      |      |    |      |      | 95°F |    |      |      |      |    | 105°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   |   |
| 529     | MBh   | 16.7                                 | 17.3 | 18.9 | -  | 16.3 | 16.9 | 18.5 | -  | 15.9 | 16.5 | 18.1 | -  | 15.5  | 16.1 | 17.6 | -  | 14.7 | 15.3 | 16.7 | -  | 13.7 | 14.2 | 15.5 | -  | 13.7  | 14.2 | 15.5 | -  | 13.7 | 14.2 | 15.5 | - |
|         | S/T   | 0.66                                 | 0.55 | 0.38 | -  | 0.68 | 0.57 | 0.39 | -  | 0.70 | 0.58 | 0.40 | -  | 0.72  | 0.60 | 0.42 | -  | 0.75 | 0.62 | 0.43 | -  | 0.75 | 0.63 | 0.44 | -  | 0.75  | 0.63 | 0.44 | -  | 0.75 | 0.63 | 0.44 | - |
|         | ΔT    | 19                                   | 16   | 12   | -  | 19   | 17   | 13   | -  | 19   | 17   | 13   | -  | 19    | 17   | 13   | -  | 19   | 17   | 13   | -  | 18   | 15   | 12   | -  | 18    | 15   | 12   | -  | 18   | 15   | 12   | - |
|         | kW    | 1.21                                 | 1.24 | 1.28 | -  | 1.31 | 1.33 | 1.38 | -  | 1.39 | 1.42 | 1.46 | -  | 1.46  | 1.49 | 1.54 | -  | 1.52 | 1.56 | 1.61 | -  | 1.57 | 1.61 | 1.66 | -  | 1.57  | 1.61 | 1.66 | -  | 1.57 | 1.61 | 1.66 | - |
|         | Amps  | 4.6                                  | 4.7  | 4.8  | -  | 4.9  | 5.0  | 5.2  | -  | 5.3  | 5.4  | 5.5  | -  | 5.6   | 5.7  | 5.9  | -  | 5.9  | 6.0  | 6.2  | -  | 6.2  | 6.3  | 6.5  | -  | 6.2   | 6.3  | 6.5  | -  | 6.2  | 6.3  | 6.5  | - |
|         | Hi PR | 131                                  | 141  | 149  | -  | 147  | 158  | 167  | -  | 167  | 180  | 190  | -  | 190   | 205  | 216  | -  | 214  | 231  | 243  | -  | 237  | 255  | 269  | -  | 237   | 255  | 269  | -  | 237  | 255  | 269  | - |
|         | Lo PR | 61                                   | 65   | 71   | -  | 64   | 68   | 75   | -  | 67   | 71   | 78   | -  | 70    | 75   | 81   | -  | 74   | 78   | 85   | -  | 76   | 81   | 88   | -  | 76    | 81   | 88   | -  | 76   | 81   | 88   | - |
|         | MBh   | 18.1                                 | 18.7 | 20.5 | -  | 17.7 | 18.3 | 20.0 | -  | 17.2 | 17.9 | 19.6 | -  | 16.8  | 17.4 | 19.1 | -  | 16.0 | 16.6 | 18.1 | -  | 14.8 | 15.3 | 16.8 | -  | 14.8  | 15.3 | 16.8 | -  | 14.8 | 15.3 | 16.8 | - |
| 605     | S/T   | 0.68                                 | 0.57 | 0.39 | -  | 0.70 | 0.59 | 0.41 | -  | 0.72 | 0.60 | 0.42 | -  | 0.75  | 0.62 | 0.43 | -  | 0.77 | 0.65 | 0.45 | -  | 0.78 | 0.65 | 0.45 | -  | 0.78  | 0.65 | 0.45 | -  | 0.78 | 0.65 | 0.45 | - |
|         | ΔT    | 19                                   | 16   | 12   | -  | 19   | 16   | 12   | -  | 19   | 16   | 12   | -  | 19    | 17   | 13   | -  | 19   | 16   | 12   | -  | 18   | 15   | 12   | -  | 18    | 15   | 12   | -  | 18   | 15   | 12   | - |
|         | kW    | 1.24                                 | 1.27 | 1.31 | -  | 1.34 | 1.37 | 1.41 | -  | 1.42 | 1.45 | 1.50 | -  | 1.50  | 1.53 | 1.58 | -  | 1.56 | 1.60 | 1.65 | -  | 1.62 | 1.65 | 1.71 | -  | 1.62  | 1.65 | 1.71 | -  | 1.62 | 1.65 | 1.71 | - |
|         | Amps  | 4.7                                  | 4.8  | 5.0  | -  | 5.0  | 5.1  | 5.3  | -  | 5.4  | 5.5  | 5.7  | -  | 5.7   | 5.8  | 6.0  | -  | 6.0  | 6.2  | 6.3  | -  | 6.3  | 6.5  | 6.7  | -  | 6.3   | 6.5  | 6.7  | -  | 6.3  | 6.5  | 6.7  | - |
|         | Hi PR | 135                                  | 145  | 153  | -  | 152  | 163  | 172  | -  | 172  | 185  | 196  | -  | 196   | 211  | 223  | -  | 221  | 238  | 251  | -  | 244  | 263  | 277  | -  | 244   | 263  | 277  | -  | 244  | 263  | 277  | - |
|         | Lo PR | 63                                   | 67   | 73   | -  | 66   | 70   | 77   | -  | 69   | 73   | 80   | -  | 72    | 77   | 84   | -  | 76   | 81   | 88   | -  | 78   | 83   | 91   | -  | 78    | 83   | 91   | -  | 78   | 83   | 91   | - |
|         | MBh   | 18.6                                 | 19.3 | 21.1 | -  | 18.2 | 18.8 | 20.7 | -  | 17.8 | 18.4 | 20.2 | -  | 17.3  | 18.0 | 19.7 | -  | 16.5 | 17.1 | 18.7 | -  | 15.2 | 15.8 | 17.3 | -  | 15.2  | 15.8 | 17.3 | -  | 15.2 | 15.8 | 17.3 | - |
|         | 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 | -  | 0.82 | 0.68 | 0.47 | - |
| 681     | ΔT    | 18                                   | 16   | 12   | -  | 18   | 16   | 12   | -  | 18   | 16   | 12   | -  | 18    | 16   | 12   | -  | 18   | 16   | 12   | -  | 17   | 15   | 11   | -  | 17    | 15   | 11   | -  | 17   | 15   | 11   | - |
|         | kW    | 1.25                                 | 1.28 | 1.32 | -  | 1.35 | 1.38 | 1.42 | -  | 1.43 | 1.47 | 1.51 | -  | 1.51  | 1.54 | 1.59 | -  | 1.57 | 1.61 | 1.66 | -  | 1.63 | 1.67 | 1.72 | -  | 1.63  | 1.67 | 1.72 | -  | 1.63 | 1.67 | 1.72 | - |
|         | Amps  | 4.8                                  | 4.9  | 5.0  | -  | 5.1  | 5.2  | 5.3  | -  | 5.4  | 5.6  | 5.7  | -  | 5.8   | 5.9  | 6.1  | -  | 6.1  | 6.2  | 6.4  | -  | 6.4  | 6.5  | 6.7  | -  | 6.4   | 6.5  | 6.7  | -  | 6.4  | 6.5  | 6.7  | - |
|         | Hi PR | 136                                  | 147  | 155  | -  | 153  | 165  | 174  | -  | 174  | 187  | 198  | -  | 198   | 213  | 225  | -  | 223  | 240  | 253  | -  | 246  | 265  | 280  | -  | 246   | 265  | 280  | -  | 246  | 265  | 280  | - |
|         | Lo PR | 63                                   | 67   | 74   | -  | 67   | 71   | 78   | -  | 70   | 74   | 81   | -  | 73    | 78   | 85   | -  | 77   | 81   | 89   | -  | 79   | 84   | 92   | -  | 79    | 84   | 92   | -  | 79   | 84   | 92   | - |

|       |      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75    | 529  | MBh   | 17.0 | 17.5 | 18.9 | 20.3 | 16.6 | 17.1 | 18.5 | 19.8 | 16.2 | 16.7 | 18.0 | 19.4 | 15.8 | 16.3 | 17.6 | 18.9 | 15.0 | 15.4 | 16.7 | 17.9 | 13.9 | 14.3 | 15.5 | 16.6 |
|       |      | S/T   | 0.75 | 0.67 | 0.50 | 0.32 | 0.77 | 0.69 | 0.52 | 0.34 | 0.79 | 0.71 | 0.54 | 0.35 | 0.82 | 0.73 | 0.55 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.86 | 0.77 | 0.58 | 0.37 |
|       |      | ΔT    | 22   | 20   | 17   | 11   | 22   | 20   | 17   | 12   | 22   | 20   | 17   | 12   | 22   | 21   | 17   | 12   | 22   | 20   | 17   | 12   | 21   | 19   | 16   | 11   |
|       |      | kW    | 1.22 | 1.25 | 1.29 | 1.33 | 1.32 | 1.35 | 1.39 | 1.43 | 1.40 | 1.43 | 1.48 | 1.53 | 1.47 | 1.51 | 1.55 | 1.61 | 1.53 | 1.57 | 1.62 | 1.68 | 1.59 | 1.62 | 1.68 | 1.73 |
|       |      | Amps  | 4.7  | 4.8  | 4.9  | 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  | 6.1  | 6.2  | 6.4  | 6.2  | 6.4  | 6.6  | 6.8  |
|       |      | HI PR | 132  | 142  | 150  | 157  | 148  | 160  | 169  | 176  | 169  | 182  | 192  | 200  | 192  | 207  | 219  | 228  | 216  | 233  | 246  | 256  | 239  | 257  | 272  | 283  |
|       |      | 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   | 18.4 | 18.9 | 20.5 | 22.0 | 18.0 | 18.5 | 20.0 | 21.5 | 17.5 | 18.0 | 19.5 | 21.0 | 17.1 | 17.6 | 19.1 | 20.5 | 16.2 | 16.7 | 18.1 | 19.4 | 15.0 | 15.5 | 16.8 | 18.0 |
|       |      | S/T   | 0.77 | 0.69 | 0.52 | 0.34 | 0.80 | 0.72 | 0.54 | 0.35 | 0.82 | 0.73 | 0.56 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.89 | 0.79 | 0.60 | 0.39 |
|       |      | ΔT    | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 17   | 11   | 22   | 20   | 17   | 11   | 22   | 20   | 16   | 11   | 20   | 19   | 15   | 11   |
|       |      | kW    | 1.25 | 1.28 | 1.32 | 1.36 | 1.35 | 1.38 | 1.42 | 1.47 | 1.44 | 1.47 | 1.51 | 1.56 | 1.51 | 1.54 | 1.59 | 1.65 | 1.57 | 1.61 | 1.66 | 1.72 | 1.63 | 1.67 | 1.72 | 1.78 |
|       |      | Amps  | 4.8  | 4.9  | 5.0  | 5.1  | 5.1  | 5.2  | 5.3  | 5.5  | 5.4  | 5.6  | 5.7  | 5.9  | 5.8  | 5.9  | 6.1  | 6.2  | 6.1  | 6.2  | 6.4  | 6.6  | 6.4  | 6.5  | 6.7  | 6.9  |
|       |      | HI PR | 136  | 147  | 155  | 162  | 153  | 165  | 174  | 181  | 174  | 187  | 198  | 206  | 198  | 213  | 225  | 235  | 223  | 240  | 253  | 264  | 246  | 265  | 280  | 292  |
|       |      | 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   |
|       |      | 681   | MBh  | 18.9 | 19.5 | 21.1 | 22.6 | 18.5 | 19.0 | 20.6 | 22.1 | 18.1 | 18.6 | 20.1 | 21.6 | 17.6 | 18.1 | 19.6 | 21.1 | 16.7 | 17.2 | 18.6 | 20.0 | 15.5 | 16.0 | 17.3 |
| 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   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 19   | 18   | 15   | 10   |      |
| kW    | 1.26 |       | 1.29 | 1.33 | 1.37 | 1.36 | 1.39 | 1.44 | 1.48 | 1.45 | 1.48 | 1.53 | 1.58 | 1.52 | 1.56 | 1.61 | 1.66 | 1.59 | 1.62 | 1.68 | 1.73 | 1.64 | 1.68 | 1.74 | 1.80 |      |
| Amps  | 4.8  |       | 4.9  | 5.0  | 5.2  | 5.1  | 5.2  | 5.4  | 5.5  | 5.5  | 5.6  | 5.8  | 5.9  | 5.8  | 5.9  | 6.1  | 6.3  | 6.1  | 6.3  | 6.4  | 6.7  | 6.4  | 6.6  | 6.8  | 7.0  |      |
| HI PR | 138  |       | 148  | 157  | 163  | 155  | 166  | 176  | 183  | 176  | 189  | 200  | 208  | 200  | 216  | 228  | 237  | 225  | 242  | 256  | 267  | 249  | 268  | 283  | 295  |      |
| 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   |      |

**EXPANDED COOLING DATA — GSC130181\*\* / CA\*F1824\*6A\* (CONT.)**

| IDB |  | AIRFLOW |  | OUTDOOR AMBIENT TEMPERATURE          |    |    |    |    |    |      |    |    |    |    |     |      |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----|--|---------|--|--------------------------------------|----|----|----|----|----|------|----|----|----|----|-----|------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|     |  |         |  | 65°F                                 |    |    |    |    |    | 75°F |    |    |    |    |     | 85°F |     |     |     |     |     | 95°F |     |     |     |     |     | 105°F |     |     |     |     |     | 115°F |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|     |  |         |  | ENTERING INDOOR WET BULB TEMPERATURE |    |    |    |    |    |      |    |    |    |    |     |      |     |     |     |     |     |      |     |     |     |     |     |       |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|     |  |         |  | 59                                   | 63 | 67 | 71 | 75 | 79 | 83   | 87 | 91 | 95 | 99 | 103 | 107  | 111 | 115 | 119 | 123 | 127 | 131  | 135 | 139 | 143 | 147 | 151 | 155   | 159 | 163 | 167 | 171 | 175 | 179   | 183 | 187 | 191 | 195 | 199 | 203 | 207 | 211 | 215 | 219 | 223 | 227 | 231 | 235 | 239 | 243 | 247 | 251 | 255 | 259 | 263 | 267 | 271 | 275 | 279 | 283 | 287 | 291 | 295 | 299 | 303 | 307 | 311 | 315 | 319 | 323 | 327 | 331 | 335 | 339 | 343 | 347 | 351 | 355 | 359 | 363 | 367 | 371 | 375 | 379 | 383 | 387 | 391 | 395 | 399 | 403 | 407 | 411 | 415 | 419 | 423 | 427 | 431 | 435 | 439 | 443 | 447 | 451 | 455 | 459 | 463 | 467 | 471 | 475 | 479 | 483 | 487 | 491 | 495 | 499 | 503 | 507 | 511 | 515 | 519 | 523 | 527 | 531 | 535 | 539 | 543 | 547 | 551 | 555 | 559 | 563 | 567 | 571 | 575 | 579 | 583 | 587 | 591 | 595 | 599 | 603 | 607 | 611 | 615 | 619 | 623 | 627 | 631 | 635 | 639 | 643 | 647 | 651 | 655 | 659 | 663 | 667 | 671 | 675 | 679 | 683 | 687 | 691 | 695 | 699 | 703 | 707 | 711 | 715 | 719 | 723 | 727 | 731 | 735 | 739 | 743 | 747 | 751 | 755 | 759 | 763 | 767 | 771 | 775 | 779 | 783 | 787 | 791 | 795 | 799 | 803 | 807 | 811 | 815 | 819 | 823 | 827 | 831 | 835 | 839 | 843 | 847 | 851 | 855 | 859 | 863 | 867 | 871 | 875 | 879 | 883 | 887 | 891 | 895 | 899 | 903 | 907 | 911 | 915 | 919 | 923 | 927 | 931 | 935 | 939 | 943 | 947 | 951 | 955 | 959 | 963 | 967 | 971 | 975 | 979 | 983 | 987 | 991 | 995 | 999 | 1003 | 1007 | 1011 | 1015 | 1019 | 1023 | 1027 | 1031 | 1035 | 1039 | 1043 | 1047 | 1051 | 1055 | 1059 | 1063 | 1067 | 1071 | 1075 | 1079 | 1083 | 1087 | 1091 | 1095 | 1099 | 1103 | 1107 | 1111 | 1115 | 1119 | 1123 | 1127 | 1131 | 1135 | 1139 | 1143 | 1147 | 1151 | 1155 | 1159 | 1163 | 1167 | 1171 | 1175 | 1179 | 1183 | 1187 | 1191 | 1195 | 1199 | 1203 | 1207 | 1211 | 1215 | 1219 | 1223 | 1227 | 1231 | 1235 | 1239 | 1243 | 1247 | 1251 | 1255 | 1259 | 1263 | 1267 | 1271 | 1275 | 1279 | 1283 | 1287 | 1291 | 1295 | 1299 | 1303 | 1307 | 1311 | 1315 | 1319 | 1323 | 1327 | 1331 | 1335 | 1339 | 1343 | 1347 | 1351 | 1355 | 1359 | 1363 | 1367 | 1371 | 1375 | 1379 | 1383 | 1387 | 1391 | 1395 | 1399 | 1403 | 1407 | 1411 | 1415 | 1419 | 1423 | 1427 | 1431 | 1435 | 1439 | 1443 | 1447 | 1451 | 1455 | 1459 | 1463 | 1467 | 1471 | 1475 | 1479 | 1483 | 1487 | 1491 | 1495 | 1499 | 1503 | 1507 | 1511 | 1515 | 1519 | 1523 | 1527 | 1531 | 1535 | 1539 | 1543 | 1547 | 1551 | 1555 | 1559 | 1563 | 1567 | 1571 | 1575 | 1579 | 1583 | 1587 | 1591 | 1595 | 1599 | 1603 | 1607 | 1611 | 1615 | 1619 | 1623 | 1627 | 1631 | 1635 | 1639 | 1643 | 1647 | 1651 | 1655 | 1659 | 1663 | 1667 | 1671 | 1675 | 1679 | 1683 | 1687 | 1691 | 1695 | 1699 | 1703 | 1707 | 1711 | 1715 | 1719 | 1723 | 1727 | 1731 | 1735 | 1739 | 1743 | 1747 | 1751 | 1755 | 1759 | 1763 | 1767 | 1771 | 1775 | 1779 | 1783 | 1787 | 1791 | 1795 | 1799 | 1803 | 1807 | 1811 | 1815 | 1819 | 1823 | 1827 | 1831 | 1835 | 1839 | 1843 | 1847 | 1851 | 1855 | 1859 | 1863 | 1867 | 1871 | 1875 | 1879 | 1883 | 1887 | 1891 | 1895 | 1899 | 1903 |

|     |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85  | 529   | MBh   | 17.6 | 17.9 | 18.8 | 20.0 | 17.2 | 17.5 | 18.3 | 19.5 | 16.8 | 17.1 | 17.9 | 19.1 | 16.3 | 16.7 | 17.4 | 18.6 | 15.5 | 15.8 | 16.6 | 17.7 | 14.4 | 14.7 | 15.4 | 16.4 |
|     |       | S/T   | 0.86 | 0.83 | 0.75 | 0.61 | 0.89 | 0.86 | 0.77 | 0.63 | 0.91 | 0.88 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.66 | 0.98 | 0.94 | 0.85 | 0.69 | 0.98 | 0.95 | 0.86 | 0.70 |
|     |       | ΔT    | 26   | 26   | 24   | 21   | 26   | 26   | 25   | 21   | 27   | 26   | 25   | 21   | 27   | 26   | 25   | 21   | 26   | 26   | 24   | 21   | 25   | 24   | 23   | 20   |
|     |       | KW    | 1.24 | 1.27 | 1.31 | 1.35 | 1.34 | 1.37 | 1.41 | 1.46 | 1.42 | 1.45 | 1.50 | 1.55 | 1.50 | 1.53 | 1.58 | 1.63 | 1.56 | 1.60 | 1.65 | 1.70 | 1.62 | 1.65 | 1.71 | 1.76 |
|     |       | Amps  | 4.7  | 4.8  | 5.0  | 5.1  | 5.0  | 5.1  | 5.3  | 5.5  | 5.4  | 5.5  | 5.7  | 5.9  | 5.7  | 5.8  | 6.0  | 6.2  | 6.0  | 6.2  | 6.3  | 6.5  | 6.3  | 6.5  | 6.7  | 6.9  |
|     |       | HI PR | 135  | 145  | 153  | 160  | 151  | 163  | 172  | 180  | 172  | 185  | 196  | 204  | 196  | 211  | 223  | 233  | 221  | 238  | 251  | 262  | 244  | 262  | 277  | 289  |
|     | 605   | 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   | 19.0 | 19.4 | 20.3 | 21.7 | 18.6 | 19.0 | 19.9 | 21.2 | 18.2 | 18.5 | 19.4 | 20.7 | 17.7 | 18.1 | 18.9 | 20.2 | 16.8 | 17.1 | 18.0 | 19.2 | 15.6 | 15.9 | 16.6 | 17.7 |
|     |       | S/T   | 0.89 | 0.86 | 0.77 | 0.63 | 0.92 | 0.89 | 0.80 | 0.65 | 0.94 | 0.91 | 0.82 | 0.67 | 0.98 | 0.94 | 0.85 | 0.69 | 1.00 | 0.98 | 0.88 | 0.72 | 1.00 | 0.98 | 0.89 | 0.72 |
|     |       | ΔT    | 26   | 25   | 24   | 21   | 26   | 26   | 24   | 21   | 26   | 26   | 24   | 21   | 26   | 26   | 24   | 21   | 26   | 25   | 24   | 21   | 24   | 24   | 22   | 19   |
|     |       | KW    | 1.27 | 1.30 | 1.34 | 1.39 | 1.37 | 1.40 | 1.45 | 1.49 | 1.46 | 1.49 | 1.54 | 1.59 | 1.54 | 1.57 | 1.62 | 1.68 | 1.60 | 1.64 | 1.69 | 1.75 | 1.66 | 1.69 | 1.75 | 1.81 |
|     |       | Amps  | 4.8  | 4.9  | 5.1  | 5.2  | 5.2  | 5.3  | 5.4  | 5.6  | 5.5  | 5.6  | 5.8  | 6.0  | 5.9  | 6.0  | 6.1  | 6.3  | 6.2  | 6.3  | 6.5  | 6.7  | 6.5  | 6.6  | 6.8  | 7.1  |
| 681 | HI PR | 139   | 150  | 158  | 165  | 156  | 168  | 177  | 185  | 178  | 191  | 202  | 211  | 202  | 218  | 230  | 240  | 228  | 245  | 259  | 270  | 251  | 271  | 286  | 298  |      |
|     | LO PR | 65    | 69   | 75   | 80   | 68   | 73   | 79   | 84   | 71   | 75   | 82   | 88   | 75   | 79   | 87   | 92   | 78   | 83   | 91   | 97   | 81   | 86   | 94   | 100  |      |
|     | MBh   | 19.6  | 20.0 | 20.9 | 22.3 | 19.2 | 19.5 | 20.4 | 21.8 | 18.7 | 19.1 | 20.0 | 21.3 | 18.2 | 18.6 | 19.5 | 20.8 | 17.3 | 17.7 | 18.5 | 19.7 | 16.1 | 16.4 | 17.1 | 18.3 |      |
|     | 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    | 1.28  | 1.31 | 1.35 | 1.40 | 1.38 | 1.41 | 1.46 | 1.51 | 1.47 | 1.50 | 1.55 | 1.60 | 1.55 | 1.58 | 1.64 | 1.69 | 1.61 | 1.65 | 1.71 | 1.76 | 1.67 | 1.71 | 1.77 | 1.83 |      |

DB: Entering Indoor Dry Bulb Temperature

DB: Entering Indoor Dry Bulb Temperature

Shaded area reflects Test A rating conditions per AHRI 210/240

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

# EXPANDED COOLING DATA — G5C130241\*\* / CA\*F1824\*6A\*

|       |         | 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   |   |  |       |  |  |  |  |  |
| 70    | 700     | MBh                                  | 20.0 | 20.8 | 22.7 | -  | 19.6 | 20.3 | 22.2 | -  | 19.1 | 19.8 | 21.7 | -    | 18.6 | 19.3 | 21.1 | -  | 17.7 | 18.3  | 20.1 | -  | 16.4 | 17.0 | 18.6 | -     | 16.4 | 17.0 | 18.6 | - |  |       |  |  |  |  |  |
|       |         | S/T                                  | 0.67 | 0.56 | 0.39 | -  | 0.70 | 0.58 | 0.40 | -  | 0.71 | 0.60 | 0.41 | -    | 0.74 | 0.62 | 0.43 | -  | 0.76 | 0.64  | 0.44 | -  | 0.77 | 0.64 | 0.45 | -     | 0.77 | 0.64 | 0.45 | - |  |       |  |  |  |  |  |
|       |         | ΔT                                   | 18   | 15   | 12   | -  | 18   | 15   | 12   | -  | 18   | 15   | 12   | -    | 18   | 16   | 12   | -  | 18   | 15    | 12   | -  | 17   | 14   | 11   | -     | 17   | 14   | 11   | - |  |       |  |  |  |  |  |
|       |         | kW                                   | 1.52 | 1.54 | 1.59 | -  | 1.62 | 1.65 | 1.70 | -  | 1.71 | 1.75 | 1.80 | -    | 1.79 | 1.83 | 1.89 | -  | 1.86 | 1.90  | 1.96 | -  | 1.92 | 1.96 | 2.02 | -     | 1.92 | 1.96 | 2.02 | - |  |       |  |  |  |  |  |
|       |         | Amps                                 | 5.5  | 5.6  | 5.7  | -  | 5.8  | 6.0  | 6.1  | -  | 6.3  | 6.4  | 6.6  | -    | 6.7  | 6.8  | 7.0  | -  | 7.0  | 7.2   | 7.4  | -  | 7.4  | 7.6  | 7.8  | -     | 7.4  | 7.6  | 7.8  | - |  |       |  |  |  |  |  |
|       | 800     | HI PR                                | 139  | 150  | 158  | -  | 156  | 168  | 177  | -  | 177  | 191  | 202  | -    | 202  | 217  | 230  | -  | 227  | 245   | 258  | -  | 251  | 270  | 285  | -     | 251  | 270  | 285  | - |  |       |  |  |  |  |  |
|       |         | LO PR                                | 59   | 63   | 69   | -  | 62   | 66   | 73   | -  | 65   | 69   | 75   | -    | 68   | 73   | 79   | -  | 71   | 76    | 83   | -  | 74   | 79   | 86   | -     | 74   | 79   | 86   | - |  |       |  |  |  |  |  |
|       |         | MBh                                  | 21.7 | 22.5 | 24.6 | -  | 21.2 | 22.0 | 24.1 | -  | 20.7 | 21.4 | 23.5 | -    | 20.2 | 20.9 | 22.9 | -  | 19.2 | 19.9  | 21.8 | -  | 17.8 | 18.4 | 20.2 | -     | 17.8 | 18.4 | 20.2 | - |  |       |  |  |  |  |  |
|       |         | S/T                                  | 0.70 | 0.58 | 0.40 | -  | 0.72 | 0.60 | 0.42 | -  | 0.74 | 0.62 | 0.43 | -    | 0.76 | 0.64 | 0.44 | -  | 0.79 | 0.66  | 0.46 | -  | 0.80 | 0.67 | 0.46 | -     | 0.80 | 0.67 | 0.46 | - |  |       |  |  |  |  |  |
|       |         | ΔT                                   | 17   | 15   | 11   | -  | 18   | 15   | 12   | -  | 18   | 15   | 12   | -    | 18   | 15   | 12   | -  | 17   | 15    | 11   | -  | 16   | 14   | 11   | -     | 16   | 14   | 11   | - |  |       |  |  |  |  |  |
| 900   | 800     | kW                                   | 1.55 | 1.58 | 1.62 | -  | 1.66 | 1.69 | 1.74 | -  | 1.75 | 1.79 | 1.84 | -    | 1.84 | 1.87 | 1.93 | -  | 1.91 | 1.95  | 2.01 | -  | 1.97 | 2.01 | 2.07 | -     | 1.97 | 2.01 | 2.07 | - |  |       |  |  |  |  |  |
|       |         | Amps                                 | 5.6  | 5.7  | 5.9  | -  | 6.0  | 6.1  | 6.3  | -  | 6.4  | 6.6  | 6.8  | -    | 6.8  | 7.0  | 7.2  | -  | 7.2  | 7.4   | 7.6  | -  | 7.6  | 7.8  | 8.0  | -     | 7.6  | 7.8  | 8.0  | - |  |       |  |  |  |  |  |
|       |         | HI PR                                | 143  | 154  | 163  | -  | 161  | 173  | 183  | -  | 183  | 197  | 208  | -    | 208  | 224  | 237  | -  | 234  | 252   | 266  | -  | 259  | 279  | 294  | -     | 259  | 279  | 294  | - |  |       |  |  |  |  |  |
|       |         | LO PR                                | 61   | 65   | 71   | -  | 64   | 68   | 75   | -  | 67   | 71   | 78   | -    | 70   | 75   | 82   | -  | 74   | 78    | 86   | -  | 76   | 81   | 88   | -     | 76   | 81   | 88   | - |  |       |  |  |  |  |  |
|       |         | MBh                                  | 22.3 | 23.2 | 25.4 | -  | 21.8 | 22.6 | 24.8 | -  | 21.3 | 22.1 | 24.2 | -    | 20.8 | 21.5 | 23.6 | -  | 19.7 | 20.5  | 22.4 | -  | 18.3 | 19.0 | 20.8 | -     | 18.3 | 19.0 | 20.8 | - |  |       |  |  |  |  |  |
|       | 900     | 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 | 0.69  | 0.48 | -  | 0.84 | 0.70 | 0.49 | -     | 0.84 | 0.70 | 0.49 | - |  |       |  |  |  |  |  |
|       |         | ΔT                                   | 17   | 14   | 11   | -  | 17   | 15   | 11   | -  | 17   | 15   | 11   | -    | 17   | 15   | 11   | -  | 17   | 15    | 11   | -  | 16   | 14   | 10   | -     | 16   | 14   | 10   | - |  |       |  |  |  |  |  |
|       |         | kW                                   | 1.56 | 1.59 | 1.64 | -  | 1.67 | 1.70 | 1.75 | -  | 1.77 | 1.80 | 1.86 | -    | 1.85 | 1.89 | 1.95 | -  | 1.92 | 1.96  | 2.02 | -  | 1.99 | 2.03 | 2.09 | -     | 1.99 | 2.03 | 2.09 | - |  |       |  |  |  |  |  |
|       |         | Amps                                 | 5.6  | 5.8  | 5.9  | -  | 6.0  | 6.2  | 6.3  | -  | 6.5  | 6.6  | 6.8  | -    | 6.9  | 7.0  | 7.2  | -  | 7.3  | 7.4   | 7.7  | -  | 7.7  | 7.8  | 8.1  | -     | 7.7  | 7.8  | 8.1  | - |  |       |  |  |  |  |  |
|       |         | HI PR                                | 145  | 156  | 164  | -  | 162  | 175  | 185  | -  | 185  | 199  | 210  | -    | 210  | 226  | 239  | -  | 237  | 255   | 269  | -  | 261  | 281  | 297  | -     | 261  | 281  | 297  | - |  |       |  |  |  |  |  |
| LO PR | 62      | 65                                   | 71   | -    | 65   | 69 | 76   | -    | 68   | 72 | 78   | -    | 71   | 76   | 82   | -    | 74   | 79 | 86   | -     | 77   | 82 | 89   | -    | 77   | 82    | 89   | -    |      |   |  |       |  |  |  |  |  |

# EXPANDED COOLING DATA — G5C130241\*\* / CA\*F1824\*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   | 59    | 63   | 67   | 71   |      |      |       |      |      |  |  |  |
| 80    | MBh     | 20.7                        | 21.2 | 22.6 | 24.2 | 20.2 | 20.7 | 22.1 | 23.6 | 19.8 | 20.2 | 21.6 | 23.1 | 19.3 | 19.7 | 21.0 | 22.5 | 18.3 | 18.7 | 20.0 | 21.4 | 17.0 | 17.3 | 18.5 | 19.8 | 15.0  | 15.3 | 16.5 | 17.9 | 14.0 | 14.3 |       |      |      |  |  |  |
|       | S/T     | 0.84                        | 0.79 | 0.64 | 0.48 | 0.87 | 0.81 | 0.66 | 0.50 | 0.89 | 0.83 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.73 | 0.54 | 0.96 | 0.90 | 0.73 | 0.55 | 0.98  | 0.92 | 0.75 | 0.56 | 0.99 | 0.93 |       |      |      |  |  |  |
|       | ΔT      | 23                          | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 21   | 21   | 18   | 14   | 18    | 17   | 14   | 11   | 11   | 9    |       |      |      |  |  |  |
|       | kW      | 1.54                        | 1.57 | 1.61 | 1.66 | 1.64 | 1.68 | 1.73 | 1.78 | 1.74 | 1.77 | 1.83 | 1.88 | 1.82 | 1.86 | 1.92 | 1.98 | 1.89 | 1.93 | 1.99 | 2.05 | 1.95 | 2.00 | 2.06 | 2.12 | 2.02  | 2.06 | 2.12 | 2.18 | 2.24 | 2.30 |       |      |      |  |  |  |
|       | Amps    | 5.6                         | 5.7  | 5.8  | 6.0  | 5.9  | 6.1  | 6.2  | 6.4  | 6.4  | 6.5  | 6.7  | 6.9  | 6.8  | 6.9  | 7.1  | 7.4  | 7.2  | 7.3  | 7.5  | 7.8  | 7.5  | 7.7  | 7.9  | 8.2  | 7.9   | 8.1  | 8.4  | 8.7  | 9.0  | 9.3  |       |      |      |  |  |  |
|       | HI PR   | 142                         | 153  | 161  | 168  | 159  | 171  | 181  | 189  | 181  | 195  | 206  | 215  | 206  | 222  | 234  | 244  | 234  | 250  | 264  | 275  | 256  | 276  | 291  | 304  | 284   | 300  | 313  | 326  | 339  | 352  | 365   |      |      |  |  |  |
|       | 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   | 78    | 83   | 90   | 96   | 103  | 110  | 117   |      |      |  |  |  |
|       | MBh     | 22.5                        | 22.9 | 24.5 | 26.2 | 21.9 | 22.4 | 23.9 | 25.6 | 21.4 | 21.9 | 23.4 | 25.0 | 20.9 | 21.3 | 22.8 | 24.4 | 19.8 | 20.3 | 21.7 | 23.2 | 18.4 | 18.8 | 20.1 | 21.4 | 15.0  | 15.3 | 16.5 | 17.9 | 14.0 | 14.3 | 15.5  | 16.9 |      |  |  |  |
|       | S/T     | 0.87                        | 0.81 | 0.66 | 0.50 | 0.90 | 0.84 | 0.69 | 0.51 | 0.92 | 0.87 | 0.70 | 0.53 | 0.95 | 0.89 | 0.73 | 0.54 | 0.99 | 0.93 | 0.76 | 0.56 | 1.00 | 0.93 | 0.76 | 0.57 | 1.00  | 0.93 | 0.76 | 0.57 | 1.00 | 0.93 | 0.76  | 0.57 |      |  |  |  |
|       | ΔT      | 22                          | 21   | 19   | 15   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 21   | 21   | 18   | 14   | 18    | 17   | 14   | 11   | 11   | 9    | 9     | 17   | 16   |  |  |  |
|       | kW      | 1.57                        | 1.60 | 1.65 | 1.70 | 1.68 | 1.72 | 1.77 | 1.82 | 1.78 | 1.82 | 1.87 | 1.93 | 1.87 | 1.90 | 1.96 | 2.02 | 1.94 | 1.98 | 2.04 | 2.10 | 2.00 | 2.04 | 2.11 | 2.17 | 2.02  | 2.06 | 2.12 | 2.18 | 2.24 | 2.30 | 2.36  | 2.42 | 2.48 |  |  |  |
| Amps  | 5.7     | 5.8                         | 6.0  | 6.2  | 6.1  | 6.2  | 6.4  | 6.6  | 6.5  | 6.7  | 6.9  | 7.1  | 6.9  | 7.1  | 7.3  | 7.5  | 7.3  | 7.5  | 7.7  | 8.0  | 7.7  | 7.9  | 8.1  | 8.4  | 8.1  | 8.3   | 8.6  | 8.9  | 9.2  | 9.5  | 9.8  | 10.1  |      |      |  |  |  |
| HI PR | 146     | 157                         | 166  | 173  | 164  | 177  | 186  | 194  | 187  | 201  | 212  | 221  | 213  | 229  | 242  | 252  | 239  | 257  | 272  | 283  | 264  | 284  | 300  | 313  | 284  | 300   | 313  | 326  | 339  | 352  | 365  | 378   | 391  |      |  |  |  |
| 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   | 103  | 110  | 117  | 124   | 131  |      |  |  |  |
| 900   | MBh     | 23.1                        | 23.6 | 25.2 | 27.0 | 22.6 | 23.1 | 24.7 | 26.4 | 22.0 | 22.5 | 24.1 | 25.7 | 21.5 | 22.0 | 23.5 | 25.1 | 20.4 | 20.9 | 22.3 | 23.8 | 18.9 | 19.3 | 20.7 | 22.1 | 15.0  | 15.3 | 16.5 | 17.9 | 14.0 | 14.3 | 15.5  | 16.9 |      |  |  |  |
|       | S/T     | 0.91                        | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 1.00 | 0.79 | 0.59 | 1.00 | 1.00 | 0.80 | 0.60 | 1.00  | 1.00 | 0.80 | 0.60 | 1.00 | 1.00 | 0.80  | 0.60 |      |  |  |  |
|       | ΔT      | 22                          | 21   | 18   | 14   | 22   | 21   | 18   | 14   | 22   | 21   | 18   | 15   | 22   | 21   | 18   | 15   | 21   | 21   | 18   | 14   | 19   | 20   | 17   | 13   | 19    | 18   | 15   | 12   | 12   | 10   | 10    | 18   |      |  |  |  |
|       | kW      | 1.58                        | 1.61 | 1.66 | 1.71 | 1.69 | 1.73 | 1.78 | 1.83 | 1.79 | 1.83 | 1.88 | 1.94 | 1.88 | 1.92 | 1.98 | 2.04 | 1.95 | 1.99 | 2.06 | 2.12 | 2.02 | 2.06 | 2.12 | 2.19 | 2.02  | 2.06 | 2.12 | 2.18 | 2.24 | 2.30 | 2.36  | 2.42 |      |  |  |  |
|       | Amps    | 5.7                         | 5.8  | 6.0  | 6.2  | 6.1  | 6.3  | 6.4  | 6.7  | 6.6  | 6.7  | 6.9  | 7.2  | 7.0  | 7.1  | 7.4  | 7.6  | 7.4  | 7.6  | 7.8  | 8.1  | 7.8  | 8.0  | 8.2  | 8.5  | 8.1   | 8.3  | 8.6  | 8.9  | 9.2  | 9.5  | 9.8   | 10.1 |      |  |  |  |
|       | 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  | 267   | 287  | 303  | 316  | 329  | 342  | 355   | 368  |      |  |  |  |
|       | 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   | 104  | 111  | 118   | 125  |      |  |  |  |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 700   | MBh   | 21.1 | 21.5 | 22.5 | 24.0 | 20.6 | 21.0 | 22.0 | 23.5 | 20.1 | 20.5 | 21.5 | 22.9 | 19.6 | 20.0 | 20.9 | 22.3 | 18.6 | 19.0 | 19.9 | 21.2 | 17.3 | 17.6 | 18.4 | 19.7 |      |
|       | S/T   | 0.88 | 0.85 | 0.76 | 0.62 | 0.91 | 0.88 | 0.79 | 0.64 | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 0.97 | 0.88 | 0.71 |      |
|       | ΔT    | 24   | 24   | 23   | 20   | 25   | 24   | 23   | 20   | 25   | 24   | 23   | 20   | 25   | 24   | 23   | 20   | 24   | 24   | 23   | 20   | 23   | 22   | 21   | 18   |      |
|       | kW    | 1.55 | 1.58 | 1.62 | 1.67 | 1.66 | 1.69 | 1.74 | 1.79 | 1.75 | 1.79 | 1.84 | 1.90 | 1.84 | 1.87 | 1.93 | 1.99 | 1.91 | 1.95 | 2.01 | 2.07 | 1.97 | 2.01 | 2.07 | 2.14 |      |
|       | Amps  | 5.6  | 5.7  | 5.9  | 6.1  | 6.0  | 6.1  | 6.3  | 6.5  | 6.4  | 6.6  | 6.8  | 7.0  | 6.8  | 7.0  | 7.2  | 7.4  | 7.2  | 7.4  | 7.6  | 7.9  | 7.6  | 7.8  | 8.0  | 8.3  |      |
|       | HI PR | 143  | 154  | 163  | 170  | 161  | 173  | 183  | 191  | 183  | 197  | 208  | 217  | 208  | 224  | 237  | 247  | 234  | 252  | 266  | 278  | 259  | 279  | 294  | 307  |      |
|       | 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   | 22.8 | 23.3 | 24.4 | 26.0 | 22.3 | 22.7 | 23.8 | 25.4 | 21.8 | 22.2 | 23.3 | 24.8 | 21.2 | 21.7 | 22.7 | 24.2 | 20.2 | 20.6 | 21.6 | 23.0 | 18.7 | 19.1 | 20.0 | 21.3 |      |
|       | S/T   | 0.91 | 0.88 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.67 | 0.97 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.91 | 0.74 |      |
|       | ΔT    | 24   | 24   | 22   | 19   | 24   | 24   | 22   | 19   | 24   | 24   | 23   | 19   | 24   | 24   | 23   | 20   | 23   | 24   | 22   | 19   | 21   | 22   | 21   | 18   |      |
|       | kW    | 1.58 | 1.61 | 1.66 | 1.71 | 1.69 | 1.73 | 1.78 | 1.83 | 1.79 | 1.83 | 1.88 | 1.94 | 1.88 | 1.92 | 1.98 | 2.04 | 1.95 | 1.99 | 2.06 | 2.12 | 2.02 | 2.06 | 2.12 | 2.19 |      |
|       | 800   | Amps | 5.7  | 5.8  | 6.0  | 6.2  | 6.1  | 6.3  | 6.4  | 6.7  | 6.6  | 6.7  | 6.9  | 7.2  | 7.0  | 7.1  | 7.4  | 7.6  | 7.4  | 7.6  | 7.8  | 8.1  | 7.8  | 8.0  | 8.2  | 8.5  |
| 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 |       | 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   |       | 23.5 | 24.0 | 25.1 | 26.8 | 23.0 | 23.4 | 24.5 | 26.2 | 22.4 | 22.9 | 24.0 | 25.6 | 21.9 | 22.3 | 23.4 | 24.9 | 20.8 | 21.2 | 22.2 | 23.7 | 19.3 | 19.6 | 20.6 | 21.9 |      |
| S/T   |       | 0.95 | 0.92 | 0.83 | 0.67 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.88 | 0.72 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.95 | 0.77 |      |
| ΔT    |       | 23   | 23   | 21   | 18   | 23   | 23   | 22   | 19   | 23   | 23   | 22   | 19   | 22   | 23   | 22   | 19   | 21   | 22   | 21   | 19   | 20   | 20   | 20   | 17   |      |
| kW    |       | 1.59 | 1.63 | 1.67 | 1.72 | 1.71 | 1.74 | 1.79 | 1.85 | 1.81 | 1.84 | 1.90 | 1.96 | 1.89 | 1.93 | 1.99 | 2.06 | 1.97 | 2.01 | 2.07 | 2.14 | 2.03 | 2.08 | 2.14 | 2.21 |      |
| Amps  |       | 5.8  | 5.9  | 6.1  | 6.3  | 6.2  | 6.3  | 6.5  | 6.7  | 6.6  | 6.8  | 7.0  | 7.2  | 7.1  | 7.2  | 7.4  | 7.7  | 7.5  | 7.6  | 7.9  | 8.1  | 7.9  | 8.0  | 8.3  | 8.6  |      |
| 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 |       | 63   | 67   | 74   | 78   | 67   | 71   | 78   | 83   | 70   | 74   | 81   | 86   | 73   | 78   | 85   | 90   | 77   | 82   | 89   | 95   | 79   | 84   | 92   | 98   |      |
| 900   |       | MBh  | 24.1 | 24.6 | 25.6 | 27.3 | 23.6 | 24.0 | 25.1 | 26.8 | 23.1 | 23.6 | 24.7 | 26.4 | 22.4 | 22.8 | 23.9 | 25.6 | 21.5 | 21.9 | 22.9 | 24.2 | 19.6 | 20.0 | 21.1 | 22.4 |
|       |       | S/T  | 0.97 | 0.94 | 0.85 | 0.69 | 1.00 | 0.96 | 0.87 | 0.71 | 1.01 | 0.99 | 0.89 | 0.73 | 1.01 | 1.01 | 0.92 | 0.75 | 1.01 | 1.01 | 0.96 | 0.78 | 1.01 | 1.01 | 0.92 | 0.75 |
|       | ΔT    | 23   | 23   | 21   | 18   | 23   | 23   | 22   | 19   | 23   | 23   | 22   | 19   | 22   | 23   | 22   | 19   | 21   | 22   | 21   | 19   | 20   | 20   | 20   | 17   |      |
|       | kW    | 1.60 | 1.64 | 1.68 | 1.73 | 1.72 | 1.75 | 1.80 | 1.86 | 1.82 | 1.85 | 1.91 | 1.97 | 1.90 | 1.94 | 2.00 | 2.07 | 1.98 | 2.02 | 2.08 | 2.15 | 2.04 | 2.09 | 2.15 | 2.22 |      |
|       | Amps  | 5.9  | 6.0  | 6.2  | 6.4  | 6.3  | 6.4  | 6.6  | 6.8  | 6.7  | 6.9  | 7.1  | 7.3  | 7.2  | 7.3  | 7.5  | 7.8  | 7.6  | 7.7  | 8.0  | 8.2  | 8.0  | 8.2  | 8.4  | 8.7  |      |
|       | HI PR | 150  | 162  | 170  | 178  | 168  | 181  | 191  | 199  | 191  | 206  | 217  | 227  | 218  | 234  | 247  | 259  | 246  | 264  | 279  | 291  | 271  | 292  | 308  | 321  |      |
|       | LO PR | 64   | 68   | 75   | 79   | 68   | 72   | 79   | 84   | 71   | 75   | 82   | 87   | 74   | 79   | 86   | 91   | 78   | 83   | 90   | 96   | 80   | 85   | 92   | 99   |      |
|       | MBh   | 24.8 | 25.3 | 26.4 | 28.1 | 24.1 | 24.5 | 25.6 | 27.3 | 23.8 | 24.3 | 25.4 | 27.1 | 23.1 | 23.5 | 24.6 | 26.3 | 22.1 | 22.5 | 23.6 | 24.9 | 20.1 | 20.5 | 21.6 | 22.9 |      |
|       | S/T   | 0.98 | 0.95 | 0.86 | 0.70 | 1.01 | 0.97 | 0.88 | 0.72 | 1.02 | 1.00 | 0.90 | 0.74 | 1.02 | 1.02 | 0.93 | 0.76 | 1.02 | 1.02 | 0.97 | 0.79 | 1.02 | 1.02 | 0.93 | 0.76 |      |
|       | ΔT    | 23   | 23   | 21   | 18   | 23   | 23   | 22   | 19   | 23   | 23   | 22   | 19   | 22   | 23   | 22   | 19   | 21   | 22   | 21   | 19   | 20   | 20   | 20   | 17   |      |
|       | kW    | 1.61 | 1.65 | 1.69 | 1.74 | 1.73 | 1.76 | 1.81 | 1.87 | 1.92 | 1.88 | 1.94 | 2.00 | 1.91 | 1.95 | 2.01 | 2.08 | 1.99 | 2.03 | 2.09 | 2.16 | 2.05 | 2.10 | 2.16 | 2.23 |      |
|       | Amps  | 6.0  | 6.1  | 6.3  | 6.5  | 6.4  | 6.5  | 6.7  | 6.9  | 6.8  | 7.0  | 7.2  | 7.4  | 7.6  | 7.5  | 7.6  | 7.9  | 7.7  | 7.8  | 8.1  | 8.3  | 8.1  | 8.3  | 8.6  | 8.9  |      |
| HI PR | 151   | 163  | 171  | 179  | 169  | 182  | 192  | 200  | 192  | 207  | 218  | 228  | 219  | 235  | 248  | 260  | 247  | 265  | 280  | 292  | 272  | 293  | 309  | 322  |      |      |
| LO PR | 64    | 68   | 74   | 78   | 67   | 71   | 78   | 83   | 70   | 74   | 81   | 86   | 73   | 78   | 85   | 90   | 77   | 82   | 89   | 95   | 79   | 84   | 92   | 98   |      |      |

# EXPANDED COOLING DATA — G5C130301E\* / CA\*F3030\*6B\*

| IDB     |       | OUTDOOR AMBIENT TEMPERATURE          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |   |  |  |  |
|---------|-------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|---|--|--|--|
|         |       | 65°F                                 |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F |      |      |      | 105°F |      |      |      | 115°F |      |      |      |   |  |  |  |
|         |       | 59                                   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |   |  |  |  |
| AIRFLOW |       | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |   |  |  |  |
| 70      | 831   | MBh                                  | 25.1 | 26.0 | 28.5 | -    | 24.5 | 25.4 | 27.9 | -    | 23.9 | 24.8 | 27.2 | -    | 23.4 | 24.2 | 26.5 | -     | 22.2 | 23.0 | 25.2 | -     | 20.6 | 21.3 | 23.3 | - |  |  |  |
|         |       | 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 | 0.64 | 0.44 | -     | 0.77 | 0.64 | 0.44 | - |  |  |  |
|         |       | ΔT                                   | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -     | 19   | 16   | 12   | -     | 17   | 15   | 11   | - |  |  |  |
|         |       | kW                                   | 1.90 | 1.94 | 1.99 | -    | 2.04 | 2.08 | 2.14 | -    | 2.16 | 2.20 | 2.27 | -    | 2.27 | 2.31 | 2.39 | -     | 2.36 | 2.41 | 2.48 | -     | 2.44 | 2.49 | 2.57 | - |  |  |  |
|         |       | Amps                                 | 7.0  | 7.1  | 7.4  | -    | 7.5  | 7.7  | 7.9  | -    | 8.1  | 8.3  | 8.5  | -    | 8.6  | 8.8  | 9.1  | -     | 9.1  | 9.3  | 9.6  | -     | 9.6  | 9.9  | 10.2 | - |  |  |  |
|         | 950   | HI PR                                | 147  | 158  | 167  | -    | 165  | 178  | 188  | -    | 188  | 202  | 213  | -    | 214  | 230  | 243  | -     | 240  | 259  | 273  | -     | 266  | 286  | 302  | - |  |  |  |
|         |       | LO PR                                | 58   | 61   | 67   | -    | 61   | 65   | 71   | -    | 63   | 67   | 74   | -    | 67   | 71   | 77   | -     | 70   | 74   | 81   | -     | 72   | 77   | 84   | - |  |  |  |
|         |       | MBh                                  | 27.2 | 28.2 | 30.9 | -    | 26.6 | 27.5 | 30.2 | -    | 25.9 | 26.9 | 29.5 | -    | 25.3 | 26.2 | 28.7 | -     | 24.0 | 24.9 | 27.3 | -     | 22.3 | 23.1 | 25.3 | - |  |  |  |
|         |       | 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                                   | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 19   | 16   | 12   | -     | 18   | 16   | 12   | -     | 17   | 15   | 11   | - |  |  |  |
| 1069    | kW    | 1.94                                 | 1.98 | 2.04 | -    | 2.08 | 2.13 | 2.19 | -    | 2.21 | 2.26 | 2.33 | -    | 2.32 | 2.37 | 2.44 | -    | 2.41  | 2.47 | 2.55 | -    | 2.50  | 2.55 | 2.63 | -    |   |  |  |  |
|         | Amps  | 7.2                                  | 7.3  | 7.6  | -    | 7.7  | 7.9  | 8.1  | -    | 8.3  | 8.5  | 8.8  | -    | 8.9  | 9.1  | 9.3  | -    | 9.4   | 9.6  | 9.9  | -    | 9.9   | 10.1 | 10.5 | -    |   |  |  |  |
|         | HI PR | 152                                  | 163  | 172  | -    | 170  | 183  | 193  | -    | 193  | 208  | 220  | -    | 220  | 237  | 250  | -    | 248   | 267  | 282  | -    | 274   | 295  | 311  | -    |   |  |  |  |
|         | LO PR | 60                                   | 63   | 69   | -    | 63   | 67   | 73   | -    | 65   | 70   | 76   | -    | 69   | 73   | 80   | -    | 72    | 77   | 84   | -    | 74    | 79   | 86   | -    |   |  |  |  |
|         | MBh   | 28.0                                 | 29.0 | 31.8 | -    | 27.4 | 28.4 | 31.1 | -    | 26.7 | 27.7 | 30.3 | -    | 26.1 | 27.0 | 29.6 | -    | 24.8  | 25.7 | 28.1 | -    | 22.9  | 23.8 | 26.1 | -    |   |  |  |  |
| 1069    | S/T   | 0.73                                 | 0.61 | 0.42 | -    | 0.75 | 0.63 | 0.44 | -    | 0.77 | 0.64 | 0.45 | -    | 0.80 | 0.67 | 0.46 | -    | 0.83  | 0.69 | 0.48 | -    | 0.83  | 0.70 | 0.48 | -    |   |  |  |  |
|         | ΔT    | 18                                   | 15   | 12   | -    | 18   | 15   | 12   | -    | 18   | 15   | 12   | -    | 18   | 15   | 12   | -    | 18    | 15   | 12   | -    | 16    | 14   | 11   | -    |   |  |  |  |
|         | kW    | 1.96                                 | 2.00 | 2.06 | -    | 2.10 | 2.14 | 2.21 | -    | 2.23 | 2.27 | 2.34 | -    | 2.34 | 2.39 | 2.46 | -    | 2.43  | 2.49 | 2.57 | -    | 2.52  | 2.57 | 2.65 | -    |   |  |  |  |
|         | Amps  | 7.2                                  | 7.4  | 7.6  | -    | 7.8  | 7.9  | 8.2  | -    | 8.4  | 8.6  | 8.8  | -    | 8.9  | 9.1  | 9.4  | -    | 9.5   | 9.7  | 10.0 | -    | 10.0  | 10.2 | 10.5 | -    |   |  |  |  |
|         | HI PR | 153                                  | 165  | 174  | -    | 172  | 185  | 195  | -    | 195  | 210  | 222  | -    | 223  | 239  | 253  | -    | 250   | 269  | 285  | -    | 277   | 298  | 314  | -    |   |  |  |  |
| 1069    | LO PR | 60                                   | 64   | 70   | -    | 64   | 68   | 74   | -    | 66   | 70   | 77   | -    | 69   | 74   | 81   | -    | 73    | 77   | 84   | -    | 75    | 80   | 87   | -    |   |  |  |  |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 831   | MBh   | 25.5 | 26.3 | 28.5 | 30.5 | 24.9 | 25.7 | 27.8 | 29.8 | 24.4 | 25.1 | 27.1 | 29.1 | 23.8 | 24.5 | 26.5 | 28.4 | 22.6 | 23.2 | 25.2 | 27.0 | 20.9 | 21.5 | 23.3 | 25.0 |
|       | S/T   | 0.76 | 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 | 0.59 | 0.38 | 0.87 | 0.78 | 0.59 | 0.38 |
|       | 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    | 1.91 | 1.95 | 2.01 | 2.07 | 2.05 | 2.09 | 2.16 | 2.23 | 2.17 | 2.22 | 2.29 | 2.36 | 2.28 | 2.33 | 2.41 | 2.48 | 2.38 | 2.43 | 2.50 | 2.58 | 2.46 | 2.51 | 2.59 | 2.67 |
|       | Amps  | 7.1  | 7.2  | 7.4  | 7.7  | 7.6  | 7.7  | 8.0  | 8.3  | 8.2  | 8.4  | 8.6  | 8.9  | 8.7  | 8.9  | 9.2  | 9.5  | 9.2  | 9.4  | 9.7  | 10.1 | 9.7  | 10.0 | 10.3 | 10.6 |
|       | 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  |
|       | 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   | 27.7 | 28.5 | 30.8 | 33.1 | 27.0 | 27.8 | 30.1 | 32.3 | 26.4 | 27.2 | 29.4 | 31.6 | 25.7 | 26.5 | 28.7 | 30.8 | 24.5 | 25.2 | 27.3 | 29.2 | 22.7 | 23.3 | 25.2 | 27.1 |
|       | S/T   | 0.79 | 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    | 21   | 19   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 20   | 18   | 15   | 10   |
|       | kW    | 1.96 | 2.00 | 2.06 | 2.12 | 2.10 | 2.14 | 2.21 | 2.28 | 2.23 | 2.27 | 2.35 | 2.42 | 2.34 | 2.39 | 2.46 | 2.54 | 2.43 | 2.49 | 2.57 | 2.65 | 2.52 | 2.57 | 2.65 | 2.74 |
| 950   | Amps  | 7.2  | 7.4  | 7.6  | 7.9  | 7.8  | 7.9  | 8.2  | 8.5  | 8.4  | 8.6  | 8.8  | 9.2  | 8.9  | 9.1  | 9.4  | 9.8  | 9.5  | 9.7  | 10.0 | 10.3 | 10.0 | 10.2 | 10.6 | 10.9 |
|       | HI PR | 153  | 165  | 174  | 182  | 172  | 185  | 195  | 204  | 195  | 210  | 222  | 232  | 223  | 240  | 253  | 264  | 250  | 269  | 285  | 297  | 277  | 298  | 314  | 328  |
|       | 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   | 28.5 | 29.3 | 31.8 | 34.1 | 27.8 | 28.7 | 31.0 | 33.3 | 27.2 | 28.0 | 30.3 | 32.5 | 26.5 | 27.3 | 29.5 | 31.7 | 25.2 | 25.9 | 28.1 | 30.1 | 23.3 | 24.0 | 26.0 | 27.9 |
|       | S/T   | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.88 | 0.78 | 0.59 | 0.38 | 0.91 | 0.81 | 0.61 | 0.39 | 0.94 | 0.84 | 0.64 | 0.41 | 0.95 | 0.85 | 0.64 | 0.41 |
|       | ΔT    | 20   | 19   | 15   | 11   | 20   | 19   | 15   | 11   | 21   | 19   | 15   | 11   | 21   | 19   | 16   | 11   | 20   | 19   | 15   | 11   | 19   | 18   | 14   | 10   |
|       | kW    | 1.97 | 2.01 | 2.07 | 2.14 | 2.12 | 2.16 | 2.23 | 2.30 | 2.24 | 2.29 | 2.36 | 2.44 | 2.36 | 2.41 | 2.48 | 2.57 | 2.45 | 2.51 | 2.59 | 2.67 | 2.54 | 2.59 | 2.68 | 2.76 |
|       | Amps  | 7.3  | 7.5  | 7.7  | 7.9  | 7.8  | 8.0  | 8.3  | 8.5  | 8.5  | 8.7  | 8.9  | 9.2  | 9.0  | 9.2  | 9.5  | 9.8  | 9.5  | 9.8  | 10.1 | 10.4 | 10.1 | 10.3 | 10.6 | 11.0 |
|       | HI PR | 155  | 166  | 176  | 183  | 174  | 187  | 197  | 206  | 197  | 212  | 224  | 234  | 225  | 242  | 255  | 266  | 253  | 272  | 287  | 300  | 279  | 301  | 318  | 331  |
|       | LO PR | 61   | 65   | 71   | 75   | 64   | 68   | 75   | 79   | 67   | 71   | 77   | 83   | 70   | 75   | 81   | 87   | 73   | 78   | 85   | 91   | 76   | 81   | 88   | 94   |
|       | 1069  | MBh  | 28.5 | 29.3 | 31.8 | 34.1 | 27.8 | 28.7 | 31.0 | 33.3 | 27.2 | 28.0 | 30.3 | 32.5 | 26.5 | 27.3 | 29.5 | 31.7 | 25.2 | 25.9 | 28.1 | 30.1 | 23.3 | 24.0 | 26.0 |
| S/T   |       | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.88 | 0.78 | 0.59 | 0.38 | 0.91 | 0.81 | 0.61 | 0.39 | 0.94 | 0.84 | 0.64 | 0.41 | 0.95 | 0.85 | 0.64 | 0.41 |
| ΔT    |       | 20   | 19   | 15   | 11   | 20   | 19   | 15   | 11   | 21   | 19   | 15   | 11   | 21   | 19   | 16   | 11   | 20   | 19   | 15   | 11   | 19   | 18   | 14   | 10   |
| kW    |       | 1.97 | 2.01 | 2.07 | 2.14 | 2.12 | 2.16 | 2.23 | 2.30 | 2.24 | 2.29 | 2.36 | 2.44 | 2.36 | 2.41 | 2.48 | 2.57 | 2.45 | 2.51 | 2.59 | 2.67 | 2.54 | 2.59 | 2.68 | 2.76 |
| Amps  |       | 7.3  | 7.5  | 7.7  | 7.9  | 7.8  | 8.0  | 8.3  | 8.5  | 8.5  | 8.7  | 8.9  | 9.2  | 9.0  | 9.2  | 9.5  | 9.8  | 9.5  | 9.8  | 10.1 | 10.4 | 10.1 | 10.3 | 10.6 | 11.0 |
| HI PR |       | 155  | 166  | 176  | 183  | 174  | 187  | 197  | 206  | 197  | 212  | 224  | 234  | 225  | 242  | 255  | 266  | 253  | 272  | 287  | 300  | 279  | 301  | 318  | 331  |
| LO PR |       | 61   | 65   | 71   | 75   | 64   | 68   | 75   | 79   | 67   | 71   | 77   | 83   | 70   | 75   | 81   | 87   | 73   | 78   | 85   | 91   | 76   | 81   | 88   | 94   |

# EXPANDED COOLING DATA — G5C130301E\* / CA\*F3030\*6B\* (CONT.)

| IDB  | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |       |      |      |      |       |      |      |      | 115°F |      |      |      |      |      |      |      |      |      |      |      |
|------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------|------|------|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|
|      |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F                                 |      |      |      | 105°F |      |      |      | 115°F |      |      |      |       |      |      |      |      |      |      |      |      |      |      |      |
|      |         | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59                                   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   |
| 80   | MBh     | 26.0                        | 26.6 | 28.4 | 30.3 | 25.4 | 25.9 | 27.7 | 29.6 | 24.8 | 25.3 | 27.1 | 28.9 | 24.2                                 | 24.7 | 26.4 | 28.2 | 23.0  | 23.5 | 25.1 | 26.8 | 21.3  | 21.7 | 23.2 | 24.8 | 21.3  | 21.7 | 23.2 | 24.8 | 21.3 | 21.7 | 23.2 | 24.8 | 21.3 | 21.7 | 23.2 | 24.8 |
|      | S/T     | 0.83                        | 0.78 | 0.64 | 0.48 | 0.86 | 0.81 | 0.66 | 0.49 | 0.88 | 0.83 | 0.68 | 0.50 | 0.91                                 | 0.86 | 0.70 | 0.52 | 0.95  | 0.89 | 0.72 | 0.54 | 0.96  | 0.90 | 0.73 | 0.55 | 0.96  | 0.90 | 0.73 | 0.55 | 0.96 | 0.90 | 0.73 | 0.55 | 0.96 | 0.90 | 0.73 | 0.55 |
|      | 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   | 22   | 21   | 19   | 15   |
|      | kW      | 1.93                        | 1.97 | 2.02 | 2.09 | 2.07 | 2.11 | 2.17 | 2.24 | 2.19 | 2.24 | 2.31 | 2.38 | 2.30                                 | 2.35 | 2.42 | 2.50 | 2.39  | 2.45 | 2.52 | 2.61 | 2.48  | 2.53 | 2.61 | 2.70 | 2.48  | 2.53 | 2.61 | 2.70 | 2.48 | 2.53 | 2.61 | 2.70 | 2.48 | 2.53 | 2.61 | 2.70 |
|      | Amps    | 7.1                         | 7.3  | 7.5  | 7.7  | 7.6  | 7.8  | 8.0  | 8.3  | 8.2  | 8.4  | 8.7  | 9.0  | 8.8                                  | 9.0  | 9.3  | 9.6  | 9.3   | 9.5  | 9.8  | 10.2 | 9.8   | 10.0 | 10.4 | 10.7 | 9.8   | 10.0 | 10.4 | 10.7 | 9.8  | 10.0 | 10.4 | 10.7 | 9.8  | 10.0 | 10.4 | 10.7 |
|      | HI PR   | 150                         | 161  | 171  | 178  | 168  | 181  | 191  | 200  | 191  | 206  | 218  | 227  | 218                                  | 235  | 248  | 258  | 245   | 264  | 279  | 291  | 271   | 292  | 308  | 321  | 271   | 292  | 308  | 321  | 271  | 292  | 308  | 321  | 271  | 292  | 308  | 321  |
|      | 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   | 74   | 78   | 86   | 91   |
|      | MBh     | 28.2                        | 28.8 | 30.7 | 32.9 | 27.5 | 28.1 | 30.0 | 32.1 | 26.9 | 27.4 | 29.3 | 31.3 | 26.2                                 | 26.8 | 28.6 | 30.6 | 24.9  | 25.4 | 27.2 | 29.0 | 23.1  | 23.6 | 25.2 | 26.9 | 23.1  | 23.6 | 25.2 | 26.9 | 23.1 | 23.6 | 25.2 | 26.9 | 23.1 | 23.6 | 25.2 | 26.9 |
|      | 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 | 0.57 | 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   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24                                   | 23   | 20   | 16   | 24    | 23   | 20   | 16   | 22    | 21   | 18   | 15   | 22    | 21   | 18   | 15   | 22   | 21   | 18   | 15   | 22   | 21   | 18   | 15   |
|      | kW      | 1.97                        | 2.01 | 2.07 | 2.14 | 2.12 | 2.16 | 2.23 | 2.30 | 2.25 | 2.29 | 2.36 | 2.44 | 2.36                                 | 2.41 | 2.49 | 2.57 | 2.45  | 2.51 | 2.59 | 2.67 | 2.54  | 2.59 | 2.68 | 2.76 | 2.54  | 2.59 | 2.68 | 2.76 | 2.54 | 2.59 | 2.68 | 2.76 | 2.54 | 2.59 | 2.68 | 2.76 |
|      | Amps    | 7.3                         | 7.5  | 7.7  | 7.9  | 7.8  | 8.0  | 8.3  | 8.5  | 8.5  | 8.7  | 8.9  | 9.2  | 9.0                                  | 9.2  | 9.5  | 9.8  | 9.5   | 9.8  | 10.1 | 10.4 | 10.1  | 10.3 | 10.6 | 11.0 | 10.1  | 10.3 | 10.6 | 11.0 | 10.1 | 10.3 | 10.6 | 11.0 | 10.1 | 10.3 | 10.6 | 11.0 |
|      | HI PR   | 155                         | 166  | 176  | 183  | 174  | 187  | 197  | 206  | 197  | 212  | 224  | 234  | 225                                  | 242  | 256  | 266  | 253   | 272  | 287  | 300  | 279   | 301  | 318  | 331  | 279   | 301  | 318  | 331  | 279  | 301  | 318  | 331  | 279  | 301  | 318  | 331  |
|      | LO PR   | 61                          | 65   | 71   | 75   | 64   | 68   | 75   | 79   | 67   | 71   | 77   | 83   | 70                                   | 75   | 81   | 87   | 73    | 78   | 85   | 91   | 76    | 81   | 88   | 94   | 76    | 81   | 88   | 94   | 76   | 81   | 88   | 94   | 76   | 81   | 88   | 94   |
| 1069 | MBh     | 29.0                        | 29.6 | 31.7 | 33.9 | 28.3 | 29.0 | 30.9 | 33.1 | 27.7 | 28.3 | 30.2 | 32.3 | 27.0                                 | 27.6 | 29.5 | 31.5 | 25.6  | 26.2 | 28.0 | 29.9 | 23.7  | 24.3 | 25.9 | 27.7 | 23.7  | 24.3 | 25.9 | 27.7 | 23.7 | 24.3 | 25.9 | 27.7 | 23.7 | 24.3 | 25.9 | 27.7 |
|      | S/T     | 0.91                        | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 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 | 1.00  | 1.00 | 0.79 | 0.59 | 1.00 | 1.00 | 0.79 | 0.59 | 1.00 | 1.00 | 0.79 | 0.59 |
|      | ΔT      | 23                          | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 23                                   | 22   | 19   | 15   | 22    | 22   | 19   | 15   | 20    | 21   | 18   | 14   | 20    | 21   | 18   | 14   | 20   | 21   | 18   | 14   | 20   | 21   | 18   | 14   |
|      | kW      | 1.99                        | 2.03 | 2.09 | 2.15 | 2.13 | 2.18 | 2.24 | 2.32 | 2.26 | 2.31 | 2.38 | 2.46 | 2.38                                 | 2.43 | 2.51 | 2.59 | 2.47  | 2.53 | 2.61 | 2.69 | 2.56  | 2.61 | 2.70 | 2.79 | 2.56  | 2.61 | 2.70 | 2.79 | 2.56 | 2.61 | 2.70 | 2.79 | 2.56 | 2.61 | 2.70 | 2.79 |
|      | Amps    | 7.4                         | 7.5  | 7.7  | 8.0  | 7.9  | 8.1  | 8.3  | 8.6  | 8.5  | 8.7  | 9.0  | 9.3  | 9.1                                  | 9.3  | 9.6  | 9.9  | 9.6   | 9.9  | 10.2 | 10.5 | 10.2  | 10.4 | 10.7 | 11.1 | 10.2  | 10.4 | 10.7 | 11.1 | 10.2 | 10.4 | 10.7 | 11.1 | 10.2 | 10.4 | 10.7 | 11.1 |
|      | HI PR   | 156                         | 168  | 178  | 185  | 175  | 189  | 199  | 208  | 199  | 215  | 227  | 236  | 227                                  | 244  | 258  | 269  | 255   | 275  | 290  | 303  | 282   | 304  | 321  | 335  | 282   | 304  | 321  | 335  | 282  | 304  | 321  | 335  | 282  | 304  | 321  | 335  |
|      | 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   | 77    | 82   | 89   | 95   | 77   | 82   | 89   | 95   | 77   | 82   | 89   | 95   |
| 831  | MBh     | 26.4                        | 27.0 | 28.2 | 30.1 | 25.8 | 26.3 | 27.6 | 29.4 | 25.2 | 25.7 | 26.9 | 28.7 | 24.6                                 | 25.1 | 26.3 | 28.0 | 23.4  | 23.8 | 25.0 | 26.6 | 21.7  | 22.1 | 23.1 | 24.7 | 21.7  | 22.1 | 23.1 | 24.7 | 21.7 | 22.1 | 23.1 | 24.7 | 21.7 | 22.1 | 23.1 | 24.7 |
|      | S/T     | 0.87                        | 0.84 | 0.76 | 0.62 | 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  | 0.96 | 0.87 | 0.70 | 1.00  | 0.97 | 0.87 | 0.71 | 1.00  | 0.97 | 0.87 | 0.71 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 0.97 | 0.87 | 0.71 |
|      | ΔT      | 26                          | 25   | 24   | 21   | 26   | 25   | 24   | 21   | 26   | 25   | 24   | 21   | 26                                   | 26   | 24   | 21   | 26    | 25   | 24   | 21   | 24    | 24   | 22   | 19   | 24    | 24   | 22   | 19   | 24   | 24   | 22   | 19   | 24   | 24   | 22   | 19   |
|      | kW      | 1.94                        | 1.98 | 2.04 | 2.10 | 2.08 | 2.13 | 2.19 | 2.26 | 2.21 | 2.26 | 2.33 | 2.40 | 2.32                                 | 2.37 | 2.44 | 2.52 | 2.41  | 2.47 | 2.54 | 2.63 | 2.50  | 2.55 | 2.63 | 2.72 | 2.50  | 2.55 | 2.63 | 2.72 | 2.50 | 2.55 | 2.63 | 2.72 | 2.50 | 2.55 | 2.63 | 2.72 |
|      | Amps    | 7.2                         | 7.3  | 7.5  | 7.8  | 7.7  | 7.9  | 8.1  | 8.4  | 8.3  | 8.5  | 8.8  | 9.1  | 8.8                                  | 9.1  | 9.3  | 9.7  | 9.4   | 9.6  | 9.9  | 10.3 | 9.9   | 10.1 | 10.5 | 10.8 | 9.9   | 10.1 | 10.5 | 10.8 | 9.9  | 10.1 | 10.5 | 10.8 | 9.9  | 10.1 | 10.5 | 10.8 |
|      | HI PR   | 152                         | 163  | 172  | 180  | 170  | 183  | 193  | 202  | 193  | 208  | 220  | 229  | 220                                  | 237  | 250  | 261  | 248   | 267  | 282  | 294  | 274   | 295  | 311  | 325  | 274   | 295  | 311  | 325  | 274  | 295  | 311  | 325  | 274  | 295  | 311  | 325  |
|      | 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   | 74    | 79   | 86   | 92   | 74   | 79   | 86   | 92   | 74   | 79   | 86   | 92   |
|      | MBh     | 28.7                        | 29.2 | 30.6 | 32.6 | 28.0 | 28.5 | 29.9 | 31.9 | 27.3 | 27.9 | 29.2 | 31.1 | 26.7                                 | 27.2 | 28.5 | 30.4 | 25.3  | 25.8 | 27.0 | 28.8 | 23.5  | 23.9 | 25.0 | 26.7 | 23.5  | 23.9 | 25.0 | 26.7 | 23.5 | 23.9 | 25.0 | 26.7 | 23.5 | 23.9 | 25.0 | 26.7 |
|      | 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 | 0.86 | 0.70 | 1.00  | 0.99 | 0.90 | 0.73 | 1.00  | 1.00 | 0.90 | 0.73 | 1.00  | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.90 | 0.73 |
|      | ΔT      | 25                          | 25   | 23   | 20   | 25   | 25   | 24   | 20   | 25   | 25   | 24   | 20   | 26                                   | 26   | 24   | 21   | 25    | 25   | 23   | 20   | 23    | 23   | 22   | 19   | 23    | 23   | 22   | 19   | 23   | 23   | 22   | 19   | 23   | 23   | 22   | 19   |
|      | kW      | 1.99                        | 2.03 | 2.09 | 2.15 | 2.13 | 2.18 | 2.24 | 2.32 | 2.26 | 2.31 | 2.38 | 2.46 | 2.38                                 | 2.43 | 2.51 | 2.59 | 2.47  | 2.53 | 2.61 | 2.69 | 2.56  | 2.61 | 2.70 | 2.79 | 2.56  | 2.61 | 2.70 | 2.79 | 2.56 | 2.61 | 2.70 | 2.79 | 2.56 | 2.61 | 2.70 | 2.79 |
|      | Amps    | 7.4                         | 7.5  | 7.7  | 8.0  | 7.9  | 8.1  | 8.3  | 8.6  | 8.5  | 8.7  | 9.0  | 9.3  | 9.1                                  | 9.3  | 9.6  | 9.9  | 9.6   | 9.9  | 10.2 | 10.5 | 10.2  | 10.4 | 10.7 | 11.1 | 10.2  | 10.4 | 10.7 | 11.1 | 10.2 | 10.4 | 10.7 | 11.1 | 10.2 | 10.4 | 10.7 | 11.1 |
|      | HI PR   | 156                         | 168  | 178  | 185  | 175  | 189  | 199  | 208  | 199  | 215  | 227  | 236  | 227                                  | 244  | 258  | 269  | 255   | 275  | 290  | 303  | 282   | 304  | 321  | 335  | 282   | 304  | 321  | 335  | 282  | 304  | 321  | 335  | 282  | 304  | 321  | 335  |
|      | 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   | 77    | 82   | 89   | 95   | 77   | 82   | 89   | 95   | 77   | 82   | 89   | 95   |
| 1069 | MBh     | 29.5                        | 30.1 | 31.5 | 33.6 | 28.8 | 29.4 | 30.8 | 32.8 |      |      |      |      |                                      |      |      |      |       |      |      |      |       |      |      |      |       |      |      |      |      |      |      |      |      |      |      |      |

# EXPANDED COOLING DATA — G5C130361G\* / CA\*F3636\*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     | 30.0                        | 31.1 | 34.1 | -  | 29.3 | 30.4 | 33.3 | -  | 28.6 | 29.7 | 32.5 | -  | 27.9 | 29.0 | 31.7 | -  | 26.5  | 27.5 | 30.1 | -  | 24.6  | 25.5 | 27.9 | -  |
|     | S/T     | 0.67                        | 0.56 | 0.39 | -  | 0.70 | 0.58 | 0.40 | -  | 0.71 | 0.60 | 0.41 | -  | 0.74 | 0.62 | 0.43 | -  | 0.76  | 0.64 | 0.44 | -  | 0.77  | 0.64 | 0.45 | -  |
|     | ΔT      | 19                          | 17   | 13   | -  | 19   | 17   | 13   | -  | 20   | 17   | 13   | -  | 20   | 17   | 13   | -  | 19    | 17   | 13   | -  | 18    | 16   | 12   | -  |
|     | kW      | 2.31                        | 2.36 | 2.43 | -  | 2.48 | 2.53 | 2.61 | -  | 2.63 | 2.68 | 2.77 | -  | 2.76 | 2.82 | 2.91 | -  | 2.87  | 2.93 | 3.03 | -  | 2.97  | 3.03 | 3.13 | -  |
|     | Amps    | 8.8                         | 9.0  | 9.3  | -  | 9.5  | 9.7  | 10.0 | -  | 10.3 | 10.5 | 10.8 | -  | 10.9 | 11.2 | 11.6 | -  | 11.6  | 11.9 | 12.3 | -  | 12.3  | 12.6 | 13.0 | -  |
|     | HI PR   | 141                         | 152  | 160  | -  | 158  | 170  | 180  | -  | 180  | 194  | 205  | -  | 205  | 221  | 233  | -  | 231   | 248  | 262  | -  | 255   | 274  | 290  | -  |
|     | LO PR   | 59                          | 62   | 68   | -  | 62   | 66   | 72   | -  | 64   | 69   | 75   | -  | 68   | 72   | 79   | -  | 71    | 75   | 82   | -  | 73    | 78   | 85   | -  |
|     | MBh     | 32.5                        | 33.7 | 36.9 | -  | 31.8 | 32.9 | 36.1 | -  | 31.0 | 32.2 | 35.2 | -  | 30.3 | 31.4 | 34.4 | -  | 28.8  | 29.8 | 32.7 | -  | 26.6  | 27.6 | 30.2 | -  |
|     | S/T     | 0.70                        | 0.58 | 0.40 | -  | 0.72 | 0.60 | 0.42 | -  | 0.74 | 0.62 | 0.43 | -  | 0.76 | 0.64 | 0.44 | -  | 0.79  | 0.66 | 0.46 | -  | 0.80  | 0.67 | 0.46 | -  |
|     | ΔT      | 19                          | 16   | 12   | -  | 19   | 17   | 13   | -  | 19   | 17   | 13   | -  | 19   | 17   | 13   | -  | 19    | 16   | 13   | -  | 18    | 15   | 12   | -  |
| 70  | kW      | 2.37                        | 2.42 | 2.49 | -  | 2.54 | 2.59 | 2.67 | -  | 2.69 | 2.75 | 2.84 | -  | 2.83 | 2.89 | 2.98 | -  | 2.94  | 3.01 | 3.10 | -  | 3.04  | 3.11 | 3.21 | -  |
|     | Amps    | 9.0                         | 9.2  | 9.5  | -  | 9.7  | 10.0 | 10.3 | -  | 10.5 | 10.8 | 11.1 | -  | 11.2 | 11.5 | 11.9 | -  | 11.9  | 12.2 | 12.6 | -  | 12.6  | 12.9 | 13.4 | -  |
|     | HI PR   | 146                         | 157  | 165  | -  | 163  | 176  | 186  | -  | 186  | 200  | 211  | -  | 212  | 228  | 240  | -  | 238   | 256  | 270  | -  | 263   | 283  | 299  | -  |
|     | LO PR   | 60                          | 64   | 70   | -  | 64   | 68   | 74   | -  | 66   | 71   | 77   | -  | 70   | 74   | 81   | -  | 73    | 78   | 85   | -  | 76    | 80   | 88   | -  |
|     | MBh     | 33.5                        | 34.7 | 38.1 | -  | 32.7 | 33.9 | 37.2 | -  | 32.0 | 33.1 | 36.3 | -  | 31.2 | 32.3 | 35.4 | -  | 29.6  | 30.7 | 33.6 | -  | 27.4  | 28.4 | 31.2 | -  |
|     | 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  | 0.69 | 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   | -  |
|     | kW      | 2.39                        | 2.43 | 2.51 | -  | 2.56 | 2.61 | 2.69 | -  | 2.71 | 2.77 | 2.86 | -  | 2.85 | 2.91 | 3.00 | -  | 2.97  | 3.03 | 3.13 | -  | 3.07  | 3.13 | 3.23 | -  |
|     | Amps    | 9.1                         | 9.3  | 9.6  | -  | 9.8  | 10.1 | 10.4 | -  | 10.6 | 10.9 | 11.2 | -  | 11.3 | 11.6 | 12.0 | -  | 12.1  | 12.3 | 12.7 | -  | 12.7  | 13.1 | 13.5 | -  |
|     | HI PR   | 147                         | 158  | 167  | -  | 165  | 178  | 187  | -  | 188  | 202  | 213  | -  | 214  | 230  | 243  | -  | 240   | 259  | 273  | -  | 266   | 286  | 302  | -  |
|     | LO PR   | 61                          | 65   | 71   | -  | 65   | 69   | 75   | -  | 67   | 71   | 78   | -  | 70   | 75   | 82   | -  | 74    | 79   | 86   | -  | 76    | 81   | 89   | -  |

|    |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75 | MBh   | 30.5 | 31.4 | 34.0 | 36.5 | 29.8 | 30.7 | 33.2 | 35.7 | 29.1 | 30.0 | 32.5 | 34.8 | 28.4 | 29.3 | 31.7 | 34.0 | 27.0 | 27.8 | 30.1 | 32.3 | 25.0 | 25.7 | 27.9 | 29.9 |
|    | S/T   | 0.76 | 0.68 | 0.52 | 0.33 | 0.79 | 0.71 | 0.54 | 0.34 | 0.81 | 0.73 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.36 | 0.87 | 0.78 | 0.59 | 0.38 | 0.88 | 0.78 | 0.59 | 0.38 |
|    | ΔT    | 22   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 22   | 21   | 17   | 12   | 21   | 19   | 16   | 11   |
|    | kW    | 2.33 | 2.38 | 2.45 | 2.52 | 2.50 | 2.55 | 2.63 | 2.71 | 2.65 | 2.71 | 2.79 | 2.88 | 2.78 | 2.84 | 2.93 | 3.03 | 2.90 | 2.96 | 3.05 | 3.15 | 2.99 | 3.06 | 3.16 | 3.26 |
|    | Amps  | 8.9  | 9.1  | 9.4  | 9.7  | 9.6  | 9.8  | 10.1 | 10.5 | 10.4 | 10.6 | 10.9 | 11.3 | 11.0 | 11.3 | 11.7 | 12.1 | 11.7 | 12.0 | 12.4 | 12.9 | 12.4 | 12.7 | 13.1 | 13.6 |
|    | 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 | 59   | 63   | 69   | 73   | 63   | 67   | 73   | 77   | 65   | 69   | 76   | 81   | 68   | 73   | 79   | 85   | 72   | 76   | 83   | 89   | 74   | 79   | 86   | 92   |
|    | MBh   | 33.1 | 34.1 | 36.9 | 39.6 | 32.3 | 33.3 | 36.0 | 38.7 | 31.5 | 32.5 | 35.2 | 37.7 | 30.8 | 31.7 | 34.3 | 36.8 | 29.2 | 30.1 | 32.6 | 35.0 | 27.1 | 27.9 | 30.2 | 32.4 |
|    | S/T   | 0.79 | 0.71 | 0.54 | 0.34 | 0.82 | 0.73 | 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 | 0.81 | 0.62 | 0.40 |
|    | ΔT    | 22   | 20   | 17   | 11   | 22   | 20   | 17   | 12   | 22   | 20   | 17   | 12   | 22   | 21   | 17   | 12   | 22   | 20   | 17   | 11   | 21   | 19   | 16   | 11   |
| 75 | kW    | 2.39 | 2.43 | 2.51 | 2.58 | 2.56 | 2.61 | 2.69 | 2.78 | 2.72 | 2.77 | 2.86 | 2.95 | 2.85 | 2.91 | 3.00 | 3.10 | 2.97 | 3.03 | 3.13 | 3.23 | 3.07 | 3.13 | 3.24 | 3.34 |
|    | Amps  | 9.1  | 9.3  | 9.6  | 10.0 | 9.8  | 10.1 | 10.4 | 10.7 | 10.6 | 10.9 | 11.2 | 11.6 | 11.3 | 11.6 | 12.0 | 12.4 | 12.1 | 12.3 | 12.7 | 13.2 | 12.7 | 13.1 | 13.5 | 14.0 |
|    | 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 | 61   | 65   | 71   | 76   | 65   | 69   | 75   | 80   | 67   | 71   | 78   | 83   | 70   | 75   | 82   | 87   | 74   | 79   | 86   | 91   | 76   | 81   | 89   | 95   |
|    | MBh   | 34.1 | 35.1 | 38.0 | 40.8 | 33.3 | 34.3 | 37.1 | 39.8 | 32.5 | 33.5 | 36.2 | 38.9 | 31.7 | 32.6 | 35.3 | 37.9 | 30.1 | 31.0 | 33.6 | 36.0 | 27.9 | 28.7 | 31.1 | 33.4 |
|    | S/T   | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.91 | 0.81 | 0.62 | 0.40 | 0.95 | 0.85 | 0.64 | 0.41 | 0.95 | 0.85 | 0.65 | 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    | 2.40 | 2.45 | 2.53 | 2.60 | 2.58 | 2.63 | 2.72 | 2.80 | 2.74 | 2.79 | 2.88 | 2.97 | 2.87 | 2.94 | 3.03 | 3.13 | 2.99 | 3.06 | 3.15 | 3.26 | 3.09 | 3.16 | 3.26 | 3.37 |
|    | Amps  | 9.2  | 9.4  | 9.7  | 10.0 | 9.9  | 10.1 | 10.5 | 10.8 | 10.7 | 11.0 | 11.3 | 11.8 | 11.4 | 11.7 | 12.1 | 12.5 | 12.2 | 12.5 | 12.9 | 13.3 | 12.9 | 13.2 | 13.6 | 14.1 |
|    | HI PR | 148  | 160  | 169  | 176  | 167  | 179  | 189  | 197  | 190  | 204  | 215  | 225  | 216  | 232  | 245  | 256  | 243  | 261  | 276  | 288  | 268  | 289  | 305  | 318  |
|    | LO PR | 62   | 66   | 72   | 76   | 65   | 69   | 76   | 81   | 68   | 72   | 79   | 84   | 71   | 76   | 83   | 88   | 75   | 79   | 87   | 92   | 77   | 82   | 90   | 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 — G5C130361G\* / CA\*F3636\*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     | 31.1                        | 31.8 | 33.9 | 36.3 | 30.4 | 31.0 | 33.1 | 35.4 | 29.6 | 30.3 | 32.4 | 34.6 | 28.9 | 29.5 | 31.6 | 33.7 | 27.5  | 28.1 | 30.0 | 32.1 | 25.4  | 26.0 | 27.8 | 29.7 |
|      | S/T     | 0.84                        | 0.79 | 0.64 | 0.48 | 0.87 | 0.81 | 0.66 | 0.50 | 0.89 | 0.83 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.95  | 0.89 | 0.73 | 0.54 | 0.96  | 0.90 | 0.73 | 0.55 |
|      | ΔT      | 25                          | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25    | 24   | 21   | 17   | 23    | 22   | 19   | 16   |
|      | kW      | 2.35                        | 2.40 | 2.47 | 2.54 | 2.52 | 2.57 | 2.65 | 2.73 | 2.67 | 2.73 | 2.81 | 2.90 | 2.81 | 2.87 | 2.96 | 3.05 | 2.92  | 2.98 | 3.08 | 3.18 | 3.02  | 3.08 | 3.18 | 3.29 |
|      | Amps    | 9.0                         | 9.2  | 9.5  | 9.8  | 9.7  | 9.9  | 10.2 | 10.6 | 10.5 | 10.7 | 11.0 | 11.4 | 11.1 | 11.4 | 11.8 | 12.2 | 11.8  | 12.1 | 12.5 | 13.0 | 12.5  | 12.8 | 13.2 | 13.7 |
|      | 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  |
|      | LO PR   | 60                          | 64   | 70   | 74   | 63   | 67   | 73   | 78   | 66   | 70   | 76   | 81   | 69   | 73   | 80   | 85   | 72    | 77   | 84   | 90   | 75    | 80   | 87   | 93   |
|      | MBh     | 33.7                        | 34.4 | 36.8 | 39.3 | 32.9 | 33.6 | 35.9 | 38.4 | 32.1 | 32.8 | 35.1 | 37.5 | 31.3 | 32.0 | 34.2 | 36.6 | 29.8  | 30.4 | 32.5 | 34.7 | 27.6  | 28.2 | 30.1 | 32.2 |
|      | S/T     | 0.87                        | 0.81 | 0.66 | 0.50 | 0.90 | 0.84 | 0.69 | 0.51 | 0.92 | 0.87 | 0.70 | 0.53 | 0.95 | 0.89 | 0.73 | 0.54 | 0.99  | 0.93 | 0.75 | 0.56 | 1.00  | 0.93 | 0.76 | 0.57 |
|      | ΔT      | 24                          | 23   | 20   | 16   | 25   | 24   | 21   | 16   | 25   | 24   | 21   | 16   | 25   | 24   | 21   | 17   | 25    | 24   | 20   | 16   | 23    | 22   | 19   | 15   |
| 1100 | kW      | 2.40                        | 2.45 | 2.53 | 2.60 | 2.58 | 2.63 | 2.72 | 2.80 | 2.74 | 2.79 | 2.88 | 2.97 | 2.87 | 2.94 | 3.03 | 3.13 | 2.99  | 3.06 | 3.15 | 3.26 | 3.09  | 3.16 | 3.26 | 3.37 |
|      | Amps    | 9.2                         | 9.4  | 9.7  | 10.1 | 9.9  | 10.1 | 10.5 | 10.8 | 10.7 | 11.0 | 11.3 | 11.8 | 11.4 | 11.7 | 12.1 | 12.5 | 12.2  | 12.5 | 12.9 | 13.3 | 12.9  | 13.2 | 13.6 | 14.1 |
|      | 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  |
|      | LO PR   | 62                          | 66   | 72   | 76   | 65   | 69   | 76   | 81   | 68   | 72   | 79   | 84   | 71   | 76   | 83   | 88   | 75    | 79   | 87   | 92   | 77    | 82   | 90   | 95   |
|      | MBh     | 34.7                        | 35.4 | 37.9 | 40.5 | 33.9 | 34.6 | 37.0 | 39.5 | 33.1 | 33.8 | 36.1 | 38.6 | 32.3 | 33.0 | 35.2 | 37.7 | 30.7  | 31.3 | 33.5 | 35.8 | 28.4  | 29.0 | 31.0 | 33.1 |
|      | S/T     | 0.91                        | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00  | 1.00 | 0.79 | 0.59 | 1.00  | 1.00 | 0.80 | 0.60 |
|      | ΔT      | 23                          | 22   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 23    | 23   | 20   | 16   | 21    | 22   | 18   | 15   |
|      | kW      | 2.42                        | 2.47 | 2.55 | 2.62 | 2.60 | 2.65 | 2.74 | 2.82 | 2.76 | 2.82 | 2.90 | 3.00 | 2.90 | 2.96 | 3.05 | 3.15 | 3.02  | 3.08 | 3.18 | 3.28 | 3.12  | 3.19 | 3.29 | 3.40 |
|      | Amps    | 9.3                         | 9.5  | 9.8  | 10.1 | 10.0 | 10.2 | 10.6 | 10.9 | 10.8 | 11.1 | 11.4 | 11.9 | 11.6 | 11.8 | 12.2 | 12.7 | 12.3  | 12.6 | 13.0 | 13.5 | 13.0  | 13.3 | 13.7 | 14.2 |
|      | 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  |
|      | LO PR   | 62                          | 66   | 72   | 77   | 66   | 70   | 77   | 81   | 68   | 73   | 80   | 85   | 72   | 77   | 84   | 89   | 75    | 80   | 88   | 93   | 78    | 83   | 91   | 96   |

|      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85   | MBh   | 31.6 | 32.2 | 33.8 | 36.0 | 30.9 | 31.5 | 33.0 | 35.2 | 30.2 | 30.7 | 32.2 | 34.3 | 29.4 | 30.0 | 31.4 | 33.5 | 27.9 | 28.5 | 29.8 | 31.8 | 25.9 | 26.4 | 27.6 | 29.5 |
|      | S/T   | 0.88 | 0.85 | 0.76 | 0.62 | 0.91 | 0.88 | 0.79 | 0.64 | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 0.97 | 0.88 | 0.71 |
|      | ΔT    | 27   | 26   | 25   | 21   | 27   | 26   | 25   | 22   | 27   | 26   | 25   | 22   | 27   | 27   | 25   | 22   | 27   | 26   | 25   | 21   | 25   | 25   | 23   | 20   |
|      | kW    | 2.37 | 2.41 | 2.49 | 2.56 | 2.54 | 2.59 | 2.67 | 2.76 | 2.69 | 2.75 | 2.84 | 2.93 | 2.83 | 2.89 | 2.98 | 3.08 | 2.94 | 3.01 | 3.10 | 3.20 | 3.04 | 3.11 | 3.21 | 3.31 |
|      | Amps  | 9.0  | 9.2  | 9.5  | 9.9  | 9.7  | 10.0 | 10.3 | 10.6 | 10.5 | 10.8 | 11.1 | 11.5 | 11.2 | 11.5 | 11.9 | 12.3 | 11.9 | 12.2 | 12.6 | 13.1 | 12.6 | 12.9 | 13.4 | 13.9 |
|      | 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 | 60   | 64   | 70   | 75   | 64   | 68   | 74   | 79   | 66   | 71   | 77   | 82   | 70   | 74   | 81   | 86   | 73   | 78   | 85   | 90   | 76   | 80   | 88   | 94   |
|      | MBh   | 34.3 | 34.9 | 36.6 | 39.0 | 33.5 | 34.1 | 35.7 | 38.1 | 32.7 | 33.3 | 34.9 | 37.2 | 31.9 | 32.5 | 34.0 | 36.3 | 30.3 | 30.9 | 32.3 | 34.5 | 28.0 | 28.6 | 29.9 | 31.9 |
|      | S/T   | 0.91 | 0.88 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.67 | 0.97 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.91 | 0.74 |
|      | ΔT    | 26   | 26   | 24   | 21   | 26   | 26   | 25   | 21   | 26   | 26   | 25   | 21   | 27   | 26   | 25   | 21   | 25   | 26   | 24   | 21   | 23   | 24   | 23   | 20   |
| 1100 | kW    | 2.42 | 2.47 | 2.55 | 2.62 | 2.60 | 2.65 | 2.74 | 2.82 | 2.76 | 2.82 | 2.90 | 3.00 | 2.90 | 2.96 | 3.05 | 3.15 | 3.02 | 3.08 | 3.18 | 3.28 | 3.12 | 3.19 | 3.29 | 3.40 |
|      | Amps  | 9.3  | 9.5  | 9.8  | 10.1 | 10.0 | 10.2 | 10.6 | 10.9 | 10.8 | 11.1 | 11.4 | 11.9 | 11.6 | 11.8 | 12.2 | 12.7 | 12.3 | 12.6 | 13.0 | 13.5 | 13.0 | 13.3 | 13.7 | 14.2 |
|      | 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  |
|      | LO PR | 62   | 66   | 72   | 77   | 66   | 70   | 77   | 81   | 68   | 73   | 80   | 85   | 72   | 77   | 84   | 89   | 75   | 80   | 88   | 93   | 78   | 83   | 91   | 96   |
|      | MBh   | 35.3 | 36.0 | 37.7 | 40.2 | 34.5 | 35.1 | 36.8 | 39.3 | 33.7 | 34.3 | 35.9 | 38.3 | 32.8 | 33.5 | 35.0 | 37.4 | 31.2 | 31.8 | 33.3 | 35.5 | 28.9 | 29.5 | 30.8 | 32.9 |
|      | S/T   | 0.95 | 0.92 | 0.83 | 0.67 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.88 | 0.72 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.95 | 0.77 |
|      | ΔT    | 25   | 25   | 23   | 20   | 25   | 25   | 24   | 20   | 25   | 25   | 24   | 20   | 24   | 25   | 24   | 21   | 23   | 24   | 23   | 20   | 21   | 22   | 22   | 19   |
|      | kW    | 2.44 | 2.49 | 2.57 | 2.65 | 2.62 | 2.68 | 2.76 | 2.85 | 2.78 | 2.84 | 2.93 | 3.02 | 2.92 | 2.98 | 3.08 | 3.18 | 3.04 | 3.11 | 3.21 | 3.31 | 3.14 | 3.21 | 3.32 | 3.43 |
|      | Amps  | 9.4  | 9.6  | 9.9  | 10.2 | 10.1 | 10.3 | 10.6 | 11.0 | 10.9 | 11.2 | 11.5 | 12.0 | 11.7 | 11.9 | 12.3 | 12.8 | 12.4 | 12.7 | 13.1 | 13.6 | 13.1 | 13.4 | 13.9 | 14.4 |
|      | HI PR | 151  | 163  | 172  | 180  | 170  | 183  | 193  | 201  | 193  | 208  | 220  | 229  | 220  | 237  | 250  | 261  | 248  | 267  | 282  | 294  | 274  | 295  | 311  | 324  |
|      | 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   |

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

Shaded area reflects Test A rating conditions per AHRI 210/240

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

# EXPANDED COOLING DATA — G5C130421B\* / CA\*F3642\*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     | 38.4                        | 39.8 | 43.6 | -    | 37.5 | 38.9 | 42.6 | -    | 36.6 | 38.0 | 41.6 | -    | 35.7 | 37.0 | 40.6 | -    | 34.0  | 35.2 | 38.6 | -    | 31.5  | 32.6 | 35.7 | -    |      |
|         | S/T     | 0.67                        | 0.56 | 0.39 | -    | 0.69 | 0.58 | 0.40 | -    | 0.71 | 0.59 | 0.41 | -    | 0.73 | 0.61 | 0.43 | -    | 0.76  | 0.64 | 0.44 | -    | 0.77  | 0.64 | 0.44 | -    |      |
|         | Delta T | 19                          | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 19    | 17   | 13   | -    | 18    | 16   | 12   | -    |      |
|         | 1225    | KW                          | 2.87 | 2.92 | 3.01 | -    | 3.06 | 3.12 | 3.21 | -    | 3.24 | 3.30 | 3.40 | -    | 3.39 | 3.46 | 3.56 | -     | 3.52 | 3.59 | 3.69 | -     | 3.63 | 3.70 | 3.81 | -    |
|         | AMPS    | 11.2                        | 11.5 | 11.8 | -    | 12.1 | 12.4 | 12.8 | -    | 13.1 | 13.5 | 13.9 | -    | 14.0 | 14.4 | 14.9 | -    | 15.0  | 15.3 | 15.8 | -    | 15.8  | 16.2 | 16.8 | -    |      |
|         | HI PR   | 135                         | 145  | 153  | -    | 151  | 163  | 172  | -    | 172  | 185  | 195  | -    | 196  | 211  | 222  | -    | 220   | 237  | 250  | -    | 243   | 262  | 276  | -    |      |
|         | LO PR   | 59                          | 63   | 69   | -    | 63   | 67   | 73   | -    | 65   | 69   | 75   | -    | 68   | 73   | 79   | -    | 72    | 76   | 83   | -    | 74    | 79   | 86   | -    |      |
|         | MBh     | 39.0                        | 40.4 | 44.3 | -    | 38.1 | 39.5 | 43.3 | -    | 37.2 | 38.5 | 42.2 | -    | 36.3 | 37.6 | 41.2 | -    | 34.5  | 35.7 | 39.1 | -    | 31.9  | 33.1 | 36.3 | -    |      |
|         | S/T     | 0.69                        | 0.58 | 0.40 | -    | 0.72 | 0.60 | 0.42 | -    | 0.74 | 0.62 | 0.43 | -    | 0.76 | 0.64 | 0.44 | -    | 0.79  | 0.66 | 0.46 | -    | 0.80  | 0.67 | 0.46 | -    |      |
|         | Delta T | 19                          | 17   | 13   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 20   | 17   | 13   | -    | 19    | 17   | 13   | -    | 18    | 16   | 12   | -    |      |
|         | 1300    | KW                          | 2.91 | 2.96 | 3.04 | -    | 3.10 | 3.16 | 3.25 | -    | 3.28 | 3.34 | 3.44 | -    | 3.43 | 3.50 | 3.60 | -     | 3.56 | 3.63 | 3.74 | -     | 3.68 | 3.75 | 3.86 | -    |
|         | AMPS    | 11.4                        | 11.6 | 12.0 | -    | 12.3 | 12.6 | 13.0 | -    | 13.4 | 13.7 | 14.1 | -    | 14.3 | 14.6 | 15.1 | -    | 15.2  | 15.6 | 16.1 | -    | 16.1  | 16.5 | 17.1 | -    |      |
| HI PR   | 137     | 147                         | 156  | -    | 154  | 165  | 175  | -    | 175  | 188  | 199  | -    | 199  | 214  | 226  | -    | 224  | 241   | 254  | -    | 247  | 266   | 281  | -    |      |      |
| LO PR   | 60      | 64                          | 70   | -    | 64   | 68   | 74   | -    | 66   | 70   | 77   | -    | 69   | 74   | 81   | -    | 73   | 77    | 85   | -    | 75   | 80    | 87   | -    |      |      |
| MBh     | 40.4    | 41.8                        | 45.8 | -    | 39.4 | 40.9 | 44.8 | -    | 38.5 | 39.9 | 43.7 | -    | 37.6 | 38.9 | 42.6 | -    | 35.7 | 37.0  | 40.5 | -    | 33.0 | 34.3  | 37.5 | -    |      |      |
| S/T     | 0.74    | 0.62                        | 0.43 | -    | 0.76 | 0.64 | 0.44 | -    | 0.78 | 0.66 | 0.45 | -    | 0.81 | 0.68 | 0.47 | -    | 0.84 | 0.70  | 0.49 | -    | 0.85 | 0.71  | 0.49 | -    |      |      |
| Delta T | 17      | 15                          | 11   | -    | 18   | 15   | 12   | -    | 18   | 15   | 12   | -    | 18   | 15   | 12   | -    | 18   | 15    | 11   | -    | 16   | 14    | 11   | -    |      |      |
| 1575    | KW      | 2.95                        | 3.00 | 3.09 | -    | 3.15 | 3.21 | 3.30 | -    | 3.33 | 3.39 | 3.49 | -    | 3.48 | 3.55 | 3.66 | -    | 3.62  | 3.69 | 3.80 | -    | 3.73  | 3.81 | 3.92 | -    |      |
| AMPS    | 11.6    | 11.8                        | 12.2 | -    | 12.5 | 12.8 | 13.2 | -    | 13.6 | 13.9 | 14.4 | -    | 14.5 | 14.9 | 15.4 | -    | 15.5 | 15.9  | 16.4 | -    | 16.4 | 16.8  | 17.4 | -    |      |      |
| HI PR   | 140     | 150                         | 159  | -    | 157  | 169  | 178  | -    | 178  | 192  | 203  | -    | 203  | 218  | 231  | -    | 228  | 246   | 260  | -    | 252  | 272   | 287  | -    |      |      |
| LO PR   | 61      | 65                          | 71   | -    | 65   | 69   | 75   | -    | 67   | 72   | 78   | -    | 71   | 75   | 82   | -    | 74   | 79    | 86   | -    | 77   | 82    | 89   | -    |      |      |
| 75      | MBh     | 39.1                        | 40.2 | 43.5 | 46.7 | 38.2 | 39.3 | 42.5 | 45.6 | 37.3 | 38.4 | 41.5 | 44.6 | 36.3 | 37.4 | 40.5 | 43.5 | 34.5  | 35.6 | 38.5 | 41.3 | 32.0  | 32.9 | 35.6 | 38.3 |      |
|         | S/T     | 0.76                        | 0.68 | 0.52 | 0.33 | 0.79 | 0.71 | 0.53 | 0.34 | 0.81 | 0.72 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.36 | 0.87  | 0.78 | 0.59 | 0.38 | 0.87  | 0.78 | 0.59 | 0.38 |      |
|         | Delta T | 22                          | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 22    | 21   | 17   | 12   | 21    | 19   | 16   | 11   |      |
|         | 1225    | KW                          | 2.89 | 2.94 | 3.03 | 3.11 | 3.09 | 3.15 | 3.24 | 3.33 | 3.26 | 3.32 | 3.42 | 3.52 | 3.41 | 3.48 | 3.58 | 3.69  | 3.54 | 3.62 | 3.72 | 3.84  | 3.66 | 3.73 | 3.84 | 3.96 |
|         | AMPS    | 11.3                        | 11.6 | 11.9 | 12.4 | 12.2 | 12.5 | 12.9 | 13.4 | 13.3 | 13.6 | 14.0 | 14.6 | 14.2 | 14.5 | 15.0 | 15.6 | 15.1  | 15.5 | 16.0 | 16.6 | 16.0  | 16.4 | 17.0 | 17.6 |      |
|         | HI PR   | 136                         | 146  | 155  | 161  | 153  | 164  | 173  | 181  | 174  | 187  | 197  | 206  | 198  | 213  | 225  | 234  | 222   | 239  | 253  | 264  | 246   | 264  | 279  | 291  |      |
|         | LO PR   | 60                          | 64   | 69   | 74   | 63   | 67   | 73   | 78   | 66   | 70   | 76   | 81   | 69   | 73   | 80   | 85   | 72    | 77   | 84   | 89   | 75    | 80   | 87   | 92   |      |
|         | MBh     | 39.7                        | 40.8 | 44.2 | 47.4 | 38.7 | 39.9 | 43.2 | 46.3 | 37.8 | 38.9 | 42.2 | 45.2 | 36.9 | 38.0 | 41.1 | 44.1 | 35.1  | 36.1 | 39.1 | 41.9 | 32.5  | 33.4 | 36.2 | 38.8 |      |
|         | S/T     | 0.79                        | 0.71 | 0.53 | 0.34 | 0.82 | 0.73 | 0.55 | 0.36 | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.77 | 0.59 | 0.38 | 0.90  | 0.80 | 0.61 | 0.39 | 0.91  | 0.81 | 0.61 | 0.39 |      |
|         | Delta T | 22                          | 20   | 17   | 12   | 22   | 21   | 17   | 12   | 22   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 22    | 21   | 17   | 12   | 21    | 19   | 16   | 11   |      |
|         | 1300    | KW                          | 2.93 | 2.98 | 3.06 | 3.15 | 3.13 | 3.19 | 3.28 | 3.37 | 3.30 | 3.37 | 3.47 | 3.57 | 3.46 | 3.53 | 3.63 | 3.74  | 3.59 | 3.66 | 3.77 | 3.89  | 3.70 | 3.78 | 3.90 | 4.02 |
|         | AMPS    | 11.5                        | 11.7 | 12.1 | 12.6 | 12.4 | 12.7 | 13.1 | 13.6 | 13.5 | 13.8 | 14.3 | 14.8 | 14.4 | 14.8 | 15.3 | 15.8 | 15.3  | 15.7 | 16.2 | 16.9 | 16.3  | 16.7 | 17.2 | 17.9 |      |
| HI PR   | 138     | 149                         | 157  | 164  | 155  | 167  | 176  | 184  | 177  | 190  | 201  | 209  | 201  | 216  | 228  | 238  | 226  | 243   | 257  | 268  | 250  | 269   | 284  | 296  |      |      |
| 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   |      |      |
| 75      | MBh     | 41.1                        | 42.3 | 45.8 | 49.1 | 40.1 | 41.3 | 44.7 | 48.0 | 39.1 | 40.3 | 43.6 | 46.8 | 38.2 | 39.3 | 42.6 | 45.7 | 36.3  | 37.4 | 40.4 | 43.4 | 33.6  | 34.6 | 37.5 | 40.2 |      |
|         | S/T     | 0.84                        | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.89 | 0.80 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.96  | 0.85 | 0.65 | 0.42 | 0.96  | 0.86 | 0.65 | 0.42 |      |
|         | Delta T | 20                          | 19   | 15   | 10   | 20   | 19   | 15   | 11   | 20   | 19   | 15   | 11   | 21   | 19   | 15   | 11   | 20    | 19   | 15   | 11   | 19    | 17   | 14   | 10   |      |
|         | 1575    | KW                          | 2.97 | 3.02 | 3.11 | 3.20 | 3.17 | 3.23 | 3.33 | 3.42 | 3.35 | 3.42 | 3.52 | 3.62 | 3.51 | 3.58 | 3.69 | 3.80  | 3.64 | 3.72 | 3.83 | 3.95  | 3.76 | 3.84 | 3.96 | 4.08 |
|         | AMPS    | 11.7                        | 12.0 | 12.3 | 12.8 | 12.6 | 12.9 | 13.4 | 13.9 | 13.7 | 14.1 | 14.5 | 15.1 | 14.7 | 15.0 | 15.5 | 16.1 | 15.6  | 16.0 | 16.6 | 17.2 | 16.6  | 17.0 | 17.5 | 18.2 |      |
|         | HI PR   | 141                         | 152  | 160  | 167  | 158  | 170  | 180  | 188  | 180  | 194  | 205  | 213  | 205  | 221  | 233  | 243  | 231   | 248  | 262  | 273  | 255   | 274  | 290  | 302  |      |
| LO PR   | 62      | 66                          | 72   | 77   | 66   | 70   | 76   | 81   | 68   | 72   | 79   | 84   | 72   | 76   | 83   | 89   | 75   | 80    | 87   | 93   | 78   | 83    | 90   | 96   |      |      |

# EXPANDED COOLING DATA — G5C130421B\* / CA\*F3642\*6C\* (CONT.)

|      |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |       |      |      |      |    |
|------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|-------|------|------|------|----|
|      |         | 65°F                        |      |      |      |      | 75°F |      |      |      |      | 85°F |      |      |      |      | 95°F |      |      |      |      | 105°F |      |      |      |      | 115°F |      |      |      |    |
| IDB  | AIRFLOW | 59                          | 63   | 67   | 71   | 75   | 59   | 63   | 67   | 71   | 75   | 59   | 63   | 67   | 71   | 75   | 59   | 63   | 67   | 71   | 75   | 59    | 63   | 67   | 71   | 75   | 59    | 63   | 67   | 71   | 75 |
| 80   | MBh     | 39.8                        | 40.6 | 43.4 | 46.4 | 48.8 | 38.8 | 39.7 | 42.4 | 45.3 | 48.3 | 37.9 | 38.7 | 41.4 | 44.3 | 47.3 | 37.0 | 37.8 | 40.4 | 43.2 | 46.0 | 35.1  | 35.9 | 38.4 | 41.0 | 32.6 | 33.3  | 35.5 | 38.0 | 40.6 |    |
|      | S/T     | 0.84                        | 0.78 | 0.64 | 0.48 | 0.32 | 0.87 | 0.81 | 0.66 | 0.49 | 0.32 | 0.89 | 0.83 | 0.68 | 0.51 | 0.34 | 0.92 | 0.86 | 0.70 | 0.52 | 0.35 | 0.95  | 0.89 | 0.73 | 0.54 | 0.96 | 0.90  | 0.73 | 0.55 | 0.38 |    |
|      | ΔT      | 25                          | 24   | 21   | 17   | 13   | 25   | 24   | 21   | 17   | 13   | 25   | 24   | 21   | 17   | 13   | 25   | 24   | 21   | 17   | 13   | 25    | 24   | 21   | 17   | 23   | 22    | 20   | 16   | 12   |    |
|      | kW      | 2.91                        | 2.97 | 3.05 | 3.14 | 3.21 | 3.11 | 3.17 | 3.26 | 3.36 | 3.45 | 3.28 | 3.35 | 3.45 | 3.55 | 3.64 | 3.44 | 3.51 | 3.61 | 3.72 | 3.83 | 3.62  | 3.69 | 3.75 | 3.87 | 3.68 | 3.76  | 3.87 | 3.99 | 4.11 |    |
|      | Amps    | 11.4                        | 11.7 | 12.1 | 12.5 | 12.9 | 12.3 | 12.6 | 13.0 | 13.5 | 14.0 | 13.4 | 13.7 | 14.2 | 14.7 | 15.2 | 14.3 | 14.7 | 15.2 | 15.7 | 16.2 | 15.2  | 15.6 | 16.1 | 16.8 | 16.2 | 16.6  | 17.1 | 17.8 | 18.4 |    |
|      | HI PR   | 137                         | 148  | 156  | 163  | 170  | 154  | 166  | 175  | 183  | 192  | 175  | 189  | 199  | 208  | 217  | 200  | 215  | 227  | 237  | 247  | 225   | 242  | 255  | 266  | 248  | 267   | 282  | 294  | 308  |    |
|      | LO PR   | 60                          | 64   | 70   | 75   | 80   | 64   | 68   | 74   | 79   | 84   | 66   | 71   | 77   | 82   | 87   | 70   | 74   | 81   | 86   | 91   | 73    | 78   | 85   | 90   | 76   | 80    | 88   | 93   | 98   |    |
|      | MBh     | 40.4                        | 41.3 | 44.1 | 47.1 | 49.9 | 39.4 | 40.3 | 43.1 | 46.0 | 49.0 | 38.5 | 39.3 | 42.0 | 44.9 | 47.9 | 37.6 | 38.4 | 41.0 | 43.8 | 46.6 | 35.7  | 36.5 | 39.0 | 41.6 | 33.0 | 33.8  | 36.1 | 38.6 | 41.2 |    |
|      | S/T     | 0.87                        | 0.81 | 0.66 | 0.49 | 0.32 | 0.90 | 0.84 | 0.68 | 0.51 | 0.34 | 0.92 | 0.86 | 0.70 | 0.52 | 0.35 | 0.95 | 0.89 | 0.73 | 0.54 | 0.35 | 0.99  | 0.92 | 0.75 | 0.56 | 0.99 | 0.93  | 0.76 | 0.57 | 0.39 |    |
|      | ΔT      | 25                          | 24   | 21   | 16   | 12   | 25   | 24   | 21   | 17   | 13   | 25   | 24   | 21   | 17   | 13   | 25   | 24   | 21   | 17   | 13   | 25    | 24   | 21   | 17   | 23   | 22    | 19   | 15   | 11   |    |
|      | kW      | 2.95                        | 3.00 | 3.09 | 3.18 | 3.25 | 3.15 | 3.21 | 3.30 | 3.40 | 3.49 | 3.33 | 3.39 | 3.49 | 3.60 | 3.69 | 3.48 | 3.55 | 3.66 | 3.77 | 3.88 | 3.67  | 3.74 | 3.80 | 3.92 | 3.73 | 3.81  | 3.93 | 4.05 | 4.17 |    |
|      | Amps    | 11.6                        | 11.8 | 12.2 | 12.7 | 13.1 | 12.5 | 12.8 | 13.2 | 13.7 | 14.2 | 13.6 | 13.9 | 14.4 | 14.9 | 15.4 | 14.5 | 14.9 | 15.4 | 15.9 | 16.4 | 15.5  | 15.9 | 16.4 | 17.0 | 16.4 | 16.8  | 17.4 | 18.1 | 18.8 |    |
|      | HI PR   | 140                         | 150  | 159  | 166  | 174  | 157  | 169  | 178  | 186  | 194  | 178  | 192  | 203  | 211  | 219  | 203  | 219  | 231  | 241  | 251  | 228   | 246  | 260  | 271  | 252  | 272   | 287  | 299  | 313  |    |
|      | LO PR   | 61                          | 65   | 71   | 76   | 81   | 65   | 69   | 75   | 80   | 85   | 67   | 72   | 78   | 83   | 88   | 71   | 75   | 82   | 88   | 93   | 74    | 79   | 86   | 92   | 77   | 82    | 89   | 95   | 100  |    |
| 1575 | MBh     | 41.8                        | 42.7 | 45.6 | 48.8 | 51.9 | 40.8 | 41.7 | 44.6 | 47.6 | 50.7 | 39.8 | 40.7 | 43.5 | 46.5 | 49.6 | 38.9 | 39.7 | 42.4 | 45.4 | 48.4 | 36.9  | 37.7 | 40.3 | 43.1 | 34.2 | 35.0  | 37.3 | 39.9 | 42.5 |    |
|      | S/T     | 0.92                        | 0.86 | 0.70 | 0.53 | 0.36 | 0.95 | 0.89 | 0.73 | 0.54 | 0.37 | 1.00 | 0.92 | 0.75 | 0.56 | 0.39 | 1.00 | 0.95 | 0.77 | 0.58 | 0.40 | 1.00  | 0.90 | 0.70 | 0.50 | 1.00 | 1.00  | 0.81 | 0.60 | 0.40 |    |
|      | ΔT      | 22                          | 22   | 19   | 15   | 11   | 23   | 22   | 19   | 15   | 11   | 23   | 22   | 19   | 15   | 11   | 23   | 22   | 19   | 15   | 11   | 23    | 22   | 19   | 15   | 20   | 20    | 18   | 14   | 10   |    |
|      | kW      | 2.99                        | 3.05 | 3.13 | 3.22 | 3.30 | 3.19 | 3.26 | 3.35 | 3.45 | 3.54 | 3.38 | 3.44 | 3.54 | 3.65 | 3.74 | 3.54 | 3.61 | 3.72 | 3.83 | 3.94 | 3.67  | 3.75 | 3.86 | 3.98 | 3.79 | 3.87  | 3.99 | 4.11 | 4.23 |    |
|      | Amps    | 11.8                        | 12.1 | 12.5 | 12.9 | 13.3 | 12.7 | 13.1 | 13.5 | 14.0 | 14.5 | 13.9 | 14.2 | 14.7 | 15.2 | 15.7 | 14.8 | 15.2 | 15.7 | 16.3 | 16.8 | 15.8  | 16.2 | 16.7 | 17.3 | 16.7 | 17.1  | 17.7 | 18.4 | 19.1 |    |
|      | HI PR   | 143                         | 153  | 162  | 169  | 177  | 160  | 172  | 182  | 190  | 198  | 182  | 196  | 207  | 216  | 224  | 207  | 223  | 235  | 246  | 257  | 233   | 251  | 265  | 276  | 258  | 277   | 293  | 305  | 317  |    |
|      | LO PR   | 63                          | 67   | 73   | 78   | 83   | 66   | 70   | 77   | 82   | 87   | 69   | 73   | 80   | 85   | 90   | 72   | 77   | 84   | 89   | 94   | 76    | 81   | 88   | 94   | 78   | 83    | 91   | 97   | 102  |    |
| 85   | MBh     | 40.5                        | 41.2 | 43.2 | 46.1 | 49.0 | 39.5 | 40.3 | 42.2 | 45.0 | 47.9 | 38.6 | 39.3 | 41.2 | 43.9 | 46.8 | 37.6 | 38.4 | 40.2 | 42.9 | 45.6 | 35.8  | 36.4 | 38.2 | 40.7 | 33.1 | 33.8  | 35.4 | 37.7 | 40.0 |    |
|      | S/T     | 0.88                        | 0.84 | 0.76 | 0.62 | 0.47 | 0.91 | 0.88 | 0.79 | 0.64 | 0.49 | 0.93 | 0.90 | 0.81 | 0.66 | 0.51 | 0.96 | 0.93 | 0.84 | 0.68 | 0.53 | 1.00  | 0.96 | 0.87 | 0.70 | 1.00 | 0.97  | 0.88 | 0.71 | 0.54 |    |
|      | ΔT      | 27                          | 26   | 25   | 21   | 17   | 27   | 26   | 25   | 22   | 18   | 27   | 26   | 25   | 22   | 18   | 27   | 27   | 25   | 22   | 19   | 27    | 26   | 25   | 22   | 25   | 25    | 23   | 20   | 16   |    |
|      | kW      | 2.93                        | 2.99 | 3.07 | 3.16 | 3.24 | 3.13 | 3.19 | 3.28 | 3.38 | 3.47 | 3.31 | 3.37 | 3.47 | 3.58 | 3.67 | 3.47 | 3.53 | 3.64 | 3.75 | 3.86 | 3.60  | 3.67 | 3.78 | 3.90 | 3.71 | 3.79  | 3.90 | 4.03 | 4.15 |    |
|      | Amps    | 11.5                        | 11.8 | 12.2 | 12.6 | 13.0 | 12.4 | 12.7 | 13.2 | 13.6 | 14.1 | 13.5 | 13.8 | 14.3 | 14.8 | 15.3 | 14.4 | 14.8 | 15.3 | 15.9 | 16.4 | 15.4  | 15.8 | 16.3 | 16.9 | 16.3 | 16.7  | 17.3 | 17.9 | 18.5 |    |
|      | HI PR   | 139                         | 149  | 158  | 164  | 172  | 156  | 168  | 177  | 185  | 193  | 177  | 191  | 201  | 210  | 219  | 202  | 217  | 229  | 239  | 249  | 227   | 244  | 258  | 269  | 251  | 270   | 285  | 297  | 309  |    |
|      | LO PR   | 61                          | 65   | 71   | 75   | 80   | 64   | 69   | 75   | 80   | 85   | 67   | 71   | 78   | 83   | 88   | 70   | 75   | 82   | 87   | 92   | 74    | 78   | 86   | 91   | 76   | 81    | 89   | 94   | 99   |    |
|      | MBh     | 41.1                        | 41.9 | 43.9 | 46.8 | 49.7 | 40.1 | 40.9 | 42.8 | 45.7 | 48.6 | 39.2 | 39.9 | 41.8 | 44.6 | 47.5 | 38.2 | 39.0 | 40.8 | 43.5 | 46.3 | 36.3  | 37.0 | 38.8 | 41.3 | 33.6 | 34.3  | 35.9 | 38.3 | 40.6 |    |
|      | S/T     | 0.91                        | 0.88 | 0.79 | 0.64 | 0.49 | 0.94 | 0.91 | 0.82 | 0.66 | 0.51 | 0.96 | 0.93 | 0.84 | 0.68 | 0.53 | 1.00 | 0.96 | 0.87 | 0.70 | 0.55 | 1.00  | 0.90 | 0.73 | 1.00 | 1.00 | 0.91  | 0.74 | 0.57 |      |    |
|      | ΔT      | 26                          | 26   | 25   | 21   | 17   | 27   | 26   | 25   | 21   | 17   | 27   | 26   | 25   | 22   | 18   | 27   | 26   | 25   | 22   | 19   | 27    | 26   | 25   | 21   | 24   | 24    | 23   | 20   | 16   |    |
|      | kW      | 2.97                        | 3.02 | 3.11 | 3.20 | 3.28 | 3.17 | 3.23 | 3.33 | 3.42 | 3.51 | 3.35 | 3.42 | 3.52 | 3.62 | 3.71 | 3.51 | 3.58 | 3.69 | 3.80 | 3.91 | 3.64  | 3.72 | 3.83 | 3.95 | 3.76 | 3.84  | 3.96 | 4.08 | 4.20 |    |
|      | Amps    | 11.7                        | 12.0 | 12.4 | 12.8 | 13.2 | 12.6 | 12.9 | 13.4 | 13.9 | 14.4 | 13.8 | 14.1 | 14.5 | 15.0 | 15.5 | 14.7 | 15.0 | 15.5 | 16.1 | 16.6 | 15.6  | 16.0 | 16.6 | 17.2 | 16.6 | 17.0  | 17.6 | 18.2 | 18.8 |    |
|      | HI PR   | 141                         | 152  | 160  | 167  | 175  | 158  | 170  | 180  | 188  | 196  | 180  | 194  | 205  | 213  | 221  | 205  | 221  | 233  | 243  | 253  | 231   | 248  | 262  | 274  | 255  | 274   | 290  | 302  | 314  |    |
|      | LO PR   | 62                          | 66   | 72   | 77   | 82   | 66   | 70   | 76   | 81   | 86   | 68   | 72   | 79   | 84   | 89   | 72   | 76   | 83   | 89   | 94   | 75    | 80   | 87   | 93   | 78   | 83    | 90   | 96   | 101  |    |
| 1575 | MBh     | 42.5                        | 43.3 | 45.4 | 48.4 | 51.4 | 41.5 | 42.3 | 44.3 | 47.3 | 50.3 | 40.5 | 41.3 | 43.3 | 46.2 | 49.2 | 39.5 | 40.3 | 42.2 | 45.0 | 47.9 | 37.6  | 38.3 | 40.1 | 42.8 | 34.8 | 35.5  | 37.2 | 39.6 | 42.0 |    |
|      | S/T     | 0.96                        | 0.93 | 0.84 | 0.68 | 0.51 | 1.00 | 0.96 | 0.87 | 0.71 | 0.54 | 1.00 | 0.99 | 0.89 | 0.72 | 0.55 | 1.00 | 1.00 | 0.92 | 0.75 | 0.58 | 1.00  | 0.90 | 0.78 | 1.00 | 1.00 | 0.96  | 0.78 | 0.61 | 0.44 |    |
|      | ΔT      | 24                          | 24   | 22   | 19   | 15   | 24   | 24   | 23   | 20   | 16   | 24   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 12   | 22    | 22   | 22   | 19   | 20   | 21    | 21   | 18   | 14   |    |
|      | kW      | 3.01                        | 3.07 | 3.15 | 3.25 | 3.34 | 3.22 | 3.28 | 3.38 | 3.48 | 3.57 | 3.40 | 3.47 | 3.57 | 3.68 | 3.78 | 3.56 | 3.63 | 3.74 | 3.86 | 3.97 | 3.70  | 3.78 | 3.89 | 4.01 | 3.82 | 3.90  | 4.02 | 4.14 | 4.26 |    |
|      | Amps    | 11.9                        | 12.2 | 12.6 | 13.0 | 13.4 | 12.9 | 13.2 | 13.6 | 14.1 | 14.6 | 14.0 | 14.3 | 14.8 | 15.4 | 15.9 | 14.9 | 15.3 | 15.8 | 16.4 | 16.9 | 15.9  | 16.3 | 16.9 | 17.5 | 16.9 | 17.3  | 17.9 | 18.6 | 19.3 |    |
|      | HI PR   | 144                         | 155  | 164  | 171  | 179  | 162  | 174  | 184  | 191  | 198  | 184  | 198  | 209  | 218  | 227  | 209  | 225  | 238  | 248  | 258  | 235   | 253  | 267  | 279  | 260  | 280   | 296  | 308  | 320  |    |
|      | LO PR   | 63                          | 67   | 74   | 78   | 83   | 67   | 71   | 78   | 83   | 88   | 69   | 74   | 81   | 86   | 91   | 73   | 78   | 85   | 90   | 95   | 77    | 81   | 89   | 95   | 79   | 84    | 92   | 98   | 103  |    |

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

Shaded area reflects Test A rating conditions per AHRI 210/240

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

# EXPANDED COOLING DATA — G5C130481B\* / CA\*F4860\*6B\*

|       |         | 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     | 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    | 11.7                        | 11.9 | 12.3 | -    | 12.6 | 12.9 | 13.4 | -    | 13.7 | 14.1 | 14.5 | -    | 14.7 | 15.0 | 15.5 | -    | 15.6  | 16.0 | 16.6 | -    | 16.6  | 17.0 | 17.6 | -    |      |
|       | 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   | -    |      |
|       | 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  | 11.9    | 12.1                        | 12.5 | -    | 12.8 | 13.1 | 13.6 | -    | 13.9 | 14.3 | 14.8 | -    | 14.9 | 15.3 | 15.8 | -    | 15.9 | 16.3  | 16.8 | -    | 16.8 | 17.3  | 17.8 | -    |      |      |
| 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    | 12.0                        | 12.2 | 12.7 | -    | 12.9 | 13.3 | 13.7 | -    | 14.1 | 14.4 | 14.9 | -    | 15.1 | 15.4 | 15.9 | -    | 16.0  | 16.4 | 17.0 | -    | 17.0  | 17.4 | 18.0 | -    |      |
|       | 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   |
|       |         | 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  |         | 11.8                        | 12.1 | 12.5 | 12.9 | 12.7 | 13.0 | 13.5 | 14.0 | 13.9 | 14.2 | 14.7 | 15.2 | 14.8 | 15.2 | 15.7 | 16.3 | 15.8  | 16.2 | 16.7 | 17.4 | 16.7  | 17.1 | 17.7 | 18.4 |      |
| 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 |      |
| Amps  | 12.0    | 12.3                        | 12.7 | 13.1 | 12.9 | 13.3 | 13.7 | 14.2 | 14.1 | 14.4 | 14.9 | 15.5 | 15.1 | 15.4 | 15.9 | 16.6 | 16.0 | 16.4  | 17.0 | 17.6 | 17.0 | 17.4  | 18.0 | 18.7 |      |      |
| 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   |      |      |
| 1800  | 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    | 12.1                        | 12.4 | 12.8 | 13.3 | 13.1 | 13.4 | 13.8 | 14.3 | 14.2 | 14.6 | 15.0 | 15.6 | 15.2 | 15.6 | 16.1 | 16.7 | 16.2  | 16.6 | 17.2 | 17.8 | 17.2  | 17.6 | 18.2 | 18.9 |      |
|       | 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 — G5C130481B\* / CA\*F4860\*6B\* (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     | 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 |
|      | 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 |
|      | 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   |
|      | 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 |
|      | Amps    | 11.9                        | 12.2 | 12.6 | 13.0 | 12.9 | 13.2 | 13.6 | 14.1 | 14.0 | 14.3 | 14.8 | 15.4 | 15.0 | 15.3 | 15.8 | 16.5 | 15.9  | 16.3 | 16.9 | 17.5 | 16.9  | 17.3 | 17.9 | 18.6 |
|      | 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  |
|      | 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   |
|      | 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 |
|      | 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 |
|      | 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   |
|      | 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 |
| 1550 | Amps    | 12.1                        | 12.4 | 12.8 | 13.3 | 13.1 | 13.4 | 13.8 | 14.4 | 14.2 | 14.6 | 15.0 | 15.6 | 15.2 | 15.6 | 16.1 | 16.7 | 16.2  | 16.6 | 17.2 | 17.8 | 17.2  | 17.6 | 18.2 | 18.9 |
|      | 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  |
|      | 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   |
|      | 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 |
|      | 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 |
|      | 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   |
|      | 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    | 12.2                        | 12.5 | 12.9 | 13.4 | 13.2 | 13.5 | 14.0 | 14.5 | 14.3 | 14.7 | 15.2 | 15.8 | 15.3 | 15.7 | 16.3 | 16.9 | 16.3  | 16.7 | 17.3 | 18.0 | 17.3  | 17.8 | 18.4 | 19.1 |
|      | 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   |
| 85   | 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    | 12.0                        | 12.3 | 12.7 | 13.2 | 13.0 | 13.3 | 13.7 | 14.3 | 14.1 | 14.5 | 14.9 | 15.5 | 15.1 | 15.5 | 16.0 | 16.6 | 16.1  | 16.5 | 17.0 | 17.7 | 17.0  | 17.5 | 18.1 | 18.8 |
|      | 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   |
|      | 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    | 12.2                        | 12.5 | 12.9 | 13.4 | 13.2 | 13.5 | 14.0 | 14.5 | 14.3 | 14.7 | 15.2 | 15.8 | 15.3 | 15.7 | 16.3 | 16.9 | 16.3  | 16.7 | 17.3 | 18.0 | 17.3  | 17.8 | 18.4 | 19.1 |
|      | 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    | 12.3                        | 12.6 | 13.0 | 13.5 | 13.3 | 13.6 | 14.1 | 14.6 | 14.5 | 14.8 | 15.3 | 15.9 | 15.5 | 15.9 | 16.4 | 17.0 | 16.5  | 16.9 | 17.5 | 18.2 | 17.5  | 17.9 | 18.5 | 19.3 |
|      | 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  |

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

Shaded area reflects Test A rating conditions per AHRI 210/240

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

# EXPANDED COOLING DATA — GSC130601C\* / CAUF4860C6A

|      |         | 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   | 1913    | MBh                                  | 54.9 | 56.9 | 62.3 | -    | 53.6 | 55.6 | 60.9 | -    | 52.3 | 54.2 | 59.4 | -    | 51.0 | 52.9 | 58.0 | -     | 48.5 | 50.3 | 55.1 | -     | 44.9 | 46.6 | 51.0 | - |
|      |         | S/T                                  | 0.72 | 0.60 | 0.42 | -    | 0.75 | 0.62 | 0.43 | -    | 0.77 | 0.64 | 0.44 | -    | 0.79 | 0.66 | 0.46 | -     | 0.82 | 0.68 | 0.47 | -     | 0.83 | 0.69 | 0.48 | - |
|      |         | ΔT                                   | 19   | 16   | 12   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -     | 19   | 17   | 13   | -     | 18   | 15   | 12   | - |
|      |         | kW                                   | 3.96 | 4.03 | 4.14 | -    | 4.23 | 4.31 | 4.43 | -    | 4.47 | 4.56 | 4.69 | -    | 4.68 | 4.77 | 4.92 | -     | 4.86 | 4.96 | 5.11 | -     | 5.01 | 5.12 | 5.27 | - |
|      |         | 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 | - |
|      |         | Hi PR                                | 146  | 157  | 166  | -    | 163  | 176  | 186  | -    | 186  | 200  | 211  | -    | 212  | 228  | 241  | -     | 238  | 256  | 271  | -     | 263  | 283  | 299  | - |
|      |         | Lo PR                                | 59   | 63   | 69   | -    | 63   | 67   | 73   | -    | 65   | 69   | 76   | -    | 69   | 73   | 80   | -     | 72   | 76   | 83   | -     | 74   | 79   | 86   | - |
|      |         | MBh                                  | 53.3 | 55.2 | 60.5 | -    | 52.0 | 53.9 | 59.1 | -    | 50.8 | 52.7 | 57.7 | -    | 49.6 | 51.4 | 56.3 | -     | 47.1 | 48.8 | 53.5 | -     | 43.6 | 45.2 | 49.5 | - |
|      |         | 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                                   | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -     | 20   | 17   | 13   | -     | 19   | 16   | 12   | - |
|      |         | kW                                   | 3.93 | 4.00 | 4.11 | -    | 4.20 | 4.28 | 4.40 | -    | 4.43 | 4.52 | 4.66 | -    | 4.64 | 4.74 | 4.88 | -     | 4.82 | 4.92 | 5.07 | -     | 4.98 | 5.08 | 5.23 | - |
| 1488 | 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 | -    |   |
|      | Hi PR   | 144                                  | 155  | 164  | -    | 162  | 174  | 184  | -    | 184  | 198  | 209  | -    | 210  | 226  | 238  | -    | 236   | 254  | 268  | -    | 261   | 280  | 296  | -    |   |
|      | Lo PR   | 59                                   | 63   | 68   | -    | 62   | 66   | 72   | -    | 65   | 69   | 75   | -    | 68   | 72   | 79   | -    | 71    | 76   | 83   | -    | 74    | 78   | 85   | -    |   |
|      | MBh     | 49.2                                 | 51.0 | 55.8 | -    | 48.0 | 49.8 | 54.5 | -    | 46.9 | 48.6 | 53.2 | -    | 45.7 | 47.4 | 51.9 | -    | 43.5  | 45.0 | 49.3 | -    | 40.3  | 41.7 | 45.7 | -    |   |
|      | S/T     | 0.66                                 | 0.55 | 0.38 | -    | 0.69 | 0.57 | 0.40 | -    | 0.70 | 0.59 | 0.41 | -    | 0.73 | 0.61 | 0.42 | -    | 0.75  | 0.63 | 0.44 | -    | 0.76  | 0.64 | 0.44 | -    |   |
|      | ΔT      | 20                                   | 17   | 13   | -    | 20   | 18   | 13   | -    | 20   | 18   | 13   | -    | 21   | 18   | 13   | -    | 20    | 18   | 13   | -    | 19    | 16   | 12   | -    |   |
|      | kW      | 3.84                                 | 3.92 | 4.03 | -    | 4.11 | 4.18 | 4.30 | -    | 4.34 | 4.42 | 4.55 | -    | 4.54 | 4.63 | 4.77 | -    | 4.71  | 4.81 | 4.95 | -    | 4.86  | 4.96 | 5.11 | -    |   |
|      | 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 | -    |   |
|      | Hi PR   | 140                                  | 151  | 159  | -    | 157  | 169  | 178  | -    | 179  | 192  | 203  | -    | 203  | 219  | 231  | -    | 229   | 246  | 260  | -    | 253   | 272  | 287  | -    |   |
|      | Lo PR   | 57                                   | 61   | 66   | -    | 60   | 64   | 70   | -    | 63   | 67   | 73   | -    | 66   | 70   | 76   | -    | 69    | 73   | 80   | -    | 71    | 76   | 83   | -    |   |

|      |      |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75   | 1913 | MBh   | 55.8 | 57.5 | 62.2 | 66.7 | 54.5 | 56.1 | 60.7 | 65.2 | 53.2 | 54.8 | 59.3 | 63.6 | 51.9 | 53.4 | 57.9 | 62.1 | 49.3 | 50.8 | 55.0 | 59.0 | 45.7 | 47.0 | 50.9 | 54.6 |
|      |      | S/T   | 0.82 | 0.73 | 0.55 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.41 | 0.94 | 0.84 | 0.64 | 0.41 |
|      |      | ΔT    | 22   | 20   | 17   | 11   | 22   | 20   | 17   | 12   | 22   | 20   | 17   | 12   | 22   | 21   | 17   | 12   | 22   | 20   | 17   | 12   | 21   | 19   | 16   | 11   |
|      |      | kW    | 3.98 | 4.06 | 4.18 | 4.30 | 4.26 | 4.34 | 4.47 | 4.60 | 4.50 | 4.59 | 4.73 | 4.87 | 4.72 | 4.81 | 4.95 | 5.11 | 4.90 | 5.00 | 5.15 | 5.31 | 5.05 | 5.16 | 5.32 | 5.48 |
|      |      | 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   | 54.2 | 55.8 | 60.4 | 64.8 | 52.9 | 54.5 | 59.0 | 63.3 | 51.7 | 53.2 | 57.6 | 61.8 | 50.4 | 51.9 | 56.2 | 60.3 | 47.9 | 49.3 | 53.4 | 57.3 | 44.4 | 45.7 | 49.4 | 53.0 |
|      |      | S/T   | 0.78 | 0.70 | 0.53 | 0.34 | 0.81 | 0.72 | 0.55 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.80 | 0.60 | 0.39 | 0.90 | 0.80 | 0.61 | 0.39 |
|      |      | ΔT    | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 18   | 12   | 23   | 21   | 17   | 12   | 22   | 20   | 16   | 11   |
|      |      | kW    | 3.96 | 4.03 | 4.15 | 4.26 | 4.23 | 4.31 | 4.44 | 4.57 | 4.47 | 4.56 | 4.69 | 4.83 | 4.68 | 4.77 | 4.92 | 5.07 | 4.86 | 4.96 | 5.11 | 5.27 | 5.02 | 5.12 | 5.27 | 5.44 |
| 1488 |      | 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   | 50.0 | 51.5 | 55.7 | 59.8 | 48.8 | 50.3 | 54.4 | 58.4 | 47.7 | 49.1 | 53.1 | 57.0 | 46.5 | 47.9 | 51.8 | 55.6 | 44.2 | 45.5 | 49.3 | 52.9 | 40.9 | 42.1 | 45.6 | 49.0 |
|      |      | S/T   | 0.75 | 0.67 | 0.51 | 0.33 | 0.78 | 0.70 | 0.53 | 0.34 | 0.80 | 0.72 | 0.54 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.86 | 0.77 | 0.59 | 0.38 |
|      |      | ΔT    | 23   | 21   | 18   | 12   | 24   | 22   | 18   | 12   | 24   | 22   | 18   | 12   | 24   | 22   | 18   | 12   | 24   | 22   | 18   | 12   | 22   | 20   | 16   | 11   |
|      |      | kW    | 3.87 | 3.94 | 4.06 | 4.17 | 4.14 | 4.22 | 4.34 | 4.46 | 4.37 | 4.45 | 4.58 | 4.72 | 4.57 | 4.67 | 4.80 | 4.95 | 4.75 | 4.84 | 4.99 | 5.14 | 4.90 | 5.00 | 5.15 | 5.31 |
|      |      | 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   |

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 — GSC130601C\* / CAUF4860C6A (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    | 1913    | MBh                         | 56.8 | 58.0 | 62.0 | 66.3 | 55.5 | 56.7 | 60.6 | 64.7 | 54.2 | 55.3 | 59.1 | 63.2 | 52.8 | 54.0 | 57.7 | 61.7  | 50.2 | 51.3 | 54.8 | 58.6  | 46.5 | 47.5 | 50.8 | 54.3 |
|       |         | S/T                         | 0.90 | 0.84 | 0.69 | 0.51 | 0.93 | 0.87 | 0.71 | 0.53 | 0.95 | 0.89 | 0.73 | 0.54 | 1.00 | 0.92 | 0.75 | 0.56  | 1.00 | 0.96 | 0.78 | 0.58  | 1.00 | 0.97 | 0.79 | 0.59 |
|       |         | ΔT                          | 25   | 23   | 20   | 16   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17    | 24   | 24   | 21   | 16    | 22   | 22   | 19   | 15   |
|       |         | kW                          | 4.01 | 4.09 | 4.21 | 4.33 | 4.29 | 4.37 | 4.50 | 4.64 | 4.54 | 4.63 | 4.76 | 4.91 | 4.75 | 4.85 | 4.99 | 5.15  | 4.93 | 5.04 | 5.19 | 5.35  | 5.09 | 5.20 | 5.36 | 5.53 |
|       |         | 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 |
|       | 1700    | 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                         | 55.1 | 56.3 | 60.2 | 64.4 | 53.9 | 55.0 | 58.8 | 62.9 | 52.6 | 53.7 | 57.4 | 61.4 | 51.3 | 52.4 | 56.0 | 59.9  | 48.7 | 49.8 | 53.2 | 56.9  | 45.1 | 46.1 | 49.3 | 52.7 |
|       |         | 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 |
|       |         | ΔT                          | 26   | 24   | 21   | 17   | 26   | 25   | 22   | 17   | 26   | 25   | 22   | 17   | 26   | 25   | 22   | 17    | 26   | 25   | 21   | 17    | 24   | 23   | 20   | 16   |
| 1488  | 1700    | kW                          | 3.98 | 4.06 | 4.18 | 4.30 | 4.26 | 4.34 | 4.47 | 4.60 | 4.50 | 4.59 | 4.73 | 4.87 | 4.72 | 4.81 | 4.96 | 5.11  | 4.90 | 5.00 | 5.15 | 5.31  | 5.05 | 5.16 | 5.32 | 5.48 |
|       |         | 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                         | 50.9 | 52.0 | 55.6 | 59.4 | 49.7 | 50.8 | 54.3 | 58.0 | 48.5 | 49.6 | 53.0 | 56.6 | 47.3 | 48.4 | 51.7 | 55.3  | 45.0 | 46.0 | 49.1 | 52.5  | 41.7 | 42.6 | 45.5 | 48.6 |
|       | 1488    | S/T                         | 0.83 | 0.77 | 0.63 | 0.47 | 0.86 | 0.80 | 0.65 | 0.49 | 0.88 | 0.82 | 0.67 | 0.50 | 0.91 | 0.85 | 0.69 | 0.52  | 0.94 | 0.88 | 0.72 | 0.54  | 0.95 | 0.89 | 0.72 | 0.54 |
|       |         | ΔT                          | 26   | 25   | 22   | 17   | 26   | 25   | 22   | 18   | 26   | 25   | 22   | 18   | 27   | 25   | 22   | 18    | 26   | 25   | 22   | 17    | 24   | 23   | 20   | 16   |
|       |         | kW                          | 3.90 | 3.97 | 4.08 | 4.20 | 4.17 | 4.25 | 4.37 | 4.50 | 4.40 | 4.49 | 4.62 | 4.76 | 4.61 | 4.70 | 4.84 | 4.99  | 4.78 | 4.88 | 5.03 | 5.18  | 4.94 | 5.04 | 5.19 | 5.35 |
|       |         | 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   | 57.8 | 58.9 | 61.7 | 65.8 | 56.4 | 57.5 | 60.3 | 64.3 | 55.1 | 56.2 | 58.8 | 62.8 | 53.8 | 54.8 | 57.4 | 61.2 | 51.1 | 52.1 | 54.5 | 58.2 | 47.3 | 48.2 | 50.5 | 53.9 |
|       | S/T   | 0.94 | 0.91 | 0.82 | 0.67 | 0.98 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.76 | 1.00 | 1.00 | 0.94 | 0.76 |
|       | ΔT    | 26   | 26   | 24   | 21   | 26   | 26   | 25   | 21   | 26   | 26   | 25   | 21   | 26   | 26   | 25   | 21   | 25   | 25   | 24   | 21   | 23   | 23   | 20   |      |
|       | kW    | 4.04 | 4.12 | 4.24 | 4.36 | 4.32 | 4.41 | 4.53 | 4.67 | 4.57 | 4.66 | 4.80 | 4.94 | 4.79 | 4.88 | 5.03 | 5.19 | 4.97 | 5.07 | 5.23 | 5.39 | 5.13 | 5.24 | 5.40 | 5.57 |
|       | 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   | 56.1 | 57.2 | 59.9 | 63.9 | 54.8 | 55.9 | 58.5 | 62.4 | 53.5 | 54.5 | 57.1 | 60.9 | 52.2 | 53.2 | 55.7 | 59.4 | 49.6 | 50.5 | 52.9 | 56.5 | 45.9 | 46.8 | 49.0 | 52.3 |
|       | 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    | 27   | 27   | 25   | 22   | 28   | 27   | 26   | 22   | 28   | 27   | 26   | 22   | 28   | 27   | 26   | 22   | 27   | 27   | 25   | 22   | 25   | 25   | 24   | 21   |
| 1700  | kW    | 4.01 | 4.09 | 4.21 | 4.33 | 4.29 | 4.37 | 4.50 | 4.64 | 4.54 | 4.63 | 4.76 | 4.91 | 4.75 | 4.85 | 4.99 | 5.15 | 4.93 | 5.04 | 5.19 | 5.35 | 5.09 | 5.20 | 5.36 | 5.53 |
|       | 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   | 51.8 | 52.8 | 55.3 | 59.0 | 50.6 | 51.6 | 54.0 | 57.6 | 49.4 | 50.3 | 52.7 | 56.2 | 48.2 | 49.1 | 51.4 | 54.9 | 45.8 | 46.7 | 48.9 | 52.1 | 42.4 | 43.2 | 45.3 | 48.3 |
|       | S/T   | 0.87 | 0.84 | 0.75 | 0.61 | 0.90 | 0.87 | 0.78 | 0.63 | 0.92 | 0.89 | 0.80 | 0.65 | 0.95 | 0.92 | 0.83 | 0.67 | 0.99 | 0.95 | 0.86 | 0.70 | 0.99 | 0.96 | 0.87 | 0.70 |
|       | ΔT    | 28   | 27   | 26   | 22   | 28   | 28   | 26   | 23   | 28   | 28   | 26   | 23   | 28   | 28   | 26   | 23   | 28   | 27   | 26   | 22   | 26   | 26   | 24   | 21   |
|       | kW    | 3.93 | 4.00 | 4.11 | 4.23 | 4.20 | 4.28 | 4.40 | 4.53 | 4.43 | 4.52 | 4.65 | 4.79 | 4.64 | 4.74 | 4.88 | 5.03 | 4.82 | 4.92 | 5.07 | 5.22 | 4.97 | 5.08 | 5.23 | 5.40 |
|       | 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 Test A rating conditions per AHRI 210/240  
 Amps = outdoor unit amps (comp.+fan)  
 kW = Total system power

## PERFORMANCE RATINGS

| OUTDOOR UNIT | INDOOR UNITS        |                  | COOLING CAPACITY (BTU/H) |          |                   |                  |
|--------------|---------------------|------------------|--------------------------|----------|-------------------|------------------|
|              | COIL & AIR HANDLERS | FURNACE / BLOWER | TOTAL                    | SENSIBLE | SEER <sup>1</sup> | EER <sup>2</sup> |
| GSC130181**  | CA*F1824*6B*+EEP    |                  | 19,000                   | 13,700   | 13                | 11.5             |
| GSC130241**  | CA*F1824*6C*+EEP    |                  | 22,800                   | 16,530   | 13                | 11.5             |
| GSC130361**  | CA*F3636*6C*+EEP    |                  | 34,800                   | 24,240   | 13                | 11.5             |
| GSC130421**  | CA*F3642*6C*+EEP    |                  | 41,500                   | 29,800   | 13                | 11.2             |
| GSC130481**  | CA*F4860*6B*+EEP    |                  | 45,500                   | 34,300   | 13                | 11.3             |
| GSC130601**  | CA*F4961*6A*+EEP    |                  | 57,000                   | 40,300   | 13                | 11.5             |

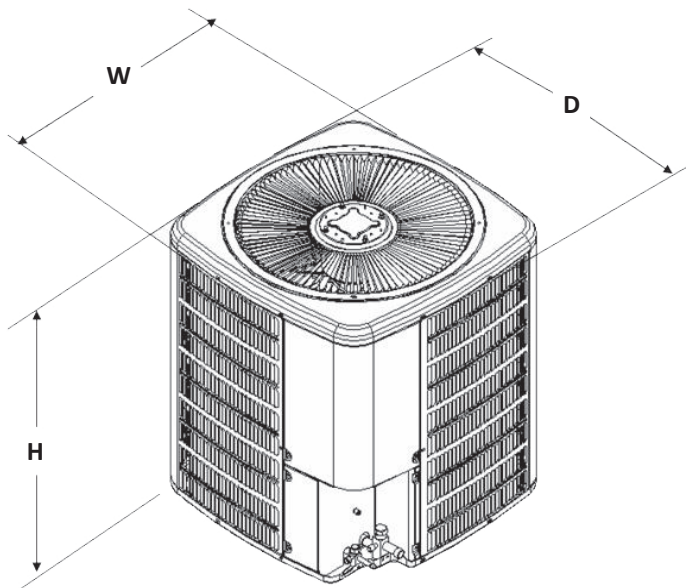
<sup>1</sup> Seasonal Energy Efficiency Ratio; tested and rated per AHRI 210/240

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

### NOTES:

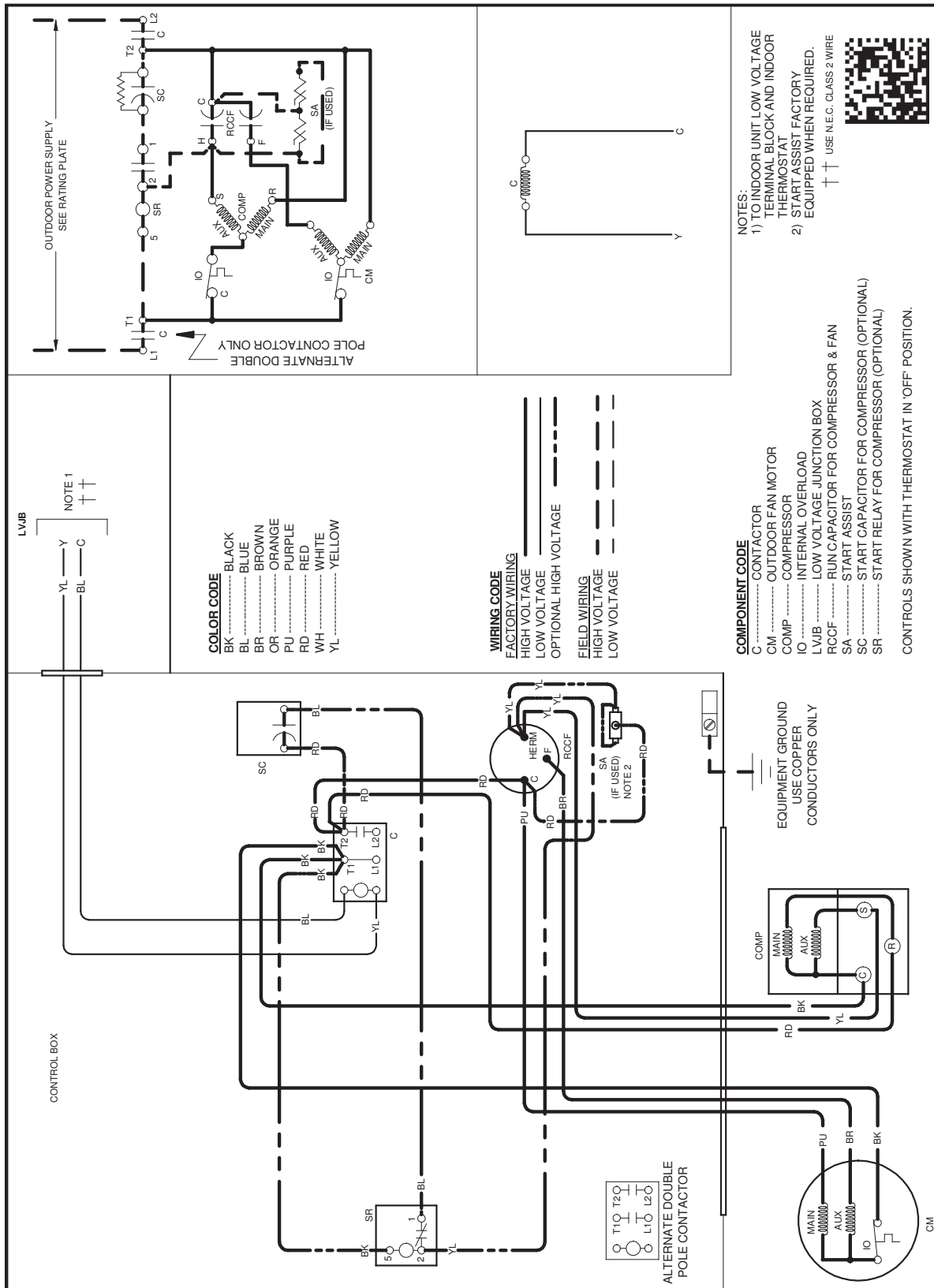
- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP: Order from Service Dept. Part No. B13707-38 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.

## DIMENSIONS



| MODEL       | DIMENSIONS |     |     |
|-------------|------------|-----|-----|
|             | W"         | D"  | H"  |
| GSC130181D* | 26         | 26  | 27½ |
| GSC130181F* | 23½        | 23½ | 25¾ |
| GSC130241E* | 26         | 26  | 27½ |
| GSC130241F* | 23½        | 23½ | 25¾ |
| GSC130301E* | 26         | 26  | 30¾ |
| GSC130361G* | 29         | 29  | 30¾ |
| GSC130421B* | 29         | 29  | 30¾ |
| GSC130481B* | 29         | 29  | 36¾ |
| GSC130601B* | 29         | 29  | 40  |

# WIRING DIAGRAM



## ACCESSORIES

| MODEL      | DESCRIPTION                           | GSC13<br>018** | GSC13<br>018F* | GSC13<br>024** | GSC13<br>024F* | GSC13<br>030** | GSC13<br>036** | GSC13<br>042** | GSC13<br>048** | GSC13<br>060** |
|------------|---------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| ABK-20     | Anchor Bracket Kit ▼                  | X              |                | X              |                | X              | X              | X              | X              | X              |
| ABK-21     | Anchor Bracket Kit ▼                  |                | X              |                | X              |                |                |                |                |                |
| ASC-01     | Anti-Short Cycle Kit                  | X              | X              | X              | X              | X              | X              | X              | X              | X              |
| CSR-U-1    | Hard-start Kit                        | X              | X              | X              | X              | X              | X              |                |                |                |
| CSR-U-2    | Hard-start Kit                        |                |                |                |                |                | X              | X              | X              | X              |
| CSR-U-3    | Hard-start Kit                        |                |                |                |                |                |                |                | X              | X              |
| FSK01A     | Freeze Protection Kit <sup>1</sup>    | X              | X              | X              | X              | X              | X              | X              | X              | X              |
| LSK01A     | Liquid Line Solenoid Kit <sup>2</sup> | X              | X              | X              | X              | X              | X              | X              | X              | X              |
| 0263M00019 | Crankcase Heater                      | X              | X              |                |                |                |                |                |                |                |
| OT18-60A   | Outdoor Thermostat                    | X              | X              | X              | X              | X              | X              | X              | 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.