



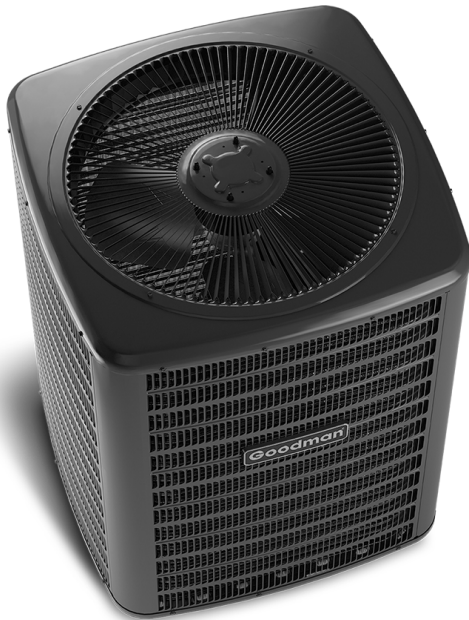
Air Conditioning & Heating

GSZ14

COOLING CAPACITY: 18,000 TO 60,000 BTU/H

HEATING CAPACITY: 18,000 TO 60,000 BTU/H

**ENERGY-EFFICIENT
SPLIT SYSTEM HEAT PUMP
UP TO 15 SEER & 9.0 HSPF
1½ TO 5 TONS**



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Standard Features

- High-efficiency scroll compressor
- SmartShift® technology to ensure quiet reliable defrost
- 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
- Copper tube/enhanced aluminum fin coil
- Fully charged for 15' of tubing length
- Contactor with lug connection
- Ground lug connection
- AHRI Certified; ETL Listed

Cabinet Features

- Goodman® brand sound control top design
- 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
- Service ports and controls are accessible while unit is operating
- When properly anchored, meets the 2017 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)







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



* Complete warranty details available from your local dealer or at 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.

| | G | S | Z | 14 | 036 | 1 | AA | |
|-------------------------|----------------------------|----------|----------|------------|--------------|----------|--|-------------------------------|
| | 1 | 2 | 3 | 4,5 | 6,7,8 | 9 | 10,11 | |
| Brand | G Goodman® Brand | | | | | | Engineering * | |
| | | | | | | | Major & Minor revisions * Not used for inventory control. | |
| Product Category | S Split System | | | | | | | Electrical |
| | | | | | | | | 1- 208/230 V, 1 Phase, 60 Hz |
| Unit Type | X Condenser R-410A | | | | | | | Nominal Capacity |
| | Z Heat Pump R-410A | | | | | | | 018- 1½ tons 042 3½ Tons |
| | | | | | | | | 024- 2 tons 048 4 Tons |
| | | | | | | | | 030- 2½ tons 060 5 Tons |
| | | | | | | | | 036- 3 tons |
| Efficiency | 13 13 SEER 16 16 SEER | | | | | | | |
| | 14 14 SEER 18 18 SEER | | | | | | | |

| | GSZ14 0181K* | GSZ14 0181L* | GSZ14 0191A* | GSZ14 0241K* | GSZ14 0251A* | GSZ14 0301K* | GSZ14 0311A* |
|---|---|---|-----------------|---|-----------------|---|-----------------|
| NOMINAL CAPACITIES | | | | | | | |
| Cooling (BTU/h) | 18,000 | 18,000 | 17,400 | 24,000 | 23,200 | 30,000 | 28,000 |
| Heating (BTU/h) | 18,000 | 18,000 | 18,000 | 24,000 | 23,200 | 30,000 | 31,000 |
| Decibels | 72 | 74 | 72 | 72 | 72 | 74 | 75 |
| COMPRESSOR | | | | | | | |
| RLA | 9.0 | 6.0 | 9.0 | 10.9 | 10.9 | 13.5 | 13.5 |
| LRA | 47.5 | 37.5 | 47.5 | 62.9 | 62.9 | 72.5 | 72.5 |
| Type | Scroll | Rotary | Scroll | Scroll | Scroll | Scroll | Scroll |
| CONDENSER FAN MOTOR | | | | | | | |
| Horsepower | 1/6 | 1/6 | 1/6 | 1/6 | 1/6 | 1/6 | 1/6 |
| FLA | 0.95 | 0.95 | 1.1 | 0.95 | 1.1 | 0.95 | 1.10 |
| REFRIGERATION SYSTEM | | | | | | | |
| Refrigerant Line Size ¹ | | | | | | | |
| 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" | 3/4" | 3/4" | 3/4" | 3/4" |
| 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" | 3/4" | 3/4" | 3/4" | 3/4" |
| Standard Line Set Length (max. feet) | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| Long Line Set Length (max. feet) ² | | | | | | | |
| Equivalent Length | 250 | 150 | 250 | 250 | 250 | 250 | 250 |
| Linear Length | 200 | 150 | 200 | 200 | 200 | 200 | 200 |
| Vertical Length (outdoor below indoor) | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| Vertical Length (outdoor above indoor) | 80 | 80 | 200 | 80 | 200 | 80 | 200 |
| Valve Connection Type | Sweat | Sweat | Sweat | Sweat | Sweat | Sweat | Sweat |
| Refrigerant Charge (oz.) | 108 | 127 | 108 | 108 | 108 | 108 | 160 |
| ELECTRICAL DATA | | | | | | | |
| Volts/Phase (60 Hz) | 208-230/1 | 208-230/1 | 208-230/1 | 208-230/1 | 208-230/1 | 208-230/1 | 208-230/1 |
| Minimum Circuit Ampacity ³ | 12.2 | 8.5 | 12.4 | 14.6 | 14.7 | 17.8 | 17.9 |
| Max. Overcurrent Protection ⁴ | 20 | 15 | 20 | 25 | 25 | 30 | 30 |
| 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" |
| UNIT WEIGHTS | | | | | | | |
| Equipment Weight (lbs.) | 143 | 143 | 143 | 143 | 143 | 171 | 186 |
| Ship Weight (lbs) | 154 | 154 | 154 | 154 | 154 | 182 | 206 |
| ENERGY STAR® CERTIFIED ^ | | | | | | | |
| |  |  | NO |  | NO |  | NO |

^ Energy Star Notes

Proper sizing and installation of equipment is critical to achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov. The www.energystar.gov website provides up-to-date system combinations certified to meet ENERGY STAR® requirements.

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

² Reference TP-107* for additional application requirements




³ Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

⁴ 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 may require the specified TXV Kit to be installed on the indoor coil. THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT NOT THE INDOOR COIL.

PRODUCT SPECIFICATIONS (CONT.)

| | GSZ14 0361K* | GSZ14 0371A* | GSZ14 0421K* | GSZ14 0481K* | GSZ14 0491K* | GSZ14 0601K* |
|---|---|-----------------|---|---|-----------------|-----------------|
| NOMINAL CAPACITIES | | | | | | |
| Cooling (BTU/h) | 36,000 | 33,000 | 42,000 | 48,000 | 48,000 | 60,000 |
| Heating (BTU/h) | 36,000 | 34,000 | 42,000 | 48,000 | 48,000 | 60,000 |
| Decibels | 74 | 73 | 75 | 75 | 76 | 76 |
| COMPRESSOR | | | | | | |
| RLA | 15.4 | 14.1 | 16.7 | 18.5 | 19.9 | 26.4 |
| LRA | 83.9 | 72.2 | 109.0 | 124.0 | 109.0 | 134.0 |
| Type | Scroll | Scroll | Scroll | Scroll | Scroll | Scroll |
| CONDENSER FAN MOTOR | | | | | | |
| Horsepower | 1/6 | 1/4 | 1/6 | 1/4 | 1/6 | 1/4 |
| FLA | 0.95 | 1.30 | 1.1 | 1.30 | 1.1 | 1.30 |
| REFRIGERATION SYSTEM | | | | | | |
| Refrigerant Line Size ¹ | | | | | | |
| Liquid Line Size ("O.D.) | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" |
| Suction Line Size ("O.D.) | 7/8" | 7/8" | 1 1/8" | 1 1/8" | 1 1/8" | 1 1/8" |
| Refrigerant Connection Size | | | | | | |
| Liquid Valve Size ("O.D.) | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" |
| Suction Valve Size ("O.D.) | 3/4" | 7/8" | 7/8" | 7/8" | 7/8" | 7/8" |
| Standard Line Set Length (max. feet) | 80 | 80 | 80 | 80 | 80 | 80 |
| Long Line Set Length (max. feet) ² | | | | | | |
| Equivalent Length | 250 | 250 | 250 | 250 | 250 | 250 |
| Linear Length | 200 | 200 | 200 | 200 | 200 | 200 |
| Vertical Length (outdoor below indoor) | 80 | 80 | 80 | 80 | 80 | 80 |
| Vertical Length (outdoor above indoor) | 80 | 200 | 80 | 80 | 80 | 80 |
| Valve Connection Type | Sweat | Sweat | Sweat | Sweat | Sweat | Sweat |
| Refrigerant Charge | 115 | 175 | 153 | 157 | 192 | 205 |
| ELECTRICAL DATA | | | | | | |
| Volts/Phase (60 Hz) | 208-230/1 | 208-230/1 | 208-230/1 | 208-230/1 | 208-230/1 | 208-230/1 |
| Minimum Circuit Ampacity ³ | 20.2 | 18.9 | 22.0 | 24.4 | 26.0 | 34.3 |
| Max. Overcurrent Protection ⁴ | 35 | 30 | 35 | 40 | 45 | 60 |
| Min / Max Volts | 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" |
| UNIT WEIGHTS | | | | | | |
| Equipment Weight (lbs.) | 173 | 220 | 191 | 226 | 273 | 277 |
| Ship Weight (lbs) | 184 | 240 | 207 | 237 | 288 | 292 |
| ENERGY STAR® CERTIFIED ^ | | | | | | |
| |  | NO |  |  | NO | NO |

^ Energy Star Notes

Proper sizing and installation of equipment is critical to achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov. The www.energystar.gov website provides up-to-date system combinations certified to meet ENERGY STAR® requirements.

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

² Reference TP-107* for additional application requirements

³ Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

⁴ 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.

| IDB | | 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 | AIRFLOW | MBh | 17.9 | 18.1 | 18.7 | - | 17.7 | 18.0 | 18.5 | - | 17.3 | 17.5 | 18.0 | - | 16.4 | 16.7 | 17.2 | - | 15.5 | 15.7 | 16.3 | - | 14.6 | 14.8 | 15.4 | - |
| | | S/T | 0.62 | 0.54 | 0.40 | - | 0.62 | 0.55 | 0.40 | - | 0.65 | 0.57 | 0.43 | - | 1.00 | 0.59 | 0.45 | - | 1.00 | 0.61 | 0.47 | - | 1.00 | 0.67 | 0.53 | - |
| | ΔT | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 18 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 20 | 18 | 15 | - | |
| | kW | 1.06 | 1.05 | 1.05 | - | 1.17 | 1.17 | 1.17 | - | 1.30 | 1.30 | 1.30 | - | 1.45 | 1.45 | 1.44 | - | 1.61 | 1.60 | 1.60 | - | 1.79 | 1.79 | 1.79 | - | |
| | 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 | - | 7.4 | 7.4 | 7.4 | - | |
| | HI PR | 244 | 245 | 247 | - | 283 | 284 | 286 | - | 323 | 325 | 326 | - | 367 | 368 | 370 | - | 414 | 415 | 417 | - | 464 | 465 | 467 | - | |
| | LO PR | 125 | 126 | 129 | - | 132 | 134 | 137 | - | 139 | 141 | 144 | - | 145 | 146 | 149 | - | 150 | 152 | 155 | - | 157 | 159 | 162 | - | |
| | MBh | 18.1 | 18.4 | 18.9 | - | 18.0 | 18.2 | 18.8 | - | 17.5 | 17.8 | 18.3 | - | 16.7 | 17.0 | 17.5 | - | 15.7 | 16.0 | 16.5 | - | 14.8 | 15.1 | 15.6 | - | |
| | | S/T | 0.69 | 0.61 | 0.47 | - | 0.69 | 0.62 | 0.48 | - | 0.72 | 0.64 | 0.50 | - | 1.00 | 0.66 | 0.52 | - | 1.00 | 0.69 | 0.54 | - | 1.00 | 0.74 | 0.60 | - |
| | ΔT | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 19 | 17 | 14 | - | |
| kW | 1.06 | 1.06 | 1.06 | - | 1.18 | 1.18 | 1.18 | - | 1.31 | 1.31 | 1.31 | - | 1.45 | 1.45 | 1.45 | - | 1.61 | 1.61 | 1.61 | - | 1.80 | 1.80 | 1.80 | - | | |
| 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 | - | 6.6 | 6.6 | 6.5 | - | 7.4 | 7.4 | 7.4 | - | | |
| HI PR | 247 | 248 | 250 | - | 285 | 286 | 288 | - | 326 | 327 | 329 | - | 369 | 370 | 372 | - | 416 | 417 | 419 | - | 466 | 468 | 469 | - | | |
| LO PR | 127 | 128 | 131 | - | 134 | 136 | 139 | - | 141 | 143 | 146 | - | 147 | 148 | 151 | - | 152 | 154 | 157 | - | 159 | 161 | 164 | - | | |
| MBh | 18.4 | 18.6 | 19.2 | - | 18.2 | 18.5 | 19.0 | - | 17.8 | 18.0 | 18.5 | - | 16.9 | 17.2 | 17.7 | - | 16.0 | 16.2 | 16.8 | - | 15.1 | 15.3 | 15.9 | - | | |
| | S/T | 0.72 | 0.64 | 0.50 | - | 0.73 | 0.65 | 0.51 | - | 0.75 | 0.67 | 0.53 | - | 1.00 | 0.69 | 0.55 | - | 1.00 | 0.72 | 0.58 | - | 1.00 | 0.77 | 0.63 | - | |
| ΔT | 17 | 16 | 12 | - | 17 | 15 | 12 | - | 17 | 16 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 18 | 16 | 13 | - | | |
| kW | 1.07 | 1.07 | 1.06 | - | 1.18 | 1.18 | 1.18 | - | 1.32 | 1.31 | 1.31 | - | 1.46 | 1.46 | 1.46 | - | 1.62 | 1.62 | 1.61 | - | 1.80 | 1.80 | 1.80 | - | | |
| 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 | 6.6 | 6.6 | - | 7.4 | 7.4 | 7.4 | - | | |
| HI PR | 248 | 250 | 251 | - | 287 | 288 | 290 | - | 328 | 329 | 330 | - | 371 | 372 | 374 | - | 418 | 419 | 421 | - | 468 | 469 | 471 | - | | |
| LO PR | 128 | 130 | 133 | - | 136 | 138 | 141 | - | 143 | 144 | 147 | - | 148 | 150 | 153 | - | 154 | 155 | 159 | - | 161 | 162 | 166 | - | | |
| 75 | AIRFLOW | MBh | 17.9 | 18.1 | 18.7 | 19.5 | 17.7 | 18.0 | 18.5 | 19.3 | 17.3 | 17.5 | 18.1 | 18.9 | 16.5 | 16.7 | 17.2 | 18.1 | 15.5 | 15.7 | 16.3 | 17.1 | 14.6 | 14.8 | 15.4 | 16.2 |
| | | S/T | 0.75 | 0.67 | 0.53 | 0.38 | 0.76 | 0.68 | 0.54 | 0.39 | 1.00 | 0.70 | 0.56 | 0.42 | 1.00 | 0.72 | 0.58 | 0.44 | 1.00 | 0.75 | 0.61 | 0.46 | 1.00 | 1.00 | 0.66 | 0.51 |
| | ΔT | 23 | 21 | 18 | 15 | 23 | 21 | 18 | 15 | 23 | 22 | 18 | 15 | 23 | 21 | 18 | 15 | 23 | 21 | 18 | 14 | 24 | 22 | 19 | 15 | |
| | kW | 1.05 | 1.05 | 1.05 | 1.06 | 1.17 | 1.17 | 1.17 | 1.18 | 1.30 | 1.30 | 1.30 | 1.31 | 1.45 | 1.45 | 1.44 | 1.45 | 1.61 | 1.60 | 1.60 | 1.61 | 1.79 | 1.79 | 1.79 | 1.80 | |
| | 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 | 7.4 | 7.4 | |
| | HI PR | 245 | 246 | 247 | 252 | 283 | 284 | 286 | 290 | 324 | 325 | 326 | 331 | 367 | 368 | 370 | 374 | 414 | 415 | 417 | 421 | 464 | 465 | 467 | 471 | |
| | LO PR | 125 | 126 | 129 | 135 | 132 | 134 | 137 | 142 | 139 | 141 | 144 | 149 | 145 | 146 | 149 | 155 | 150 | 152 | 155 | 160 | 157 | 159 | 162 | 167 | |
| | MBh | 18.2 | 18.4 | 18.9 | 19.8 | 18.0 | 18.2 | 18.8 | 19.6 | 17.5 | 17.8 | 18.3 | 19.1 | 16.7 | 17.0 | 17.5 | 18.3 | 15.7 | 16.0 | 16.5 | 17.3 | 14.8 | 15.1 | 15.6 | 16.4 | |
| | | S/T | 0.82 | 0.74 | 0.60 | 0.46 | 1.00 | 0.75 | 0.61 | 0.46 | 1.00 | 0.78 | 0.64 | 0.49 | 1.00 | 0.80 | 0.66 | 0.51 | 1.00 | 0.82 | 0.68 | 0.53 | 1.00 | 1.00 | 0.73 | 0.58 |
| | ΔT | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 14 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 23 | 21 | 18 | 14 | |
| kW | 1.06 | 1.06 | 1.06 | 1.07 | 1.18 | 1.18 | 1.18 | 1.19 | 1.31 | 1.31 | 1.31 | 1.32 | 1.45 | 1.45 | 1.45 | 1.46 | 1.61 | 1.61 | 1.61 | 1.62 | 1.80 | 1.80 | 1.80 | 1.80 | | |
| 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 | 6.6 | 6.5 | 6.5 | 6.6 | 7.4 | 7.4 | 7.4 | 7.4 | | |
| HI PR | 247 | 248 | 250 | 254 | 286 | 287 | 288 | 293 | 326 | 327 | 329 | 333 | 370 | 371 | 372 | 377 | 417 | 418 | 419 | 424 | 467 | 468 | 469 | 474 | | |
| LO PR | 127 | 128 | 132 | 137 | 134 | 136 | 139 | 144 | 141 | 143 | 146 | 151 | 147 | 148 | 151 | 157 | 152 | 154 | 157 | 162 | 159 | 161 | 164 | 169 | | |
| MBh | 18.4 | 18.6 | 19.2 | 20.0 | 18.2 | 18.5 | 19.0 | 19.8 | 17.8 | 18.0 | 18.5 | 19.4 | 17.0 | 17.2 | 17.7 | 18.6 | 16.0 | 16.2 | 16.8 | 17.6 | 15.1 | 15.3 | 15.9 | 16.7 | | |
| | S/T | 0.85 | 0.77 | 0.63 | 0.49 | 1.00 | 0.78 | 0.64 | 0.49 | 1.00 | 0.81 | 0.67 | 0.52 | 1.00 | 0.83 | 0.69 | 0.54 | 1.00 | 1.00 | 0.71 | 0.56 | 1.00 | 1.00 | 0.76 | 0.62 | |
| ΔT | 21 | 19 | 16 | 13 | 21 | 19 | 16 | 13 | 21 | 20 | 16 | 13 | 21 | 19 | 16 | 13 | 21 | 19 | 16 | 12 | 22 | 20 | 17 | 13 | | |
| kW | 1.07 | 1.06 | 1.06 | 1.07 | 1.18 | 1.18 | 1.18 | 1.19 | 1.32 | 1.31 | 1.31 | 1.32 | 1.46 | 1.46 | 1.45 | 1.46 | 1.62 | 1.62 | 1.61 | 1.62 | 1.80 | 1.80 | 1.80 | 1.81 | | |
| Amps | 4.1 | 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 | 6.6 | 6.6 | 6.6 | 6.6 | 7.4 | 7.4 | 7.4 | 7.5 | | |
| HI PR | 249 | 250 | 251 | 256 | 287 | 288 | 290 | 294 | 328 | 329 | 331 | 335 | 371 | 372 | 374 | 378 | 418 | 419 | 421 | 425 | 468 | 469 | 471 | 475 | | |
| LO PR | 129 | 130 | 133 | 139 | 136 | 138 | 141 | 146 | 143 | 144 | 147 | 153 | 148 | 150 | 153 | 158 | 154 | 155 | 159 | 164 | 161 | 162 | 166 | 171 | | |

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 — GSZ140181K* + ARUF25B14** + TXV (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 | 525 | 18.0 | 18.2 | 18.8 | 19.6 | 17.8 | 18.1 | 18.6 | 19.4 | 17.4 | 17.6 | 18.1 | 19.0 | 16.6 | 16.8 | 17.3 | 18.2 | 15.6 | 15.8 | 16.4 | 17.2 | 14.7 | 14.9 | 15.5 | 16.3 |
| | | 1.00 | 0.80 | 0.66 | 0.51 | 1.00 | 0.81 | 0.67 | 0.52 | 1.00 | 0.83 | 0.69 | 0.55 | 1.00 | 1.00 | 0.71 | 0.57 | 1.00 | 1.00 | 0.74 | 0.59 | 1.00 | 1.00 | 0.79 | 0.64 |
| | | 27 | 25 | 22 | 19 | 27 | 25 | 22 | 19 | 27 | 25 | 22 | 19 | 27 | 25 | 22 | 19 | 27 | 25 | 22 | 18 | 28 | 26 | 23 | 19 |
| | | 1.06 | 1.05 | 1.05 | 1.06 | 1.17 | 1.17 | 1.17 | 1.18 | 1.30 | 1.30 | 1.30 | 1.31 | 1.45 | 1.45 | 1.44 | 1.45 | 1.61 | 1.60 | 1.60 | 1.61 | 1.79 | 1.79 | 1.79 | 1.80 |
| | | 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 | 6.6 | 7.4 | 7.4 | 7.4 | 7.4 |
| | | 245 | 246 | 248 | 252 | 284 | 285 | 286 | 291 | 324 | 325 | 327 | 331 | 368 | 369 | 370 | 375 | 415 | 416 | 417 | 422 | 465 | 466 | 468 | 472 |
| | | 125 | 127 | 130 | 135 | 133 | 134 | 138 | 143 | 140 | 141 | 144 | 150 | 145 | 147 | 150 | 155 | 151 | 152 | 155 | 161 | 158 | 159 | 162 | 168 |
| | | 18.2 | 18.5 | 19.0 | 19.8 | 18.1 | 18.3 | 18.9 | 19.7 | 17.6 | 17.9 | 18.4 | 19.2 | 16.8 | 17.1 | 17.6 | 18.4 | 15.8 | 16.1 | 16.6 | 17.4 | 14.9 | 15.2 | 15.7 | 16.5 |
| | | 1.00 | 0.87 | 0.73 | 0.59 | 1.00 | 0.88 | 0.74 | 0.59 | 1.00 | 0.91 | 0.77 | 0.62 | 1.00 | 1.00 | 0.79 | 0.64 | 1.00 | 1.00 | 0.81 | 0.66 | 1.00 | 1.00 | 0.86 | 0.71 |
| | | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 18 | 26 | 24 | 21 | 17 | 26 | 24 | 20 | 17 | 27 | 25 | 22 | 18 |
| | 1.06 | 1.06 | 1.06 | 1.07 | 1.18 | 1.18 | 1.18 | 1.19 | 1.31 | 1.31 | 1.31 | 1.32 | 1.45 | 1.45 | 1.45 | 1.46 | 1.61 | 1.61 | 1.61 | 1.62 | 1.80 | 1.80 | 1.80 | 1.81 | |
| | 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 | 6.6 | 6.6 | 6.6 | 6.6 | 7.4 | 7.4 | 7.4 | 7.4 | |
| | 247 | 248 | 250 | 254 | 286 | 287 | 289 | 293 | 326 | 328 | 329 | 334 | 370 | 371 | 373 | 377 | 417 | 418 | 420 | 424 | 467 | 468 | 470 | 474 | |
| | 127 | 129 | 132 | 137 | 135 | 136 | 140 | 145 | 142 | 143 | 146 | 152 | 147 | 149 | 152 | 159 | 153 | 154 | 157 | 163 | 160 | 161 | 164 | 170 | |
| | 18.5 | 18.7 | 19.3 | 20.1 | 18.3 | 18.6 | 19.1 | 19.9 | 17.9 | 18.1 | 18.6 | 19.5 | 17.0 | 17.3 | 17.8 | 18.7 | 16.1 | 16.3 | 16.9 | 17.7 | 15.2 | 15.4 | 16.0 | 16.8 | |
| | 1.00 | 0.90 | 0.76 | 0.62 | 1.00 | 0.91 | 0.77 | 0.62 | 1.00 | 0.94 | 0.80 | 0.65 | 1.00 | 1.00 | 0.82 | 0.67 | 1.00 | 1.00 | 0.84 | 0.69 | 1.00 | 1.00 | 0.89 | 0.74 | |
| | 25 | 23 | 20 | 17 | 25 | 23 | 20 | 17 | 25 | 24 | 20 | 17 | 25 | 23 | 20 | 17 | 25 | 23 | 20 | 16 | 26 | 24 | 21 | 17 | |
| | 1.07 | 1.07 | 1.06 | 1.07 | 1.18 | 1.18 | 1.18 | 1.19 | 1.32 | 1.31 | 1.31 | 1.32 | 1.46 | 1.46 | 1.46 | 1.46 | 1.62 | 1.62 | 1.61 | 1.62 | 1.80 | 1.80 | 1.80 | 1.81 | |
| | 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 | 6.6 | 6.6 | 6.6 | 7.4 | 7.4 | 7.4 | 7.5 | |
| | 249 | 250 | 252 | 256 | 288 | 289 | 291 | 295 | 328 | 329 | 331 | 335 | 372 | 373 | 375 | 379 | 419 | 420 | 422 | 426 | 469 | 470 | 472 | 476 | |
| | 129 | 131 | 134 | 139 | 137 | 138 | 141 | 147 | 143 | 145 | 148 | 153 | 149 | 150 | 154 | 159 | 154 | 156 | 159 | 165 | 161 | 163 | 166 | 171 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85 | 525 | 18.3 | 18.5 | 19.1 | 19.9 | 18.1 | 18.4 | 18.9 | 19.7 | 17.7 | 17.9 | 18.4 | 19.3 | 16.9 | 17.1 | 17.6 | 18.5 | 15.9 | 16.1 | 16.7 | 17.5 | 15.0 | 15.2 | 15.8 | 16.6 |
| | | 1.00 | 0.91 | 0.77 | 0.62 | 1.00 | 1.00 | 0.77 | 0.63 | 1.00 | 1.00 | 0.80 | 0.65 | 1.00 | 1.00 | 0.82 | 0.67 | 1.00 | 1.00 | 0.84 | 0.69 | 1.00 | 1.00 | 1.00 | 0.75 |
| | | 31 | 29 | 25 | 22 | 30 | 29 | 25 | 22 | 31 | 29 | 26 | 22 | 30 | 29 | 25 | 22 | 30 | 28 | 25 | 22 | 31 | 30 | 26 | 23 |
| | | 1.06 | 1.06 | 1.05 | 1.06 | 1.18 | 1.17 | 1.17 | 1.18 | 1.31 | 1.31 | 1.30 | 1.31 | 1.45 | 1.45 | 1.45 | 1.45 | 1.61 | 1.61 | 1.60 | 1.61 | 1.79 | 1.79 | 1.79 | 1.80 |
| | | 4.0 | 4.0 | 4.0 | 4.0 | 4.6 | 4.6 | 4.5 | 4.6 | 5.2 | 5.2 | 5.1 | 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 |
| | | 246 | 247 | 249 | 253 | 285 | 286 | 288 | 292 | 325 | 326 | 328 | 332 | 369 | 370 | 372 | 376 | 416 | 417 | 419 | 423 | 466 | 467 | 469 | 473 |
| | | 127 | 129 | 132 | 137 | 135 | 136 | 140 | 145 | 141 | 143 | 146 | 151 | 147 | 149 | 152 | 157 | 153 | 154 | 157 | 163 | 160 | 161 | 164 | 170 |
| | | 18.5 | 18.8 | 19.3 | 20.2 | 18.4 | 18.6 | 19.2 | 20.0 | 17.9 | 18.2 | 18.7 | 19.5 | 17.1 | 17.4 | 17.9 | 18.7 | 16.1 | 16.4 | 16.9 | 17.7 | 15.2 | 15.5 | 16.0 | 16.8 |
| | | 1.00 | 0.98 | 0.84 | 0.69 | 1.00 | 1.00 | 0.84 | 0.70 | 1.00 | 1.00 | 0.87 | 0.72 | 1.00 | 1.00 | 0.89 | 0.74 | 1.00 | 1.00 | 1.00 | 0.77 | 1.00 | 1.00 | 1.00 | 0.82 |
| | | 29 | 28 | 24 | 21 | 29 | 28 | 24 | 21 | 30 | 28 | 24 | 21 | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 21 | 30 | 28 | 25 | 22 |
| | 1.06 | 1.06 | 1.06 | 1.07 | 1.18 | 1.18 | 1.18 | 1.19 | 1.31 | 1.31 | 1.31 | 1.32 | 1.46 | 1.45 | 1.45 | 1.46 | 1.61 | 1.61 | 1.61 | 1.62 | 1.80 | 1.80 | 1.80 | 1.81 | |
| | 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 | 6.6 | 6.6 | 6.6 | 6.6 | 7.4 | 7.4 | 7.4 | 7.4 | |
| | 249 | 250 | 251 | 256 | 287 | 288 | 290 | 294 | 328 | 329 | 330 | 335 | 371 | 372 | 374 | 378 | 418 | 419 | 421 | 425 | 468 | 469 | 471 | 475 | |
| | 129 | 131 | 134 | 139 | 137 | 138 | 142 | 147 | 143 | 145 | 148 | 154 | 149 | 151 | 154 | 159 | 155 | 156 | 159 | 165 | 162 | 163 | 166 | 172 | |
| | 18.8 | 19.0 | 19.6 | 20.4 | 18.6 | 18.9 | 19.4 | 20.2 | 18.2 | 18.4 | 18.9 | 19.8 | 17.4 | 17.6 | 18.1 | 19.0 | 16.4 | 16.6 | 17.2 | 18.0 | 15.5 | 15.7 | 16.3 | 17.1 | |
| | 1.00 | 1.00 | 0.87 | 0.72 | 1.00 | 1.00 | 0.88 | 0.73 | 1.00 | 1.00 | 0.90 | 0.75 | 1.00 | 1.00 | 0.92 | 0.77 | 1.00 | 1.00 | 1.00 | 0.80 | 1.00 | 1.00 | 1.00 | 0.85 | |
| | 29 | 27 | 23 | 20 | 29 | 27 | 23 | 20 | 29 | 27 | 24 | 20 | 28 | 27 | 23 | 20 | 28 | 26 | 23 | 20 | 29 | 28 | 24 | 21 | |
| | 1.07 | 1.07 | 1.07 | 1.07 | 1.19 | 1.19 | 1.18 | 1.19 | 1.32 | 1.32 | 1.32 | 1.32 | 1.46 | 1.46 | 1.46 | 1.47 | 1.62 | 1.62 | 1.62 | 1.63 | 1.81 | 1.80 | 1.80 | 1.81 | |
| | 4.1 | 4.1 | 4.1 | 4.1 | 4.6 | 4.6 | 4.6 | 4.6 | 5.2 | 5.2 | 5.2 | 5.2 | 5.9 | 5.9 | 5.8 | 5.9 | 6.6 | 6.6 | 6.6 | 6.6 | 7.4 | 7.4 | 7.4 | 7.5 | |
| | 250 | 251 | 253 | 257 | 289 | 290 | 292 | 296 | 329 | 330 | 332 | 336 | 373 | 374 | 376 | 380 | 420 | 421 | 423 | 427 | 470 | 471 | 473 | 477 | |
| | 131 | 132 | 136 | 141 | 139 | 140 | 143 | 149 | 145 | 147 | 150 | 155 | 151 | 152 | 156 | 161 | 156 | 158 | 161 | 166 | 163 | 165 | 168 | 173 | |

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)

| IDB | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | 115°F | | | | | | | | | | | | | | | | | | | | |
|---------|------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|----|------|------|------|---|
| | | 65°F | | | | | | 75°F | | | | | | 85°F | | | | | | 95°F | | | | | | 105°F | | | | | | | | |
| | | 59 | | 63 | | 67 | | 71 | | 59 | | 63 | | 67 | | 71 | | 59 | | 63 | | 67 | | 71 | | 59 | | 63 | | 67 | | 71 | | |
| AIRFLOW | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | |
| 70 | 525 | MBh | 17.6 | 17.8 | 18.4 | - | 17.4 | 17.7 | 18.2 | - | 17.0 | 17.2 | 17.8 | - | 16.2 | 16.4 | 17.0 | - | 15.2 | 15.5 | 16.0 | - | 14.3 | 14.6 | 15.1 | - | 14.3 | 14.6 | 15.1 | - | 14.3 | 14.6 | 15.1 | - |
| | | S/T | 0.59 | 0.51 | 0.37 | - | 0.60 | 0.52 | 0.38 | - | 0.63 | 0.54 | 0.40 | - | 1.00 | 0.57 | 0.42 | - | 1.00 | 0.59 | 0.45 | - | 1.00 | 0.64 | 0.50 | - | 1.00 | 0.59 | 0.45 | - | 1.00 | 0.64 | 0.50 | - |
| | | ΔT | 57 | 52 | 42 | - | 57 | 52 | 42 | - | 58 | 52 | 43 | - | 57 | 52 | 42 | - | 56 | 51 | 42 | - | 56 | 51 | 42 | - | 56 | 51 | 42 | - | 56 | 51 | 42 | - |
| | | KW | 1.04 | 1.04 | 1.04 | - | 1.16 | 1.16 | 1.15 | - | 1.28 | 1.28 | 1.28 | - | 1.42 | 1.42 | 1.42 | - | 1.58 | 1.57 | 1.57 | - | 1.76 | 1.75 | 1.75 | - | 1.76 | 1.75 | 1.75 | - | 1.76 | 1.75 | 1.75 | - |
| | | Amps | 3.9 | 3.9 | 3.9 | - | 4.5 | 4.5 | 4.5 | - | 5.0 | 5.0 | 5.0 | - | 5.7 | 5.7 | 5.7 | - | 6.4 | 6.4 | 6.4 | - | 7.2 | 7.2 | 7.2 | - | 7.2 | 7.2 | 7.2 | - | 7.2 | 7.2 | 7.2 | - |
| | | HI PR | 237 | 238 | 239 | - | 274 | 275 | 277 | - | 313 | 314 | 316 | - | 356 | 357 | 358 | - | 401 | 402 | 404 | - | 450 | 451 | 453 | - | 450 | 451 | 453 | - | 450 | 451 | 453 | - |
| | | LO PR | 126 | 128 | 131 | - | 134 | 135 | 139 | - | 141 | 142 | 145 | - | 146 | 148 | 151 | - | 152 | 154 | 157 | - | 159 | 161 | 164 | - | 159 | 161 | 164 | - | 159 | 161 | 164 | - |
| | | MBh | 17.8 | 18.0 | 18.6 | - | 17.6 | 17.9 | 18.4 | - | 17.2 | 17.4 | 17.9 | - | 16.4 | 16.6 | 17.1 | - | 15.4 | 15.6 | 16.2 | - | 14.5 | 14.8 | 15.3 | - | 14.5 | 14.8 | 15.3 | - | 14.5 | 14.8 | 15.3 | - |
| | | S/T | 0.67 | 0.59 | 0.44 | - | 0.67 | 0.59 | 0.45 | - | 0.70 | 0.62 | 0.48 | - | 1.00 | 0.64 | 0.50 | - | 1.00 | 0.66 | 0.52 | - | 1.00 | 0.72 | 0.58 | - | 1.00 | 0.72 | 0.58 | - | 1.00 | 0.72 | 0.58 | - |
| | | ΔT | 54 | 49 | 39 | - | 54 | 49 | 39 | - | 54 | 49 | 40 | - | 54 | 49 | 39 | - | 53 | 48 | 38 | - | 56 | 51 | 42 | - | 56 | 51 | 42 | - | 56 | 51 | 42 | - |
| 75 | 525 | MBh | 17.9 | 18.2 | 18.7 | - | 17.8 | 18.0 | 18.6 | - | 17.3 | 17.6 | 18.1 | - | 16.5 | 16.8 | 17.3 | - | 15.5 | 15.8 | 16.3 | - | 14.7 | 14.9 | 15.4 | - | 14.7 | 14.9 | 15.4 | - | 14.7 | 14.9 | 15.4 | - |
| | | S/T | 0.70 | 0.62 | 0.48 | - | 0.71 | 0.63 | 0.49 | - | 1.00 | 0.66 | 0.51 | - | 1.00 | 0.68 | 0.53 | - | 1.00 | 0.70 | 0.56 | - | 1.00 | 0.75 | 0.61 | - | 1.00 | 0.75 | 0.61 | - | | | | |
| | | ΔT | 52 | 47 | 37 | - | 52 | 47 | 37 | - | 53 | 47 | 38 | - | 52 | 47 | 37 | - | 51 | 46 | 36 | - | 54 | 49 | 40 | - | 54 | 49 | 40 | - | | | | |
| | | KW | 1.05 | 1.05 | 1.05 | - | 1.17 | 1.17 | 1.16 | - | 1.29 | 1.29 | 1.29 | - | 1.43 | 1.43 | 1.43 | - | 1.58 | 1.58 | 1.58 | - | 1.77 | 1.76 | 1.76 | - | 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 | - | 5.7 | 5.7 | 5.7 | - | 6.4 | 6.4 | 6.4 | - | 7.2 | 7.2 | 7.2 | - | 7.2 | 7.2 | 7.2 | - | | | | |
| | | HI PR | 240 | 241 | 242 | - | 277 | 278 | 280 | - | 317 | 318 | 319 | - | 359 | 360 | 362 | - | 405 | 406 | 407 | - | 453 | 454 | 456 | - | 453 | 454 | 456 | - | | | | |
| | | LO PR | 129 | 131 | 134 | - | 137 | 138 | 142 | - | 143 | 145 | 148 | - | 149 | 151 | 154 | - | 155 | 156 | 160 | - | 162 | 163 | 167 | - | 162 | 163 | 167 | - | | | | |
| | | MBh | 17.6 | 17.9 | 18.4 | 19.2 | 17.4 | 17.7 | 18.2 | 19.0 | 17.0 | 17.2 | 17.8 | 18.6 | 16.2 | 16.4 | 17.0 | 17.8 | 15.2 | 15.5 | 16.0 | 16.8 | 14.3 | 14.6 | 15.1 | 15.9 | | | | | | | | |
| | | S/T | 0.73 | 0.65 | 0.50 | 0.40 | 1.00 | 0.65 | 0.51 | 0.40 | 1.00 | 0.68 | 0.54 | 0.40 | 1.00 | 0.70 | 0.56 | 0.40 | 1.00 | 0.72 | 0.58 | 0.40 | 1.00 | 1.00 | 0.64 | 0.50 | | | | | | | | |
| | | ΔT | 68 | 63 | 54 | 44 | 68 | 63 | 53 | 44 | 69 | 64 | 54 | 44 | 68 | 63 | 53 | 44 | 67 | 62 | 53 | 43 | 71 | 65 | 56 | 46 | | | | | | | | |
| KW | 1.04 | 1.04 | 1.04 | 1.00 | 1.16 | 1.16 | 1.15 | 1.20 | 1.28 | 1.28 | 1.28 | 1.30 | 1.42 | 1.42 | 1.42 | 1.40 | 1.57 | 1.57 | 1.57 | 1.60 | 1.75 | 1.75 | 1.75 | 1.80 | | | | | | | | | | |
| Amps | 3.9 | 3.9 | 3.9 | 4.0 | 4.5 | 4.5 | 4.4 | 4.5 | 5.0 | 5.0 | 5.0 | 5.1 | 5.7 | 5.7 | 5.7 | 5.7 | 6.4 | 6.4 | 6.4 | 6.4 | 7.2 | 7.2 | 7.2 | 7.2 | | | | | | | | | | |
| HI PR | 237 | 238 | 239 | 244 | 274 | 275 | 277 | 281 | 314 | 315 | 316 | 320 | 356 | 357 | 359 | 363 | 402 | 403 | 404 | 408 | 450 | 451 | 453 | 457 | | | | | | | | | | |
| LO PR | 126 | 128 | 131 | 136 | 134 | 135 | 139 | 144 | 141 | 142 | 145 | 151 | 146 | 148 | 151 | 157 | 152 | 154 | 157 | 162 | 159 | 161 | 164 | 169 | | | | | | | | | | |
| 75 | 610 | MBh | 17.8 | 18.0 | 18.6 | 19.4 | 17.6 | 17.9 | 18.4 | 19.2 | 17.2 | 17.4 | 18.0 | 18.8 | 16.4 | 16.6 | 17.2 | 18.0 | 15.4 | 15.7 | 16.2 | 17.0 | 14.5 | 14.8 | 15.3 | 16.1 | | | | | | | | |
| | | S/T | 0.80 | 0.72 | 0.58 | 0.40 | 1.00 | 0.73 | 0.59 | 0.40 | 1.00 | 0.76 | 0.61 | 0.50 | 1.00 | 0.78 | 0.63 | 0.50 | 1.00 | 1.00 | 0.66 | 0.50 | 1.00 | 1.00 | 0.71 | 0.60 | | | | | | | | |
| | | ΔT | 65 | 60 | 50 | 41 | 65 | 60 | 50 | 40 | 66 | 60 | 51 | 41 | 65 | 60 | 50 | 40 | 64 | 59 | 50 | 40 | 67 | 62 | 53 | 43 | | | | | | | | |
| | | KW | 1.05 | 1.05 | 1.05 | 1.10 | 1.16 | 1.16 | 1.16 | 1.20 | 1.29 | 1.29 | 1.29 | 1.30 | 1.43 | 1.43 | 1.42 | 1.40 | 1.58 | 1.58 | 1.58 | 1.60 | 1.76 | 1.76 | 1.76 | 1.80 | | | | | | | | |
| | | Amps | 4.0 | 4.0 | 4.0 | 4.0 | 4.5 | 4.5 | 4.5 | 4.5 | 5.1 | 5.1 | 5.1 | 5.1 | 5.7 | 5.7 | 5.7 | 5.7 | 6.4 | 6.4 | 6.4 | 6.4 | 7.2 | 7.2 | 7.2 | 7.2 | | | | | | | | |
| | | HI PR | 239 | 240 | 241 | 246 | 276 | 277 | 279 | 283 | 316 | 317 | 318 | 322 | 358 | 359 | 361 | 365 | 404 | 405 | 406 | 410 | 452 | 453 | 455 | 459 | | | | | | | | |
| | | LO PR | 128 | 129 | 133 | 138 | 136 | 137 | 140 | 146 | 142 | 144 | 147 | 153 | 148 | 150 | 153 | 158 | 154 | 155 | 158 | 164 | 161 | 162 | 166 | 171 | | | | | | | | |
| | | MBh | 17.9 | 18.2 | 18.7 | 19.5 | 17.8 | 18.0 | 18.6 | 19.4 | 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 | 14.9 | 15.4 | 16.3 | | | | | | | | |
| | | S/T | 0.84 | 0.76 | 0.62 | 0.50 | 1.00 | 0.77 | 0.62 | 0.50 | 1.00 | 0.79 | 0.65 | 0.50 | 1.00 | 0.81 | 0.67 | 0.50 | 1.00 | 1.00 | 0.69 | 0.50 | 1.00 | 1.00 | 0.75 | 0.60 | | | | | | | | |
| | | ΔT | 63 | 58 | 49 | 39 | 63 | 58 | 48 | 39 | 64 | 59 | 49 | 39 | 63 | 58 | 48 | 39 | 62 | 57 | 48 | 38 | 65 | 60 | 51 | 41 | | | | | | | | |
| KW | 1.05 | 1.05 | 1.05 | 1.10 | 1.17 | 1.17 | 1.16 | 1.20 | 1.29 | 1.29 | 1.29 | 1.30 | 1.43 | 1.43 | 1.43 | 1.40 | 1.58 | 1.58 | 1.58 | 1.60 | 1.76 | 1.76 | 1.76 | 1.80 | | | | | | | | | | |
| Amps | 4.0 | 4.0 | 4.0 | 4.0 | 4.5 | 4.5 | 4.5 | 4.5 | 5.1 | 5.1 | 5.1 | 5.1 | 5.7 | 5.7 | 5.7 | 5.7 | 6.4 | 6.4 | 6.4 | 6.4 | 7.2 | 7.2 | 7.2 | 7.3 | | | | | | | | | | |
| HI PR | 240 | 241 | 243 | 247 | 277 | 279 | 280 | 284 | 317 | 318 | 319 | 324 | 359 | 360 | 362 | 366 | 405 | 406 | 407 | 412 | 453 | 454 | 456 | 460 | | | | | | | | | | |
| LO PR | 129 | 131 | 134 | 139 | 137 | 138 | 142 | 147 | 144 | 145 | 148 | 154 | 149 | 151 | 154 | 159 | 155 | 156 | 160 | 165 | 162 | 163 | 167 | 172 | | | | | | | | | | |

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 — GSZ140181L* + ARUF25B14** + TXV (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 | 17.7 | 17.9 | 18.5 | 19.3 | 17.5 | 17.8 | 18.3 | 19.1 | 17.1 | 17.3 | 17.9 | 18.7 | 16.3 | 16.5 | 17.1 | 17.9 | 15.3 | 15.6 | 16.1 | 16.9 | 14.4 | 14.7 | 15.2 | 16.0 |
| | S/T | 1.00 | 0.78 | 0.64 | 0.50 | 1.00 | 0.79 | 0.64 | 0.50 | 1.00 | 0.81 | 0.67 | 0.50 | 1.00 | 1.00 | 0.69 | 0.50 | 1.00 | 1.00 | 0.71 | 0.60 | 1.00 | 1.00 | 0.77 | 0.60 |
| | ΔT | 79 | 74 | 65 | 55 | 79 | 74 | 65 | 55 | 80 | 75 | 65 | 56 | 79 | 74 | 65 | 55 | 79 | 73 | 64 | 54 | 82 | 77 | 67 | 57 |
| | kW | 1.04 | 1.04 | 1.04 | 1.00 | 1.16 | 1.16 | 1.15 | 1.20 | 1.28 | 1.28 | 1.28 | 1.30 | 1.42 | 1.42 | 1.42 | 1.40 | 1.58 | 1.57 | 1.57 | 1.60 | 1.76 | 1.75 | 1.75 | 1.80 |
| | Amps | 3.9 | 3.9 | 3.9 | 4.0 | 4.5 | 4.5 | 4.4 | 4.5 | 5.0 | 5.0 | 5.0 | 5.1 | 5.7 | 5.7 | 5.7 | 5.7 | 6.4 | 6.4 | 6.4 | 6.4 | 7.2 | 7.2 | 7.2 | 7.2 |
| | Hi PR | 237 | 238 | 240 | 244 | 275 | 276 | 277 | 282 | 314 | 315 | 317 | 321 | 356 | 357 | 359 | 363 | 402 | 403 | 405 | 409 | 451 | 452 | 453 | 458 |
| Lo PR | 127 | 128 | 132 | 137 | 134 | 136 | 139 | 145 | 141 | 143 | 146 | 152 | 147 | 149 | 152 | 157 | 153 | 154 | 157 | 163 | 160 | 161 | 164 | 170 | |
| 80 | MBh | 17.9 | 18.1 | 18.7 | 19.5 | 17.7 | 18.0 | 18.5 | 19.3 | 17.3 | 17.5 | 18.0 | 18.9 | 16.5 | 16.7 | 17.3 | 18.1 | 15.5 | 15.8 | 16.3 | 17.1 | 14.6 | 14.9 | 15.4 | 16.2 |
| | S/T | 1.00 | 0.86 | 0.71 | 0.60 | 1.00 | 0.86 | 0.72 | 0.60 | 1.00 | 0.89 | 0.75 | 0.60 | 1.00 | 1.00 | 0.77 | 0.60 | 1.00 | 1.00 | 0.79 | 0.60 | 1.00 | 1.00 | 0.84 | 0.70 |
| | ΔT | 76 | 71 | 62 | 52 | 76 | 71 | 62 | 52 | 77 | 72 | 62 | 52 | 76 | 71 | 61 | 52 | 75 | 70 | 61 | 51 | 79 | 73 | 64 | 54 |
| | kW | 1.05 | 1.05 | 1.05 | 1.10 | 1.16 | 1.16 | 1.16 | 1.20 | 1.29 | 1.29 | 1.29 | 1.30 | 1.43 | 1.43 | 1.42 | 1.40 | 1.58 | 1.58 | 1.58 | 1.60 | 1.76 | 1.76 | 1.76 | 1.80 |
| | Amps | 4.0 | 4.0 | 4.0 | 4.0 | 4.5 | 4.5 | 4.5 | 4.5 | 5.1 | 5.1 | 5.1 | 5.1 | 5.7 | 5.7 | 5.7 | 5.7 | 6.4 | 6.4 | 6.4 | 6.4 | 7.2 | 7.2 | 7.2 | 7.3 |
| | Hi PR | 239 | 240 | 242 | 246 | 277 | 278 | 279 | 284 | 316 | 317 | 319 | 323 | 358 | 359 | 361 | 365 | 404 | 405 | 407 | 411 | 453 | 454 | 455 | 460 |
| Lo PR | 128 | 130 | 133 | 139 | 136 | 138 | 141 | 146 | 143 | 144 | 148 | 153 | 149 | 150 | 153 | 159 | 154 | 156 | 159 | 165 | 161 | 163 | 166 | 172 | |
| 80 | MBh | 18.0 | 18.3 | 18.8 | 19.6 | 17.9 | 18.1 | 18.7 | 19.5 | 17.4 | 17.7 | 18.2 | 19.0 | 16.6 | 16.9 | 17.4 | 18.2 | 15.6 | 15.9 | 16.4 | 17.2 | 14.8 | 15.0 | 15.5 | 16.3 |
| | S/T | 1.00 | 0.89 | 0.75 | 0.60 | 1.00 | 0.90 | 0.75 | 0.60 | 1.00 | 1.00 | 0.78 | 0.60 | 1.00 | 1.00 | 0.80 | 0.70 | 1.00 | 1.00 | 0.83 | 0.70 | 1.00 | 1.00 | 1.00 | 0.70 |
| | ΔT | 74 | 69 | 60 | 50 | 74 | 69 | 60 | 50 | 75 | 70 | 60 | 51 | 74 | 69 | 60 | 50 | 74 | 68 | 59 | 49 | 77 | 72 | 62 | 52 |
| | kW | 1.05 | 1.05 | 1.05 | 1.10 | 1.17 | 1.17 | 1.16 | 1.20 | 1.29 | 1.29 | 1.29 | 1.30 | 1.43 | 1.43 | 1.43 | 1.40 | 1.58 | 1.58 | 1.58 | 1.60 | 1.77 | 1.76 | 1.76 | 1.80 |
| | Amps | 4.0 | 4.0 | 4.0 | 4.0 | 4.5 | 4.5 | 4.5 | 4.5 | 5.1 | 5.1 | 5.1 | 5.1 | 5.7 | 5.7 | 5.7 | 5.7 | 6.4 | 6.4 | 6.4 | 6.4 | 7.2 | 7.2 | 7.2 | 7.3 |
| | Hi PR | 240 | 241 | 243 | 247 | 278 | 279 | 281 | 285 | 317 | 318 | 320 | 324 | 360 | 361 | 362 | 366 | 405 | 406 | 408 | 412 | 454 | 455 | 457 | 461 |
| Lo PR | 130 | 131 | 134 | 140 | 137 | 139 | 142 | 148 | 144 | 146 | 149 | 154 | 150 | 151 | 155 | 160 | 155 | 157 | 160 | 166 | 162 | 164 | 167 | 173 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85 | MBh | 18.0 | 18.2 | 18.8 | 19.6 | 17.8 | 18.1 | 18.6 | 19.4 | 17.4 | 17.6 | 18.2 | 19.0 | 16.6 | 16.8 | 17.4 | 18.2 | 15.6 | 15.9 | 16.4 | 17.2 | 14.7 | 15.0 | 15.5 | 16.3 |
| | S/T | 1.00 | 0.89 | 0.74 | 0.60 | 1.00 | 1.00 | 0.75 | 0.60 | 1.00 | 1.00 | 0.78 | 0.60 | 1.00 | 1.00 | 0.80 | 0.60 | 1.00 | 1.00 | 0.70 | 0.70 | 1.00 | 1.00 | 1.00 | 0.70 |
| | ΔT | 89 | 84 | 75 | 65 | 89 | 84 | 75 | 65 | 90 | 85 | 75 | 66 | 89 | 84 | 75 | 65 | 89 | 83 | 74 | 64 | 92 | 87 | 77 | 67 |
| | kW | 1.05 | 1.04 | 1.04 | 1.10 | 1.16 | 1.16 | 1.16 | 1.20 | 1.29 | 1.29 | 1.28 | 1.30 | 1.42 | 1.42 | 1.42 | 1.40 | 1.58 | 1.58 | 1.57 | 1.60 | 1.76 | 1.76 | 1.75 | 1.80 |
| | Amps | 4.0 | 3.9 | 3.9 | 4.0 | 4.5 | 4.5 | 4.5 | 4.5 | 5.1 | 5.0 | 5.0 | 5.1 | 5.7 | 5.7 | 5.7 | 5.7 | 6.4 | 6.4 | 6.4 | 6.4 | 7.2 | 7.2 | 7.2 | 7.2 |
| | Hi PR | 228 | 239 | 241 | 245 | 276 | 277 | 279 | 283 | 315 | 316 | 318 | 322 | 357 | 359 | 360 | 364 | 403 | 404 | 406 | 410 | 452 | 453 | 455 | 459 |
| Lo PR | 139 | 130 | 133 | 139 | 136 | 138 | 141 | 147 | 143 | 145 | 148 | 153 | 149 | 150 | 154 | 159 | 154 | 156 | 159 | 165 | 162 | 163 | 166 | 172 | |
| 85 | MBh | 18.2 | 18.4 | 19.0 | 19.8 | 18.0 | 18.3 | 18.8 | 19.6 | 17.6 | 17.8 | 18.3 | 19.2 | 16.8 | 17.0 | 17.6 | 18.4 | 15.8 | 16.0 | 16.6 | 17.4 | 14.9 | 15.2 | 15.7 | 16.5 |
| | S/T | 1.00 | 0.96 | 0.82 | 0.70 | 1.00 | 1.00 | 0.83 | 0.70 | 1.00 | 1.00 | 0.85 | 0.70 | 1.00 | 1.00 | 0.87 | 0.70 | 1.00 | 1.00 | 0.70 | 0.70 | 1.00 | 1.00 | 1.00 | 0.80 |
| | ΔT | 86 | 81 | 72 | 62 | 86 | 81 | 71 | 62 | 87 | 82 | 72 | 62 | 86 | 81 | 71 | 62 | 85 | 80 | 71 | 61 | 89 | 83 | 74 | 64 |
| | kW | 1.05 | 1.05 | 1.05 | 1.10 | 1.17 | 1.16 | 1.16 | 1.20 | 1.29 | 1.29 | 1.29 | 1.30 | 1.43 | 1.43 | 1.43 | 1.40 | 1.58 | 1.58 | 1.58 | 1.60 | 1.76 | 1.76 | 1.76 | 1.80 |
| | Amps | 4.0 | 4.0 | 4.0 | 4.0 | 4.5 | 4.5 | 4.5 | 4.5 | 5.1 | 5.1 | 5.1 | 5.1 | 5.7 | 5.7 | 5.7 | 5.7 | 6.4 | 6.4 | 6.4 | 6.4 | 7.2 | 7.2 | 7.2 | 7.3 |
| | Hi PR | 240 | 241 | 243 | 247 | 278 | 279 | 281 | 285 | 317 | 318 | 320 | 324 | 359 | 360 | 362 | 366 | 405 | 406 | 408 | 412 | 454 | 455 | 456 | 461 |
| Lo PR | 130 | 132 | 135 | 141 | 138 | 140 | 143 | 148 | 145 | 146 | 150 | 155 | 151 | 152 | 155 | 161 | 156 | 158 | 161 | 166 | 163 | 165 | 168 | 173 | |
| 85 | MBh | 18.3 | 18.6 | 19.1 | 19.9 | 18.2 | 18.4 | 19.0 | 19.8 | 17.7 | 18.0 | 18.5 | 19.3 | 16.9 | 17.2 | 17.7 | 18.5 | 15.9 | 16.2 | 16.7 | 17.5 | 15.1 | 15.3 | 15.8 | 16.6 |
| | S/T | 1.00 | 1.00 | 0.86 | 0.70 | 1.00 | 1.00 | 0.86 | 0.70 | 1.00 | 1.00 | 0.89 | 0.70 | 1.00 | 1.00 | 0.91 | 0.80 | 1.00 | 1.00 | 0.80 | 0.80 | 1.00 | 1.00 | 1.00 | 0.80 |
| | ΔT | 84 | 79 | 70 | 60 | 84 | 79 | 70 | 60 | 85 | 80 | 70 | 61 | 84 | 79 | 70 | 60 | 84 | 78 | 69 | 59 | 87 | 82 | 72 | 62 |
| | kW | 1.05 | 1.05 | 1.05 | 1.10 | 1.17 | 1.17 | 1.17 | 1.20 | 1.30 | 1.29 | 1.29 | 1.30 | 1.43 | 1.43 | 1.43 | 1.40 | 1.59 | 1.59 | 1.58 | 1.60 | 1.77 | 1.77 | 1.76 | 1.80 |
| | Amps | 4.0 | 4.0 | 4.0 | 4.0 | 4.5 | 4.5 | 4.5 | 4.5 | 5.1 | 5.1 | 5.1 | 5.1 | 5.7 | 5.7 | 5.7 | 5.7 | 6.4 | 6.4 | 6.4 | 6.5 | 7.3 | 7.3 | 7.2 | 7.3 |
| | Hi PR | 242 | 243 | 244 | 248 | 279 | 280 | 282 | 286 | 318 | 319 | 321 | 325 | 361 | 362 | 363 | 368 | 406 | 407 | 409 | 413 | 455 | 456 | 458 | 462 |
| Lo PR | 131 | 133 | 136 | 142 | 139 | 141 | 144 | 149 | 146 | 148 | 151 | 156 | 152 | 153 | 157 | 162 | 157 | 159 | 162 | 168 | 164 | 166 | 169 | 175 | |

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)

| 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 | 17.7 | 17.9 | 18.4 | - | 17.5 | 17.8 | 18.3 | - | 17.0 | 17.3 | 17.8 | - | 16.3 | 16.5 | 17.0 | - | 15.3 | 15.5 | 16.1 | - | 14.4 | 14.6 | 15.2 | - |
| | S/T | 0.62 | 0.54 | 0.40 | - | 0.63 | 0.55 | 0.41 | - | 0.65 | 0.57 | 0.43 | - | 1.00 | 0.59 | 0.45 | - | 1.00 | 0.62 | 0.48 | - | 1.00 | 0.67 | 0.53 | - |
| | ΔT | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 18 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 20 | 18 | 15 | - |
| | kW | 1.13 | 1.12 | 1.12 | - | 1.24 | 1.24 | 1.24 | - | 1.38 | 1.38 | 1.37 | - | 1.52 | 1.52 | 1.52 | - | 1.68 | 1.68 | 1.68 | - | 1.87 | 1.87 | 1.86 | - |
| | Amps | 4.3 | 4.3 | 4.3 | - | 4.9 | 4.9 | 4.8 | - | 5.5 | 5.5 | 5.4 | - | 6.1 | 6.1 | 6.1 | - | 6.9 | 6.8 | 6.8 | - | 7.7 | 7.7 | 7.7 | - |
| | Hi PR | 236 | 237 | 238 | - | 273 | 274 | 275 | - | 312 | 313 | 314 | - | 354 | 355 | 356 | - | 399 | 400 | 402 | - | 447 | 448 | 450 | - |
| | Lo PR | 125 | 127 | 130 | - | 133 | 134 | 137 | - | 139 | 141 | 144 | - | 145 | 147 | 150 | - | 151 | 152 | 155 | - | 157 | 159 | 162 | - |
| | MBh | 17.9 | 18.2 | 18.7 | - | 17.8 | 18.0 | 18.6 | - | 17.3 | 17.6 | 18.1 | - | 16.5 | 16.8 | 17.3 | - | 15.5 | 15.8 | 16.3 | - | 14.7 | 14.9 | 15.4 | - |
| | S/T | 0.70 | 0.62 | 0.48 | - | 0.70 | 0.62 | 0.48 | - | 0.73 | 0.65 | 0.51 | - | 1.00 | 0.67 | 0.53 | - | 1.00 | 0.69 | 0.55 | - | 1.00 | 0.75 | 0.61 | - |
| | ΔT | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 19 | 17 | 14 | - |
| kW | 1.13 | 1.13 | 1.13 | - | 1.25 | 1.25 | 1.25 | - | 1.38 | 1.38 | 1.38 | - | 1.53 | 1.53 | 1.52 | - | 1.69 | 1.69 | 1.68 | - | 1.87 | 1.87 | 1.87 | - | |
| Amps | 4.3 | 4.3 | 4.3 | - | 4.9 | 4.9 | 4.9 | - | 5.5 | 5.5 | 5.5 | - | 6.2 | 6.1 | 6.1 | - | 6.9 | 6.9 | 6.9 | - | 7.7 | 7.7 | 7.7 | - | |
| Hi PR | 238 | 239 | 241 | - | 275 | 276 | 278 | - | 314 | 315 | 317 | - | 356 | 357 | 359 | - | 401 | 402 | 404 | - | 450 | 451 | 452 | - | |
| Lo PR | 127 | 129 | 132 | - | 135 | 136 | 140 | - | 141 | 143 | 146 | - | 147 | 149 | 152 | - | 153 | 154 | 157 | - | 160 | 161 | 164 | - | |
| MBh | 18.2 | 18.4 | 18.9 | - | 18.0 | 18.2 | 18.8 | - | 17.5 | 17.8 | 18.3 | - | 16.7 | 17.0 | 17.5 | - | 15.8 | 16.0 | 16.5 | - | 14.9 | 15.1 | 15.7 | - | |
| S/T | 0.73 | 0.65 | 0.51 | - | 0.73 | 0.65 | 0.51 | - | 0.76 | 0.68 | 0.54 | - | 1.00 | 0.70 | 0.56 | - | 1.00 | 0.72 | 0.58 | - | 1.00 | 0.78 | 0.64 | - | |
| ΔT | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 16 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 18 | 16 | 13 | - | |
| kW | 1.14 | 1.14 | 1.13 | - | 1.26 | 1.25 | 1.25 | - | 1.39 | 1.39 | 1.38 | - | 1.53 | 1.53 | 1.53 | - | 1.69 | 1.69 | 1.69 | - | 1.88 | 1.88 | 1.88 | - | |
| Amps | 4.4 | 4.4 | 4.4 | - | 4.9 | 4.9 | 4.9 | - | 5.5 | 5.5 | 5.5 | - | 6.2 | 6.2 | 6.2 | - | 6.9 | 6.9 | 6.9 | - | 7.8 | 7.8 | 7.7 | - | |
| Hi PR | 239 | 240 | 242 | - | 277 | 278 | 279 | - | 316 | 317 | 318 | - | 358 | 359 | 360 | - | 403 | 404 | 406 | - | 451 | 452 | 454 | - | |
| Lo PR | 129 | 130 | 134 | - | 136 | 138 | 141 | - | 143 | 145 | 148 | - | 149 | 150 | 153 | - | 154 | 156 | 159 | - | 161 | 163 | 166 | - | |
| 75 | MBh | 17.7 | 17.9 | 18.5 | 19.3 | 17.5 | 17.8 | 18.3 | 19.1 | 17.1 | 17.3 | 17.8 | 18.6 | 16.3 | 16.5 | 17.0 | 17.8 | 15.3 | 15.5 | 16.1 | 16.9 | 14.4 | 14.7 | 15.2 | 16.0 |
| | S/T | 0.76 | 0.68 | 0.53 | 0.38 | 0.76 | 0.68 | 0.54 | 0.39 | 1.00 | 0.71 | 0.57 | 0.42 | 1.00 | 0.73 | 0.59 | 0.44 | 1.00 | 0.75 | 0.61 | 0.46 | 1.00 | 1.00 | 0.66 | 0.52 |
| | ΔT | 23 | 21 | 18 | 15 | 23 | 21 | 18 | 15 | 23 | 21 | 18 | 15 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 24 | 22 | 19 | 15 |
| | kW | 1.12 | 1.12 | 1.12 | 1.13 | 1.24 | 1.24 | 1.24 | 1.25 | 1.38 | 1.37 | 1.37 | 1.38 | 1.52 | 1.52 | 1.52 | 1.52 | 1.68 | 1.68 | 1.68 | 1.68 | 1.87 | 1.87 | 1.86 | 1.87 |
| | Amps | 4.3 | 4.3 | 4.3 | 4.3 | 4.9 | 4.8 | 4.8 | 4.9 | 5.5 | 5.5 | 5.4 | 5.5 | 6.1 | 6.1 | 6.1 | 6.1 | 6.8 | 6.8 | 6.8 | 6.9 | 7.7 | 7.7 | 7.7 | 7.7 |
| | Hi PR | 236 | 237 | 238 | 243 | 273 | 274 | 276 | 280 | 312 | 313 | 315 | 319 | 354 | 355 | 357 | 361 | 399 | 400 | 402 | 406 | 448 | 449 | 450 | 454 |
| | Lo PR | 125 | 127 | 130 | 135 | 133 | 134 | 137 | 143 | 139 | 141 | 144 | 149 | 145 | 147 | 150 | 155 | 151 | 152 | 155 | 161 | 158 | 159 | 162 | 168 |
| | MBh | 17.9 | 18.2 | 18.7 | 19.5 | 17.8 | 18.0 | 18.6 | 19.4 | 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 | 14.9 | 15.4 | 16.3 |
| | S/T | 0.83 | 0.75 | 0.61 | 0.46 | 1.00 | 0.76 | 0.62 | 0.47 | 1.00 | 0.79 | 0.64 | 0.49 | 1.00 | 0.81 | 0.66 | 0.51 | 1.00 | 0.83 | 0.69 | 0.54 | 1.00 | 1.00 | 0.74 | 0.59 |
| | ΔT | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 14 | 22 | 20 | 17 | 13 | 21 | 20 | 16 | 13 | 23 | 21 | 17 | 14 |
| kW | 1.13 | 1.13 | 1.13 | 1.14 | 1.25 | 1.25 | 1.25 | 1.26 | 1.38 | 1.38 | 1.38 | 1.39 | 1.53 | 1.53 | 1.52 | 1.53 | 1.69 | 1.69 | 1.68 | 1.69 | 1.87 | 1.87 | 1.87 | 1.88 | |
| Amps | 4.3 | 4.3 | 4.3 | 4.4 | 4.9 | 4.9 | 4.9 | 4.9 | 5.5 | 5.5 | 5.5 | 5.5 | 6.1 | 6.1 | 6.1 | 6.2 | 6.9 | 6.9 | 6.9 | 6.9 | 7.7 | 7.7 | 7.7 | 7.8 | |
| Hi PR | 238 | 239 | 241 | 245 | 275 | 276 | 278 | 282 | 314 | 315 | 317 | 321 | 356 | 357 | 359 | 363 | 402 | 403 | 404 | 408 | 450 | 451 | 453 | 457 | |
| Lo PR | 127 | 129 | 132 | 137 | 135 | 136 | 140 | 145 | 142 | 143 | 146 | 152 | 147 | 149 | 152 | 157 | 153 | 154 | 157 | 163 | 160 | 161 | 164 | 170 | |
| MBh | 18.2 | 18.4 | 18.9 | 19.7 | 18.0 | 18.3 | 18.8 | 19.6 | 17.5 | 17.8 | 18.3 | 19.1 | 16.7 | 17.0 | 17.5 | 18.3 | 15.8 | 16.0 | 16.6 | 17.4 | 14.9 | 15.1 | 15.7 | 16.5 | |
| S/T | 0.86 | 0.78 | 0.64 | 0.49 | 1.00 | 0.79 | 0.65 | 0.50 | 1.00 | 0.82 | 0.67 | 0.52 | 1.00 | 0.84 | 0.69 | 0.54 | 1.00 | 1.00 | 0.72 | 0.57 | 1.00 | 1.00 | 0.77 | 0.62 | |
| ΔT | 21 | 19 | 16 | 13 | 21 | 19 | 16 | 13 | 21 | 19 | 16 | 13 | 21 | 19 | 16 | 13 | 21 | 19 | 16 | 12 | 22 | 20 | 17 | 13 | |
| kW | 1.14 | 1.14 | 1.13 | 1.14 | 1.25 | 1.25 | 1.25 | 1.26 | 1.39 | 1.39 | 1.38 | 1.39 | 1.53 | 1.53 | 1.53 | 1.54 | 1.69 | 1.69 | 1.69 | 1.70 | 1.88 | 1.88 | 1.88 | 1.88 | |
| Amps | 4.4 | 4.4 | 4.4 | 4.4 | 4.9 | 4.9 | 4.9 | 4.9 | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | 6.2 | 6.2 | 6.2 | 6.9 | 6.9 | 6.9 | 6.9 | 7.8 | 7.8 | 7.7 | 7.8 | |
| Hi PR | 240 | 241 | 242 | 246 | 277 | 278 | 280 | 284 | 316 | 317 | 319 | 323 | 358 | 359 | 361 | 365 | 403 | 404 | 406 | 410 | 451 | 452 | 454 | 458 | |
| Lo PR | 129 | 130 | 134 | 139 | 136 | 138 | 141 | 147 | 143 | 145 | 148 | 153 | 149 | 150 | 153 | 159 | 154 | 156 | 159 | 164 | 161 | 163 | 166 | 171 | |

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 — GSZ140191A* / ARUF25B14A*+TXV (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 | 17.8 | 18.0 | 18.5 | 19.4 | 17.6 | 17.9 | 18.4 | 19.2 | 17.1 | 17.4 | 17.9 | 18.7 | 16.4 | 16.6 | 17.1 | 17.9 | 15.4 | 15.6 | 16.2 | 17.0 | 14.5 | 14.7 | 15.3 | 16.1 |
| | S/T | 1.00 | 0.81 | 0.67 | 0.52 | 1.00 | 0.81 | 0.67 | 0.52 | 1.00 | 0.84 | 0.70 | 0.55 | 1.00 | 1.00 | 0.72 | 0.57 | 1.00 | 1.00 | 0.74 | 0.59 | 1.00 | 1.00 | 0.80 | 0.65 |
| | ΔT | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 19 | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 28 | 26 | 23 | 19 |
| | kW | 1.13 | 1.12 | 1.11 | 1.13 | 1.24 | 1.24 | 1.24 | 1.25 | 1.38 | 1.38 | 1.37 | 1.38 | 1.52 | 1.52 | 1.52 | 1.53 | 1.68 | 1.68 | 1.68 | 1.69 | 1.87 | 1.87 | 1.86 | 1.87 |
| | Amps | 4.3 | 4.3 | 4.3 | 4.3 | 4.9 | 4.9 | 4.8 | 4.9 | 5.5 | 5.5 | 5.4 | 5.5 | 6.1 | 6.1 | 6.1 | 6.1 | 6.9 | 6.8 | 6.8 | 6.9 | 7.7 | 7.7 | 7.7 | 7.7 |
| | Hi PR | 236 | 237 | 239 | 243 | 273 | 274 | 276 | 280 | 312 | 313 | 315 | 319 | 354 | 355 | 357 | 361 | 400 | 401 | 402 | 406 | 448 | 449 | 451 | 455 |
| | Lo PR | 126 | 127 | 130 | 136 | 133 | 135 | 138 | 143 | 140 | 141 | 145 | 150 | 146 | 147 | 150 | 156 | 151 | 153 | 156 | 161 | 158 | 160 | 163 | 168 |
| | MBh | 18.0 | 18.3 | 18.8 | 19.6 | 17.9 | 18.1 | 18.7 | 19.5 | 17.4 | 17.7 | 18.2 | 19.0 | 16.6 | 16.9 | 17.4 | 18.2 | 15.6 | 15.9 | 16.4 | 17.2 | 14.8 | 15.0 | 15.5 | 16.3 |
| | S/T | 1.00 | 0.88 | 0.74 | 0.59 | 1.00 | 0.89 | 0.75 | 0.60 | 1.00 | 0.92 | 0.77 | 0.63 | 1.00 | 1.00 | 0.80 | 0.65 | 1.00 | 1.00 | 0.82 | 0.67 | 1.00 | 1.00 | 0.87 | 0.72 |
| | ΔT | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 25 | 24 | 20 | 17 | 26 | 25 | 21 | 18 |
| kW | 1.13 | 1.13 | 1.13 | 1.14 | 1.25 | 1.25 | 1.25 | 1.26 | 1.38 | 1.38 | 1.38 | 1.39 | 1.53 | 1.53 | 1.53 | 1.53 | 1.69 | 1.69 | 1.68 | 1.69 | 1.87 | 1.87 | 1.87 | 1.88 | |
| Amps | 4.3 | 4.3 | 4.3 | 4.4 | 4.9 | 4.9 | 4.9 | 4.9 | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | 6.1 | 6.1 | 6.2 | 6.9 | 6.9 | 6.9 | 6.9 | 7.7 | 7.7 | 7.7 | 7.8 | |
| Hi PR | 239 | 240 | 241 | 245 | 276 | 277 | 278 | 283 | 315 | 316 | 317 | 322 | 357 | 358 | 359 | 364 | 402 | 403 | 405 | 409 | 450 | 451 | 453 | 457 | |
| Lo PR | 128 | 129 | 133 | 138 | 135 | 137 | 140 | 145 | 142 | 144 | 147 | 152 | 148 | 149 | 152 | 158 | 153 | 155 | 158 | 163 | 160 | 162 | 165 | 170 | |
| MBh | 18.3 | 18.5 | 19.0 | 19.8 | 18.1 | 18.3 | 18.9 | 19.7 | 17.6 | 17.9 | 18.4 | 19.2 | 16.8 | 17.1 | 17.6 | 18.4 | 15.9 | 16.1 | 16.6 | 17.5 | 15.0 | 15.2 | 15.8 | 16.6 | |
| S/T | 1.00 | 0.91 | 0.77 | 0.62 | 1.00 | 0.92 | 0.78 | 0.63 | 1.00 | 0.95 | 0.80 | 0.66 | 1.00 | 1.00 | 0.83 | 0.68 | 1.00 | 1.00 | 0.85 | 0.70 | 1.00 | 1.00 | 0.90 | 0.75 | |
| ΔT | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 17 | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 26 | 24 | 21 | 17 | |
| kW | 1.14 | 1.14 | 1.13 | 1.14 | 1.26 | 1.25 | 1.25 | 1.26 | 1.39 | 1.39 | 1.38 | 1.39 | 1.53 | 1.53 | 1.53 | 1.54 | 1.69 | 1.69 | 1.69 | 1.70 | 1.88 | 1.88 | 1.88 | 1.88 | |
| Amps | 4.4 | 4.4 | 4.4 | 4.4 | 4.9 | 4.9 | 4.9 | 4.9 | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | 6.2 | 6.2 | 6.2 | 6.9 | 6.9 | 6.9 | 6.9 | 7.8 | 7.8 | 7.7 | 7.8 | |
| Hi PR | 240 | 241 | 243 | 247 | 277 | 278 | 280 | 284 | 316 | 317 | 319 | 323 | 358 | 359 | 361 | 365 | 404 | 405 | 406 | 410 | 452 | 453 | 455 | 459 | |
| Lo PR | 129 | 131 | 134 | 139 | 137 | 139 | 142 | 147 | 144 | 145 | 148 | 154 | 149 | 151 | 154 | 159 | 155 | 156 | 160 | 165 | 162 | 163 | 167 | 172 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85 | MBh | 18.1 | 18.3 | 18.8 | 19.7 | 17.9 | 18.2 | 18.7 | 19.5 | 17.4 | 17.7 | 18.2 | 19.0 | 16.7 | 16.9 | 17.4 | 18.2 | 15.7 | 15.9 | 16.5 | 17.3 | 14.8 | 15.0 | 15.6 | 16.4 |
| | S/T | 1.00 | 0.91 | 0.77 | 0.62 | 1.00 | 1.00 | 0.78 | 0.63 | 1.00 | 1.00 | 0.80 | 0.66 | 1.00 | 1.00 | 0.83 | 0.68 | 1.00 | 1.00 | 0.85 | 0.70 | 1.00 | 1.00 | 1.00 | 0.75 |
| | ΔT | 30 | 29 | 25 | 22 | 30 | 28 | 25 | 22 | 30 | 29 | 25 | 22 | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 22 | 31 | 29 | 26 | 23 |
| | kW | 1.13 | 1.13 | 1.12 | 1.13 | 1.25 | 1.25 | 1.24 | 1.25 | 1.38 | 1.38 | 1.38 | 1.38 | 1.52 | 1.52 | 1.52 | 1.53 | 1.68 | 1.68 | 1.68 | 1.69 | 1.87 | 1.87 | 1.87 | 1.88 |
| | Amps | 4.3 | 4.3 | 4.3 | 4.4 | 4.9 | 4.9 | 4.9 | 4.9 | 5.5 | 5.5 | 5.5 | 5.5 | 6.1 | 6.1 | 6.1 | 6.2 | 6.9 | 6.9 | 6.8 | 6.9 | 7.7 | 7.7 | 7.7 | 7.7 |
| | Hi PR | 237 | 238 | 240 | 244 | 275 | 276 | 277 | 281 | 314 | 315 | 316 | 320 | 356 | 357 | 358 | 362 | 401 | 402 | 403 | 408 | 449 | 450 | 452 | 456 |
| | Lo PR | 128 | 129 | 132 | 138 | 135 | 137 | 140 | 145 | 142 | 143 | 147 | 152 | 147 | 149 | 152 | 158 | 153 | 155 | 158 | 163 | 160 | 161 | 165 | 170 |
| | MBh | 18.3 | 18.6 | 19.1 | 19.9 | 18.2 | 18.4 | 19.0 | 19.8 | 17.7 | 18.0 | 18.5 | 19.3 | 16.9 | 17.2 | 17.7 | 18.5 | 15.9 | 16.2 | 16.7 | 17.5 | 15.1 | 15.3 | 15.8 | 16.6 |
| | S/T | 1.00 | 0.99 | 0.85 | 0.70 | 1.00 | 1.00 | 0.85 | 0.71 | 1.00 | 1.00 | 0.88 | 0.73 | 1.00 | 1.00 | 0.90 | 0.75 | 1.00 | 1.00 | 1.00 | 0.77 | 1.00 | 1.00 | 1.00 | 0.83 |
| | ΔT | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 20 | 30 | 28 | 25 | 21 |
| kW | 1.13 | 1.13 | 1.13 | 1.14 | 1.25 | 1.25 | 1.25 | 1.26 | 1.39 | 1.38 | 1.38 | 1.39 | 1.53 | 1.53 | 1.53 | 1.54 | 1.69 | 1.69 | 1.69 | 1.70 | 1.88 | 1.88 | 1.87 | 1.88 | |
| Amps | 4.4 | 4.4 | 4.3 | 4.4 | 4.9 | 4.9 | 4.9 | 4.9 | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | 6.2 | 6.1 | 6.2 | 6.9 | 6.9 | 6.9 | 6.9 | 7.8 | 7.7 | 7.7 | 7.8 | |
| Hi PR | 240 | 241 | 242 | 246 | 277 | 278 | 280 | 284 | 316 | 317 | 319 | 323 | 358 | 359 | 361 | 365 | 403 | 404 | 406 | 410 | 451 | 452 | 454 | 458 | |
| 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 | 18.6 | 18.8 | 19.3 | 20.1 | 18.4 | 18.6 | 19.2 | 20.0 | 17.9 | 18.2 | 18.7 | 19.5 | 17.1 | 17.4 | 17.9 | 18.7 | 16.2 | 16.4 | 16.9 | 17.8 | 15.3 | 15.5 | 16.1 | 16.9 | |
| S/T | 1.00 | 1.00 | 0.88 | 0.73 | 1.00 | 1.00 | 0.88 | 0.74 | 1.00 | 1.00 | 0.91 | 0.76 | 1.00 | 1.00 | 0.93 | 0.78 | 1.00 | 1.00 | 1.00 | 0.80 | 1.00 | 1.00 | 1.00 | 0.86 | |
| ΔT | 28 | 27 | 23 | 20 | 28 | 27 | 23 | 20 | 29 | 27 | 23 | 20 | 28 | 26 | 23 | 20 | 28 | 26 | 23 | 20 | 29 | 27 | 24 | 21 | |
| kW | 1.14 | 1.14 | 1.14 | 1.15 | 1.26 | 1.26 | 1.25 | 1.26 | 1.39 | 1.39 | 1.39 | 1.40 | 1.53 | 1.53 | 1.53 | 1.54 | 1.69 | 1.69 | 1.69 | 1.70 | 1.88 | 1.88 | 1.88 | 1.89 | |
| Amps | 4.4 | 4.4 | 4.4 | 4.4 | 4.9 | 4.9 | 4.9 | 4.9 | 5.5 | 5.5 | 5.5 | 5.6 | 6.2 | 6.2 | 6.2 | 6.2 | 6.9 | 6.9 | 6.9 | 6.9 | 7.8 | 7.8 | 7.8 | 7.8 | |
| Hi PR | 241 | 242 | 244 | 248 | 278 | 279 | 281 | 285 | 317 | 318 | 320 | 324 | 359 | 360 | 362 | 366 | 405 | 406 | 407 | 411 | 453 | 454 | 456 | 460 | |
| Lo PR | 131 | 133 | 136 | 141 | 139 | 140 | 144 | 149 | 146 | 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 AHRI Rating Conditions.
 kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

| 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 | 23.7 | 24.0 | 24.7 | - | 23.4 | 23.8 | 24.5 | - | 22.8 | 23.2 | 23.9 | - | 21.7 | 22.1 | 22.8 | - | 20.4 | 20.8 | 21.5 | - | 19.2 | 19.6 | 20.3 | - |
| | S/T | 0.59 | 0.51 | 0.37 | - | 0.60 | 0.52 | 0.37 | - | 0.62 | 0.54 | 0.40 | - | 0.65 | 0.56 | 0.42 | - | 1.00 | 0.59 | 0.44 | - | 1.00 | 0.64 | 0.50 | - |
| | ΔT | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 20 | 18 | 15 | - |
| | kW | 1.41 | 1.40 | 1.40 | - | 1.57 | 1.57 | 1.57 | - | 1.76 | 1.76 | 1.75 | - | 1.96 | 1.96 | 1.95 | - | 2.18 | 2.18 | 2.18 | - | 2.44 | 2.44 | 2.44 | - |
| | Amps | 5.2 | 5.2 | 5.2 | - | 6.0 | 5.9 | 5.9 | - | 6.8 | 6.8 | 6.8 | - | 7.7 | 7.7 | 7.7 | - | 8.7 | 8.7 | 8.7 | - | 9.9 | 9.9 | 9.9 | - |
| | HI/PR | 249 | 250 | 252 | - | 288 | 290 | 291 | - | 330 | 331 | 333 | - | 374 | 375 | 377 | - | 422 | 423 | 425 | - | 474 | 475 | 476 | - |
| | LO/PR | 123 | 124 | 128 | - | 130 | 132 | 135 | - | 137 | 139 | 142 | - | 143 | 144 | 147 | - | 148 | 150 | 153 | - | 155 | 157 | 160 | - |
| | MBh | 23.9 | 24.2 | 25.0 | - | 23.7 | 24.0 | 24.7 | - | 23.1 | 23.4 | 24.1 | - | 22.0 | 22.3 | 23.1 | - | 20.7 | 21.0 | 21.7 | - | 19.5 | 19.8 | 20.6 | - |
| | S/T | 0.67 | 0.59 | 0.44 | - | 0.67 | 0.59 | 0.45 | - | 0.70 | 0.62 | 0.48 | - | 1.00 | 0.64 | 0.50 | - | 1.00 | 0.66 | 0.52 | - | 1.00 | 0.72 | 0.58 | - |
| | ΔT | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 19 | 17 | 14 | - |
| | kW | 1.41 | 1.41 | 1.41 | - | 1.58 | 1.58 | 1.58 | - | 1.77 | 1.76 | 1.76 | - | 1.97 | 1.96 | 1.96 | - | 2.19 | 2.19 | 2.19 | - | 2.45 | 2.45 | 2.45 | - |
| | Amps | 5.2 | 5.2 | 5.2 | - | 6.0 | 6.0 | 6.0 | - | 6.8 | 6.8 | 6.8 | - | 7.8 | 7.8 | 7.7 | - | 8.8 | 8.8 | 8.8 | - | 10.0 | 10.0 | 10.0 | - |
| HI/PR | 251 | 252 | 254 | - | 290 | 292 | 293 | - | 332 | 333 | 335 | - | 376 | 377 | 379 | - | 424 | 426 | 427 | - | 476 | 477 | 479 | - | |
| LO/PR | 125 | 126 | 129 | - | 132 | 134 | 137 | - | 139 | 140 | 143 | - | 144 | 146 | 149 | - | 150 | 151 | 154 | - | 157 | 158 | 161 | - | |
| MBh | 24.1 | 24.5 | 25.2 | - | 23.9 | 24.2 | 25.0 | - | 23.3 | 23.6 | 24.3 | - | 22.2 | 22.6 | 23.3 | - | 20.9 | 21.2 | 22.0 | - | 19.7 | 20.1 | 20.8 | - | |
| S/T | 0.71 | 0.62 | 0.48 | - | 0.71 | 0.63 | 0.49 | - | 0.74 | 0.66 | 0.51 | - | 1.00 | 0.68 | 0.53 | - | 1.00 | 0.70 | 0.56 | - | 1.00 | 0.76 | 0.61 | - | |
| ΔT | 17 | 16 | 12 | - | 17 | 15 | 12 | - | 17 | 16 | 13 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 18 | 16 | 13 | - | |
| kW | 1.42 | 1.42 | 1.42 | - | 1.59 | 1.58 | 1.58 | - | 1.77 | 1.77 | 1.77 | - | 1.97 | 1.97 | 1.97 | - | 2.20 | 2.19 | 2.19 | - | 2.46 | 2.46 | 2.45 | - | |
| Amps | 5.3 | 5.3 | 5.2 | - | 6.0 | 6.0 | 6.0 | - | 6.9 | 6.9 | 6.8 | - | 7.8 | 7.8 | 7.8 | - | 8.8 | 8.8 | 8.8 | - | 10.0 | 10.0 | 10.0 | - | |
| HI/PR | 252 | 253 | 255 | - | 292 | 293 | 295 | - | 333 | 334 | 336 | - | 378 | 379 | 381 | - | 426 | 427 | 429 | - | 477 | 478 | 480 | - | |
| LO/PR | 126 | 127 | 130 | - | 133 | 135 | 138 | - | 140 | 141 | 145 | - | 145 | 147 | 150 | - | 151 | 152 | 156 | - | 158 | 159 | 163 | - | |
| 75 | MBh | 23.7 | 24.0 | 24.7 | 25.8 | 23.5 | 23.8 | 24.5 | 25.6 | 22.8 | 23.2 | 23.9 | 25.0 | 21.8 | 22.1 | 22.8 | 23.9 | 20.5 | 20.8 | 21.5 | 22.6 | 19.3 | 19.6 | 20.3 | 21.4 |
| | S/T | 0.73 | 0.65 | 0.50 | 0.35 | 0.73 | 0.65 | 0.51 | 0.36 | 1.00 | 0.68 | 0.54 | 0.39 | 1.00 | 0.70 | 0.56 | 0.41 | 1.00 | 0.72 | 0.58 | 0.43 | 1.00 | 1.00 | 0.64 | 0.48 |
| | ΔT | 23 | 21 | 18 | 15 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 15 | 23 | 21 | 18 | 14 | 22 | 21 | 17 | 14 | 23 | 22 | 19 | 15 |
| | kW | 1.40 | 1.40 | 1.40 | 1.41 | 1.57 | 1.57 | 1.57 | 1.58 | 1.76 | 1.75 | 1.75 | 1.76 | 1.96 | 1.95 | 1.95 | 1.96 | 2.18 | 2.18 | 2.18 | 2.19 | 2.44 | 2.44 | 2.44 | 2.45 |
| | Amps | 5.2 | 5.2 | 5.2 | 5.2 | 5.9 | 5.9 | 5.9 | 6.0 | 6.8 | 6.8 | 6.8 | 6.8 | 7.7 | 7.7 | 7.7 | 7.8 | 8.7 | 8.7 | 8.7 | 8.8 | 9.9 | 9.9 | 9.9 | 10.0 |
| | HI/PR | 249 | 250 | 252 | 256 | 289 | 290 | 291 | 296 | 330 | 331 | 333 | 337 | 375 | 376 | 377 | 382 | 423 | 424 | 425 | 430 | 474 | 475 | 477 | 481 |
| | LO/PR | 123 | 125 | 128 | 133 | 131 | 132 | 135 | 140 | 137 | 139 | 142 | 147 | 143 | 144 | 147 | 153 | 148 | 150 | 153 | 158 | 155 | 157 | 160 | 165 |
| | MBh | 23.9 | 24.3 | 25.0 | 26.1 | 23.7 | 24.0 | 24.8 | 25.8 | 23.1 | 23.4 | 24.1 | 25.2 | 22.0 | 22.4 | 23.1 | 24.2 | 20.7 | 21.1 | 21.8 | 22.8 | 19.5 | 19.9 | 20.6 | 21.7 |
| | S/T | 0.80 | 0.72 | 0.58 | 0.43 | 0.81 | 0.73 | 0.59 | 0.44 | 1.00 | 0.76 | 0.61 | 0.46 | 1.00 | 0.78 | 0.63 | 0.48 | 1.00 | 0.80 | 0.66 | 0.51 | 1.00 | 1.00 | 0.71 | 0.56 |
| | ΔT | 22 | 20 | 17 | 13 | 21 | 20 | 17 | 13 | 22 | 20 | 17 | 14 | 21 | 20 | 17 | 13 | 21 | 20 | 16 | 13 | 22 | 21 | 17 | 14 |
| | kW | 1.41 | 1.41 | 1.41 | 1.42 | 1.58 | 1.58 | 1.58 | 1.59 | 1.76 | 1.76 | 1.76 | 1.77 | 1.96 | 1.96 | 1.96 | 1.97 | 2.19 | 2.19 | 2.18 | 2.20 | 2.45 | 2.45 | 2.45 | 2.46 |
| | Amps | 5.2 | 5.2 | 5.2 | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.8 | 6.8 | 6.8 | 6.9 | 7.8 | 7.7 | 7.7 | 7.8 | 8.8 | 8.8 | 8.8 | 8.8 | 10.0 | 10.0 | 10.0 | 10.0 |
| HI/PR | 251 | 252 | 254 | 258 | 291 | 292 | 294 | 298 | 332 | 333 | 335 | 339 | 377 | 378 | 379 | 384 | 425 | 426 | 427 | 432 | 476 | 477 | 479 | 483 | |
| LO/PR | 125 | 126 | 129 | 135 | 132 | 134 | 137 | 142 | 139 | 140 | 143 | 149 | 144 | 146 | 149 | 154 | 150 | 151 | 154 | 160 | 157 | 158 | 161 | 167 | |
| MBh | 24.1 | 24.5 | 25.2 | 26.3 | 23.9 | 24.3 | 25.0 | 26.1 | 23.3 | 23.6 | 24.3 | 25.4 | 22.2 | 22.6 | 23.3 | 24.4 | 20.9 | 21.3 | 22.0 | 23.1 | 19.7 | 20.1 | 20.8 | 21.9 | |
| S/T | 0.84 | 0.76 | 0.62 | 0.47 | 1.00 | 0.77 | 0.62 | 0.47 | 1.00 | 0.79 | 0.65 | 0.50 | 1.00 | 0.82 | 0.67 | 0.52 | 1.00 | 0.84 | 0.69 | 0.54 | 1.00 | 1.00 | 0.75 | 0.60 | |
| ΔT | 21 | 19 | 16 | 13 | 21 | 19 | 16 | 13 | 21 | 19 | 16 | 13 | 21 | 19 | 16 | 13 | 21 | 19 | 16 | 13 | 22 | 20 | 17 | 14 | |
| kW | 1.42 | 1.42 | 1.41 | 1.43 | 1.58 | 1.58 | 1.58 | 1.59 | 1.77 | 1.77 | 1.77 | 1.78 | 1.97 | 1.97 | 1.97 | 1.98 | 2.19 | 2.19 | 2.19 | 2.20 | 2.46 | 2.46 | 2.45 | 2.47 | |
| Amps | 5.3 | 5.2 | 5.2 | 5.3 | 6.0 | 6.0 | 6.0 | 6.1 | 6.9 | 6.9 | 6.8 | 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 | 253 | 254 | 255 | 260 | 292 | 293 | 295 | 299 | 333 | 335 | 336 | 341 | 378 | 379 | 381 | 385 | 426 | 427 | 429 | 433 | 477 | 478 | 480 | 484 | |
| LO/PR | 126 | 127 | 130 | 136 | 133 | 135 | 138 | 143 | 140 | 141 | 145 | 150 | 146 | 147 | 150 | 155 | 151 | 153 | 156 | 161 | 158 | 159 | 163 | 168 | |

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 — GSZ140241K* + ARUF25B14** + TXV (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 | 23.8 | 24.1 | 24.8 | 25.9 | 23.6 | 23.9 | 24.6 | 25.7 | 23.0 | 23.3 | 24.0 | 25.1 | 21.9 | 22.2 | 22.9 | 24.0 | 20.6 | 20.9 | 21.6 | 22.7 | 19.4 | 19.7 | 20.4 | 21.5 |
| | S/T | 1.00 | 0.78 | 0.64 | 0.49 | 1.00 | 0.79 | 0.64 | 0.49 | 1.00 | 0.81 | 0.67 | 0.52 | 1.00 | 0.83 | 0.69 | 0.54 | 1.00 | 1.00 | 0.71 | 0.56 | 1.00 | 1.00 | 0.77 | 0.62 |
| | ΔT | 26 | 25 | 22 | 18 | 26 | 25 | 21 | 18 | 27 | 25 | 22 | 18 | 26 | 25 | 21 | 18 | 26 | 24 | 21 | 18 | 27 | 25 | 22 | 19 |
| | kW | 1.41 | 1.40 | 1.40 | 1.41 | 1.57 | 1.57 | 1.57 | 1.58 | 1.76 | 1.76 | 1.75 | 1.76 | 1.96 | 1.96 | 1.95 | 1.97 | 2.18 | 2.18 | 2.18 | 2.19 | 2.44 | 2.44 | 2.44 | 2.45 |
| | Amps | 5.2 | 5.2 | 5.2 | 5.2 | 6.0 | 5.9 | 5.9 | 6.0 | 6.8 | 6.8 | 6.8 | 6.8 | 7.7 | 7.7 | 7.7 | 7.8 | 8.7 | 8.7 | 8.7 | 8.8 | 9.9 | 9.9 | 9.9 | 10.0 |
| | HI/PR | 250 | 251 | 252 | 257 | 289 | 290 | 292 | 296 | 330 | 332 | 333 | 338 | 375 | 376 | 378 | 382 | 423 | 424 | 426 | 430 | 474 | 475 | 477 | 482 |
| LO/PR | 124 | 125 | 128 | 133 | 131 | 133 | 136 | 141 | 138 | 139 | 142 | 148 | 143 | 145 | 148 | 153 | 149 | 150 | 153 | 159 | 156 | 157 | 160 | 166 | |
| 80 | MBh | 24.0 | 24.4 | 25.1 | 26.2 | 23.8 | 24.2 | 24.9 | 26.0 | 23.2 | 23.6 | 24.3 | 25.3 | 22.1 | 22.5 | 23.2 | 24.3 | 20.8 | 21.2 | 21.9 | 23.0 | 19.6 | 20.0 | 20.7 | 21.8 |
| | S/T | 1.00 | 0.86 | 0.71 | 0.56 | 1.00 | 0.86 | 0.72 | 0.57 | 1.00 | 0.89 | 0.75 | 0.59 | 1.00 | 1.00 | 0.77 | 0.62 | 1.00 | 1.00 | 0.79 | 0.64 | 1.00 | 1.00 | 0.84 | 0.69 |
| | ΔT | 25 | 24 | 20 | 17 | 25 | 24 | 20 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 20 | 17 | 25 | 23 | 20 | 17 | 26 | 24 | 21 | 18 |
| | kW | 1.41 | 1.41 | 1.41 | 1.42 | 1.58 | 1.58 | 1.58 | 1.59 | 1.77 | 1.76 | 1.76 | 1.77 | 1.97 | 1.96 | 1.96 | 1.97 | 2.19 | 2.19 | 2.19 | 2.20 | 2.45 | 2.45 | 2.45 | 2.46 |
| | Amps | 5.2 | 5.2 | 5.2 | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.8 | 6.8 | 6.8 | 6.9 | 7.8 | 7.8 | 7.7 | 7.8 | 8.8 | 8.8 | 8.8 | 8.8 | 10.0 | 10.0 | 10.0 | 10.0 |
| | HI/PR | 252 | 253 | 255 | 259 | 291 | 292 | 294 | 298 | 333 | 334 | 335 | 340 | 377 | 378 | 380 | 384 | 425 | 426 | 428 | 432 | 476 | 477 | 479 | 484 |
| LO/PR | 125 | 127 | 130 | 135 | 133 | 134 | 137 | 143 | 139 | 141 | 144 | 149 | 145 | 146 | 150 | 155 | 150 | 152 | 155 | 160 | 157 | 159 | 162 | 167 | |
| 870 | MBh | 24.3 | 24.6 | 25.3 | 26.4 | 24.0 | 24.4 | 25.1 | 26.2 | 23.4 | 23.8 | 24.5 | 25.6 | 22.4 | 22.7 | 23.4 | 24.5 | 21.0 | 21.4 | 22.1 | 23.2 | 19.9 | 20.2 | 20.9 | 22.0 |
| | S/T | 1.00 | 0.89 | 0.75 | 0.60 | 1.00 | 0.90 | 0.76 | 0.61 | 1.00 | 0.93 | 0.78 | 0.63 | 1.00 | 1.00 | 0.80 | 0.65 | 1.00 | 1.00 | 0.83 | 0.68 | 1.00 | 1.00 | 0.88 | 0.73 |
| | ΔT | 25 | 23 | 20 | 17 | 25 | 23 | 20 | 17 | 25 | 23 | 20 | 17 | 25 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 25 | 24 | 21 | 17 |
| | kW | 1.42 | 1.42 | 1.42 | 1.43 | 1.59 | 1.58 | 1.58 | 1.59 | 1.77 | 1.77 | 1.77 | 1.78 | 1.97 | 1.97 | 1.97 | 1.98 | 2.19 | 2.19 | 2.19 | 2.20 | 2.46 | 2.46 | 2.45 | 2.47 |
| | Amps | 5.3 | 5.3 | 5.2 | 5.3 | 6.0 | 6.0 | 6.0 | 6.1 | 6.9 | 6.9 | 6.8 | 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 | 253 | 254 | 256 | 260 | 293 | 294 | 295 | 300 | 334 | 335 | 337 | 341 | 378 | 380 | 381 | 386 | 426 | 428 | 429 | 434 | 478 | 479 | 481 | 485 |
| LO/PR | 126 | 128 | 131 | 136 | 134 | 135 | 139 | 144 | 140 | 142 | 145 | 150 | 146 | 148 | 151 | 156 | 152 | 153 | 156 | 161 | 158 | 160 | 163 | 168 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 700 | MBh | 24.2 | 24.5 | 25.2 | 26.3 | 24.0 | 24.3 | 25.0 | 26.1 | 23.4 | 23.7 | 24.4 | 25.5 | 22.3 | 22.6 | 23.3 | 24.4 | 21.0 | 21.3 | 22.0 | 23.1 | 19.8 | 20.1 | 20.8 | 21.9 |
| | S/T | 1.00 | 0.89 | 0.74 | 0.59 | 1.00 | 0.89 | 0.75 | 0.60 | 1.00 | 1.00 | 0.78 | 0.63 | 1.00 | 1.00 | 0.80 | 0.65 | 1.00 | 1.00 | 0.82 | 0.67 | 1.00 | 1.00 | 1.00 | 0.72 |
| | ΔT | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 21 | 29 | 28 | 25 | 21 | 30 | 29 | 26 | 22 |
| | kW | 1.41 | 1.41 | 1.40 | 1.42 | 1.57 | 1.57 | 1.57 | 1.58 | 1.76 | 1.76 | 1.76 | 1.77 | 1.96 | 1.96 | 1.96 | 1.97 | 2.18 | 2.18 | 2.18 | 2.19 | 2.45 | 2.45 | 2.44 | 2.45 |
| | Amps | 5.2 | 5.2 | 5.2 | 5.2 | 6.0 | 6.0 | 6.0 | 6.0 | 6.8 | 6.8 | 6.8 | 6.9 | 7.7 | 7.7 | 7.7 | 7.8 | 8.8 | 8.7 | 8.7 | 8.8 | 10.0 | 10.0 | 9.9 | 10.0 |
| | HI/PR | 251 | 252 | 254 | 258 | 290 | 291 | 293 | 297 | 332 | 333 | 334 | 339 | 376 | 377 | 379 | 383 | 424 | 425 | 427 | 431 | 475 | 477 | 478 | 483 |
| LO/PR | 125 | 127 | 130 | 135 | 133 | 134 | 138 | 143 | 140 | 141 | 144 | 149 | 145 | 147 | 150 | 155 | 151 | 152 | 155 | 161 | 157 | 159 | 162 | 167 | |
| 800 | MBh | 24.5 | 24.8 | 25.5 | 26.6 | 24.2 | 24.6 | 25.3 | 26.4 | 23.6 | 24.0 | 24.7 | 25.7 | 22.5 | 22.9 | 23.6 | 24.7 | 21.2 | 21.6 | 22.3 | 23.4 | 20.0 | 20.4 | 21.1 | 22.2 |
| | S/T | 1.00 | 0.96 | 0.82 | 0.67 | 1.00 | 1.00 | 0.83 | 0.68 | 1.00 | 1.00 | 0.85 | 0.70 | 1.00 | 1.00 | 0.87 | 0.72 | 1.00 | 1.00 | 0.90 | 0.75 | 1.00 | 1.00 | 1.00 | 0.80 |
| | ΔT | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 20 | 28 | 27 | 23 | 20 | 29 | 28 | 25 | 21 |
| | kW | 1.42 | 1.42 | 1.41 | 1.43 | 1.58 | 1.58 | 1.58 | 1.59 | 1.77 | 1.77 | 1.76 | 1.78 | 1.97 | 1.97 | 1.96 | 1.98 | 2.19 | 2.19 | 2.19 | 2.20 | 2.46 | 2.45 | 2.45 | 2.46 |
| | Amps | 5.2 | 5.2 | 5.2 | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 | 6.9 | 6.8 | 6.8 | 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 | 253 | 254 | 256 | 260 | 292 | 293 | 295 | 300 | 334 | 335 | 337 | 341 | 378 | 379 | 381 | 385 | 426 | 427 | 429 | 433 | 478 | 479 | 480 | 485 |
| LO/PR | 127 | 129 | 132 | 137 | 135 | 136 | 139 | 144 | 141 | 143 | 146 | 151 | 147 | 148 | 151 | 157 | 152 | 154 | 157 | 162 | 159 | 161 | 164 | 169 | |
| 870 | MBh | 24.7 | 25.0 | 25.7 | 26.8 | 24.4 | 24.8 | 25.5 | 26.6 | 23.8 | 24.2 | 24.9 | 26.0 | 22.8 | 23.1 | 23.8 | 24.9 | 21.4 | 21.8 | 22.5 | 23.6 | 20.3 | 20.6 | 21.3 | 22.4 |
| | S/T | 1.00 | 1.00 | 0.86 | 0.71 | 1.00 | 1.00 | 0.86 | 0.71 | 1.00 | 1.00 | 0.89 | 0.74 | 1.00 | 1.00 | 0.91 | 0.76 | 1.00 | 1.00 | 0.93 | 0.78 | 1.00 | 1.00 | 1.00 | 0.84 |
| | ΔT | 28 | 26 | 23 | 20 | 28 | 26 | 23 | 20 | 28 | 26 | 23 | 20 | 28 | 26 | 23 | 20 | 28 | 26 | 23 | 20 | 29 | 27 | 24 | 21 |
| | kW | 1.42 | 1.42 | 1.42 | 1.43 | 1.59 | 1.59 | 1.58 | 1.60 | 1.77 | 1.77 | 1.77 | 1.78 | 1.97 | 1.97 | 1.97 | 1.98 | 2.20 | 2.20 | 2.19 | 2.21 | 2.46 | 2.46 | 2.46 | 2.47 |
| | 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 | 7.8 | 7.8 | 8.8 | 8.8 | 8.8 | 8.9 | 10.0 | 10.0 | 10.0 | 10.1 |
| | HI/PR | 254 | 255 | 257 | 261 | 294 | 295 | 297 | 301 | 335 | 336 | 338 | 342 | 380 | 381 | 382 | 387 | 428 | 429 | 430 | 435 | 479 | 480 | 482 | 486 |
| LO/PR | 128 | 130 | 133 | 138 | 136 | 137 | 140 | 146 | 142 | 144 | 147 | 152 | 148 | 149 | 153 | 158 | 153 | 155 | 158 | 163 | 160 | 162 | 165 | 170 | |

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)

| IDB | Airflow | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|------|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | |
| 70 | 700 | MBh | 23.3 | 23.6 | 24.3 | 24.1 | 23.1 | 23.4 | 24.1 | 24.1 | 22.5 | 22.8 | 23.5 | 23.5 | 21.4 | 21.7 | 22.4 | 22.4 | 20.1 | 20.4 | 21.1 | 21.1 | 18.9 | 19.3 | 20.0 | 20.0 |
| | | S/T | 0.61 | 0.52 | 0.38 | 0.39 | 0.61 | 0.53 | 0.39 | 0.39 | 0.64 | 0.56 | 0.41 | 0.43 | 0.66 | 0.58 | 0.43 | 0.43 | 1.00 | 0.60 | 0.46 | 0.46 | 1.00 | 0.66 | 0.51 | 0.51 |
| | ΔT | 64 | 58 | 47 | 47 | 64 | 58 | 47 | 47 | 64 | 59 | 48 | 47 | 64 | 58 | 47 | 47 | 63 | 57 | 46 | 46 | 66 | 61 | 50 | 50 | |
| | kW | 1.46 | 1.45 | 1.45 | 1.45 | 1.62 | 1.62 | 1.62 | 1.62 | 1.81 | 1.80 | 1.80 | 1.80 | 2.01 | 2.00 | 2.00 | 2.00 | 2.23 | 2.23 | 2.23 | 2.23 | 2.49 | 2.49 | 2.49 | 2.49 | |
| | Amps | 5.4 | 5.4 | 5.4 | 5.4 | 6.2 | 6.2 | 6.2 | 6.2 | 7.0 | 7.0 | 7.0 | 7.0 | 7.9 | 7.9 | 7.9 | 7.9 | 9.0 | 9.0 | 9.0 | 9.0 | 10.2 | 10.2 | 10.2 | 10.2 | |
| | Hi PR | 242 | 243 | 245 | 245 | 280 | 281 | 283 | 283 | 321 | 322 | 323 | 323 | 364 | 365 | 367 | 367 | 410 | 411 | 413 | 413 | 460 | 461 | 463 | 463 | |
| | Lo PR | 123 | 124 | 127 | 127 | 130 | 132 | 135 | 135 | 137 | 138 | 142 | 142 | 142 | 144 | 147 | 147 | 148 | 149 | 153 | 153 | 155 | 156 | 159 | 159 | |
| | MBh | 23.5 | 23.9 | 24.6 | 24.6 | 23.3 | 23.7 | 24.4 | 24.4 | 22.7 | 23.0 | 23.7 | 23.7 | 21.7 | 22.0 | 22.7 | 22.7 | 20.4 | 20.7 | 21.4 | 21.4 | 19.2 | 19.5 | 20.2 | 20.2 | |
| | S/T | 0.68 | 0.60 | 0.45 | 0.46 | 0.69 | 0.61 | 0.46 | 0.46 | 0.71 | 0.63 | 0.49 | 0.49 | 1.00 | 0.65 | 0.51 | 0.51 | 1.00 | 0.68 | 0.53 | 0.53 | 1.00 | 0.73 | 0.59 | 0.59 | |
| | ΔT | 60 | 54 | 44 | 44 | 60 | 54 | 44 | 44 | 61 | 55 | 44 | 44 | 60 | 54 | 44 | 44 | 59 | 54 | 43 | 43 | 63 | 57 | 46 | 46 | |
| kW | 1.46 | 1.46 | 1.46 | 1.46 | 1.63 | 1.63 | 1.63 | 1.63 | 1.81 | 1.81 | 1.81 | 1.81 | 2.01 | 2.01 | 2.01 | 2.01 | 2.24 | 2.24 | 2.24 | 2.24 | 2.50 | 2.50 | 2.50 | 2.50 | | |
| Amps | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | 6.2 | 6.2 | 6.2 | 7.1 | 7.1 | 7.1 | 7.1 | 8.0 | 8.0 | 8.0 | 8.0 | 9.0 | 9.0 | 9.0 | 9.0 | 10.2 | 10.2 | 10.2 | 10.2 | | |
| Hi PR | 244 | 245 | 247 | 247 | 282 | 283 | 285 | 285 | 323 | 324 | 325 | 325 | 366 | 367 | 369 | 369 | 412 | 413 | 415 | 415 | 462 | 463 | 465 | 465 | | |
| Lo PR | 124 | 126 | 129 | 129 | 132 | 133 | 137 | 137 | 139 | 140 | 143 | 143 | 144 | 146 | 149 | 149 | 150 | 151 | 154 | 154 | 156 | 158 | 161 | 161 | | |
| MBh | 23.7 | 24.0 | 24.7 | 24.7 | 23.5 | 23.8 | 24.5 | 24.5 | 22.9 | 23.2 | 23.9 | 23.9 | 21.8 | 22.2 | 22.9 | 22.9 | 20.6 | 20.9 | 21.6 | 21.6 | 19.4 | 19.7 | 20.4 | 20.4 | | |
| S/T | 0.71 | 0.63 | 0.49 | 0.49 | 0.72 | 0.64 | 0.49 | 0.49 | 0.75 | 0.66 | 0.52 | 0.52 | 1.00 | 0.69 | 0.54 | 0.54 | 1.00 | 0.71 | 0.56 | 0.56 | 1.00 | 0.76 | 0.62 | 0.62 | | |
| ΔT | 58 | 53 | 42 | 42 | 58 | 53 | 42 | 42 | 59 | 53 | 43 | 43 | 58 | 52 | 42 | 42 | 57 | 52 | 41 | 41 | 61 | 55 | 45 | 45 | | |
| kW | 1.47 | 1.47 | 1.46 | 1.46 | 1.63 | 1.63 | 1.63 | 1.63 | 1.82 | 1.82 | 1.82 | 1.82 | 2.02 | 2.02 | 2.02 | 2.02 | 2.24 | 2.24 | 2.24 | 2.24 | 2.50 | 2.50 | 2.50 | 2.50 | | |
| Amps | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | 6.2 | 6.2 | 6.2 | 7.1 | 7.1 | 7.1 | 7.1 | 8.0 | 8.0 | 8.0 | 8.0 | 9.0 | 9.0 | 9.0 | 9.0 | 10.2 | 10.2 | 10.2 | 10.2 | | |
| Hi PR | 245 | 246 | 248 | 248 | 283 | 284 | 286 | 286 | 324 | 325 | 326 | 326 | 367 | 368 | 370 | 370 | 414 | 415 | 416 | 416 | 463 | 464 | 466 | 466 | | |
| Lo PR | 125 | 127 | 130 | 130 | 133 | 134 | 138 | 138 | 140 | 141 | 144 | 144 | 145 | 147 | 150 | 150 | 151 | 152 | 155 | 155 | 157 | 159 | 162 | 162 | | |
| 75 | 700 | 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 | 21.4 | 21.7 | 22.4 | 23.5 | 20.1 | 20.5 | 21.2 | 22.2 | 19.0 | 19.3 | 20.0 | 21.1 |
| | | S/T | 0.74 | 0.66 | 0.52 | 0.36 | 0.75 | 0.67 | 0.52 | 0.37 | 1.00 | 0.70 | 0.55 | 0.40 | 1.00 | 0.72 | 0.57 | 0.42 | 1.00 | 0.74 | 0.60 | 0.44 | 1.00 | 1.00 | 0.65 | 0.50 |
| | ΔT | 76 | 71 | 60 | 49 | 76 | 70 | 60 | 49 | 77 | 71 | 61 | 50 | 76 | 70 | 60 | 49 | 75 | 70 | 59 | 48 | 79 | 73 | 63 | 52 | |
| | kW | 1.45 | 1.45 | 1.45 | 1.46 | 1.62 | 1.62 | 1.62 | 1.63 | 1.80 | 1.80 | 1.80 | 1.81 | 2.00 | 2.00 | 2.00 | 2.01 | 2.23 | 2.23 | 2.22 | 2.24 | 2.49 | 2.49 | 2.49 | 2.50 | |
| | Amps | 5.4 | 5.4 | 5.4 | 5.5 | 6.2 | 6.2 | 6.2 | 6.2 | 7.0 | 7.0 | 7.0 | 7.1 | 7.9 | 7.9 | 7.9 | 8.0 | 9.0 | 9.0 | 9.0 | 9.0 | 10.2 | 10.2 | 10.1 | 10.2 | |
| | Hi PR | 242 | 243 | 245 | 249 | 281 | 282 | 283 | 288 | 321 | 322 | 323 | 328 | 364 | 365 | 367 | 371 | 411 | 412 | 413 | 418 | 460 | 461 | 463 | 467 | |
| | Lo PR | 123 | 124 | 127 | 133 | 130 | 132 | 135 | 140 | 137 | 138 | 142 | 147 | 142 | 144 | 147 | 152 | 148 | 149 | 153 | 158 | 155 | 156 | 159 | 165 | |
| | MBh | 23.5 | 23.9 | 24.6 | 25.6 | 23.3 | 23.7 | 24.4 | 25.4 | 22.7 | 23.1 | 23.8 | 24.8 | 21.7 | 22.0 | 22.7 | 23.8 | 20.4 | 20.7 | 21.4 | 22.5 | 19.2 | 19.5 | 20.2 | 21.3 | |
| | S/T | 0.82 | 0.74 | 0.59 | 0.44 | 0.83 | 0.74 | 0.60 | 0.45 | 1.00 | 0.77 | 0.63 | 0.47 | 1.00 | 0.79 | 0.65 | 0.49 | 1.00 | 0.82 | 0.67 | 0.52 | 1.00 | 1.00 | 0.73 | 0.57 | |
| | ΔT | 73 | 67 | 56 | 45 | 73 | 67 | 56 | 45 | 73 | 68 | 57 | 46 | 73 | 67 | 56 | 45 | 72 | 66 | 55 | 44 | 75 | 70 | 59 | 48 | |
| kW | 1.46 | 1.46 | 1.46 | 1.47 | 1.63 | 1.63 | 1.62 | 1.64 | 1.81 | 1.81 | 1.81 | 1.82 | 2.01 | 2.01 | 2.01 | 2.02 | 2.24 | 2.24 | 2.23 | 2.25 | 2.50 | 2.50 | 2.50 | 2.51 | | |
| Amps | 5.5 | 5.5 | 5.4 | 5.5 | 6.2 | 6.2 | 6.2 | 6.3 | 7.1 | 7.1 | 7.1 | 7.1 | 8.0 | 8.0 | 8.0 | 8.0 | 9.0 | 9.0 | 9.0 | 9.0 | 10.2 | 10.2 | 10.2 | 10.2 | | |
| Hi PR | 244 | 245 | 247 | 251 | 283 | 284 | 285 | 290 | 323 | 324 | 325 | 330 | 366 | 367 | 369 | 373 | 413 | 414 | 415 | 420 | 462 | 463 | 465 | 469 | | |
| Lo PR | 124 | 126 | 129 | 134 | 132 | 133 | 137 | 142 | 139 | 140 | 143 | 148 | 144 | 146 | 149 | 154 | 150 | 151 | 154 | 160 | 156 | 158 | 161 | 166 | | |
| MBh | 23.7 | 24.1 | 24.8 | 25.8 | 23.5 | 23.8 | 24.5 | 25.6 | 22.9 | 23.2 | 23.9 | 25.0 | 21.8 | 22.2 | 22.9 | 23.9 | 20.6 | 20.9 | 21.6 | 22.7 | 19.4 | 19.7 | 20.4 | 21.5 | | |
| S/T | 0.85 | 0.77 | 0.62 | 0.47 | 0.86 | 0.78 | 0.63 | 0.48 | 1.00 | 0.80 | 0.66 | 0.50 | 1.00 | 0.82 | 0.68 | 0.53 | 1.00 | 0.85 | 0.70 | 0.55 | 1.00 | 1.00 | 0.76 | 0.60 | | |
| ΔT | 71 | 65 | 55 | 44 | 71 | 65 | 54 | 43 | 72 | 66 | 55 | 44 | 71 | 65 | 54 | 43 | 70 | 64 | 54 | 43 | 74 | 68 | 57 | 46 | | |
| kW | 1.47 | 1.47 | 1.46 | 1.48 | 1.63 | 1.63 | 1.63 | 1.64 | 1.82 | 1.82 | 1.81 | 1.83 | 2.02 | 2.01 | 2.01 | 2.03 | 2.24 | 2.24 | 2.24 | 2.25 | 2.50 | 2.50 | 2.50 | 2.51 | | |
| Amps | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | 6.2 | 6.2 | 6.3 | 7.1 | 7.1 | 7.1 | 7.1 | 8.0 | 8.0 | 8.0 | 8.0 | 9.0 | 9.0 | 9.0 | 9.1 | 10.2 | 10.2 | 10.2 | 10.3 | | |
| Hi PR | 245 | 246 | 248 | 252 | 284 | 285 | 286 | 291 | 324 | 325 | 327 | 331 | 367 | 368 | 370 | 374 | 414 | 415 | 417 | 421 | 464 | 465 | 466 | 471 | | |
| Lo PR | 125 | 127 | 130 | 135 | 133 | 134 | 138 | 143 | 140 | 141 | 144 | 149 | 145 | 147 | 150 | 155 | 151 | 152 | 155 | 161 | 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 — GSZ140251A* - ARUF25B14*+TXV (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 | 23.4 | 23.7 | 24.4 | 25.5 | 23.2 | 23.5 | 24.2 | 25.3 | 22.6 | 22.9 | 23.6 | 24.7 | 21.5 | 21.9 | 22.6 | 23.6 | 20.2 | 20.6 | 21.3 | 22.3 | 19.1 | 19.4 | 20.1 | 21.2 |
| | S/T | 1.00 | 0.80 | 0.65 | 0.50 | 1.00 | 0.80 | 0.66 | 0.51 | 1.00 | 0.83 | 0.69 | 0.53 | 1.00 | 0.85 | 0.71 | 0.55 | 1.00 | 1.00 | 0.73 | 0.58 | 1.00 | 1.00 | 0.78 | 0.63 |
| | ΔT | 89 | 83 | 73 | 62 | 89 | 83 | 72 | 61 | 90 | 84 | 73 | 62 | 89 | 83 | 72 | 61 | 88 | 82 | 72 | 61 | 92 | 86 | 75 | 64 |
| | kW | 1.46 | 1.45 | 1.45 | 1.46 | 1.62 | 1.62 | 1.62 | 1.63 | 1.81 | 1.80 | 1.80 | 1.81 | 2.01 | 2.00 | 2.00 | 2.01 | 2.23 | 2.23 | 2.23 | 2.23 | 2.49 | 2.49 | 2.49 | 2.50 |
| | Amps | 5.4 | 5.4 | 5.4 | 5.5 | 6.2 | 6.2 | 6.2 | 6.2 | 7.0 | 7.0 | 7.0 | 7.1 | 7.9 | 7.9 | 7.9 | 8.0 | 9.0 | 9.0 | 9.0 | 9.0 | 10.2 | 10.2 | 10.2 | 10.2 |
| | Hi PR | 243 | 244 | 245 | 250 | 281 | 282 | 284 | 288 | 321 | 322 | 324 | 328 | 364 | 365 | 367 | 371 | 411 | 412 | 414 | 418 | 461 | 462 | 464 | 468 |
| | Lo PR | 123 | 125 | 128 | 133 | 131 | 132 | 136 | 141 | 137 | 139 | 142 | 147 | 143 | 145 | 148 | 153 | 148 | 150 | 153 | 158 | 155 | 157 | 160 | 165 |
| | MBh | 23.7 | 24.0 | 24.7 | 25.8 | 23.5 | 23.8 | 24.5 | 25.6 | 22.8 | 23.2 | 23.9 | 24.9 | 21.8 | 22.1 | 22.8 | 23.9 | 20.5 | 20.8 | 21.5 | 22.6 | 19.3 | 19.7 | 20.4 | 21.4 |
| | S/T | 1.00 | 0.87 | 0.73 | 0.57 | 1.00 | 0.88 | 0.73 | 0.58 | 1.00 | 0.91 | 0.76 | 0.61 | 1.00 | 1.00 | 0.78 | 0.63 | 1.00 | 1.00 | 0.80 | 0.65 | 1.00 | 1.00 | 0.86 | 0.71 |
| | ΔT | 85 | 80 | 69 | 58 | 85 | 80 | 69 | 58 | 86 | 80 | 70 | 59 | 85 | 80 | 69 | 58 | 84 | 79 | 68 | 57 | 88 | 82 | 72 | 61 |
| kW | 1.46 | 1.46 | 1.46 | 1.47 | 1.63 | 1.63 | 1.63 | 1.64 | 1.81 | 1.81 | 1.81 | 1.82 | 2.01 | 2.01 | 2.01 | 2.02 | 2.24 | 2.24 | 2.23 | 2.23 | 2.50 | 2.50 | 2.50 | 2.51 | |
| Amps | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | 6.2 | 6.2 | 6.3 | 7.1 | 7.1 | 7.1 | 7.1 | 8.0 | 8.0 | 8.0 | 8.0 | 9.0 | 9.0 | 9.0 | 9.1 | 10.2 | 10.2 | 10.2 | 10.3 | |
| Hi PR | 245 | 246 | 247 | 252 | 283 | 284 | 286 | 290 | 323 | 324 | 326 | 330 | 366 | 367 | 369 | 373 | 413 | 414 | 416 | 420 | 463 | 464 | 466 | 470 | |
| Lo PR | 125 | 127 | 130 | 135 | 133 | 134 | 137 | 142 | 139 | 141 | 144 | 149 | 145 | 146 | 149 | 155 | 150 | 152 | 155 | 160 | 157 | 158 | 162 | 167 | |
| MBh | 23.8 | 24.2 | 24.9 | 25.9 | 23.6 | 24.0 | 24.7 | 25.7 | 23.0 | 23.4 | 24.1 | 25.1 | 22.0 | 22.3 | 23.0 | 24.1 | 20.7 | 21.0 | 21.7 | 22.8 | 19.5 | 19.8 | 20.5 | 21.6 | |
| S/T | 1.00 | 0.90 | 0.76 | 0.61 | 1.00 | 0.91 | 0.76 | 0.61 | 1.00 | 0.94 | 0.79 | 0.64 | 1.00 | 1.00 | 0.81 | 0.66 | 1.00 | 1.00 | 0.84 | 0.68 | 1.00 | 1.00 | 0.89 | 0.74 | |
| ΔT | 84 | 78 | 67 | 56 | 84 | 78 | 67 | 56 | 84 | 79 | 68 | 57 | 83 | 78 | 67 | 56 | 83 | 77 | 66 | 55 | 86 | 81 | 70 | 59 | |
| kW | 1.47 | 1.47 | 1.46 | 1.48 | 1.63 | 1.63 | 1.63 | 1.64 | 1.82 | 1.82 | 1.81 | 1.83 | 2.02 | 2.02 | 2.02 | 2.03 | 2.24 | 2.24 | 2.24 | 2.24 | 2.50 | 2.50 | 2.50 | 2.51 | |
| Amps | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | 6.2 | 6.2 | 6.3 | 7.1 | 7.1 | 7.1 | 7.1 | 8.0 | 8.0 | 8.0 | 8.0 | 9.0 | 9.0 | 9.0 | 9.1 | 10.2 | 10.2 | 10.2 | 10.3 | |
| Hi PR | 246 | 247 | 249 | 253 | 284 | 285 | 287 | 291 | 324 | 325 | 327 | 331 | 368 | 369 | 370 | 375 | 414 | 415 | 417 | 421 | 464 | 465 | 467 | 471 | |
| Lo PR | 126 | 128 | 131 | 136 | 134 | 135 | 138 | 143 | 140 | 142 | 145 | 150 | 146 | 147 | 150 | 156 | 151 | 153 | 156 | 161 | 158 | 159 | 163 | 168 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85 | 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 | 21.9 | 22.3 | 23.0 | 24.0 | 20.6 | 21.0 | 21.7 | 22.7 | 19.5 | 19.8 | 20.5 | 21.6 |
| | S/T | 1.00 | 0.91 | 0.76 | 0.61 | 1.00 | 0.91 | 0.77 | 0.61 | 1.00 | 1.00 | 0.79 | 0.64 | 1.00 | 1.00 | 0.81 | 0.66 | 1.00 | 1.00 | 0.84 | 0.69 | 1.00 | 1.00 | 0.89 | 0.74 |
| | ΔT | 100 | 95 | 84 | 73 | 100 | 94 | 84 | 73 | 101 | 95 | 85 | 73 | 100 | 94 | 84 | 73 | 99 | 94 | 83 | 72 | 103 | 97 | 86 | 75 |
| | kW | 1.46 | 1.46 | 1.45 | 1.47 | 1.62 | 1.62 | 1.62 | 1.63 | 1.81 | 1.81 | 1.80 | 1.82 | 2.01 | 2.01 | 2.00 | 2.02 | 2.23 | 2.23 | 2.23 | 2.24 | 2.49 | 2.49 | 2.49 | 2.50 |
| | Amps | 5.4 | 5.4 | 5.4 | 5.5 | 6.2 | 6.2 | 6.2 | 6.2 | 7.0 | 7.0 | 7.0 | 7.1 | 8.0 | 8.0 | 7.9 | 8.0 | 9.0 | 9.0 | 9.0 | 9.0 | 10.2 | 10.2 | 10.2 | 10.2 |
| | Hi PR | 244 | 245 | 247 | 251 | 282 | 283 | 285 | 289 | 322 | 323 | 325 | 329 | 366 | 367 | 368 | 373 | 412 | 413 | 415 | 419 | 462 | 463 | 465 | 469 |
| | Lo PR | 125 | 127 | 130 | 135 | 133 | 134 | 137 | 143 | 139 | 141 | 144 | 149 | 145 | 146 | 150 | 155 | 150 | 152 | 155 | 160 | 157 | 159 | 162 | 167 |
| | MBh | 24.1 | 24.4 | 25.1 | 26.2 | 23.9 | 24.2 | 24.9 | 26.0 | 23.2 | 23.6 | 24.3 | 25.3 | 22.2 | 22.5 | 23.2 | 24.3 | 20.9 | 21.2 | 21.9 | 23.0 | 19.7 | 20.1 | 20.8 | 21.8 |
| | S/T | 1.00 | 0.98 | 0.84 | 0.68 | 1.00 | 1.00 | 0.84 | 0.69 | 1.00 | 1.00 | 0.87 | 0.72 | 1.00 | 1.00 | 0.89 | 0.74 | 1.00 | 1.00 | 0.91 | 0.76 | 1.00 | 1.00 | 1.00 | 0.82 |
| | ΔT | 97 | 91 | 80 | 69 | 97 | 91 | 80 | 69 | 97 | 92 | 81 | 70 | 96 | 91 | 80 | 69 | 96 | 90 | 79 | 68 | 99 | 94 | 83 | 72 |
| kW | 1.47 | 1.47 | 1.46 | 1.48 | 1.63 | 1.63 | 1.63 | 1.64 | 1.82 | 1.82 | 1.81 | 1.83 | 2.02 | 2.02 | 2.01 | 2.03 | 2.24 | 2.24 | 2.24 | 2.25 | 2.50 | 2.50 | 2.50 | 2.51 | |
| Amps | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | 6.2 | 6.2 | 6.3 | 7.1 | 7.1 | 7.1 | 7.1 | 8.0 | 8.0 | 8.0 | 8.0 | 9.0 | 9.0 | 9.0 | 9.1 | 10.2 | 10.2 | 10.2 | 10.3 | |
| Hi PR | 246 | 247 | 249 | 253 | 284 | 285 | 287 | 291 | 324 | 325 | 327 | 331 | 368 | 369 | 370 | 375 | 414 | 415 | 417 | 421 | 464 | 465 | 467 | 471 | |
| Lo PR | 127 | 128 | 132 | 137 | 134 | 136 | 139 | 144 | 141 | 142 | 146 | 151 | 147 | 148 | 151 | 156 | 152 | 153 | 157 | 162 | 159 | 160 | 163 | 169 | |
| MBh | 24.2 | 24.6 | 25.3 | 26.3 | 24.0 | 24.4 | 25.1 | 26.1 | 23.4 | 23.7 | 24.4 | 25.5 | 22.4 | 22.7 | 23.4 | 24.5 | 21.1 | 21.4 | 22.1 | 23.2 | 19.9 | 20.2 | 20.9 | 22.0 | |
| S/T | 1.00 | 1.00 | 0.87 | 0.71 | 1.00 | 1.00 | 0.87 | 0.72 | 1.00 | 1.00 | 0.90 | 0.75 | 1.00 | 1.00 | 0.92 | 0.77 | 1.00 | 1.00 | 0.94 | 0.79 | 1.00 | 1.00 | 1.00 | 0.85 | |
| ΔT | 95 | 89 | 78 | 67 | 95 | 89 | 78 | 67 | 96 | 90 | 79 | 68 | 95 | 89 | 78 | 67 | 94 | 88 | 78 | 66 | 98 | 92 | 81 | 70 | |
| kW | 1.47 | 1.47 | 1.47 | 1.48 | 1.64 | 1.64 | 1.63 | 1.65 | 1.82 | 1.82 | 1.82 | 1.83 | 2.02 | 2.02 | 2.02 | 2.03 | 2.25 | 2.24 | 2.24 | 2.25 | 2.51 | 2.51 | 2.50 | 2.52 | |
| Amps | 5.5 | 5.5 | 5.5 | 5.5 | 6.3 | 6.3 | 6.2 | 6.3 | 7.1 | 7.1 | 7.1 | 7.1 | 8.0 | 8.0 | 8.0 | 8.1 | 9.0 | 9.0 | 9.0 | 9.1 | 10.2 | 10.2 | 10.2 | 10.3 | |
| Hi PR | 247 | 248 | 250 | 254 | 285 | 286 | 288 | 292 | 325 | 326 | 328 | 332 | 369 | 370 | 371 | 376 | 415 | 416 | 418 | 422 | 465 | 466 | 468 | 472 | |
| Lo PR | 128 | 129 | 133 | 138 | 135 | 137 | 140 | 145 | 142 | 143 | 147 | 152 | 148 | 149 | 152 | 157 | 153 | 155 | 158 | 163 | 160 | 161 | 164 | 170 | |

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)

| 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 | 28.4 | 28.8 | 29.7 | - | 28.2 | 28.6 | 29.4 | - | 27.5 | 27.9 | 28.7 | - | 26.2 | 26.6 | 27.4 | - | 24.7 | 25.1 | 25.9 | - | 23.3 | 23.6 | 24.5 | - |
| | 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 | - | 0.72 | 0.65 | 0.51 | - | 1.00 | 0.70 | 0.56 | - |
| | ΔT | 19 | 17 | 13 | - | 19 | 17 | 13 | - | 19 | 17 | 14 | - | 19 | 17 | 13 | - | 18 | 17 | 13 | - | 20 | 18 | 14 | - |
| | kW | 1.69 | 1.69 | 1.68 | - | 1.89 | 1.89 | 1.89 | - | 2.12 | 2.11 | 2.11 | - | 2.36 | 2.36 | 2.35 | - | 2.63 | 2.63 | 2.63 | - | 2.95 | 2.95 | 2.95 | - |
| | Amps | 6.5 | 6.5 | 6.5 | - | 7.5 | 7.5 | 7.4 | - | 8.5 | 8.5 | 8.5 | - | 9.6 | 9.6 | 9.6 | - | 10.9 | 10.9 | 10.8 | - | 12.3 | 12.3 | 12.3 | - |
| | HI PR | 250 | 251 | 253 | - | 289 | 290 | 292 | - | 330 | 331 | 333 | - | 374 | 375 | 377 | - | 422 | 423 | 425 | - | 473 | 474 | 475 | - |
| | LO PR | 118 | 120 | 123 | - | 125 | 127 | 130 | - | 131 | 133 | 136 | - | 137 | 138 | 141 | - | 142 | 143 | 146 | - | 148 | 150 | 153 | - |
| | MBh | 29.0 | 29.4 | 30.2 | - | 28.7 | 29.1 | 30.0 | - | 28.0 | 28.4 | 29.2 | - | 26.7 | 27.1 | 28.0 | - | 25.2 | 25.6 | 26.4 | - | 23.8 | 24.2 | 25.0 | - |
| | S/T | 0.69 | 0.61 | 0.48 | - | 0.69 | 0.62 | 0.49 | - | 0.72 | 0.64 | 0.51 | - | 0.74 | 0.66 | 0.53 | - | 1.00 | 0.68 | 0.55 | - | 1.00 | 0.73 | 0.60 | - |
| | ΔT | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 17 | 15 | 12 | - | 18 | 17 | 13 | - |
| kW | 1.70 | 1.70 | 1.69 | - | 1.90 | 1.90 | 1.90 | - | 2.13 | 2.12 | 2.12 | - | 2.37 | 2.37 | 2.36 | - | 2.64 | 2.64 | 2.64 | - | 2.96 | 2.96 | 2.96 | - | |
| Amps | 6.6 | 6.6 | 6.6 | - | 7.5 | 7.5 | 7.5 | - | 8.5 | 8.5 | 8.5 | - | 9.7 | 9.7 | 9.6 | - | 10.9 | 10.9 | 10.9 | - | 12.4 | 12.4 | 12.4 | - | |
| HI PR | 252 | 254 | 255 | - | 292 | 293 | 294 | - | 333 | 334 | 335 | - | 377 | 378 | 380 | - | 424 | 425 | 427 | - | 475 | 476 | 478 | - | |
| LO PR | 120 | 122 | 125 | - | 128 | 129 | 132 | - | 134 | 135 | 138 | - | 139 | 140 | 143 | - | 144 | 146 | 149 | - | 151 | 152 | 155 | - | |
| MBh | 29.6 | 30.0 | 30.9 | - | 29.4 | 29.8 | 30.6 | - | 28.6 | 29.0 | 29.9 | - | 27.4 | 27.8 | 28.6 | - | 25.8 | 26.2 | 27.1 | - | 24.4 | 24.8 | 25.7 | - | |
| S/T | 0.69 | 0.62 | 0.49 | - | 0.70 | 0.62 | 0.49 | - | 0.72 | 0.65 | 0.52 | - | 0.74 | 0.67 | 0.54 | - | 1.00 | 0.69 | 0.56 | - | 1.00 | 0.74 | 0.61 | - | |
| ΔT | 17 | 15 | 11 | - | 17 | 15 | 11 | - | 17 | 15 | 12 | - | 17 | 15 | 11 | - | 16 | 15 | 11 | - | 17 | 16 | 12 | - | |
| kW | 1.71 | 1.71 | 1.70 | - | 1.91 | 1.91 | 1.90 | - | 2.13 | 2.13 | 2.13 | - | 2.38 | 2.38 | 2.37 | - | 2.65 | 2.65 | 2.65 | - | 2.97 | 2.97 | 2.97 | - | |
| Amps | 6.6 | 6.6 | 6.6 | - | 7.6 | 7.6 | 7.5 | - | 8.6 | 8.6 | 8.6 | - | 9.7 | 9.7 | 9.7 | - | 11.0 | 10.9 | 10.9 | - | 12.4 | 12.4 | 12.4 | - | |
| HI PR | 255 | 256 | 258 | - | 294 | 295 | 297 | - | 335 | 336 | 338 | - | 379 | 380 | 382 | - | 427 | 428 | 430 | - | 478 | 479 | 480 | - | |
| LO PR | 123 | 124 | 127 | - | 130 | 132 | 134 | - | 136 | 138 | 141 | - | 142 | 143 | 146 | - | 147 | 148 | 151 | - | 153 | 155 | 158 | - | |
| 75 | MBh | 28.5 | 28.9 | 29.7 | 31.0 | 28.2 | 28.6 | 29.4 | 30.7 | 27.5 | 27.9 | 28.7 | 30.0 | 26.2 | 26.6 | 27.5 | 28.7 | 24.7 | 25.1 | 25.9 | 27.2 | 23.3 | 23.7 | 24.5 | 25.8 |
| | S/T | 0.77 | 0.70 | 0.57 | 0.43 | 0.78 | 0.71 | 0.57 | 0.44 | 0.81 | 0.73 | 0.60 | 0.46 | 1.00 | 0.75 | 0.62 | 0.48 | 1.00 | 0.77 | 0.64 | 0.50 | 1.00 | 0.82 | 0.69 | 0.55 |
| | ΔT | 23 | 21 | 17 | 14 | 23 | 21 | 17 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 17 | 14 | 22 | 21 | 17 | 14 | 24 | 22 | 18 | 15 |
| | kW | 1.69 | 1.69 | 1.68 | 1.70 | 1.89 | 1.89 | 1.88 | 1.90 | 2.11 | 2.11 | 2.11 | 2.12 | 2.36 | 2.36 | 2.35 | 2.37 | 2.63 | 2.63 | 2.63 | 2.64 | 2.95 | 2.95 | 2.95 | 2.96 |
| | Amps | 6.5 | 6.5 | 6.5 | 6.6 | 7.5 | 7.5 | 7.4 | 7.5 | 8.5 | 8.5 | 8.5 | 8.5 | 9.6 | 9.6 | 9.6 | 9.7 | 10.9 | 10.9 | 10.8 | 10.9 | 12.3 | 12.3 | 12.3 | 12.4 |
| | HI PR | 250 | 251 | 253 | 257 | 289 | 290 | 292 | 297 | 330 | 331 | 333 | 337 | 374 | 376 | 377 | 382 | 422 | 423 | 425 | 429 | 473 | 474 | 476 | 480 |
| | LO PR | 118 | 120 | 123 | 128 | 125 | 127 | 130 | 135 | 131 | 133 | 136 | 141 | 137 | 138 | 141 | 146 | 142 | 143 | 146 | 151 | 148 | 150 | 153 | 158 |
| | MBh | 29.0 | 29.4 | 30.2 | 31.5 | 28.8 | 29.1 | 30.0 | 31.3 | 28.0 | 28.4 | 29.3 | 30.5 | 26.8 | 27.2 | 28.0 | 29.3 | 25.2 | 25.6 | 26.5 | 27.7 | 23.8 | 24.2 | 25.0 | 26.3 |
| | S/T | 0.81 | 0.74 | 0.61 | 0.47 | 0.82 | 0.74 | 0.61 | 0.47 | 1.00 | 0.77 | 0.64 | 0.50 | 1.00 | 0.79 | 0.65 | 0.52 | 1.00 | 0.81 | 0.68 | 0.54 | 1.00 | 0.86 | 0.73 | 0.59 |
| | ΔT | 22 | 20 | 16 | 13 | 22 | 20 | 16 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 16 | 13 | 21 | 19 | 16 | 13 | 22 | 21 | 17 | 14 |
| kW | 1.70 | 1.70 | 1.69 | 1.71 | 1.90 | 1.90 | 1.89 | 1.91 | 2.12 | 2.12 | 2.12 | 2.14 | 2.37 | 2.37 | 2.36 | 2.38 | 2.64 | 2.64 | 2.64 | 2.65 | 2.96 | 2.96 | 2.96 | 2.97 | |
| Amps | 6.6 | 6.6 | 6.6 | 6.6 | 7.5 | 7.5 | 7.5 | 7.6 | 8.5 | 8.5 | 8.5 | 8.6 | 9.7 | 9.7 | 9.6 | 9.7 | 10.9 | 10.9 | 10.9 | 11.0 | 12.4 | 12.4 | 12.3 | 12.4 | |
| HI PR | 253 | 254 | 256 | 260 | 292 | 293 | 295 | 299 | 333 | 334 | 336 | 340 | 377 | 378 | 380 | 384 | 425 | 426 | 427 | 432 | 475 | 476 | 478 | 482 | |
| LO PR | 120 | 122 | 125 | 130 | 128 | 129 | 132 | 137 | 134 | 135 | 138 | 143 | 139 | 140 | 143 | 148 | 144 | 146 | 149 | 153 | 151 | 152 | 155 | 160 | |
| MBh | 29.6 | 30.0 | 30.9 | 32.2 | 29.4 | 29.8 | 30.6 | 31.9 | 28.7 | 29.1 | 29.9 | 31.2 | 27.4 | 27.8 | 28.6 | 29.9 | 25.9 | 26.3 | 27.1 | 28.4 | 24.5 | 24.8 | 25.7 | 27.0 | |
| S/T | 0.82 | 0.74 | 0.61 | 0.47 | 0.82 | 0.75 | 0.62 | 0.48 | 1.00 | 0.77 | 0.64 | 0.50 | 1.00 | 0.79 | 0.66 | 0.52 | 1.00 | 0.81 | 0.68 | 0.54 | 1.00 | 0.86 | 0.73 | 0.59 | |
| ΔT | 21 | 19 | 15 | 12 | 21 | 19 | 15 | 12 | 21 | 19 | 16 | 12 | 21 | 19 | 15 | 12 | 20 | 19 | 15 | 12 | 22 | 20 | 16 | 13 | |
| kW | 1.71 | 1.70 | 1.70 | 1.72 | 1.91 | 1.91 | 1.90 | 1.92 | 2.13 | 2.13 | 2.13 | 2.14 | 2.38 | 2.38 | 2.37 | 2.39 | 2.65 | 2.65 | 2.64 | 2.66 | 2.97 | 2.97 | 2.96 | 2.98 | |
| Amps | 6.6 | 6.6 | 6.6 | 6.7 | 7.6 | 7.5 | 7.5 | 7.6 | 8.6 | 8.6 | 8.6 | 8.6 | 9.7 | 9.7 | 9.7 | 9.7 | 10.9 | 10.9 | 10.9 | 11.0 | 12.4 | 12.4 | 12.4 | 12.5 | |
| HI PR | 255 | 256 | 258 | 262 | 294 | 295 | 297 | 301 | 335 | 336 | 338 | 342 | 379 | 380 | 382 | 387 | 427 | 428 | 430 | 434 | 478 | 479 | 481 | 485 | |
| LO PR | 123 | 124 | 127 | 132 | 130 | 132 | 135 | 139 | 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 — GSZ140301K* + ARUF29B14** + TXV (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 | 28.6 | 29.0 | 29.8 | 31.1 | 28.4 | 28.8 | 29.6 | 30.9 | 27.6 | 28.0 | 28.9 | 30.1 | 26.4 | 26.8 | 27.6 | 28.9 | 24.8 | 25.2 | 26.1 | 27.3 | 23.4 | 23.8 | 24.7 | 25.9 |
| | 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 | 0.89 | 0.76 | 0.62 | 1.00 | 1.00 | 0.81 | 0.67 |
| | ΔT | 27 | 25 | 22 | 18 | 27 | 25 | 21 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | 21 | 18 | 26 | 25 | 21 | 18 | 28 | 26 | 22 | 19 |
| | kW | 1.69 | 1.69 | 1.68 | 1.70 | 1.89 | 1.89 | 1.88 | 1.90 | 2.12 | 2.11 | 2.11 | 2.13 | 2.36 | 2.36 | 2.35 | 2.37 | 2.63 | 2.63 | 2.63 | 2.64 | 2.95 | 2.95 | 2.95 | 2.96 |
| | Amps | 6.5 | 6.5 | 6.5 | 6.6 | 7.5 | 7.5 | 7.4 | 7.5 | 8.5 | 8.5 | 8.5 | 8.5 | 9.6 | 9.6 | 9.6 | 9.7 | 10.9 | 10.9 | 10.8 | 10.9 | 12.3 | 12.3 | 12.3 | 12.4 |
| | HI/PR | 251 | 252 | 254 | 258 | 290 | 291 | 293 | 297 | 331 | 332 | 334 | 338 | 375 | 376 | 378 | 382 | 423 | 424 | 425 | 430 | 473 | 474 | 476 | 480 |
| LO/PR | 119 | 120 | 123 | 128 | 126 | 127 | 130 | 135 | 132 | 133 | 136 | 141 | 137 | 139 | 142 | 147 | 142 | 144 | 147 | 152 | 149 | 150 | 153 | 158 | |
| 80 | MBh | 29.2 | 29.5 | 30.4 | 31.7 | 28.9 | 29.3 | 30.1 | 31.4 | 28.2 | 28.6 | 29.4 | 30.7 | 26.9 | 27.3 | 28.1 | 29.4 | 25.4 | 25.8 | 26.6 | 27.9 | 24.0 | 24.4 | 25.2 | 26.5 |
| | S/T | 0.93 | 0.86 | 0.73 | 0.59 | 1.00 | 0.87 | 0.73 | 0.59 | 1.00 | 0.89 | 0.76 | 0.62 | 1.00 | 0.91 | 0.78 | 0.64 | 1.00 | 1.00 | 0.80 | 0.66 | 1.00 | 1.00 | 0.85 | 0.71 |
| | ΔT | 26 | 24 | 20 | 17 | 26 | 24 | 20 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 20 | 17 | 25 | 24 | 20 | 17 | 27 | 25 | 21 | 18 |
| | kW | 1.70 | 1.70 | 1.69 | 1.71 | 1.90 | 1.90 | 1.90 | 1.91 | 2.13 | 2.12 | 2.12 | 2.14 | 2.37 | 2.37 | 2.36 | 2.38 | 2.64 | 2.64 | 2.64 | 2.65 | 2.96 | 2.96 | 2.96 | 2.97 |
| | Amps | 6.6 | 6.6 | 6.6 | 6.6 | 7.5 | 7.5 | 7.5 | 7.6 | 8.5 | 8.5 | 8.5 | 8.6 | 9.7 | 9.7 | 9.6 | 9.7 | 10.9 | 10.9 | 10.9 | 11.0 | 12.4 | 12.4 | 12.4 | 12.4 |
| | HI/PR | 253 | 254 | 256 | 260 | 292 | 293 | 295 | 299 | 333 | 334 | 336 | 340 | 377 | 378 | 380 | 385 | 425 | 426 | 428 | 432 | 476 | 477 | 479 | 483 |
| LO/PR | 121 | 122 | 125 | 130 | 128 | 129 | 132 | 137 | 134 | 136 | 139 | 144 | 139 | 141 | 144 | 149 | 145 | 146 | 149 | 154 | 151 | 153 | 155 | 160 | |
| 1125 | MBh | 29.8 | 30.2 | 31.0 | 32.3 | 29.5 | 29.9 | 30.8 | 32.1 | 28.8 | 29.2 | 30.0 | 31.3 | 27.5 | 27.9 | 28.8 | 30.1 | 26.0 | 26.4 | 27.2 | 28.5 | 24.6 | 25.0 | 25.8 | 27.1 |
| | S/T | 1.00 | 0.87 | 0.73 | 0.59 | 1.00 | 0.87 | 0.74 | 0.60 | 1.00 | 0.90 | 0.76 | 0.63 | 1.00 | 0.92 | 0.78 | 0.64 | 1.00 | 1.00 | 0.80 | 0.67 | 1.00 | 1.00 | 0.86 | 0.72 |
| | ΔT | 25 | 23 | 19 | 16 | 25 | 23 | 19 | 16 | 25 | 23 | 20 | 16 | 25 | 23 | 19 | 16 | 24 | 23 | 19 | 16 | 26 | 24 | 20 | 17 |
| | kW | 1.71 | 1.71 | 1.70 | 1.72 | 1.91 | 1.91 | 1.90 | 1.92 | 2.13 | 2.13 | 2.13 | 2.14 | 2.38 | 2.38 | 2.37 | 2.39 | 2.65 | 2.65 | 2.65 | 2.66 | 2.97 | 2.97 | 2.97 | 2.98 |
| | Amps | 6.6 | 6.6 | 6.6 | 6.7 | 7.6 | 7.5 | 7.5 | 7.6 | 8.6 | 8.6 | 8.6 | 8.6 | 9.7 | 9.7 | 9.7 | 9.8 | 11.0 | 10.9 | 10.9 | 11.0 | 12.4 | 12.4 | 12.4 | 12.5 |
| | HI/PR | 256 | 257 | 258 | 263 | 295 | 296 | 298 | 302 | 336 | 337 | 339 | 343 | 380 | 381 | 383 | 387 | 427 | 428 | 430 | 435 | 478 | 479 | 481 | 485 |
| LO/PR | 124 | 125 | 128 | 133 | 131 | 132 | 135 | 140 | 137 | 138 | 141 | 146 | 142 | 144 | 146 | 151 | 147 | 149 | 152 | 157 | 154 | 155 | 158 | 163 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 870 | MBh | 29.1 | 29.5 | 30.3 | 31.6 | 28.8 | 29.2 | 30.1 | 31.3 | 28.1 | 28.5 | 29.3 | 30.6 | 26.8 | 27.2 | 28.1 | 29.4 | 25.3 | 25.7 | 26.5 | 27.8 | 23.9 | 24.3 | 25.1 | 26.4 |
| | S/T | 1.00 | 0.92 | 0.79 | 0.65 | 1.00 | 0.93 | 0.80 | 0.66 | 1.00 | 0.95 | 0.82 | 0.68 | 1.00 | 1.00 | 0.84 | 0.70 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 0.91 | 0.77 |
| | ΔT | 30 | 29 | 25 | 22 | 30 | 28 | 25 | 22 | 31 | 29 | 25 | 22 | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 21 | 31 | 29 | 26 | 22 |
| | kW | 1.69 | 1.69 | 1.69 | 1.70 | 1.89 | 1.89 | 1.89 | 1.90 | 2.12 | 2.12 | 2.11 | 2.13 | 2.36 | 2.36 | 2.36 | 2.37 | 2.64 | 2.63 | 2.63 | 2.65 | 2.96 | 2.95 | 2.95 | 2.97 |
| | Amps | 6.6 | 6.6 | 6.5 | 6.6 | 7.5 | 7.5 | 7.5 | 7.5 | 8.5 | 8.5 | 8.5 | 8.6 | 9.6 | 9.6 | 9.6 | 9.7 | 10.9 | 10.9 | 10.9 | 10.9 | 12.3 | 12.3 | 12.3 | 12.4 |
| | HI/PR | 252 | 253 | 255 | 259 | 291 | 292 | 294 | 298 | 332 | 333 | 335 | 339 | 376 | 377 | 379 | 383 | 424 | 425 | 427 | 431 | 474 | 476 | 477 | 482 |
| LO/PR | 120 | 122 | 125 | 130 | 127 | 129 | 132 | 137 | 134 | 135 | 138 | 143 | 139 | 140 | 143 | 148 | 144 | 146 | 148 | 153 | 151 | 152 | 155 | 160 | |
| 1000 | MBh | 29.6 | 30.0 | 30.9 | 32.1 | 29.4 | 29.8 | 30.6 | 31.9 | 28.6 | 29.0 | 29.9 | 31.2 | 27.4 | 27.8 | 28.6 | 29.9 | 25.8 | 26.2 | 27.1 | 28.4 | 24.4 | 24.8 | 25.7 | 26.9 |
| | S/T | 1.00 | 0.96 | 0.83 | 0.69 | 1.00 | 0.96 | 0.83 | 0.69 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 0.88 | 0.74 | 1.00 | 1.00 | 0.90 | 0.76 | 1.00 | 1.00 | 0.95 | 0.81 |
| | ΔT | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 28 | 24 | 21 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 30 | 28 | 25 | 21 |
| | kW | 1.70 | 1.70 | 1.70 | 1.71 | 1.90 | 1.90 | 1.90 | 1.91 | 2.13 | 2.13 | 2.12 | 2.14 | 2.37 | 2.37 | 2.37 | 2.38 | 2.65 | 2.64 | 2.64 | 2.66 | 2.97 | 2.96 | 2.96 | 2.98 |
| | Amps | 6.6 | 6.6 | 6.6 | 6.7 | 7.5 | 7.5 | 7.5 | 7.6 | 8.6 | 8.6 | 8.5 | 8.6 | 9.7 | 9.7 | 9.7 | 9.7 | 10.9 | 10.9 | 10.9 | 11.0 | 12.4 | 12.4 | 12.4 | 12.4 |
| | HI/PR | 254 | 255 | 257 | 261 | 293 | 295 | 296 | 301 | 334 | 335 | 337 | 342 | 379 | 380 | 381 | 386 | 426 | 427 | 429 | 433 | 477 | 478 | 480 | 484 |
| LO/PR | 123 | 124 | 127 | 132 | 130 | 131 | 134 | 139 | 136 | 137 | 140 | 145 | 141 | 143 | 146 | 151 | 146 | 148 | 151 | 156 | 153 | 154 | 157 | 162 | |
| 1125 | MBh | 30.3 | 30.7 | 31.5 | 32.8 | 30.0 | 30.4 | 31.2 | 32.5 | 29.3 | 29.7 | 30.5 | 31.8 | 28.0 | 28.4 | 29.3 | 30.5 | 26.5 | 26.9 | 27.7 | 29.0 | 25.1 | 25.5 | 26.3 | 27.6 |
| | S/T | 1.00 | 0.96 | 0.83 | 0.69 | 1.00 | 0.97 | 0.84 | 0.70 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 0.88 | 0.74 | 1.00 | 1.00 | 0.90 | 0.76 | 1.00 | 1.00 | 1.00 | 0.81 |
| | ΔT | 28 | 27 | 23 | 20 | 28 | 26 | 23 | 19 | 29 | 27 | 23 | 20 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 29 | 27 | 24 | 20 |
| | kW | 1.71 | 1.71 | 1.71 | 1.72 | 1.91 | 1.91 | 1.91 | 1.92 | 2.14 | 2.14 | 2.13 | 2.15 | 2.38 | 2.38 | 2.38 | 2.39 | 2.65 | 2.65 | 2.65 | 2.67 | 2.97 | 2.97 | 2.97 | 2.98 |
| | Amps | 6.7 | 6.6 | 6.6 | 6.7 | 7.6 | 7.6 | 7.6 | 7.6 | 8.6 | 8.6 | 8.6 | 8.7 | 9.7 | 9.7 | 9.7 | 9.8 | 11.0 | 11.0 | 10.9 | 11.0 | 12.4 | 12.4 | 12.4 | 12.5 |
| | HI/PR | 257 | 258 | 260 | 264 | 296 | 297 | 299 | 303 | 337 | 338 | 340 | 344 | 381 | 382 | 384 | 388 | 429 | 430 | 431 | 436 | 479 | 480 | 482 | 486 |
| LO/PR | 125 | 127 | 130 | 135 | 132 | 134 | 137 | 142 | 139 | 140 | 143 | 148 | 144 | 145 | 148 | 153 | 149 | 150 | 153 | 158 | 155 | 157 | 160 | 165 | |

Shaded area reflects AHRI Rating Conditions.

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

kW = Total system power
Amps = Outdoor unit amps (compressor + fan)

| IDB | | 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 | 870 | MBh | 28.9 | 29.3 | 30.1 | - | 28.6 | 29.0 | 29.9 | - | 27.9 | 28.3 | 29.1 | - | 26.6 | 27.0 | 27.8 | - | 25.0 | 25.4 | 26.3 | - | 23.6 | 24.0 | 24.8 | - |
| | | S/T | 0.65 | 0.57 | 0.44 | - | 0.65 | 0.58 | 0.45 | - | 0.68 | 0.60 | 0.47 | - | 0.70 | 0.62 | 0.49 | - | 0.72 | 0.65 | 0.51 | - | 1.00 | 0.70 | 0.56 | - |
| | | ΔT | 19.01 | 17.15 | 13.67 | - | 18.96 | 17.10 | 13.62 | - | 19.22 | 17.36 | 13.88 | - | 18.94 | 17.08 | 13.60 | - | 18.69 | 16.83 | 13.35 | - | 19.86 | 18.00 | 14.52 | - |
| | | kW | 1.73 | 1.73 | 1.72 | - | 1.92 | 1.92 | 1.91 | - | 2.13 | 2.13 | 2.12 | - | 2.36 | 2.35 | 2.35 | - | 2.61 | 2.61 | 2.61 | - | 2.91 | 2.91 | 2.90 | - |
| | | Amps | 6.63 | 6.62 | 6.61 | - | 7.49 | 7.49 | 7.47 | - | 8.46 | 8.45 | 8.43 | - | 9.50 | 9.49 | 9.48 | - | 10.66 | 10.66 | 10.64 | - | 12.03 | 12.02 | 12.01 | - |
| | HI PR | 242 | 243 | 244 | - | 280 | 281 | 282 | - | 319 | 320 | 322 | - | 362 | 363 | 365 | - | 408 | 409 | 411 | - | 457 | 458 | 460 | - | |
| | LO PR | 118 | 119 | 122 | - | 125 | 126 | 129 | - | 131 | 133 | 136 | - | 136 | 138 | 141 | - | 142 | 143 | 146 | - | 148 | 149 | 152 | - | |
| | MBh | 29.4 | 29.8 | 30.7 | - | 29.2 | 29.6 | 30.4 | - | 28.4 | 28.8 | 29.7 | - | 27.1 | 27.5 | 28.4 | - | 25.6 | 26.0 | 26.8 | - | 24.1 | 24.5 | 25.4 | - | |
| | S/T | 0.69 | 0.61 | 0.48 | - | 0.69 | 0.62 | 0.49 | - | 0.72 | 0.64 | 0.51 | - | 0.73 | 0.66 | 0.53 | - | 1.00 | 0.68 | 0.55 | - | 1.00 | 0.73 | 0.60 | - | |
| | ΔT | 17.89 | 16.03 | 12.55 | - | 17.84 | 15.98 | 12.50 | - | 18.10 | 16.24 | 12.76 | - | 17.82 | 15.96 | 12.48 | - | 17.57 | 15.71 | 12.23 | - | 18.74 | 16.88 | 13.40 | - | |
| kW | 1.74 | 1.74 | 1.73 | - | 1.93 | 1.93 | 1.92 | - | 2.14 | 2.14 | 2.13 | - | 2.36 | 2.36 | 2.36 | - | 2.62 | 2.62 | 2.61 | - | 2.92 | 2.92 | 2.91 | - | | |
| Amps | 6.67 | 6.67 | 6.65 | - | 7.54 | 7.53 | 7.51 | - | 8.50 | 8.49 | 8.48 | - | 9.54 | 9.54 | 9.52 | - | 10.71 | 10.70 | 10.69 | - | 12.07 | 12.07 | 12.05 | - | | |
| HI PR | 244 | 245 | 247 | - | 282 | 283 | 285 | - | 321 | 323 | 324 | - | 364 | 365 | 367 | - | 410 | 411 | 413 | - | 459 | 460 | 462 | - | | |
| LO PR | 120 | 122 | 125 | - | 127 | 129 | 132 | - | 133 | 135 | 138 | - | 139 | 140 | 143 | - | 144 | 145 | 148 | - | 150 | 152 | 155 | - | | |
| MBh | 30.1 | 30.5 | 31.3 | - | 29.8 | 30.2 | 31.1 | - | 29.1 | 29.5 | 30.3 | - | 27.8 | 28.2 | 29.0 | - | 26.2 | 26.6 | 27.5 | - | 24.8 | 25.2 | 26.0 | - | | |
| S/T | 0.69 | 0.62 | 0.49 | - | 0.70 | 0.62 | 0.49 | - | 0.72 | 0.65 | 0.52 | - | 0.74 | 0.67 | 0.53 | - | 1.00 | 0.69 | 0.56 | - | 1.00 | 0.74 | 0.61 | - | | |
| ΔT | 16.95 | 15.09 | 11.61 | - | 16.90 | 15.04 | 11.56 | - | 17.16 | 15.30 | 11.82 | - | 16.88 | 15.02 | 11.54 | - | 16.63 | 14.77 | 11.29 | - | 17.80 | 15.93 | 12.46 | - | | |
| kW | 1.75 | 1.74 | 1.74 | - | 1.93 | 1.93 | 1.93 | - | 2.15 | 2.14 | 2.14 | - | 2.37 | 2.37 | 2.37 | - | 2.63 | 2.63 | 2.62 | - | 2.93 | 2.92 | 2.92 | - | | |
| Amps | 6.71 | 6.70 | 6.69 | - | 7.57 | 7.57 | 7.55 | - | 8.54 | 8.53 | 8.52 | - | 9.58 | 9.57 | 9.56 | - | 10.74 | 10.74 | 10.72 | - | 12.11 | 12.10 | 12.09 | - | | |
| HI PR | 246 | 247 | 249 | - | 284 | 285 | 287 | - | 324 | 325 | 327 | - | 367 | 368 | 369 | - | 413 | 414 | 415 | - | 462 | 463 | 464 | - | | |
| LO PR | 123 | 124 | 127 | - | 130 | 131 | 134 | - | 136 | 137 | 140 | - | 141 | 143 | 146 | - | 146 | 148 | 151 | - | 153 | 154 | 157 | - | | |
| 75 | 870 | MBh | 28.9 | 29.3 | 30.1 | 31.4 | 28.6 | 29.0 | 29.9 | 31.2 | 27.9 | 28.3 | 29.1 | 30.4 | 26.6 | 27.0 | 27.8 | 29.2 | 25.0 | 25.4 | 26.3 | 27.6 | 23.6 | 24.0 | 24.9 | 26.2 |
| | | S/T | 0.77 | 0.70 | 0.57 | 0.43 | 0.78 | 0.71 | 0.57 | 0.43 | 0.80 | 0.73 | 0.60 | 0.46 | 1.00 | 0.75 | 0.62 | 0.48 | 1.00 | 0.77 | 0.64 | 0.50 | 1.00 | 0.82 | 0.69 | 0.55 |
| | | ΔT | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 17 | 14 | 24 | 22 | 19 | 15 |
| | | kW | 1.73 | 1.73 | 1.72 | 1.74 | 1.92 | 1.91 | 1.91 | 1.93 | 2.13 | 2.12 | 2.12 | 2.14 | 2.35 | 2.35 | 2.35 | 2.36 | 2.61 | 2.61 | 2.60 | 2.62 | 2.91 | 2.91 | 2.90 | 2.92 |
| | | Amps | 6.6 | 6.6 | 6.6 | 6.7 | 7.5 | 7.5 | 7.5 | 7.5 | 8.4 | 8.4 | 8.4 | 8.5 | 9.5 | 9.5 | 9.5 | 9.5 | 10.7 | 10.7 | 10.6 | 10.7 | 12.0 | 12.0 | 12.0 | 12.1 |
| | HI PR | 242 | 243 | 245 | 249 | 280 | 281 | 282 | 287 | 319 | 320 | 322 | 326 | 362 | 363 | 365 | 369 | 408 | 409 | 411 | 415 | 457 | 458 | 460 | 464 | |
| | LO PR | 118 | 119 | 122 | 127 | 125 | 126 | 129 | 134 | 131 | 133 | 136 | 140 | 136 | 138 | 141 | 146 | 142 | 143 | 146 | 151 | 148 | 149 | 152 | 157 | |
| | MBh | 29.4 | 29.8 | 30.7 | 32.0 | 29.2 | 29.6 | 30.4 | 31.7 | 28.4 | 28.8 | 29.7 | 31.0 | 27.1 | 27.5 | 28.4 | 29.7 | 25.6 | 26.0 | 26.8 | 28.1 | 24.2 | 24.6 | 25.4 | 26.7 | |
| | S/T | 0.81 | 0.74 | 0.60 | 0.47 | 0.82 | 0.74 | 0.61 | 0.47 | 1.00 | 0.77 | 0.64 | 0.50 | 1.00 | 0.79 | 0.65 | 0.51 | 1.00 | 0.81 | 0.68 | 0.54 | 1.00 | 0.86 | 0.73 | 0.59 | |
| | ΔT | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 16 | 13 | 23 | 21 | 17 | 14 | |
| kW | 1.74 | 1.74 | 1.73 | 1.75 | 1.93 | 1.92 | 1.92 | 1.94 | 2.14 | 2.13 | 2.13 | 2.15 | 2.36 | 2.36 | 2.36 | 2.37 | 2.62 | 2.62 | 2.61 | 2.63 | 2.92 | 2.92 | 2.91 | 2.93 | | |
| Amps | 6.7 | 6.7 | 6.6 | 6.7 | 7.5 | 7.5 | 7.5 | 7.6 | 8.5 | 8.5 | 8.5 | 8.5 | 9.5 | 9.5 | 9.5 | 9.6 | 10.7 | 10.7 | 10.7 | 10.7 | 12.1 | 12.1 | 12.0 | 12.1 | | |
| HI PR | 244 | 245 | 247 | 251 | 282 | 283 | 285 | 289 | 322 | 323 | 324 | 329 | 364 | 365 | 367 | 371 | 410 | 411 | 413 | 417 | 459 | 460 | 462 | 466 | | |
| LO PR | 120 | 122 | 125 | 130 | 127 | 129 | 132 | 137 | 133 | 135 | 138 | 143 | 139 | 140 | 143 | 148 | 144 | 145 | 148 | 153 | 150 | 152 | 155 | 160 | | |
| MBh | 30.1 | 30.5 | 31.3 | 32.6 | 29.8 | 30.2 | 31.1 | 32.4 | 29.1 | 29.5 | 30.3 | 31.6 | 27.8 | 28.2 | 29.1 | 30.4 | 26.2 | 26.6 | 27.5 | 28.8 | 24.8 | 25.2 | 26.1 | 27.4 | | |
| S/T | 0.82 | 0.74 | 0.61 | 0.47 | 0.82 | 0.75 | 0.62 | 0.48 | 1.00 | 0.77 | 0.64 | 0.50 | 1.00 | 0.79 | 0.66 | 0.52 | 1.00 | 0.81 | 0.68 | 0.54 | 1.00 | 0.86 | 0.73 | 0.59 | | |
| ΔT | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 21 | 19 | 15 | 12 | 22 | 20 | 17 | 13 | | |
| kW | 1.75 | 1.74 | 1.74 | 1.74 | 1.93 | 1.93 | 1.93 | 1.94 | 2.14 | 2.14 | 2.14 | 2.15 | 2.37 | 2.37 | 2.37 | 2.38 | 2.63 | 2.62 | 2.62 | 2.64 | 2.92 | 2.92 | 2.92 | 2.93 | | |
| Amps | 6.7 | 6.7 | 6.7 | 6.7 | 7.6 | 7.6 | 7.5 | 7.6 | 8.5 | 8.5 | 8.5 | 8.6 | 9.6 | 9.6 | 9.6 | 9.6 | 10.7 | 10.7 | 10.7 | 10.8 | 12.1 | 12.1 | 12.1 | 12.1 | | |
| HI PR | 247 | 248 | 249 | 254 | 284 | 285 | 287 | 291 | 324 | 325 | 327 | 331 | 367 | 368 | 369 | 374 | 413 | 414 | 415 | 420 | 462 | 463 | 465 | 469 | | |
| LO PR | 123 | 124 | 127 | 132 | 130 | 131 | 134 | 139 | 136 | 137 | 140 | 145 | 141 | 143 | 146 | 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 — GSZ140311A* / ARUF29B14A*+TXV (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 | 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 | 23.8 | 24.2 | 25.0 | 26.3 |
| | 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 | 0.89 | 0.76 | 0.62 | 1.00 | 1.00 | 0.81 | 0.67 |
| | ΔT | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 26 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 28 | 26 | 23 | 19 |
| | kW | 1.73 | 1.73 | 1.72 | 1.74 | 1.92 | 1.92 | 1.91 | 1.93 | 2.13 | 2.13 | 2.12 | 2.14 | 2.36 | 2.35 | 2.35 | 2.36 | 2.61 | 2.61 | 2.60 | 2.62 | 2.91 | 2.91 | 2.90 | 2.92 |
| | Amps | 6.6 | 6.6 | 6.6 | 6.7 | 7.5 | 7.5 | 7.5 | 7.5 | 8.5 | 8.4 | 8.4 | 8.5 | 9.5 | 9.5 | 9.5 | 9.5 | 10.7 | 10.7 | 10.6 | 10.7 | 12.0 | 12.0 | 12.0 | 12.1 |
| | HI PR | 242 | 243 | 245 | 249 | 280 | 281 | 283 | 287 | 320 | 321 | 323 | 327 | 362 | 363 | 365 | 369 | 408 | 409 | 411 | 415 | 458 | 459 | 460 | 464 |
| | LO PR | 118 | 120 | 123 | 128 | 125 | 127 | 130 | 135 | 132 | 133 | 136 | 141 | 137 | 138 | 141 | 146 | 142 | 143 | 146 | 151 | 148 | 150 | 153 | 158 |
| | MBh | 29.6 | 30.0 | 30.8 | 32.1 | 29.3 | 29.7 | 30.6 | 31.9 | 28.6 | 29.0 | 29.8 | 31.1 | 27.3 | 27.7 | 28.5 | 29.8 | 25.7 | 26.1 | 27.0 | 28.3 | 24.3 | 24.7 | 25.6 | 26.9 |
| | S/T | 0.93 | 0.86 | 0.73 | 0.59 | 1.00 | 0.86 | 0.73 | 0.59 | 1.00 | 0.89 | 0.76 | 0.62 | 1.00 | 0.91 | 0.78 | 0.64 | 1.00 | 1.00 | 0.80 | 0.66 | 1.00 | 1.00 | 0.85 | 0.71 |
| | ΔT | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 20 | 17 | 27 | 25 | 22 | 18 |
| kW | 1.74 | 1.74 | 1.73 | 1.75 | 1.93 | 1.92 | 1.92 | 1.94 | 2.14 | 2.14 | 2.13 | 2.15 | 2.36 | 2.36 | 2.36 | 2.37 | 2.62 | 2.62 | 2.61 | 2.63 | 2.92 | 2.92 | 2.91 | 2.93 | |
| Amps | 6.7 | 6.7 | 6.7 | 6.7 | 7.5 | 7.5 | 7.5 | 7.6 | 8.5 | 8.5 | 8.5 | 8.5 | 9.5 | 9.5 | 9.5 | 9.6 | 10.7 | 10.7 | 10.7 | 10.8 | 12.1 | 12.1 | 12.1 | 12.1 | |
| HI PR | 245 | 246 | 247 | 252 | 283 | 284 | 285 | 289 | 322 | 323 | 325 | 329 | 365 | 366 | 368 | 372 | 411 | 412 | 414 | 418 | 460 | 461 | 463 | 467 | |
| LO PR | 121 | 122 | 125 | 130 | 128 | 129 | 132 | 137 | 134 | 135 | 138 | 143 | 139 | 141 | 144 | 149 | 144 | 146 | 149 | 154 | 151 | 152 | 155 | 160 | |
| MBh | 30.2 | 30.6 | 31.5 | 32.8 | 30.0 | 30.4 | 31.2 | 32.5 | 29.2 | 29.6 | 30.5 | 31.8 | 27.9 | 28.3 | 29.2 | 30.5 | 26.4 | 26.8 | 27.6 | 28.9 | 25.0 | 25.4 | 26.2 | 27.5 | |
| S/T | 1.00 | 0.86 | 0.73 | 0.59 | 1.00 | 0.87 | 0.74 | 0.60 | 1.00 | 0.90 | 0.76 | 0.62 | 1.00 | 0.91 | 0.78 | 0.64 | 1.00 | 1.00 | 0.80 | 0.66 | 1.00 | 1.00 | 0.85 | 0.71 | |
| ΔT | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 25 | 24 | 20 | 16 | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 26 | 24 | 21 | 17 | |
| kW | 1.75 | 1.74 | 1.74 | 1.76 | 1.93 | 1.93 | 1.93 | 1.94 | 2.15 | 2.14 | 2.14 | 2.15 | 2.37 | 2.37 | 2.37 | 2.38 | 2.63 | 2.63 | 2.62 | 2.64 | 2.93 | 2.92 | 2.92 | 2.94 | |
| Amps | 6.7 | 6.7 | 6.7 | 6.8 | 7.6 | 7.6 | 7.6 | 7.6 | 8.5 | 8.5 | 8.5 | 8.6 | 9.6 | 9.6 | 9.6 | 9.6 | 10.7 | 10.7 | 10.7 | 10.8 | 12.1 | 12.1 | 12.1 | 12.2 | |
| HI PR | 247 | 248 | 250 | 254 | 285 | 286 | 288 | 292 | 325 | 326 | 327 | 331 | 367 | 368 | 370 | 374 | 413 | 414 | 416 | 420 | 462 | 463 | 465 | 469 | |
| LO PR | 123 | 125 | 128 | 133 | 130 | 132 | 135 | 140 | 137 | 138 | 141 | 146 | 142 | 143 | 146 | 151 | 147 | 148 | 151 | 156 | 153 | 155 | 158 | 163 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85 | MBh | 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 | 25.7 | 26.1 | 26.9 | 28.2 | 24.2 | 24.6 | 25.5 | 26.8 |
| | S/T | 1.00 | 0.92 | 0.79 | 0.65 | 1.00 | 0.93 | 0.79 | 0.66 | 1.00 | 0.95 | 0.82 | 0.68 | 1.00 | 1.00 | 0.84 | 0.70 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 0.91 | 0.77 |
| | ΔT | 31 | 29 | 26 | 22 | 31 | 29 | 25 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 25 | 22 | 31 | 29 | 25 | 22 | 32 | 30 | 26 | 23 |
| | kW | 1.73 | 1.73 | 1.73 | 1.74 | 1.92 | 1.92 | 1.92 | 1.93 | 2.13 | 2.13 | 2.13 | 2.14 | 2.36 | 2.36 | 2.35 | 2.37 | 2.61 | 2.61 | 2.61 | 2.62 | 2.91 | 2.91 | 2.91 | 2.92 |
| | Amps | 6.6 | 6.6 | 6.6 | 6.7 | 7.5 | 7.5 | 7.5 | 7.6 | 8.5 | 8.5 | 8.4 | 8.5 | 9.5 | 9.5 | 9.5 | 9.6 | 10.7 | 10.7 | 10.7 | 10.7 | 12.0 | 12.0 | 12.0 | 12.1 |
| | HI PR | 243 | 245 | 246 | 250 | 281 | 282 | 284 | 288 | 321 | 322 | 324 | 328 | 364 | 365 | 366 | 370 | 410 | 411 | 412 | 416 | 459 | 460 | 461 | 466 |
| | LO PR | 120 | 122 | 125 | 129 | 127 | 129 | 132 | 137 | 133 | 135 | 138 | 143 | 139 | 140 | 143 | 148 | 144 | 145 | 148 | 153 | 150 | 152 | 155 | 160 |
| | MBh | 30.1 | 30.5 | 31.3 | 32.6 | 29.8 | 30.2 | 31.1 | 32.4 | 29.1 | 29.5 | 30.3 | 31.6 | 27.8 | 28.2 | 29.0 | 30.3 | 26.2 | 26.6 | 27.5 | 28.8 | 24.8 | 25.2 | 26.0 | 27.3 |
| | S/T | 1.00 | 0.96 | 0.83 | 0.69 | 1.00 | 0.96 | 0.83 | 0.69 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 0.87 | 0.74 | 1.00 | 1.00 | 0.90 | 0.76 | 1.00 | 1.00 | 0.95 | 0.81 |
| | ΔT | 30 | 28 | 24 | 21 | 30 | 28 | 24 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 24 | 21 | 29 | 28 | 24 | 21 | 31 | 29 | 25 | 22 |
| kW | 1.74 | 1.74 | 1.74 | 1.75 | 1.93 | 1.93 | 1.93 | 1.94 | 2.14 | 2.14 | 2.14 | 2.15 | 2.37 | 2.37 | 2.36 | 2.38 | 2.62 | 2.62 | 2.62 | 2.63 | 2.92 | 2.92 | 2.92 | 2.93 | |
| Amps | 6.7 | 6.7 | 6.7 | 6.7 | 7.6 | 7.5 | 7.5 | 7.6 | 8.5 | 8.5 | 8.5 | 8.6 | 9.6 | 9.6 | 9.5 | 9.6 | 10.7 | 10.7 | 10.7 | 10.8 | 12.1 | 12.1 | 12.1 | 12.1 | |
| HI PR | 246 | 247 | 249 | 253 | 284 | 285 | 286 | 291 | 323 | 324 | 326 | 330 | 366 | 367 | 369 | 373 | 412 | 413 | 415 | 419 | 461 | 462 | 464 | 468 | |
| LO PR | 122 | 124 | 127 | 132 | 130 | 131 | 134 | 139 | 136 | 137 | 140 | 145 | 141 | 142 | 145 | 150 | 146 | 148 | 150 | 155 | 153 | 154 | 157 | 162 | |
| MBh | 30.7 | 31.1 | 32.0 | 33.3 | 30.4 | 30.9 | 31.7 | 33.0 | 29.7 | 30.1 | 31.0 | 32.3 | 28.4 | 28.8 | 29.7 | 31.0 | 26.9 | 27.3 | 28.1 | 29.4 | 25.4 | 25.8 | 26.7 | 28.0 | |
| S/T | 1.00 | 0.96 | 0.83 | 0.69 | 1.00 | 0.97 | 0.84 | 0.70 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 0.88 | 0.74 | 1.00 | 1.00 | 0.90 | 0.76 | 1.00 | 1.00 | 1.00 | 0.81 | |
| ΔT | 29 | 27 | 23 | 20 | 29 | 27 | 23 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 23 | 20 | 29 | 27 | 23 | 20 | 30 | 28 | 24 | 21 | |
| kW | 1.75 | 1.75 | 1.74 | 1.76 | 1.94 | 1.94 | 1.93 | 1.95 | 2.15 | 2.15 | 2.14 | 2.16 | 2.38 | 2.37 | 2.37 | 2.39 | 2.63 | 2.63 | 2.63 | 2.64 | 2.93 | 2.93 | 2.92 | 2.94 | |
| Amps | 6.7 | 6.7 | 6.7 | 6.8 | 7.6 | 7.6 | 7.6 | 7.6 | 8.6 | 8.5 | 8.5 | 8.6 | 9.6 | 9.6 | 9.6 | 9.6 | 10.8 | 10.8 | 10.7 | 10.8 | 12.1 | 12.1 | 12.1 | 12.2 | |
| HI PR | 248 | 249 | 251 | 255 | 286 | 287 | 289 | 293 | 326 | 327 | 328 | 333 | 368 | 369 | 371 | 375 | 414 | 415 | 417 | 421 | 463 | 464 | 466 | 470 | |
| LO PR | 125 | 126 | 129 | 134 | 132 | 134 | 136 | 141 | 138 | 140 | 143 | 148 | 144 | 145 | 148 | 153 | 149 | 150 | 153 | 158 | 155 | 157 | 159 | 164 | |

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)

| 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 | 1070 | MBh | 36.3 | 36.8 | 37.9 | - | 36.0 | 36.5 | 37.5 | - | 35.0 | 35.5 | 36.6 | - | 33.4 | 33.9 | 35.0 | - | 31.5 | 32.0 | 33.0 | - | 29.7 | 30.2 | 31.2 | - |
| | | 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 | 19 | 18 | 14 | - | 19 | 17 | 14 | - | 20 | 18 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 20 | 18 | 15 | - | |
| | kW | 2.17 | 2.17 | 2.16 | - | 2.44 | 2.43 | 2.43 | - | 2.73 | 2.73 | 2.72 | - | 3.05 | 3.05 | 3.04 | - | 3.41 | 3.41 | 3.40 | - | 3.83 | 3.83 | 3.82 | - | |
| | Amps | 8.3 | 8.3 | 8.2 | - | 9.5 | 9.5 | 9.5 | - | 10.8 | 10.8 | 10.8 | - | 12.3 | 12.3 | 12.3 | - | 13.9 | 13.9 | 13.9 | - | 15.9 | 15.9 | 15.8 | - | |
| | HI PR | 263 | 265 | 266 | - | 305 | 306 | 308 | - | 348 | 349 | 351 | - | 394 | 395 | 397 | - | 444 | 446 | 447 | - | 498 | 499 | 501 | - | |
| | LO PR | 121 | 123 | 126 | - | 129 | 130 | 133 | - | 135 | 137 | 140 | - | 140 | 142 | 145 | - | 146 | 147 | 150 | - | 152 | 154 | 157 | - | |
| | MBh | 36.8 | 37.3 | 38.4 | - | 36.5 | 37.0 | 38.1 | - | 35.6 | 36.1 | 37.2 | - | 34.0 | 34.5 | 35.5 | - | 32.0 | 32.5 | 33.6 | - | 30.2 | 30.7 | 31.8 | - | |
| | 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 | 18 | 17 | 13 | - | 18 | 17 | 13 | - | 19 | 17 | 13 | - | 18 | 17 | 13 | - | 18 | 16 | 13 | - | 19 | 17 | 14 | - | |
| kW | 2.18 | 2.18 | 2.17 | - | 2.45 | 2.44 | 2.44 | - | 2.74 | 2.74 | 2.74 | - | 3.06 | 3.06 | 3.06 | - | 3.42 | 3.42 | 3.41 | - | 3.84 | 3.84 | 3.83 | - | | |
| Amps | 8.3 | 8.3 | 8.3 | - | 9.5 | 9.5 | 9.5 | - | 10.9 | 10.9 | 10.9 | - | 12.4 | 12.4 | 12.3 | - | 14.0 | 14.0 | 14.0 | - | 15.9 | 15.9 | 15.9 | - | | |
| HI PR | 266 | 267 | 268 | - | 307 | 308 | 310 | - | 350 | 351 | 353 | - | 396 | 398 | 399 | - | 447 | 448 | 450 | - | 500 | 501 | 503 | - | | |
| LO PR | 123 | 125 | 128 | - | 131 | 132 | 135 | - | 137 | 138 | 142 | - | 142 | 144 | 147 | - | 148 | 149 | 152 | - | 154 | 156 | 159 | - | | |
| MBh | 37.6 | 38.1 | 39.2 | - | 37.3 | 37.8 | 38.9 | - | 36.3 | 36.8 | 37.9 | - | 34.7 | 35.2 | 36.3 | - | 32.8 | 33.3 | 34.3 | - | 31.0 | 31.5 | 32.5 | - | | |
| S/T | 0.69 | 0.62 | 0.49 | - | 0.70 | 0.62 | 0.49 | - | 0.72 | 0.65 | 0.52 | - | 1.00 | 0.67 | 0.54 | - | 1.00 | 0.69 | 0.56 | - | 1.00 | 0.74 | 0.61 | - | | |
| ΔT | 18 | 16 | 12 | - | 17 | 16 | 12 | - | 18 | 16 | 12 | - | 17 | 16 | 12 | - | 17 | 15 | 12 | - | 18 | 16 | 13 | - | | |
| kW | 2.19 | 2.19 | 2.19 | - | 2.46 | 2.46 | 2.45 | - | 2.75 | 2.75 | 2.75 | - | 3.07 | 3.07 | 3.07 | - | 3.43 | 3.43 | 3.42 | - | 3.85 | 3.85 | 3.84 | - | | |
| Amps | 8.4 | 8.4 | 8.4 | - | 9.6 | 9.6 | 9.6 | - | 10.9 | 10.9 | 10.9 | - | 12.4 | 12.4 | 12.4 | - | 14.1 | 14.0 | 14.0 | - | 16.0 | 16.0 | 15.9 | - | | |
| HI PR | 268 | 269 | 271 | - | 309 | 310 | 312 | - | 352 | 354 | 355 | - | 399 | 400 | 402 | - | 449 | 450 | 452 | - | 503 | 504 | 505 | - | | |
| LO PR | 126 | 127 | 130 | - | 133 | 135 | 138 | - | 139 | 141 | 144 | - | 145 | 146 | 149 | - | 150 | 152 | 155 | - | 157 | 158 | 161 | - | | |
| 75 | 1070 | MBh | 36.3 | 36.8 | 37.9 | 39.5 | 36.0 | 36.5 | 37.6 | 39.2 | 35.0 | 35.6 | 36.6 | 38.3 | 33.4 | 33.9 | 35.0 | 36.6 | 31.5 | 32.0 | 33.0 | 34.7 | 29.7 | 30.2 | 31.3 | 32.9 |
| | | 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 | 0.75 | 0.62 | 0.48 | 1.00 | 0.77 | 0.64 | 0.50 | 1.00 | 0.82 | 0.69 | 0.55 |
| | ΔT | 24 | 22 | 18 | 14 | 24 | 22 | 18 | 14 | 24 | 22 | 18 | 15 | 24 | 22 | 18 | 14 | 23 | 21 | 18 | 14 | 24 | 23 | 19 | 15 | |
| | kW | 2.17 | 2.17 | 2.16 | 2.18 | 2.43 | 2.43 | 2.43 | 2.45 | 2.73 | 2.73 | 2.72 | 2.74 | 3.05 | 3.04 | 3.04 | 3.06 | 3.41 | 3.40 | 3.40 | 3.42 | 3.83 | 3.82 | 3.82 | 3.84 | |
| | Amps | 8.3 | 8.3 | 8.2 | 8.3 | 9.5 | 9.5 | 9.5 | 9.5 | 10.8 | 10.8 | 10.8 | 10.9 | 12.3 | 12.3 | 12.4 | 12.4 | 13.9 | 13.9 | 13.9 | 14.0 | 15.9 | 15.8 | 15.8 | 15.9 | |
| | HI PR | 264 | 265 | 267 | 271 | 305 | 306 | 308 | 312 | 348 | 349 | 351 | 356 | 395 | 396 | 398 | 402 | 445 | 446 | 448 | 452 | 498 | 499 | 501 | 506 | |
| | LO PR | 121 | 123 | 126 | 131 | 129 | 130 | 133 | 138 | 135 | 137 | 140 | 145 | 141 | 142 | 145 | 150 | 146 | 147 | 150 | 155 | 152 | 154 | 157 | 162 | |
| | MBh | 36.9 | 37.4 | 38.4 | 40.1 | 36.5 | 37.0 | 38.1 | 39.7 | 35.6 | 36.1 | 37.2 | 38.8 | 34.0 | 34.5 | 35.6 | 37.2 | 32.0 | 32.5 | 33.6 | 35.2 | 30.2 | 30.7 | 31.8 | 33.4 | |
| | S/T | 0.81 | 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 | 23 | 21 | 17 | 14 | 23 | 21 | 17 | 13 | 23 | 21 | 17 | 14 | 23 | 21 | 17 | 13 | 22 | 20 | 17 | 13 | 24 | 22 | 18 | 14 | |
| kW | 2.18 | 2.18 | 2.17 | 2.19 | 2.44 | 2.44 | 2.44 | 2.46 | 2.74 | 2.74 | 2.73 | 2.75 | 3.06 | 3.05 | 3.07 | 3.07 | 3.42 | 3.42 | 3.41 | 3.43 | 3.84 | 3.84 | 3.83 | 3.85 | | |
| Amps | 8.3 | 8.3 | 8.3 | 8.4 | 9.5 | 9.5 | 9.5 | 9.6 | 10.9 | 10.9 | 10.9 | 11.0 | 12.4 | 12.3 | 12.4 | 12.4 | 14.0 | 14.0 | 14.0 | 14.1 | 15.9 | 15.9 | 15.9 | 16.0 | | |
| HI PR | 266 | 267 | 269 | 273 | 307 | 308 | 310 | 314 | 350 | 351 | 353 | 358 | 397 | 398 | 400 | 404 | 447 | 448 | 450 | 454 | 500 | 501 | 503 | 508 | | |
| LO PR | 123 | 125 | 128 | 133 | 131 | 132 | 135 | 140 | 137 | 138 | 142 | 147 | 142 | 144 | 147 | 152 | 148 | 149 | 152 | 157 | 154 | 156 | 159 | 164 | | |
| MBh | 37.6 | 38.1 | 39.2 | 40.8 | 37.3 | 37.8 | 38.9 | 40.5 | 36.4 | 36.9 | 37.9 | 39.6 | 34.8 | 35.3 | 36.3 | 38.0 | 32.8 | 33.3 | 34.4 | 36.0 | 31.0 | 31.5 | 32.6 | 34.2 | | |
| S/T | 0.82 | 0.74 | 0.61 | 0.47 | 0.82 | 0.75 | 0.62 | 0.48 | 1.00 | 0.78 | 0.64 | 0.50 | 1.00 | 0.79 | 0.66 | 0.52 | 1.00 | 0.82 | 0.68 | 0.54 | 1.00 | 1.00 | 0.73 | 0.59 | | |
| ΔT | 22 | 20 | 16 | 13 | 22 | 20 | 16 | 13 | 22 | 20 | 16 | 13 | 22 | 20 | 16 | 13 | 21 | 19 | 16 | 12 | 23 | 21 | 17 | 13 | | |
| kW | 2.19 | 2.19 | 2.18 | 2.20 | 2.46 | 2.45 | 2.45 | 2.47 | 2.75 | 2.75 | 2.75 | 2.77 | 3.07 | 3.07 | 3.09 | 3.09 | 3.43 | 3.43 | 3.42 | 3.44 | 3.85 | 3.85 | 3.84 | 3.86 | | |
| Amps | 8.4 | 8.4 | 8.3 | 8.4 | 9.6 | 9.6 | 9.6 | 9.7 | 10.9 | 10.9 | 10.9 | 11.0 | 12.4 | 12.4 | 12.4 | 12.5 | 14.0 | 14.0 | 14.0 | 14.1 | 16.0 | 16.0 | 15.9 | 16.0 | | |
| HI PR | 268 | 269 | 271 | 276 | 309 | 311 | 312 | 317 | 353 | 354 | 356 | 360 | 399 | 400 | 402 | 407 | 449 | 450 | 452 | 457 | 503 | 504 | 506 | 510 | | |
| LO PR | 126 | 127 | 130 | 135 | 133 | 135 | 138 | 143 | 140 | 141 | 144 | 149 | 145 | 146 | 149 | 155 | 150 | 152 | 155 | 160 | 157 | 158 | 161 | 166 | | |

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 — GSZ140361K* + ARUF37C14** + TXV (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 | 36.5 | 37.0 | 38.1 | 39.7 | 36.2 | 36.7 | 37.7 | 39.4 | 35.2 | 35.7 | 36.8 | 38.4 | 33.6 | 34.1 | 35.2 | 36.8 | 31.7 | 32.2 | 33.2 | 34.9 | 29.9 | 30.4 | 31.4 | 33.1 |
| | 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 | 28 | 26 | 22 | 19 | 28 | 26 | 22 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 22 | 19 | 28 | 26 | 22 | 18 | 29 | 27 | 23 | 20 |
| | kW | 2.17 | 2.17 | 2.16 | 2.18 | 2.43 | 2.43 | 2.43 | 2.45 | 2.73 | 2.73 | 2.72 | 2.74 | 3.05 | 3.05 | 3.04 | 3.06 | 3.41 | 3.41 | 3.40 | 3.42 | 3.83 | 3.83 | 3.82 | 3.84 |
| | Amps | 8.3 | 8.3 | 8.2 | 8.3 | 9.5 | 9.5 | 9.5 | 9.6 | 10.8 | 10.8 | 10.8 | 10.9 | 12.3 | 12.3 | 12.3 | 12.4 | 13.9 | 13.9 | 13.9 | 14.0 | 15.9 | 15.9 | 15.8 | 15.9 |
| | HI PR | 264 | 265 | 267 | 272 | 305 | 306 | 308 | 313 | 349 | 350 | 351 | 356 | 395 | 396 | 398 | 403 | 445 | 446 | 448 | 453 | 499 | 500 | 502 | 506 |
| | LO PR | 122 | 123 | 127 | 132 | 129 | 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 | 35.7 | 37.4 | 32.2 | 32.7 | 33.8 | 35.4 | 30.4 | 30.9 | 32.0 | 33.6 |
| | S/T | 1.00 | 0.86 | 0.72 | 0.58 | 1.00 | 0.86 | 0.73 | 0.59 | 1.00 | 0.89 | 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 | 0.71 |
| | ΔT | 27 | 25 | 21 | 18 | 27 | 25 | 21 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | 21 | 18 | 27 | 25 | 21 | 17 | 28 | 26 | 22 | 19 |
| kW | 2.18 | 2.18 | 2.17 | 2.19 | 2.45 | 2.44 | 2.44 | 2.46 | 2.74 | 2.74 | 2.74 | 2.76 | 3.06 | 3.06 | 3.06 | 3.08 | 3.42 | 3.42 | 3.41 | 3.43 | 3.84 | 3.84 | 3.83 | 3.85 | |
| Amps | 8.3 | 8.3 | 8.3 | 8.4 | 9.5 | 9.5 | 9.5 | 9.6 | 10.9 | 10.9 | 10.9 | 11.0 | 12.4 | 12.4 | 12.3 | 12.4 | 14.0 | 14.0 | 14.0 | 14.1 | 15.9 | 15.9 | 15.9 | 16.0 | |
| HI PR | 266 | 267 | 269 | 274 | 307 | 309 | 310 | 315 | 351 | 352 | 354 | 358 | 397 | 398 | 400 | 405 | 447 | 448 | 450 | 455 | 501 | 502 | 504 | 508 | |
| LO PR | 124 | 125 | 128 | 133 | 131 | 133 | 136 | 141 | 138 | 139 | 142 | 147 | 143 | 144 | 147 | 153 | 148 | 150 | 153 | 158 | 155 | 156 | 159 | 164 | |
| MBh | 37.8 | 38.3 | 39.4 | 41.0 | 37.5 | 38.0 | 39.1 | 40.7 | 36.5 | 37.1 | 38.1 | 39.8 | 34.9 | 35.4 | 36.5 | 38.1 | 33.0 | 33.5 | 34.5 | 36.2 | 31.2 | 31.7 | 32.8 | 34.4 | |
| S/T | 1.00 | 0.87 | 0.73 | 0.60 | 1.00 | 0.87 | 0.74 | 0.60 | 1.00 | 0.90 | 0.77 | 0.63 | 1.00 | 1.00 | 0.78 | 0.64 | 1.00 | 1.00 | 0.81 | 0.67 | 1.00 | 1.00 | 0.86 | 0.72 | |
| ΔT | 26 | 24 | 20 | 17 | 26 | 24 | 20 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 20 | 17 | 26 | 24 | 20 | 16 | 27 | 25 | 21 | 18 | |
| kW | 2.19 | 2.19 | 2.19 | 2.21 | 2.46 | 2.46 | 2.45 | 2.47 | 2.75 | 2.75 | 2.75 | 2.77 | 3.07 | 3.07 | 3.07 | 3.09 | 3.43 | 3.43 | 3.42 | 3.44 | 3.85 | 3.85 | 3.84 | 3.86 | |
| Amps | 8.4 | 8.4 | 8.4 | 8.4 | 9.6 | 9.6 | 9.6 | 9.7 | 10.9 | 10.9 | 10.9 | 11.0 | 12.4 | 12.4 | 12.4 | 12.5 | 14.0 | 14.0 | 14.0 | 14.1 | 16.0 | 16.0 | 15.9 | 16.0 | |
| HI PR | 269 | 270 | 272 | 276 | 310 | 311 | 313 | 317 | 353 | 354 | 356 | 361 | 400 | 401 | 403 | 407 | 450 | 451 | 453 | 457 | 503 | 504 | 506 | 511 | |
| LO PR | 126 | 128 | 131 | 136 | 134 | 135 | 138 | 143 | 140 | 142 | 145 | 150 | 145 | 147 | 150 | 155 | 151 | 152 | 155 | 160 | 157 | 159 | 162 | 167 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85 | MBh | 37.1 | 37.6 | 38.7 | 40.3 | 36.8 | 37.3 | 38.3 | 40.0 | 35.8 | 36.3 | 37.4 | 39.0 | 34.2 | 34.7 | 35.8 | 37.4 | 32.3 | 32.8 | 33.8 | 35.5 | 30.5 | 31.0 | 32.0 | 33.7 |
| | S/T | 1.00 | 0.92 | 0.79 | 0.65 | 1.00 | 0.93 | 0.80 | 0.66 | 1.00 | 1.00 | 0.82 | 0.68 | 1.00 | 1.00 | 0.84 | 0.70 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 1.00 | 0.77 |
| | ΔT | 32 | 30 | 26 | 22 | 32 | 30 | 26 | 22 | 32 | 30 | 26 | 23 | 31 | 30 | 26 | 22 | 31 | 29 | 26 | 22 | 32 | 31 | 27 | 23 |
| | kW | 2.17 | 2.17 | 2.17 | 2.19 | 2.44 | 2.44 | 2.43 | 2.45 | 2.74 | 2.73 | 2.73 | 2.75 | 3.06 | 3.05 | 3.05 | 3.07 | 3.41 | 3.41 | 3.41 | 3.43 | 3.83 | 3.83 | 3.83 | 3.85 |
| | Amps | 8.3 | 8.3 | 8.3 | 8.4 | 9.5 | 9.5 | 9.5 | 9.6 | 10.9 | 10.9 | 10.8 | 10.9 | 12.3 | 12.3 | 12.3 | 12.4 | 14.0 | 14.0 | 13.9 | 14.0 | 15.9 | 15.9 | 15.9 | 16.0 |
| | HI PR | 265 | 266 | 268 | 273 | 307 | 308 | 310 | 314 | 350 | 351 | 353 | 357 | 396 | 397 | 399 | 404 | 446 | 448 | 449 | 454 | 500 | 501 | 503 | 507 |
| | LO PR | 124 | 125 | 128 | 133 | 131 | 133 | 136 | 141 | 137 | 139 | 142 | 147 | 143 | 144 | 147 | 152 | 148 | 150 | 153 | 158 | 155 | 156 | 159 | 164 |
| | MBh | 37.6 | 38.1 | 39.2 | 40.8 | 37.3 | 37.8 | 38.9 | 40.5 | 36.4 | 36.9 | 38.0 | 39.6 | 34.8 | 35.3 | 36.4 | 38.0 | 32.8 | 33.3 | 34.4 | 36.0 | 31.0 | 31.5 | 32.6 | 34.2 |
| | S/T | 1.00 | 0.95 | 0.82 | 0.68 | 1.00 | 0.96 | 0.83 | 0.69 | 1.00 | 1.00 | 0.85 | 0.71 | 1.00 | 1.00 | 0.87 | 0.73 | 1.00 | 1.00 | 0.89 | 0.75 | 1.00 | 1.00 | 1.00 | 0.80 |
| | ΔT | 31 | 29 | 25 | 21 | 31 | 29 | 25 | 21 | 31 | 29 | 25 | 22 | 31 | 29 | 25 | 21 | 30 | 28 | 25 | 21 | 31 | 30 | 26 | 22 |
| kW | 2.19 | 2.18 | 2.18 | 2.20 | 2.45 | 2.45 | 2.44 | 2.46 | 2.75 | 2.74 | 2.74 | 2.76 | 3.07 | 3.06 | 3.06 | 3.08 | 3.42 | 3.42 | 3.42 | 3.44 | 3.84 | 3.84 | 3.84 | 3.86 | |
| Amps | 8.4 | 8.3 | 8.3 | 8.4 | 9.6 | 9.6 | 9.5 | 9.6 | 10.9 | 10.9 | 10.9 | 11.0 | 12.4 | 12.4 | 12.4 | 12.4 | 14.0 | 14.0 | 14.0 | 14.1 | 15.9 | 15.9 | 15.9 | 16.0 | |
| HI PR | 267 | 269 | 270 | 275 | 309 | 310 | 312 | 316 | 352 | 353 | 355 | 359 | 398 | 399 | 401 | 406 | 448 | 450 | 451 | 456 | 502 | 503 | 505 | 509 | |
| LO PR | 126 | 127 | 130 | 135 | 133 | 134 | 137 | 143 | 139 | 141 | 144 | 149 | 145 | 146 | 149 | 154 | 150 | 151 | 155 | 160 | 157 | 158 | 161 | 166 | |
| MBh | 38.4 | 38.9 | 40.0 | 41.6 | 38.1 | 38.6 | 39.7 | 41.3 | 37.2 | 37.7 | 38.7 | 40.4 | 35.5 | 36.0 | 37.1 | 38.8 | 33.6 | 34.1 | 35.2 | 36.8 | 31.8 | 32.3 | 33.4 | 35.0 | |
| S/T | 1.00 | 0.97 | 0.83 | 0.69 | 1.00 | 1.00 | 0.84 | 0.70 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 0.88 | 0.74 | 1.00 | 1.00 | 0.90 | 0.77 | 1.00 | 1.00 | 1.00 | 0.82 | |
| ΔT | 30 | 28 | 24 | 21 | 30 | 28 | 24 | 20 | 30 | 28 | 24 | 21 | 30 | 28 | 24 | 20 | 29 | 27 | 24 | 20 | 31 | 29 | 25 | 21 | |
| kW | 2.20 | 2.20 | 2.19 | 2.21 | 2.46 | 2.46 | 2.46 | 2.48 | 2.76 | 2.76 | 2.75 | 2.77 | 3.08 | 3.08 | 3.07 | 3.09 | 3.44 | 3.43 | 3.43 | 3.45 | 3.86 | 3.85 | 3.85 | 3.87 | |
| Amps | 8.4 | 8.4 | 8.4 | 8.5 | 9.6 | 9.6 | 9.6 | 9.7 | 11.0 | 11.0 | 10.9 | 11.0 | 12.4 | 12.4 | 12.4 | 12.5 | 14.1 | 14.1 | 14.0 | 14.1 | 16.0 | 16.0 | 16.0 | 16.1 | |
| HI PR | 270 | 271 | 273 | 277 | 311 | 312 | 314 | 319 | 354 | 355 | 357 | 362 | 401 | 402 | 404 | 408 | 451 | 452 | 454 | 458 | 504 | 506 | 507 | 512 | |
| LO PR | 128 | 130 | 133 | 138 | 135 | 137 | 140 | 145 | 142 | 143 | 146 | 151 | 147 | 149 | 152 | 157 | 153 | 154 | 157 | 162 | 159 | 161 | 164 | 169 | |

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

kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

Shaded area reflects AHRI Rating Conditions.

| 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 | 985 | MBh | 34.0 | 34.5 | 35.5 | - | 33.7 | 34.2 | 35.2 | - | 32.8 | 33.3 | 34.3 | - | 31.3 | 31.8 | 32.8 | - | 29.5 | 30.0 | 31.0 | - | 27.8 | 28.3 | 29.3 | - |
| | | S/T | 0.64 | 0.56 | 0.43 | - | 0.64 | 0.57 | 0.44 | - | 0.67 | 0.59 | 0.46 | - | 0.69 | 0.61 | 0.48 | - | 1.00 | 0.63 | 0.50 | - | 1.00 | 0.68 | 0.55 | - |
| | ΔT | 20 | 18 | 14 | - | 20 | 18 | 14 | - | 20 | 18 | 14 | - | 20 | 18 | 14 | - | 19 | 17 | 14 | - | 21 | 19 | 15 | - | |
| | kW | 2.03 | 2.03 | 2.02 | - | 2.25 | 2.25 | 2.25 | - | 2.50 | 2.50 | 2.50 | - | 2.78 | 2.77 | 2.77 | - | 3.08 | 3.08 | 3.07 | - | 3.44 | 3.44 | 3.43 | - | |
| | Amps | 7.6 | 7.6 | 7.6 | - | 8.7 | 8.7 | 8.6 | - | 9.8 | 9.8 | 9.8 | - | 11.1 | 11.1 | 11.0 | - | 12.5 | 12.4 | 12.4 | - | 14.1 | 14.1 | 14.1 | - | |
| | Hi PR | 250 | 251 | 253 | - | 289 | 290 | 292 | - | 330 | 331 | 333 | - | 374 | 375 | 377 | - | 421 | 422 | 424 | - | 472 | 473 | 475 | - | |
| | Lo PR | 121 | 123 | 126 | - | 129 | 130 | 133 | - | 135 | 136 | 139 | - | 140 | 142 | 145 | - | 146 | 147 | 150 | - | 152 | 154 | 157 | - | |
| | 1200 | MBh | 35.0 | 35.5 | 36.5 | - | 34.7 | 35.2 | 36.2 | - | 33.8 | 34.3 | 35.3 | - | 32.3 | 32.8 | 33.8 | - | 30.5 | 31.0 | 32.0 | - | 28.8 | 29.3 | 30.3 | - |
| | | S/T | 0.68 | 0.61 | 0.48 | - | 0.69 | 0.61 | 0.48 | - | 0.71 | 0.64 | 0.51 | - | 1.00 | 0.66 | 0.53 | - | 1.00 | 0.68 | 0.55 | - | 1.00 | 0.73 | 0.60 | - |
| | ΔT | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 19 | 17 | 13 | - | |
| kW | 2.04 | 2.04 | 2.04 | - | 2.27 | 2.27 | 2.26 | - | 2.52 | 2.52 | 2.51 | - | 2.79 | 2.79 | 2.79 | - | 3.10 | 3.10 | 3.09 | - | 3.45 | 3.45 | 3.45 | - | | |
| Amps | 7.7 | 7.7 | 7.7 | - | 8.7 | 8.7 | 8.7 | - | 9.9 | 9.9 | 9.9 | - | 11.1 | 11.1 | 11.1 | - | 12.5 | 12.5 | 12.5 | - | 14.2 | 14.2 | 14.1 | - | | |
| Hi PR | 253 | 254 | 256 | - | 292 | 294 | 295 | - | 333 | 334 | 336 | - | 377 | 379 | 380 | - | 425 | 426 | 428 | - | 476 | 477 | 479 | - | | |
| Lo PR | 125 | 126 | 129 | - | 132 | 134 | 137 | - | 138 | 140 | 143 | - | 144 | 145 | 148 | - | 149 | 151 | 154 | - | 156 | 157 | 160 | - | | |
| 1350 | MBh | 35.9 | 36.4 | 37.4 | - | 35.6 | 36.1 | 37.1 | - | 34.7 | 35.2 | 36.2 | - | 33.2 | 33.7 | 34.7 | - | 31.4 | 31.9 | 32.9 | - | 29.7 | 30.2 | 31.2 | - | |
| | S/T | 0.67 | 0.60 | 0.47 | - | 0.68 | 0.61 | 0.48 | - | 0.70 | 0.63 | 0.50 | - | 1.00 | 0.65 | 0.52 | - | 1.00 | 0.67 | 0.54 | - | 1.00 | 0.72 | 0.59 | - | |
| ΔT | 17 | 15 | 12 | - | 17 | 15 | 11 | - | 17 | 15 | 12 | - | 17 | 15 | 11 | - | 17 | 15 | 11 | - | 18 | 16 | 12 | - | | |
| kW | 2.05 | 2.05 | 2.05 | - | 2.28 | 2.28 | 2.27 | - | 2.53 | 2.53 | 2.52 | - | 2.80 | 2.80 | 2.80 | - | 3.11 | 3.10 | 3.10 | - | 3.46 | 3.46 | 3.46 | - | | |
| Amps | 7.7 | 7.7 | 7.7 | - | 8.8 | 8.8 | 8.8 | - | 9.9 | 9.9 | 9.9 | - | 11.2 | 11.2 | 11.2 | - | 12.6 | 12.6 | 12.5 | - | 14.2 | 14.2 | 14.2 | - | | |
| Hi PR | 256 | 257 | 259 | - | 295 | 296 | 298 | - | 336 | 337 | 339 | - | 380 | 381 | 383 | - | 428 | 429 | 430 | - | 478 | 479 | 481 | - | | |
| Lo PR | 128 | 129 | 132 | - | 135 | 137 | 140 | - | 142 | 143 | 146 | - | 147 | 148 | 151 | - | 152 | 154 | 157 | - | 159 | 160 | 163 | - | | |
| 75 | 985 | MBh | 34.0 | 34.5 | 35.5 | 37.0 | 33.7 | 34.2 | 35.2 | 36.7 | 32.9 | 33.3 | 34.3 | 35.9 | 31.3 | 31.8 | 32.8 | 34.4 | 29.5 | 30.0 | 31.0 | 32.5 | 27.8 | 28.3 | 29.3 | 30.8 |
| | | S/T | 0.76 | 0.69 | 0.56 | 0.42 | 0.77 | 0.69 | 0.56 | 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 | 24 | 22 | 18 | 15 | 24 | 22 | 18 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 18 | 15 | 24 | 22 | 18 | 14 | 25 | 23 | 19 | 16 | |
| | kW | 2.03 | 2.02 | 2.02 | 2.04 | 2.25 | 2.25 | 2.25 | 2.26 | 2.50 | 2.50 | 2.50 | 2.51 | 2.77 | 2.77 | 2.77 | 2.79 | 3.08 | 3.08 | 3.07 | 3.09 | 3.44 | 3.43 | 3.43 | 3.45 | |
| | Amps | 7.6 | 7.6 | 7.6 | 7.7 | 8.7 | 8.6 | 8.6 | 8.7 | 9.8 | 9.8 | 9.8 | 9.9 | 11.1 | 11.0 | 11.0 | 11.1 | 12.4 | 12.4 | 12.4 | 12.5 | 14.1 | 14.1 | 14.1 | 14.1 | |
| | Hi PR | 250 | 251 | 253 | 257 | 289 | 290 | 292 | 296 | 330 | 331 | 333 | 337 | 374 | 375 | 377 | 381 | 422 | 423 | 424 | 429 | 472 | 473 | 475 | 479 | |
| | Lo PR | 121 | 123 | 126 | 131 | 129 | 130 | 133 | 138 | 135 | 136 | 139 | 145 | 140 | 142 | 145 | 150 | 146 | 147 | 150 | 155 | 152 | 154 | 157 | 162 | |
| | 1200 | MBh | 35.0 | 35.5 | 36.5 | 38.0 | 34.7 | 35.2 | 36.2 | 37.7 | 33.9 | 34.3 | 35.3 | 36.9 | 32.3 | 32.8 | 33.8 | 35.4 | 30.5 | 31.0 | 32.0 | 33.5 | 28.8 | 29.3 | 30.3 | 31.8 |
| | | 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 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 21 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 16 | 13 | 23 | 21 | 18 | 14 | |
| kW | 2.04 | 2.04 | 2.04 | 2.05 | 2.27 | 2.27 | 2.26 | 2.28 | 2.52 | 2.52 | 2.51 | 2.53 | 2.79 | 2.79 | 2.79 | 2.80 | 3.10 | 3.09 | 3.09 | 3.11 | 3.45 | 3.45 | 3.45 | 3.46 | | |
| Amps | 7.7 | 7.7 | 7.7 | 7.8 | 8.7 | 8.7 | 8.7 | 8.8 | 9.9 | 9.9 | 9.9 | 9.9 | 11.1 | 11.1 | 11.1 | 11.2 | 12.5 | 12.5 | 12.5 | 12.6 | 14.2 | 14.1 | 14.1 | 14.2 | | |
| Hi PR | 254 | 255 | 256 | 261 | 293 | 294 | 295 | 300 | 334 | 335 | 336 | 341 | 378 | 379 | 380 | 385 | 425 | 426 | 428 | 432 | 476 | 477 | 479 | 483 | | |
| Lo PR | 125 | 126 | 129 | 134 | 132 | 134 | 137 | 142 | 138 | 140 | 143 | 148 | 144 | 145 | 148 | 153 | 149 | 151 | 154 | 159 | 156 | 157 | 160 | 165 | | |
| 1350 | MBh | 35.9 | 36.4 | 37.4 | 38.9 | 35.6 | 36.1 | 37.1 | 38.6 | 34.8 | 35.2 | 36.2 | 37.8 | 33.2 | 33.7 | 34.7 | 36.3 | 31.4 | 31.9 | 32.9 | 34.4 | 29.7 | 30.2 | 31.2 | 32.7 | |
| | S/T | 0.80 | 0.72 | 0.59 | 0.46 | 1.00 | 0.73 | 0.60 | 0.46 | 1.00 | 0.75 | 0.62 | 0.49 | 1.00 | 0.77 | 0.64 | 0.51 | 1.00 | 0.79 | 0.66 | 0.53 | 1.00 | 1.00 | 0.71 | 0.58 | |
| ΔT | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 21 | 20 | 16 | 12 | 21 | 19 | 16 | 12 | 21 | 19 | 15 | 12 | 22 | 20 | 17 | 13 | | |
| kW | 2.05 | 2.05 | 2.05 | 2.06 | 2.28 | 2.28 | 2.27 | 2.29 | 2.53 | 2.53 | 2.52 | 2.54 | 2.80 | 2.80 | 2.80 | 2.81 | 3.11 | 3.10 | 3.10 | 3.12 | 3.46 | 3.46 | 3.46 | 3.47 | | |
| Amps | 7.7 | 7.7 | 7.7 | 7.8 | 8.8 | 8.8 | 8.7 | 8.8 | 9.9 | 9.9 | 9.9 | 10.0 | 11.2 | 11.2 | 11.1 | 11.2 | 12.6 | 12.6 | 12.5 | 12.6 | 14.2 | 14.2 | 14.2 | 14.3 | | |
| Hi PR | 256 | 257 | 259 | 263 | 295 | 296 | 298 | 302 | 336 | 337 | 339 | 343 | 380 | 381 | 383 | 387 | 428 | 429 | 431 | 435 | 479 | 480 | 481 | 486 | | |
| Lo PR | 128 | 129 | 132 | 138 | 135 | 137 | 140 | 145 | 142 | 143 | 146 | 151 | 147 | 148 | 151 | 157 | 152 | 154 | 157 | 162 | 159 | 160 | 163 | 168 | | |

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 — GSZ140371A* / ARUF37C14A*+TXV (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 | 34.2 | 34.7 | 35.7 | 37.2 | 33.9 | 34.4 | 35.4 | 36.9 | 33.0 | 33.5 | 34.5 | 36.0 | 31.5 | 32.0 | 33.0 | 34.5 | 29.7 | 30.2 | 31.2 | 32.7 | 28.0 | 28.5 | 29.5 | 31.0 |
| | S/T | 0.88 | 0.81 | 0.68 | 0.54 | 1.00 | 0.81 | 0.68 | 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 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 22 | 19 | 29 | 27 | 24 | 20 |
| | kW | 2.03 | 2.02 | 2.02 | 2.04 | 2.25 | 2.25 | 2.25 | 2.26 | 2.50 | 2.50 | 2.50 | 2.52 | 2.78 | 2.77 | 2.77 | 2.79 | 3.08 | 3.08 | 3.07 | 3.09 | 3.44 | 3.44 | 3.43 | 3.45 |
| | Amps | 7.6 | 7.6 | 7.6 | 7.7 | 8.7 | 8.7 | 8.6 | 8.7 | 9.8 | 9.8 | 9.8 | 9.9 | 11.1 | 11.0 | 11.0 | 11.1 | 12.4 | 12.4 | 12.4 | 12.5 | 14.1 | 14.1 | 14.1 | 14.1 |
| | Hi PR | 250 | 252 | 253 | 258 | 290 | 291 | 292 | 297 | 330 | 332 | 333 | 338 | 375 | 376 | 377 | 382 | 422 | 423 | 425 | 429 | 473 | 474 | 476 | 480 |
| Lo PR | 122 | 123 | 126 | 131 | 129 | 131 | 134 | 139 | 135 | 137 | 140 | 145 | 141 | 142 | 145 | 150 | 146 | 148 | 151 | 156 | 153 | 154 | 157 | 162 | |
| 80 | MBh | 35.2 | 35.7 | 36.7 | 38.2 | 34.9 | 35.4 | 36.4 | 37.9 | 34.0 | 34.5 | 35.5 | 37.0 | 32.5 | 33.0 | 34.0 | 35.5 | 30.7 | 31.1 | 32.1 | 33.7 | 29.0 | 29.5 | 30.5 | 32.0 |
| | 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 | 1.00 | 0.77 | 0.63 | 1.00 | 1.00 | 0.79 | 0.65 | 1.00 | 1.00 | 0.84 | 0.70 |
| | ΔT | 27 | 25 | 21 | 17 | 26 | 25 | 21 | 17 | 27 | 25 | 21 | 17 | 26 | 25 | 21 | 17 | 26 | 24 | 21 | 17 | 27 | 25 | 22 | 18 |
| | kW | 2.04 | 2.04 | 2.04 | 2.05 | 2.27 | 2.27 | 2.26 | 2.28 | 2.52 | 2.52 | 2.51 | 2.53 | 2.79 | 2.79 | 2.79 | 2.80 | 3.10 | 3.09 | 3.09 | 3.11 | 3.45 | 3.45 | 3.45 | 3.47 |
| | Amps | 7.7 | 7.7 | 7.7 | 7.8 | 8.7 | 8.7 | 8.7 | 8.8 | 9.9 | 9.9 | 9.9 | 9.9 | 11.1 | 11.1 | 11.1 | 11.2 | 12.5 | 12.5 | 12.5 | 12.6 | 14.2 | 14.1 | 14.1 | 14.2 |
| | Hi PR | 254 | 255 | 257 | 261 | 293 | 294 | 296 | 300 | 334 | 335 | 337 | 341 | 378 | 379 | 381 | 385 | 426 | 427 | 428 | 433 | 476 | 477 | 479 | 484 |
| Lo PR | 125 | 127 | 130 | 135 | 133 | 134 | 137 | 142 | 139 | 141 | 144 | 149 | 144 | 146 | 149 | 154 | 150 | 151 | 154 | 159 | 156 | 158 | 161 | 166 | |
| 1350 | MBh | 36.1 | 36.6 | 37.6 | 39.1 | 35.8 | 36.3 | 37.3 | 38.8 | 34.9 | 35.4 | 36.4 | 37.9 | 33.4 | 33.9 | 34.9 | 36.4 | 31.6 | 32.0 | 33.1 | 34.6 | 29.9 | 30.4 | 31.4 | 32.9 |
| | S/T | 1.00 | 0.84 | 0.71 | 0.58 | 1.00 | 0.85 | 0.72 | 0.58 | 1.00 | 0.87 | 0.74 | 0.61 | 1.00 | 1.00 | 0.76 | 0.63 | 1.00 | 1.00 | 0.78 | 0.65 | 1.00 | 1.00 | 0.83 | 0.70 |
| | ΔT | 26 | 24 | 20 | 16 | 25 | 24 | 20 | 16 | 26 | 24 | 20 | 17 | 25 | 24 | 20 | 16 | 25 | 23 | 20 | 16 | 26 | 24 | 21 | 17 |
| | kW | 2.05 | 2.05 | 2.05 | 2.06 | 2.28 | 2.28 | 2.27 | 2.29 | 2.53 | 2.53 | 2.52 | 2.54 | 2.80 | 2.80 | 2.80 | 2.81 | 3.11 | 3.10 | 3.10 | 3.12 | 3.46 | 3.46 | 3.46 | 3.47 |
| | Amps | 7.7 | 7.7 | 7.7 | 7.8 | 8.8 | 8.8 | 8.8 | 8.8 | 9.9 | 9.9 | 9.9 | 10.0 | 11.2 | 11.2 | 11.2 | 11.2 | 12.6 | 12.6 | 12.5 | 12.6 | 14.2 | 14.2 | 14.2 | 14.3 |
| | Hi PR | 257 | 258 | 260 | 264 | 296 | 297 | 299 | 303 | 337 | 338 | 340 | 344 | 381 | 382 | 384 | 388 | 428 | 429 | 431 | 435 | 479 | 480 | 482 | 486 |
| Lo PR | 128 | 130 | 133 | 138 | 136 | 137 | 140 | 145 | 142 | 144 | 147 | 152 | 147 | 149 | 152 | 157 | 153 | 154 | 157 | 162 | 159 | 161 | 164 | 169 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85 | MBh | 34.8 | 35.2 | 36.3 | 37.8 | 34.5 | 34.9 | 36.0 | 37.5 | 33.6 | 34.1 | 35.1 | 36.6 | 32.1 | 32.6 | 33.6 | 35.1 | 30.2 | 30.7 | 31.7 | 33.3 | 28.6 | 29.0 | 30.0 | 31.6 |
| | S/T | 1.00 | 0.91 | 0.78 | 0.64 | 1.00 | 0.91 | 0.78 | 0.64 | 1.00 | 1.00 | 0.81 | 0.67 | 1.00 | 1.00 | 0.82 | 0.69 | 1.00 | 1.00 | 0.85 | 0.71 | 1.00 | 1.00 | 1.00 | 0.76 |
| | ΔT | 32 | 30 | 26 | 23 | 32 | 30 | 26 | 23 | 32 | 30 | 27 | 23 | 32 | 30 | 26 | 23 | 32 | 30 | 26 | 22 | 33 | 31 | 27 | 24 |
| | kW | 2.03 | 2.03 | 2.03 | 2.04 | 2.26 | 2.25 | 2.25 | 2.27 | 2.51 | 2.51 | 2.50 | 2.52 | 2.78 | 2.78 | 2.77 | 2.79 | 3.08 | 3.08 | 3.08 | 3.10 | 3.44 | 3.44 | 3.44 | 3.45 |
| | Amps | 7.6 | 7.6 | 7.6 | 7.7 | 8.7 | 8.7 | 8.7 | 8.7 | 9.8 | 9.8 | 9.8 | 9.9 | 11.1 | 11.1 | 11.1 | 11.1 | 12.5 | 12.5 | 12.4 | 12.5 | 14.1 | 14.1 | 14.1 | 14.2 |
| | Hi PR | 252 | 253 | 254 | 259 | 291 | 292 | 293 | 298 | 332 | 333 | 334 | 339 | 376 | 377 | 379 | 383 | 423 | 424 | 426 | 430 | 474 | 475 | 477 | 481 |
| Lo PR | 124 | 125 | 128 | 133 | 131 | 132 | 135 | 140 | 137 | 139 | 142 | 147 | 143 | 144 | 147 | 152 | 148 | 149 | 152 | 158 | 155 | 156 | 159 | 164 | |
| 1200 | MBh | 35.8 | 36.2 | 37.2 | 38.8 | 35.5 | 35.9 | 36.9 | 38.5 | 34.6 | 35.1 | 36.1 | 37.6 | 33.1 | 33.6 | 34.6 | 36.1 | 31.2 | 31.7 | 32.7 | 34.2 | 29.6 | 30.0 | 31.0 | 32.6 |
| | S/T | 1.00 | 0.95 | 0.82 | 0.68 | 1.00 | 1.00 | 0.82 | 0.69 | 1.00 | 1.00 | 0.85 | 0.71 | 1.00 | 1.00 | 0.87 | 0.73 | 1.00 | 1.00 | 0.89 | 0.75 | 1.00 | 1.00 | 1.00 | 0.80 |
| | ΔT | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 31 | 29 | 25 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 24 | 21 | 31 | 29 | 26 | 22 |
| | kW | 2.05 | 2.05 | 2.04 | 2.06 | 2.27 | 2.27 | 2.27 | 2.28 | 2.52 | 2.52 | 2.52 | 2.54 | 2.80 | 2.79 | 2.79 | 2.81 | 3.10 | 3.10 | 3.10 | 3.11 | 3.46 | 3.46 | 3.45 | 3.47 |
| | Amps | 7.7 | 7.7 | 7.7 | 7.8 | 8.8 | 8.7 | 8.7 | 8.8 | 9.9 | 9.9 | 9.9 | 10.0 | 11.2 | 11.1 | 11.1 | 11.2 | 12.5 | 12.5 | 12.5 | 12.6 | 14.2 | 14.2 | 14.2 | 14.2 |
| | Hi PR | 255 | 256 | 258 | 262 | 294 | 295 | 297 | 301 | 335 | 336 | 338 | 342 | 379 | 380 | 382 | 386 | 427 | 428 | 430 | 434 | 478 | 479 | 480 | 485 |
| Lo PR | 127 | 129 | 132 | 137 | 134 | 136 | 139 | 144 | 141 | 142 | 145 | 150 | 146 | 148 | 151 | 156 | 151 | 153 | 156 | 161 | 158 | 160 | 163 | 168 | |
| 1350 | MBh | 36.7 | 37.1 | 38.1 | 39.7 | 36.4 | 36.8 | 37.8 | 39.4 | 35.5 | 36.0 | 37.0 | 38.5 | 34.0 | 34.5 | 35.5 | 37.0 | 32.1 | 32.6 | 33.6 | 35.1 | 30.5 | 30.9 | 31.9 | 33.5 |
| | S/T | 1.00 | 0.94 | 0.81 | 0.67 | 1.00 | 1.00 | 0.82 | 0.68 | 1.00 | 1.00 | 0.84 | 0.70 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 0.90 | 0.74 | 1.00 | 1.00 | 1.00 | 0.79 |
| | ΔT | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 30 | 28 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 23 | 20 | 30 | 28 | 25 | 21 |
| | kW | 2.06 | 2.06 | 2.05 | 2.07 | 2.28 | 2.28 | 2.28 | 2.29 | 2.53 | 2.53 | 2.53 | 2.55 | 2.81 | 2.80 | 2.80 | 2.82 | 3.11 | 3.11 | 3.11 | 3.12 | 3.47 | 3.47 | 3.46 | 3.48 |
| | Amps | 7.8 | 7.8 | 7.7 | 7.8 | 8.8 | 8.8 | 8.8 | 8.9 | 10.0 | 9.9 | 9.9 | 10.0 | 11.2 | 11.2 | 11.2 | 11.2 | 12.6 | 12.6 | 12.6 | 12.6 | 14.2 | 14.2 | 14.2 | 14.3 |
| | Hi PR | 258 | 259 | 261 | 265 | 297 | 298 | 300 | 304 | 338 | 339 | 341 | 345 | 382 | 383 | 385 | 389 | 430 | 431 | 432 | 437 | 480 | 481 | 483 | 487 |
| Lo PR | 130 | 132 | 135 | 140 | 137 | 139 | 142 | 147 | 144 | 145 | 148 | 153 | 149 | 151 | 154 | 159 | 155 | 156 | 159 | 164 | 161 | 163 | 166 | 171 | |

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)

| IDB | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|------|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | |
| 70 | 1300 | MBh | 40.2 | 40.8 | 41.9 | - | 39.8 | 40.4 | 41.6 | - | 38.8 | 39.4 | 40.6 | - | 37.0 | 37.6 | 38.8 | - | 34.8 | 35.4 | 36.6 | - | 32.9 | 33.4 | 34.6 | - |
| | | S/T | 0.66 | 0.59 | 0.45 | - | 0.67 | 0.59 | 0.46 | - | 0.69 | 0.62 | 0.48 | - | 1.00 | 0.64 | 0.50 | - | 1.00 | 0.66 | 0.52 | - | 1.00 | 0.71 | 0.58 | - |
| | | ΔT | 18 | 17 | 13 | - | 18 | 16 | 13 | - | 19 | 17 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 19 | 17 | 14 | - |
| | | kW | 2.44 | 2.44 | 2.44 | - | 2.72 | 2.72 | 2.72 | - | 3.03 | 3.03 | 3.03 | - | 3.37 | 3.37 | 3.36 | - | 3.74 | 3.74 | 3.73 | - | 4.18 | 4.18 | 4.17 | - |
| | | Amps | 9.0 | 9.0 | 8.9 | - | 10.2 | 10.2 | 10.2 | - | 11.7 | 11.6 | 11.6 | - | 13.2 | 13.2 | 13.2 | - | 14.9 | 14.9 | 14.9 | - | 16.9 | 16.9 | 16.9 | - |
| | | HI/PR | 254 | 255 | 257 | - | 294 | 295 | 297 | - | 335 | 337 | 338 | - | 380 | 381 | 383 | - | 429 | 430 | 431 | - | 480 | 481 | 483 | - |
| | LO/PR | 124 | 125 | 129 | - | 131 | 133 | 136 | - | 138 | 139 | 143 | - | 143 | 145 | 148 | - | 149 | 150 | 153 | - | 156 | 157 | 160 | - | |
| | 1400 | MBh | 40.6 | 41.1 | 42.3 | - | 40.2 | 40.8 | 42.0 | - | 39.2 | 39.7 | 40.9 | - | 37.4 | 38.0 | 39.1 | - | 35.2 | 35.8 | 37.0 | - | 33.2 | 33.8 | 35.0 | - |
| | | S/T | 0.69 | 0.61 | 0.48 | - | 0.69 | 0.62 | 0.48 | - | 0.72 | 0.64 | 0.51 | - | 1.00 | 0.66 | 0.53 | - | 1.00 | 0.68 | 0.55 | - | 1.00 | 0.73 | 0.60 | - |
| | | ΔT | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 17 | 16 | 12 | - | 19 | 17 | 13 | - |
| | | kW | 2.45 | 2.45 | 2.45 | - | 2.73 | 2.73 | 2.72 | - | 3.04 | 3.04 | 3.03 | - | 3.37 | 3.37 | 3.37 | - | 3.75 | 3.75 | 3.74 | - | 4.19 | 4.19 | 4.18 | - |
| | | Amps | 9.0 | 9.0 | 9.0 | - | 10.3 | 10.3 | 10.2 | - | 11.7 | 11.7 | 11.7 | - | 13.2 | 13.2 | 13.2 | - | 14.9 | 14.9 | 14.9 | - | 17.0 | 16.9 | 16.9 | - |
| HI/PR | | 255 | 256 | 258 | - | 295 | 296 | 298 | - | 337 | 338 | 340 | - | 382 | 383 | 384 | - | 430 | 431 | 433 | - | 481 | 483 | 484 | - | |
| LO/PR | 125 | 127 | 130 | - | 133 | 134 | 137 | - | 139 | 141 | 144 | - | 145 | 146 | 149 | - | 150 | 152 | 155 | - | 157 | 158 | 161 | - | | |
| 1575 | MBh | 41.3 | 41.9 | 43.1 | - | 41.0 | 41.5 | 42.7 | - | 39.9 | 40.5 | 41.7 | - | 38.2 | 38.7 | 39.9 | - | 36.0 | 36.5 | 37.7 | - | 34.0 | 34.6 | 35.7 | - | |
| | S/T | 0.71 | 0.63 | 0.50 | - | 0.71 | 0.64 | 0.50 | - | 0.74 | 0.66 | 0.53 | - | 1.00 | 0.68 | 0.55 | - | 1.00 | 0.70 | 0.57 | - | 1.00 | 0.75 | 0.62 | - | |
| | ΔT | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 11 | - | 18 | 16 | 13 | - | |
| | kW | 2.46 | 2.46 | 2.46 | - | 2.74 | 2.74 | 2.74 | - | 3.05 | 3.05 | 3.04 | - | 3.39 | 3.38 | 3.38 | - | 3.76 | 3.76 | 3.75 | - | 4.20 | 4.20 | 4.19 | - | |
| | Amps | 9.1 | 9.0 | 9.0 | - | 10.3 | 10.3 | 10.3 | - | 11.7 | 11.7 | 11.7 | - | 13.3 | 13.3 | 13.2 | - | 15.0 | 15.0 | 15.0 | - | 17.0 | 17.0 | 17.0 | - | |
| | HI/PR | 258 | 259 | 260 | - | 297 | 298 | 300 | - | 339 | 340 | 342 | - | 384 | 385 | 387 | - | 432 | 433 | 435 | - | 484 | 485 | 487 | - | |
| LO/PR | 127 | 129 | 132 | - | 135 | 136 | 140 | - | 141 | 143 | 146 | - | 147 | 148 | 152 | - | 152 | 154 | 157 | - | 159 | 161 | 164 | - | | |
| 75 | 1300 | MBh | 40.2 | 40.8 | 42.0 | 43.8 | 39.9 | 40.4 | 41.6 | 43.4 | 38.8 | 39.4 | 40.6 | 42.4 | 37.0 | 37.6 | 38.8 | 40.6 | 34.9 | 35.4 | 36.6 | 38.4 | 32.9 | 33.4 | 34.6 | 36.4 |
| | | S/T | 0.79 | 0.72 | 0.58 | 0.44 | 0.80 | 0.72 | 0.59 | 0.44 | 1.00 | 0.75 | 0.61 | 0.47 | 1.00 | 0.77 | 0.63 | 0.49 | 1.00 | 0.79 | 0.65 | 0.51 | 1.00 | 1.00 | 0.70 | 0.56 |
| | | ΔT | 22 | 20 | 17 | 14 | 22 | 20 | 17 | 14 | 22 | 21 | 17 | 14 | 22 | 20 | 17 | 14 | 22 | 20 | 17 | 13 | 23 | 21 | 18 | 14 |
| | | kW | 2.44 | 2.44 | 2.44 | 2.46 | 2.72 | 2.72 | 2.71 | 2.73 | 3.03 | 3.03 | 3.02 | 3.04 | 3.37 | 3.36 | 3.36 | 3.38 | 3.74 | 3.74 | 3.73 | 3.75 | 4.18 | 4.18 | 4.17 | 4.19 |
| | | Amps | 9.0 | 9.0 | 8.9 | 9.0 | 10.2 | 10.2 | 10.2 | 10.3 | 11.6 | 11.6 | 11.6 | 11.7 | 13.2 | 13.2 | 13.2 | 13.2 | 14.9 | 14.9 | 14.9 | 15.0 | 16.9 | 16.9 | 16.9 | 17.0 |
| | | HI/PR | 254 | 255 | 257 | 261 | 294 | 295 | 297 | 301 | 336 | 337 | 338 | 343 | 380 | 382 | 383 | 388 | 429 | 430 | 432 | 436 | 480 | 481 | 483 | 488 |
| | LO/PR | 124 | 126 | 129 | 134 | 131 | 133 | 136 | 141 | 138 | 139 | 143 | 148 | 143 | 145 | 148 | 153 | 149 | 150 | 153 | 159 | 156 | 157 | 160 | 165 | |
| | 1400 | MBh | 40.6 | 41.2 | 42.3 | 44.2 | 40.2 | 40.8 | 42.0 | 43.8 | 39.2 | 39.8 | 40.9 | 42.8 | 37.4 | 38.0 | 39.2 | 41.0 | 35.2 | 35.8 | 37.0 | 38.8 | 33.3 | 33.8 | 35.0 | 36.8 |
| | | S/T | 0.82 | 0.74 | 0.60 | 0.46 | 0.82 | 0.75 | 0.61 | 0.47 | 1.00 | 0.77 | 0.64 | 0.49 | 1.00 | 0.79 | 0.65 | 0.51 | 1.00 | 0.81 | 0.68 | 0.53 | 1.00 | 1.00 | 0.73 | 0.59 |
| | | ΔT | 22 | 20 | 17 | 13 | 22 | 20 | 16 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 16 | 13 | 21 | 20 | 16 | 13 | 22 | 21 | 17 | 14 |
| | | kW | 2.45 | 2.45 | 2.44 | 2.47 | 2.73 | 2.73 | 2.72 | 2.74 | 3.04 | 3.04 | 3.03 | 3.05 | 3.37 | 3.37 | 3.37 | 3.39 | 3.75 | 3.75 | 3.74 | 3.76 | 4.19 | 4.18 | 4.18 | 4.20 |
| | | Amps | 9.0 | 9.0 | 9.0 | 9.1 | 10.3 | 10.3 | 10.2 | 10.3 | 11.7 | 11.7 | 11.7 | 11.7 | 13.2 | 13.2 | 13.2 | 13.3 | 14.9 | 14.9 | 14.9 | 15.0 | 16.9 | 16.9 | 16.9 | 17.0 |
| HI/PR | | 256 | 257 | 258 | 263 | 295 | 296 | 298 | 303 | 337 | 338 | 340 | 344 | 382 | 383 | 385 | 389 | 430 | 431 | 433 | 437 | 482 | 483 | 485 | 489 | |
| LO/PR | 125 | 127 | 130 | 135 | 133 | 134 | 137 | 142 | 139 | 141 | 144 | 149 | 145 | 146 | 149 | 154 | 150 | 152 | 155 | 160 | 157 | 158 | 161 | 167 | | |
| 1575 | MBh | 41.4 | 41.9 | 43.1 | 44.9 | 41.0 | 41.6 | 42.7 | 44.6 | 40.0 | 40.5 | 41.7 | 43.5 | 38.2 | 38.7 | 39.9 | 41.7 | 36.0 | 36.6 | 37.7 | 39.6 | 34.0 | 34.6 | 35.8 | 37.6 | |
| | S/T | 0.84 | 0.76 | 0.62 | 0.48 | 1.00 | 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 | |
| | ΔT | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 20 | 19 | 15 | 12 | 22 | 20 | 16 | 13 | |
| | kW | 2.46 | 2.46 | 2.46 | 2.48 | 2.74 | 2.74 | 2.73 | 2.75 | 3.05 | 3.05 | 3.04 | 3.06 | 3.39 | 3.38 | 3.38 | 3.40 | 3.76 | 3.76 | 3.75 | 3.77 | 4.20 | 4.20 | 4.19 | 4.21 | |
| | Amps | 9.1 | 9.0 | 9.0 | 9.1 | 10.3 | 10.3 | 10.3 | 10.4 | 11.7 | 11.7 | 11.7 | 11.8 | 13.3 | 13.2 | 13.2 | 13.3 | 15.0 | 15.0 | 15.0 | 15.1 | 17.0 | 17.0 | 17.0 | 17.1 | |
| | HI/PR | 258 | 259 | 261 | 265 | 298 | 299 | 300 | 305 | 339 | 340 | 342 | 346 | 384 | 385 | 387 | 391 | 432 | 433 | 435 | 440 | 484 | 485 | 487 | 491 | |
| LO/PR | 128 | 129 | 132 | 137 | 135 | 136 | 140 | 145 | 141 | 143 | 146 | 151 | 147 | 148 | 152 | 157 | 152 | 154 | 157 | 162 | 159 | 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 ACCA (TVA) Rating Conditions.
 kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

EXPANDED COOLING DATA — GSZ140421K* + ARUF43C14** + TXV (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 | 1300 | MBh | 40.4 | 41.0 | 42.2 | 44.0 | 40.1 | 40.6 | 41.8 | 43.6 | 39.0 | 39.6 | 40.8 | 42.6 | 37.3 | 37.8 | 39.0 | 40.8 | 35.1 | 35.6 | 36.8 | 38.6 | 33.1 | 33.6 | 34.8 | 36.6 |
| | | S/T | 1.00 | 0.84 | 0.71 | 0.56 | 1.00 | 0.85 | 0.71 | 0.57 | 1.00 | 0.87 | 0.74 | 0.59 | 1.00 | 1.00 | 0.76 | 0.61 | 1.00 | 1.00 | 0.78 | 0.64 | 1.00 | 1.00 | 0.83 | 0.69 |
| | | 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 | 2.44 | 2.44 | 2.44 | 2.46 | 2.72 | 2.72 | 2.72 | 2.74 | 3.03 | 3.03 | 3.02 | 3.05 | 3.37 | 3.36 | 3.36 | 3.38 | 3.74 | 3.74 | 3.73 | 3.76 | 4.18 | 4.18 | 4.17 | 4.20 |
| | | Amps | 9.0 | 9.0 | 8.9 | 9.0 | 10.2 | 10.2 | 10.2 | 10.3 | 11.7 | 11.6 | 11.6 | 11.7 | 13.2 | 13.2 | 13.2 | 13.3 | 14.9 | 14.9 | 14.9 | 15.0 | 16.9 | 16.9 | 16.9 | 17.0 |
| | 1400 | HI PR | 255 | 256 | 258 | 262 | 294 | 296 | 297 | 302 | 336 | 337 | 339 | 343 | 381 | 382 | 384 | 388 | 429 | 430 | 432 | 437 | 481 | 482 | 484 | 488 |
| | | LO PR | 125 | 126 | 129 | 134 | 132 | 133 | 137 | 142 | 138 | 140 | 143 | 148 | 144 | 145 | 149 | 154 | 149 | 151 | 154 | 159 | 156 | 158 | 161 | 166 |
| | | MBh | 40.8 | 41.4 | 42.5 | 44.4 | 40.4 | 41.0 | 42.2 | 44.0 | 39.4 | 40.0 | 41.2 | 43.0 | 37.6 | 38.2 | 39.4 | 41.2 | 35.4 | 36.0 | 37.2 | 39.0 | 33.5 | 34.0 | 35.2 | 37.0 |
| | | S/T | 1.00 | 0.86 | 0.73 | 0.59 | 1.00 | 0.87 | 0.74 | 0.59 | 1.00 | 0.90 | 0.76 | 0.62 | 1.00 | 1.00 | 0.78 | 0.64 | 1.00 | 1.00 | 0.80 | 0.66 | 1.00 | 1.00 | 0.85 | 0.71 |
| | | ΔT | 26 | 24 | 21 | 17 | 26 | 24 | 20 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 20 | 17 | 25 | 24 | 20 | 17 | 26 | 25 | 21 | 18 |
| 1575 | kW | 2.45 | 2.45 | 2.45 | 2.47 | 2.73 | 2.73 | 2.72 | 2.74 | 3.04 | 3.04 | 3.03 | 3.05 | 3.37 | 3.37 | 3.37 | 3.39 | 3.75 | 3.75 | 3.74 | 3.76 | 4.19 | 4.19 | 4.18 | 4.20 | |
| | Amps | 9.0 | 9.0 | 9.0 | 9.1 | 10.3 | 10.3 | 10.2 | 10.3 | 11.7 | 11.7 | 11.7 | 11.8 | 13.2 | 13.2 | 13.2 | 13.3 | 14.9 | 14.9 | 14.9 | 15.0 | 16.9 | 16.9 | 16.9 | 17.0 | |
| | HI PR | 256 | 257 | 259 | 263 | 296 | 297 | 299 | 303 | 337 | 338 | 340 | 345 | 382 | 383 | 385 | 389 | 431 | 432 | 433 | 438 | 482 | 483 | 485 | 489 | |
| | LO PR | 126 | 127 | 130 | 136 | 133 | 135 | 138 | 143 | 140 | 141 | 144 | 150 | 145 | 147 | 150 | 155 | 151 | 152 | 155 | 160 | 157 | 159 | 162 | 167 | |
| | MBh | 41.6 | 42.1 | 43.3 | 45.1 | 41.2 | 41.8 | 43.0 | 44.8 | 40.2 | 40.7 | 41.9 | 43.7 | 38.4 | 38.9 | 40.1 | 41.9 | 36.2 | 36.8 | 38.0 | 39.8 | 34.2 | 34.8 | 36.0 | 37.8 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85 | 1300 | MBh | 41.1 | 41.7 | 42.8 | 44.7 | 40.7 | 41.3 | 42.5 | 44.3 | 39.7 | 40.3 | 41.5 | 43.3 | 37.9 | 38.5 | 39.7 | 41.5 | 35.7 | 36.3 | 37.5 | 39.3 | 33.8 | 34.3 | 35.5 | 37.3 |
| | | S/T | 1.00 | 0.94 | 0.81 | 0.66 | 1.00 | 0.95 | 0.81 | 0.67 | 1.00 | 1.00 | 0.84 | 0.70 | 1.00 | 1.00 | 0.86 | 0.71 | 1.00 | 1.00 | 0.88 | 0.74 | 1.00 | 1.00 | 1.00 | 0.79 |
| | | 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 | 2.45 | 2.45 | 2.44 | 2.46 | 2.73 | 2.73 | 2.72 | 2.74 | 3.04 | 3.03 | 3.03 | 3.05 | 3.37 | 3.37 | 3.37 | 3.39 | 3.75 | 3.74 | 3.74 | 3.76 | 4.19 | 4.18 | 4.18 | 4.20 |
| | | Amps | 9.0 | 9.0 | 9.0 | 9.1 | 10.3 | 10.3 | 10.2 | 10.3 | 11.7 | 11.7 | 11.6 | 11.7 | 13.2 | 13.2 | 13.2 | 13.3 | 14.9 | 14.9 | 14.9 | 15.0 | 16.9 | 16.9 | 16.9 | 17.0 |
| | 1400 | HI PR | 256 | 257 | 259 | 263 | 296 | 297 | 299 | 303 | 337 | 338 | 340 | 345 | 382 | 383 | 385 | 389 | 430 | 432 | 433 | 438 | 482 | 483 | 485 | 489 |
| | | LO PR | 126 | 128 | 131 | 136 | 134 | 135 | 138 | 144 | 140 | 142 | 145 | 150 | 146 | 147 | 150 | 156 | 151 | 153 | 156 | 161 | 158 | 159 | 163 | 168 |
| | | MBh | 41.5 | 42.0 | 43.2 | 45.0 | 41.1 | 41.7 | 42.9 | 44.7 | 40.1 | 40.6 | 41.8 | 43.6 | 38.3 | 38.9 | 40.0 | 41.9 | 36.1 | 36.7 | 37.9 | 39.7 | 34.1 | 34.7 | 35.9 | 37.7 |
| | | S/T | 1.00 | 0.97 | 0.83 | 0.69 | 1.00 | 1.00 | 0.84 | 0.69 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 0.88 | 0.74 | 1.00 | 1.00 | 0.90 | 0.76 | 1.00 | 1.00 | 1.00 | 0.81 |
| | | ΔT | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 21 | 29 | 28 | 24 | 21 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 30 | 28 | 25 | 21 |
| 1575 | kW | 2.46 | 2.46 | 2.45 | 2.47 | 2.74 | 2.73 | 2.73 | 2.75 | 3.04 | 3.04 | 3.04 | 3.06 | 3.38 | 3.38 | 3.37 | 3.39 | 3.75 | 3.75 | 3.75 | 3.77 | 4.19 | 4.19 | 4.19 | 4.21 | |
| | 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 | 13.2 | 13.2 | 13.2 | 13.3 | 15.0 | 15.0 | 14.9 | 15.0 | 17.0 | 17.0 | 16.9 | 17.0 | |
| | HI PR | 257 | 258 | 260 | 264 | 297 | 298 | 300 | 304 | 339 | 340 | 341 | 346 | 383 | 384 | 386 | 391 | 432 | 433 | 435 | 439 | 483 | 484 | 486 | 491 | |
| | LO PR | 128 | 129 | 132 | 137 | 135 | 137 | 140 | 145 | 142 | 143 | 146 | 151 | 147 | 149 | 152 | 157 | 152 | 154 | 157 | 162 | 159 | 161 | 164 | 169 | |
| | MBh | 42.2 | 42.8 | 44.0 | 45.8 | 41.9 | 42.4 | 43.6 | 45.4 | 40.8 | 41.4 | 42.6 | 44.4 | 39.1 | 39.6 | 40.8 | 42.6 | 36.9 | 37.4 | 38.6 | 40.4 | 34.9 | 35.4 | 36.6 | 38.4 | |

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)

| 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 | 45.9 | 46.5 | 47.9 | - | 45.5 | 46.1 | 47.5 | - | 44.3 | 44.9 | 46.3 | - | 42.2 | 42.9 | 44.2 | - | 39.7 | 40.4 | 41.7 | - | 37.4 | 38.1 | 39.4 | - |
| | S/T | 0.64 | 0.56 | 0.42 | - | 0.65 | 0.57 | 0.43 | - | 0.67 | 0.59 | 0.45 | - | 0.69 | 0.61 | 0.47 | - | 1.00 | 0.64 | 0.50 | - | 1.00 | 0.69 | 0.55 | - |
| | ΔT | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 20 | 18 | 15 | - |
| | kW | 2.79 | 2.78 | 2.78 | - | 3.11 | 3.10 | 3.10 | - | 3.46 | 3.46 | 3.46 | - | 3.85 | 3.85 | 3.84 | - | 4.28 | 4.28 | 4.28 | - | 4.79 | 4.79 | 4.78 | - |
| | Amps | 10.2 | 10.2 | 10.2 | - | 11.7 | 11.7 | 11.6 | - | 13.3 | 13.3 | 13.3 | - | 15.1 | 15.1 | 15.0 | - | 17.1 | 17.0 | 17.0 | - | 19.4 | 19.4 | 19.3 | - |
| | HI PR | 256 | 257 | 259 | - | 296 | 297 | 299 | - | 338 | 339 | 341 | - | 384 | 385 | 387 | - | 433 | 434 | 436 | - | 485 | 486 | 488 | - |
| | LO PR | 122 | 124 | 127 | - | 130 | 131 | 134 | - | 136 | 138 | 141 | - | 142 | 143 | 146 | - | 147 | 149 | 152 | - | 154 | 156 | 159 | - |
| | MBh | 46.4 | 47.0 | 48.4 | - | 46.0 | 46.6 | 48.0 | - | 44.8 | 45.4 | 46.8 | - | 42.7 | 43.4 | 44.7 | - | 40.2 | 40.9 | 42.2 | - | 37.9 | 38.6 | 39.9 | - |
| | S/T | 0.69 | 0.61 | 0.47 | - | 0.69 | 0.62 | 0.48 | - | 0.72 | 0.64 | 0.50 | - | 1.00 | 0.66 | 0.52 | - | 1.00 | 0.69 | 0.54 | - | 1.00 | 0.74 | 0.60 | - |
| | ΔT | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 19 | 17 | 14 | - |
| kW | 2.80 | 2.80 | 2.79 | - | 3.12 | 3.12 | 3.11 | - | 3.48 | 3.48 | 3.47 | - | 3.87 | 3.86 | 3.86 | - | 4.30 | 4.30 | 4.29 | - | 4.80 | 4.80 | 4.80 | - | |
| Amps | 10.3 | 10.3 | 10.2 | - | 11.7 | 11.7 | 11.7 | - | 13.4 | 13.4 | 13.3 | - | 15.1 | 15.1 | 15.1 | - | 17.1 | 17.1 | 17.1 | - | 19.4 | 19.4 | 19.4 | - | |
| HI PR | 258 | 259 | 260 | - | 298 | 299 | 301 | - | 340 | 341 | 343 | - | 386 | 387 | 388 | - | 435 | 436 | 437 | - | 487 | 488 | 490 | - | |
| LO PR | 124 | 125 | 129 | - | 131 | 133 | 136 | - | 138 | 139 | 142 | - | 143 | 145 | 148 | - | 149 | 150 | 153 | - | 155 | 157 | 160 | - | |
| MBh | 47.3 | 47.9 | 49.3 | - | 46.9 | 47.5 | 48.9 | - | 45.7 | 46.3 | 47.7 | - | 43.6 | 44.3 | 45.6 | - | 41.1 | 41.8 | 43.1 | - | 38.8 | 39.5 | 40.8 | - | |
| S/T | 0.73 | 0.65 | 0.51 | - | 0.73 | 0.66 | 0.52 | - | 0.76 | 0.68 | 0.54 | - | 1.00 | 0.70 | 0.56 | - | 1.00 | 0.72 | 0.58 | - | 1.00 | 0.78 | 0.64 | - | |
| ΔT | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 18 | 16 | 13 | - | |
| kW | 2.82 | 2.81 | 2.81 | - | 3.14 | 3.14 | 3.13 | - | 3.50 | 3.49 | 3.49 | - | 3.88 | 3.88 | 3.87 | - | 4.31 | 4.31 | 4.31 | - | 4.82 | 4.82 | 4.81 | - | |
| Amps | 10.3 | 10.3 | 10.3 | - | 11.8 | 11.8 | 11.8 | - | 13.4 | 13.4 | 13.4 | - | 15.2 | 15.2 | 15.2 | - | 17.2 | 17.2 | 17.2 | - | 19.5 | 19.5 | 19.5 | - | |
| HI PR | 260 | 261 | 263 | - | 300 | 302 | 303 | - | 343 | 344 | 346 | - | 388 | 389 | 391 | - | 437 | 438 | 440 | - | 489 | 491 | 492 | - | |
| LO PR | 126 | 128 | 131 | - | 134 | 135 | 138 | - | 140 | 142 | 145 | - | 146 | 147 | 150 | - | 151 | 153 | 156 | - | 158 | 159 | 163 | - | |
| 75 | MBh | 45.9 | 46.6 | 47.9 | 50.0 | 45.5 | 46.1 | 47.5 | 49.6 | 44.3 | 45.0 | 46.3 | 48.4 | 42.2 | 42.9 | 44.3 | 46.4 | 39.7 | 40.4 | 41.7 | 43.8 | 37.4 | 38.1 | 39.5 | 41.5 |
| | S/T | 0.77 | 0.69 | 0.55 | 0.41 | 0.78 | 0.70 | 0.56 | 0.41 | 1.00 | 0.73 | 0.59 | 0.44 | 1.00 | 0.75 | 0.61 | 0.46 | 1.00 | 0.77 | 0.63 | 0.48 | 1.00 | 1.00 | 0.68 | 0.54 |
| | ΔT | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 22 | 21 | 17 | 14 | 24 | 22 | 19 | 15 |
| | kW | 2.79 | 2.78 | 2.78 | 2.80 | 3.11 | 3.10 | 3.10 | 3.12 | 3.46 | 3.46 | 3.45 | 3.48 | 3.85 | 3.85 | 3.84 | 3.87 | 4.28 | 4.28 | 4.27 | 4.30 | 4.79 | 4.79 | 4.78 | 4.81 |
| | Amps | 10.2 | 10.2 | 10.2 | 10.3 | 11.7 | 11.6 | 11.6 | 11.7 | 13.3 | 13.3 | 13.3 | 13.4 | 15.1 | 15.1 | 15.0 | 15.1 | 17.0 | 17.0 | 17.0 | 17.1 | 19.4 | 19.4 | 19.3 | 19.4 |
| | HI PR | 256 | 257 | 259 | 263 | 296 | 297 | 299 | 304 | 339 | 340 | 341 | 346 | 384 | 385 | 387 | 391 | 433 | 434 | 436 | 440 | 485 | 486 | 488 | 493 |
| | LO PR | 122 | 124 | 127 | 132 | 130 | 131 | 134 | 140 | 136 | 138 | 141 | 146 | 142 | 143 | 146 | 152 | 147 | 149 | 152 | 157 | 154 | 156 | 159 | 164 |
| | MBh | 46.4 | 47.1 | 48.4 | 50.5 | 46.0 | 46.6 | 48.0 | 50.1 | 44.8 | 45.5 | 46.8 | 48.9 | 42.7 | 43.4 | 44.8 | 46.9 | 40.2 | 40.9 | 42.2 | 44.3 | 37.9 | 38.6 | 40.0 | 42.0 |
| | S/T | 0.82 | 0.74 | 0.60 | 0.46 | 0.83 | 0.75 | 0.61 | 0.46 | 1.00 | 0.78 | 0.64 | 0.49 | 1.00 | 0.80 | 0.66 | 0.51 | 1.00 | 0.82 | 0.68 | 0.53 | 1.00 | 1.00 | 0.73 | 0.58 |
| | ΔT | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 14 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 23 | 21 | 18 | 14 |
| kW | 2.80 | 2.80 | 2.79 | 2.81 | 3.12 | 3.12 | 3.11 | 3.14 | 3.48 | 3.47 | 3.47 | 3.49 | 3.86 | 3.86 | 3.86 | 3.88 | 4.30 | 4.29 | 4.29 | 4.31 | 4.80 | 4.80 | 4.79 | 4.82 | |
| Amps | 10.3 | 10.2 | 10.2 | 10.3 | 11.7 | 11.7 | 11.7 | 11.8 | 13.4 | 13.3 | 13.3 | 13.4 | 15.1 | 15.1 | 15.1 | 15.2 | 17.1 | 17.1 | 17.1 | 17.2 | 19.4 | 19.4 | 19.4 | 19.5 | |
| HI PR | 258 | 259 | 261 | 265 | 298 | 299 | 301 | 305 | 340 | 341 | 343 | 348 | 386 | 387 | 389 | 393 | 435 | 436 | 438 | 442 | 487 | 488 | 490 | 494 | |
| LO PR | 124 | 125 | 129 | 134 | 131 | 133 | 136 | 141 | 138 | 139 | 142 | 148 | 143 | 145 | 148 | 153 | 149 | 150 | 153 | 159 | 156 | 157 | 160 | 165 | |
| MBh | 47.3 | 48.0 | 49.3 | 51.4 | 46.9 | 47.6 | 48.9 | 51.0 | 45.7 | 46.4 | 47.7 | 49.8 | 43.7 | 44.3 | 45.7 | 47.8 | 41.1 | 41.8 | 43.2 | 45.2 | 38.8 | 39.5 | 40.9 | 43.0 | |
| S/T | 0.86 | 0.78 | 0.64 | 0.50 | 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 | 0.86 | 0.72 | 0.57 | 1.00 | 1.00 | 0.77 | 0.62 | |
| ΔT | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 13 | 21 | 19 | 16 | 12 | 21 | 19 | 15 | 12 | 22 | 20 | 17 | 13 | |
| kW | 2.82 | 2.81 | 2.81 | 2.83 | 3.14 | 3.13 | 3.13 | 3.15 | 3.49 | 3.49 | 3.49 | 3.51 | 3.88 | 3.88 | 3.87 | 3.90 | 4.31 | 4.31 | 4.30 | 4.33 | 4.82 | 4.82 | 4.81 | 4.84 | |
| Amps | 10.3 | 10.3 | 10.3 | 10.4 | 11.8 | 11.8 | 11.8 | 11.9 | 13.4 | 13.4 | 13.4 | 13.5 | 15.2 | 15.2 | 15.2 | 15.3 | 17.2 | 17.2 | 17.1 | 17.3 | 19.5 | 19.5 | 19.5 | 19.6 | |
| HI PR | 260 | 261 | 263 | 268 | 301 | 302 | 304 | 308 | 343 | 344 | 346 | 350 | 388 | 389 | 391 | 396 | 437 | 438 | 440 | 445 | 490 | 491 | 493 | 497 | |
| LO PR | 126 | 128 | 131 | 136 | 134 | 135 | 138 | 144 | 140 | 142 | 145 | 150 | 146 | 147 | 150 | 156 | 151 | 153 | 156 | 161 | 158 | 159 | 163 | 168 | |

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 — GSZ140481K* + ARUF61D14** + TXV (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 | 46.1 | 46.8 | 48.2 | 50.2 | 45.7 | 46.4 | 47.8 | 49.8 | 44.5 | 45.2 | 46.6 | 48.6 | 42.5 | 43.1 | 44.5 | 46.6 | 40.0 | 40.6 | 42.0 | 44.1 | 37.7 | 38.3 | 39.7 | 41.8 |
| | S/T | 1.00 | 0.82 | 0.68 | 0.54 | 1.00 | 0.83 | 0.69 | 0.54 | 1.00 | 0.86 | 0.72 | 0.57 | 1.00 | 0.88 | 0.74 | 0.59 | 1.00 | 1.00 | 0.76 | 0.61 | 1.00 | 1.00 | 0.81 | 0.66 |
| | Delta T | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 26 | 25 | 21 | 18 | 27 | 26 | 22 | 19 |
| | KW | 2.79 | 2.78 | 2.78 | 2.80 | 3.11 | 3.10 | 3.10 | 3.12 | 3.46 | 3.46 | 3.46 | 3.48 | 3.85 | 3.85 | 3.84 | 3.87 | 4.28 | 4.28 | 4.28 | 4.30 | 4.79 | 4.79 | 4.78 | 4.81 |
| | AMPS | 10.2 | 10.2 | 10.2 | 10.3 | 11.7 | 11.7 | 11.6 | 11.7 | 13.3 | 13.3 | 13.3 | 13.4 | 15.1 | 15.1 | 15.0 | 15.1 | 17.1 | 17.0 | 17.0 | 17.1 | 19.4 | 19.4 | 19.3 | 19.4 |
| | HI PR | 256 | 258 | 259 | 264 | 297 | 298 | 300 | 304 | 339 | 340 | 342 | 346 | 384 | 386 | 387 | 392 | 433 | 435 | 436 | 441 | 486 | 487 | 489 | 493 |
| | LO PR | 123 | 124 | 128 | 133 | 130 | 132 | 135 | 140 | 137 | 138 | 142 | 147 | 142 | 144 | 147 | 152 | 148 | 149 | 152 | 158 | 155 | 156 | 159 | 164 |
| | MBh | 46.6 | 47.3 | 48.7 | 50.8 | 46.2 | 46.9 | 48.3 | 50.3 | 45.0 | 45.7 | 47.1 | 49.1 | 43.0 | 43.6 | 45.0 | 47.1 | 40.5 | 41.1 | 42.5 | 44.6 | 38.2 | 38.8 | 40.2 | 42.3 |
| | S/T | 1.00 | 0.87 | 0.73 | 0.59 | 1.00 | 0.88 | 0.74 | 0.59 | 1.00 | 0.91 | 0.77 | 0.62 | 1.00 | 1.00 | 0.79 | 0.64 | 1.00 | 1.00 | 0.81 | 0.66 | 1.00 | 1.00 | 0.86 | 0.71 |
| | Delta T | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 18 | 26 | 24 | 21 | 17 | 26 | 24 | 20 | 17 | 27 | 25 | 22 | 18 |
| KW | 2.80 | 2.80 | 2.79 | 2.82 | 3.12 | 3.12 | 3.11 | 3.14 | 3.48 | 3.48 | 3.47 | 3.49 | 3.86 | 3.86 | 3.86 | 3.88 | 4.30 | 4.29 | 4.29 | 4.31 | 4.80 | 4.80 | 4.80 | 4.82 | |
| AMPS | 10.3 | 10.2 | 10.2 | 10.3 | 11.7 | 11.7 | 11.7 | 11.8 | 13.4 | 13.4 | 13.3 | 13.4 | 15.1 | 15.1 | 15.1 | 15.2 | 17.1 | 17.1 | 17.1 | 17.2 | 19.4 | 19.4 | 19.4 | 19.5 | |
| HI PR | 258 | 259 | 261 | 266 | 299 | 300 | 301 | 306 | 341 | 342 | 344 | 348 | 386 | 387 | 389 | 394 | 435 | 436 | 438 | 443 | 488 | 489 | 490 | 495 | |
| LO PR | 124 | 126 | 129 | 134 | 132 | 133 | 136 | 142 | 138 | 140 | 143 | 148 | 144 | 145 | 149 | 154 | 149 | 151 | 154 | 159 | 156 | 158 | 161 | 166 | |
| MBh | 47.6 | 48.2 | 49.6 | 51.7 | 47.1 | 47.8 | 49.2 | 51.2 | 46.0 | 46.6 | 48.0 | 50.1 | 43.9 | 44.5 | 45.9 | 48.0 | 41.4 | 42.0 | 43.4 | 45.5 | 39.1 | 39.7 | 41.1 | 43.2 | |
| S/T | 1.00 | 0.91 | 0.77 | 0.62 | 1.00 | 0.92 | 0.78 | 0.63 | 1.00 | 0.95 | 0.80 | 0.66 | 1.00 | 1.00 | 0.82 | 0.68 | 1.00 | 1.00 | 0.85 | 0.70 | 1.00 | 1.00 | 0.90 | 0.75 | |
| Delta T | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 24 | 23 | 19 | 16 | 26 | 24 | 20 | 17 | |
| KW | 2.82 | 2.81 | 2.81 | 2.83 | 3.14 | 3.13 | 3.13 | 3.15 | 3.49 | 3.49 | 3.49 | 3.51 | 3.88 | 3.88 | 3.87 | 3.90 | 4.31 | 4.31 | 4.31 | 4.33 | 4.82 | 4.82 | 4.81 | 4.84 | |
| AMPS | 10.3 | 10.3 | 10.3 | 10.4 | 11.8 | 11.8 | 11.8 | 11.9 | 13.4 | 13.4 | 13.4 | 13.5 | 15.2 | 15.2 | 15.2 | 15.3 | 17.2 | 17.2 | 17.2 | 17.3 | 19.5 | 19.5 | 19.5 | 19.6 | |
| HI PR | 261 | 262 | 264 | 268 | 301 | 302 | 304 | 308 | 343 | 344 | 346 | 351 | 389 | 390 | 392 | 396 | 438 | 439 | 441 | 445 | 490 | 491 | 493 | 498 | |
| LO PR | 127 | 128 | 132 | 137 | 134 | 136 | 139 | 144 | 141 | 142 | 145 | 151 | 146 | 148 | 151 | 156 | 152 | 153 | 156 | 162 | 159 | 160 | 163 | 168 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85 | MBh | 46.9 | 47.6 | 48.9 | 51.0 | 46.5 | 47.2 | 48.5 | 50.6 | 45.3 | 46.0 | 47.3 | 49.4 | 43.3 | 43.9 | 45.3 | 47.4 | 40.7 | 41.4 | 42.8 | 44.8 | 38.4 | 39.1 | 40.5 | 42.6 |
| | S/T | 1.00 | 0.93 | 0.79 | 0.64 | 1.00 | 0.94 | 0.80 | 0.65 | 1.00 | 1.00 | 0.82 | 0.67 | 1.00 | 1.00 | 0.84 | 0.69 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 1.00 | 0.77 |
| | Delta T | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 22 | 30 | 29 | 25 | 22 | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 21 | 31 | 29 | 26 | 22 |
| | KW | 2.79 | 2.79 | 2.78 | 2.81 | 3.11 | 3.11 | 3.11 | 3.13 | 3.47 | 3.47 | 3.46 | 3.49 | 3.86 | 3.86 | 3.85 | 3.87 | 4.29 | 4.29 | 4.28 | 4.31 | 4.80 | 4.79 | 4.79 | 4.81 |
| | AMPS | 10.2 | 10.2 | 10.2 | 10.3 | 11.7 | 11.7 | 11.7 | 11.8 | 13.3 | 13.3 | 13.3 | 13.4 | 15.1 | 15.1 | 15.1 | 15.2 | 17.1 | 17.1 | 17.0 | 17.2 | 19.4 | 19.4 | 19.4 | 19.5 |
| | HI PR | 258 | 259 | 261 | 265 | 298 | 299 | 301 | 305 | 340 | 341 | 343 | 348 | 386 | 387 | 389 | 393 | 435 | 436 | 438 | 442 | 487 | 488 | 490 | 494 |
| | LO PR | 125 | 126 | 129 | 135 | 132 | 134 | 137 | 142 | 139 | 140 | 143 | 149 | 144 | 146 | 149 | 154 | 150 | 151 | 154 | 159 | 156 | 158 | 161 | 166 |
| | MBh | 47.4 | 48.1 | 49.4 | 51.5 | 47.0 | 47.7 | 49.0 | 51.1 | 45.8 | 46.5 | 47.8 | 49.9 | 43.8 | 44.4 | 45.8 | 47.9 | 41.2 | 41.9 | 43.3 | 45.3 | 38.9 | 39.6 | 41.0 | 43.1 |
| | S/T | 1.00 | 0.98 | 0.84 | 0.69 | 1.00 | 0.98 | 0.84 | 0.70 | 1.00 | 1.00 | 0.87 | 0.72 | 1.00 | 1.00 | 0.89 | 0.74 | 1.00 | 1.00 | 0.91 | 0.77 | 1.00 | 1.00 | 1.00 | 0.82 |
| | Delta T | 29 | 28 | 24 | 21 | 29 | 27 | 24 | 21 | 30 | 28 | 24 | 21 | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 21 | 30 | 28 | 25 | 22 |
| KW | 2.81 | 2.80 | 2.80 | 2.82 | 3.13 | 3.12 | 3.12 | 3.14 | 3.48 | 3.48 | 3.48 | 3.50 | 3.87 | 3.87 | 3.86 | 3.89 | 4.30 | 4.30 | 4.30 | 4.32 | 4.81 | 4.81 | 4.80 | 4.83 | |
| AMPS | 10.3 | 10.3 | 10.3 | 10.4 | 11.8 | 11.7 | 11.7 | 11.8 | 13.4 | 13.4 | 13.4 | 13.5 | 15.2 | 15.2 | 15.1 | 15.2 | 17.1 | 17.1 | 17.1 | 17.2 | 19.5 | 19.5 | 19.4 | 19.5 | |
| HI PR | 259 | 261 | 262 | 267 | 300 | 301 | 303 | 307 | 342 | 343 | 345 | 349 | 387 | 389 | 390 | 395 | 436 | 438 | 439 | 444 | 489 | 490 | 492 | 496 | |
| LO PR | 126 | 128 | 131 | 136 | 134 | 135 | 138 | 144 | 140 | 142 | 145 | 150 | 146 | 147 | 150 | 156 | 151 | 153 | 156 | 161 | 158 | 159 | 162 | 168 | |
| MBh | 48.3 | 49.0 | 50.3 | 52.4 | 47.9 | 48.6 | 49.9 | 52.0 | 46.7 | 47.4 | 48.7 | 50.8 | 44.7 | 45.3 | 46.7 | 48.8 | 42.2 | 42.8 | 44.2 | 46.3 | 39.9 | 40.5 | 41.9 | 44.0 | |
| S/T | 1.00 | 1.00 | 0.88 | 0.73 | 1.00 | 1.00 | 0.88 | 0.74 | 1.00 | 1.00 | 0.91 | 0.76 | 1.00 | 1.00 | 0.93 | 0.78 | 1.00 | 1.00 | 0.95 | 0.80 | 1.00 | 1.00 | 1.00 | 0.86 | |
| Delta T | 28 | 26 | 23 | 20 | 28 | 26 | 23 | 20 | 28 | 27 | 23 | 20 | 28 | 26 | 23 | 20 | 28 | 26 | 23 | 19 | 29 | 27 | 24 | 21 | |
| KW | 2.82 | 2.82 | 2.82 | 2.84 | 3.14 | 3.14 | 3.14 | 3.16 | 3.50 | 3.50 | 3.49 | 3.52 | 3.89 | 3.89 | 3.88 | 3.90 | 4.32 | 4.32 | 4.31 | 4.34 | 4.83 | 4.82 | 4.82 | 4.84 | |
| AMPS | 10.4 | 10.4 | 10.3 | 10.4 | 11.8 | 11.8 | 11.8 | 11.9 | 13.5 | 13.5 | 13.4 | 13.5 | 15.2 | 15.2 | 15.2 | 15.3 | 17.2 | 17.2 | 17.2 | 17.3 | 19.5 | 19.5 | 19.5 | 19.6 | |
| HI PR | 262 | 263 | 265 | 269 | 302 | 303 | 305 | 310 | 345 | 346 | 347 | 352 | 390 | 391 | 393 | 397 | 439 | 440 | 442 | 446 | 491 | 492 | 494 | 499 | |
| LO PR | 129 | 130 | 133 | 139 | 136 | 138 | 141 | 146 | 143 | 144 | 147 | 153 | 148 | 150 | 153 | 158 | 154 | 155 | 158 | 163 | 160 | 162 | 165 | 170 | |

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)

| 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 | 45.9 | 46.5 | 47.9 | - | 45.5 | 46.1 | 47.5 | - | 44.3 | 44.9 | 46.3 | - | 42.2 | 42.9 | 44.2 | - | 39.8 | 40.4 | 41.8 | - | 37.5 | 38.1 | 39.5 | - |
| | S/T | 0.66 | 0.59 | 0.45 | - | 0.67 | 0.59 | 0.46 | - | 0.69 | 0.62 | 0.48 | - | 0.71 | 0.64 | 0.50 | - | 1.00 | 0.66 | 0.52 | - | 1.00 | 0.71 | 0.57 | - |
| | ΔT | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 13 | - | 20 | 18 | 15 | - |
| | kW | 2.69 | 2.69 | 2.69 | - | 3.01 | 3.01 | 3.00 | - | 3.36 | 3.36 | 3.35 | - | 3.74 | 3.74 | 3.73 | - | 4.16 | 4.16 | 4.15 | - | 4.66 | 4.66 | 4.65 | - |
| | Amps | 9.9 | 9.9 | 9.8 | - | 11.3 | 11.3 | 11.3 | - | 12.9 | 12.9 | 12.9 | - | 14.7 | 14.6 | 14.6 | - | 16.6 | 16.6 | 16.6 | - | 18.9 | 18.9 | 18.8 | - |
| | HI PR | 249 | 250 | 252 | - | 288 | 289 | 290 | - | 328 | 330 | 331 | - | 372 | 373 | 375 | - | 420 | 421 | 423 | - | 470 | 471 | 473 | - |
| | LO PR | 121 | 122 | 125 | - | 128 | 129 | 132 | - | 134 | 136 | 139 | - | 140 | 141 | 144 | - | 145 | 146 | 149 | - | 151 | 153 | 156 | - |
| | MBh | 46.7 | 47.3 | 48.7 | - | 46.3 | 46.9 | 48.3 | - | 45.1 | 45.7 | 47.1 | - | 43.1 | 43.7 | 45.1 | - | 40.6 | 41.2 | 42.6 | - | 38.3 | 39.0 | 40.3 | - |
| | S/T | 0.70 | 0.62 | 0.49 | - | 0.70 | 0.63 | 0.49 | - | 0.73 | 0.65 | 0.52 | - | 0.75 | 0.67 | 0.54 | - | 1.00 | 0.69 | 0.56 | - | 1.00 | 0.75 | 0.61 | - |
| | ΔT | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 19 | 17 | 13 | - |
| | kW | 2.71 | 2.71 | 2.70 | - | 3.02 | 3.02 | 3.02 | - | 3.37 | 3.37 | 3.37 | - | 3.75 | 3.75 | 3.75 | - | 4.18 | 4.18 | 4.17 | - | 4.68 | 4.67 | 4.67 | - |
| | Amps | 9.9 | 9.9 | 9.9 | - | 11.4 | 11.4 | 11.3 | - | 13.0 | 13.0 | 13.0 | - | 14.7 | 14.7 | 14.7 | - | 16.7 | 16.7 | 16.6 | - | 18.9 | 18.9 | 18.9 | - |
| HI PR | 251 | 252 | 254 | - | 290 | 291 | 293 | - | 331 | 332 | 334 | - | 375 | 376 | 377 | - | 422 | 423 | 425 | - | 473 | 474 | 475 | - | |
| LO PR | 123 | 124 | 127 | - | 130 | 132 | 135 | - | 136 | 138 | 141 | - | 142 | 143 | 146 | - | 147 | 149 | 152 | - | 154 | 155 | 158 | - | |
| MBh | 47.7 | 48.4 | 49.7 | - | 47.3 | 47.9 | 49.3 | - | 46.1 | 46.8 | 48.1 | - | 44.1 | 44.7 | 46.1 | - | 41.6 | 42.2 | 43.6 | - | 39.3 | 40.0 | 41.3 | - | |
| S/T | 0.71 | 0.63 | 0.50 | - | 0.71 | 0.64 | 0.50 | - | 0.74 | 0.66 | 0.53 | - | 1.00 | 0.68 | 0.55 | - | 1.00 | 0.70 | 0.57 | - | 1.00 | 0.75 | 0.62 | - | |
| ΔT | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 11 | - | 18 | 16 | 13 | - | |
| kW | 2.72 | 2.72 | 2.71 | - | 3.04 | 3.03 | 3.03 | - | 3.39 | 3.39 | 3.38 | - | 3.77 | 3.77 | 3.76 | - | 4.19 | 4.19 | 4.18 | - | 4.69 | 4.69 | 4.68 | - | |
| Amps | 10.0 | 10.0 | 10.0 | - | 11.4 | 11.4 | 11.4 | - | 13.1 | 13.0 | 13.0 | - | 14.8 | 14.8 | 14.8 | - | 16.7 | 16.7 | 16.7 | - | 19.0 | 19.0 | 19.0 | - | |
| HI PR | 253 | 255 | 256 | - | 292 | 293 | 295 | - | 333 | 334 | 336 | - | 377 | 378 | 380 | - | 424 | 426 | 427 | - | 475 | 476 | 478 | - | |
| LO PR | 125 | 127 | 130 | - | 133 | 134 | 137 | - | 139 | 141 | 144 | - | 144 | 146 | 149 | - | 150 | 151 | 154 | - | 156 | 158 | 161 | - | |
| 75 | MBh | 45.9 | 46.5 | 47.9 | 50.0 | 45.5 | 46.1 | 47.5 | 49.5 | 44.3 | 44.9 | 46.3 | 48.4 | 42.3 | 42.9 | 44.3 | 46.3 | 39.8 | 40.4 | 41.8 | 43.8 | 37.5 | 38.2 | 39.5 | 41.6 |
| | S/T | 0.79 | 0.71 | 0.58 | 0.44 | 0.80 | 0.72 | 0.59 | 0.44 | 1.00 | 0.75 | 0.61 | 0.47 | 1.00 | 0.76 | 0.63 | 0.49 | 1.00 | 0.79 | 0.65 | 0.51 | 1.00 | 0.84 | 0.70 | 0.56 |
| | ΔT | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 17 | 14 | 24 | 22 | 19 | 15 |
| | kW | 2.69 | 2.69 | 2.68 | 2.71 | 3.01 | 3.00 | 3.00 | 3.02 | 3.36 | 3.35 | 3.35 | 3.37 | 3.74 | 3.73 | 3.73 | 3.75 | 4.16 | 4.16 | 4.15 | 4.18 | 4.66 | 4.66 | 4.65 | 4.67 |
| | Amps | 9.9 | 9.9 | 9.8 | 9.9 | 11.3 | 11.3 | 11.3 | 11.4 | 12.9 | 12.9 | 12.9 | 13.0 | 14.6 | 14.6 | 14.7 | 14.7 | 16.6 | 16.6 | 16.6 | 16.7 | 18.9 | 18.9 | 18.8 | 18.9 |
| | HI PR | 249 | 250 | 252 | 256 | 288 | 289 | 291 | 295 | 329 | 330 | 331 | 336 | 373 | 374 | 375 | 380 | 420 | 421 | 423 | 427 | 470 | 472 | 473 | 478 |
| | 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 |
| | MBh | 46.7 | 47.4 | 48.7 | 50.8 | 46.3 | 47.0 | 48.3 | 50.4 | 45.1 | 45.8 | 47.1 | 49.2 | 43.1 | 43.7 | 45.1 | 47.2 | 40.6 | 41.3 | 42.6 | 44.7 | 38.3 | 39.0 | 40.3 | 42.4 |
| | S/T | 0.83 | 0.75 | 0.62 | 0.47 | 0.83 | 0.76 | 0.62 | 0.48 | 1.00 | 0.78 | 0.65 | 0.51 | 1.00 | 0.80 | 0.67 | 0.52 | 1.00 | 0.82 | 0.69 | 0.55 | 1.00 | 1.00 | 0.74 | 0.60 |
| | ΔT | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 16 | 13 | 23 | 21 | 18 | 14 |
| | kW | 2.71 | 2.70 | 2.70 | 2.72 | 3.02 | 3.02 | 3.01 | 3.04 | 3.37 | 3.37 | 3.36 | 3.39 | 3.75 | 3.74 | 3.74 | 3.77 | 4.18 | 4.17 | 4.17 | 4.19 | 4.67 | 4.67 | 4.67 | 4.69 |
| | Amps | 9.9 | 9.9 | 9.9 | 10.0 | 11.4 | 11.4 | 11.3 | 11.4 | 13.0 | 13.0 | 12.9 | 13.1 | 14.7 | 14.7 | 14.8 | 14.8 | 16.7 | 16.6 | 16.6 | 16.7 | 18.9 | 18.9 | 18.9 | 19.0 |
| HI PR | 251 | 252 | 254 | 258 | 290 | 291 | 293 | 297 | 331 | 332 | 334 | 338 | 375 | 376 | 378 | 382 | 422 | 423 | 425 | 429 | 473 | 474 | 476 | 480 | |
| LO PR | 123 | 124 | 127 | 132 | 130 | 132 | 135 | 140 | 137 | 138 | 141 | 146 | 142 | 143 | 146 | 151 | 147 | 149 | 152 | 157 | 154 | 155 | 158 | 163 | |
| MBh | 47.7 | 48.4 | 49.7 | 51.8 | 47.3 | 48.0 | 49.3 | 51.4 | 46.2 | 46.8 | 48.1 | 50.2 | 44.1 | 44.8 | 46.1 | 48.2 | 41.6 | 42.3 | 43.6 | 45.7 | 39.4 | 40.0 | 41.4 | 43.4 | |
| S/T | 0.83 | 0.76 | 0.62 | 0.48 | 0.84 | 0.76 | 0.63 | 0.49 | 1.00 | 0.79 | 0.65 | 0.51 | 1.00 | 0.81 | 0.67 | 0.53 | 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 | 21 | 19 | 15 | 12 | 22 | 20 | 17 | 13 | |
| kW | 2.72 | 2.72 | 2.71 | 2.74 | 3.03 | 3.03 | 3.03 | 3.05 | 3.39 | 3.38 | 3.38 | 3.40 | 3.77 | 3.76 | 3.76 | 3.78 | 4.19 | 4.19 | 4.18 | 4.21 | 4.69 | 4.69 | 4.68 | 4.70 | |
| Amps | 10.0 | 10.0 | 10.0 | 10.1 | 11.4 | 11.4 | 11.4 | 11.5 | 13.0 | 13.0 | 13.0 | 13.1 | 14.8 | 14.7 | 14.9 | 14.9 | 16.7 | 16.7 | 16.7 | 16.8 | 19.0 | 19.0 | 19.0 | 19.1 | |
| HI PR | 254 | 255 | 257 | 261 | 293 | 294 | 295 | 300 | 333 | 334 | 336 | 341 | 377 | 378 | 380 | 384 | 425 | 426 | 427 | 432 | 475 | 476 | 478 | 482 | |
| LO PR | 126 | 127 | 130 | 135 | 133 | 134 | 137 | 142 | 139 | 141 | 144 | 149 | 144 | 146 | 149 | 154 | 150 | 151 | 154 | 159 | 156 | 158 | 161 | 166 | |

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 — GSZ140491K* + ARUF49C14** + TXV (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 | 46.1 | 46.8 | 48.1 | 50.2 | 45.7 | 46.4 | 47.7 | 49.8 | 44.5 | 45.2 | 46.5 | 48.6 | 42.5 | 43.1 | 44.5 | 46.6 | 40.0 | 40.7 | 42.0 | 44.1 | 37.8 | 38.4 | 39.7 | 41.8 |
| | S/T | 0.91 | 0.84 | 0.70 | 0.56 | 1.00 | 0.84 | 0.71 | 0.57 | 1.00 | 0.87 | 0.73 | 0.59 | 1.00 | 0.89 | 0.75 | 0.61 | 1.00 | 1.00 | 0.78 | 0.63 | 1.00 | 1.00 | 0.83 | 0.69 |
| | ΔT | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 26 | 22 | 19 | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 28 | 26 | 23 | 19 |
| | kW | 2.69 | 2.69 | 2.69 | 2.71 | 3.01 | 3.01 | 3.00 | 3.02 | 3.36 | 3.36 | 3.35 | 3.37 | 3.74 | 3.74 | 3.74 | 3.75 | 4.16 | 4.16 | 4.15 | 4.18 | 4.66 | 4.66 | 4.65 | 4.68 |
| | Amps | 9.9 | 9.9 | 9.8 | 9.9 | 11.3 | 11.3 | 11.3 | 11.4 | 12.9 | 12.9 | 12.9 | 13.0 | 14.7 | 14.6 | 14.6 | 14.7 | 16.6 | 16.6 | 16.6 | 16.7 | 18.9 | 18.9 | 18.8 | 18.9 |
| | HI/PR | 249 | 250 | 252 | 257 | 288 | 289 | 291 | 295 | 329 | 330 | 332 | 336 | 373 | 374 | 376 | 380 | 420 | 421 | 423 | 427 | 471 | 472 | 474 | 478 |
| LO/PR | 121 | 123 | 126 | 131 | 128 | 130 | 133 | 138 | 135 | 136 | 139 | 144 | 140 | 142 | 145 | 150 | 145 | 147 | 150 | 155 | 152 | 153 | 156 | 162 | |
| 1600 | MBh | 47.0 | 47.6 | 48.9 | 51.0 | 46.6 | 47.2 | 48.5 | 50.6 | 45.4 | 46.0 | 47.4 | 49.4 | 43.3 | 44.0 | 45.3 | 47.4 | 40.8 | 41.5 | 42.8 | 44.9 | 38.6 | 39.2 | 40.6 | 42.6 |
| | S/T | 1.00 | 0.88 | 0.74 | 0.60 | 1.00 | 0.88 | 0.75 | 0.60 | 1.00 | 0.91 | 0.77 | 0.63 | 1.00 | 0.93 | 0.79 | 0.65 | 1.00 | 1.00 | 0.81 | 0.67 | 1.00 | 1.00 | 0.86 | 0.72 |
| | ΔT | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 25 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 27 | 25 | 22 | 18 |
| | kW | 2.71 | 2.71 | 2.70 | 2.72 | 3.02 | 3.02 | 3.02 | 3.04 | 3.37 | 3.37 | 3.37 | 3.39 | 3.75 | 3.75 | 3.75 | 3.77 | 4.18 | 4.18 | 4.17 | 4.19 | 4.68 | 4.67 | 4.67 | 4.69 |
| | Amps | 9.9 | 9.9 | 9.9 | 10.0 | 11.4 | 11.4 | 11.3 | 11.5 | 13.0 | 13.0 | 13.0 | 13.1 | 14.7 | 14.7 | 14.7 | 14.8 | 16.7 | 16.7 | 16.6 | 16.7 | 18.9 | 18.9 | 18.9 | 19.0 |
| | HI/PR | 252 | 253 | 255 | 259 | 291 | 292 | 293 | 298 | 331 | 333 | 334 | 339 | 375 | 376 | 378 | 382 | 423 | 424 | 426 | 430 | 473 | 474 | 476 | 480 |
| LO/PR | 123 | 125 | 128 | 133 | 131 | 132 | 135 | 140 | 137 | 138 | 142 | 147 | 142 | 144 | 147 | 152 | 148 | 149 | 152 | 157 | 154 | 156 | 159 | 164 | |
| 1800 | MBh | 48.0 | 48.6 | 50.0 | 52.0 | 47.6 | 48.2 | 49.6 | 51.6 | 46.4 | 47.0 | 48.4 | 50.4 | 44.4 | 45.0 | 46.3 | 48.4 | 41.9 | 42.5 | 43.9 | 45.9 | 39.6 | 40.2 | 41.6 | 43.7 |
| | S/T | 1.00 | 0.88 | 0.75 | 0.61 | 1.00 | 0.89 | 0.75 | 0.61 | 1.00 | 0.91 | 0.78 | 0.64 | 1.00 | 1.00 | 0.80 | 0.66 | 1.00 | 1.00 | 0.82 | 0.68 | 1.00 | 1.00 | 0.87 | 0.73 |
| | ΔT | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 25 | 24 | 20 | 17 | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 26 | 24 | 21 | 17 |
| | kW | 2.72 | 2.72 | 2.71 | 2.74 | 3.04 | 3.03 | 3.03 | 3.05 | 3.39 | 3.39 | 3.38 | 3.40 | 3.77 | 3.76 | 3.76 | 3.78 | 4.19 | 4.19 | 4.18 | 4.21 | 4.69 | 4.69 | 4.68 | 4.71 |
| | Amps | 10.0 | 10.0 | 10.0 | 10.1 | 11.4 | 11.4 | 11.4 | 11.5 | 13.1 | 13.0 | 13.0 | 13.1 | 14.8 | 14.8 | 14.8 | 14.9 | 16.7 | 16.7 | 16.7 | 16.8 | 19.0 | 19.0 | 19.0 | 19.1 |
| | HI/PR | 254 | 255 | 257 | 261 | 293 | 294 | 296 | 300 | 334 | 335 | 337 | 341 | 378 | 379 | 381 | 385 | 425 | 426 | 428 | 432 | 476 | 477 | 478 | 483 |
| LO/PR | 126 | 128 | 131 | 136 | 133 | 135 | 138 | 143 | 140 | 141 | 144 | 149 | 145 | 146 | 149 | 155 | 150 | 152 | 155 | 160 | 157 | 158 | 161 | 166 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1400 | MBh | 46.9 | 47.5 | 48.9 | 50.9 | 46.5 | 47.1 | 48.5 | 50.5 | 45.3 | 45.9 | 47.3 | 49.4 | 43.3 | 43.9 | 45.3 | 47.3 | 40.8 | 41.4 | 42.8 | 44.8 | 38.5 | 39.2 | 40.5 | 42.6 |
| | S/T | 1.00 | 0.94 | 0.80 | 0.66 | 1.00 | 0.95 | 0.81 | 0.67 | 1.00 | 1.00 | 0.84 | 0.69 | 1.00 | 1.00 | 0.85 | 0.71 | 1.00 | 1.00 | 0.88 | 0.73 | 1.00 | 1.00 | 0.93 | 0.79 |
| | ΔT | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 25 | 22 | 32 | 30 | 26 | 23 |
| | kW | 2.70 | 2.70 | 2.69 | 2.72 | 3.01 | 3.01 | 3.01 | 3.03 | 3.36 | 3.36 | 3.36 | 3.38 | 3.74 | 3.74 | 3.74 | 3.76 | 4.17 | 4.17 | 4.16 | 4.18 | 4.67 | 4.66 | 4.66 | 4.68 |
| | Amps | 9.9 | 9.9 | 9.9 | 10.0 | 11.3 | 11.3 | 11.3 | 11.4 | 12.9 | 12.9 | 12.9 | 13.0 | 14.7 | 14.7 | 14.6 | 14.8 | 16.6 | 16.6 | 16.6 | 16.7 | 18.9 | 18.9 | 18.9 | 19.0 |
| | HI/PR | 251 | 252 | 253 | 258 | 290 | 291 | 292 | 297 | 330 | 331 | 333 | 337 | 374 | 375 | 377 | 381 | 422 | 423 | 424 | 429 | 472 | 473 | 475 | 479 |
| LO/PR | 123 | 124 | 128 | 133 | 130 | 132 | 135 | 140 | 137 | 138 | 141 | 146 | 142 | 143 | 146 | 151 | 147 | 149 | 152 | 157 | 154 | 155 | 158 | 163 | |
| 1600 | MBh | 47.7 | 48.4 | 49.7 | 51.8 | 47.3 | 48.0 | 49.3 | 51.4 | 46.1 | 46.8 | 48.1 | 50.2 | 44.1 | 44.7 | 46.1 | 48.2 | 41.6 | 42.3 | 43.6 | 45.7 | 39.3 | 40.0 | 41.3 | 43.4 |
| | S/T | 1.00 | 0.98 | 0.84 | 0.70 | 1.00 | 0.98 | 0.85 | 0.71 | 1.00 | 1.00 | 0.87 | 0.73 | 1.00 | 1.00 | 0.89 | 0.75 | 1.00 | 1.00 | 0.91 | 0.77 | 1.00 | 1.00 | 1.00 | 0.82 |
| | ΔT | 30 | 28 | 25 | 21 | 30 | 28 | 24 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 24 | 21 | 30 | 28 | 24 | 21 | 31 | 29 | 25 | 22 |
| | kW | 2.71 | 2.71 | 2.71 | 2.73 | 3.03 | 3.03 | 3.02 | 3.05 | 3.38 | 3.38 | 3.37 | 3.40 | 3.76 | 3.76 | 3.75 | 3.78 | 4.18 | 4.18 | 4.18 | 4.20 | 4.68 | 4.68 | 4.67 | 4.70 |
| | Amps | 10.0 | 10.0 | 9.9 | 10.0 | 11.4 | 11.4 | 11.4 | 11.5 | 13.0 | 13.0 | 13.0 | 13.1 | 14.8 | 14.7 | 14.7 | 14.8 | 16.7 | 16.7 | 16.7 | 16.8 | 19.0 | 19.0 | 18.9 | 19.0 |
| | HI/PR | 253 | 254 | 256 | 260 | 292 | 293 | 295 | 299 | 333 | 334 | 335 | 340 | 377 | 378 | 379 | 384 | 424 | 425 | 427 | 431 | 474 | 475 | 477 | 481 |
| LO/PR | 125 | 127 | 130 | 135 | 132 | 134 | 137 | 142 | 139 | 140 | 143 | 148 | 144 | 146 | 149 | 154 | 149 | 151 | 154 | 159 | 156 | 157 | 161 | 166 | |
| 1800 | MBh | 48.7 | 49.4 | 50.7 | 52.8 | 48.3 | 49.0 | 50.3 | 52.4 | 47.2 | 47.8 | 49.1 | 51.2 | 45.1 | 45.8 | 47.1 | 49.2 | 42.6 | 43.3 | 44.6 | 46.7 | 40.4 | 41.0 | 42.4 | 44.4 |
| | S/T | 1.00 | 0.98 | 0.85 | 0.71 | 1.00 | 1.00 | 0.85 | 0.71 | 1.00 | 1.00 | 0.88 | 0.74 | 1.00 | 1.00 | 0.90 | 0.76 | 1.00 | 1.00 | 0.92 | 0.78 | 1.00 | 1.00 | 1.00 | 0.83 |
| | ΔT | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 23 | 20 | 29 | 27 | 23 | 20 | 30 | 28 | 24 | 21 |
| | kW | 2.73 | 2.73 | 2.72 | 2.74 | 3.04 | 3.04 | 3.03 | 3.06 | 3.39 | 3.39 | 3.39 | 3.41 | 3.77 | 3.77 | 3.77 | 3.79 | 4.20 | 4.19 | 4.19 | 4.21 | 4.70 | 4.69 | 4.69 | 4.71 |
| | Amps | 10.0 | 10.0 | 10.0 | 10.1 | 11.5 | 11.5 | 11.4 | 11.5 | 13.1 | 13.1 | 13.0 | 13.2 | 14.8 | 14.8 | 14.8 | 14.9 | 16.8 | 16.7 | 16.7 | 16.8 | 19.0 | 19.0 | 19.0 | 19.1 |
| | HI/PR | 255 | 256 | 258 | 262 | 294 | 295 | 297 | 301 | 335 | 336 | 338 | 342 | 379 | 380 | 382 | 386 | 426 | 427 | 429 | 433 | 477 | 478 | 480 | 484 |
| LO/PR | 128 | 129 | 132 | 137 | 135 | 137 | 140 | 145 | 141 | 143 | 146 | 151 | 147 | 148 | 151 | 156 | 152 | 153 | 157 | 162 | 159 | 160 | 163 | 168 | |

Shaded area reflects AHRI Rating Conditions.

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

kW = Total system power
Amps = Outdoor unit amps (compressor + fan)

| 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 | 1790 | MBh | 58.2 | 59.0 | 60.8 | - | 57.7 | 58.5 | 60.3 | - | 56.2 | 57.0 | 58.8 | - | 53.6 | 54.5 | 56.2 | - | 50.5 | 51.3 | 53.0 | - | 47.6 | 48.4 | 50.1 | - |
| | | S/T | 0.67 | 0.59 | 0.46 | - | 0.67 | 0.60 | 0.46 | - | 0.70 | 0.62 | 0.49 | - | 0.72 | 0.64 | 0.51 | - | 0.74 | 0.67 | 0.53 | - | 1.00 | 0.72 | 0.58 | - |
| | ΔT | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 13 | - | 20 | 18 | 14 | - | |
| | kW | 3.35 | 3.35 | 3.34 | - | 3.78 | 3.78 | 3.77 | - | 4.25 | 4.25 | 4.24 | - | 4.76 | 4.76 | 4.75 | - | 5.34 | 5.33 | 5.33 | - | 6.01 | 6.00 | 6.00 | - | |
| | Amps | 13.2 | 13.2 | 13.1 | - | 15.1 | 15.1 | 15.1 | - | 17.3 | 17.3 | 17.2 | - | 19.6 | 19.6 | 19.6 | - | 22.2 | 22.2 | 22.2 | - | 25.3 | 25.3 | 25.3 | - | |
| | HI PR | 258 | 259 | 261 | - | 298 | 299 | 301 | - | 340 | 341 | 343 | - | 386 | 387 | 389 | - | 435 | 436 | 438 | - | 487 | 488 | 490 | - | |
| | LO PR | 116 | 118 | 121 | - | 123 | 125 | 128 | - | 130 | 131 | 134 | - | 135 | 136 | 139 | - | 140 | 141 | 144 | - | 146 | 148 | 150 | - | |
| | 2000 | MBh | 59.1 | 59.9 | 61.6 | - | 58.6 | 59.4 | 61.1 | - | 57.1 | 57.9 | 59.6 | - | 54.5 | 55.3 | 57.0 | - | 51.3 | 52.1 | 53.9 | - | 48.4 | 49.3 | 51.0 | - |
| | | S/T | 0.70 | 0.62 | 0.49 | - | 0.71 | 0.63 | 0.49 | - | 0.73 | 0.66 | 0.52 | - | 0.75 | 0.68 | 0.54 | - | 0.77 | 0.70 | 0.56 | - | 1.00 | 0.75 | 0.61 | - |
| | ΔT | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 19 | 17 | 14 | - | |
| kW | 3.37 | 3.37 | 3.36 | - | 3.80 | 3.79 | 3.79 | - | 4.27 | 4.27 | 4.26 | - | 4.78 | 4.78 | 4.77 | - | 5.35 | 5.35 | 5.34 | - | 6.03 | 6.02 | 6.01 | - | | |
| Amps | 13.2 | 13.2 | 13.2 | - | 15.2 | 15.2 | 15.1 | - | 17.4 | 17.3 | 17.3 | - | 19.7 | 19.7 | 19.6 | - | 22.3 | 22.3 | 22.3 | - | 25.4 | 25.4 | 25.3 | - | | |
| HI PR | 260 | 261 | 263 | - | 300 | 301 | 303 | - | 342 | 343 | 345 | - | 388 | 389 | 391 | - | 437 | 438 | 440 | - | 489 | 490 | 492 | - | | |
| LO PR | 118 | 120 | 123 | - | 125 | 127 | 130 | - | 131 | 133 | 136 | - | 136 | 138 | 141 | - | 142 | 143 | 146 | - | 148 | 149 | 152 | - | | |
| 2250 | MBh | 60.3 | 61.1 | 62.8 | - | 59.8 | 60.6 | 62.3 | - | 58.3 | 59.1 | 60.8 | - | 55.7 | 56.5 | 58.2 | - | 52.5 | 53.4 | 55.1 | - | 49.7 | 50.5 | 52.2 | - | |
| | S/T | 0.71 | 0.64 | 0.50 | - | 0.72 | 0.64 | 0.51 | - | 0.75 | 0.67 | 0.53 | - | 0.76 | 0.69 | 0.55 | - | 1.00 | 0.71 | 0.57 | - | 1.00 | 0.76 | 0.63 | - | |
| ΔT | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 11 | - | 18 | 16 | 13 | - | | |
| kW | 3.39 | 3.39 | 3.38 | - | 3.81 | 3.81 | 3.80 | - | 4.29 | 4.28 | 4.28 | - | 4.80 | 4.80 | 4.79 | - | 5.37 | 5.37 | 5.36 | - | 6.04 | 6.04 | 6.03 | - | | |
| Amps | 13.3 | 13.3 | 13.3 | - | 15.3 | 15.3 | 15.2 | - | 17.4 | 17.4 | 17.4 | - | 19.8 | 19.8 | 19.7 | - | 22.4 | 22.4 | 22.4 | - | 25.5 | 25.5 | 25.4 | - | | |
| HI PR | 262 | 263 | 265 | - | 302 | 303 | 305 | - | 345 | 346 | 347 | - | 390 | 391 | 393 | - | 439 | 440 | 442 | - | 491 | 492 | 494 | - | | |
| LO PR | 121 | 122 | 125 | - | 128 | 129 | 132 | - | 134 | 135 | 138 | - | 139 | 140 | 143 | - | 144 | 145 | 148 | - | 150 | 152 | 155 | - | | |
| 75 | 1790 | MBh | 58.3 | 59.1 | 60.8 | 63.4 | 57.8 | 58.6 | 60.3 | 62.9 | 56.3 | 57.1 | 58.8 | 61.4 | 53.7 | 54.5 | 56.2 | 58.8 | 50.5 | 51.3 | 53.0 | 55.7 | 47.6 | 48.4 | 50.2 | 52.8 |
| | | S/T | 0.80 | 0.72 | 0.59 | 0.44 | 0.80 | 0.73 | 0.59 | 0.45 | 0.83 | 0.75 | 0.62 | 0.47 | 1.00 | 0.77 | 0.64 | 0.49 | 1.00 | 0.79 | 0.66 | 0.52 | 1.00 | 0.85 | 0.71 | 0.57 |
| | ΔT | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 17 | 14 | 24 | 22 | 19 | 15 | |
| | kW | 3.35 | 3.35 | 3.34 | 3.37 | 3.78 | 3.77 | 3.77 | 3.80 | 4.25 | 4.25 | 4.24 | 4.27 | 4.76 | 4.76 | 4.75 | 4.78 | 5.33 | 5.33 | 5.32 | 5.36 | 6.01 | 6.00 | 5.99 | 6.03 | |
| | Amps | 13.2 | 13.1 | 13.1 | 13.3 | 15.1 | 15.1 | 15.0 | 15.2 | 17.3 | 17.2 | 17.2 | 17.4 | 19.6 | 19.6 | 19.6 | 19.7 | 22.2 | 22.2 | 22.2 | 22.3 | 25.3 | 25.3 | 25.2 | 25.4 | |
| | HI PR | 258 | 259 | 261 | 265 | 298 | 299 | 301 | 306 | 340 | 341 | 343 | 348 | 386 | 387 | 389 | 393 | 435 | 436 | 438 | 442 | 487 | 488 | 490 | 495 | |
| | LO PR | 116 | 118 | 121 | 126 | 123 | 125 | 128 | 133 | 130 | 131 | 134 | 139 | 135 | 136 | 139 | 144 | 140 | 141 | 144 | 149 | 146 | 148 | 150 | 155 | |
| | 2000 | MBh | 59.1 | 59.9 | 61.6 | 64.3 | 58.6 | 59.4 | 61.1 | 63.8 | 57.1 | 57.9 | 59.6 | 62.3 | 54.5 | 55.3 | 57.0 | 59.7 | 51.4 | 52.2 | 53.9 | 56.5 | 48.5 | 49.3 | 51.0 | 53.6 |
| | | S/T | 0.83 | 0.75 | 0.62 | 0.47 | 0.84 | 0.76 | 0.62 | 0.48 | 0.86 | 0.79 | 0.65 | 0.51 | 1.00 | 0.81 | 0.67 | 0.53 | 1.00 | 0.83 | 0.69 | 0.55 | 1.00 | 0.88 | 0.74 | 0.60 |
| | ΔT | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 16 | 13 | 23 | 21 | 18 | 14 | |
| kW | 3.37 | 3.37 | 3.36 | 3.39 | 3.79 | 3.79 | 3.78 | 3.82 | 4.27 | 4.26 | 4.26 | 4.29 | 4.78 | 4.78 | 4.77 | 4.80 | 5.35 | 5.35 | 5.34 | 5.37 | 6.02 | 6.02 | 6.01 | 6.04 | | |
| Amps | 13.2 | 13.2 | 13.2 | 13.3 | 15.2 | 15.2 | 15.1 | 15.3 | 17.3 | 17.3 | 17.3 | 17.4 | 19.7 | 19.7 | 19.6 | 19.8 | 22.3 | 22.3 | 22.3 | 22.4 | 25.4 | 25.4 | 25.3 | 25.5 | | |
| HI PR | 260 | 261 | 263 | 267 | 300 | 301 | 303 | 307 | 342 | 343 | 345 | 350 | 388 | 389 | 391 | 395 | 437 | 438 | 440 | 444 | 489 | 490 | 492 | 497 | | |
| LO PR | 118 | 120 | 123 | 127 | 125 | 127 | 130 | 134 | 131 | 133 | 136 | 141 | 136 | 138 | 141 | 146 | 142 | 143 | 146 | 151 | 148 | 149 | 152 | 157 | | |
| 2250 | MBh | 60.3 | 61.1 | 62.9 | 65.5 | 59.8 | 60.6 | 62.3 | 65.0 | 58.3 | 59.1 | 60.8 | 63.5 | 55.7 | 56.5 | 58.2 | 60.9 | 52.6 | 53.4 | 55.1 | 57.7 | 49.7 | 50.5 | 52.2 | 54.9 | |
| | S/T | 0.84 | 0.77 | 0.63 | 0.49 | 0.85 | 0.77 | 0.64 | 0.49 | 1.00 | 0.80 | 0.66 | 0.52 | 1.00 | 0.82 | 0.68 | 0.54 | 1.00 | 0.84 | 0.70 | 0.56 | 1.00 | 0.89 | 0.76 | 0.61 | |
| ΔT | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 21 | 20 | 16 | 12 | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 22 | 20 | 17 | 13 | | |
| kW | 3.39 | 3.38 | 3.38 | 3.41 | 3.81 | 3.81 | 3.80 | 3.83 | 4.29 | 4.28 | 4.27 | 4.31 | 4.80 | 4.79 | 4.79 | 4.82 | 5.37 | 5.37 | 5.36 | 5.39 | 6.04 | 6.04 | 6.03 | 6.06 | | |
| Amps | 13.3 | 13.3 | 13.3 | 13.4 | 15.3 | 15.2 | 15.2 | 15.4 | 17.4 | 17.4 | 17.4 | 17.5 | 19.8 | 19.8 | 19.7 | 19.9 | 22.4 | 22.4 | 22.3 | 22.5 | 25.5 | 25.4 | 25.4 | 25.6 | | |
| HI PR | 262 | 263 | 265 | 270 | 303 | 304 | 305 | 310 | 345 | 346 | 348 | 352 | 390 | 391 | 393 | 398 | 439 | 440 | 442 | 447 | 492 | 493 | 495 | 499 | | |
| LO PR | 121 | 122 | 125 | 130 | 128 | 129 | 132 | 137 | 134 | 135 | 138 | 143 | 139 | 140 | 143 | 148 | 144 | 145 | 148 | 153 | 150 | 152 | 155 | 160 | | |

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 — GSZ140601K* + ASPT61D14** + TXV (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 | 58.6 | 59.4 | 61.1 | 63.7 | 58.1 | 58.9 | 60.6 | 63.2 | 56.6 | 57.4 | 59.1 | 61.7 | 54.0 | 54.8 | 56.5 | 59.1 | 50.8 | 51.6 | 53.3 | 56.0 | 47.9 | 48.7 | 50.5 | 53.1 |
| | 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 | 0.84 | 0.69 |
| | ΔT | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | 21 | 18 | 28 | 26 | 23 | 19 |
| | kW | 3.35 | 3.35 | 3.34 | 3.38 | 3.78 | 3.78 | 3.77 | 3.80 | 4.25 | 4.25 | 4.24 | 4.27 | 4.76 | 4.76 | 4.75 | 4.79 | 5.34 | 5.33 | 5.33 | 5.36 | 6.01 | 6.00 | 6.00 | 6.03 |
| | Amps | 13.2 | 13.1 | 13.1 | 13.3 | 15.1 | 15.1 | 15.1 | 15.2 | 17.3 | 17.3 | 17.2 | 17.4 | 19.6 | 19.6 | 19.6 | 19.7 | 22.2 | 22.2 | 22.2 | 22.3 | 25.3 | 25.3 | 25.3 | 25.4 |
| | HI PR | 258 | 259 | 261 | 266 | 299 | 300 | 302 | 306 | 341 | 342 | 344 | 348 | 386 | 387 | 389 | 394 | 435 | 436 | 438 | 443 | 488 | 489 | 491 | 495 |
| | 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 | 59.4 | 60.2 | 61.9 | 64.6 | 58.9 | 59.7 | 61.4 | 64.1 | 57.4 | 58.2 | 59.9 | 62.6 | 54.8 | 55.6 | 57.3 | 60.0 | 51.7 | 52.5 | 54.2 | 56.8 | 48.8 | 49.6 | 51.3 | 53.9 |
| | S/T | 0.96 | 0.88 | 0.74 | 0.60 | 1.00 | 0.89 | 0.75 | 0.61 | 1.00 | 0.91 | 0.78 | 0.63 | 1.00 | 0.93 | 0.79 | 0.65 | 1.00 | 0.95 | 0.82 | 0.67 | 1.00 | 1.00 | 0.87 | 0.73 |
| | ΔT | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 25 | 21 | 18 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 27 | 25 | 22 | 18 |
| kW | 3.37 | 3.37 | 3.36 | 3.39 | 3.80 | 3.79 | 3.79 | 3.82 | 4.27 | 4.27 | 4.26 | 4.29 | 4.78 | 4.78 | 4.77 | 4.80 | 5.35 | 5.35 | 5.34 | 5.38 | 6.02 | 6.02 | 6.01 | 6.05 | |
| Amps | 13.2 | 13.2 | 13.2 | 13.3 | 15.2 | 15.2 | 15.1 | 15.3 | 17.4 | 17.3 | 17.3 | 17.5 | 19.7 | 19.7 | 19.6 | 19.8 | 22.3 | 22.3 | 22.3 | 22.4 | 25.4 | 25.4 | 25.3 | 25.5 | |
| HI PR | 260 | 261 | 263 | 268 | 301 | 302 | 304 | 308 | 343 | 344 | 346 | 350 | 388 | 389 | 391 | 396 | 437 | 438 | 440 | 445 | 490 | 491 | 493 | 497 | |
| LO PR | 119 | 120 | 123 | 128 | 126 | 127 | 130 | 135 | 132 | 133 | 136 | 141 | 137 | 138 | 141 | 146 | 142 | 143 | 146 | 151 | 148 | 150 | 153 | 158 | |
| MBh | 60.6 | 61.4 | 63.2 | 65.8 | 60.1 | 60.9 | 62.6 | 65.3 | 58.6 | 59.4 | 61.1 | 63.8 | 56.0 | 56.8 | 58.6 | 61.2 | 52.9 | 53.7 | 55.4 | 58.0 | 50.0 | 50.8 | 52.5 | 55.1 | |
| S/T | 0.97 | 0.89 | 0.76 | 0.61 | 1.00 | 0.90 | 0.76 | 0.62 | 1.00 | 0.92 | 0.79 | 0.64 | 1.00 | 0.94 | 0.81 | 0.66 | 1.00 | 1.00 | 0.83 | 0.69 | 1.00 | 1.00 | 0.88 | 0.74 | |
| ΔT | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 25 | 24 | 20 | 17 | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 26 | 24 | 21 | 17 | |
| kW | 3.39 | 3.39 | 3.38 | 3.41 | 3.81 | 3.81 | 3.80 | 3.84 | 4.29 | 4.28 | 4.28 | 4.31 | 4.80 | 4.80 | 4.79 | 4.82 | 5.37 | 5.37 | 5.36 | 5.39 | 6.04 | 6.04 | 6.03 | 6.06 | |
| Amps | 13.3 | 13.3 | 13.3 | 13.4 | 15.3 | 15.3 | 15.2 | 15.4 | 17.4 | 17.4 | 17.4 | 17.5 | 19.8 | 19.8 | 19.7 | 19.9 | 22.4 | 22.4 | 22.3 | 22.5 | 25.5 | 25.5 | 25.4 | 25.6 | |
| HI PR | 263 | 264 | 266 | 270 | 303 | 304 | 306 | 310 | 345 | 346 | 348 | 353 | 391 | 392 | 394 | 398 | 440 | 441 | 443 | 447 | 492 | 493 | 495 | 499 | |
| LO PR | 121 | 123 | 125 | 130 | 128 | 129 | 132 | 137 | 134 | 136 | 139 | 143 | 139 | 141 | 144 | 149 | 144 | 146 | 149 | 154 | 151 | 152 | 155 | 160 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85 | MBh | 59.5 | 60.3 | 62.1 | 64.7 | 59.0 | 59.8 | 61.6 | 64.2 | 57.5 | 58.3 | 60.1 | 62.7 | 54.9 | 55.8 | 57.5 | 60.1 | 51.8 | 52.6 | 54.3 | 56.9 | 48.9 | 49.7 | 51.4 | 54.1 |
| | S/T | 1.00 | 0.95 | 0.81 | 0.67 | 1.00 | 0.96 | 0.82 | 0.68 | 1.00 | 0.98 | 0.84 | 0.70 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 0.89 | 0.74 | 1.00 | 1.00 | 0.94 | 0.79 |
| | ΔT | 31 | 29 | 25 | 22 | 31 | 29 | 25 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 25 | 22 | 30 | 29 | 25 | 22 | 32 | 30 | 26 | 23 |
| | kW | 3.36 | 3.36 | 3.35 | 3.38 | 3.79 | 3.78 | 3.78 | 3.81 | 4.26 | 4.26 | 4.25 | 4.28 | 4.77 | 4.77 | 4.76 | 4.79 | 5.34 | 5.34 | 5.33 | 5.37 | 6.02 | 6.01 | 6.00 | 6.04 |
| | Amps | 13.2 | 13.2 | 13.2 | 13.3 | 15.1 | 15.1 | 15.1 | 15.2 | 17.3 | 17.3 | 17.3 | 17.4 | 19.7 | 19.6 | 19.6 | 19.8 | 22.3 | 22.3 | 22.2 | 22.4 | 25.3 | 25.3 | 25.3 | 25.4 |
| | HI PR | 260 | 261 | 262 | 267 | 300 | 301 | 303 | 307 | 342 | 343 | 345 | 349 | 388 | 389 | 390 | 395 | 437 | 438 | 439 | 444 | 489 | 490 | 492 | 496 |
| | LO PR | 119 | 120 | 123 | 128 | 126 | 127 | 130 | 135 | 132 | 133 | 136 | 141 | 137 | 138 | 141 | 146 | 142 | 143 | 146 | 151 | 148 | 150 | 153 | 158 |
| | MBh | 60.4 | 61.2 | 62.9 | 65.5 | 59.9 | 60.7 | 62.4 | 65.0 | 58.4 | 59.2 | 60.9 | 63.5 | 55.8 | 56.6 | 58.3 | 60.9 | 52.6 | 53.4 | 55.2 | 57.8 | 49.7 | 50.6 | 52.3 | 54.9 |
| | S/T | 1.00 | 0.98 | 0.85 | 0.70 | 1.00 | 0.99 | 0.85 | 0.71 | 1.00 | 1.00 | 0.88 | 0.73 | 1.00 | 1.00 | 0.90 | 0.75 | 1.00 | 1.00 | 0.92 | 0.78 | 1.00 | 1.00 | 0.97 | 0.83 |
| | ΔT | 30 | 28 | 25 | 21 | 30 | 28 | 24 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 24 | 21 | 30 | 28 | 24 | 21 | 31 | 29 | 25 | 22 |
| kW | 3.38 | 3.38 | 3.37 | 3.40 | 3.80 | 3.80 | 3.79 | 3.83 | 4.28 | 4.27 | 4.27 | 4.30 | 4.79 | 4.79 | 4.78 | 4.81 | 5.36 | 5.36 | 5.35 | 5.38 | 6.03 | 6.03 | 6.02 | 6.05 | |
| Amps | 13.3 | 13.3 | 13.2 | 13.4 | 15.2 | 15.2 | 15.2 | 15.3 | 17.4 | 17.4 | 17.3 | 17.5 | 19.7 | 19.7 | 19.7 | 19.8 | 22.4 | 22.3 | 22.3 | 22.5 | 25.4 | 25.4 | 25.4 | 25.5 | |
| HI PR | 261 | 263 | 264 | 269 | 302 | 303 | 305 | 309 | 344 | 345 | 347 | 351 | 390 | 391 | 392 | 397 | 439 | 440 | 441 | 446 | 491 | 492 | 494 | 498 | |
| LO PR | 120 | 122 | 125 | 130 | 127 | 129 | 132 | 137 | 134 | 135 | 138 | 143 | 139 | 140 | 143 | 148 | 144 | 145 | 148 | 153 | 150 | 152 | 154 | 159 | |
| MBh | 61.6 | 62.4 | 64.1 | 66.8 | 61.1 | 61.9 | 63.6 | 66.2 | 59.6 | 60.4 | 62.1 | 64.7 | 57.0 | 57.8 | 59.5 | 62.2 | 53.8 | 54.7 | 56.4 | 59.0 | 51.0 | 51.8 | 53.5 | 56.1 | |
| S/T | 1.00 | 0.99 | 0.86 | 0.71 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 0.89 | 0.75 | 1.00 | 1.00 | 0.91 | 0.77 | 1.00 | 1.00 | 0.93 | 0.79 | 1.00 | 1.00 | 0.98 | 0.84 | |
| ΔT | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 23 | 20 | 30 | 28 | 24 | 21 | |
| kW | 3.40 | 3.39 | 3.39 | 3.42 | 3.82 | 3.82 | 3.81 | 3.84 | 4.30 | 4.29 | 4.28 | 4.32 | 4.81 | 4.80 | 4.80 | 4.83 | 5.38 | 5.38 | 5.37 | 5.40 | 6.05 | 6.05 | 6.04 | 6.07 | |
| Amps | 13.4 | 13.3 | 13.3 | 13.5 | 15.3 | 15.3 | 15.3 | 15.4 | 17.5 | 17.5 | 17.4 | 17.6 | 19.8 | 19.8 | 19.8 | 19.9 | 22.4 | 22.4 | 22.4 | 22.5 | 25.5 | 25.5 | 25.5 | 25.6 | |
| HI PR | 264 | 265 | 267 | 271 | 304 | 305 | 307 | 312 | 346 | 348 | 349 | 354 | 392 | 393 | 395 | 399 | 441 | 442 | 444 | 448 | 493 | 494 | 496 | 501 | |
| LO PR | 123 | 124 | 127 | 132 | 130 | 131 | 134 | 139 | 136 | 137 | 140 | 145 | 141 | 142 | 145 | 150 | 146 | 148 | 150 | 155 | 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 AHRI Rating Conditions.
 kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

GSZ140181K* - ARUF25B14 + TXV**

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 23.71 | 22.11 | 20.54 | 18.99 | 18.00 | 17.25 | 15.37 | 13.65 | 12.25 | 11.21 | 10.42 | 10.00 | 9.47 | 8.13 | 6.80 | 5.47 | 4.13 |
| T/R | 36.0 | 33.6 | 31.2 | 28.8 | 27.3 | 26.2 | 23.3 | 20.7 | 18.6 | 17.0 | 15.8 | 15.2 | 14.4 | 12.3 | 10.3 | 8.3 | 6.3 |
| kW | 1.51 | 1.48 | 1.45 | 1.42 | 1.40 | 1.39 | 1.36 | 1.33 | 1.30 | 1.27 | 1.24 | 1.22 | 1.21 | 1.18 | 1.15 | 1.12 | 1.09 |
| Amps | 7.2 | 6.6 | 6.1 | 5.7 | 5.5 | 5.3 | 5.0 | 4.7 | 4.4 | 4.2 | 4.0 | 3.8 | 3.8 | 3.5 | 3.3 | 3.0 | 2.7 |
| COP | 4.60 | 4.37 | 4.15 | 3.92 | 3.76 | 3.63 | 3.31 | 3.01 | 2.76 | 2.59 | 2.46 | 2.40 | 2.29 | 2.02 | 1.74 | 1.43 | 1.11 |

GSZ140181L* - ARUF25B14A*+TXV

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 23.71 | 22.11 | 20.54 | 18.99 | 18.00 | 17.25 | 15.37 | 13.65 | 12.25 | 11.21 | 10.42 | 10.00 | 9.47 | 8.13 | 6.80 | 5.47 | 4.13 |
| T/R | 35.99 | 33.56 | 31.17 | 28.82 | 27.32 | 26.18 | 23.33 | 20.72 | 18.60 | 17.01 | 15.82 | 15.18 | 14.37 | 12.35 | 10.32 | 8.30 | 6.27 |
| kW | 1.51 | 1.48 | 1.45 | 1.42 | 1.40 | 1.39 | 1.36 | 1.33 | 1.30 | 1.27 | 1.24 | 1.22 | 1.21 | 1.18 | 1.15 | 1.12 | 1.09 |
| Amps | 7.2 | 6.6 | 6.1 | 5.7 | 5.5 | 5.3 | 5.0 | 4.7 | 4.4 | 4.2 | 4.0 | 3.8 | 3.8 | 3.5 | 3.3 | 3.0 | 2.7 |
| COP | 4.60 | 4.37 | 4.15 | 3.92 | 3.76 | 3.63 | 3.31 | 3.01 | 2.76 | 2.59 | 2.46 | 2.40 | 2.29 | 2.02 | 1.74 | 1.43 | 1.11 |

GSZ140191A* - ARUF25B14*+TXV

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 23.71 | 22.11 | 20.54 | 18.99 | 18.00 | 17.25 | 15.37 | 13.65 | 12.25 | 11.21 | 10.42 | 10.00 | 9.47 | 8.13 | 6.80 | 5.47 | 4.13 |
| T/R | 35.99 | 33.56 | 31.17 | 28.82 | 27.32 | 26.18 | 23.33 | 20.72 | 18.60 | 17.01 | 15.82 | 15.18 | 14.37 | 12.35 | 10.32 | 8.30 | 6.27 |
| kW | 1.63 | 1.57 | 1.50 | 1.44 | 1.40 | 1.37 | 1.30 | 1.24 | 1.17 | 1.11 | 1.04 | 1.00 | 0.98 | 0.91 | 0.85 | 0.78 | 0.71 |
| Amps | 7.1 | 6.6 | 6.1 | 5.7 | 5.4 | 5.3 | 5.0 | 4.7 | 4.4 | 4.2 | 4.0 | 3.8 | 3.7 | 3.5 | 3.3 | 3.0 | 2.7 |
| COP | 4.26 | 4.13 | 4.01 | 3.88 | 3.78 | 3.69 | 3.45 | 3.23 | 3.06 | 2.96 | 2.93 | 2.92 | 2.84 | 2.62 | 2.36 | 2.05 | 1.70 |

GSZ140241K* / ARUF25B14A*+TXV

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 30.74 | 28.63 | 26.55 | 24.50 | 23.20 | 22.20 | 19.70 | 17.43 | 15.59 | 14.20 | 13.16 | 12.60 | 11.89 | 10.13 | 8.36 | 6.59 | 4.83 |
| T/R | 32.7 | 30.5 | 28.3 | 26.1 | 24.7 | 23.6 | 21.0 | 18.6 | 16.6 | 15.1 | 14.0 | 13.4 | 12.7 | 10.8 | 8.9 | 7.0 | 5.1 |
| kW | 1.97 | 1.93 | 1.88 | 1.84 | 1.81 | 1.79 | 1.75 | 1.70 | 1.66 | 1.61 | 1.57 | 1.54 | 1.52 | 1.48 | 1.43 | 1.39 | 1.34 |
| Amps | 9.1 | 8.4 | 7.8 | 7.2 | 6.9 | 6.7 | 6.3 | 5.9 | 5.6 | 5.3 | 5.0 | 4.8 | 4.7 | 4.4 | 4.1 | 3.7 | 3.3 |
| COP | 4.57 | 4.36 | 4.14 | 3.91 | 3.76 | 3.63 | 3.31 | 3.00 | 2.76 | 2.58 | 2.46 | 2.40 | 2.29 | 2.01 | 1.71 | 1.39 | 1.05 |

GSZ140251A* - ARUF25B14*+TXV

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 29.87 | 28.00 | 26.17 | 24.36 | 23.20 | 22.36 | 20.21 | 18.21 | 16.57 | 15.36 | 14.48 | 14.00 | 13.39 | 11.85 | 10.32 | 8.79 | 7.25 |
| T/R | 32.16 | 30.15 | 28.17 | 26.23 | 24.98 | 24.07 | 21.76 | 19.60 | 17.84 | 16.54 | 15.58 | 15.07 | 14.41 | 12.76 | 11.11 | 9.46 | 7.81 |
| kW | 1.85 | 1.82 | 1.79 | 1.75 | 1.74 | 1.72 | 1.69 | 1.66 | 1.63 | 1.59 | 1.56 | 1.54 | 1.53 | 1.50 | 1.46 | 1.43 | 1.40 |
| Amps | 8.7 | 8.0 | 7.4 | 6.9 | 6.6 | 6.4 | 6.0 | 5.6 | 5.3 | 5.0 | 4.7 | 4.6 | 4.5 | 4.2 | 3.9 | 3.5 | 3.2 |
| COP | 4.73 | 4.51 | 4.29 | 4.07 | 3.92 | 3.80 | 3.50 | 3.22 | 2.99 | 2.83 | 2.72 | 2.66 | 2.57 | 2.32 | 2.07 | 1.80 | 1.52 |

Calculations are based on nominal CFM and 70°F indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)

Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature.

kW = Total system power

EXPANDED HEATING DATA (CONT.)

GSZ140301K* / ARUF29B14** + TXV

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|------|-----------------------------|-------|-------|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 37.15 | 34.70 | 32.29 | 29.92 | 28.40 | 27.27 | 24.40 | 21.77 | 19.62 | 18.03 | 16.84 | 16.20 | 15.39 | 13.35 | 11.32 | 9.29 | 7.25 |
| T/R | 39.5 | 36.9 | 34.4 | 31.8 | 30.2 | 29.0 | 26.0 | 23.2 | 20.9 | 19.2 | 17.9 | 17.2 | 16.4 | 14.2 | 12.0 | 9.9 | 7.7 |
| kW | 2.48 | 2.42 | 2.37 | 2.31 | 2.27 | 2.25 | 2.19 | 2.14 | 2.08 | 2.02 | 1.96 | 1.93 | 1.91 | 1.85 | 1.79 | 1.74 | 1.68 |
| Amps | 11.9 | 10.9 | 10.1 | 9.4 | 9.0 | 8.8 | 8.3 | 7.8 | 7.4 | 7.0 | 6.6 | 6.4 | 6.2 | 5.8 | 5.4 | 5.0 | 4.5 |
| COP | 4.39 | 4.20 | 4.00 | 3.80 | 3.66 | 3.55 | 3.26 | 2.99 | 2.77 | 2.61 | 2.51 | 2.46 | 2.36 | 2.12 | 1.85 | 1.57 | 1.27 |

GSZ140311A* - ARUF29B14**+TXV

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|------|-----------------------------|-------|-------|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 39.73 | 37.29 | 34.88 | 32.52 | 31.00 | 29.90 | 27.11 | 24.49 | 22.34 | 20.77 | 19.62 | 19.00 | 18.20 | 16.20 | 14.20 | 12.20 | 10.20 |
| T/R | 42.28 | 39.68 | 37.13 | 34.61 | 32.99 | 31.82 | 28.85 | 26.06 | 23.78 | 22.10 | 20.88 | 20.22 | 19.37 | 17.24 | 15.11 | 12.98 | 10.86 |
| kW | 3.01 | 2.92 | 2.83 | 2.74 | 2.69 | 2.65 | 2.56 | 2.47 | 2.39 | 2.30 | 2.21 | 2.15 | 2.12 | 2.03 | 1.94 | 1.85 | 1.76 |
| Amps | 14.3 | 13.2 | 12.2 | 11.4 | 10.9 | 10.6 | 10.0 | 9.4 | 8.9 | 8.5 | 8.0 | 7.7 | 7.6 | 7.1 | 6.6 | 6.1 | 5.5 |
| COP | 3.87 | 3.74 | 3.61 | 3.47 | 3.38 | 3.30 | 3.10 | 2.90 | 2.75 | 2.65 | 2.61 | 2.59 | 2.52 | 2.34 | 2.15 | 1.93 | 1.70 |

GSZ140361K* / ARUF37C14** + TXV

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|------|-----------------------------|-------|-------|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 42.72 | 39.94 | 37.21 | 34.52 | 32.80 | 31.52 | 28.28 | 25.30 | 22.87 | 21.06 | 19.72 | 19.00 | 18.08 | 15.78 | 13.48 | 11.18 | 8.88 |
| T/R | 37.0 | 34.6 | 32.2 | 29.9 | 28.4 | 27.3 | 24.5 | 21.9 | 19.8 | 18.2 | 17.1 | 16.4 | 15.6 | 13.7 | 11.7 | 9.7 | 7.7 |
| kW | 2.81 | 2.76 | 2.71 | 2.66 | 2.63 | 2.61 | 2.56 | 2.50 | 2.45 | 2.40 | 2.35 | 2.32 | 2.30 | 2.25 | 2.20 | 2.15 | 2.10 |
| Amps | 13.6 | 12.5 | 11.6 | 10.8 | 10.3 | 10.0 | 9.4 | 8.9 | 8.4 | 7.9 | 7.5 | 7.3 | 7.1 | 6.6 | 6.2 | 5.7 | 5.1 |
| COP | 4.46 | 4.24 | 4.03 | 3.81 | 3.66 | 3.55 | 3.24 | 2.96 | 2.73 | 2.57 | 2.46 | 2.40 | 2.30 | 2.06 | 1.80 | 1.53 | 1.24 |

GSZ140371A* - ARUF37C14**+TXV

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|------|-----------------------------|-------|-------|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 42.85 | 40.38 | 37.94 | 35.55 | 34.00 | 32.87 | 30.16 | 27.45 | 25.32 | 23.73 | 22.61 | 22.00 | 21.20 | 19.20 | 17.20 | 15.20 | 13.20 |
| T/R | 40.28 | 37.95 | 35.67 | 33.42 | 31.96 | 30.90 | 28.35 | 25.80 | 23.80 | 22.31 | 21.25 | 20.68 | 19.93 | 18.05 | 16.17 | 14.29 | 12.41 |
| kW | 2.75 | 2.71 | 2.67 | 2.64 | 2.61 | 2.60 | 2.56 | 2.52 | 2.48 | 2.44 | 2.40 | 2.38 | 2.37 | 2.33 | 2.29 | 2.25 | 2.21 |
| Amps | 13.7 | 12.6 | 11.6 | 10.8 | 10.4 | 10.1 | 9.5 | 9.0 | 8.5 | 8.0 | 7.6 | 7.3 | 7.2 | 6.7 | 6.3 | 5.8 | 5.2 |
| COP | 4.57 | 4.36 | 4.16 | 3.95 | 3.82 | 3.71 | 3.45 | 3.19 | 2.99 | 2.85 | 2.76 | 2.71 | 2.63 | 2.42 | 2.20 | 1.98 | 1.75 |

Calculations are based on nominal CFM and 70°F indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)

Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature.

kW = Total system power

GSZ140421K* - ARUF43D14A*+TXV

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 51.58 | 48.34 | 45.15 | 42.02 | 40.00 | 38.54 | 34.80 | 31.31 | 28.47 | 26.37 | 24.83 | 24.00 | 22.93 | 20.27 | 17.60 | 14.93 | 12.27 |
| T/R | 37.9 | 35.5 | 33.2 | 30.9 | 29.4 | 28.3 | 25.6 | 23.0 | 20.9 | 19.4 | 18.2 | 17.6 | 16.9 | 14.9 | 12.9 | 11.0 | 9.0 |
| kW | 3.41 | 3.34 | 3.27 | 3.21 | 3.17 | 3.14 | 3.08 | 3.01 | 2.94 | 2.88 | 2.81 | 2.77 | 2.74 | 2.68 | 2.61 | 2.54 | 2.48 |
| Amps | 16.5 | 15.2 | 14.0 | 13.0 | 12.5 | 12.2 | 11.4 | 10.7 | 10.2 | 9.6 | 9.1 | 8.8 | 8.6 | 8.0 | 7.5 | 6.8 | 6.1 |
| COP | 4.44 | 4.24 | 4.04 | 3.84 | 3.70 | 3.60 | 3.32 | 3.05 | 2.84 | 2.69 | 2.59 | 2.54 | 2.45 | 2.22 | 1.98 | 1.72 | 1.45 |

GSZ140481K* - ARUF61D14A*+TXV

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 56.58 | 53.20 | 49.88 | 46.61 | 44.50 | 42.97 | 39.18 | 35.56 | 32.58 | 30.41 | 28.84 | 28.00 | 26.90 | 24.15 | 21.40 | 18.65 | 15.90 |
| T/R | 33.7 | 31.7 | 29.7 | 27.8 | 26.5 | 25.6 | 23.3 | 21.2 | 19.4 | 18.1 | 17.2 | 16.7 | 16.0 | 14.4 | 12.7 | 11.1 | 9.5 |
| kW | 3.51 | 3.48 | 3.44 | 3.40 | 3.38 | 3.36 | 3.33 | 3.29 | 3.25 | 3.22 | 3.18 | 3.16 | 3.14 | 3.10 | 3.07 | 3.03 | 2.99 |
| Amps | 17.2 | 15.8 | 14.6 | 13.6 | 13.0 | 12.6 | 11.8 | 11.1 | 10.5 | 9.9 | 9.4 | 9.0 | 8.8 | 8.2 | 7.6 | 7.0 | 6.2 |
| COP | 4.72 | 4.49 | 4.25 | 4.02 | 3.86 | 3.74 | 3.45 | 3.17 | 2.94 | 2.77 | 2.66 | 2.60 | 2.51 | 2.28 | 2.04 | 1.80 | 1.56 |

GSZ140491K* - ARUF49C14A*+TXV

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 59.32 | 55.59 | 51.92 | 48.32 | 46.00 | 44.32 | 40.01 | 36.01 | 32.74 | 30.32 | 28.55 | 27.60 | 26.37 | 23.31 | 20.24 | 17.17 | 14.11 |
| T/R | 39.2 | 36.8 | 34.3 | 32.0 | 30.4 | 29.3 | 26.5 | 23.8 | 21.7 | 20.1 | 18.9 | 18.3 | 17.4 | 15.4 | 13.4 | 11.4 | 9.3 |
| kW | 3.96 | 3.87 | 3.79 | 3.70 | 3.64 | 3.61 | 3.52 | 3.43 | 3.34 | 3.25 | 3.16 | 3.11 | 3.08 | 2.99 | 2.90 | 2.81 | 2.72 |
| Amps | 19.1 | 17.5 | 16.2 | 15.1 | 14.5 | 14.1 | 13.2 | 12.4 | 11.7 | 11.1 | 10.5 | 10.1 | 9.9 | 9.3 | 8.6 | 7.9 | 7.1 |
| COP | 4.39 | 4.21 | 4.02 | 3.83 | 3.70 | 3.60 | 3.33 | 3.08 | 2.87 | 2.73 | 2.64 | 2.60 | 2.51 | 2.29 | 2.05 | 1.79 | 1.52 |

GSZ140601K* - ASPT61D14A*

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 75.71 | 71.04 | 66.44 | 61.91 | 59.00 | 56.89 | 51.54 | 46.52 | 42.41 | 39.39 | 37.18 | 36.00 | 34.47 | 30.63 | 26.80 | 22.97 | 19.13 |
| T/R | 38.9 | 36.5 | 34.2 | 31.8 | 30.3 | 29.3 | 26.5 | 23.9 | 21.8 | 20.3 | 19.1 | 18.5 | 17.7 | 15.8 | 13.8 | 11.8 | 9.8 |
| kW | 4.91 | 4.79 | 4.67 | 4.55 | 4.48 | 4.43 | 4.31 | 4.20 | 4.08 | 3.96 | 3.84 | 3.77 | 3.72 | 3.60 | 3.48 | 3.36 | 3.25 |
| Amps | 23.4 | 21.5 | 19.8 | 18.4 | 17.6 | 17.2 | 16.1 | 15.1 | 14.3 | 13.5 | 12.8 | 12.3 | 12.0 | 11.2 | 10.4 | 9.5 | 8.5 |
| COP | 4.52 | 4.35 | 4.17 | 3.99 | 3.86 | 3.76 | 3.50 | 3.25 | 3.05 | 2.92 | 2.84 | 2.80 | 2.71 | 2.49 | 2.25 | 2.00 | 1.73 |

Calculations are based on nominal CFM and 70°F indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)

Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature.

kW = Total system power

| GSZ140181K* + ARUF25B14** + TXV | | | | |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 610 CFM | | | | |
| OUTDOOR TEM. ° F. | TOTAL BTU/H | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS |
| 75 | 18,900 | 13,986 | 4,914 | 1,180 |
| 80 | 18,650 | 14,077 | 4,573 | 1,245 |
| 85 | 18,400 | 14,168 | 4,232 | 1,310 |
| 90 | 18,000 | 14,036 | 3,964 | 1,380 |
| 95 | 17,600 | 13,904 | 3,696 | 1,450 |
| 100 | 17,100 | 13,675 | 3,425 | 1,530 |
| 105 | 16,600 | 13,446 | 3,154 | 1,610 |
| 110 | 16,150 | 13,474 | 2,676 | 1,705 |
| 115 | 15,700 | 13,502 | 2,198 | 1,800 |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB | | | | |
| 95° | 17,000 | 13,600 | 3,400 | 1,450 |

| GSZ140181L* + ARUF25B14** + TXV | | | | |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 610 CFM | | | | |
| OUTDOOR TEM. ° F. | TOTAL BTU/H | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS |
| 75 | 18,700 | 14,230 | 4,452 | 1,146 |
| 80 | 18,500 | 14,337 | 4,157 | 1,205 |
| 85 | 18,200 | 14,359 | 3,854 | 1,265 |
| 90 | 17,850 | 14,267 | 3,577 | 1,328 |
| 95 | 17,400 | 14,082 | 3,322 | 1,394 |
| 100 | 16,900 | 13,857 | 3,060 | 1,463 |
| 105 | 16,400 | 13,668 | 2,747 | 1,538 |
| 110 | 15,930 | 13,605 | 2,328 | 1,618 |
| 115 | 15,500 | 13,767 | 1,745 | 1,706 |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB | | | | |
| 95° | 16,800 | 13,853 | 3,020 | 1,395 |

| GSZ140191A* + ARUF25B14** + TXV | | | | |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 614 CFM | | | | |
| OUTDOOR TEM. ° F. | TOTAL BTU/H | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS |
| 75 | 18,650 | 13,962 | 4,688 | 1,250 |
| 80 | 18,450 | 14,033 | 4,392 | 1,315 |
| 85 | 18,200 | 14,103 | 4,097 | 1,380 |
| 90 | 17,800 | 13,970 | 3,830 | 1,450 |
| 95 | 17,400 | 13,838 | 3,562 | 1,525 |
| 100 | 16,900 | 13,650 | 3,275 | 1,605 |
| 105 | 16,450 | 13,463 | 2,987 | 1,685 |
| 110 | 16,000 | 13,514 | 2,486 | 1,780 |
| 115 | 15,550 | 13,564 | 1,986 | 1,870 |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB | | | | |
| 95° | 16,800 | 13,550 | 3,250 | 1,525 |

| GSZ140241K* + ARUF25B14** + TXV | | | | |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 870 CFM | | | | |
| OUTDOOR TEM. ° F. | TOTAL BTU/H | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS |
| 75 | 25,100 | 19,076 | 6,024 | 1,580 |
| 80 | 25,400 | 19,093 | 6,307 | 1,675 |
| 85 | 24,500 | 19,110 | 5,390 | 1,770 |
| 90 | 24,550 | 18,915 | 5,635 | 1,870 |
| 95 | 23,400 | 18,720 | 4,680 | 1,970 |
| 100 | 23,350 | 18,532 | 4,819 | 2,080 |
| 105 | 22,100 | 18,343 | 3,757 | 2,190 |
| 110 | 22,050 | 18,368 | 3,683 | 2,385 |
| 115 | 20,900 | 18,392 | 2,508 | 2,450 |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB | | | | |
| 95° | 22,600 | 18,532 | 4,068 | 1,970 |

| GSZ140251A* + ARUF25B14** + TXV | | | | |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 614 CFM | | | | |
| OUTDOOR TEM. ° F. | TOTAL BTU/H | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS |
| 75 | 24,500 | 17,976 | 6,524 | 1,625 |
| 80 | 24,200 | 18,076 | 6,124 | 1,720 |
| 85 | 23,900 | 18,176 | 5,724 | 1,810 |
| 90 | 23,350 | 18,015 | 5,360 | 1,910 |
| 95 | 22,850 | 17,853 | 4,997 | 2,010 |
| 100 | 22,200 | 17,600 | 4,600 | 2,120 |
| 105 | 21,550 | 17,347 | 4,203 | 2,235 |
| 110 | 20,950 | 17,424 | 3,526 | 2,365 |
| 115 | 20,350 | 17,501 | 2,849 | 2,495 |
| TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB | | | | |
| 95° | 22,000 | 17,450 | 4,550 | 2,010 |

| GSZ140301K* + ARUF29B14** + TXV | | | | |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 870 CFM | | | | |
| OUTDOOR TEM. ° F. | TOTAL BTU/H | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS |
| 75 | 29,600 | 20,720 | 8,880 | 1,880 |
| 80 | 29,250 | 20,764 | 8,486 | 1,995 |
| 85 | 28,900 | 20,808 | 8,092 | 2,110 |
| 90 | 28,250 | 20,616 | 7,634 | 2,230 |
| 95 | 27,600 | 20,424 | 7,176 | 2,350 |
| 100 | 26,850 | 20,130 | 6,720 | 2,490 |
| 105 | 26,100 | 19,836 | 6,264 | 2,630 |
| 110 | 25,400 | 19,922 | 5,479 | 2,790 |
| 115 | 24,700 | 20,007 | 4,693 | 2,950 |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB | | | | |
| 95° | 26,600 | 19,950 | 6,650 | 2,360 |

| GSZ140311A* + ARUF29B14** + TXV | | | | |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 614 CFM | | | | |
| OUTDOOR TEM. ° F. | TOTAL BTU/H | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS |
| 75 | 30,550 | 22,385 | 8,165 | 1,920 |
| 80 | 30,200 | 22,492 | 7,708 | 2,025 |
| 85 | 29,850 | 22,600 | 7,250 | 2,130 |
| 90 | 29,200 | 22,378 | 6,822 | 2,245 |
| 95 | 28,550 | 22,156 | 6,394 | 2,360 |
| 100 | 27,750 | 21,845 | 5,930 | 2,485 |
| 105 | 27,000 | 21,534 | 5,466 | 2,615 |
| 110 | 26,250 | 21,596 | 4,679 | 2,765 |
| 115 | 25,550 | 21,658 | 3,892 | 2,915 |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB | | | | |
| 95° | 27,550 | 21,650 | 5,900 | 2,360 |

| GSZ140361K* + ARUF37C14** + TXV | | | | |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 1070 CFM | | | | |
| OUTDOOR TEM. ° F. | TOTAL BTU/H | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS |
| 75 | 37,700 | 26,390 | 11,310 | 2,430 |
| 80 | 37,250 | 26,443 | 10,807 | 2,575 |
| 85 | 36,800 | 26,496 | 10,304 | 2,720 |
| 90 | 36,000 | 26,272 | 9,728 | 2,880 |
| 95 | 35,200 | 26,048 | 9,152 | 3,040 |
| 100 | 34,200 | 25,640 | 8,560 | 3,220 |
| 105 | 33,200 | 25,232 | 7,968 | 3,400 |
| 110 | 32,300 | 25,333 | 6,967 | 3,610 |
| 115 | 31,400 | 25,434 | 5,966 | 3,820 |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB | | | | |
| 95° | 33,900 | 25,425 | 8,475 | 3,050 |

| GSZ140371A* + ARUF37C14** + TXV | | | | |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 614 CFM | | | | |
| OUTDOOR TEM. ° F. | TOTAL BTU/H | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS |
| 75 | 36,400 | 26,466 | 9,934 | 2,265 |
| 80 | 35,950 | 26,564 | 9,386 | 2,390 |
| 85 | 35,500 | 26,663 | 8,837 | 2,515 |
| 90 | 34,750 | 26,417 | 8,333 | 2,650 |
| 95 | 34,000 | 26,170 | 7,830 | 2,785 |
| 100 | 33,050 | 25,798 | 7,277 | 2,940 |
| 105 | 32,150 | 25,427 | 6,723 | 3,090 |
| 110 | 31,300 | 25,505 | 5,795 | 3,270 |
| 115 | 30,450 | 25,582 | 4,868 | 3,450 |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB | | | | |
| 95° | 32,800 | 25,550 | 7,250 | 2,790 |

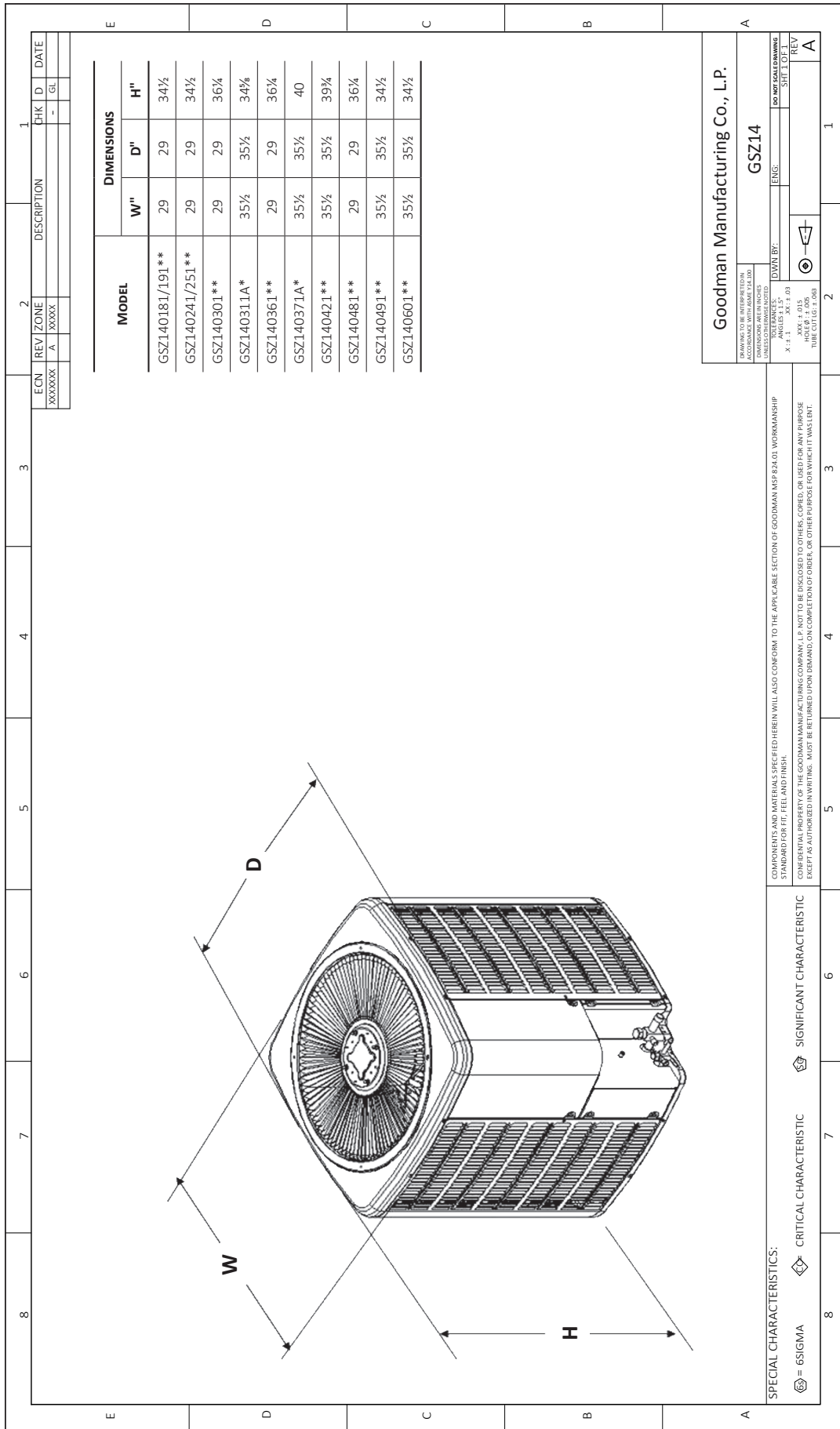
| GSZ140421K* + ARUF43C14** + TXV | | | | |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 1300 CFM | | | | |
| OUTDOOR TEM. ° F. | TOTAL BTU/H | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS |
| 75 | 41,800 | 29,678 | 12,122 | 2,720 |
| 80 | 41,300 | 29,935 | 11,365 | 2,870 |
| 85 | 40,800 | 30,192 | 10,608 | 3,020 |
| 90 | 39,900 | 29,916 | 9,984 | 3,190 |
| 95 | 39,000 | 29,640 | 9,360 | 3,360 |
| 100 | 37,900 | 29,172 | 8,728 | 3,545 |
| 105 | 36,800 | 28,704 | 8,096 | 3,730 |
| 110 | 35,800 | 28,794 | 7,006 | 3,950 |
| 115 | 34,800 | 28,884 | 5,916 | 4,170 |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB | | | | |
| 95° | 37,600 | 28,952 | 8,648 | 3,360 |

| GSZ140481K + ARUF61D14** + TXV | | | | |
|---|---------------|----------------|--------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 1560 CFM | | | | |
| OUTDOOR TEM. ° F. | TOTAL BTU/H | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS |
| 75 | 48,300 | 35,742 | 12,558 | 3,110 |
| 80 | 47,700 | 36,005 | 11,696 | 3,290 |
| 85 | 47,100 | 36,267 | 10,833 | 3,470 |
| 90 | 46,550 | 35,909 | 10,642 | 3,665 |
| 95 | 45,000 | 35,550 | 9,450 | 3,860 |
| 100 | 43,750 | 34,988 | 8,763 | 4,075 |
| 105 | 42,500 | 34,425 | 8,075 | 4,290 |
| 110 | 41,350 | 34,499 | 6,852 | 4,545 |
| 115 | 40,200 | 34,572 | 5,628 | 4,800 |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB | | | | |
| 95° | 43,400 | 34,720 | 8,680 | 3,860 |

| GSZ140491K* + ARUF49C14** + TXV | | | | |
|---|---------------|----------------|---------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 1400 CFM | | | | |
| OUTDOOR TEM. ° F. | TOTAL BTU/H | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS |
| 75 | 47,700 | 33,867 | 13,833 | 3,000 |
| 80 | 47,100 | 33,906 | 13,194 | 3,175 |
| 85 | 46,500 | 33,945 | 12,555 | 3,350 |
| 90 | 45,500 | 33,660 | 11,840 | 3,540 |
| 95 | 44,500 | 33,375 | 11,125 | 3,730 |
| 100 | 43,250 | 33,068 | 10,183 | 3,940 |
| 105 | 42,000 | 32,760 | 9,240 | 4,150 |
| 110 | 40,850 | 32,856 | 7,995 | 4,400 |
| 115 | 39,700 | 32,951 | 6,749 | 4,650 |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB | | | | |
| 95° | 42,900 | 32,604 | 10,296 | 3,730 |

PERFORMANCE DATA (CONT.)

| GSZ140601K* + ASPT61D14** + TXV | | | | |
|---|---------------|----------------|---------------|--------------|
| Conditions: 80 °F IBD, 67 °F IWB @ 1790 CFM | | | | |
| OUTDOOR TEM. ° F. | TOTAL BTU/H | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS |
| 75 | 60,600 | 42,420 | 18,180 | 3,770 |
| 80 | 59,850 | 42,782 | 17,069 | 4,010 |
| 85 | 59,100 | 43,143 | 15,957 | 4,250 |
| 90 | 57,800 | 42,759 | 15,041 | 4,505 |
| 95 | 56,500 | 42,375 | 14,125 | 4,760 |
| 100 | 54,900 | 41,708 | 13,192 | 5,045 |
| 105 | 53,300 | 41,041 | 12,259 | 5,330 |
| 110 | 51,900 | 41,226 | 10,675 | 5,670 |
| 115 | 50,500 | 41,410 | 9,090 | 6,010 |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB | | | | |
| 95° | 54,500 | 41,420 | 13,080 | 4,770 |



| MODEL | DIMENSIONS | | |
|-----------------|------------|-----|-----|
| | W" | D" | H" |
| GSZ140181/191** | 29 | 29 | 34½ |
| GSZ140241/251** | 29 | 29 | 34½ |
| GSZ140301** | 29 | 29 | 36% |
| GSZ140311A* | 35½ | 35½ | 34% |
| GSZ140361** | 29 | 29 | 36% |
| GSZ140371A* | 35½ | 35½ | 40 |
| GSZ140421** | 35½ | 35½ | 39% |
| GSZ140481** | 29 | 29 | 36% |
| GSZ140491** | 35½ | 35½ | 34½ |
| GSZ140601** | 35½ | 35½ | 34½ |

Goodman Manufacturing Co., L.P.

GSZ14

ENGINE

DO NOT SCALE DRAWING

SHIFT 1 OF 1

DATE

BY

CHKD BY

DATE

| | | | | | | |
|--------|-----|-------|-------------|-----|----|------|
| ECN | REV | ZONE | DESCRIPTION | CHK | D | DATE |
| XXXXXX | A | XXXXX | | - | GL | |

COMPONENTS AND MATERIALS SPECIFIED HEREIN WILL ALSO CONFORM TO THE APPLICABLE SECTION OF GOODMAN MSP R34.01 WORKMANSHIP STANDARD FOR FIT, FEEL AND FINISH.

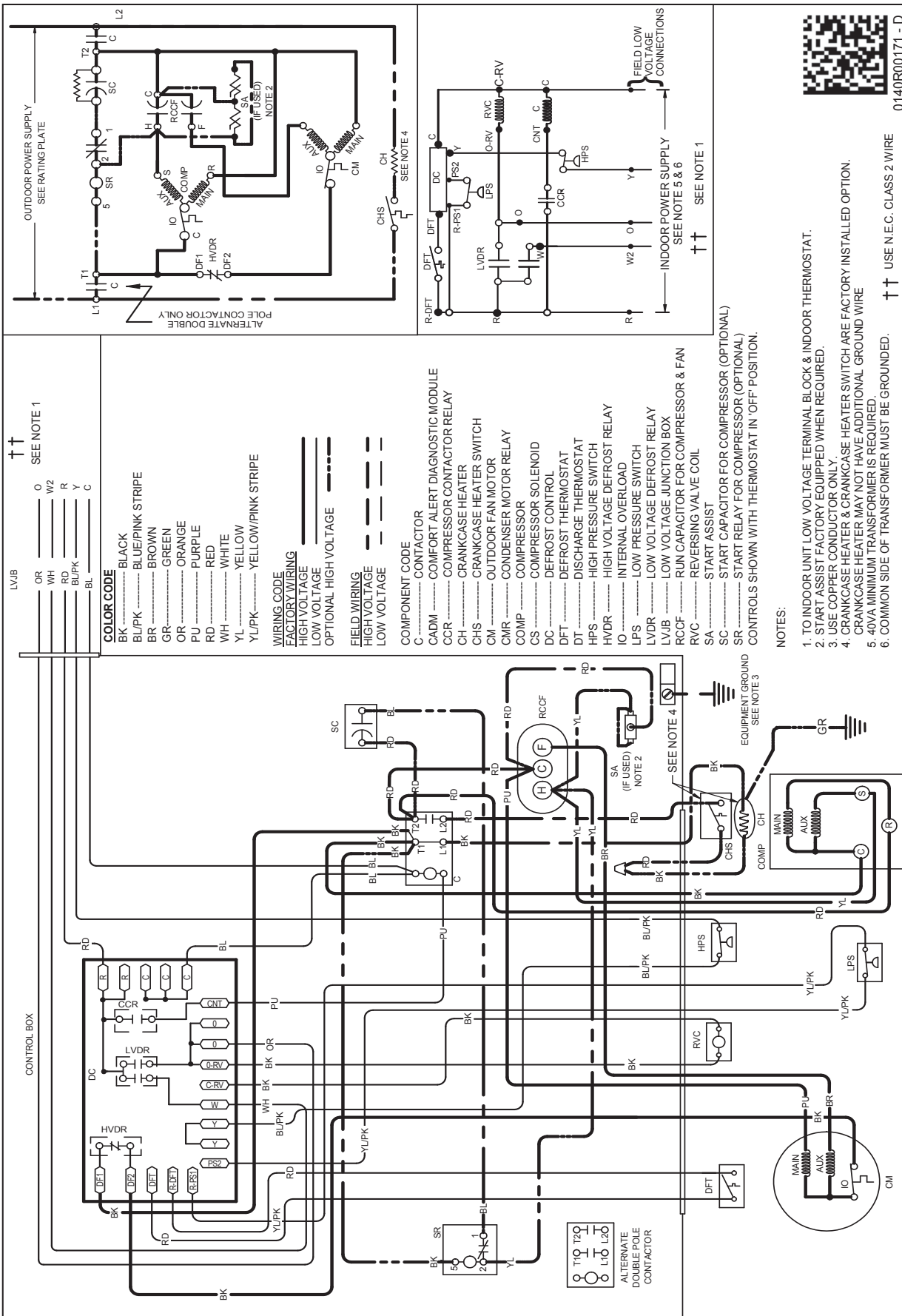
CONFIDENTIAL PROPERTY OF THE GOODMAN MANUFACTURING COMPANY, L.P. NOT TO BE DISCLOSED TO OTHERS, COPIED, OR USED FOR ANY PURPOSE EXCEPT AS AUTHORIZED IN WRITING. MUST BE TURNED UPON DEMAND ON COMPLETION OF ORDER, OR OTHER PURPOSE FOR WHICH IT WAS LENT.

SPECIAL CHARACTERISTICS:

6S = 6SIGMA

6C = CRITICAL CHARACTERISTIC

6S = SIGNIFICANT CHARACTERISTIC



01140R00171 - D

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



WARNING

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



| MODEL # | DESCRIPTION | GSZ140 181L* | GSZ140 181K*/191** | GSZ140 241/251** | GSZ140 301** | GSZ140 311** | GSZ140 361** |
|-----------------------|---------------------------------|-----------------|-----------------------|---------------------|-----------------|-----------------|-----------------|
| ABK-20 | Anchor Bracket Kit [◊] | X | X | X | X | | X |
| ASC-01 | Anti-Short Cycle Kit | X | X | X | X | X | X |
| AFE18-60A | All-fuel Kit | X | X | X | X | | X |
| OT/EHR18-60 | Emergency Heat Relay kit | X | X | X | X | | X |
| FSK01A ¹ | Freeze Protection Kit | X | X | X | X | X | X |
| CSR-U-1 | Hard-start Kit | | X | X | X | X | X |
| LAKT01A | Low-Ambient Kit | X | X | X | X | X | X |
| O130R00000S | Low-Pressure Switch Kit | X | X | X | X | | X |
| OT18-60A ² | Outdoor Thermostat | X | X | X | X | X | X |
| TX2N4A ³ | TXV Kit | X | X | X | | | |
| TX3N4 ³ | TXV Kit | | | | X | X | X |
| TX5N4 ³ | TXV Kit | | | | | | |

[◊] Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil

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

³ Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit. The TXV should always be sized based on the tonnage of the outdoor unit.

| MODEL # | DESCRIPTION | GSZ14 0371** | GSZ14 0421** | GSZ14 0481/491** | GSZ14 0601** |
|-----------------------|---------------------------------|-----------------|-----------------|---------------------|-----------------|
| ABK-20 | Anchor Bracket Kit [◊] | | X | X | X |
| ASC-01 | Anti-Short Cycle Kit | X | X | X | X |
| AFE18-60A | All-fuel Kit | | X | X | X |
| OT/EHR18-60 | Emergency Heat Relay kit | | X | X | X |
| FSK01A ¹ | Freeze Protection Kit | X | X | X | X |
| CSR-U-1 | Hard-start Kit | X | X | X | X |
| LAKT01A | Low-Ambient Kit | X | X | X | X |
| O130R00000S | Low-Pressure Switch Kit | | X | X | X |
| OT18-60A ² | Outdoor Thermostat | X | X | X | X |
| TX2N4A ³ | TXV Kit | | | | |
| TX3N4 ³ | TXV Kit | X | | | |
| TX5N4 ³ | TXV Kit | | X | X | X |

[◊] Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil

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

³ Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit. 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.

