

*ENERGY-EFFICIENT  
SPLIT SYSTEM HEAT PUMP  
14.3 SEER2 & 7.5 HSPF2  
1½ TO 5 TONS*



**Contents**

Nomenclature..... 2  
 Product Specifications..... 3  
 Expanded Cooling Data..... 4  
 Expanded Heating Data..... 18  
 Performance Data ..... 20  
 Dimensions ..... 22  
 Wiring Diagram..... 23  
 Accessories ..... 25

**Standard Features**

- Energy-efficient compressor
- SmartShift® technology to ensure quiet reliable defrost
- Enhanced aluminum fin coil with 5 mm diameter copper tubes in 1.5- to 3.5-ton
- Single-speed PSC condenser fan motor
- Factory-installed bi-flow liquid-line filter drier
- Factory-installed suction-line accumulator
- Factory-installed compressor crankcase heater
- Factory-installed high-capacity muffler
- High- and low-pressure switches
- Service valves with sweat connections and easy access to gauge ports
- Fully charged for 15' of tubing length
- Contactor with lug connection
- Ground lug connection
- AHRI Certified; ETL Listed

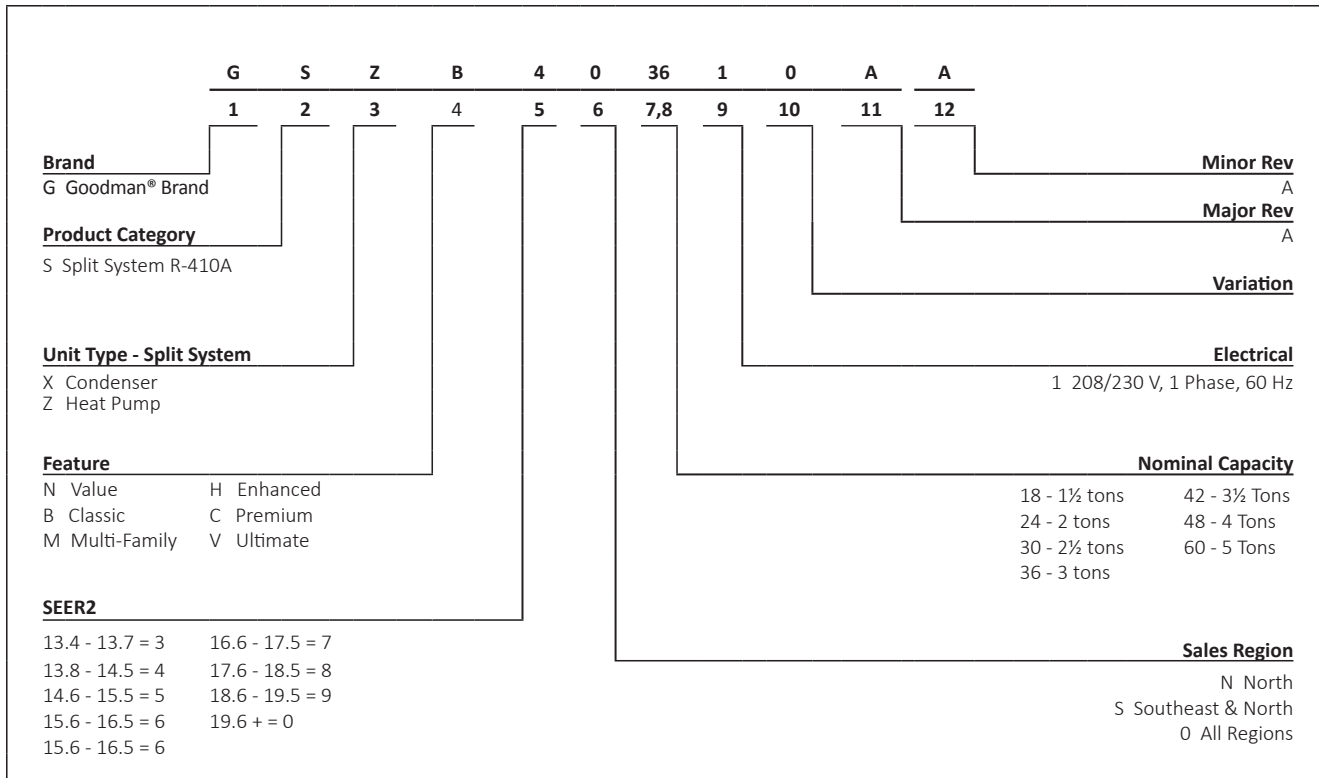
**Cabinet Features**

- Removable grille-style top design compliant with UL 60335-2-40
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Top and side maintenance access
- When properly anchored, meets the 2020 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



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

**NOMENCLATURE**



|  | GSZB4<br>01810A* | GSZB4<br>02410A* | GSZB4<br>03010A* | GSZB4<br>03610A* | GSZB4<br>04210A* | GSZB4<br>04810A* | GSZB4<br>06010A* |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>NOMINAL CAPACITIES</b>                |                  |                  |                  |                  |                  |                  |                  |
| Cooling (BTU/h)                          | 18,000           | 24,000           | 30,000           | 36,000           | 42,000           | 48,000           | 60,000           |
| Heating (BTU/h)                          | 18,000           | 24,000           | 30,000           | 36,000           | 42,000           | 48,000           | 60,000           |
| Decibels                                 | 70               | 74               | 75               | 72               | 75               | 74               | 75               |
| <b>COMPRESSOR</b>                        |                  |                  |                  |                  |                  |                  |                  |
| RLA                                      | 6.1              | 8.4              | 14.1             | 16.0             | 17.7             | 19.9             | 25.6             |
| LRA                                      | 35.1             | 41.2             | 67.9             | 91.9             | 110.2            | 110.0            | 150.0            |
| Stage                                    | Single           | Single           | Single           | Single           | Single           | Single           | Single           |
| Type                                     | Rotary           | Rotary           | Scroll           | Scroll           | Scroll           | Scroll           | Scroll           |
| <b>CONDENSER FAN MOTOR</b>               |                  |                  |                  |                  |                  |                  |                  |
| Motor Type                               | PSC              | PSC              | PSC              | PSC              | PSC              | PSC              | PSC              |
| Horsepower                               | 1/6              | 1/6              | 1/6              | 1/6              | 1/4              | 1/4              | 1/4              |
| FLA                                      | 0.95             | 0.95             | 0.95             | 0.97             | 1.3              | 1.3              | 1.3              |
| <b>REFRIGERATION SYSTEM</b>              |                  |                  |                  |                  |                  |                  |                  |
| Refrigerant Line Size <sup>1</sup>       |                  |                  |                  |                  |                  |                  |                  |
| Liquid Line Size ("O.D.)                 | 3/8"             | 3/8"             | 3/8"             | 3/8"             | 3/8"             | 3/8"             | 3/8"             |
| Suction Line Size ("O.D.)                | 3/4"             | 3/4"             | 3/4"             | 7/8"             | 1 1/8"           | 1 1/8"           | 1 1/8"           |
| Refrigerant Connection Size              |                  |                  |                  |                  |                  |                  |                  |
| Liquid Valve Size ("O.D.)                | 3/8"             | 3/8"             | 3/8"             | 3/8"             | 3/8"             | 3/8"             | 3/8"             |
| Suction Valve Size ("O.D.)               | 3/4"             | 3/4"             | 3/4"             | 7/8"             | 7/8"             | 7/8"             | 7/8"             |
| Valve Connection Type                    | Sweat            | Sweat            | Sweat            | Sweat            | Sweat            | Sweat            | Sweat            |
| Refrigerant Charge (oz.)                 | 94               | 92               | 94               | 114              | 167              | 222              | 269              |
| <b>ELECTRICAL DATA</b>                   |                  |                  |                  |                  |                  |                  |                  |
| Volts/Phase (60 Hz)                      | 208/230          | 208/230          | 208/230          | 208/230          | 208/230          | 208/230          | 208/230          |
| Minimum Circuit Ampacity <sup>2</sup>    | 8.6              | 11.5             | 18.6             | 21               | 23.4             | 26.2             | 33.3             |
| Max. Overcurrent Protection <sup>3</sup> | 15               | 15               | 30               | 35               | 40               | 45               | 50               |
| Min / Max Volts                          | 197/253          | 197/253          | 197/253          | 197/253          | 197/253          | 197/253          | 197/253          |
| Electrical Conduit Size                  | 1/2" or 3/4"     | 1/2" or 3/4"     | 1/2" or 3/4"     | 1/2" or 3/4"     | 1/2" or 3/4"     | 1/2" or 3/4"     | 1/2" or 3/4"     |
| <b>UNIT WEIGHTS</b>                      |                  |                  |                  |                  |                  |                  |                  |
| Equipment Weight (lbs.)                  | 161              | 160              | 175              | 214              | 264              | 272              | 305              |
| Ship Weight (lbs)                        | 176              | 175              | 190              | 234              | 284              | 292              | 325              |

<sup>1</sup> Tested and rated in accordance with ARI Standard 210/240

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

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

**NOTES**

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply 3/8" to 1 1/8" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil. THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT NOT THE INDOOR COIL.

EXPANDED COOLING DATA — GSZB401810A\* + AMST24BU1400A\*

| IDB   | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | 105°F |      |      |      |      |      |      |      |      |      |      |      | 115°F |      |      |      |      |      |       |      |      |      |      |      |      |      |      |   |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|---|
|       |         | 65°F                        |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F  |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |      |      |      |      | 115°F |      |      |      |      |      |      |      |      |   |
|       |         | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59   | 63   | 67    | 71   |      |      |      |      |      |      |      |   |
| 70    | MBh     | 17.3                        | 17.5 | 18.0 | -    | 17.1 | 17.4 | 17.9 | -    | 16.7 | 16.9 | 17.4 | -    | 15.9  | 16.1 | 16.6 | -    | 14.9 | 15.2 | 15.7 | -    | 14.1 | 14.3 | 14.8 | -    | 14.9  | 15.2 | 15.7 | -    | 14.1 | 14.3 | 14.8  | -    | 14.9 | 15.2 | 15.7 | -    | 14.1 | 14.3 | 14.8 | - |
|       | S/T     | 0.59                        | 0.52 | 0.38 | -    | 0.60 | 0.52 | 0.39 | -    | 0.62 | 0.55 | 0.41 | -    | 1.00  | 0.57 | 0.43 | -    | 1.00 | 0.59 | 0.45 | -    | 1.00 | 0.64 | 0.51 | -    | 1.00  | 0.59 | 0.45 | -    | 1.00 | 0.64 | 0.51  | -    | 1.00 | 0.59 | 0.45 | -    | 1.00 | 0.64 | 0.51 | - |
|       | ΔT      | 19                          | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 19    | 17   | 14   | -    | 18   | 17   | 13   | -    | 19   | 18   | 15   | -    | 18    | 17   | 13   | -    | 19   | 18   | 15    | -    | 18   | 17   | 13   | -    | 19   | 18   | 15   | - |
|       | kW      | 1.04                        | 1.03 | 1.03 | -    | 1.15 | 1.15 | 1.15 | -    | 1.28 | 1.28 | 1.28 | -    | 1.42  | 1.42 | 1.42 | -    | 1.58 | 1.58 | 1.58 | -    | 1.77 | 1.76 | 1.76 | -    | 1.58  | 1.58 | 1.58 | -    | 1.77 | 1.76 | 1.76  | -    | 1.58 | 1.58 | 1.58 | -    | 1.77 | 1.76 | 1.76 | - |
|       | Amps    | 4.0                         | 4.0  | 4.0  | -    | 4.5  | 4.5  | 4.5  | -    | 5.1  | 5.1  | 5.1  | -    | 5.8   | 5.8  | 5.8  | -    | 6.5  | 6.5  | 6.5  | -    | 7.3  | 7.3  | 7.3  | -    | 6.5   | 6.5  | 6.5  | -    | 7.3  | 7.3  | 7.3   | -    | 6.5  | 6.5  | 6.5  | -    | 7.3  | 7.3  | 7.3  | - |
|       | Hi PR   | 234                         | 235  | 236  | -    | 271  | 272  | 273  | -    | 309  | 310  | 312  | -    | 351   | 352  | 354  | -    | 396  | 397  | 398  | -    | 444  | 445  | 446  | -    | 396   | 397  | 398  | -    | 444  | 445  | 446   | -    | 396  | 397  | 398  | -    | 444  | 445  | 446  | - |
|       | Lo PR   | 125                         | 127  | 130  | -    | 133  | 134  | 137  | -    | 139  | 141  | 144  | -    | 145   | 146  | 150  | -    | 150  | 152  | 155  | -    | 157  | 159  | 162  | -    | 150   | 152  | 155  | -    | 157  | 159  | 162   | -    | 150  | 152  | 155  | -    | 157  | 159  | 162  | - |
|       | MBh     | 17.5                        | 17.8 | 18.3 | -    | 17.4 | 17.6 | 18.1 | -    | 16.9 | 17.2 | 17.7 | -    | 16.1  | 16.4 | 16.9 | -    | 15.2 | 15.4 | 16.0 | -    | 14.3 | 14.6 | 15.1 | -    | 15.2  | 15.4 | 16.0 | -    | 14.3 | 14.6 | 15.1  | -    | 15.2 | 15.4 | 16.0 | -    | 14.3 | 14.6 | 15.1 | - |
|       | S/T     | 0.67                        | 0.59 | 0.45 | -    | 0.67 | 0.60 | 0.46 | -    | 0.70 | 0.62 | 0.49 | -    | 1.00  | 0.64 | 0.51 | -    | 1.00 | 0.66 | 0.53 | -    | 1.00 | 0.71 | 0.58 | -    | 1.00  | 0.66 | 0.53 | -    | 1.00 | 0.71 | 0.58  | -    | 1.00 | 0.66 | 0.53 | -    | 1.00 | 0.71 | 0.58 | - |
|       | ΔT      | 17                          | 16   | 13   | -    | 17   | 16   | 12   | -    | 18   | 16   | 13   | -    | 17    | 16   | 12   | -    | 17   | 15   | 12   | -    | 18   | 16   | 13   | -    | 17    | 15   | 12   | -    | 18   | 16   | 13    | -    | 17   | 15   | 12   | -    | 18   | 16   | 13   | - |
| kW    | 1.04    | 1.04                        | 1.04 | -    | 1.16 | 1.16 | 1.16 | -    | 1.29 | 1.29 | 1.29 | -    | 1.43 | 1.43  | 1.43 | -    | 1.59 | 1.59 | 1.58 | -    | 1.77 | 1.77 | 1.77 | -    | 1.59 | 1.59  | 1.58 | -    | 1.77 | 1.77 | 1.77 | -     | 1.59 | 1.59 | 1.58 | -    | 1.77 | 1.77 | 1.77 | -    |   |
| Amps  | 4.0     | 4.0                         | 4.0  | -    | 4.6  | 4.6  | 4.6  | -    | 5.2  | 5.2  | 5.2  | -    | 5.8  | 5.8   | 5.8  | -    | 6.5  | 6.5  | 6.5  | -    | 7.4  | 7.4  | 7.4  | -    | 6.5  | 6.5   | 6.5  | -    | 7.4  | 7.4  | 7.4  | -     | 6.5  | 6.5  | 6.5  | -    | 7.4  | 7.4  | 7.4  | -    |   |
| Hi PR | 236     | 237                         | 239  | -    | 273  | 274  | 276  | -    | 312  | 313  | 314  | -    | 353  | 354   | 356  | -    | 398  | 399  | 401  | -    | 446  | 447  | 449  | -    | 398  | 399   | 401  | -    | 446  | 447  | 449  | -     | 398  | 399  | 401  | -    | 446  | 447  | 449  | -    |   |
| Lo PR | 127     | 129                         | 132  | -    | 135  | 136  | 139  | -    | 141  | 143  | 146  | -    | 147  | 149   | 152  | -    | 153  | 154  | 157  | -    | 160  | 161  | 164  | -    | 153  | 154   | 157  | -    | 160  | 161  | 164  | -     | 153  | 154  | 157  | -    | 160  | 161  | 164  | -    |   |
| MBh   | 17.7    | 18.0                        | 18.5 | -    | 17.6 | 17.8 | 18.3 | -    | 17.1 | 17.4 | 17.9 | -    | 16.3 | 16.6  | 17.1 | -    | 15.4 | 15.6 | 16.2 | -    | 14.5 | 14.8 | 15.3 | -    | 15.4 | 15.6  | 16.2 | -    | 14.5 | 14.8 | 15.3 | -     | 15.4 | 15.6 | 16.2 | -    | 14.5 | 14.8 | 15.3 | -    |   |
| S/T   | 0.70    | 0.62                        | 0.48 | -    | 0.70 | 0.63 | 0.49 | -    | 0.73 | 0.65 | 0.51 | -    | 1.00 | 0.67  | 0.53 | -    | 1.00 | 0.69 | 0.56 | -    | 1.00 | 0.74 | 0.61 | -    | 1.00 | 0.69  | 0.56 | -    | 1.00 | 0.74 | 0.61 | -     | 1.00 | 0.69 | 0.56 | -    | 1.00 | 0.74 | 0.61 | -    |   |
| ΔT    | 17      | 15                          | 12   | -    | 17   | 15   | 12   | -    | 17   | 15   | 12   | -    | 17   | 15    | 12   | -    | 16   | 15   | 12   | -    | 18   | 16   | 13   | -    | 16   | 15    | 12   | -    | 18   | 16   | 13   | -     | 16   | 15   | 12   | -    | 18   | 16   | 13   | -    |   |
| kW    | 1.05    | 1.05                        | 1.04 | -    | 1.16 | 1.16 | 1.16 | -    | 1.29 | 1.29 | 1.29 | -    | 1.43 | 1.43  | 1.43 | -    | 1.59 | 1.59 | 1.59 | -    | 1.78 | 1.78 | 1.77 | -    | 1.59 | 1.59  | 1.59 | -    | 1.78 | 1.78 | 1.77 | -     | 1.59 | 1.59 | 1.59 | -    | 1.78 | 1.78 | 1.77 | -    |   |
| Amps  | 4.1     | 4.1                         | 4.0  | -    | 4.6  | 4.6  | 4.6  | -    | 5.2  | 5.2  | 5.2  | -    | 5.8  | 5.8   | 5.8  | -    | 6.6  | 6.5  | 6.5  | -    | 7.4  | 7.4  | 7.4  | -    | 6.6  | 6.5   | 6.5  | -    | 7.4  | 7.4  | 7.4  | -     | 6.6  | 6.5  | 6.5  | -    | 7.4  | 7.4  | 7.4  | -    |   |
| Hi PR | 237     | 238                         | 240  | -    | 274  | 275  | 277  | -    | 313  | 314  | 316  | -    | 355  | 356   | 357  | -    | 400  | 401  | 402  | -    | 448  | 449  | 450  | -    | 400  | 401   | 402  | -    | 448  | 449  | 450  | -     | 400  | 401  | 402  | -    | 448  | 449  | 450  | -    |   |
| Lo PR | 129     | 130                         | 133  | -    | 136  | 138  | 141  | -    | 143  | 145  | 148  | -    | 149  | 150   | 153  | -    | 154  | 156  | 159  | -    | 161  | 163  | 166  | -    | 154  | 156   | 159  | -    | 161  | 163  | 166  | -     | 154  | 156  | 159  | -    | 161  | 163  | 166  | -    |   |

| IDB   | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | 105°F |      |      |      |      |      |      |      |      |      |      |      | 115°F |      |       |      |      |      |       |      |      |      |      |      |      |      |      |      |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|------|------|------|-------|------|------|------|------|------|------|------|------|------|
|       |         | 65°F                        |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F  |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |       |      |      |      | 115°F |      |      |      |      |      |      |      |      |      |
|       |         | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67    | 71   | 59   | 63   | 67    | 71   |      |      |      |      |      |      |      |      |
| 75    | MBh     | 17.3                        | 17.5 | 18.0 | 18.8 | 17.1 | 17.4 | 17.9 | 18.7 | 16.7 | 16.9 | 17.4 | 18.2 | 15.9  | 16.1 | 16.6 | 17.4 | 14.9 | 15.2 | 15.7 | 16.5 | 14.1 | 14.3 | 14.8 | 15.6 | 14.9  | 15.2 | 15.7  | 16.5 | 14.1 | 14.3 | 14.8  | 15.6 | 14.9 | 15.2 | 15.7 | 16.5 | 14.1 | 14.3 | 14.8 | 15.6 |
|       | S/T     | 0.72                        | 0.65 | 0.51 | 0.37 | 0.73 | 0.65 | 0.52 | 0.37 | 1.00 | 0.68 | 0.54 | 0.40 | 1.00  | 0.70 | 0.56 | 0.42 | 1.00 | 0.72 | 0.58 | 0.44 | 1.00 | 1.00 | 0.64 | 0.49 | 1.00  | 0.72 | 0.58  | 0.44 | 1.00 | 1.00 | 0.64  | 0.49 | 1.00 | 0.72 | 0.58 | 0.44 | 1.00 | 1.00 | 0.64 | 0.49 |
|       | ΔT      | 22                          | 21   | 18   | 14   | 22   | 21   | 17   | 14   | 23   | 21   | 18   | 14   | 22    | 21   | 17   | 14   | 22   | 20   | 17   | 14   | 23   | 21   | 18   | 15   | 22    | 20   | 17    | 14   | 23   | 21   | 18    | 15   | 22   | 20   | 17   | 14   | 23   | 21   | 18   | 15   |
|       | kW      | 1.03                        | 1.03 | 1.03 | 1.04 | 1.15 | 1.15 | 1.15 | 1.16 | 1.28 | 1.28 | 1.28 | 1.29 | 1.42  | 1.42 | 1.42 | 1.43 | 1.58 | 1.58 | 1.58 | 1.59 | 1.76 | 1.76 | 1.76 | 1.77 | 1.58  | 1.58 | 1.58  | 1.59 | 1.76 | 1.76 | 1.76  | 1.77 | 1.58 | 1.58 | 1.58 | 1.59 | 1.76 | 1.76 | 1.76 | 1.77 |
|       | Amps    | 4.0                         | 4.0  | 4.0  | 4.0  | 4.5  | 4.5  | 4.5  | 4.6  | 5.1  | 5.1  | 5.1  | 5.2  | 5.8   | 5.8  | 5.8  | 5.8  | 6.5  | 6.5  | 6.5  | 6.5  | 7.3  | 7.3  | 7.3  | 7.4  | 6.5   | 6.5  | 6.5   | 6.5  | 7.3  | 7.3  | 7.3   | 7.4  | 6.5  | 6.5  | 6.5  | 6.5  | 7.3  | 7.3  | 7.3  | 7.4  |
|       | Hi PR   | 234                         | 235  | 236  | 241  | 271  | 272  | 273  | 277  | 309  | 310  | 312  | 316  | 351   | 352  | 354  | 358  | 396  | 397  | 399  | 403  | 444  | 445  | 447  | 451  | 396   | 397  | 399   | 403  | 444  | 445  | 447   | 451  | 396  | 397  | 399  | 403  | 444  | 445  | 447  | 451  |
|       | Lo PR   | 125                         | 127  | 130  | 135  | 133  | 134  | 137  | 143  | 139  | 141  | 144  | 149  | 145   | 146  | 150  | 155  | 150  | 152  | 155  | 161  | 157  | 159  | 162  | 167  | 150   | 152  | 155   | 161  | 157  | 159  | 162   | 167  | 150  | 152  | 155  | 161  | 157  | 159  | 162  | 167  |
|       | MBh     | 17.5                        | 17.8 | 18.3 | 19.1 | 17.4 | 17.6 | 18.1 | 18.9 | 16.9 | 17.2 | 17.7 | 18.5 | 16.1  | 16.4 | 16.9 | 17.7 | 15.2 | 15.4 | 16.0 | 16.7 | 14.3 | 14.6 | 15.1 | 15.9 | 15.2  | 15.4 | 16.0  | 16.7 | 14.3 | 14.6 | 15.1  | 15.9 | 15.2 | 15.4 | 16.0 | 16.7 | 14.3 | 14.6 | 15.1 | 15.9 |
|       | S/T     | 0.80                        | 0.72 | 0.58 | 0.44 | 1.00 | 0.73 | 0.59 | 0.45 | 1.00 | 0.75 | 0.62 | 0.47 | 1.00  | 0.77 | 0.63 | 0.49 | 1.00 | 0.79 | 0.66 | 0.51 | 1.00 | 1.00 | 0.71 | 0.57 | 1.00  | 0.79 | 0.66  | 0.51 | 1.00 | 1.00 | 0.71  | 0.57 | 1.00 | 0.79 | 0.66 | 0.51 | 1.00 | 1.00 | 0.71 | 0.57 |
|       | ΔT      | 21                          | 19   | 16   | 13   | 21   | 19   | 16   | 13   | 21   | 20   | 16   | 13   | 21    | 19   | 16   | 13   | 21   | 19   | 16   | 13   | 22   | 20   | 17   | 14   | 21    | 19   | 16    | 13   | 22   | 20   | 17    | 14   | 21   | 19   | 16   | 13   | 22   | 20   | 17   | 14   |
| kW    | 1.04    | 1.04                        | 1.04 | 1.05 | 1.16 | 1.16 | 1.16 | 1.16 | 1.29 | 1.29 | 1.29 | 1.29 | 1.43 | 1.43  | 1.43 | 1.44 | 1.59 | 1.59 | 1.58 | 1.59 | 1.77 | 1.77 | 1.77 | 1.78 | 1.59 | 1.59  | 1.58 | 1.59  | 1.77 | 1.77 | 1.77 | 1.78  | 1.59 | 1.59 | 1.58 | 1.59 | 1.77 | 1.77 | 1.77 | 1.78 |      |
| Amps  | 4.0     | 4.0                         | 4.0  | 4.1  | 4.6  | 4.6  | 4.6  | 4.6  | 5.2  | 5.2  | 5.2  | 5.2  | 5.8  | 5.8   | 5.8  | 5.8  | 6.5  | 6.5  | 6.5  | 6.6  | 7.4  | 7.4  | 7.4  | 7.4  | 6.5  | 6.5   | 6.5  | 6.6   | 7.4  | 7.4  | 7.4  | 7.4   | 6.5  | 6.5  | 6.5  | 6.6  | 7.4  | 7.4  | 7.4  | 7.4  |      |
| Hi PR | 236     | 237                         | 239  | 243  | 273  | 274  | 276  | 280  | 312  | 313  | 314  | 319  | 353  | 354   | 356  | 360  | 398  | 399  | 401  | 405  | 446  | 447  | 449  | 453  | 398  | 399   | 401  | 405   | 446  | 447  | 449  | 453   | 398  | 399  | 401  | 405  | 446  | 447  | 449  | 453  |      |
| Lo PR | 127     | 129                         | 132  | 137  | 135  | 136  | 139  | 145  | 141  | 143  | 146  | 151  | 147  | 149   | 152  | 157  | 153  | 154  | 157  | 163  | 160  | 161  | 164  | 170  | 153  | 154   | 157  | 163</ |      |      |      |       |      |      |      |      |      |      |      |      |      |

EXPANDED COOLING DATA — GSZB401810A\* + AMST24BU1400A\* (CONT.)

| IDB   | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |       |      |      |      |       |      |      |      |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------|------|------|------|-------|------|------|------|-------|------|------|------|
|       |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F                                 |      |      |      | 105°F |      |      |      | 115°F |      |      |      |
|       |         | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59                                   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |
| 80    | MBh     | 17.4                        | 17.6 | 18.1 | 18.9 | 17.2 | 17.4 | 18.0 | 18.8 | 16.8 | 17.0 | 17.5 | 18.3 | 16.0                                 | 16.2 | 16.7 | 17.5 | 15.0  | 15.3 | 15.8 | 16.6 | 14.2  | 14.4 | 14.9 | 15.7 |
|       | S/T     | 1.00                        | 0.77 | 0.64 | 0.49 | 1.00 | 0.78 | 0.64 | 0.50 | 1.00 | 0.80 | 0.67 | 0.52 | 1.00                                 | 1.00 | 0.69 | 0.54 | 1.00  | 1.00 | 0.71 | 0.57 | 1.00  | 1.00 | 0.76 | 0.62 |
|       | ΔT      | 26                          | 24   | 21   | 18   | 26   | 24   | 21   | 18   | 26   | 25   | 21   | 18   | 26                                   | 24   | 21   | 18   | 26    | 24   | 21   | 18   | 27    | 25   | 22   | 19   |
|       | kW      | 1.04                        | 1.03 | 1.03 | 1.04 | 1.15 | 1.15 | 1.15 | 1.16 | 1.28 | 1.28 | 1.28 | 1.29 | 1.42                                 | 1.42 | 1.42 | 1.43 | 1.58  | 1.58 | 1.58 | 1.59 | 1.77  | 1.76 | 1.76 | 1.77 |
|       | Amps    | 4.0                         | 4.0  | 4.0  | 4.0  | 4.5  | 4.5  | 4.5  | 4.6  | 5.1  | 5.1  | 5.1  | 5.2  | 5.8                                  | 5.8  | 5.8  | 5.8  | 6.5   | 6.5  | 6.5  | 6.5  | 7.3   | 7.3  | 7.3  | 7.4  |
|       | Hi PR   | 234                         | 235  | 237  | 241  | 271  | 272  | 274  | 281  | 310  | 311  | 313  | 317  | 352                                  | 353  | 354  | 358  | 396   | 397  | 399  | 403  | 444   | 445  | 447  | 451  |
|       | Lo PR   | 126                         | 127  | 130  | 136  | 133  | 135  | 138  | 143  | 140  | 141  | 145  | 150  | 145                                  | 147  | 150  | 156  | 151   | 153  | 156  | 161  | 158   | 160  | 163  | 168  |
|       | MBh     | 17.6                        | 17.9 | 18.4 | 19.2 | 17.5 | 17.7 | 18.2 | 19.0 | 17.0 | 17.3 | 17.8 | 18.6 | 16.2                                 | 16.5 | 17.0 | 17.8 | 15.3  | 15.5 | 16.1 | 16.8 | 14.4  | 14.7 | 15.2 | 16.0 |
|       | S/T     | 1.00                        | 0.85 | 0.71 | 0.57 | 1.00 | 0.85 | 0.72 | 0.57 | 1.00 | 0.88 | 0.74 | 0.60 | 1.00                                 | 1.00 | 0.76 | 0.62 | 1.00  | 1.00 | 0.78 | 0.64 | 1.00  | 1.00 | 0.83 | 0.69 |
|       | ΔT      | 25                          | 23   | 20   | 17   | 25   | 23   | 20   | 17   | 25   | 23   | 20   | 17   | 25                                   | 23   | 20   | 17   | 25    | 23   | 20   | 16   | 26    | 24   | 21   | 18   |
| kW    | 1.04    | 1.04                        | 1.04 | 1.05 | 1.16 | 1.16 | 1.16 | 1.16 | 1.29 | 1.29 | 1.29 | 1.30 | 1.43 | 1.43                                 | 1.43 | 1.44 | 1.59 | 1.59  | 1.58 | 1.59 | 1.77 | 1.77  | 1.77 | 1.78 |      |
| Amps  | 4.0     | 4.0                         | 4.0  | 4.1  | 4.6  | 4.6  | 4.6  | 4.6  | 5.2  | 5.2  | 5.2  | 5.2  | 5.8  | 5.8                                  | 5.8  | 5.8  | 6.5  | 6.5   | 6.5  | 6.6  | 7.4  | 7.4   | 7.4  | 7.4  |      |
| Hi PR | 237     | 238                         | 239  | 243  | 274  | 275  | 276  | 280  | 312  | 313  | 315  | 319  | 354  | 355                                  | 357  | 361  | 399  | 400   | 401  | 405  | 447  | 448   | 449  | 453  |      |
| Lo PR | 128     | 129                         | 132  | 138  | 135  | 137  | 140  | 145  | 142  | 144  | 147  | 152  | 148  | 149                                  | 152  | 158  | 153  | 155   | 158  | 163  | 160  | 162   | 165  | 170  |      |
| MBh   | 17.8    | 18.1                        | 18.6 | 19.4 | 17.7 | 17.9 | 18.4 | 19.2 | 17.2 | 17.5 | 18.0 | 18.8 | 16.4 | 16.7                                 | 17.2 | 18.0 | 15.5 | 15.7  | 16.3 | 17.0 | 14.6 | 14.9  | 15.4 | 16.2 |      |
| S/T   | 1.00    | 0.87                        | 0.74 | 0.59 | 1.00 | 0.88 | 0.74 | 0.60 | 1.00 | 0.91 | 0.77 | 0.63 | 1.00 | 1.00                                 | 0.79 | 0.65 | 1.00 | 1.00  | 0.81 | 0.67 | 1.00 | 1.00  | 0.86 | 0.72 |      |
| ΔT    | 24      | 23                          | 19   | 16   | 24   | 23   | 19   | 16   | 24   | 23   | 20   | 16   | 24   | 22                                   | 19   | 16   | 24   | 22    | 19   | 16   | 25   | 23    | 20   | 17   |      |
| kW    | 1.05    | 1.05                        | 1.04 | 1.05 | 1.16 | 1.16 | 1.16 | 1.17 | 1.29 | 1.29 | 1.29 | 1.30 | 1.43 | 1.43                                 | 1.43 | 1.44 | 1.59 | 1.59  | 1.59 | 1.60 | 1.78 | 1.78  | 1.77 | 1.78 |      |
| Amps  | 4.1     | 4.1                         | 4.0  | 4.1  | 4.6  | 4.6  | 4.6  | 4.6  | 5.2  | 5.2  | 5.2  | 5.2  | 5.8  | 5.8                                  | 5.8  | 5.9  | 6.6  | 6.5   | 6.5  | 6.6  | 7.4  | 7.4   | 7.4  | 7.4  |      |
| Hi PR | 238     | 239                         | 241  | 245  | 275  | 276  | 278  | 282  | 314  | 315  | 316  | 320  | 355  | 356                                  | 358  | 362  | 400  | 401   | 403  | 407  | 448  | 449   | 451  | 455  |      |
| Lo PR | 129     | 131                         | 134  | 139  | 137  | 138  | 142  | 147  | 144  | 145  | 148  | 154  | 149  | 151                                  | 154  | 159  | 155  | 156   | 159  | 165  | 162  | 163   | 166  | 172  |      |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85    | MBh   | 17.7 | 17.9 | 18.4 | 19.2 | 17.5 | 17.7 | 18.3 | 19.0 | 17.0 | 17.3 | 17.8 | 18.6 | 16.3 | 16.5 | 17.0 | 17.8 | 15.3 | 15.6 | 16.1 | 16.9 | 14.5 | 14.7 | 15.2 | 16.0 |
|       | S/T   | 1.00 | 0.87 | 0.74 | 0.6  | 1.00 | 1.00 | 0.74 | 0.6  | 1.00 | 1.00 | 0.77 | 0.6  | 1.00 | 1.00 | 0.79 | 0.6  | 1.00 | 1.00 | 0.81 | 0.7  | 1.00 | 1.00 | 1.00 | 0.7  |
|       | ΔT    | 30   | 28   | 25   | 21   | 29   | 28   | 25   | 21   | 30   | 28   | 25   | 22   | 29   | 28   | 25   | 21   | 29   | 28   | 24   | 21   | 30   | 29   | 25   | 22   |
|       | kW    | 1.04 | 1.04 | 1.03 | 1.0  | 1.15 | 1.15 | 1.15 | 1.2  | 1.28 | 1.28 | 1.28 | 1.3  | 1.43 | 1.42 | 1.42 | 1.4  | 1.58 | 1.58 | 1.58 | 1.6  | 1.77 | 1.77 | 1.76 | 1.8  |
|       | Amps  | 4.0  | 4.0  | 4.0  | 4.0  | 4.5  | 4.5  | 4.5  | 4.6  | 5.1  | 5.1  | 5.1  | 5.2  | 5.8  | 5.8  | 5.8  | 5.8  | 6.5  | 6.5  | 6.5  | 6.5  | 7.4  | 7.4  | 7.3  | 7.4  |
|       | Hi PR | 235  | 236  | 238  | 242  | 272  | 273  | 275  | 279  | 311  | 312  | 314  | 318  | 353  | 354  | 355  | 359  | 398  | 399  | 400  | 404  | 445  | 446  | 448  | 452  |
|       | Lo PR | 127  | 129  | 132  | 137  | 135  | 137  | 140  | 145  | 142  | 143  | 146  | 152  | 147  | 149  | 152  | 157  | 153  | 154  | 158  | 163  | 160  | 161  | 165  | 170  |
|       | MBh   | 17.9 | 18.2 | 18.7 | 19.5 | 17.8 | 18.0 | 18.5 | 19.3 | 17.3 | 17.6 | 18.1 | 18.9 | 16.5 | 16.8 | 17.3 | 18.1 | 15.6 | 15.8 | 16.3 | 17.1 | 14.7 | 15.0 | 15.5 | 16.3 |
|       | S/T   | 1.00 | 0.95 | 0.81 | 0.7  | 1.00 | 1.00 | 0.82 | 0.7  | 1.00 | 1.00 | 0.84 | 0.7  | 1.00 | 1.00 | 0.86 | 0.7  | 1.00 | 1.00 | 1.00 | 0.7  | 1.00 | 1.00 | 1.00 | 0.8  |
|       | ΔT    | 28   | 27   | 23   | 20   | 28   | 27   | 23   | 20   | 28   | 27   | 24   | 20   | 28   | 27   | 23   | 20   | 28   | 26   | 23   | 20   | 29   | 27   | 24   | 21   |
| kW    | 1.04  | 1.04 | 1.04 | 1.1  | 1.16 | 1.16 | 1.16 | 1.2  | 1.29 | 1.29 | 1.29 | 1.3  | 1.43 | 1.43 | 1.43 | 1.4  | 1.59 | 1.59 | 1.59 | 1.6  | 1.77 | 1.77 | 1.77 | 1.8  |      |
| Amps  | 4.0   | 4.0  | 4.0  | 4.1  | 4.6  | 4.6  | 4.6  | 4.6  | 5.2  | 5.2  | 5.2  | 5.2  | 5.8  | 5.8  | 5.8  | 5.9  | 6.5  | 6.5  | 6.5  | 6.6  | 7.4  | 7.4  | 7.4  | 7.4  |      |
| Hi PR | 238   | 239  | 240  | 244  | 275  | 276  | 277  | 281  | 313  | 314  | 316  | 320  | 355  | 356  | 358  | 362  | 400  | 401  | 403  | 407  | 448  | 449  | 450  | 455  |      |
| Lo PR | 130   | 131  | 134  | 140  | 137  | 139  | 142  | 147  | 144  | 145  | 149  | 154  | 150  | 151  | 154  | 160  | 155  | 157  | 160  | 165  | 162  | 164  | 167  | 172  |      |
| MBh   | 18.1  | 18.4 | 18.9 | 19.7 | 18.0 | 18.2 | 18.7 | 19.5 | 17.5 | 17.8 | 18.3 | 19.1 | 16.7 | 17.0 | 17.5 | 18.3 | 15.8 | 16.0 | 16.6 | 17.3 | 14.9 | 15.2 | 15.7 | 16.5 |      |
| S/T   | 1.00  | 0.98 | 0.84 | 0.7  | 1.00 | 1.00 | 0.85 | 0.7  | 1.00 | 1.00 | 0.87 | 0.7  | 1.00 | 1.00 | 0.89 | 0.7  | 1.00 | 1.00 | 1.00 | 0.8  | 1.00 | 1.00 | 1.00 | 0.8  |      |
| ΔT    | 28    | 26   | 23   | 19   | 28   | 26   | 23   | 19   | 28   | 26   | 23   | 20   | 28   | 26   | 23   | 19   | 27   | 26   | 22   | 19   | 28   | 27   | 23   | 20   |      |
| kW    | 1.05  | 1.05 | 1.05 | 1.1  | 1.17 | 1.16 | 1.16 | 1.2  | 1.30 | 1.29 | 1.29 | 1.3  | 1.44 | 1.44 | 1.43 | 1.4  | 1.59 | 1.59 | 1.59 | 1.6  | 1.78 | 1.78 | 1.78 | 1.8  |      |
| Amps  | 4.1   | 4.1  | 4.1  | 4.1  | 4.6  | 4.6  | 4.6  | 4.6  | 5.2  | 5.2  | 5.2  | 5.2  | 5.8  | 5.8  | 5.8  | 5.9  | 6.6  | 6.6  | 6.6  | 6.6  | 7.4  | 7.4  | 7.4  | 7.4  |      |
| Hi PR | 239   | 240  | 242  | 246  | 276  | 277  | 279  | 283  | 315  | 316  | 317  | 322  | 356  | 357  | 359  | 363  | 401  | 402  | 404  | 408  | 449  | 450  | 452  | 456  |      |
| Lo PR | 131   | 133  | 136  | 141  | 139  | 140  | 143  | 149  | 145  | 147  | 150  | 156  | 151  | 153  | 156  | 161  | 157  | 158  | 161  | 167  | 164  | 165  | 168  | 174  |      |

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

EXPANDED COOLING DATA — GSZB402410A\* + AMST24BU1400A\*

| IDB        | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |     |      |      |      |     |      |      |      |     | ENTERING INDOOR WET BULB TEMPERATURE |      |      |     |       |      |      |     |       |      |      |    |
|------------|---------|-----------------------------|------|------|-----|------|------|------|-----|------|------|------|-----|--------------------------------------|------|------|-----|-------|------|------|-----|-------|------|------|----|
|            |         | 65°F                        |      |      |     | 75°F |      |      |     | 85°F |      |      |     | 95°F                                 |      |      |     | 105°F |      |      |     | 115°F |      |      |    |
|            |         | 59                          | 63   | 67   | 71  | 59   | 63   | 67   | 71  | 59   | 63   | 67   | 71  | 59                                   | 63   | 67   | 71  | 59    | 63   | 67   | 71  | 59    | 63   | 67   | 71 |
| <b>70</b>  | MBh     | 23.0                        | 23.4 | 24.1 | -   | 22.8 | 23.2 | 23.8 | -   | 22.2 | 22.6 | 23.2 | -   | 21.2                                 | 21.5 | 22.2 | -   | 19.9  | 20.3 | 21.0 | -   | 18.8  | 19.1 | 19.8 | -  |
|            | S/T     | 0.61                        | 0.54 | 0.40 | -   | 0.62 | 0.54 | 0.41 | -   | 0.64 | 0.57 | 0.43 | -   | 0.66                                 | 0.59 | 0.45 | -   | 1.00  | 0.61 | 0.47 | -   | 1.00  | 0.66 | 0.53 | -  |
|            | ΔT      | 18                          | 17   | 13   | -   | 18   | 17   | 13   | -   | 18   | 17   | 14   | -   | 18                                   | 16   | 13   | -   | 18    | 16   | 13   | -   | 19    | 17   | 14   | -  |
|            | kW      | 1.35                        | 1.35 | 1.35 | -   | 1.52 | 1.52 | 1.51 | -   | 1.70 | 1.70 | 1.69 | -   | 1.90                                 | 1.89 | 1.89 | -   | 2.12  | 2.11 | 2.11 | -   | 2.37  | 2.37 | 2.37 | -  |
|            | Amps    | 5.3                         | 5.3  | 5.3  | -   | 6.0  | 6.0  | 6.0  | -   | 6.9  | 6.9  | 6.8  | -   | 7.8                                  | 7.7  | 7.7  | -   | 8.8   | 8.8  | 8.7  | -   | 9.9   | 9.9  | 9.9  | -  |
|            | Hi PR   | 241                         | 242  | 244  | -   | 279  | 280  | 282  | -   | 319  | 320  | 322  | -   | 362                                  | 363  | 365  | -   | 408   | 409  | 411  | -   | 457   | 459  | 460  | -  |
| Lo PR      | 122     | 123                         | 126  | -    | 129 | 131  | 134  | -    | 136 | 137  | 140  | -    | 141 | 143                                  | 146  | -    | 147 | 148   | 151  | -    | 153 | 155   | 158  | -    |    |
| <b>70</b>  | MBh     | 23.3                        | 23.6 | 24.3 | -   | 23.1 | 23.4 | 24.1 | -   | 22.5 | 22.8 | 23.5 | -   | 21.5                                 | 21.8 | 22.5 | -   | 20.2  | 20.5 | 21.2 | -   | 19.0  | 19.4 | 20.1 | -  |
|            | S/T     | 0.66                        | 0.58 | 0.45 | -   | 0.66 | 0.59 | 0.45 | -   | 0.69 | 0.61 | 0.48 | -   | 0.71                                 | 0.63 | 0.50 | -   | 1.00  | 0.65 | 0.52 | -   | 1.00  | 0.71 | 0.57 | -  |
|            | ΔT      | 17                          | 16   | 13   | -   | 17   | 16   | 12   | -   | 18   | 16   | 13   | -   | 17                                   | 16   | 12   | -   | 17    | 15   | 12   | -   | 18    | 17   | 13   | -  |
|            | kW      | 1.36                        | 1.36 | 1.36 | -   | 1.52 | 1.52 | 1.52 | -   | 1.71 | 1.70 | 1.70 | -   | 1.90                                 | 1.90 | 1.90 | -   | 2.12  | 2.12 | 2.12 | -   | 2.38  | 2.38 | 2.38 | -  |
|            | Amps    | 5.3                         | 5.3  | 5.3  | -   | 6.1  | 6.0  | 6.0  | -   | 6.9  | 6.9  | 6.9  | -   | 7.8                                  | 7.8  | 7.8  | -   | 8.8   | 8.8  | 8.8  | -   | 10.0  | 10.0 | 10.0 | -  |
|            | Hi PR   | 243                         | 244  | 246  | -   | 281  | 282  | 284  | -   | 321  | 322  | 323  | -   | 364                                  | 365  | 366  | -   | 410   | 411  | 413  | -   | 459   | 460  | 462  | -  |
| Lo PR      | 123     | 125                         | 128  | -    | 131 | 132  | 135  | -    | 137 | 139  | 142  | -    | 143 | 144                                  | 147  | -    | 148 | 150   | 153  | -    | 155 | 156   | 159  | -    |    |
| <b>900</b> | MBh     | 23.8                        | 24.1 | 24.8 | -   | 23.5 | 23.9 | 24.6 | -   | 22.9 | 23.3 | 24.0 | -   | 21.9                                 | 22.2 | 22.9 | -   | 20.6  | 21.0 | 21.7 | -   | 19.5  | 19.8 | 20.5 | -  |
|            | S/T     | 0.70                        | 0.62 | 0.49 | -   | 0.70 | 0.63 | 0.49 | -   | 0.73 | 0.65 | 0.52 | -   | 1.00                                 | 0.67 | 0.54 | -   | 1.00  | 0.69 | 0.56 | -   | 1.00  | 0.74 | 0.61 | -  |
|            | ΔT      | 16                          | 15   | 11   | -   | 16   | 15   | 11   | -   | 17   | 15   | 12   | -   | 16                                   | 15   | 11   | -   | 16    | 14   | 11   | -   | 17    | 15   | 12   | -  |
|            | kW      | 1.37                        | 1.37 | 1.37 | -   | 1.53 | 1.53 | 1.53 | -   | 1.71 | 1.71 | 1.71 | -   | 1.91                                 | 1.91 | 1.91 | -   | 2.13  | 2.13 | 2.13 | -   | 2.39  | 2.39 | 2.38 | -  |
|            | Amps    | 5.4                         | 5.3  | 5.3  | -   | 6.1  | 6.1  | 6.1  | -   | 6.9  | 6.9  | 6.9  | -   | 7.8                                  | 7.8  | 7.8  | -   | 8.8   | 8.8  | 8.8  | -   | 10.0  | 10.0 | 10.0 | -  |
|            | Hi PR   | 245                         | 246  | 248  | -   | 283  | 284  | 286  | -   | 323  | 324  | 326  | -   | 366                                  | 367  | 369  | -   | 412   | 413  | 415  | -   | 462   | 463  | 464  | -  |
| Lo PR      | 126     | 127                         | 130  | -    | 133 | 135  | 138  | -    | 140 | 141  | 144  | -    | 145 | 147                                  | 150  | -    | 150 | 152   | 155  | -    | 157 | 159   | 162  | -    |    |

|            |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <b>700</b> | MBh   | 23.1 | 23.4 | 24.1 | 25.2 | 22.9 | 23.2 | 23.9 | 24.9 | 22.3 | 22.6 | 23.3 | 24.3 | 21.2 | 21.5 | 22.2 | 23.3 | 20.0 | 20.3 | 21.0 | 22.0 | 18.8 | 19.1 | 19.8 | 20.9 |
|            | S/T   | 0.74 | 0.66 | 0.53 | 0.39 | 0.75 | 0.67 | 0.54 | 0.39 | 1.00 | 0.69 | 0.56 | 0.42 | 1.00 | 0.71 | 0.58 | 0.44 | 1.00 | 0.74 | 0.60 | 0.46 | 1.00 | 1.00 | 0.65 | 0.51 |
|            | ΔT    | 22   | 20   | 17   | 14   | 22   | 20   | 17   | 14   | 22   | 21   | 17   | 14   | 22   | 20   | 17   | 14   | 22   | 20   | 17   | 14   | 23   | 21   | 18   | 15   |
|            | kW    | 1.35 | 1.35 | 1.35 | 1.36 | 1.52 | 1.51 | 1.51 | 1.52 | 1.70 | 1.70 | 1.69 | 1.71 | 1.89 | 1.89 | 1.89 | 1.90 | 2.11 | 2.11 | 2.11 | 2.12 | 2.37 | 2.37 | 2.37 | 2.38 |
|            | Amps  | 5.3  | 5.3  | 5.3  | 5.3  | 6.0  | 6.0  | 6.0  | 6.1  | 6.9  | 6.8  | 6.8  | 6.9  | 7.8  | 7.7  | 7.7  | 7.8  | 8.8  | 8.7  | 8.7  | 8.8  | 9.9  | 9.9  | 9.9  | 10.0 |
|            | Hi PR | 241  | 242  | 244  | 248  | 279  | 280  | 282  | 286  | 319  | 320  | 322  | 326  | 362  | 363  | 365  | 369  | 408  | 409  | 411  | 415  | 458  | 459  | 460  | 465  |
| Lo PR      | 122   | 123  | 126  | 132  | 129  | 131  | 134  | 139  | 136  | 137  | 140  | 145  | 141  | 143  | 146  | 151  | 147  | 148  | 151  | 156  | 153  | 155  | 158  | 163  |      |
| <b>780</b> | MBh   | 23.3 | 23.6 | 24.3 | 25.4 | 23.1 | 23.4 | 24.1 | 25.2 | 22.5 | 22.8 | 23.5 | 24.6 | 21.5 | 21.8 | 22.5 | 23.5 | 20.2 | 20.5 | 21.2 | 22.3 | 19.1 | 19.4 | 20.1 | 21.1 |
|            | S/T   | 0.79 | 0.71 | 0.58 | 0.44 | 0.79 | 0.72 | 0.58 | 0.44 | 1.00 | 0.74 | 0.61 | 0.47 | 1.00 | 0.76 | 0.63 | 0.49 | 1.00 | 0.78 | 0.65 | 0.51 | 1.00 | 1.00 | 0.70 | 0.56 |
|            | ΔT    | 21   | 19   | 16   | 13   | 21   | 19   | 16   | 13   | 21   | 20   | 16   | 13   | 21   | 19   | 16   | 13   | 21   | 19   | 16   | 13   | 22   | 20   | 17   | 14   |
|            | kW    | 1.36 | 1.36 | 1.36 | 1.37 | 1.52 | 1.52 | 1.52 | 1.53 | 1.70 | 1.70 | 1.70 | 1.71 | 1.90 | 1.90 | 1.90 | 1.91 | 2.12 | 2.12 | 2.12 | 2.13 | 2.38 | 2.38 | 2.37 | 2.39 |
|            | Amps  | 5.3  | 5.3  | 5.3  | 5.3  | 6.1  | 6.0  | 6.0  | 6.1  | 6.9  | 6.9  | 6.9  | 6.9  | 7.8  | 7.8  | 7.8  | 7.8  | 8.8  | 8.8  | 8.8  | 8.8  | 10.0 | 10.0 | 9.9  | 10.0 |
|            | Hi PR | 243  | 244  | 246  | 250  | 281  | 282  | 284  | 288  | 321  | 322  | 324  | 328  | 364  | 365  | 367  | 371  | 410  | 411  | 413  | 417  | 459  | 460  | 462  | 466  |
| Lo PR      | 123   | 125  | 128  | 133  | 131  | 132  | 135  | 140  | 137  | 139  | 142  | 147  | 143  | 144  | 147  | 152  | 148  | 150  | 153  | 158  | 155  | 156  | 159  | 165  |      |
| <b>900</b> | MBh   | 23.8 | 24.1 | 24.8 | 25.8 | 23.6 | 23.9 | 24.6 | 25.6 | 23.0 | 23.3 | 24.0 | 25.0 | 21.9 | 22.3 | 22.9 | 24.0 | 20.7 | 21.0 | 21.7 | 22.7 | 19.5 | 19.8 | 20.5 | 21.6 |
|            | S/T   | 0.82 | 0.75 | 0.61 | 0.47 | 1.00 | 0.75 | 0.62 | 0.48 | 1.00 | 0.78 | 0.65 | 0.50 | 1.00 | 0.80 | 0.66 | 0.52 | 1.00 | 0.82 | 0.69 | 0.54 | 1.00 | 1.00 | 0.74 | 0.60 |
|            | ΔT    | 20   | 18   | 15   | 12   | 20   | 18   | 15   | 12   | 20   | 19   | 15   | 12   | 20   | 18   | 15   | 12   | 20   | 18   | 15   | 12   | 21   | 19   | 16   | 13   |
|            | kW    | 1.37 | 1.37 | 1.36 | 1.38 | 1.53 | 1.53 | 1.53 | 1.54 | 1.71 | 1.71 | 1.71 | 1.72 | 1.91 | 1.91 | 1.91 | 1.92 | 2.13 | 2.13 | 2.13 | 2.14 | 2.39 | 2.39 | 2.38 | 2.40 |
|            | Amps  | 5.3  | 5.3  | 5.3  | 5.4  | 6.1  | 6.1  | 6.1  | 6.1  | 6.9  | 6.9  | 6.9  | 7.0  | 7.8  | 7.8  | 7.8  | 7.9  | 8.8  | 8.8  | 8.8  | 8.9  | 10.0 | 10.0 | 10.0 | 10.0 |
|            | Hi PR | 246  | 247  | 248  | 252  | 284  | 285  | 286  | 290  | 323  | 324  | 326  | 330  | 366  | 367  | 369  | 373  | 412  | 414  | 415  | 419  | 462  | 463  | 465  | 469  |
| Lo PR      | 126   | 127  | 130  | 136  | 133  | 135  | 138  | 143  | 140  | 141  | 144  | 149  | 145  | 147  | 150  | 155  | 151  | 152  | 155  | 160  | 157  | 159  | 162  | 167  |      |

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

EXPANDED COOLING DATA — GSZB402410A\* + AMST24BU1400A\* (CONT.)

| IDB   | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |       |      |      |      |       |      |      |      |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------|------|------|------|-------|------|------|------|-------|------|------|------|
|       |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F                                 |      |      |      | 105°F |      |      |      | 115°F |      |      |      |
|       |         | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59                                   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |
| 80    | MBh     | 23.2                        | 23.5 | 24.2 | 25.2 | 23.0 | 23.3 | 24.0 | 25.0 | 22.4 | 22.7 | 23.4 | 24.4 | 21.3                                 | 21.7 | 22.3 | 23.4 | 20.1  | 20.4 | 21.1 | 22.1 | 18.9  | 19.2 | 19.9 | 21.0 |
|       | S/T     | 0.86                        | 0.79 | 0.65 | 0.51 | 1.00 | 0.79 | 0.66 | 0.52 | 1.00 | 0.82 | 0.68 | 0.54 | 1.00                                 | 0.84 | 0.70 | 0.56 | 1.00  | 1.00 | 0.73 | 0.58 | 1.00  | 1.00 | 0.78 | 0.64 |
|       | ΔT      | 26                          | 24   | 21   | 18   | 26   | 24   | 21   | 18   | 26   | 24   | 21   | 18   | 26                                   | 24   | 21   | 18   | 26    | 24   | 21   | 17   | 27    | 25   | 22   | 18   |
|       | kW      | 1.35                        | 1.35 | 1.35 | 1.36 | 1.52 | 1.52 | 1.51 | 1.53 | 1.70 | 1.70 | 1.69 | 1.71 | 1.90                                 | 1.89 | 1.89 | 1.90 | 2.11  | 2.11 | 2.11 | 2.12 | 2.37  | 2.37 | 2.37 | 2.38 |
|       | Amps    | 5.3                         | 5.3  | 5.3  | 5.3  | 6.0  | 6.0  | 6.0  | 6.1  | 6.9  | 6.8  | 6.8  | 6.9  | 7.8                                  | 7.7  | 7.7  | 7.8  | 8.8   | 8.8  | 8.8  | 8.8  | 9.9   | 9.9  | 9.9  | 10.0 |
|       | Hi PR   | 242                         | 243  | 245  | 249  | 280  | 281  | 283  | 287  | 320  | 321  | 322  | 327  | 363                                  | 364  | 365  | 370  | 409   | 410  | 412  | 416  | 458   | 459  | 461  | 465  |
|       | Lo PR   | 122                         | 124  | 127  | 132  | 130  | 131  | 134  | 140  | 136  | 138  | 141  | 146  | 142                                  | 143  | 146  | 151  | 147   | 149  | 152  | 157  | 154   | 155  | 158  | 164  |
|       | MBh     | 23.4                        | 23.8 | 24.4 | 25.5 | 23.2 | 23.5 | 24.2 | 25.3 | 22.6 | 22.9 | 23.6 | 24.7 | 21.6                                 | 21.9 | 22.6 | 23.6 | 20.3  | 20.7 | 21.3 | 22.4 | 19.2  | 19.5 | 20.2 | 21.2 |
|       | S/T     | 1.00                        | 0.83 | 0.70 | 0.56 | 1.00 | 0.84 | 0.71 | 0.57 | 1.00 | 0.86 | 0.73 | 0.59 | 1.00                                 | 0.88 | 0.75 | 0.61 | 1.00  | 1.00 | 0.77 | 0.63 | 1.00  | 1.00 | 0.82 | 0.68 |
|       | ΔT      | 25                          | 23   | 20   | 17   | 25   | 23   | 20   | 17   | 25   | 23   | 20   | 17   | 25                                   | 23   | 20   | 17   | 25    | 23   | 20   | 16   | 26    | 24   | 21   | 18   |
| kW    | 1.36    | 1.36                        | 1.36 | 1.37 | 1.52 | 1.52 | 1.52 | 1.53 | 1.71 | 1.70 | 1.70 | 1.71 | 1.90 | 1.90                                 | 1.90 | 1.91 | 2.12 | 2.12  | 2.12 | 2.13 | 2.38 | 2.38  | 2.38 | 2.39 |      |
| Amps  | 5.3     | 5.3                         | 5.3  | 5.3  | 6.1  | 6.0  | 6.0  | 6.1  | 6.9  | 6.9  | 6.9  | 6.9  | 7.8  | 7.8                                  | 7.8  | 7.8  | 8.8  | 8.8   | 8.8  | 8.8  | 10.0 | 10.0  | 10.0 | 10.0 |      |
| Hi PR | 244     | 245                         | 246  | 250  | 282  | 283  | 284  | 288  | 321  | 322  | 324  | 328  | 364  | 365                                  | 367  | 371  | 410  | 412   | 413  | 417  | 460  | 461   | 463  | 467  |      |
| Lo PR | 124     | 125                         | 128  | 134  | 131  | 133  | 136  | 141  | 138  | 139  | 142  | 147  | 143  | 145                                  | 148  | 153  | 149  | 150   | 153  | 158  | 155  | 157   | 160  | 165  |      |
| MBh   | 23.9    | 24.2                        | 24.9 | 25.9 | 23.7 | 24.0 | 24.7 | 25.7 | 23.1 | 23.4 | 24.1 | 25.1 | 22.0 | 22.4                                 | 23.1 | 24.1 | 20.8 | 21.1  | 21.8 | 22.8 | 19.6 | 20.0  | 20.6 | 21.7 |      |
| S/T   | 1.00    | 0.87                        | 0.74 | 0.60 | 1.00 | 0.88 | 0.74 | 0.60 | 1.00 | 0.90 | 0.77 | 0.63 | 1.00 | 1.00                                 | 0.79 | 0.65 | 1.00 | 1.00  | 0.81 | 0.67 | 1.00 | 1.00  | 0.86 | 0.72 |      |
| ΔT    | 24      | 22                          | 19   | 16   | 24   | 22   | 19   | 16   | 24   | 22   | 19   | 16   | 24   | 22                                   | 19   | 16   | 24   | 22    | 19   | 15   | 25   | 23    | 20   | 16   |      |
| kW    | 1.37    | 1.37                        | 1.37 | 1.38 | 1.53 | 1.53 | 1.53 | 1.54 | 1.71 | 1.71 | 1.71 | 1.72 | 1.91 | 1.91                                 | 1.91 | 1.91 | 2.13 | 2.13  | 2.13 | 2.14 | 2.39 | 2.39  | 2.38 | 2.40 |      |
| Amps  | 5.3     | 5.3                         | 5.3  | 5.4  | 6.1  | 6.1  | 6.1  | 6.1  | 6.9  | 6.9  | 6.9  | 7.0  | 7.8  | 7.8                                  | 7.8  | 7.9  | 8.8  | 8.8   | 8.8  | 8.9  | 10.0 | 10.0  | 10.0 | 10.0 |      |
| Hi PR | 246     | 247                         | 249  | 253  | 284  | 285  | 287  | 291  | 324  | 325  | 327  | 331  | 367  | 368                                  | 369  | 374  | 413  | 414   | 416  | 420  | 462  | 463   | 465  | 469  |      |
| Lo PR | 126     | 128                         | 131  | 136  | 134  | 135  | 138  | 143  | 140  | 142  | 145  | 150  | 146  | 147                                  | 150  | 155  | 151  | 153   | 156  | 161  | 158  | 159   | 162  | 168  |      |
| 85    | MBh     | 23.6                        | 23.9 | 24.6 | 25.6 | 23.4 | 23.7 | 24.4 | 25.4 | 22.8 | 23.1 | 23.8 | 24.8 | 21.7                                 | 22.0 | 22.7 | 23.8 | 20.5  | 20.8 | 21.5 | 22.5 | 19.3  | 19.6 | 20.3 | 21.4 |
|       | S/T     | 1.00                        | 0.89 | 0.75 | 0.6  | 1.00 | 0.89 | 0.76 | 0.6  | 1.00 | 1.00 | 0.78 | 0.6  | 1.00                                 | 1.00 | 0.80 | 0.7  | 1.00  | 1.00 | 0.83 | 0.7  | 1.00  | 1.00 | 1.00 | 0.7  |
|       | ΔT      | 29                          | 27   | 24   | 21   | 29   | 27   | 24   | 21   | 29   | 28   | 24   | 21   | 29                                   | 27   | 24   | 21   | 29    | 27   | 24   | 21   | 30    | 28   | 25   | 22   |
|       | kW      | 1.36                        | 1.36 | 1.35 | 1.4  | 1.52 | 1.52 | 1.52 | 1.5  | 1.70 | 1.70 | 1.70 | 1.7  | 1.90                                 | 1.90 | 1.89 | 1.9  | 2.12  | 2.12 | 2.11 | 2.1  | 2.38  | 2.37 | 2.37 | 2.4  |
|       | Amps    | 5.3                         | 5.3  | 5.3  | 5.3  | 6.0  | 6.0  | 6.0  | 6.1  | 6.9  | 6.9  | 6.9  | 6.9  | 7.8                                  | 7.8  | 7.7  | 7.8  | 8.8   | 8.8  | 8.8  | 8.8  | 10.0  | 9.9  | 9.9  | 10.0 |
|       | Hi PR   | 243                         | 244  | 246  | 250  | 281  | 282  | 284  | 288  | 321  | 322  | 324  | 328  | 364                                  | 365  | 366  | 371  | 410   | 411  | 413  | 417  | 459   | 460  | 462  | 466  |
|       | Lo PR   | 124                         | 126  | 129  | 134  | 132  | 133  | 136  | 141  | 138  | 140  | 143  | 148  | 144                                  | 145  | 148  | 153  | 149   | 150  | 154  | 159  | 156   | 157  | 160  | 165  |
|       | MBh     | 23.8                        | 24.1 | 24.8 | 25.9 | 23.6 | 23.9 | 24.6 | 25.7 | 23.0 | 23.3 | 24.0 | 25.1 | 22.0                                 | 22.3 | 23.0 | 24.0 | 20.7  | 21.0 | 21.7 | 22.8 | 19.6  | 19.9 | 20.6 | 21.6 |
|       | S/T     | 1.00                        | 0.93 | 0.80 | 0.7  | 1.00 | 0.94 | 0.81 | 0.7  | 1.00 | 1.00 | 0.83 | 0.7  | 1.00                                 | 1.00 | 0.85 | 0.7  | 1.00  | 1.00 | 0.87 | 0.7  | 1.00  | 1.00 | 1.00 | 0.8  |
|       | ΔT      | 28                          | 27   | 23   | 20   | 28   | 27   | 23   | 20   | 29   | 27   | 24   | 20   | 28                                   | 27   | 23   | 20   | 28    | 26   | 23   | 20   | 29    | 27   | 24   | 21   |
| kW    | 1.36    | 1.36                        | 1.36 | 1.4  | 1.53 | 1.53 | 1.52 | 1.5  | 1.71 | 1.71 | 1.70 | 1.7  | 1.91 | 1.90                                 | 1.90 | 1.9  | 2.12 | 2.12  | 2.12 | 2.1  | 2.38 | 2.38  | 2.38 | 2.4  |      |
| Amps  | 5.3     | 5.3                         | 5.3  | 5.4  | 6.1  | 6.1  | 6.1  | 6.1  | 6.9  | 6.9  | 6.9  | 6.9  | 7.8  | 7.8                                  | 7.8  | 7.8  | 8.8  | 8.8   | 8.8  | 8.8  | 10.0 | 10.0  | 10.0 | 10.0 |      |
| Hi PR | 245     | 246                         | 247  | 252  | 283  | 284  | 285  | 290  | 323  | 324  | 325  | 329  | 365  | 366                                  | 368  | 372  | 412  | 413   | 414  | 419  | 461  | 462   | 464  | 468  |      |
| Lo PR | 126     | 127                         | 130  | 135  | 133  | 135  | 138  | 143  | 140  | 141  | 144  | 149  | 145  | 147                                  | 150  | 155  | 150  | 152   | 155  | 160  | 157  | 159   | 162  | 167  |      |
| MBh   | 24.3    | 24.6                        | 25.3 | 26.3 | 24.1 | 24.4 | 25.1 | 26.1 | 23.5 | 23.8 | 24.5 | 25.5 | 22.4 | 22.8                                 | 23.4 | 24.5 | 21.2 | 21.5  | 22.2 | 23.2 | 20.0 | 20.3  | 21.0 | 22.1 |      |
| S/T   | 1.00    | 0.97                        | 0.84 | 0.7  | 1.00 | 1.00 | 0.84 | 0.7  | 1.00 | 1.00 | 0.87 | 0.7  | 1.00 | 1.00                                 | 0.89 | 0.7  | 1.00 | 1.00  | 0.91 | 0.8  | 1.00 | 1.00  | 1.00 | 0.8  |      |
| ΔT    | 27      | 26                          | 22   | 19   | 27   | 26   | 22   | 19   | 27   | 26   | 23   | 19   | 27   | 25                                   | 22   | 19   | 27   | 25    | 22   | 19   | 28   | 26    | 23   | 20   |      |
| kW    | 1.37    | 1.37                        | 1.37 | 1.4  | 1.54 | 1.53 | 1.53 | 1.5  | 1.72 | 1.72 | 1.71 | 1.7  | 1.91 | 1.91                                 | 1.91 | 1.9  | 2.13 | 2.13  | 2.13 | 2.1  | 2.39 | 2.39  | 2.39 | 2.4  |      |
| Amps  | 5.4     | 5.4                         | 5.3  | 5.4  | 6.1  | 6.1  | 6.1  | 6.1  | 6.9  | 6.9  | 6.9  | 7.0  | 7.8  | 7.8                                  | 7.8  | 7.9  | 8.8  | 8.8   | 8.8  | 8.9  | 10.0 | 10.0  | 10.0 | 10.1 |      |
| Hi PR | 247     | 248                         | 250  | 254  | 285  | 286  | 288  | 292  | 325  | 326  | 328  | 332  | 368  | 369                                  | 371  | 375  | 414  | 415   | 417  | 421  | 463  | 464   | 466  | 470  |      |
| Lo PR | 128     | 130                         | 133  | 138  | 136  | 137  | 140  | 145  | 142  | 144  | 147  | 152  | 147  | 149                                  | 152  | 157  | 153  | 154   | 157  | 163  | 160  | 161   | 164  | 169  |      |

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

EXPANDED COOLING DATA — GSZB403010A\* + AMST30BU1400A\*

| IDB       |      | OUTDOOR AMBIENT TEMPERATURE          |      |      |      |      |      |      |      |      |      |      |      | 105°F |      |      |      |      |      |      |      |      |      |      |      | 115°F |      |      |      |      |      |       |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------|------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|-------|------|------|------|------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|           |      | 65°F                                 |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F  |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |      |      |      |      | 115°F |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           |      | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |       |      |      |      |      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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   | 59    | 63   | 67   | 71   | 75   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>70</b> | MBh  | 28.5                                 | 28.9 | 29.8 | 30.1 | 31.4 | 28.3 | 28.7 | 29.5 | 30.1 | 31.2 | 27.5 | 27.9 | 28.8  | 29.1 | 30.4 | 26.2 | 26.6 | 27.5 | 27.8 | 28.0 | 28.1 | 28.5 | 29.3 | 29.3 | 26.8  | 27.2 | 28.0 | 28.0 | 25.2 | 25.6 | 26.5  | 26.5 | 23.8 | 24.2 | 25.0 | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | S/T  | 0.60                                 | 0.52 | 0.38 | 0.38 | 0.46 | 0.61 | 0.52 | 0.38 | 0.38 | 0.44 | 1.00 | 0.69 | 0.54  | 0.39 | 0.47 | 0.73 | 0.65 | 0.51 | 0.51 | 0.51 | 0.73 | 0.65 | 0.50 | 0.50 | 0.76  | 0.67 | 0.53 | 0.53 | 1.00 | 0.70 | 0.56  | 0.56 | 1.00 | 0.75 | 0.61 | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | ΔT   | 18                                   | 17   | 14   | 14   | 12   | 17   | 16   | 12   | 12   | 12   | 17   | 15   | 12    | 12   | 12   | 17   | 15   | 12   | 12   | 12   | 17   | 15   | 12   | 12   | 17    | 15   | 12   | 12   | 16   | 15   | 12    | 12   | 17   | 16   | 13   | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | kW   | 1.70                                 | 1.70 | 1.69 | 1.71 | 1.70 | 1.91 | 1.91 | 1.90 | 1.90 | 1.91 | 2.13 | 2.13 | 2.13  | 2.12 | 2.13 | 2.13 | 2.13 | 2.13 | 2.12 | 2.12 | 2.13 | 2.13 | 2.13 | 2.13 | 2.37  | 2.37 | 2.37 | 2.37 | 2.64 | 2.64 | 2.64  | 2.64 | 2.96 | 2.95 | 2.95 | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|           | Amps | 6.3                                  | 6.3  | 6.3  | 6.3  | 6.3  | 7.2  | 7.2  | 7.2  | 7.2  | 7.2  | 8.3  | 8.3  | 8.3   | 8.3  | 8.3  | 8.3  | 8.3  | 8.3  | 8.3  | 8.3  | 9.4  | 9.3  | 9.3  | 9.3  | 9.4   | 9.3  | 9.3  | 9.3  | 10.6 | 10.6 | 10.6  | 10.6 | 12.0 | 12.0 | 12.0 | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hi PR     | 247  | 248                                  | 250  | 250  | 252  | 288  | 289  | 291  | 291  | 292  | 329  | 330  | 332  | 332   | 332  | 332  | 373  | 374  | 376  | 376  | 376  | 373  | 374  | 376  | 376  | 373   | 374  | 376  | 420  | 421  | 423  | 423   | 471  | 472  | 474  | -    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lo PR     | 121  | 123                                  | 126  | 126  | 126  | 128  | 130  | 133  | 133  | 133  | 135  | 136  | 139  | 139   | 139  | 139  | 140  | 142  | 145  | 145  | 145  | 140  | 142  | 145  | 145  | 140   | 142  | 145  | 146  | 147  | 150  | 150   | 152  | 154  | 157  | -    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MBh       | 28.9 | 29.3                                 | 30.1 | 30.1 | 31.4 | 28.6 | 29.0 | 29.9 | 29.9 | 31.2 | 27.9 | 28.3 | 29.1 | 29.1  | 30.4 | 26.6 | 27.0 | 27.8 | 27.8 | 28.0 | 28.1 | 28.5 | 29.3 | 29.3 | 26.8 | 27.2  | 28.0 | 28.0 | 25.0 | 25.4 | 26.3 | 26.3  | 23.6 | 24.0 | 24.8 | -    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S/T       | 0.67 | 0.59                                 | 0.45 | 0.45 | 0.46 | 0.68 | 0.60 | 0.46 | 0.46 | 0.44 | 1.00 | 0.71 | 0.63 | 0.48  | 0.48 | 0.71 | 0.63 | 0.48 | 0.48 | 0.48 | 0.71 | 0.63 | 0.48 | 0.48 | 0.73 | 0.65  | 0.50 | 0.50 | 1.00 | 0.67 | 0.53 | 0.53  | 1.00 | 0.72 | 0.58 | -    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ΔT        | 17   | 16                                   | 12   | 12   | 12   | 17   | 16   | 12   | 12   | 12   | 17   | 15   | 12   | 12    | 12   | 17   | 15   | 12   | 12   | 12   | 17   | 15   | 12   | 12   | 17   | 15    | 12   | 12   | 16   | 15   | 12   | 12    | 17   | 16   | 13   | -    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| kW        | 1.71 | 1.71                                 | 1.70 | 1.71 | 1.70 | 1.91 | 1.91 | 1.90 | 1.90 | 1.91 | 2.13 | 2.13 | 2.13 | 2.12  | 2.13 | 2.13 | 2.13 | 2.13 | 2.12 | 2.12 | 2.13 | 2.13 | 2.13 | 2.13 | 2.37 | 2.37  | 2.37 | 2.37 | 2.64 | 2.64 | 2.64 | 2.64  | 2.96 | 2.95 | 2.95 | -    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Amps      | 6.3  | 6.3                                  | 6.3  | 6.3  | 6.3  | 7.2  | 7.2  | 7.2  | 7.2  | 7.2  | 8.3  | 8.3  | 8.3  | 8.3   | 8.3  | 8.3  | 8.3  | 8.3  | 8.3  | 8.3  | 9.4  | 9.3  | 9.3  | 9.3  | 9.4  | 9.3   | 9.3  | 9.3  | 10.6 | 10.6 | 10.6 | 10.6  | 12.0 | 12.0 | 12.0 | -    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hi PR     | 249  | 250                                  | 252  | 252  | 252  | 288  | 289  | 291  | 291  | 292  | 329  | 330  | 332  | 332   | 332  | 332  | 373  | 374  | 376  | 376  | 376  | 373  | 374  | 376  | 376  | 373   | 374  | 376  | 420  | 421  | 423  | 423   | 471  | 472  | 474  | -    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lo PR     | 121  | 123                                  | 126  | 126  | 126  | 128  | 130  | 133  | 133  | 133  | 135  | 136  | 139  | 139   | 139  | 140  | 142  | 145  | 145  | 145  | 145  | 140  | 142  | 145  | 145  | 140   | 142  | 145  | 146  | 147  | 150  | 150   | 152  | 154  | 157  | -    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <b>75</b> | MBh  | 28.6 | 29.0 | 29.8 | 31.1 | 31.4 | 28.3 | 28.7 | 29.6 | 30.9 | 31.2 | 27.9 | 28.3 | 29.1 | 30.4 | 26.6 | 27.0 | 27.8 | 27.8 | 28.0 | 28.1 | 28.5 | 29.3 | 29.3 | 26.8 | 27.2 | 28.0 | 28.0 | 25.0 | 25.4 | 26.3 | 26.3 | 23.6 | 24.0 | 24.8 | 26.1 |      |
|           | S/T  | 0.73 | 0.65 | 0.51 | 0.36 | 0.43 | 0.81 | 0.73 | 0.59 | 0.44 | 0.44 | 1.00 | 0.76 | 0.62 | 0.47 | 0.76 | 0.68 | 0.64 | 0.64 | 0.64 | 0.76 | 0.68 | 0.62 | 0.62 | 0.76 | 0.67 | 0.53 | 0.53 | 1.00 | 0.80 | 0.66 | 0.66 | 1.00 | 0.86 | 0.72 | 0.57 |      |
|           | ΔT   | 22   | 20   | 17   | 14   | 13   | 21   | 19   | 16   | 13   | 13   | 21   | 19   | 16   | 13   | 13   | 21   | 19   | 16   | 13   | 13   | 21   | 19   | 16   | 13   | 21   | 19   | 16   | 13   | 22   | 20   | 17   | 14   | 23   | 21   | 18   | 15   |
|           | kW   | 1.70 | 1.69 | 1.69 | 1.71 | 1.72 | 1.91 | 1.91 | 1.90 | 1.90 | 1.92 | 2.13 | 2.13 | 2.13 | 2.12 | 2.14 | 2.13 | 2.13 | 2.36 | 2.36 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.63 | 2.63 | 2.63 | 2.63 | 2.95 | 2.95 | 2.94 | 2.96 |      |
|           | Amps | 6.3  | 6.3  | 6.3  | 6.3  | 6.4  | 7.2  | 7.2  | 7.2  | 7.2  | 7.3  | 8.3  | 8.2  | 8.2  | 8.2  | 8.3  | 8.3  | 8.3  | 9.3  | 9.3  | 9.3  | 9.3  | 9.4  | 9.4  | 9.4  | 9.4  | 9.3  | 9.3  | 9.3  | 10.5 | 10.5 | 10.5 | 10.6 | 12.0 | 12.0 | 11.9 | 12.0 |
| Hi PR     | 247  | 248  | 250  | 254  | 254  | 286  | 287  | 289  | 293  | 293  | 327  | 328  | 330  | 334  | 334  | 371  | 372  | 374  | 378  | 378  | 378  | 373  | 374  | 376  | 376  | 373  | 374  | 376  | 419  | 420  | 421  | 426  | 469  | 470  | 472  | 476  |      |
| Lo PR     | 120  | 121  | 124  | 129  | 129  | 127  | 128  | 131  | 136  | 136  | 133  | 135  | 138  | 143  | 143  | 139  | 140  | 143  | 148  | 148  | 148  | 144  | 145  | 149  | 149  | 144  | 145  | 149  | 144  | 145  | 149  | 154  | 151  | 152  | 155  | 160  |      |
| MBh       | 28.9 | 29.3 | 30.1 | 31.4 | 31.4 | 28.6 | 29.0 | 29.9 | 31.2 | 31.2 | 27.9 | 28.3 | 29.1 | 30.4 | 30.4 | 26.6 | 27.0 | 27.8 | 29.2 | 29.2 | 29.2 | 28.5 | 29.3 | 29.3 | 26.8 | 27.2 | 28.0 | 28.0 | 25.0 | 25.4 | 26.3 | 27.6 | 23.6 | 24.0 | 24.8 | 26.1 |      |
| S/T       | 0.81 | 0.73 | 0.59 | 0.43 | 0.46 | 0.81 | 0.73 | 0.59 | 0.44 | 0.44 | 1.00 | 0.76 | 0.62 | 0.47 | 0.47 | 0.76 | 0.68 | 0.64 | 0.64 | 0.64 | 0.76 | 0.68 | 0.62 | 0.62 | 0.76 | 0.67 | 0.53 | 0.53 | 1.00 | 0.80 | 0.66 | 0.66 | 1.00 | 0.86 | 0.72 | 0.57 |      |
| ΔT        | 21   | 19   | 16   | 13   | 13   | 21   | 19   | 16   | 13   | 13   | 21   | 19   | 16   | 13   | 13   | 21   | 19   | 16   | 13   | 13   | 21   | 19   | 16   | 13   | 21   | 19   | 16   | 13   | 22   | 20   | 17   | 14   | 23   | 21   | 18   | 14   |      |
| kW        | 1.71 | 1.71 | 1.70 | 1.72 | 1.72 | 1.91 | 1.91 | 1.90 | 1.90 | 1.92 | 2.13 | 2.13 | 2.13 | 2.12 | 2.14 | 2.13 | 2.13 | 2.36 | 2.36 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.63 | 2.63 | 2.63 | 2.64 | 2.95 | 2.95 | 2.94 | 2.96 |      |      |
| Amps      | 6.3  | 6.3  | 6.3  | 6.4  | 6.4  | 7.2  | 7.2  | 7.2  | 7.2  | 7.3  | 8.3  | 8.2  | 8.2  | 8.2  | 8.3  | 8.3  | 8.3  | 9.3  | 9.3  | 9.3  | 9.3  | 9.4  | 9.4  | 9.4  | 9.4  | 9.3  | 9.3  | 9.3  | 10.6 | 10.6 | 10.6 | 10.6 | 12.0 | 12.0 | 12.0 | 12.1 |      |
| Hi PR     | 249  | 250  | 252  | 256  | 256  | 288  | 289  | 291  | 295  | 295  | 329  | 330  | 332  | 336  | 336  | 373  | 374  | 376  | 380  | 380  | 380  | 373  | 374  | 376  | 376  | 373  | 374  | 376  | 421  | 422  | 423  | 428  | 471  | 472  | 474  | 479  |      |
| Lo PR     | 121  | 123  | 126  | 131  | 131  | 128  | 129  | 133  | 138  | 138  | 135  | 136  | 139  | 145  | 145  | 140  | 142  | 145  | 150  | 150  | 150  | 146  | 147  | 150  | 150  | 146  | 147  | 150  | 146  | 147  | 150  | 155  | 152  | 154  | 157  | 162  |      |
| MBh       | 29.1 | 29.5 | 30.3 | 31.7 | 31.7 | 28.8 | 29.2 | 30.1 | 31.4 | 31.4 | 28.1 | 28.5 | 29.3 | 30.6 | 30.6 | 26.8 | 27.2 | 28.1 | 29.4 | 29.4 | 29.4 | 28.5 | 29.3 | 29.3 | 26.8 | 27.2 | 28.0 | 28.0 | 25.2 | 25.6 | 26.5 | 27.8 | 23.8 | 24.2 | 25.0 | 26.3 |      |
| S/T       | 0.84 | 0.76 | 0.61 | 0.46 | 0.46 | 0.84 | 0.76 | 0.62 | 0.47 | 0.47 | 1.00 | 0.79 | 0.65 | 0.50 | 0.50 | 0.79 | 0.65 | 0.52 | 0.52 | 0.52 | 0.79 | 0.65 | 0.50 | 0.50 | 0.76 | 0.67 | 0.52 | 0.52 | 1.00 | 0.83 | 0.69 | 0.69 | 1.00 | 1.00 | 0.75 | 0.60 |      |
| ΔT        | 20   | 19   | 16   | 12   | 12   | 20   | 19   | 16   | 12   | 12   | 20   | 19   | 16   | 13   | 13   | 20   | 19   | 16   | 12   | 12   | 20   | 19   | 16   | 13   | 20   | 19   | 16   | 12   | 20   | 18   | 15   | 12   | 21   | 19   | 16   | 13   |      |
| kW        | 1.71 | 1.71 | 1.71 | 1.72 | 1.72 | 1.91 | 1.91 | 1.91 | 1.91 | 1.92 | 2.13 | 2.13 | 2.13 | 2.13 | 2.14 | 2.13 | 2.13 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.37 | 2.65 | 2.65 | 2.63 | 2.65 | 2.95 | 2.95 | 2.95 | 2.96 |      |      |
| Amps      | 6.4  | 6.3  | 6.3  | 6.4  | 6.4  | 7.3  | 7.3  | 7.2  | 7.3  | 7.3  | 8.3  | 8.3  | 8.3  | 8.3  | 8.3  | 8.3  | 8.3  | 9.4  | 9.4  | 9.4  | 9.4  | 9.4  | 9.4  | 9.4  | 9.4  | 9.3  | 9.3  | 9.3  | 10.6 | 10.6 | 10.6 | 10.6 | 12.0 | 12.0 | 12.0 | 12.1 |      |
| Hi PR     | 250  | 251  | 253  | 257  | 257  | 289  | 290  | 292  | 296  | 296  | 330  | 331  | 333  | 337  | 337  | 374  | 375  | 377  | 381  | 381  | 381  | 374  | 375  | 377  | 377  | 374  | 375  | 377  | 422  | 423  | 425  | 429  | 472  | 474  | 475  | 480  |      |
| Lo PR     | 122  | 124  | 127  | 132  | 132  | 129  | 131  | 134  | 139  | 139  | 136  | 137  | 140  | 145  | 145  | 141  | 143  | 146  | 151  | 151  | 151  | 147  | 148  | 151  | 151  | 147  | 148  | 151  | 147  | 148  | 151  | 156  | 153  | 155  | 158  | 163  |      |

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



EXPANDED COOLING DATA — GSZB403010A\* + AMST30BU1400A\* (CONT.)

| IDB  | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |       |    |    |    |    |
|------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|-------|----|----|----|----|
|      |         | 65°F                        |      |      |      |      | 75°F |      |      |      |      | 85°F |      |      |      |      | 95°F |      |      |      |      | 105°F |      |      |      |      | 115°F |    |    |    |    |
|      |         | 59                          | 63   | 67   | 71   | 75   | 59   | 63   | 67   | 71   | 75   | 59   | 63   | 67   | 71   | 75   | 59   | 63   | 67   | 71   | 75   | 59    | 63   | 67   | 71   | 75   | 59    | 63 | 67 | 71 | 75 |
| 80   | 875     | MBh                         | 28.7 | 29.1 | 30.0 | 31.3 | 28.4 | 28.9 | 29.7 | 31.0 | 27.7 | 28.1 | 29.0 | 30.3 | 26.4 | 26.8 | 27.7 | 29.0 | 24.8 | 25.2 | 26.1 | 27.4  | 23.4 | 23.8 | 24.7 | 26.0 |       |    |    |    |    |
|      |         | S/T                         | 0.87 | 0.79 | 0.64 | 0.49 | 1.00 | 0.79 | 0.65 | 0.50 | 1.00 | 0.82 | 0.68 | 0.53 | 1.00 | 0.84 | 0.70 | 0.55 | 1.00 | 1.00 | 0.72 | 0.57  | 1.00 | 1.00 | 0.77 | 0.62 |       |    |    |    |    |
|      |         | ΔT                          | 25   | 24   | 21   | 18   | 25   | 24   | 21   | 18   | 26   | 24   | 21   | 18   | 25   | 24   | 21   | 18   | 25   | 24   | 20   | 17    | 26   | 25   | 21   | 18   |       |    |    |    |    |
|      |         | kW                          | 1.70 | 1.70 | 1.69 | 1.71 | 1.90 | 1.89 | 1.89 | 1.91 | 2.12 | 2.12 | 2.11 | 2.13 | 2.36 | 2.36 | 2.35 | 2.37 | 2.63 | 2.62 | 2.62 | 2.64  | 2.94 | 2.94 | 2.93 | 2.95 |       |    |    |    |    |
|      |         | Amps                        | 6.3  | 6.3  | 6.3  | 6.3  | 7.2  | 7.2  | 7.2  | 7.2  | 8.2  | 8.2  | 8.2  | 8.3  | 9.3  | 9.3  | 9.3  | 9.4  | 10.5 | 10.5 | 10.5 | 10.6  | 12.0 | 12.0 | 11.9 | 12.0 |       |    |    |    |    |
|      | 1000    | MBh                         | 24.7 | 24.8 | 25.0 | 25.4 | 28.6 | 28.8 | 28.9 | 29.4 | 32.7 | 32.8 | 33.0 | 33.5 | 37.2 | 37.3 | 37.4 | 37.9 | 41.9 | 42.0 | 42.2 | 42.6  | 47.0 | 47.1 | 47.3 | 47.7 |       |    |    |    |    |
|      |         | S/T                         | 1.20 | 1.22 | 1.25 | 1.30 | 1.27 | 1.29 | 1.32 | 1.37 | 1.34 | 1.35 | 1.38 | 1.43 | 1.39 | 1.41 | 1.44 | 1.49 | 1.44 | 1.46 | 1.49 | 1.54  | 1.51 | 1.53 | 1.56 | 1.61 |       |    |    |    |    |
|      |         | ΔT                          | 29.0 | 29.4 | 30.3 | 31.6 | 28.8 | 29.2 | 30.0 | 31.3 | 28.0 | 28.4 | 29.3 | 30.6 | 26.7 | 27.1 | 28.0 | 29.3 | 25.2 | 25.6 | 26.4 | 27.7  | 23.7 | 24.1 | 25.0 | 26.3 |       |    |    |    |    |
|      |         | kW                          | 0.94 | 0.86 | 0.72 | 0.57 | 1.00 | 0.87 | 0.72 | 0.57 | 1.00 | 0.89 | 0.75 | 0.60 | 1.00 | 0.91 | 0.77 | 0.62 | 1.00 | 1.00 | 0.79 | 0.64  | 1.00 | 1.00 | 0.85 | 0.70 |       |    |    |    |    |
|      |         | Amps                        | 2.4  | 2.3  | 2.0  | 1.7  | 2.4  | 2.3  | 2.0  | 1.7  | 2.5  | 2.3  | 2.0  | 1.7  | 2.4  | 2.3  | 2.0  | 1.6  | 2.4  | 2.2  | 1.9  | 1.6   | 2.5  | 2.4  | 2.0  | 1.7  |       |    |    |    |    |
| 1070 | MBh     | 1.71                        | 1.71 | 1.70 | 1.72 | 1.91 | 1.90 | 1.90 | 1.92 | 2.13 | 2.13 | 2.12 | 2.14 | 2.37 | 2.37 | 2.36 | 2.38 | 2.64 | 2.63 | 2.63 | 2.65 | 2.95  | 2.95 | 2.95 | 2.96 |      |       |    |    |    |    |
|      | S/T     | 0.63                        | 0.63 | 0.63 | 0.64 | 0.72 | 0.72 | 0.72 | 0.73 | 0.83 | 0.82 | 0.82 | 0.83 | 0.94 | 0.93 | 0.93 | 0.94 | 10.6 | 10.6 | 10.6 | 10.6 | 12.0  | 12.0 | 12.0 | 12.1 |      |       |    |    |    |    |
|      | ΔT      | 24.9                        | 25.0 | 25.2 | 25.7 | 28.9 | 29.0 | 29.1 | 29.6 | 32.9 | 33.1 | 33.2 | 33.7 | 37.4 | 37.5 | 37.6 | 38.1 | 42.1 | 42.2 | 42.4 | 42.8 | 47.2  | 47.3 | 47.5 | 47.9 |      |       |    |    |    |    |
|      | kW      | 1.22                        | 1.23 | 1.26 | 1.31 | 1.29 | 1.30 | 1.34 | 1.39 | 1.35 | 1.37 | 1.40 | 1.45 | 1.41 | 1.42 | 1.45 | 1.50 | 1.46 | 1.48 | 1.51 | 1.56 | 1.53  | 1.54 | 1.57 | 1.62 |      |       |    |    |    |    |
|      | Amps    | 29.2                        | 29.6 | 30.5 | 31.8 | 29.0 | 29.4 | 30.2 | 31.5 | 28.2 | 28.6 | 29.5 | 30.8 | 26.9 | 27.3 | 28.2 | 29.5 | 25.4 | 25.8 | 26.6 | 27.9 | 23.9  | 24.3 | 25.2 | 26.5 |      |       |    |    |    |    |

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85   | 875  | MBh  | 29.2 | 29.6 | 30.4 | 31.8 | 28.9 | 29.3 | 30.2 | 31.5 | 28.2 | 28.6 | 29.4 | 30.8 | 26.9 | 27.3 | 28.2 | 29.5 | 25.3 | 25.7 | 26.6 | 27.9 | 23.9 | 24.3 | 25.1 | 26.5 |
|      |      | S/T  | 1.00 | 0.89 | 0.75 | 0.6  | 1.00 | 0.90 | 0.76 | 0.6  | 1.00 | 0.92 | 0.78 | 0.63 | 1.00 | 0.94 | 0.80 | 0.7  | 1.00 | 1.00 | 0.83 | 0.7  | 1.00 | 1.00 | 0.88 | 0.7  |
|      |      | ΔT   | 29   | 27   | 24   | 21   | 29   | 27   | 24   | 21   | 29   | 27   | 24   | 21   | 29   | 27   | 24   | 21   | 28   | 27   | 24   | 21   | 29   | 28   | 25   | 22   |
|      |      | kW   | 1.70 | 1.70 | 1.70 | 1.7  | 1.90 | 1.90 | 1.89 | 1.9  | 2.12 | 2.12 | 2.12 | 2.1  | 2.36 | 2.36 | 2.36 | 2.4  | 2.63 | 2.63 | 2.62 | 2.6  | 2.94 | 2.94 | 2.94 | 3.0  |
|      |      | Amps | 6.3  | 6.3  | 6.3  | 6.3  | 7.2  | 7.2  | 7.2  | 7.3  | 8.2  | 8.2  | 8.2  | 8.3  | 9.3  | 9.3  | 9.3  | 9.4  | 10.5 | 10.5 | 10.5 | 10.6 | 12.0 | 12.0 | 12.0 | 12.0 |
|      | 1000 | MBh  | 24.9 | 25.0 | 25.1 | 25.6 | 28.8 | 28.9 | 29.0 | 29.5 | 32.9 | 33.0 | 33.1 | 33.6 | 37.3 | 37.4 | 37.5 | 38.0 | 42.0 | 42.1 | 42.3 | 42.7 | 47.1 | 47.2 | 47.4 | 47.8 |
|      |      | S/T  | 1.22 | 1.23 | 1.26 | 1.32 | 1.29 | 1.31 | 1.34 | 1.39 | 1.36 | 1.37 | 1.40 | 1.45 | 1.41 | 1.42 | 1.46 | 1.51 | 1.46 | 1.48 | 1.51 | 1.56 | 1.53 | 1.54 | 1.58 | 1.63 |
|      |      | ΔT   | 29.5 | 29.9 | 30.8 | 32.1 | 29.3 | 29.7 | 30.5 | 31.8 | 28.5 | 28.9 | 29.8 | 31.1 | 27.2 | 27.6 | 28.5 | 29.8 | 25.6 | 26.0 | 26.9 | 28.2 | 24.2 | 24.6 | 25.5 | 26.8 |
|      |      | kW   | 1.00 | 0.97 | 0.82 | 0.7  | 1.00 | 0.97 | 0.83 | 0.7  | 1.00 | 0.90 | 0.86 | 0.7  | 1.00 | 0.94 | 0.88 | 0.7  | 1.00 | 1.00 | 0.90 | 0.8  | 1.00 | 1.00 | 1.00 | 0.8  |
|      |      | Amps | 28   | 26   | 23   | 20   | 28   | 26   | 23   | 20   | 28   | 26   | 23   | 20   | 28   | 26   | 23   | 20   | 27   | 26   | 23   | 19   | 28   | 27   | 24   | 21   |
| 1070 | MBh  | 1.71 | 1.71 | 1.71 | 1.7  | 1.91 | 1.91 | 1.91 | 1.9  | 2.13 | 2.13 | 2.13 | 2.1  | 2.37 | 2.37 | 2.37 | 2.4  | 2.64 | 2.64 | 2.63 | 2.6  | 2.95 | 2.95 | 2.95 | 3.0  |      |
|      | S/T  | 0.63 | 0.63 | 0.63 | 0.64 | 0.73 | 0.73 | 0.73 | 0.73 | 0.83 | 0.83 | 0.83 | 0.83 | 0.94 | 0.94 | 0.94 | 0.94 | 10.6 | 10.6 | 10.6 | 10.6 | 12.0 | 12.0 | 12.0 | 12.1 |      |
|      | ΔT   | 25.1 | 25.2 | 25.3 | 25.8 | 29.0 | 29.1 | 29.2 | 29.7 | 33.1 | 33.2 | 33.3 | 33.8 | 37.5 | 37.6 | 37.8 | 38.2 | 42.2 | 42.3 | 42.5 | 42.9 | 47.3 | 47.4 | 47.6 | 48.0 |      |
|      | kW   | 1.23 | 1.25 | 1.28 | 1.33 | 1.31 | 1.32 | 1.35 | 1.40 | 1.37 | 1.39 | 1.42 | 1.47 | 1.43 | 1.44 | 1.47 | 1.52 | 1.48 | 1.49 | 1.52 | 1.58 | 1.55 | 1.56 | 1.59 | 1.64 |      |
|      | Amps | 29.7 | 30.1 | 31.0 | 32.3 | 29.5 | 29.9 | 30.7 | 32.0 | 28.7 | 29.1 | 30.0 | 31.3 | 27.4 | 27.8 | 28.7 | 30.0 | 25.8 | 26.3 | 27.1 | 28.4 | 24.4 | 24.8 | 25.7 | 27.0 |      |

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

EXPANDED COOLING DATA — GSZB403610A\* + AMST36CU1400A\*

| IDB   | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |     |      |      |      |     |      |      |      |     | ENTERING INDOOR WET BULB TEMPERATURE |      |      |     |       |      |      |     |       |      |      |    |
|-------|---------|-----------------------------|------|------|-----|------|------|------|-----|------|------|------|-----|--------------------------------------|------|------|-----|-------|------|------|-----|-------|------|------|----|
|       |         | 65°F                        |      |      |     | 75°F |      |      |     | 85°F |      |      |     | 95°F                                 |      |      |     | 105°F |      |      |     | 115°F |      |      |    |
|       |         | 59                          | 63   | 67   | 71  | 59   | 63   | 67   | 71  | 59   | 63   | 67   | 71  | 59                                   | 63   | 67   | 71  | 59    | 63   | 67   | 71  | 59    | 63   | 67   | 71 |
| 70    | MBh     | 35.1                        | 35.6 | 36.7 | -   | 34.8 | 35.3 | 36.4 | -   | 33.9 | 34.4 | 35.4 | -   | 32.3                                 | 32.8 | 33.9 | -   | 30.4  | 30.9 | 31.9 | -   | 28.7  | 29.1 | 30.2 | -  |
|       | S/T     | 0.60                        | 0.53 | 0.40 | -   | 0.61 | 0.54 | 0.41 | -   | 0.63 | 0.56 | 0.43 | -   | 0.65                                 | 0.58 | 0.45 | -   | 0.67  | 0.60 | 0.47 | -   | 1.00  | 0.65 | 0.52 | -  |
|       | ΔT      | 18                          | 17   | 13   | -   | 18   | 17   | 13   | -   | 18   | 17   | 14   | -   | 18                                   | 16   | 13   | -   | 18    | 16   | 13   | -   | 19    | 17   | 14   | -  |
|       | kW      | 2.07                        | 2.07 | 2.06 | -   | 2.32 | 2.31 | 2.31 | -   | 2.59 | 2.59 | 2.58 | -   | 2.89                                 | 2.88 | 2.88 | -   | 3.22  | 3.22 | 3.21 | -   | 3.61  | 3.61 | 3.60 | -  |
|       | Amps    | 7.8                         | 7.7  | 7.7  | -   | 8.9  | 8.9  | 8.8  | -   | 10.1 | 10.1 | 10.1 | -   | 11.5                                 | 11.5 | 11.5 | -   | 13.0  | 13.0 | 13.0 | -   | 14.8  | 14.8 | 14.8 | -  |
|       | Hi PR   | 247                         | 248  | 250  | -   | 286  | 287  | 289  | -   | 326  | 327  | 329  | -   | 370                                  | 371  | 373  | -   | 417   | 419  | 420  | -   | 468   | 469  | 471  | -  |
| Lo PR | 119     | 120                         | 123  | -    | 126 | 128  | 131  | -    | 132 | 134  | 137  | -    | 138 | 139                                  | 142  | -    | 143 | 144   | 147  | -    | 149 | 151   | 154  | -    |    |
| 1050  | MBh     | 35.5                        | 36.0 | 37.0 | -   | 35.1 | 35.6 | 36.7 | -   | 34.2 | 34.7 | 35.8 | -   | 32.7                                 | 33.2 | 34.2 | -   | 30.7  | 31.2 | 32.3 | -   | 29.0  | 29.5 | 30.5 | -  |
|       | S/T     | 0.64                        | 0.57 | 0.44 | -   | 0.65 | 0.57 | 0.44 | -   | 0.67 | 0.60 | 0.47 | -   | 0.69                                 | 0.62 | 0.49 | -   | 1.00  | 0.64 | 0.51 | -   | 1.00  | 0.69 | 0.56 | -  |
|       | ΔT      | 18                          | 16   | 13   | -   | 18   | 16   | 13   | -   | 18   | 16   | 13   | -   | 18                                   | 16   | 13   | -   | 17    | 16   | 12   | -   | 18    | 17   | 13   | -  |
|       | kW      | 2.08                        | 2.08 | 2.07 | -   | 2.32 | 2.32 | 2.32 | -   | 2.60 | 2.60 | 2.59 | -   | 2.90                                 | 2.89 | 2.89 | -   | 3.23  | 3.23 | 3.22 | -   | 3.62  | 3.61 | 3.61 | -  |
|       | Amps    | 7.8                         | 7.8  | 7.8  | -   | 8.9  | 8.9  | 8.9  | -   | 10.2 | 10.2 | 10.1 | -   | 11.5                                 | 11.5 | 11.5 | -   | 13.0  | 13.0 | 13.0 | -   | 14.8  | 14.8 | 14.8 | -  |
|       | Hi PR   | 248                         | 249  | 251  | -   | 287  | 288  | 290  | -   | 328  | 329  | 331  | -   | 372                                  | 373  | 374  | -   | 419   | 420  | 422  | -   | 469   | 470  | 472  | -  |
| Lo PR | 120     | 122                         | 125  | -    | 127 | 129  | 132  | -    | 134 | 135  | 138  | -    | 139 | 140                                  | 143  | -    | 144 | 146   | 149  | -    | 151 | 152   | 155  | -    |    |
| 1350  | MBh     | 36.3                        | 36.7 | 37.8 | -   | 35.9 | 36.4 | 37.5 | -   | 35.0 | 35.5 | 36.6 | -   | 33.5                                 | 34.0 | 35.0 | -   | 31.5  | 32.0 | 33.1 | -   | 29.8  | 30.3 | 31.3 | -  |
|       | S/T     | 0.68                        | 0.61 | 0.48 | -   | 0.69 | 0.61 | 0.48 | -   | 0.71 | 0.64 | 0.51 | -   | 0.73                                 | 0.66 | 0.52 | -   | 1.00  | 0.68 | 0.55 | -   | 1.00  | 0.73 | 0.60 | -  |
|       | ΔT      | 16                          | 15   | 11   | -   | 16   | 15   | 11   | -   | 17   | 15   | 12   | -   | 16                                   | 15   | 11   | -   | 16    | 14   | 11   | -   | 17    | 15   | 12   | -  |
|       | kW      | 2.09                        | 2.09 | 2.09 | -   | 2.34 | 2.34 | 2.33 | -   | 2.61 | 2.61 | 2.61 | -   | 2.91                                 | 2.91 | 2.90 | -   | 3.24  | 3.24 | 3.24 | -   | 3.63  | 3.63 | 3.62 | -  |
|       | Amps    | 7.9                         | 7.8  | 7.8  | -   | 9.0  | 9.0  | 9.0  | -   | 10.2 | 10.2 | 10.2 | -   | 11.6                                 | 11.6 | 11.6 | -   | 13.1  | 13.1 | 13.1 | -   | 14.9  | 14.9 | 14.9 | -  |
|       | Hi PR   | 251                         | 252  | 254  | -   | 290  | 291  | 293  | -   | 331  | 332  | 333  | -   | 375                                  | 376  | 377  | -   | 422   | 423  | 425  | -   | 472   | 473  | 475  | -  |
| Lo PR | 123     | 124                         | 127  | -    | 130 | 131  | 134  | -    | 136 | 138  | 141  | -    | 142 | 143                                  | 146  | -    | 147 | 148   | 151  | -    | 153 | 155   | 158  | -    |    |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75    | MBh   | 35.1 | 35.6 | 36.7 | 38.3 | 34.8 | 35.3 | 36.4 | 38.0 | 33.9 | 34.4 | 35.5 | 37.1 | 32.4 | 32.8 | 33.9 | 35.5 | 30.4 | 30.9 | 32.0 | 33.6 | 28.7 | 29.2 | 30.2 | 31.8 |
|       | S/T   | 0.73 | 0.65 | 0.52 | 0.39 | 0.73 | 0.66 | 0.53 | 0.39 | 0.76 | 0.68 | 0.55 | 0.42 | 1.00 | 0.70 | 0.57 | 0.44 | 1.00 | 0.72 | 0.59 | 0.46 | 1.00 | 0.77 | 0.64 | 0.51 |
|       | ΔT    | 22   | 20   | 17   | 14   | 22   | 20   | 17   | 14   | 22   | 21   | 17   | 14   | 22   | 20   | 17   | 14   | 22   | 20   | 17   | 14   | 23   | 21   | 18   | 15   |
|       | kW    | 2.07 | 2.07 | 2.06 | 2.08 | 2.31 | 2.31 | 2.31 | 2.33 | 2.59 | 2.59 | 2.58 | 2.60 | 2.89 | 2.88 | 2.88 | 2.90 | 3.22 | 3.21 | 3.21 | 3.23 | 3.61 | 3.60 | 3.60 | 3.62 |
|       | Amps  | 7.7  | 7.7  | 7.7  | 7.8  | 8.9  | 8.9  | 8.8  | 8.9  | 10.1 | 10.1 | 10.1 | 10.2 | 11.5 | 11.5 | 11.5 | 11.5 | 13.0 | 13.0 | 13.0 | 13.1 | 14.8 | 14.8 | 14.8 | 14.8 |
|       | Hi PR | 247  | 248  | 250  | 254  | 286  | 287  | 289  | 293  | 327  | 328  | 329  | 334  | 370  | 372  | 373  | 378  | 418  | 419  | 420  | 425  | 468  | 469  | 471  | 475  |
| Lo PR | 119   | 120  | 123  | 128  | 126  | 128  | 131  | 136  | 132  | 134  | 137  | 142  | 138  | 139  | 142  | 147  | 143  | 144  | 147  | 152  | 149  | 151  | 154  | 159  |      |
| 1150  | MBh   | 35.5 | 36.0 | 37.0 | 38.6 | 35.2 | 35.7 | 36.7 | 38.3 | 34.3 | 34.7 | 35.8 | 37.4 | 32.7 | 33.2 | 34.2 | 35.8 | 30.8 | 31.3 | 32.3 | 33.9 | 29.0 | 29.5 | 30.5 | 32.1 |
|       | S/T   | 0.76 | 0.69 | 0.56 | 0.42 | 0.77 | 0.70 | 0.57 | 0.43 | 1.00 | 0.72 | 0.59 | 0.45 | 1.00 | 0.74 | 0.61 | 0.47 | 1.00 | 0.76 | 0.63 | 0.49 | 1.00 | 0.81 | 0.68 | 0.54 |
|       | ΔT    | 21   | 20   | 16   | 13   | 21   | 20   | 16   | 13   | 22   | 20   | 17   | 13   | 21   | 20   | 16   | 13   | 21   | 19   | 16   | 13   | 22   | 20   | 17   | 14   |
|       | kW    | 2.08 | 2.07 | 2.07 | 2.09 | 2.32 | 2.32 | 2.32 | 2.34 | 2.60 | 2.59 | 2.59 | 2.61 | 2.89 | 2.89 | 2.89 | 2.91 | 3.23 | 3.22 | 3.22 | 3.24 | 3.61 | 3.61 | 3.61 | 3.63 |
|       | Amps  | 7.8  | 7.8  | 7.8  | 7.8  | 8.9  | 8.9  | 8.9  | 9.0  | 10.2 | 10.2 | 10.1 | 10.2 | 11.5 | 11.5 | 11.5 | 11.6 | 13.0 | 13.0 | 13.0 | 13.1 | 14.8 | 14.8 | 14.8 | 14.9 |
|       | Hi PR | 249  | 250  | 251  | 256  | 287  | 288  | 290  | 294  | 328  | 329  | 331  | 335  | 372  | 373  | 375  | 379  | 419  | 420  | 422  | 426  | 470  | 471  | 472  | 477  |
| Lo PR | 120   | 122  | 125  | 130  | 127  | 129  | 132  | 137  | 134  | 135  | 138  | 143  | 139  | 140  | 143  | 148  | 144  | 146  | 149  | 154  | 151  | 152  | 155  | 160  |      |
| 1350  | MBh   | 36.3 | 36.8 | 37.8 | 39.4 | 36.0 | 36.5 | 37.5 | 39.1 | 35.0 | 35.5 | 36.6 | 38.2 | 33.5 | 34.0 | 35.0 | 36.6 | 31.6 | 32.0 | 33.1 | 34.7 | 29.8 | 30.3 | 31.3 | 32.9 |
|       | S/T   | 0.80 | 0.73 | 0.60 | 0.46 | 0.81 | 0.74 | 0.61 | 0.47 | 1.00 | 0.76 | 0.63 | 0.49 | 1.00 | 0.78 | 0.65 | 0.51 | 1.00 | 0.80 | 0.67 | 0.53 | 1.00 | 1.00 | 0.72 | 0.58 |
|       | ΔT    | 20   | 18   | 15   | 12   | 20   | 18   | 15   | 12   | 20   | 19   | 15   | 12   | 20   | 18   | 15   | 12   | 20   | 18   | 15   | 12   | 21   | 19   | 16   | 13   |
|       | kW    | 2.09 | 2.09 | 2.09 | 2.10 | 2.34 | 2.33 | 2.33 | 2.35 | 2.61 | 2.61 | 2.61 | 2.62 | 2.91 | 2.91 | 2.90 | 2.92 | 3.24 | 3.24 | 3.23 | 3.25 | 3.63 | 3.63 | 3.62 | 3.64 |
|       | Amps  | 7.8  | 7.8  | 7.8  | 7.9  | 9.0  | 9.0  | 8.9  | 9.0  | 10.2 | 10.2 | 10.2 | 10.3 | 11.6 | 11.6 | 11.6 | 11.6 | 13.1 | 13.1 | 13.1 | 13.2 | 14.9 | 14.9 | 14.9 | 14.9 |
|       | Hi PR | 251  | 252  | 254  | 258  | 290  | 291  | 293  | 297  | 331  | 332  | 334  | 338  | 375  | 376  | 378  | 382  | 422  | 423  | 425  | 429  | 472  | 473  | 475  | 479  |
| Lo PR | 123   | 124  | 127  | 132  | 130  | 132  | 135  | 140  | 136  | 138  | 141  | 146  | 142  | 143  | 146  | 151  | 147  | 148  | 151  | 156  | 153  | 155  | 158  | 163  |      |

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

EXPANDED COOLING DATA — GSZB403610A\* + AMST36CU1400A\* (CONT.)

| IDB   | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|
|       |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F |      |      |      | 105°F |      |      |      | 115°F |      |      |      |
|       |         | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |
| 80    | MBh     | 35.3                        | 35.8 | 36.9 | 38.5 | 35.0 | 35.5 | 36.6 | 38.2 | 34.1 | 34.6 | 35.6 | 37.2 | 32.5 | 33.0 | 34.1 | 35.7 | 30.6  | 31.1 | 32.1 | 33.7 | 28.9  | 29.4 | 30.4 | 32.0 |
|       | S/T     | 0.85                        | 0.77 | 0.64 | 0.51 | 1.00 | 0.78 | 0.65 | 0.51 | 1.00 | 0.80 | 0.67 | 0.54 | 1.00 | 0.82 | 0.69 | 0.56 | 1.00  | 0.84 | 0.71 | 0.58 | 1.00  | 1.00 | 0.76 | 0.63 |
|       | ΔT      | 26                          | 24   | 21   | 18   | 26   | 24   | 21   | 18   | 26   | 24   | 21   | 18   | 26   | 24   | 21   | 18   | 26    | 24   | 21   | 17   | 27    | 25   | 22   | 18   |
|       | kW      | 2.07                        | 2.07 | 2.06 | 2.08 | 2.32 | 2.31 | 2.31 | 2.33 | 2.59 | 2.59 | 2.58 | 2.60 | 2.89 | 2.88 | 2.88 | 2.90 | 3.22  | 3.22 | 3.21 | 3.23 | 3.61  | 3.61 | 3.60 | 3.62 |
|       | Amps    | 7.7                         | 7.7  | 7.7  | 7.8  | 8.9  | 8.9  | 8.8  | 8.9  | 10.1 | 10.1 | 10.1 | 10.2 | 11.5 | 11.5 | 11.5 | 11.5 | 13.0  | 13.0 | 13.0 | 13.1 | 14.8  | 14.8 | 14.8 | 14.8 |
|       | Hi PR   | 248                         | 249  | 250  | 255  | 286  | 287  | 289  | 293  | 327  | 328  | 330  | 334  | 371  | 372  | 374  | 378  | 418   | 419  | 421  | 425  | 469   | 470  | 471  | 476  |
|       | Lo PR   | 119                         | 121  | 124  | 129  | 127  | 128  | 131  | 136  | 133  | 134  | 137  | 142  | 138  | 140  | 143  | 148  | 143   | 145  | 148  | 153  | 150   | 151  | 154  | 160  |
|       | MBh     | 35.7                        | 36.2 | 37.2 | 38.8 | 35.3 | 35.8 | 36.9 | 38.5 | 34.4 | 34.9 | 36.0 | 37.6 | 32.9 | 33.4 | 34.4 | 36.0 | 30.9  | 31.4 | 32.5 | 34.1 | 29.2  | 29.7 | 30.7 | 32.3 |
|       | S/T     | 0.89                        | 0.81 | 0.68 | 0.54 | 1.00 | 0.82 | 0.69 | 0.55 | 1.00 | 0.84 | 0.71 | 0.57 | 1.00 | 0.86 | 0.73 | 0.59 | 1.00  | 1.00 | 0.75 | 0.61 | 1.00  | 1.00 | 0.80 | 0.66 |
|       | ΔT      | 25                          | 23   | 20   | 17   | 25   | 23   | 20   | 17   | 25   | 24   | 20   | 17   | 25   | 23   | 20   | 17   | 25    | 23   | 20   | 17   | 26    | 24   | 21   | 18   |
| kW    | 2.08    | 2.08                        | 2.07 | 2.09 | 2.32 | 2.32 | 2.32 | 2.34 | 2.60 | 2.60 | 2.59 | 2.61 | 2.89 | 2.89 | 2.89 | 2.91 | 3.23 | 3.22  | 3.22 | 3.24 | 3.62 | 3.61  | 3.61 | 3.63 |      |
| Amps  | 7.8     | 7.8                         | 7.8  | 7.8  | 8.9  | 8.9  | 8.9  | 9.0  | 10.2 | 10.2 | 10.1 | 10.2 | 11.5 | 11.5 | 11.5 | 11.6 | 13.0 | 13.0  | 13.0 | 13.1 | 14.8 | 14.8  | 14.8 | 14.9 |      |
| Hi PR | 249     | 250                         | 252  | 256  | 288  | 289  | 291  | 295  | 329  | 330  | 331  | 336  | 372  | 373  | 375  | 379  | 420  | 421   | 422  | 427  | 470  | 471   | 473  | 477  |      |
| Lo PR | 121     | 122                         | 125  | 130  | 128  | 129  | 132  | 137  | 134  | 136  | 139  | 144  | 139  | 141  | 144  | 149  | 145  | 146   | 149  | 154  | 151  | 153   | 156  | 161  |      |
| MBh   | 36.5    | 37.0                        | 38.0 | 39.6 | 36.1 | 36.6 | 37.7 | 39.3 | 35.2 | 35.7 | 36.8 | 38.4 | 33.7 | 34.2 | 35.2 | 36.8 | 31.7 | 32.2  | 33.3 | 34.9 | 30.0 | 30.5  | 31.5 | 33.1 |      |
| S/T   | 1.00    | 0.85                        | 0.72 | 0.58 | 1.00 | 0.86 | 0.73 | 0.59 | 1.00 | 0.88 | 0.75 | 0.61 | 1.00 | 0.90 | 0.77 | 0.63 | 1.00 | 1.00  | 0.79 | 0.65 | 1.00 | 1.00  | 0.84 | 0.70 |      |
| ΔT    | 24      | 22                          | 19   | 16   | 24   | 22   | 19   | 16   | 24   | 22   | 19   | 16   | 24   | 22   | 19   | 16   | 24   | 22    | 19   | 15   | 25   | 23    | 20   | 17   |      |
| kW    | 2.09    | 2.09                        | 2.09 | 2.11 | 2.34 | 2.34 | 2.33 | 2.35 | 2.61 | 2.61 | 2.61 | 2.63 | 2.91 | 2.91 | 2.90 | 2.92 | 3.24 | 3.24  | 3.24 | 3.25 | 3.63 | 3.63  | 3.62 | 3.64 |      |
| Amps  | 7.9     | 7.8                         | 7.8  | 7.9  | 9.0  | 9.0  | 9.0  | 9.0  | 10.2 | 10.2 | 10.2 | 10.3 | 11.6 | 11.6 | 11.6 | 11.7 | 13.1 | 13.1  | 13.1 | 13.2 | 14.9 | 14.9  | 14.9 | 15.0 |      |
| Hi PR | 252     | 253                         | 255  | 259  | 291  | 292  | 293  | 298  | 331  | 332  | 334  | 338  | 375  | 376  | 378  | 382  | 422  | 423   | 425  | 430  | 473  | 474   | 476  | 480  |      |
| Lo PR | 123     | 125                         | 128  | 133  | 131  | 132  | 135  | 140  | 137  | 138  | 141  | 146  | 142  | 144  | 147  | 152  | 147  | 149   | 152  | 157  | 154  | 155   | 158  | 164  |      |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85    | MBh   | 35.9 | 36.4 | 37.5 | 39.1 | 35.6 | 36.1 | 37.1 | 38.7 | 34.7 | 35.2 | 36.2 | 37.8 | 33.1 | 33.6 | 34.7 | 36.3 | 31.2 | 31.7 | 32.7 | 34.3 | 29.4 | 29.9 | 31.0 | 32.6 |
|       | S/T   | 1.00 | 0.87 | 0.74 | 0.6  | 1.00 | 0.88 | 0.75 | 0.6  | 1.00 | 1.00 | 0.77 | 0.6  | 1.00 | 1.00 | 0.79 | 0.7  | 1.00 | 1.00 | 0.81 | 0.7  | 1.00 | 1.00 | 0.86 | 0.7  |
|       | ΔT    | 29   | 28   | 24   | 21   | 29   | 27   | 24   | 21   | 29   | 28   | 25   | 21   | 29   | 27   | 24   | 21   | 29   | 27   | 24   | 21   | 30   | 28   | 25   | 22   |
|       | kW    | 2.07 | 2.07 | 2.07 | 2.1  | 2.32 | 2.32 | 2.31 | 2.3  | 2.59 | 2.59 | 2.59 | 2.6  | 2.89 | 2.89 | 2.88 | 2.9  | 3.22 | 3.22 | 3.22 | 3.2  | 3.61 | 3.61 | 3.61 | 3.6  |
|       | Amps  | 7.8  | 7.8  | 7.7  | 7.8  | 8.9  | 8.9  | 8.9  | 9.0  | 10.2 | 10.1 | 10.1 | 10.2 | 11.5 | 11.5 | 11.5 | 11.6 | 13.0 | 13.0 | 13.0 | 13.1 | 14.8 | 14.8 | 14.8 | 14.9 |
|       | Hi PR | 249  | 250  | 251  | 256  | 288  | 289  | 290  | 295  | 328  | 329  | 331  | 335  | 372  | 373  | 375  | 379  | 419  | 420  | 422  | 426  | 470  | 471  | 473  | 477  |
|       | Lo PR | 121  | 123  | 126  | 131  | 128  | 130  | 133  | 138  | 135  | 136  | 139  | 144  | 140  | 141  | 144  | 150  | 145  | 147  | 150  | 155  | 152  | 153  | 156  | 161  |
|       | MBh   | 36.2 | 36.7 | 37.8 | 39.4 | 35.9 | 36.4 | 37.5 | 39.1 | 35.0 | 35.5 | 36.6 | 38.2 | 33.4 | 33.9 | 35.0 | 36.6 | 31.5 | 32.0 | 33.1 | 34.7 | 29.8 | 30.3 | 31.3 | 32.9 |
|       | S/T   | 1.00 | 0.91 | 0.78 | 0.6  | 1.00 | 0.92 | 0.78 | 0.6  | 1.00 | 1.00 | 0.81 | 0.7  | 1.00 | 1.00 | 0.83 | 0.7  | 1.00 | 1.00 | 0.85 | 0.7  | 1.00 | 1.00 | 0.90 | 0.8  |
|       | ΔT    | 29   | 27   | 24   | 20   | 29   | 27   | 24   | 20   | 29   | 27   | 24   | 20   | 28   | 27   | 24   | 20   | 28   | 27   | 23   | 20   | 29   | 28   | 24   | 21   |
| kW    | 2.08  | 2.08 | 2.08 | 2.1  | 2.33 | 2.33 | 2.32 | 2.3  | 2.60 | 2.60 | 2.60 | 2.6  | 2.90 | 2.90 | 2.89 | 2.9  | 3.23 | 3.23 | 3.23 | 3.2  | 3.62 | 3.62 | 3.61 | 3.6  |      |
| Amps  | 7.8   | 7.8  | 7.8  | 7.9  | 8.9  | 8.9  | 8.9  | 9.0  | 10.2 | 10.2 | 10.2 | 10.3 | 11.6 | 11.5 | 11.5 | 11.6 | 13.1 | 13.1 | 13.0 | 13.1 | 14.8 | 14.8 | 14.8 | 14.9 |      |
| Hi PR | 250   | 251  | 253  | 257  | 289  | 290  | 292  | 296  | 330  | 331  | 332  | 337  | 373  | 375  | 376  | 381  | 421  | 422  | 424  | 428  | 471  | 472  | 474  | 478  |      |
| Lo PR | 122   | 124  | 127  | 132  | 130  | 131  | 134  | 139  | 136  | 137  | 140  | 145  | 141  | 143  | 146  | 151  | 146  | 148  | 151  | 156  | 153  | 154  | 157  | 163  |      |
| MBh   | 37.0  | 37.5 | 38.6 | 40.2 | 36.7 | 37.2 | 38.3 | 39.9 | 35.8 | 36.3 | 37.4 | 39.0 | 34.2 | 34.7 | 35.8 | 37.4 | 32.3 | 32.8 | 33.9 | 35.5 | 30.6 | 31.1 | 32.1 | 33.7 |      |
| S/T   | 1.00  | 0.95 | 0.82 | 0.7  | 1.00 | 0.95 | 0.82 | 0.7  | 1.00 | 1.00 | 0.85 | 0.7  | 1.00 | 1.00 | 0.87 | 0.7  | 1.00 | 1.00 | 0.89 | 0.8  | 1.00 | 1.00 | 1.00 | 0.8  |      |
| ΔT    | 27    | 26   | 22   | 19   | 27   | 26   | 22   | 19   | 28   | 26   | 23   | 19   | 27   | 26   | 22   | 19   | 27   | 25   | 22   | 19   | 28   | 26   | 23   | 20   |      |
| kW    | 2.10  | 2.10 | 2.09 | 2.1  | 2.34 | 2.34 | 2.34 | 2.4  | 2.62 | 2.62 | 2.61 | 2.6  | 2.91 | 2.91 | 2.91 | 2.9  | 3.25 | 3.24 | 3.24 | 3.3  | 3.64 | 3.63 | 3.63 | 3.6  |      |
| Amps  | 7.9   | 7.9  | 7.8  | 7.9  | 9.0  | 9.0  | 9.0  | 9.1  | 10.3 | 10.2 | 10.2 | 10.3 | 11.6 | 11.6 | 11.6 | 11.7 | 13.1 | 13.1 | 13.1 | 13.2 | 14.9 | 14.9 | 14.9 | 15.0 |      |
| Hi PR | 253   | 254  | 256  | 260  | 292  | 293  | 295  | 299  | 333  | 334  | 335  | 340  | 376  | 377  | 379  | 383  | 424  | 425  | 426  | 431  | 474  | 475  | 477  | 481  |      |
| Lo PR | 125   | 127  | 130  | 135  | 132  | 134  | 137  | 142  | 139  | 140  | 143  | 148  | 144  | 145  | 148  | 154  | 149  | 151  | 154  | 159  | 156  | 157  | 160  | 165  |      |

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

EXPANDED COOLING DATA — GSZB404210A\* + AMST42CU1400A\*

| IDB                                  | Airflow | Outdoor Ambient Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |       |    |    |    |    |    |
|--------------------------------------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|-------|----|----|----|----|----|
|                                      |         | 65°F                        |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |      |      |      |      | 115°F |    |    |    |    |    |
|                                      |         | 59                          | 63   | 67   | 71   | 75   | 79   | 59   | 63   | 67   | 71   | 75   | 79   | 59   | 63   | 67   | 71   | 75   | 79   | 59   | 63   | 67   | 71   | 75   | 79   | 59    | 63   | 67   | 71   | 75   | 79   | 59    | 63 | 67 | 71 | 75 | 79 |
| Entering Indoor Wet Bulb Temperature |         |                             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |       |    |    |    |    |    |
| 70                                   | MBh     | 40.9                        | 41.4 | 42.6 | -    | 40.5 | 41.1 | 42.3 | -    | 39.4 | 40.0 | 41.2 | -    | 37.6 | 38.2 | 39.4 | -    | 35.4 | 35.9 | 37.2 | -    | 33.3 | 33.9 | 35.1 | -    | 35.4  | 35.9 | 37.2 | -    | 33.3 | 33.9 | 35.1  | -  |    |    |    |    |
|                                      | S/T     | 0.63                        | 0.55 | 0.42 | -    | 0.63 | 0.56 | 0.42 | -    | 0.66 | 0.58 | 0.45 | -    | 0.68 | 0.60 | 0.47 | -    | 1.00 | 0.63 | 0.49 | -    | 1.00 | 0.68 | 0.54 | -    | 1.00  | 0.63 | 0.49 | -    | 1.00 | 0.68 | 0.54  | -  |    |    |    |    |
|                                      | ΔT      | 19                          | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 18   | 17   | 13   | -    | 19   | 18   | 14   | -    | 18    | 17   | 13   | -    | 19   | 18   | 14    | -  |    |    |    |    |
|                                      | kW      | 2.42                        | 2.42 | 2.41 | -    | 2.70 | 2.70 | 2.70 | -    | 3.02 | 3.01 | 3.01 | -    | 3.36 | 3.35 | 3.35 | -    | 3.74 | 3.73 | 3.73 | -    | 4.18 | 4.18 | 4.17 | -    | 3.74  | 3.73 | 3.73 | -    | 4.18 | 4.18 | 4.17  | -  |    |    |    |    |
|                                      | Amps    | 9.0                         | 9.0  | 9.0  | -    | 10.3 | 10.3 | 10.3 | -    | 11.7 | 11.7 | 11.7 | -    | 13.3 | 13.3 | 13.3 | -    | 15.0 | 15.0 | 15.0 | -    | 17.1 | 17.1 | 17.0 | -    | 15.0  | 15.0 | 15.0 | -    | 17.1 | 17.1 | 17.0  | -  |    |    |    |    |
|                                      | Hi PR   | 240                         | 241  | 243  | -    | 278  | 279  | 281  | -    | 318  | 319  | 321  | -    | 361  | 362  | 363  | -    | 407  | 408  | 409  | -    | 456  | 457  | 458  | -    | 407   | 408  | 409  | -    | 456  | 457  | 458   | -  |    |    |    |    |
|                                      | Lo PR   | 120                         | 121  | 124  | -    | 127  | 129  | 132  | -    | 134  | 135  | 138  | -    | 139  | 140  | 143  | -    | 144  | 146  | 149  | -    | 151  | 152  | 155  | -    | 144   | 146  | 149  | -    | 151  | 152  | 155   | -  |    |    |    |    |
|                                      | MBh     | 41.2                        | 41.8 | 43.0 | -    | 40.9 | 41.4 | 42.7 | -    | 39.8 | 40.4 | 41.6 | -    | 38.0 | 38.5 | 39.8 | -    | 35.7 | 36.3 | 37.5 | -    | 33.7 | 34.3 | 35.5 | -    | 35.7  | 36.3 | 37.5 | -    | 33.7 | 34.3 | 35.5  | -  |    |    |    |    |
|                                      | S/T     | 0.67                        | 0.59 | 0.45 | -    | 0.67 | 0.60 | 0.46 | -    | 0.70 | 0.62 | 0.49 | -    | 0.72 | 0.64 | 0.51 | -    | 1.00 | 0.66 | 0.53 | -    | 1.00 | 0.71 | 0.58 | -    | 1.00  | 0.66 | 0.53 | -    | 1.00 | 0.71 | 0.58  | -  |    |    |    |    |
|                                      | ΔT      | 18                          | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 19   | 17   | 14   | -    | 18    | 16   | 13   | -    | 19   | 17   | 14    | -  |    |    |    |    |
| kW                                   | 2.43    | 2.43                        | 2.42 | -    | 2.71 | 2.71 | 2.71 | -    | 3.03 | 3.02 | 3.02 | -    | 3.37 | 3.36 | 3.36 | -    | 3.75 | 3.74 | 3.74 | -    | 4.19 | 4.19 | 4.18 | -    | 3.75 | 3.74  | 3.74 | -    | 4.19 | 4.19 | 4.18 | -     |    |    |    |    |    |
| Amps                                 | 9.1     | 9.1                         | 9.0  | -    | 10.3 | 10.3 | 10.3 | -    | 11.8 | 11.8 | 11.8 | -    | 13.3 | 13.3 | 13.3 | -    | 15.1 | 15.1 | 15.0 | -    | 17.1 | 17.1 | 17.1 | -    | 15.1 | 15.1  | 15.0 | -    | 17.1 | 17.1 | 17.1 | -     |    |    |    |    |    |
| Hi PR                                | 242     | 243                         | 245  | -    | 280  | 281  | 282  | -    | 319  | 320  | 322  | -    | 362  | 363  | 365  | -    | 408  | 409  | 411  | -    | 457  | 458  | 460  | -    | 408  | 409   | 411  | -    | 457  | 458  | 460  | -     |    |    |    |    |    |
| Lo PR                                | 121     | 123                         | 126  | -    | 128  | 130  | 133  | -    | 135  | 136  | 139  | -    | 140  | 142  | 145  | -    | 145  | 147  | 150  | -    | 152  | 154  | 157  | -    | 145  | 147   | 150  | -    | 152  | 154  | 157  | -     |    |    |    |    |    |
| MBh                                  | 42.2    | 42.7                        | 44.0 | -    | 41.8 | 42.4 | 43.6 | -    | 40.7 | 41.3 | 42.5 | -    | 38.9 | 39.5 | 40.7 | -    | 36.7 | 37.3 | 38.5 | -    | 34.6 | 35.2 | 36.4 | -    | 36.7 | 37.3  | 38.5 | -    | 34.6 | 35.2 | 36.4 | -     |    |    |    |    |    |
| S/T                                  | 0.71    | 0.63                        | 0.50 | -    | 0.71 | 0.64 | 0.50 | -    | 0.74 | 0.66 | 0.53 | -    | 0.76 | 0.68 | 0.55 | -    | 1.00 | 0.70 | 0.57 | -    | 1.00 | 0.76 | 0.62 | -    | 1.00 | 0.70  | 0.57 | -    | 1.00 | 0.76 | 0.62 | -     |    |    |    |    |    |
| ΔT                                   | 17      | 15                          | 12   | -    | 17   | 15   | 12   | -    | 17   | 15   | 12   | -    | 17   | 15   | 12   | -    | 16   | 15   | 11   | -    | 18   | 16   | 13   | -    | 16   | 15    | 11   | -    | 18   | 16   | 13   | -     |    |    |    |    |    |
| kW                                   | 2.45    | 2.45                        | 2.44 | -    | 2.73 | 2.73 | 2.72 | -    | 3.04 | 3.04 | 3.04 | -    | 3.38 | 3.38 | 3.38 | -    | 3.76 | 3.76 | 3.76 | -    | 4.21 | 4.21 | 4.20 | -    | 3.76 | 3.76  | 3.76 | -    | 4.21 | 4.21 | 4.20 | -     |    |    |    |    |    |
| Amps                                 | 9.1     | 9.1                         | 9.1  | -    | 10.4 | 10.4 | 10.4 | -    | 11.9 | 11.9 | 11.8 | -    | 13.4 | 13.4 | 13.4 | -    | 15.2 | 15.1 | 15.1 | -    | 17.2 | 17.2 | 17.2 | -    | 15.2 | 15.1  | 15.1 | -    | 17.2 | 17.2 | 17.2 | -     |    |    |    |    |    |
| Hi PR                                | 245     | 246                         | 247  | -    | 282  | 283  | 285  | -    | 322  | 323  | 325  | -    | 365  | 366  | 368  | -    | 411  | 412  | 414  | -    | 460  | 461  | 463  | -    | 411  | 412   | 414  | -    | 460  | 461  | 463  | -     |    |    |    |    |    |
| Lo PR                                | 124     | 125                         | 128  | -    | 131  | 133  | 136  | -    | 138  | 139  | 142  | -    | 143  | 144  | 148  | -    | 148  | 150  | 153  | -    | 155  | 156  | 159  | -    | 148  | 150   | 153  | -    | 155  | 156  | 159  | -     |    |    |    |    |    |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |             |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|-------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75    | MBh   | 40.9 | 41.5 | 42.7 | 44.5 | 40.9 | 41.5 | 42.7 | 44.5 | 39.8 | 40.4 | 41.6 | 43.5 | 38.0        | <b>38.6</b> | 39.8 | 41.6 | 35.8 | 36.3 | 37.6 | 39.4 | 33.3 | 33.9 | 35.1 | 37.0 | 35.8 | 36.3 | 37.6 | 39.4 | 33.3 | 33.9 | 35.1 | 37.0 |
|       | S/T   | 0.76 | 0.68 | 0.55 | 0.41 | 0.80 | 0.73 | 0.59 | 0.45 | 1.00 | 0.75 | 0.62 | 0.47 | 1.00        | <b>0.77</b> | 0.63 | 0.49 | 1.00 | 0.79 | 0.66 | 0.51 | 1.00 | 0.81 | 0.67 | 0.53 | 1.00 | 0.79 | 0.66 | 0.51 | 1.00 | 0.84 | 0.71 | 0.57 |
|       | ΔT    | 23   | 21   | 18   | 14   | 23   | 20   | 17   | 13   | 22   | 20   | 17   | 14   | 22          | <b>20</b>   | 17   | 13   | 22   | 20   | 17   | 13   | 23   | 22   | 18   | 15   | 22   | 20   | 17   | 13   | 23   | 21   | 18   | 14   |
|       | kW    | 2.42 | 2.42 | 2.41 | 2.43 | 2.70 | 2.70 | 2.69 | 2.72 | 3.01 | 3.01 | 3.01 | 3.03 | 3.35        | <b>3.36</b> | 3.36 | 3.38 | 3.74 | 3.74 | 3.74 | 3.76 | 4.19 | 4.18 | 4.17 | 4.19 | 3.74 | 3.74 | 3.74 | 3.76 | 4.19 | 4.19 | 4.18 | 4.19 |
|       | Amps  | 9.0  | 9.0  | 9.0  | 9.1  | 10.3 | 10.3 | 10.3 | 10.4 | 11.7 | 11.7 | 11.7 | 11.8 | 13.3        | <b>13.3</b> | 13.3 | 13.4 | 15.0 | 15.0 | 15.0 | 15.1 | 17.1 | 17.1 | 17.0 | 17.1 | 15.0 | 15.0 | 15.0 | 15.1 | 17.1 | 17.1 | 17.0 | 17.1 |
|       | Hi PR | 241  | 242  | 243  | 248  | 278  | 280  | 281  | 285  | 318  | 319  | 321  | 325  | 361         | <b>363</b>  | 365  | 369  | 407  | 408  | 410  | 414  | 456  | 457  | 459  | 463  | 407  | 408  | 410  | 414  | 456  | 457  | 459  | 463  |
|       | Lo PR | 120  | 121  | 124  | 130  | 127  | 129  | 132  | 137  | 134  | 135  | 138  | 143  | 139         | <b>142</b>  | 145  | 150  | 144  | 146  | 149  | 154  | 151  | 152  | 155  | 160  | 144  | 146  | 149  | 154  | 151  | 152  | 155  | 160  |
|       | MBh   | 41.3 | 41.8 | 43.0 | 44.9 | 40.9 | 41.5 | 42.7 | 44.5 | 39.8 | 40.4 | 41.6 | 43.5 | 38.0        | <b>38.6</b> | 39.8 | 41.6 | 35.8 | 36.3 | 37.6 | 39.4 | 33.7 | 34.3 | 35.5 | 37.4 | 35.8 | 36.3 | 37.6 | 39.4 | 33.7 | 34.3 | 35.5 | 37.4 |
|       | S/T   | 0.80 | 0.72 | 0.58 | 0.44 | 0.80 | 0.73 | 0.59 | 0.45 | 1.00 | 0.75 | 0.62 | 0.47 | 1.00        | <b>0.77</b> | 0.63 | 0.49 | 1.00 | 0.79 | 0.66 | 0.51 | 1.00 | 0.84 | 0.71 | 0.57 | 1.00 | 0.79 | 0.66 | 0.51 | 1.00 | 0.84 | 0.71 | 0.57 |
|       | ΔT    | 22   | 20   | 17   | 13   | 22   | 20   | 17   | 13   | 22   | 20   | 17   | 14   | 22          | <b>20</b>   | 17   | 13   | 22   | 20   | 17   | 13   | 23   | 21   | 18   | 14   | 22   | 20   | 17   | 13   | 23   | 21   | 18   | 14   |
| kW    | 2.43  | 2.43 | 2.42 | 2.44 | 2.71 | 2.71 | 2.70 | 2.72 | 3.02 | 3.02 | 3.02 | 3.04 | 3.36 | <b>3.36</b> | 3.36        | 3.38 | 3.74 | 3.74 | 3.74 | 3.76 | 4.19 | 4.19 | 4.18 | 4.20 | 3.74 | 3.74 | 3.74 | 3.76 | 4.19 | 4.19 | 4.18 | 4.20 |      |
| Amps  | 9.1   | 9.0  | 9.0  | 9.1  | 10.3 | 10.3 | 10.3 | 10.4 | 11.8 | 11.8 | 11.7 | 11.8 | 13.3 | <b>13.3</b> | 13.3        | 13.4 | 15.1 | 15.1 | 15.0 | 15.1 | 17.1 | 17.1 | 17.1 | 17.2 | 15.1 | 15.1 | 15.0 | 15.1 | 17.1 | 17.1 | 17.1 | 17.2 |      |
| Hi PR | 242   | 243  | 245  | 249  | 280  | 281  | 283  | 287  | 320  | 321  | 322  | 326  | 362  | <b>363</b>  | 365         | 369  | 408  | 409  | 411  | 415  | 457  | 458  | 460  | 464  | 408  | 409  | 411  | 415  | 457  | 458  | 460  | 464  |      |
| Lo PR | 121   | 123  | 126  | 131  | 128  | 130  | 133  | 138  | 135  | 136  | 139  | 144  | 140  | <b>142</b>  | 145         | 150  | 145  | 147  | 150  | 155  | 152  | 154  | 157  | 162  | 145  | 147  | 150  | 155  | 152  | 154  | 157  | 162  |      |
| MBh   | 42.2  | 42.8 | 44.0 | 45.8 | 41.8 | 42.4 | 43.6 | 45.5 | 40.8 | 41.3 | 42.6 | 44.4 | 38.9 | 39.5        | 40.7        | 42.6 | 36.7 | 37.3 | 38.5 | 40.3 | 34.7 | 35.2 | 36.5 | 38.3 | 36.7 | 37.3 | 38.5 | 40.3 | 34.7 | 35.2 | 36.5 | 38.3 |      |
| S/T   | 0.84  | 0.76 | 0.63 | 0.48 | 0.84 | 0.77 | 0.63 | 0.49 | 1.00 | 0.79 | 0.66 | 0.51 | 1.00 | 0.81        | 0.68        | 0.53 | 1.00 | 0.83 | 0.70 | 0.55 | 1.00 | 1.00 | 0.75 | 0.61 | 1.00 | 0.83 | 0.70 | 0.55 | 1.00 | 1.00 | 0.75 | 0.61 |      |
| ΔT    | 21    | 19   | 16   | 12   | 21   | 19   | 16   | 12   | 21   | 19   | 16   | 12   | 21   | 19          | 16          | 12   | 20   | 19   | 15   | 12   | 21   | 20   | 16   | 13   | 20   | 19   | 15   | 12   | 21   | 20   | 16   | 13   |      |
| kW    | 2.45  | 2.44 | 2.44 | 2.46 | 2.73 | 2.72 | 2.72 | 2.74 | 3.04 | 3.04 | 3.03 | 3.06 | 3.38 | 3.38        | 3.37        | 3.40 | 3.76 | 3.76 | 3.75 | 3.78 | 4.21 | 4.20 | 4.20 | 4.22 | 3.76 | 3.76 | 3.75 | 3.78 | 4.21 | 4.20 | 4.20 | 4.22 |      |
| Amps  | 9.1   | 9.1  | 9.1  | 9.2  | 10.4 | 10.4 | 10.4 | 10.5 | 11.9 | 11.8 | 11.8 | 11.9 | 13.4 | 13.4        | 13.4        | 13.5 | 15.1 | 15.1 | 15.1 | 15.1 | 17.2 | 17.2 | 17.2 | 17.3 | 15.1 | 15.1 | 15.1 | 15.1 | 17.2 | 17.2 | 17.2 | 17.3 |      |
| Hi PR | 245   | 246  | 248  | 252  | 283  | 284  | 285  | 290  | 322  | 323  | 325  | 329  | 365  | 366         | 368         | 372  | 411  | 412  | 414  | 418  | 460  | 461  | 463  | 467  | 411  | 412  | 414  | 418  | 460  | 461  | 463  | 467  |      |
| Lo PR | 124   | 125  | 129  | 134  | 131  | 133  | 136  | 141  | 138  | 139  | 142  | 147  | 143  | 144         | 148         | 153  | 148  | 150  | 153  | 158  | 155  | 156  | 159  | 165  | 148  | 150  | 153  | 158  | 155  | 156  | 159  | 165  |      |

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

EXPANDED COOLING DATA — GSZB404210A\* + AMST42CU1400A\* (CONT.)

| IDB   | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | ENTERING INDOOR WET BULB TEMPERATURE |            |             |      |       |      |      |      |       |      |      |      |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------|------------|-------------|------|-------|------|------|------|-------|------|------|------|
|       |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F                                 |            |             |      | 105°F |      |      |      | 115°F |      |      |      |
|       |         | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59                                   | 63         | 67          | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |
| 80    | MBh     | 41.1                        | 41.7 | 42.9 | 44.7 | 40.7 | 41.3 | 42.5 | 44.4 | 39.7 | 40.2 | 41.5 | 43.3 | 37.8                                 | 38.4       | 39.6        | 41.5 | 35.6  | 36.2 | 37.4 | 39.2 | 33.6  | 34.1 | 35.3 | 37.2 |
|       | S/T     | 0.88                        | 0.81 | 0.67 | 0.53 | 1.00 | 0.81 | 0.68 | 0.53 | 1.00 | 0.84 | 0.70 | 0.56 | 1.00                                 | 0.86       | 0.72        | 0.58 | 1.00  | 1.00 | 0.74 | 0.60 | 1.00  | 1.00 | 0.80 | 0.65 |
|       | ΔT      | 26                          | 25   | 21   | 18   | 26   | 25   | 21   | 18   | 27   | 25   | 22   | 18   | 26                                   | 25         | 21          | 18   | 26    | 24   | 21   | 18   | 27    | 26   | 22   | 19   |
|       | kW      | 2.42                        | 2.42 | 2.41 | 2.44 | 2.70 | 2.70 | 2.70 | 2.72 | 3.02 | 3.01 | 3.01 | 3.03 | 3.36                                 | 3.35       | 3.35        | 3.37 | 3.74  | 3.73 | 3.73 | 3.75 | 4.18  | 4.18 | 4.17 | 4.20 |
|       | Amps    | 9.0                         | 9.0  | 9.0  | 9.1  | 10.3 | 10.3 | 10.3 | 10.4 | 11.7 | 11.7 | 11.7 | 11.8 | 13.3                                 | 13.3       | 13.3        | 13.4 | 15.0  | 15.0 | 15.0 | 15.1 | 17.1  | 17.1 | 17.1 | 17.1 |
|       | Hi PR   | 241                         | 242  | 244  | 248  | 279  | 280  | 282  | 286  | 319  | 320  | 321  | 325  | 361                                  | 362        | 364         | 368  | 407   | 408  | 410  | 414  | 456   | 457  | 459  | 463  |
| Lo PR | 121     | 122                         | 125  | 130  | 128  | 129  | 132  | 137  | 134  | 136  | 139  | 144  | 140  | 141                                  | 144        | 149         | 145  | 146   | 149  | 154  | 151  | 153   | 156  | 161  |      |
| 1225  | MBh     | 41.5                        | 42.0 | 43.3 | 45.1 | 41.1 | 41.7 | 42.9 | 44.7 | 40.0 | 40.6 | 41.8 | 43.7 | 38.2                                 | 38.8       | <b>40.0</b> | 41.9 | 36.0  | 36.5 | 37.8 | 39.6 | 33.9  | 34.5 | 35.7 | 37.6 |
|       | S/T     | 0.92                        | 0.85 | 0.71 | 0.57 | 1.00 | 0.85 | 0.72 | 0.57 | 1.00 | 0.88 | 0.74 | 0.60 | 1.00                                 | 0.90       | <b>0.76</b> | 0.62 | 1.00  | 1.00 | 0.78 | 0.64 | 1.00  | 1.00 | 0.83 | 0.69 |
|       | ΔT      | 26                          | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 26                                   | 24         | <b>21</b>   | 17   | 25    | 24   | 20   | 17   | 27    | 25   | 22   | 18   |
|       | kW      | 2.43                        | 2.43 | 2.42 | 2.44 | 2.71 | 2.71 | 2.70 | 2.73 | 3.03 | 3.02 | 3.02 | 3.04 | 3.37                                 | 3.36       | <b>3.36</b> | 3.38 | 3.75  | 3.74 | 3.74 | 3.76 | 4.19  | 4.19 | 4.18 | 4.21 |
|       | Amps    | 9.1                         | 9.0  | 9.0  | 9.1  | 10.3 | 10.3 | 10.3 | 10.4 | 11.8 | 11.8 | 11.8 | 11.9 | 13.3                                 | 13.3       | <b>13.3</b> | 13.4 | 15.1  | 15.1 | 15.0 | 15.1 | 17.1  | 17.1 | 17.1 | 17.2 |
|       | Hi PR   | 242                         | 244  | 245  | 249  | 280  | 281  | 283  | 287  | 320  | 321  | 323  | 327  | 363                                  | 364        | <b>365</b>  | 370  | 409   | 410  | 411  | 416  | 458   | 459  | 461  | 465  |
| Lo PR | 122     | 123                         | 126  | 131  | 129  | 130  | 134  | 139  | 135  | 137  | 140  | 145  | 141  | 142                                  | <b>145</b> | 150         | 146  | 147   | 151  | 156  | 153  | 154   | 157  | 162  |      |
| 1575  | MBh     | 42.4                        | 43.0 | 44.2 | 46.0 | 42.0 | 42.6 | 43.8 | 45.7 | 41.0 | 41.5 | 42.8 | 44.6 | 39.1                                 | 39.7       | 40.9        | 42.8 | 36.9  | 37.5 | 38.7 | 40.6 | 34.9  | 35.4 | 36.7 | 38.5 |
|       | S/T     | 1.00                        | 0.89 | 0.75 | 0.61 | 1.00 | 0.89 | 0.76 | 0.61 | 1.00 | 0.92 | 0.78 | 0.64 | 1.00                                 | 0.94       | 0.80        | 0.66 | 1.00  | 1.00 | 0.82 | 0.68 | 1.00  | 1.00 | 0.87 | 0.73 |
|       | ΔT      | 25                          | 23   | 19   | 16   | 24   | 23   | 19   | 16   | 25   | 23   | 20   | 16   | 24                                   | 23         | 19          | 16   | 24    | 22   | 19   | 16   | 25    | 24   | 20   | 17   |
|       | kW      | 2.45                        | 2.45 | 2.44 | 2.46 | 2.73 | 2.73 | 2.72 | 2.74 | 3.04 | 3.04 | 3.04 | 3.06 | 3.38                                 | 3.38       | 3.38        | 3.40 | 3.76  | 3.76 | 3.76 | 3.78 | 4.21  | 4.21 | 4.20 | 4.22 |
|       | Amps    | 9.1                         | 9.1  | 9.1  | 9.2  | 10.4 | 10.4 | 10.4 | 10.5 | 11.9 | 11.9 | 11.8 | 11.9 | 13.4                                 | 13.4       | 13.4        | 13.5 | 15.2  | 15.1 | 15.1 | 15.2 | 17.2  | 17.2 | 17.2 | 17.3 |
|       | Hi PR   | 245                         | 246  | 248  | 252  | 283  | 284  | 286  | 290  | 323  | 324  | 325  | 330  | 365                                  | 366        | 368         | 372  | 411   | 412  | 414  | 418  | 461   | 462  | 463  | 467  |
| Lo PR | 125     | 126                         | 129  | 134  | 132  | 133  | 136  | 141  | 138  | 140  | 143  | 148  | 144  | 145                                  | 148        | 153         | 149  | 150   | 153  | 158  | 155  | 157   | 160  | 165  |      |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85    | MBh   | 41.8 | 42.3 | 43.6 | 45.4 | 41.4 | 42.0 | 43.2 | 45.1 | 40.3 | 40.9 | 42.1 | 44.0 | 38.5 | 39.1 | 40.3 | 42.2 | 36.3 | 36.9 | 38.1 | 39.9 | 34.2 | 34.8 | 36.0 | 37.9 |
|       | S/T   | 1.00 | 0.91 | 0.77 | 0.6  | 1.00 | 0.91 | 0.78 | 0.6  | 1.00 | 1.00 | 0.80 | 0.7  | 1.00 | 1.00 | 0.82 | 0.7  | 1.00 | 1.00 | 0.85 | 0.7  | 1.00 | 1.00 | 0.90 | 0.8  |
|       | ΔT    | 30   | 28   | 25   | 21   | 30   | 28   | 25   | 21   | 30   | 28   | 25   | 22   | 30   | 28   | 25   | 21   | 30   | 28   | 25   | 21   | 31   | 29   | 26   | 22   |
|       | kW    | 2.43 | 2.42 | 2.42 | 2.4  | 2.71 | 2.71 | 2.70 | 2.7  | 3.02 | 3.02 | 3.01 | 3.0  | 3.36 | 3.36 | 3.35 | 3.4  | 3.74 | 3.74 | 3.73 | 3.8  | 4.19 | 4.18 | 4.18 | 4.2  |
|       | Amps  | 9.0  | 9.0  | 9.0  | 9.1  | 10.3 | 10.3 | 10.3 | 10.4 | 11.8 | 11.8 | 11.7 | 11.8 | 13.3 | 13.3 | 13.3 | 13.4 | 15.1 | 15.0 | 15.0 | 15.1 | 17.1 | 17.1 | 17.1 | 17.2 |
|       | Hi PR | 242  | 243  | 245  | 249  | 280  | 281  | 283  | 287  | 320  | 321  | 322  | 327  | 362  | 363  | 365  | 369  | 408  | 409  | 411  | 415  | 458  | 459  | 460  | 464  |
| Lo PR | 122   | 124  | 127  | 132  | 130  | 131  | 134  | 139  | 136  | 137  | 140  | 146  | 141  | 143  | 146  | 151  | 147  | 148  | 151  | 156  | 153  | 155  | 158  | 163  |      |
| 1225  | MBh   | 42.2 | 42.7 | 43.9 | 45.8 | 41.8 | 42.4 | 43.6 | 45.4 | 40.7 | 41.3 | 42.5 | 44.4 | 38.9 | 39.5 | 40.7 | 42.5 | 36.7 | 37.2 | 38.5 | 40.3 | 34.6 | 35.2 | 36.4 | 38.3 |
|       | S/T   | 1.00 | 0.95 | 0.81 | 0.7  | 1.00 | 0.95 | 0.82 | 0.7  | 1.00 | 1.00 | 0.84 | 0.7  | 1.00 | 1.00 | 0.86 | 0.7  | 1.00 | 1.00 | 0.88 | 0.7  | 1.00 | 1.00 | 1.00 | 0.8  |
|       | ΔT    | 29   | 27   | 24   | 21   | 29   | 27   | 24   | 21   | 29   | 28   | 24   | 21   | 29   | 27   | 24   | 21   | 29   | 27   | 24   | 20   | 30   | 28   | 25   | 22   |
|       | kW    | 2.44 | 2.43 | 2.43 | 2.5  | 2.72 | 2.72 | 2.71 | 2.7  | 3.03 | 3.03 | 3.02 | 3.0  | 3.37 | 3.37 | 3.36 | 3.4  | 3.75 | 3.75 | 3.74 | 3.8  | 4.20 | 4.19 | 4.19 | 4.2  |
|       | Amps  | 9.1  | 9.1  | 9.1  | 9.2  | 10.4 | 10.4 | 10.3 | 10.4 | 11.8 | 11.8 | 11.8 | 11.9 | 13.4 | 13.4 | 13.3 | 13.4 | 15.1 | 15.1 | 15.1 | 15.2 | 17.1 | 17.1 | 17.1 | 17.2 |
|       | Hi PR | 244  | 245  | 246  | 251  | 281  | 282  | 284  | 288  | 321  | 322  | 324  | 328  | 364  | 365  | 366  | 371  | 410  | 411  | 413  | 417  | 459  | 460  | 462  | 466  |
| Lo PR | 124   | 125  | 128  | 133  | 131  | 132  | 135  | 140  | 137  | 139  | 142  | 147  | 143  | 144  | 147  | 152  | 148  | 149  | 152  | 157  | 154  | 156  | 159  | 164  |      |
| 1340  | MBh   | 43.1 | 43.7 | 44.9 | 46.7 | 42.7 | 43.3 | 44.5 | 46.4 | 41.7 | 42.2 | 43.4 | 45.3 | 39.8 | 40.4 | 41.6 | 43.5 | 37.6 | 38.2 | 39.4 | 41.2 | 35.6 | 36.1 | 37.3 | 39.2 |
|       | S/T   | 1.00 | 0.99 | 0.85 | 0.7  | 1.00 | 0.99 | 0.86 | 0.7  | 1.00 | 1.00 | 0.88 | 0.7  | 1.00 | 1.00 | 0.90 | 0.8  | 1.00 | 1.00 | 0.92 | 0.8  | 1.00 | 1.00 | 1.00 | 0.8  |
|       | ΔT    | 28   | 26   | 23   | 20   | 28   | 26   | 23   | 19   | 28   | 26   | 23   | 20   | 28   | 26   | 23   | 19   | 28   | 26   | 23   | 19   | 29   | 27   | 24   | 20   |
|       | kW    | 2.45 | 2.45 | 2.45 | 2.5  | 2.73 | 2.73 | 2.73 | 2.7  | 3.05 | 3.05 | 3.04 | 3.1  | 3.39 | 3.39 | 3.38 | 3.4  | 3.77 | 3.77 | 3.76 | 3.8  | 4.21 | 4.21 | 4.21 | 4.2  |
|       | Amps  | 9.2  | 9.2  | 9.1  | 9.2  | 10.4 | 10.4 | 10.4 | 10.5 | 11.9 | 11.9 | 11.9 | 12.0 | 13.4 | 13.4 | 13.4 | 13.5 | 15.2 | 15.2 | 15.1 | 15.2 | 17.2 | 17.2 | 17.2 | 17.3 |
|       | Hi PR | 246  | 247  | 249  | 253  | 284  | 285  | 287  | 291  | 324  | 325  | 327  | 331  | 367  | 368  | 369  | 373  | 413  | 414  | 415  | 419  | 462  | 463  | 464  | 469  |
| Lo PR | 126   | 128  | 131  | 136  | 134  | 135  | 138  | 143  | 140  | 141  | 144  | 150  | 145  | 147  | 150  | 155  | 151  | 152  | 155  | 160  | 157  | 159  | 162  | 167  |      |

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

EXPANDED COOLING DATA — GSZB404810A\* + AMST48CU1400A\*

| IDB       | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |       |      |      |      |       |      |      |    |
|-----------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------|------|------|------|-------|------|------|------|-------|------|------|----|
|           |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F                                 |      |      |      | 105°F |      |      |      | 115°F |      |      |    |
|           |         | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59                                   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71 |
| <b>70</b> | MBh     | 46.7                        | 47.3 | 48.7 | -    | 46.3 | 46.9 | 48.3 | -    | 45.1 | 45.7 | 47.1 | -    | 43.0                                 | 43.6 | 45.0 | -    | 40.4  | 41.1 | 42.5 | -    | 38.1  | 38.8 | 40.2 | -  |
|           | S/T     | 0.63                        | 0.56 | 0.43 | -    | 0.64 | 0.56 | 0.43 | -    | 0.66 | 0.59 | 0.46 | -    | 0.68                                 | 0.61 | 0.48 | -    | 1.00  | 0.63 | 0.50 | -    | 1.00  | 0.68 | 0.55 | -  |
|           | ΔT      | 19                          | 17   | 14   | -    | 19   | 17   | 13   | -    | 19   | 17   | 14   | -    | 19                                   | 17   | 13   | -    | 18    | 17   | 13   | -    | 19    | 18   | 14   | -  |
|           | kW      | 2.73                        | 2.73 | 2.73 | -    | 3.06 | 3.06 | 3.05 | -    | 3.43 | 3.43 | 3.42 | -    | 3.82                                 | 3.82 | 3.82 | -    | 4.27  | 4.27 | 4.26 | -    | 4.79  | 4.79 | 4.78 | -  |
|           | Amps    | 10.3                        | 10.3 | 10.3 | -    | 11.8 | 11.8 | 11.8 | -    | 13.5 | 13.5 | 13.5 | -    | 15.3                                 | 15.3 | 15.3 | -    | 17.3  | 17.3 | 17.3 | -    | 19.7  | 19.7 | 19.7 | -  |
|           | Hi PR   | 243                         | 244  | 246  | -    | 282  | 283  | 284  | -    | 322  | 323  | 324  | -    | 365                                  | 366  | 367  | -    | 411   | 412  | 414  | -    | 461   | 462  | 463  | -  |
|           | Lo PR   | 120                         | 121  | 124  | -    | 127  | 129  | 132  | -    | 134  | 135  | 138  | -    | 139                                  | 140  | 143  | -    | 144   | 146  | 149  | -    | 151   | 152  | 155  | -  |
|           | MBh     | 46.9                        | 47.6 | 48.9 | -    | 46.5 | 47.1 | 48.5 | -    | 45.3 | 45.9 | 47.3 | -    | 43.2                                 | 43.9 | 45.2 | -    | 40.7  | 41.3 | 42.7 | -    | 38.3  | 39.0 | 40.4 | -  |
|           | S/T     | 0.65                        | 0.57 | 0.44 | -    | 0.66 | 0.58 | 0.45 | -    | 0.68 | 0.61 | 0.47 | -    | 0.70                                 | 0.62 | 0.49 | -    | 1.00  | 0.65 | 0.51 | -    | 1.00  | 0.70 | 0.56 | -  |
|           | ΔT      | 18                          | 17   | 13   | -    | 18   | 16   | 13   | -    | 19   | 17   | 13   | -    | 18                                   | 16   | 13   | -    | 18    | 16   | 13   | -    | 19    | 17   | 14   | -  |
| kW        | 2.74    | 2.74                        | 2.73 | -    | 3.07 | 3.06 | 3.06 | -    | 3.43 | 3.43 | 3.43 | -    | 3.83 | 3.83                                 | 3.82 | -    | 4.27 | 4.27  | 4.26 | -    | 4.79 | 4.79  | 4.78 | -    |    |
| Amps      | 10.3    | 10.3                        | 10.3 | -    | 11.8 | 11.8 | 11.8 | -    | 13.5 | 13.5 | 13.5 | -    | 15.3 | 15.3                                 | 15.3 | -    | 17.4 | 17.4  | 17.3 | -    | 19.7 | 19.7  | 19.7 | -    |    |
| Hi PR     | 244     | 245                         | 247  | -    | 282  | 283  | 285  | -    | 322  | 323  | 325  | -    | 365  | 366                                  | 368  | -    | 412  | 413   | 414  | -    | 461  | 462   | 464  | -    |    |
| Lo PR     | 121     | 122                         | 125  | -    | 128  | 129  | 132  | -    | 134  | 136  | 139  | -    | 139  | 141                                  | 144  | -    | 145  | 146   | 149  | -    | 151  | 153   | 156  | -    |    |
| MBh       | 47.4    | 48.1                        | 49.5 | -    | 47.0 | 47.7 | 49.1 | -    | 45.8 | 46.5 | 47.9 | -    | 43.7 | 44.4                                 | 45.8 | -    | 41.2 | 41.9  | 43.2 | -    | 38.9 | 39.5  | 40.9 | -    |    |
| S/T       | 0.68    | 0.60                        | 0.47 | -    | 0.68 | 0.61 | 0.48 | -    | 0.71 | 0.63 | 0.50 | -    | 0.73 | 0.65                                 | 0.52 | -    | 1.00 | 0.67  | 0.54 | -    | 1.00 | 0.72  | 0.59 | -    |    |
| ΔT        | 18      | 16                          | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 13   | -    | 18   | 16                                   | 12   | -    | 17   | 15    | 12   | -    | 18   | 17    | 13   | -    |    |
| kW        | 2.75    | 2.75                        | 2.74 | -    | 3.08 | 3.08 | 3.07 | -    | 3.44 | 3.44 | 3.44 | -    | 3.84 | 3.84                                 | 3.83 | -    | 4.28 | 4.28  | 4.28 | -    | 4.80 | 4.80  | 4.80 | -    |    |
| Amps      | 10.4    | 10.4                        | 10.4 | -    | 11.9 | 11.9 | 11.9 | -    | 13.6 | 13.6 | 13.5 | -    | 15.4 | 15.4                                 | 15.4 | -    | 17.4 | 17.4  | 17.4 | -    | 19.8 | 19.8  | 19.8 | -    |    |
| Hi PR     | 246     | 247                         | 248  | -    | 284  | 285  | 286  | -    | 324  | 325  | 326  | -    | 367  | 368                                  | 370  | -    | 413  | 414   | 416  | -    | 463  | 464   | 466  | -    |    |
| Lo PR     | 122     | 123                         | 127  | -    | 129  | 131  | 134  | -    | 136  | 137  | 140  | -    | 141  | 142                                  | 145  | -    | 146  | 148   | 151  | -    | 153  | 154   | 157  | -    |    |

|           |       |      |      |      |      |      |      |      |      |      |      |      |      |             |             |      |      |      |      |      |      |      |      |      |      |
|-----------|-------|------|------|------|------|------|------|------|------|------|------|------|------|-------------|-------------|------|------|------|------|------|------|------|------|------|------|
| <b>75</b> | MBh   | 46.7 | 47.4 | 48.8 | 50.9 | 46.3 | 47.0 | 48.3 | 50.4 | 45.1 | 45.7 | 47.1 | 49.2 | 43.0        | 43.7        | 45.0 | 47.2 | 40.5 | 41.1 | 42.5 | 44.6 | 38.1 | 38.8 | 40.2 | 42.3 |
|           | S/T   | 0.76 | 0.68 | 0.55 | 0.41 | 0.76 | 0.69 | 0.56 | 0.42 | 1.00 | 0.72 | 0.58 | 0.44 | 1.00        | 0.73        | 0.60 | 0.46 | 1.00 | 0.76 | 0.62 | 0.48 | 1.00 | 0.81 | 0.67 | 0.53 |
|           | ΔT    | 23   | 21   | 17   | 14   | 23   | 21   | 17   | 14   | 23   | 21   | 18   | 14   | 23          | 21          | 17   | 14   | 22   | 20   | 17   | 14   | 23   | 22   | 18   | 15   |
|           | kW    | 2.73 | 2.73 | 2.72 | 2.75 | 3.06 | 3.06 | 3.05 | 3.08 | 3.43 | 3.42 | 3.42 | 3.44 | 3.82        | 3.82        | 3.81 | 3.84 | 4.27 | 4.26 | 4.26 | 4.28 | 4.79 | 4.78 | 4.78 | 4.80 |
|           | Amps  | 10.3 | 10.3 | 10.3 | 10.4 | 11.8 | 11.8 | 11.8 | 11.9 | 13.5 | 13.5 | 13.5 | 13.6 | 15.3        | 15.3        | 15.3 | 15.4 | 17.3 | 17.3 | 17.3 | 17.4 | 19.7 | 19.7 | 19.7 | 19.8 |
|           | Hi PR | 244  | 245  | 246  | 251  | 282  | 283  | 284  | 289  | 322  | 323  | 324  | 329  | 365         | 366         | 368  | 372  | 411  | 412  | 414  | 418  | 461  | 462  | 464  | 468  |
|           | Lo PR | 120  | 121  | 124  | 130  | 127  | 129  | 132  | 137  | 134  | 135  | 138  | 143  | 139         | 140         | 143  | 148  | 144  | 146  | 149  | 154  | 151  | 152  | 155  | 160  |
|           | MBh   | 46.9 | 47.6 | 49.0 | 51.1 | 46.5 | 47.2 | 48.5 | 50.7 | 45.3 | 46.0 | 47.3 | 49.5 | 43.2        | <b>43.9</b> | 45.3 | 47.4 | 40.7 | 41.3 | 42.7 | 44.8 | 38.4 | 39.0 | 40.4 | 42.5 |
|           | S/T   | 0.77 | 0.70 | 0.57 | 0.43 | 0.78 | 0.71 | 0.57 | 0.44 | 1.00 | 0.73 | 0.60 | 0.46 | 1.00        | <b>0.75</b> | 0.62 | 0.48 | 1.00 | 0.77 | 0.64 | 0.50 | 1.00 | 0.82 | 0.69 | 0.55 |
|           | ΔT    | 22   | 20   | 17   | 14   | 22   | 20   | 17   | 14   | 22   | 21   | 17   | 14   | 22          | <b>20</b>   | 17   | 14   | 22   | 20   | 17   | 13   | 23   | 21   | 18   | 14   |
| kW        | 2.74  | 2.73 | 2.73 | 2.75 | 3.06 | 3.06 | 3.06 | 3.08 | 3.43 | 3.43 | 3.42 | 3.45 | 3.83 | <b>3.83</b> | 3.82        | 3.84 | 4.27 | 4.27 | 4.26 | 4.29 | 4.79 | 4.79 | 4.78 | 4.81 |      |
| Amps      | 10.3  | 10.3 | 10.3 | 10.4 | 11.8 | 11.8 | 11.8 | 11.9 | 13.5 | 13.5 | 13.5 | 13.6 | 15.3 | <b>15.3</b> | 15.3        | 15.4 | 17.4 | 17.3 | 17.3 | 17.4 | 19.7 | 19.7 | 19.7 | 19.8 |      |
| Hi PR     | 244   | 245  | 247  | 251  | 282  | 283  | 285  | 289  | 322  | 323  | 325  | 329  | 365  | <b>366</b>  | 368         | 372  | 412  | 413  | 415  | 419  | 461  | 462  | 464  | 468  |      |
| Lo PR     | 121   | 122  | 125  | 130  | 128  | 129  | 132  | 137  | 134  | 136  | 139  | 144  | 139  | <b>141</b>  | 144         | 149  | 145  | 146  | 149  | 154  | 151  | 153  | 156  | 161  |      |
| MBh       | 47.5  | 48.1 | 49.5 | 51.6 | 47.1 | 47.7 | 49.1 | 51.2 | 45.9 | 46.5 | 47.9 | 50.0 | 43.8 | 44.4        | 45.8        | 47.9 | 41.2 | 41.9 | 43.3 | 45.4 | 38.9 | 39.6 | 40.9 | 43.1 |      |
| S/T       | 0.80  | 0.73 | 0.60 | 0.46 | 0.81 | 0.73 | 0.60 | 0.46 | 1.00 | 0.76 | 0.63 | 0.49 | 1.00 | 0.78        | 0.65        | 0.51 | 1.00 | 0.80 | 0.67 | 0.53 | 1.00 | 0.85 | 0.72 | 0.58 |      |
| ΔT        | 22    | 20   | 16   | 13   | 21   | 20   | 16   | 13   | 22   | 20   | 17   | 13   | 21   | 20          | 16          | 13   | 21   | 19   | 16   | 13   | 22   | 21   | 17   | 14   |      |
| kW        | 2.75  | 2.74 | 2.74 | 2.76 | 3.08 | 3.07 | 3.07 | 3.09 | 3.44 | 3.44 | 3.43 | 3.46 | 3.84 | 3.84        | 3.83        | 3.86 | 4.28 | 4.28 | 4.27 | 4.30 | 4.80 | 4.80 | 4.79 | 4.82 |      |
| Amps      | 10.4  | 10.4 | 10.3 | 10.5 | 11.9 | 11.9 | 11.9 | 12.0 | 13.6 | 13.6 | 13.5 | 13.6 | 15.4 | 15.4        | 15.3        | 15.5 | 17.4 | 17.4 | 17.4 | 17.5 | 19.8 | 19.8 | 19.8 | 19.9 |      |
| Hi PR     | 246   | 247  | 248  | 253  | 284  | 285  | 287  | 291  | 324  | 325  | 327  | 331  | 367  | 368         | 370         | 374  | 413  | 414  | 416  | 420  | 463  | 464  | 466  | 470  |      |
| Lo PR     | 122   | 124  | 127  | 132  | 129  | 131  | 134  | 139  | 136  | 137  | 140  | 145  | 141  | 142         | 145         | 151  | 146  | 148  | 151  | 156  | 153  | 154  | 157  | 162  |      |

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

EXPANDED COOLING DATA — GSZB404810A\* + AMST48CU1400A\* (CONT.)

| IDB | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |       |      |      |      |       |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |      |      |      |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    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|     |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F                                 |      |      |      | 105°F |      |      |      | 115°F |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     | 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|      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |      |      |      |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|     |         | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59                                   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |      |      |      |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 80  | 1400    | MBh                         | 47.0 | 47.6 | 49.0 | 51.1 | 46.5 | 47.2 | 48.6 | 50.7 | 45.3 | 46.0 | 47.4 | 49.5                                 | 43.3 | 43.9 | 45.3 | 47.4  | 40.7 | 41.4 | 42.7 | 44.9  | 38.4 | 39.0 | 40.4 | 42.5 | S/T | 0.88 | 0.81 | 0.67 | 0.54 | 1.00 | 0.84 | 0.71 | 0.57 | 1.00 | 0.86 | 0.72 | 0.58 | 1.00 | 1.00 | 0.75 | 0.61 | 1.00 | 1.00 | 0.80 | 0.66 | ΔT | 27 | 25 | 21 | 18 | 27 | 25 | 22 | 18 | 26 | 24 | 21 | 18 | 27 | 26 | 22 | 19 | kW | 2.73 | 2.73 | 2.72 | 2.75 | 3.06 | 3.06 | 3.05 | 3.08 | 3.43 | 3.43 | 3.42 | 3.44 | 3.82 | 3.82 | 3.82 | 3.84 | 4.27 | 4.26 | 4.26 | 4.28 | 4.79 | 4.78 | 4.78 | 4.80 | Amps | 10.3 | 10.3 | 10.3 | 10.4 | 11.8 | 11.8 | 11.8 | 11.9 | 13.5 | 13.5 | 13.5 | 13.6 | 15.3 | 15.3 | 15.3 | 15.4 | 17.3 | 17.3 | 17.3 | 17.4 | 19.7 | 19.7 | 19.7 | 19.8 | Hi PR | 244 | 245 | 247 | 251 | 282 | 283 | 285 | 289 | 322 | 323 | 325 | 329 | 365 | 366 | 368 | 372 | 412 | 413 | 414 | 419 | 461 | 462 | 464 | 468 | Lo PR | 121 | 122 | 125 | 130 | 128 | 129 | 132 | 137 | 134 | 136 | 139 | 144 | 139 | 141 | 144 | 149 | 145 | 146 | 149 | 154 | 151 | 153 | 156 | 161 | 80 | MBh | 47.2 | 47.8 | 49.2 | 51.3 | 46.8 | 47.4 | 48.8 | 50.9 | 45.5 | 46.2 | 47.6 | 49.7 | 43.5 | 44.1 | 45.5 | 47.6 | 40.9 | 41.6 | 43.0 | 45.1 | 38.6 | 39.3 | 40.6 | 42.8 | S/T | 0.90 | 0.82 | 0.69 | 0.55 | 1.00 | 0.83 | 0.70 | 0.56 | 1.00 | 0.85 | 0.72 | 0.58 | 1.00 | 0.87 | 0.74 | 0.60 | 1.00 | 1.00 | 0.76 | 0.62 | 1.00 | 1.00 | 0.81 | 0.67 | ΔT | 26 | 24 | 21 | 18 | 26 | 24 | 21 | 18 | 26 | 24 | 21 | 17 | 27 | 25 | 22 | 18 | kW | 2.74 | 2.74 | 2.73 | 2.76 | 3.07 | 3.06 | 3.06 | 3.08 | 3.43 | 3.43 | 3.42 | 3.45 | 3.83 | 3.83 | 3.82 | 3.85 | 4.27 | 4.27 | 4.26 | 4.29 | 4.79 | 4.79 | 4.78 | 4.81 | Amps | 10.3 | 10.3 | 10.3 | 10.4 | 11.8 | 11.8 | 11.8 | 11.9 | 13.5 | 13.5 | 13.5 | 13.6 | 15.3 | 15.3 | 15.3 | 15.4 | 17.4 | 17.4 | 17.3 | 17.4 | 19.7 | 19.7 | 19.7 | 19.8 | Hi PR | 245 | 246 | 247 | 252 | 283 | 284 | 286 | 290 | 323 | 324 | 326 | 330 | 366 | 367 | 369 | 373 | 412 | 413 | 415 | 419 | 462 | 463 | 465 | 469 | Lo PR | 121 | 123 | 126 | 131 | 128 | 130 | 133 | 138 | 135 | 136 | 139 | 144 | 140 | 141 | 145 | 150 | 145 | 147 | 150 | 155 | 152 | 153 | 156 | 161 | 1600 | MBh | 47.7 | 48.4 | 49.8 | 51.9 | 47.3 | 48.0 | 49.3 | 51.4 | 46.1 | 46.7 | 48.1 | 50.2 | 44.0 | 44.7 | 46.0 | 48.2 | 41.5 | 42.1 | 43.5 | 45.6 | 39.1 | 39.8 | 41.2 | 43.3 | S/T | 1.00 | 0.85 | 0.72 | 0.58 | 1.00 | 0.86 | 0.72 | 0.58 | 1.00 | 0.88 | 0.75 | 0.61 | 1.00 | 0.90 | 0.77 | 0.63 | 1.00 | 1.00 | 0.79 | 0.65 | 1.00 | 1.00 | 0.84 | 0.70 | ΔT | 26 | 24 | 20 | 17 | 25 | 24 | 20 | 17 | 25 | 24 | 20 | 17 | 25 | 23 | 20 | 17 | kW | 2.75 | 2.75 | 2.74 | 2.77 | 3.08 | 3.07 | 3.07 | 3.09 | 3.44 | 3.44 | 3.44 | 3.46 | 3.84 | 3.84 | 3.83 | 3.86 | 4.28 | 4.28 | 4.28 | 4.30 | 4.80 | 4.80 | 4.80 | 4.82 | Amps | 10.4 | 10.4 | 10.4 | 10.5 | 11.9 | 11.9 | 11.9 | 12.0 | 13.6 | 13.6 | 13.5 | 13.7 | 15.4 | 15.4 | 15.4 | 15.5 | 17.4 | 17.4 | 17.4 | 17.5 | 19.8 | 19.8 | 19.8 | 19.9 | Hi PR | 246 | 247 | 249 | 253 | 284 | 285 | 287 | 291 | 324 | 325 | 327 | 331 | 367 | 368 | 370 | 374 | 414 | 415 | 417 | 421 | 463 | 464 | 466 | 470 | Lo PR | 123 | 124 | 127 | 132 | 130 | 131 | 134 | 139 | 136 | 138 | 141 | 146 | 141 | 143 | 146 | 151 | 147 | 148 | 151 | 156 | 153 | 155 | 158 | 163 | 85 | 1400 | MBh | 47.7 | 48.4 | 49.8 | 51.9 | 47.3 | 48.0 | 49.4 | 51.5 | 46.1 | 46.8 | 48.1 | 50.3 | 44.0 | 44.7 | 46.1 | 48.2 | 41.5 | 42.1 | 43.5 | 45.6 | 39.2 | 39.8 | 41.2 | 43.3 | S/T | 1.00 | 0.91 | 0.77 | 0.6 | 1.00 | 0.82 | 0.68 | 0.54 | 1.00 | 0.84 | 0.71 | 0.57 | 1.00 | 0.86 | 0.72 | 0.58 | 1.00 | 1.00 | 0.84 | 0.7 | 1.00 | 1.00 | 0.89 | 0.8 | ΔT | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 31 | 29 | 26 | 22 | kW | 2.74 | 2.74 | 2.73 | 2.8 | 3.07 | 3.06 | 3.06 | 3.1 | 3.43 | 3.43 | 3.43 | 3.5 | 3.83 | 3.83 | 3.82 | 3.8 | 4.27 | 4.27 | 4.27 | 4.3 | 4.79 | 4.79 | 4.79 | 4.8 | Amps | 10.3 | 10.3 | 10.3 | 10.4 | 11.9 | 11.8 | 11.8 | 11.9 | 13.5 | 13.5 | 13.5 | 13.6 | 15.3 | 15.3 | 15.3 | 15.4 | 17.4 | 17.4 | 17.3 | 17.4 | 19.8 | 19.7 | 19.7 | 19.8 | Hi PR | 245 | 246 | 248 | 252 | 283 | 284 | 286 | 290 | 323 | 324 | 326 | 330 | 366 | 367 | 369 | 373 | 413 | 414 | 416 | 420 | 462 | 463 | 465 | 469 | Lo PR | 122 | 124 | 127 | 132 | 130 | 131 | 134 | 139 | 136 | 137 | 140 | 145 | 141 | 143 | 146 | 151 | 146 | 148 | 151 | 156 | 153 | 155 | 158 | 163 | 1460 | MBh | 47.9 | 48.6 | 50.0 | 52.1 | 47.5 | 48.2 | 49.6 | 51.7 | 46.3 | 47.0 | 48.4 | 50.5 | 44.2 | 44.9 | 46.3 | 48.4 | 41.7 | 42.4 | 43.7 | 45.9 | 39.4 | 40.0 | 41.4 | 43.5 | S/T | 1.00 | 0.92 | 0.79 | 0.7 | 1.00 | 0.93 | 0.80 | 0.7 | 1.00 | 1.00 | 0.82 | 0.7 | 1.00 | 1.00 | 0.84 | 0.7 | 1.00 | 1.00 | 0.86 | 0.7 | 1.00 | 1.00 | 0.91 | 0.8 | ΔT | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 29 | 28 | 24 | 21 | 31 | 29 | 25 | 22 | kW | 2.74 | 2.74 | 2.74 | 2.8 | 3.07 | 3.07 | 3.06 | 3.1 | 3.44 | 3.44 | 3.43 | 3.5 | 3.84 | 3.83 | 3.83 | 3.9 | 4.28 | 4.28 | 4.27 | 4.3 | 4.80 | 4.80 | 4.79 | 4.8 | Amps | 10.4 | 10.4 | 10.3 | 10.5 | 11.9 | 11.9 | 11.8 | 12.0 | 13.6 | 13.5 | 13.5 | 13.6 | 15.4 | 15.4 | 15.3 | 15.4 | 17.4 | 17.4 | 17.4 | 17.5 | 19.8 | 19.8 | 19.7 | 19.9 | Hi PR | 246 | 247 | 249 | 253 | 284 | 285 | 287 | 291 | 324 | 325 | 327 | 331 | 367 | 368 | 370 | 374 | 413 | 415 | 416 | 420 | 463 | 464 | 466 | 470 | Lo PR | 123 | 124 | 127 | 132 | 130 | 132 | 135 | 140 | 136 | 138 | 141 | 146 | 142 | 143 | 146 | 151 | 147 | 149 | 152 | 157 | 154 | 155 | 158 | 163 | 1600 | MBh | 48.5 | 49.1 | 50.5 | 52.6 | 48.1 | 48.7 | 50.1 | 52.2 | 46.9 | 47.5 | 48.9 | 51.0 | 44.8 | 45.4 | 46.8 | 48.9 | 42.2 | 42.9 | 44.3 | 46.4 | 39.9 | 40.6 | 42.0 | 44.1 | S/T | 1.00 | 0.95 | 0.82 | 0.7 | 1.00 | 0.96 | 0.82 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 | 1.00 | 1.00 | 0.87 | 0.7 | 1.00 | 1.00 | 0.89 | 0.7 | 1.00 | 1.00 | 0.91 | 0.8 | ΔT | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 30 | 28 | 25 | 21 | kW | 2.76 | 2.75 | 2.75 | 2.8 | 3.08 | 3.08 | 3.08 | 3.1 | 3.45 | 3.45 | 3.44 | 3.5 | 3.85 | 3.84 | 3.84 | 3.9 | 4.29 | 4.29 | 4.28 | 4.3 | 4.81 | 4.81 | 4.80 | 4.8 | Amps | 10.4 | 10.4 | 10.4 | 10.5 | 11.9 | 11.9 | 11.9 | 12.0 | 13.6 | 13.6 | 13.6 | 13.7 | 15.4 | 15.4 | 15.4 | 15.5 | 17.4 | 17.4 | 17.4 | 17.5 | 19.8 | 19.8 | 19.8 | 19.9 | Hi PR | 247 | 248 | 250 | 254 | 285 | 287 | 288 | 292 | 325 | 327 | 328 | 332 | 369 | 370 | 371 | 376 | 415 | 416 | 418 | 422 | 465 | 466 | 467 | 472 | Lo PR | 124 | 126 | 129 | 134 | 132 | 133 | 136 | 141 | 138 | 139 | 142 | 147 | 143 | 145 | 148 | 153 | 149 | 150 | 153 | 158 | 155 | 157 | 160 | 165 |

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



EXPANDED COOLING DATA — GSZB406010A\* + AMST60DU1400A\*

| IDB       | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |       |      |      |      |       |      |      |    |
|-----------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------|------|------|------|-------|------|------|------|-------|------|------|----|
|           |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F                                 |      |      |      | 105°F |      |      |      | 115°F |      |      |    |
|           |         | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59                                   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71 |
| <b>70</b> | MBh     | 56.4                        | 57.2 | 58.8 | -    | 55.9 | 56.7 | 58.3 | -    | 54.4 | 55.2 | 56.9 | -    | 51.9                                 | 52.7 | 54.4 | -    | 48.8  | 49.6 | 51.3 | -    | 46.0  | 46.8 | 48.5 | -  |
|           | S/T     | 0.65                        | 0.57 | 0.43 | -    | 0.65 | 0.58 | 0.44 | -    | 0.68 | 0.60 | 0.47 | -    | 0.70                                 | 0.62 | 0.49 | -    | 0.72  | 0.64 | 0.51 | -    | 1.00  | 0.69 | 0.56 | -  |
|           | ΔT      | 18                          | 17   | 13   | -    | 18   | 17   | 13   | -    | 19   | 17   | 14   | -    | 18                                   | 17   | 13   | -    | 18    | 16   | 13   | -    | 19    | 17   | 14   | -  |
|           | kW      | 3.41                        | 3.41 | 3.40 | -    | 3.83 | 3.83 | 3.82 | -    | 4.31 | 4.31 | 4.30 | -    | 4.82                                 | 4.82 | 4.81 | -    | 5.40  | 5.40 | 5.39 | -    | 6.07  | 6.07 | 6.06 | -  |
|           | Amps    | 12.9                        | 12.9 | 12.9 | -    | 14.9 | 14.9 | 14.8 | -    | 17.1 | 17.0 | 17.0 | -    | 19.4                                 | 19.4 | 19.4 | -    | 22.0  | 22.0 | 22.0 | -    | 25.1  | 25.1 | 25.1 | -  |
|           | Hi PR   | 258                         | 259  | 261  | -    | 298  | 299  | 301  | -    | 340  | 342  | 343  | -    | 386                                  | 387  | 389  | -    | 435   | 436  | 438  | -    | 488   | 489  | 491  | -  |
|           | Lo PR   | 116                         | 117  | 120  | -    | 123  | 124  | 127  | -    | 129  | 130  | 133  | -    | 134                                  | 135  | 138  | -    | 139   | 141  | 143  | -    | 145   | 147  | 150  | -  |
|           | MBh     | 56.7                        | 57.5 | 59.2 | -    | 56.2 | 57.0 | 58.7 | -    | 54.7 | 55.5 | 57.2 | -    | 52.2                                 | 53.0 | 54.7 | -    | 49.1  | 49.9 | 51.6 | -    | 46.3  | 47.1 | 48.8 | -  |
|           | S/T     | 0.67                        | 0.59 | 0.45 | -    | 0.67 | 0.60 | 0.46 | -    | 0.70 | 0.62 | 0.49 | -    | 0.72                                 | 0.64 | 0.51 | -    | 0.74  | 0.66 | 0.53 | -    | 1.00  | 0.71 | 0.58 | -  |
|           | ΔT      | 18                          | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18                                   | 16   | 13   | -    | 18    | 16   | 13   | -    | 19    | 17   | 14   | -  |
|           | kW      | 3.42                        | 3.41 | 3.41 | -    | 3.84 | 3.84 | 3.83 | -    | 4.32 | 4.31 | 4.31 | -    | 4.83                                 | 4.83 | 4.82 | -    | 5.41  | 5.40 | 5.40 | -    | 6.08  | 6.08 | 6.07 | -  |
|           | Amps    | 13.0                        | 12.9 | 12.9 | -    | 14.9 | 14.9 | 14.9 | -    | 17.1 | 17.1 | 17.0 | -    | 19.4                                 | 19.4 | 19.4 | -    | 22.1  | 22.1 | 22.0 | -    | 25.2  | 25.1 | 25.1 | -  |
| Hi PR     | 258     | 260                         | 261  | -    | 299  | 300  | 302  | -    | 341  | 342  | 344  | -    | 387  | 388                                  | 390  | -    | 436  | 437   | 439  | -    | 489  | 490   | 492  | -    |    |
| Lo PR     | 116     | 118                         | 121  | -    | 123  | 125  | 128  | -    | 130  | 131  | 134  | -    | 135  | 136                                  | 139  | -    | 140  | 141   | 144  | -    | 146  | 148   | 150  | -    |    |
| MBh       | 57.0    | 57.8                        | 59.4 | -    | 56.5 | 57.3 | 58.9 | -    | 55.0 | 55.8 | 57.5 | -    | 52.5 | 53.3                                 | 55.0 | -    | 49.4 | 50.2  | 51.9 | -    | 46.6 | 47.4  | 49.1 | -    |    |
| S/T       | 0.68    | 0.60                        | 0.47 | -    | 0.69 | 0.61 | 0.48 | -    | 0.71 | 0.64 | 0.50 | -    | 0.73 | 0.66                                 | 0.52 | -    | 0.75 | 0.68  | 0.54 | -    | 1.00 | 0.73  | 0.59 | -    |    |
| ΔT        | 18      | 16                          | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16                                   | 13   | -    | 17   | 16    | 12   | -    | 18   | 17    | 13   | -    |    |
| kW        | 3.42    | 3.42                        | 3.41 | -    | 3.85 | 3.85 | 3.84 | -    | 4.32 | 4.32 | 4.31 | -    | 4.84 | 4.84                                 | 4.83 | -    | 5.41 | 5.41  | 5.40 | -    | 6.09 | 6.08  | 6.08 | -    |    |
| Amps      | 13.0    | 13.0                        | 12.9 | -    | 14.9 | 14.9 | 14.9 | -    | 17.1 | 17.1 | 17.1 | -    | 19.5 | 19.5                                 | 19.4 | -    | 22.1 | 22.1  | 22.1 | -    | 25.2 | 25.2  | 25.1 | -    |    |
| Hi PR     | 259     | 260                         | 262  | -    | 300  | 301  | 303  | -    | 342  | 343  | 345  | -    | 388  | 389                                  | 391  | -    | 437  | 438   | 440  | -    | 489  | 490   | 492  | -    |    |
| Lo PR     | 117     | 118                         | 121  | -    | 124  | 125  | 128  | -    | 130  | 132  | 134  | -    | 135  | 137                                  | 140  | -    | 140  | 142   | 145  | -    | 147  | 148   | 151  | -    |    |

|           |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <b>75</b> | MBh   | 56.4 | 57.2 | 58.8 | 60.9 | 54.5 | 55.2 | 56.9 | 59.5 | 51.9 | 52.7 | 54.4 | 57.0 | 48.9 | 49.7 | 51.3 | 53.9 | 46.1 | 46.9 | 48.5 | 51.1 |
|           | S/T   | 0.78 | 0.70 | 0.56 | 0.43 | 0.81 | 0.73 | 0.60 | 0.45 | 1.00 | 0.75 | 0.61 | 0.47 | 1.00 | 0.77 | 0.64 | 0.49 | 1.00 | 0.82 | 0.69 | 0.55 |
|           | ΔT    | 22   | 20   | 17   | 14   | 22   | 21   | 17   | 14   | 22   | 20   | 17   | 14   | 22   | 20   | 17   | 13   | 23   | 21   | 18   | 15   |
|           | kW    | 3.41 | 3.40 | 3.39 | 3.43 | 3.83 | 3.83 | 3.82 | 3.85 | 4.31 | 4.30 | 4.30 | 4.34 | 4.82 | 4.82 | 4.81 | 4.84 | 5.40 | 5.39 | 5.39 | 6.09 |
|           | Amps  | 12.9 | 12.9 | 12.9 | 13.0 | 14.9 | 14.8 | 14.8 | 15.0 | 17.0 | 17.0 | 17.0 | 17.1 | 19.4 | 19.4 | 19.3 | 19.5 | 22.0 | 22.0 | 22.0 | 25.2 |
|           | Hi PR | 258  | 259  | 261  | 265  | 298  | 299  | 301  | 306  | 341  | 342  | 344  | 348  | 386  | 387  | 389  | 394  | 436  | 437  | 438  | 495  |
|           | Lo PR | 116  | 117  | 120  | 125  | 123  | 124  | 127  | 132  | 129  | 130  | 133  | 138  | 134  | 135  | 138  | 143  | 139  | 141  | 143  | 155  |
|           | MBh   | 56.7 | 57.5 | 59.2 | 61.7 | 54.8 | 55.6 | 57.2 | 59.8 | 52.2 | 53.0 | 54.7 | 57.3 | 49.2 | 50.0 | 51.6 | 54.2 | 46.4 | 47.2 | 48.8 | 51.4 |
|           | S/T   | 0.80 | 0.72 | 0.58 | 0.44 | 0.80 | 0.73 | 0.59 | 0.45 | 1.00 | 0.77 | 0.63 | 0.49 | 1.00 | 0.79 | 0.66 | 0.51 | 1.00 | 0.84 | 0.71 | 0.57 |
|           | ΔT    | 22   | 20   | 17   | 13   | 22   | 20   | 17   | 14   | 22   | 20   | 17   | 13   | 22   | 20   | 17   | 13   | 23   | 21   | 18   | 14   |
|           | kW    | 3.41 | 3.41 | 3.40 | 3.44 | 3.84 | 3.84 | 3.83 | 3.86 | 4.31 | 4.31 | 4.30 | 4.34 | 4.83 | 4.83 | 4.82 | 4.85 | 5.40 | 5.40 | 5.39 | 6.10 |
|           | Amps  | 13.0 | 12.9 | 12.9 | 13.1 | 14.9 | 14.9 | 14.9 | 15.0 | 17.1 | 17.1 | 17.0 | 17.2 | 19.4 | 19.4 | 19.4 | 19.5 | 22.1 | 22.0 | 22.0 | 25.2 |
| Hi PR     | 259   | 260  | 262  | 266  | 299  | 300  | 302  | 307  | 342  | 343  | 344  | 349  | 387  | 388  | 390  | 395  | 436  | 437  | 439  | 496  |      |
| Lo PR     | 116   | 118  | 121  | 126  | 123  | 125  | 128  | 133  | 130  | 131  | 134  | 139  | 135  | 139  | 144  | 144  | 140  | 141  | 144  | 155  |      |
| MBh       | 57.0  | 57.8 | 59.5 | 62.0 | 55.1 | 55.8 | 57.5 | 60.1 | 52.5 | 53.3 | 55.0 | 57.6 | 49.5 | 50.3 | 51.9 | 54.5 | 46.7 | 47.4 | 49.1 | 51.7 |      |
| S/T       | 0.81  | 0.73 | 0.60 | 0.46 | 0.84 | 0.77 | 0.63 | 0.49 | 1.00 | 0.78 | 0.65 | 0.51 | 1.00 | 0.81 | 0.67 | 0.53 | 1.00 | 0.86 | 0.72 | 0.58 |      |
| ΔT        | 22    | 20   | 16   | 13   | 21   | 20   | 16   | 13   | 21   | 20   | 16   | 13   | 21   | 19   | 16   | 13   | 22   | 21   | 17   | 14   |      |
| kW        | 3.42  | 3.42 | 3.41 | 3.44 | 3.85 | 3.84 | 3.84 | 3.87 | 4.32 | 4.32 | 4.31 | 4.34 | 4.84 | 4.83 | 4.83 | 4.86 | 5.41 | 5.41 | 5.40 | 6.11 |      |
| Amps      | 13.0  | 13.0 | 12.9 | 13.1 | 14.9 | 14.9 | 14.9 | 15.0 | 17.1 | 17.1 | 17.1 | 17.2 | 19.5 | 19.4 | 19.4 | 19.6 | 22.1 | 22.1 | 22.0 | 25.3 |      |
| Hi PR     | 259   | 261  | 262  | 267  | 300  | 301  | 303  | 307  | 342  | 343  | 345  | 350  | 388  | 389  | 391  | 395  | 437  | 438  | 440  | 497  |      |
| Lo PR     | 117   | 119  | 121  | 126  | 124  | 125  | 128  | 133  | 130  | 132  | 135  | 139  | 135  | 137  | 140  | 145  | 140  | 142  | 145  | 156  |      |

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



EXPANDED COOLING DATA — GSZB406010A\* + AMST60DU1400A\* (CONT.)

| IDB  | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | ENTERING INDOOR WET BULB TEMPERATURE |      |      |      |       |      |      |      |       |      |      |      |      |
|------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------|------|------|------|-------|------|------|------|-------|------|------|------|------|
|      |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F                                 |      |      |      | 105°F |      |      |      | 115°F |      |      |      |      |
|      |         | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59                                   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |      |
| 80   | 1750    | MBh                         | 56.7 | 57.5 | 59.2 | 61.7 | 56.2 | 57.0 | 58.7 | 61.2 | 54.7 | 55.5 | 57.2 | 59.8                                 | 52.2 | 53.0 | 54.7 | 57.2  | 49.2 | 50.0 | 51.6 | 54.2  | 46.4 | 47.1 | 48.8 | 51.4 |
|      |         | S/T                         | 0.90 | 0.83 | 0.69 | 0.55 | 1.00 | 0.83 | 0.70 | 0.55 | 1.00 | 0.86 | 0.72 | 0.58                                 | 1.00 | 0.88 | 0.74 | 0.60  | 1.00 | 0.90 | 0.76 | 0.62  | 1.00 | 1.00 | 0.81 | 0.67 |
|      |         | ΔT                          | 26   | 24   | 21   | 18   | 26   | 24   | 21   | 18   | 26   | 25   | 21   | 18                                   | 26   | 24   | 21   | 18    | 26   | 24   | 21   | 17    | 27   | 25   | 22   | 18   |
|      |         | kW                          | 3.41 | 3.40 | 3.40 | 3.43 | 3.83 | 3.83 | 3.82 | 3.86 | 4.31 | 4.31 | 4.30 | 4.33                                 | 4.82 | 4.82 | 4.81 | 4.85  | 5.40 | 5.39 | 5.39 | 5.42  | 6.07 | 6.07 | 6.06 | 6.09 |
|      |         | Amps                        | 12.9 | 12.9 | 12.9 | 13.0 | 14.9 | 14.9 | 14.8 | 15.0 | 17.0 | 17.0 | 17.0 | 17.1                                 | 19.4 | 19.4 | 19.4 | 19.5  | 22.0 | 22.0 | 22.0 | 22.1  | 25.1 | 25.1 | 25.1 | 25.2 |
|      | 1840    | Hi PR                       | 258  | 259  | 261  | 266  | 299  | 300  | 302  | 306  | 341  | 342  | 344  | 349                                  | 387  | 388  | 390  | 394   | 436  | 437  | 439  | 443   | 488  | 490  | 491  | 496  |
|      |         | Lo PR                       | 116  | 118  | 121  | 126  | 123  | 125  | 128  | 132  | 129  | 131  | 134  | 139                                  | 135  | 136  | 139  | 144   | 140  | 141  | 144  | 149   | 146  | 147  | 150  | 155  |
|      |         | MBh                         | 57.0 | 57.8 | 59.5 | 62.0 | 56.5 | 57.3 | 59.0 | 61.5 | 55.1 | 55.8 | 57.5 | 60.1                                 | 52.5 | 53.3 | 55.0 | 57.6  | 49.5 | 50.3 | 51.9 | 54.5  | 46.7 | 47.5 | 49.1 | 51.7 |
|      |         | S/T                         | 0.92 | 0.85 | 0.71 | 0.57 | 1.00 | 0.85 | 0.72 | 0.57 | 1.00 | 0.88 | 0.74 | 0.60                                 | 1.00 | 0.90 | 0.76 | 0.62  | 1.00 | 0.92 | 0.78 | 0.64  | 1.00 | 1.00 | 0.83 | 0.69 |
|      |         | ΔT                          | 26   | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 26   | 24   | 21   | 18                                   | 26   | 24   | 21   | 17    | 25   | 24   | 20   | 17    | 27   | 25   | 22   | 18   |
| 1920 | kW      | 3.42                        | 3.41 | 3.41 | 3.44 | 3.84 | 3.84 | 3.83 | 3.86 | 4.32 | 4.31 | 4.31 | 4.34 | 4.83                                 | 4.83 | 4.82 | 4.85 | 5.41  | 5.40 | 5.40 | 5.43 | 6.08  | 6.08 | 6.07 | 6.10 |      |
|      | Amps    | 13.0                        | 12.9 | 12.9 | 13.1 | 14.9 | 14.9 | 14.9 | 15.0 | 17.1 | 17.1 | 17.0 | 17.2 | 19.4                                 | 19.4 | 19.4 | 19.5 | 22.1  | 22.1 | 22.0 | 22.2 | 25.2  | 25.1 | 25.1 | 25.3 |      |
|      | Hi PR   | 259                         | 260  | 262  | 267  | 300  | 301  | 303  | 307  | 342  | 343  | 345  | 349  | 388                                  | 389  | 391  | 395  | 437   | 438  | 440  | 444  | 489   | 490  | 492  | 497  |      |
|      | Lo PR   | 117                         | 118  | 121  | 126  | 124  | 125  | 128  | 133  | 130  | 131  | 134  | 139  | 135                                  | 137  | 140  | 144  | 140   | 142  | 145  | 150  | 147   | 148  | 151  | 156  |      |
|      | MBh     | 57.3                        | 58.1 | 59.8 | 62.3 | 56.8 | 57.6 | 59.3 | 61.8 | 55.3 | 56.1 | 57.8 | 60.4 | 52.8                                 | 53.6 | 55.3 | 57.8 | 49.8  | 50.5 | 52.2 | 54.8 | 46.9  | 47.7 | 49.4 | 52.0 |      |
| 85   | 1750    | S/T                         | 0.94 | 0.86 | 0.72 | 0.58 | 1.00 | 0.87 | 0.73 | 0.59 | 1.00 | 0.89 | 0.76 | 0.61                                 | 1.00 | 0.91 | 0.77 | 0.63  | 1.00 | 0.93 | 0.80 | 0.65  | 1.00 | 1.00 | 0.85 | 0.71 |
|      |         | ΔT                          | 25   | 24   | 20   | 17   | 25   | 24   | 20   | 17   | 26   | 24   | 21   | 17                                   | 25   | 24   | 20   | 17    | 25   | 23   | 20   | 17    | 26   | 24   | 21   | 18   |
|      |         | kW                          | 3.42 | 3.42 | 3.41 | 3.44 | 3.85 | 3.85 | 3.84 | 3.87 | 4.32 | 4.32 | 4.31 | 4.35                                 | 4.84 | 4.84 | 4.83 | 4.86  | 5.41 | 5.41 | 5.40 | 5.44  | 6.09 | 6.08 | 6.08 | 6.11 |
|      |         | Amps                        | 13.0 | 13.0 | 12.9 | 13.1 | 14.9 | 14.9 | 14.9 | 15.0 | 17.1 | 17.1 | 17.0 | 17.2                                 | 19.5 | 19.5 | 19.4 | 19.6  | 22.1 | 22.1 | 22.1 | 22.2  | 25.2 | 25.2 | 25.1 | 25.3 |
|      |         | Hi PR                       | 260  | 261  | 263  | 267  | 300  | 301  | 303  | 308  | 343  | 344  | 346  | 350                                  | 388  | 389  | 391  | 396   | 438  | 439  | 440  | 445   | 490  | 491  | 493  | 497  |
|      | 1840    | Lo PR                       | 118  | 119  | 122  | 127  | 125  | 126  | 129  | 134  | 131  | 132  | 135  | 140                                  | 136  | 137  | 140  | 145   | 141  | 142  | 145  | 150   | 147  | 149  | 152  | 157  |
|      |         | MBh                         | 57.7 | 58.4 | 60.1 | 62.7 | 57.2 | 57.9 | 59.6 | 62.2 | 55.7 | 56.5 | 58.2 | 60.7                                 | 53.2 | 54.0 | 55.6 | 58.2  | 50.1 | 50.9 | 52.6 | 55.1  | 47.3 | 48.1 | 49.8 | 52.3 |
|      |         | S/T                         | 1.00 | 0.93 | 0.79 | 0.6  | 1.00 | 0.93 | 0.80 | 0.7  | 1.00 | 0.96 | 0.82 | 0.7                                  | 1.00 | 1.00 | 0.84 | 0.7   | 1.00 | 1.00 | 0.86 | 0.7   | 1.00 | 1.00 | 0.92 | 0.8  |
|      |         | ΔT                          | 30   | 28   | 25   | 21   | 30   | 28   | 25   | 21   | 30   | 28   | 25   | 21                                   | 30   | 28   | 24   | 21    | 29   | 28   | 24   | 21    | 30   | 29   | 25   | 22   |
|      |         | kW                          | 3.42 | 3.41 | 3.41 | 3.4  | 3.84 | 3.84 | 3.83 | 3.9  | 4.32 | 4.31 | 4.31 | 4.3                                  | 4.83 | 4.83 | 4.82 | 4.9   | 5.41 | 5.40 | 5.40 | 5.4   | 6.08 | 6.08 | 6.07 | 6.1  |
| 1920 | Amps    | 13.0                        | 12.9 | 12.9 | 13.1 | 14.9 | 14.9 | 14.9 | 15.0 | 17.1 | 17.1 | 17.0 | 17.2 | 19.4                                 | 19.4 | 19.4 | 19.5 | 22.1  | 22.1 | 22.0 | 22.2 | 25.2  | 25.1 | 25.1 | 25.3 |      |
|      | Hi PR   | 260                         | 262  | 263  | 268  | 301  | 302  | 304  | 308  | 343  | 344  | 346  | 351  | 389                                  | 390  | 392  | 396  | 438   | 439  | 441  | 445  | 491   | 492  | 493  | 498  |      |
|      | Lo PR   | 119                         | 120  | 123  | 128  | 126  | 127  | 130  | 135  | 132  | 133  | 136  | 141  | 137                                  | 138  | 141  | 146  | 142   | 143  | 146  | 151  | 148   | 149  | 152  | 157  |      |
|      | MBh     | 58.0                        | 58.7 | 60.4 | 63.0 | 57.5 | 58.2 | 59.9 | 62.5 | 56.0 | 56.8 | 58.5 | 61.0 | 53.5                                 | 54.3 | 55.9 | 58.5 | 50.4  | 51.2 | 52.9 | 55.4 | 47.6  | 48.4 | 50.1 | 52.6 |      |
|      | S/T     | 1.00                        | 0.95 | 0.81 | 0.7  | 1.00 | 0.95 | 0.82 | 0.7  | 1.00 | 0.98 | 0.84 | 0.7  | 1.00                                 | 1.00 | 0.86 | 0.7  | 1.00  | 1.00 | 0.88 | 0.7  | 1.00  | 1.00 | 0.94 | 0.8  |      |
| 1920 | ΔT      | 29                          | 27   | 24   | 20   | 29   | 27   | 24   | 20   | 29   | 28   | 24   | 21   | 29                                   | 27   | 24   | 21   | 29    | 27   | 24   | 20   | 30    | 28   | 25   | 22   |      |
|      | kW      | 3.43                        | 3.43 | 3.42 | 3.5  | 3.86 | 3.85 | 3.85 | 3.9  | 4.33 | 4.33 | 4.32 | 4.4  | 4.85                                 | 4.84 | 4.84 | 4.9  | 5.42  | 5.41 | 5.40 | 5.4  | 6.10  | 6.09 | 6.08 | 6.1  |      |
|      | Amps    | 13.0                        | 13.0 | 13.0 | 13.1 | 15.0 | 15.0 | 14.9 | 15.1 | 17.2 | 17.1 | 17.1 | 17.3 | 19.5                                 | 19.5 | 19.5 | 19.6 | 22.1  | 22.1 | 22.1 | 22.2 | 25.2  | 25.2 | 25.2 | 25.3 |      |
|      | Hi PR   | 261                         | 262  | 264  | 269  | 302  | 303  | 304  | 309  | 344  | 345  | 347  | 351  | 390                                  | 391  | 392  | 397  | 439   | 440  | 442  | 446  | 491   | 492  | 494  | 499  |      |
|      | Lo PR   | 119                         | 121  | 124  | 129  | 126  | 128  | 131  | 136  | 132  | 134  | 137  | 142  | 138                                  | 139  | 142  | 147  | 143   | 144  | 147  | 152  | 149   | 150  | 153  | 158  |      |

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

EXPANDED HEATING DATA

**GSZB401810A\*+AMST24BU1400A\***

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 22.0                        | 20.6 | 19.2 | 17.9 | 17.0 | 16.4 | 14.7 | 13.2 | 12.0 | 11.0 | 10.4 | 10.0 | 9.5  | 8.4  | 7.2  | 6.0  | 4.9  |
| T/R   | 32.0                        | 30.3 | 28.5 | 26.7 | 25.7 | 24.7 | 22.2 | 19.9 | 18.1 | 16.7 | 15.7 | 15.1 | 14.4 | 12.6 | 10.9 | 9.1  | 7.3  |
| KW    | 1.6                         | 1.5  | 1.5  | 1.4  | 1.4  | 1.4  | 1.3  | 1.3  | 1.3  | 1.2  | 1.2  | 1.2  | 1.2  | 1.1  | 1.1  | 1.0  | 1.0  |
| AMPS  | 5.9                         | 5.7  | 5.5  | 5.3  | 5.2  | 5.1  | 5.0  | 4.8  | 4.6  | 4.4  | 4.2  | 4.1  | 4.1  | 3.9  | 3.7  | 3.5  | 3.3  |
| COP   | 4.10                        | 3.95 | 3.78 | 3.62 | 3.50 | 3.41 | 3.16 | 2.92 | 2.74 | 2.61 | 2.54 | 2.50 | 2.42 | 2.20 | 1.97 | 1.72 | 1.44 |
| Hi PR | 392                         | 379  | 366  | 354  | 346  | 341  | 328  | 315  | 303  | 290  | 277  | 270  | 264  | 252  | 239  | 226  | 213  |
| LO PR | 144                         | 135  | 126  | 117  | 112  | 108  | 99   | 90   | 81   | 72   | 64   | 58   | 55   | 46   | 37   | 28   | 19   |

**GSZB402410A\*+AMST24BU1400A\***

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 28.5                        | 26.7 | 24.9 | 23.1 | 22.0 | 21.2 | 19.1 | 17.1 | 15.5 | 14.3 | 13.5 | 13.0 | 12.4 | 10.9 | 9.4  | 7.9  | 6.4  |
| T/R   | 32.5                        | 30.7 | 29.0 | 27.2 | 26.1 | 25.1 | 22.6 | 20.3 | 18.4 | 17.0 | 16.0 | 15.4 | 14.7 | 12.9 | 11.2 | 9.4  | 7.6  |
| KW    | 2.0                         | 1.9  | 1.9  | 1.8  | 1.8  | 1.8  | 1.7  | 1.7  | 1.6  | 1.6  | 1.6  | 1.5  | 1.5  | 1.5  | 1.4  | 1.4  | 1.3  |
| AMPS  | 7.2                         | 7.1  | 6.9  | 6.7  | 6.5  | 6.5  | 6.3  | 6.1  | 5.9  | 5.7  | 5.5  | 5.4  | 5.3  | 5.1  | 4.9  | 4.7  | 4.5  |
| COP   | 4.28                        | 4.10 | 3.92 | 3.73 | 3.60 | 3.50 | 3.23 | 2.98 | 2.77 | 2.63 | 2.55 | 2.50 | 2.41 | 2.19 | 1.94 | 1.69 | 1.41 |
| Hi PR | 381                         | 368  | 356  | 343  | 336  | 331  | 319  | 306  | 294  | 282  | 269  | 262  | 257  | 244  | 232  | 220  | 207  |
| LO PR | 138                         | 129  | 121  | 112  | 107  | 104  | 95   | 86   | 78   | 69   | 61   | 56   | 52   | 44   | 35   | 26   | 18   |

**GSZB403010A\*+AMST24BU1400A\***

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 34.9                        | 32.9 | 30.9 | 28.9 | 27.6 | 26.7 | 24.4 | 22.2 | 20.4 | 19.1 | 18.1 | 17.6 | 16.9 | 15.3 | 13.6 | 11.9 | 10.3 |
| T/R   | 29.1                        | 27.6 | 26.2 | 24.8 | 23.9 | 23.1 | 21.1 | 19.2 | 17.6 | 16.5 | 15.7 | 15.2 | 14.7 | 13.2 | 11.8 | 10.3 | 8.9  |
| KW    | 2.2                         | 2.1  | 2.1  | 2.1  | 2.1  | 2.1  | 2.0  | 2.0  | 2.0  | 2.0  | 1.9  | 1.9  | 1.9  | 1.9  | 1.8  | 1.8  | 1.8  |
| AMPS  | 7.7                         | 7.6  | 7.5  | 7.4  | 7.3  | 7.3  | 7.2  | 7.0  | 6.9  | 6.8  | 6.7  | 6.6  | 6.6  | 6.4  | 6.3  | 6.2  | 6.1  |
| COP   | 4.71                        | 4.49 | 4.27 | 4.05 | 3.90 | 3.79 | 3.51 | 3.24 | 3.01 | 2.86 | 2.75 | 2.70 | 2.61 | 2.39 | 2.16 | 1.92 | 1.68 |
| Hi PR | 351                         | 340  | 328  | 317  | 310  | 305  | 294  | 283  | 271  | 260  | 248  | 241  | 237  | 225  | 214  | 203  | 191  |
| LO PR | 135                         | 127  | 118  | 110  | 105  | 102  | 93   | 85   | 76   | 68   | 60   | 54   | 51   | 43   | 34   | 26   | 17   |

**GSZB403610A\*+AMST36CU1400A\***

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 43.8                        | 41.1 | 38.6 | 36.0 | 34.4 | 33.2 | 30.3 | 27.5 | 25.2 | 23.5 | 22.3 | 21.6 | 20.7 | 18.6 | 16.5 | 14.3 | 12.2 |
| T/R   | 33.9                        | 32.2 | 30.4 | 28.7 | 27.7 | 26.8 | 24.4 | 22.1 | 20.3 | 18.9 | 17.9 | 17.4 | 16.7 | 15.0 | 13.3 | 11.6 | 9.8  |
| KW    | 3.1                         | 3.1  | 3.0  | 2.9  | 2.9  | 2.9  | 2.8  | 2.7  | 2.6  | 2.6  | 2.5  | 2.4  | 2.4  | 2.3  | 2.3  | 2.2  | 2.1  |
| AMPS  | 11.9                        | 11.5 | 11.2 | 10.9 | 10.7 | 10.6 | 10.2 | 9.9  | 9.6  | 9.3  | 9.0  | 8.8  | 8.6  | 8.3  | 8.0  | 7.7  | 7.3  |
| COP   | 4.07                        | 3.92 | 3.77 | 3.61 | 3.50 | 3.41 | 3.20 | 2.98 | 2.81 | 2.69 | 2.63 | 2.60 | 2.53 | 2.34 | 2.14 | 1.93 | 1.70 |
| Hi PR | 434                         | 420  | 406  | 391  | 383  | 377  | 363  | 349  | 335  | 321  | 307  | 298  | 293  | 279  | 264  | 250  | 236  |
| LO PR | 133                         | 124  | 116  | 108  | 103  | 100  | 91   | 83   | 75   | 67   | 58   | 53   | 50   | 42   | 34   | 25   | 17   |

Above information is for nominal CFM and 70 degree indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

**GSZB404210A\*+AMST42CU1400A\***

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 51.6                        | 48.3 | 45.2 | 42.0 | 40.0 | 38.5 | 34.8 | 31.3 | 28.5 | 26.4 | 24.8 | 24.0 | 22.9 | 20.3 | 17.6 | 14.9 | 12.3 |
| T/R   | 34.3                        | 32.4 | 30.6 | 28.7 | 27.6 | 26.6 | 24.0 | 21.6 | 19.7 | 18.2 | 17.2 | 16.6 | 15.8 | 14.0 | 12.2 | 10.3 | 8.5  |
| KW    | 3.5                         | 3.4  | 3.3  | 3.3  | 3.3  | 3.2  | 3.2  | 3.1  | 3.1  | 3.0  | 3.0  | 2.9  | 2.9  | 2.9  | 2.8  | 2.7  | 2.7  |
| AMPS  | 12.9                        | 12.6 | 12.4 | 12.2 | 12.0 | 11.9 | 11.7 | 11.5 | 11.2 | 11.0 | 10.8 | 10.6 | 10.5 | 10.3 | 10.0 | 9.8  | 9.6  |
| COP   | 4.38                        | 4.17 | 3.96 | 3.74 | 3.60 | 3.49 | 3.21 | 2.94 | 2.72 | 2.56 | 2.46 | 2.40 | 2.31 | 2.08 | 1.84 | 1.59 | 1.34 |
| Hi PR | 394                         | 381  | 369  | 356  | 348  | 343  | 330  | 317  | 304  | 292  | 279  | 271  | 266  | 253  | 240  | 227  | 215  |
| LO PR | 131                         | 123  | 115  | 107  | 102  | 99   | 91   | 82   | 74   | 66   | 58   | 53   | 50   | 41   | 33   | 25   | 17   |

**GSZB404810A\*+AMST48CU1400A\***

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 59.1                        | 55.4 | 51.8 | 48.3 | 46.0 | 44.4 | 40.2 | 36.2 | 33.0 | 30.7 | 28.9 | 28.0 | 26.8 | 23.8 | 20.8 | 17.8 | 14.8 |
| T/R   | 36.0                        | 34.1 | 32.2 | 30.3 | 29.2 | 28.1 | 25.5 | 23.0 | 20.9 | 19.4 | 18.3 | 17.8 | 17.0 | 15.1 | 13.2 | 11.3 | 9.4  |
| KW    | 3.9                         | 3.8  | 3.7  | 3.7  | 3.6  | 3.6  | 3.6  | 3.5  | 3.4  | 3.4  | 3.3  | 3.3  | 3.3  | 3.2  | 3.1  | 3.1  | 3.0  |
| AMPS  | 14.5                        | 14.2 | 13.9 | 13.7 | 13.5 | 13.4 | 13.2 | 12.9 | 12.6 | 12.4 | 12.1 | 12.0 | 11.9 | 11.6 | 11.3 | 11.1 | 10.8 |
| COP   | 4.48                        | 4.27 | 4.06 | 3.85 | 3.70 | 3.59 | 3.31 | 3.03 | 2.81 | 2.66 | 2.55 | 2.50 | 2.41 | 2.18 | 1.94 | 1.69 | 1.44 |
| Hi PR | 433                         | 419  | 405  | 390  | 382  | 376  | 362  | 348  | 334  | 320  | 306  | 298  | 292  | 278  | 264  | 250  | 236  |
| LO PR | 137                         | 128  | 120  | 111  | 106  | 103  | 94   | 86   | 77   | 69   | 60   | 55   | 52   | 43   | 35   | 26   | 18   |

**GSZB406010A\*+AMST60DU1400A\***

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 72.4                        | 68.1 | 63.9 | 59.7 | 57.0 | 55.0 | 50.2 | 45.6 | 41.8 | 39.1 | 37.1 | 36.0 | 34.6 | 31.1 | 27.6 | 24.1 | 20.6 |
| T/R   | 44.1                        | 41.9 | 39.7 | 37.5 | 36.2 | 35.0 | 31.9 | 28.9 | 26.5 | 24.8 | 23.5 | 22.8 | 21.9 | 19.7 | 17.5 | 15.3 | 13.1 |
| KW    | 4.7                         | 4.6  | 4.6  | 4.5  | 4.5  | 4.5  | 4.4  | 4.4  | 4.3  | 4.3  | 4.2  | 4.2  | 4.2  | 4.2  | 4.1  | 4.1  | 4.0  |
| AMPS  | 18.1                        | 17.9 | 17.7 | 17.4 | 17.3 | 17.2 | 17.0 | 16.8 | 16.6 | 16.4 | 16.2 | 16.0 | 15.9 | 15.7 | 15.5 | 15.3 | 15.1 |
| COP   | 4.52                        | 4.30 | 4.07 | 3.85 | 3.70 | 3.59 | 3.31 | 3.04 | 2.82 | 2.66 | 2.56 | 2.50 | 2.41 | 2.20 | 1.97 | 1.74 | 1.51 |
| Hi PR | 412                         | 399  | 385  | 372  | 364  | 359  | 345  | 332  | 318  | 305  | 292  | 284  | 278  | 265  | 251  | 238  | 225  |
| LO PR | 128                         | 120  | 112  | 104  | 99   | 96   | 88   | 80   | 72   | 64   | 56   | 51   | 48   | 40   | 32   | 24   | 16   |

Above information is for nominal CFM and 70 degree indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power

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PERFORMANCE DATA

| <b>GSZB401810A* + AMST24BU1400A*</b>            |               |                |              |              |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 615 CFM      |               |                |              |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS  |
| 75  | 18,250        | 13,500         | 4,750        | 1,160        |
| 80  | 18,050        | 13,350         | 4,700        | 1,230        |
| 85  | 17,800        | 13,150         | 4,650        | 1,290        |
| 90  | 17,400        | 12,900         | 4,500        | 1,360        |
| <b>95</b>                                       | <b>17,000</b> | <b>12,600</b>  | <b>4,400</b> | <b>1,430</b> |
| 100   | 16,550        | 12,250         | 4,300        | 1,510        |
| 105   | 16,050        | 11,900         | 4,150        | 1,580        |
| 110   | 15,650        | 11,600         | 4,050        | 1,680        |
| 115   | 15,200        | 11,250         | 3,950        | 1,770        |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB |               |                |              |              |
| 95°   | 16,400        | 12,650         | 3,750        | 1,430        |

| <b>GSZB402410A* + AMST24BU1400A*</b>            |               |                |              |              |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 780 CFM      |               |                |              |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS  |
| 75  | 24,250        | 17,700         | 6,550        | 1,520        |
| 80  | 23,950        | 17,500         | 6,450        | 1,610        |
| 85  | 23,650        | 17,300         | 6,350        | 1,700        |
| 90  | 23,150        | 16,900         | 6,250        | 1,800        |
| <b>95</b>                                       | <b>22,600</b> | <b>16,500</b>  | <b>6,100</b> | <b>1,900</b> |
| 100   | 22,000        | 16,050         | 5,950        | 2,010        |
| 105   | 21,350        | 15,600         | 5,750        | 2,120        |
| 110   | 20,800        | 15,200         | 5,600        | 2,250        |
| 115   | 20,200        | 14,750         | 5,450        | 2,380        |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB |               |                |              |              |
| 95°   | 21,800        | 16,550         | 5,250        | 1,900        |

| <b>GSZB403010A* + AMST30BU1400A*</b>            |               |                |              |              |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 1070 CFM     |               |                |              |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS  |
| 75  | 30,250        | 22,700         | 7,550        | 1,910        |
| 80  | 29,900        | 22,450         | 7,450        | 2,020        |
| 85  | 29,500        | 22,150         | 7,350        | 2,130        |
| 90  | 28,850        | 21,650         | 7,200        | 2,250        |
| <b>95</b>                                       | <b>28,200</b> | <b>21,150</b>  | <b>7,050</b> | <b>2,370</b> |
| 100   | 27,400        | 20,600         | 6,800        | 2,510        |
| 105   | 26,600        | 20,000         | 6,600        | 2,640        |
| 110   | 25,900        | 19,450         | 6,450        | 2,800        |
| 115   | 25,200        | 18,900         | 6,300        | 2,950        |
| TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB |               |                |              |              |
| 95°   | 27,200        | 22,050         | 5,150        | 2,370        |

| <b>GSZB403610A* + AMST36CU1400A*</b>            |               |                |              |              |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 1150 CFM     |               |                |              |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS  |
| 75  | 36,900        | 26,250         | 10,650       | 2,320        |
| 80  | 36,450        | 25,950         | 10,500       | 2,460        |
| 85  | 35,950        | 25,600         | 10,350       | 2,590        |
| 90  | 35,200        | 25,050         | 10,150       | 2,740        |
| <b>95</b>                                       | <b>34,400</b> | <b>24,500</b>  | <b>9,900</b> | <b>2,890</b> |
| 100   | 33,450        | 23,800         | 9,650        | 3,060        |
| 105   | 32,500        | 23,100         | 9,400        | 3,220        |
| 110   | 31,600        | 22,500         | 9,100        | 3,420        |
| 115   | 30,700        | 21,850         | 8,850        | 3,610        |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB |               |                |              |              |
| 95°   | 33,150        | 24,550         | 8,600        | 2,890        |

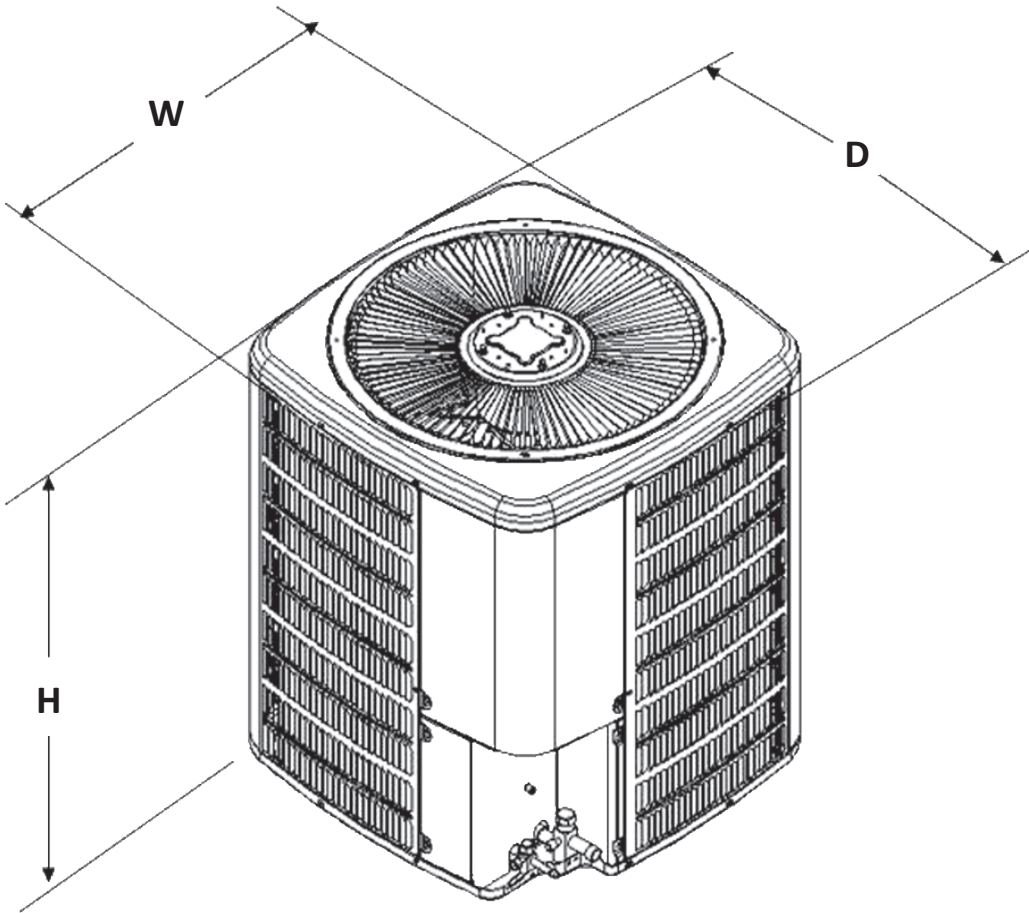
| <b>GSZB404210A* + AMST42CU1400A*</b>            |               |                |               |              |
|---|---------------|----------------|---------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 1340 CFM     |               |                |               |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H  | TOTAL WATTS  |
| 75  | 42,900        | 31,750         | 11,150        | 2,700        |
| 80  | 42,400        | 31,400         | 11,000        | 2,860        |
| 85  | 41,850        | 31,000         | 10,850        | 3,020        |
| 90  | 40,950        | 30,350         | 10,600        | 3,190        |
| <b>95</b>                                       | <b>40,000</b> | <b>29,650</b>  | <b>10,350</b> | <b>3,360</b> |
| 100   | 38,900        | 28,850         | 10,050        | 3,550        |
| 105   | 37,750        | 28,000         | 9,750         | 3,740        |
| 110   | 36,750        | 27,250         | 9,500         | 3,960        |
| 115   | 35,750        | 26,450         | 9,300         | 4,180        |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB |               |                |               |              |
| 95°   | 38,550        | 29,700         | 8,850         | 3,360        |

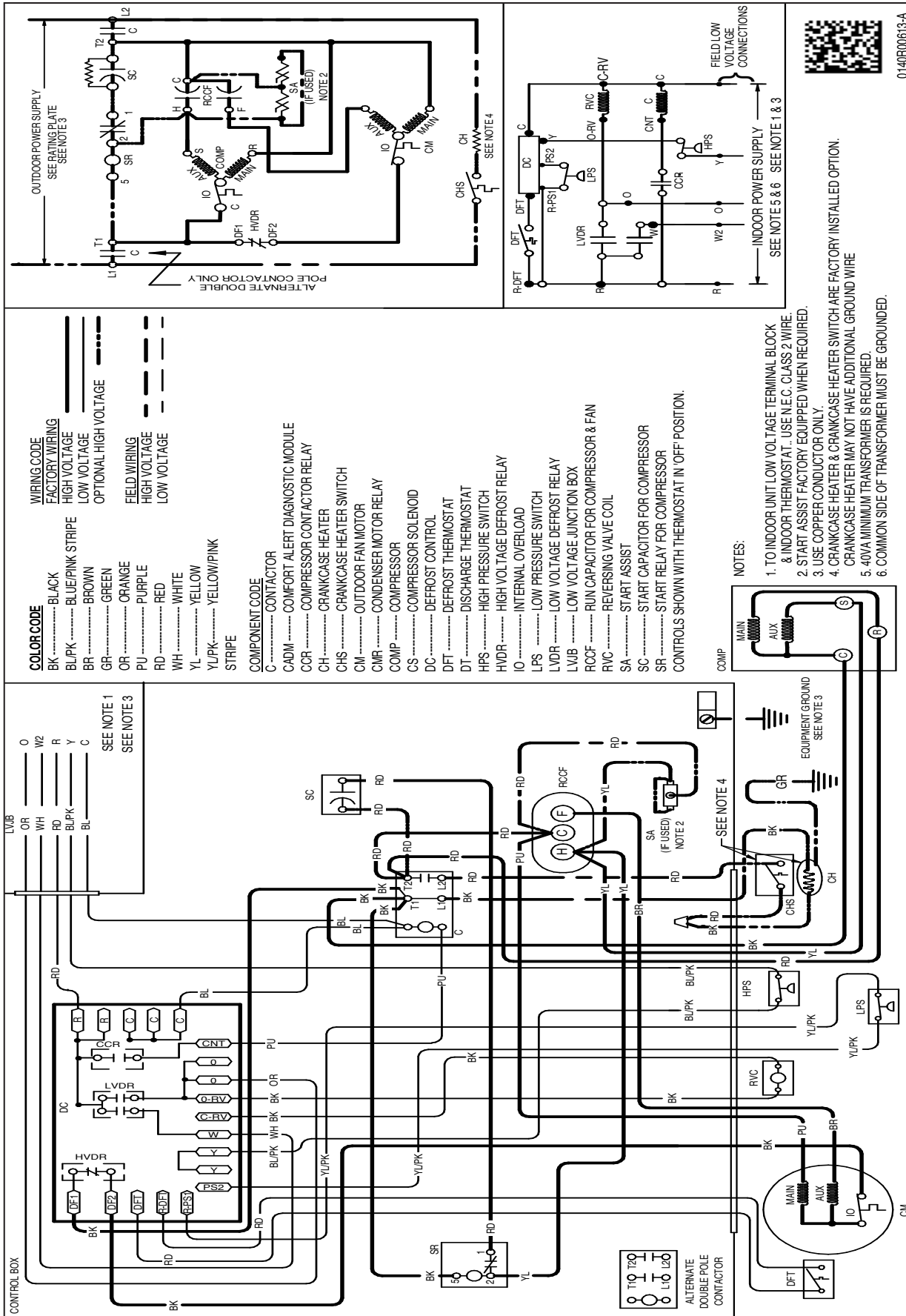
| <b>GSZB404810A* + AMST48CU1400A*</b>            |               |                |               |              |
|---|---------------|----------------|---------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 1460 CFM     |               |                |               |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H  | TOTAL WATTS  |
| 75  | 48,800        | 35,200         | 13,600        | 3,060        |
| 80  | 48,200        | 34,750         | 13,450        | 3,240        |
| 85  | 47,600        | 34,300         | 13,300        | 3,420        |
| 90  | 46,550        | 33,550         | 13,000        | 3,620        |
| <b>95</b>                                       | <b>45,500</b> | <b>32,800</b>  | <b>12,700</b> | <b>3,820</b> |
| 100   | 44,250        | 31,900         | 12,350        | 4,040        |
| 105   | 42,950        | 31,000         | 11,950        | 4,260        |
| 110   | 41,800        | 30,150         | 11,650        | 4,520        |
| 115   | 40,650        | 29,300         | 11,350        | 4,780        |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB |               |                |               |              |
| 95°   | 43,900        | 32,900         | 11,000        | 3,830        |

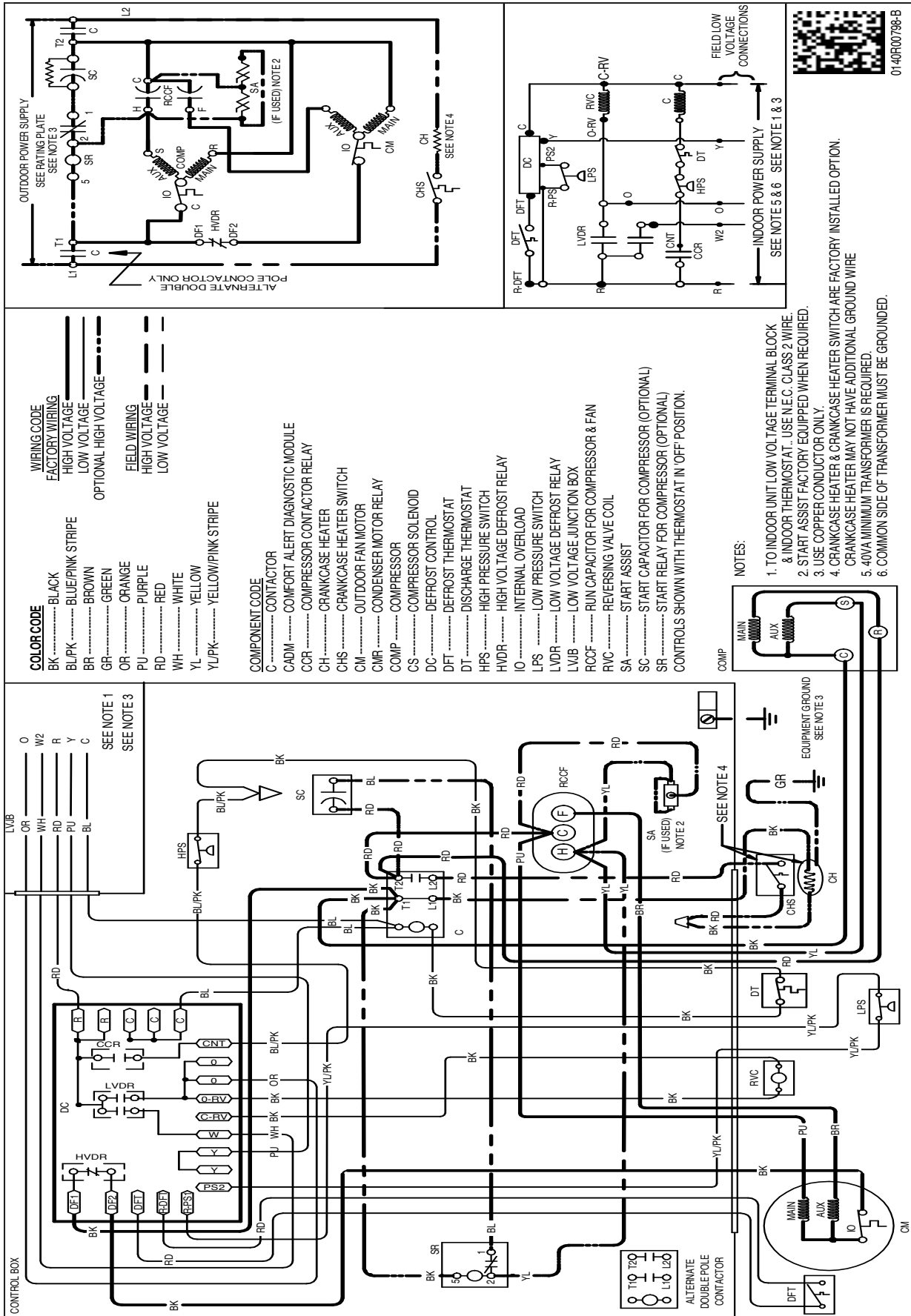
| <b>GSZB406010A* + AMST60DU1400A*</b>            |               |                |               |              |
|---|---------------|----------------|---------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 1840 CFM     |               |                |               |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H  | TOTAL WATTS  |
| 75  | 58,950        | 43,700         | 15,250        | 3,830        |
| 80  | 58,250        | 43,150         | 15,100        | 4,070        |
| 85  | 57,500        | 42,600         | 14,900        | 4,310        |
| 90  | 56,250        | 41,700         | 14,550        | 4,570        |
| <b>95</b>                                       | <b>55,000</b> | <b>40,750</b>  | <b>14,250</b> | <b>4,820</b> |
| 100   | 53,500        | 39,600         | 13,900        | 5,110        |
| 105   | 51,950        | 38,450         | 13,500        | 5,400        |
| 110   | 50,550        | 37,450         | 13,100        | 5,740        |
| 115   | 49,100        | 36,400         | 12,700        | 6,070        |
| TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB |               |                |               |              |
| 95°   | 53,050        | 40,850         | 12,200        | 4,830        |

DIMENSIONS

| MODEL        | DIMENSIONS |     |          |
|--------------|------------|-----|----------|
|              | W"         | D"  | H"       |
| GSZB401810A* | 29         | 29  | 35 11/16 |
| GSZB402410A* | 29         | 29  | 35 11/16 |
| GSZB403010A* | 29         | 29  | 39 8/16  |
| GSZB403610A* | 35½        | 35½ | 39 10/16 |
| GSZB404210A* | 35½        | 35½ | 35 13/16 |
| GSZB404810A* | 35½        | 35½ | 36 7/16  |
| GSZB406010A* | 35½        | 35½ | 41 10/16 |







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

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



| MODEL #                   | DESCRIPTION                           | GSZB4<br>01810A | GSZB4<br>02410A | GSZB4<br>03010A | GSZB4<br>03610A | GSZB4<br>04210A | GSZB4<br>04810A | GSZB4<br>06010A |
|---------------------------|---------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| ABK-20                    | Anchor Bracket Kit <sup>0</sup>       | X               | X               | X               | X               | X               | X               | X               |
| CSR-U-1                   | Hard-start Kit                        | X               | X               | X               | X               |                 |                 |                 |
| CSR-U-2                   | Hard-start Kit                        |                 |                 |                 |                 | X               | X               | X               |
| CSR-U-3                   | Hard-start Kit                        |                 |                 |                 |                 |                 | X               | X               |
| FSK01A <sup>1</sup>       | Freeze Protection Kit                 | X               | X               | X               | X               | X               | X               | X               |
| LAKT01                    | Low-Ambient Kit                       | X               | X               | X               | X               | X               | X               | X               |
| OT18-60A <sup>2</sup>     | Outdoor Thermostat w/<br>Lockout Stat | X               | X               | X               | X               | X               | X               | X               |
| TXV-FX-KX-2T <sup>3</sup> | TXV Kit                               | X               | X               |                 |                 |                 |                 |                 |
| TXV-FX-KX-3T <sup>3</sup> | TXV Kit                               |                 |                 | X               | X               |                 |                 |                 |
| TXV-FX-KX-5T <sup>3</sup> | TXV Kit                               |                 |                 |                 |                 | X               | X               | X               |
| OT18-60A <sup>2</sup>     | Outdoor Thermostat                    | X               | X               | X               | X               | X               | X               |                 |
| TX2N4A <sup>3</sup>       | TXV Kit                               | X               | X               | X               | X               |                 |                 |                 |
| TX3N4 <sup>3</sup>        | TXV Kit                               |                 |                 |                 |                 | X               | X               |                 |
| TX5N4 <sup>3</sup>        | TXV Kit                               |                 |                 |                 |                 |                 |                 |                 |

<sup>0</sup> Contains 20 brackets; four brackets needed to anchor unit to pad

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

<sup>2</sup> Required for heat pump applications where ambient temperatures fall below 0°F with 50% or higher relative humidity.

<sup>3</sup> Condensing units and heat pumps with reciprocating or rotary 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. The TXV should always be sized based on the tonnage of the outdoor unit.

**All AHRI system ratings are accessible in the System Configurator tool via PartnerLink.**





