Goodman
Air Conditioning & Heating

# GSX13

*Cooling Capacity: 18,000 - 60,000 BTU/h*

## *Energy-Efficient Split System Air Conditioner 13 SEER / 1½ to 5 Tons*

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### *Standard Features*

- Energy-efficient compressor
- Factory-installed filter drier
- Copper tube/aluminum fin coil
- Service valves with sweat connections and easy-access gauge ports
- Contactor with lug connection
- Ground lug connection
- AHRI Certified; ETL Listed

### *Cabinet Features*

- Heavy-gauge galvanized-steel cabinet with louvered sound control top
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Steel louver coil guard
- Single-panel access to controls with space provided for field-installed accessories

10 YEAR PARTS LIMITED WARRANTY*

Intertek

COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL = ISO 9001 =

COMPANY WITH ENVIRONMENTAL SYSTEM CERTIFIED BY DNV GL = ISO 14001 =

* 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 | X | 13 | 036 | 1 | AA |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4,5 | 6,7,8 | 9 | 10,11 |

**Brand**

G Goodman® Brand

**Product Category**

S Split System

**Unit Type**

X Condenser R-410A

Z Heat Pump R-410A

**Efficiency**

| | | | |
|---|---|---|---|
| 13 | 13 SEER | 16 | 16 SEER |
| 14 | 14 SEER | 18 | 18 SEER |

**Engineering**

Major & Minor Revisions
(not used for inventory or ordering)

**Electrical**

1 208/230 V, 1 Phase, 60 Hz

2 220/240 V, 1 Phase, 50 Hz

3 208/230 V, 3 Phase, 60 Hz

**Nominal Capacity**

| | | | | | |
|---|---|---|---|---|---|
| 018 | 1½ Tons | 030 | 2½ Tons | 042 | 3½ Tons |
| 019 | 1½ Tons | 031 | 2½ Tons | 043 | 3½ Tons |
| 024 | 2 Tons | 036 | 3 Tons | 048 | 4 Tons |
| 025 | 2 Tons | 037 | 3 Tons | 060 | 5 Tons |

| | GSX13 0181E* | GSX13 0181EH | GSX13 0181EJ | GSX13 0241E* | GSX13 0301B* | GSX13 0301L* | GSX13 0361E* | GSX13 0421B* | GSX13 0481B* | GSX13 0601B* | GSX13 0611A* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **CAPACITIES** | | | | | | | | | | | |
| Nominal Cooling (BTU/h) | 18,000 | 18,000 | 18,000 | 23,000 | 30,000 | 30,000 | 36,000 | 42,000 | 48,000 | 60,000 | 60,000 |
| SEER / EER | 13/11 | 13/11 | 13/11 | 13/11 | 13/11 | 13 / 11 | 13/11 | 13/11 | 13/11 | 13/11 | 13/11 |
| Decibels | 75 | 75 | 75 | 75 | 73 | 74 | 74 | 75 | 76 | 77 | 72 |
| **COMPRESSOR** | | | | | | | | | | | |
| RLA | 6.7 | 6.7 | 6.0 | 7.7 | 12.8 | 10.5 | 13.6 | 17.9 | 19.9 | 25.0 | 26.4 |
| LRA | 41 | 37.5 | 37.5 | 37 | 64 | 47 | 79 | 112 | 109 | 134 | 134 |
| Stage | Single | Single | Single | Single | Single | Single | Single | Single | Single | Single | Single |
| Type | Rotary | Rotary | Rotary | Rotary | Scroll | Rotary | Scroll | Scroll | Scroll | Scroll | Scroll |
| **CONDENSER FAN MOTOR** | | | | | | | | | | | |
| Horsepower | 1/8 | 1/8 | 1/8 | 1/8 | 1/8 | 1/8 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| FLA | 0.7 | 0.65 | 0.65 | 0.65 | 0.65 | 0.7 | 1.4 | 1.4 | 1.4 | 1.4 | 1.3 |
| **REFRIGERATION SYSTEM** | | | | | | | | | | | |
| Refrigerant Line Size [1] | | | | | | | | | | | |
| Liquid Line Size (“O.D.) | ⅜" | ⅜” | ⅜” | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" |
| Suction Line Size (“O.D.) | ¾" | ¾” | ¾” | ¾" | ¾" | ¾" | ⅞" | 1⅛" | 1⅛" | 1⅛" | ⅞" |
| Refrigerant Connection Size | | | | | | | | | | | |
| Liquid Valve Size (“O.D.) | ⅜" | ⅜” | ⅜” | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" |
| Suction Valve Size (“O.D.) [4 5] | ¾" | ¾” | ¾” | ¾" | ¾" | ¾" | ¾" [4] | ⅞" [5] | ⅞" [5] | ⅞" [5] | ¾" |
| Valve Type | Sweat | Sweat | Sweat | Sweat | Sweat | Sweat | Sweat | Sweat | Sweat | Sweat | Sweat |
| Refrigerant Charge | 44 | 58 | 58 | 60 | 60 | 68 | 62 | 80 | 91 | 94 | 111 |
| Shipped with Orifice Size | 0.051 | 0.051 | 0.051 | 0.055 | 0.061 | 0.067 | 0.070 | 0.076 | 0.080 | 0.086 | 0.086 |
| **ELECTRICAL DATA** | | | | | | | | | | | |
| Voltage (60 Hz) | 208/230 | 208/230-60 | 208/230-60 | 208/230 | 208/230 | 208/230-60 | 208/230 | 208/230 | 208/230 | 208/230 | 208/230 |
| Minimum Circuit Ampacity [2] | 9.1 | 9.1 | 8.2 | 10.3 | 16.7 | 13.8 | 19.0 | 23.8 | 26.3 | 32.7 | 34.3 |
| Max. Overcurrent Protection [3] | 15 amps | 15 amps | 15 amps | 15 amps | 25 amps | 20 | 30 amps | 40 amps | 45 amps | 50 amps | 60 amps |
| Min / Max Volts | 197/253 | 197/253 | 197/253 | 197/253 | 197/253 | 197/253 | 197/253 | 197/253 | 197/253 | 197/253 | 197/253 |
| Electrical Conduit Size | ½" or ¾" | ½” or ¾” | ½” or ¾” | ½" or ¾" | ½" or ¾" | ½" or ¾" | ½" or ¾" | ½" or ¾" | ½" or ¾" | ½" or ¾" | ½" or ¾" |
| **EQUIPMENT WEIGHT (LBS)** | 102 | 102 | 102 | 103 | 115 | 138 | 118 | 171 | 175 | 184 | 211 |
| **SHIP WEIGHT (LBS)** | 117 | 117 | 117 | 120 | 132 | 153 | 135 | 189 | 193 | 202 | 233 |

[1] Line sizes denoted for 25’ line sets, tested and rated in accordance with AHRI Standard 210/240. For other line-set lengths or sizes, refer to the installation & Operating instructions and/or the long line-set guidelines.

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

[3] Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

[4] Installer will need to supply ¾” to ⅞” adapters for suction line connections.

[5] Installer will need to supply ⅞” to 1⅛” adapters for suction line connections.

**NOTES**

- Always check the S&R plate for electrical data on the unit being installed.
- Unit is charged with refrigerant for 15’ of ⅜” liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- This product may not be installed in the Southeast (including Hawaii) or Southwest Regions as of Jan. 1, 2015.

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | Airflow | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 525 | MBh | 15.6 | 16.2 | 17.7 | - | 15.3 | 15.8 | 17.3 | - | 14.9 | 15.4 | 16.9 | - | 14.5 | 15.1 | 16.5 | - | 13.8 | 14.3 | 15.7 | - | 12.8 | 13.3 | 14.5 | - |
| | | S/T | 0.70 | 0.59 | 0.41 | - | 0.73 | 0.61 | 0.42 | - | 0.75 | 0.62 | 0.43 | - | 0.77 | 0.64 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.81 | 0.67 | 0.47 | - |
| | | Δ T | 19.3 | 16.7 | 12.7 | - | 19.5 | 16.9 | 12.8 | - | 19.5 | 16.9 | 12.8 | - | 19.6 | 17.0 | 12.9 | - | 19.4 | 16.8 | 12.7 | - | 18.1 | 15.7 | 11.9 | - |
| | | kW | 1.02 | 1.04 | 1.08 | - | 1.11 | 1.13 | 1.17 | - | 1.18 | 1.21 | 1.25 | - | 1.25 | 1.28 | 1.32 | - | 1.30 | 1.33 | 1.38 | - | 1.35 | 1.38 | 1.43 | - |
| | | Amps | 4.3 | 4.4 | 4.5 | - | 4.6 | 4.7 | 4.9 | - | 5.0 | 5.1 | 5.3 | - | 5.4 | 5.5 | 5.7 | - | 5.7 | 5.8 | 6.0 | - | 6.0 | 6.2 | 6.4 | - |
| | | Hi PR | 203 | 219 | 231 | - | 228 | 245 | 259 | - | 259 | 279 | 294 | - | 295 | 318 | 335 | - | 332 | 357 | 377 | - | 367 | 395 | 417 | - |
| | | Lo PR | 102 | 109 | 119 | - | 108 | 115 | 126 | - | 113 | 120 | 131 | - | 118 | 126 | 137 | - | 124 | 132 | 144 | - | 128 | 136 | 149 | - |
| | 600 | MBh | 16.4 | 17.0 | 18.7 | - | 16.0 | 16.6 | 18.2 | - | 15.7 | 16.2 | 17.8 | - | 15.3 | 15.8 | 17.4 | - | 14.5 | 15.0 | 16.5 | - | 13.4 | 13.9 | 15.3 | - |
| | | S/T | 0.71 | 0.60 | 0.41 | - | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.68 | 0.47 | - | 0.82 | 0.69 | 0.47 | - |
| | | Δ T | 18.0 | 15.6 | 11.8 | - | 18.2 | 15.8 | 12.0 | - | 18.2 | 15.8 | 12.0 | - | 18.4 | 15.9 | 12.1 | - | 18.1 | 15.7 | 11.9 | - | 16.9 | 14.6 | 11.1 | - |
| | | kW | 1.03 | 1.06 | 1.09 | - | 1.12 | 1.14 | 1.18 | - | 1.19 | 1.22 | 1.27 | - | 1.26 | 1.29 | 1.34 | - | 1.32 | 1.35 | 1.40 | - | 1.37 | 1.40 | 1.45 | - |
| | | Amps | 4.3 | 4.4 | 4.6 | - | 4.7 | 4.8 | 4.9 | - | 5.1 | 5.2 | 5.4 | - | 5.4 | 5.6 | 5.7 | - | 5.8 | 5.9 | 6.1 | - | 6.1 | 6.3 | 6.5 | - |
| | | Hi PR | 206 | 221 | 234 | - | 231 | 248 | 262 | - | 263 | 283 | 298 | - | 299 | 322 | 340 | - | 336 | 362 | 382 | - | 372 | 400 | 422 | - |
| | | Lo PR | 104 | 110 | 121 | - | 110 | 117 | 127 | - | 114 | 121 | 132 | - | 120 | 127 | 139 | - | 126 | 134 | 146 | - | 130 | 138 | 151 | - |
| | 650 | MBh | 16.9 | 17.6 | 19.2 | - | 16.5 | 17.1 | 18.8 | - | 16.1 | 16.7 | 18.3 | - | 15.8 | 16.3 | 17.9 | - | 15.0 | 15.5 | 17.0 | - | 13.9 | 14.4 | 15.7 | - |
| | | S/T | 0.73 | 0.61 | 0.42 | - | 0.76 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.83 | 0.69 | 0.48 | - | 0.84 | 0.70 | 0.48 | - |
| | | Δ T | 17.5 | 15.1 | 11.5 | - | 17.7 | 15.3 | 11.6 | - | 17.7 | 15.3 | 11.6 | - | 17.8 | 15.4 | 11.7 | - | 17.6 | 15.2 | 11.6 | - | 16.4 | 14.2 | 10.8 | - |
| | | kW | 1.05 | 1.07 | 1.11 | - | 1.14 | 1.16 | 1.20 | - | 1.21 | 1.24 | 1.29 | - | 1.28 | 1.31 | 1.36 | - | 1.34 | 1.37 | 1.42 | - | 1.39 | 1.42 | 1.47 | - |
| | | Amps | 4.4 | 4.5 | 4.6 | - | 4.7 | 4.9 | 5.0 | - | 5.2 | 5.3 | 5.5 | - | 5.5 | 5.6 | 5.8 | - | 5.9 | 6.0 | 6.2 | - | 6.2 | 6.4 | 6.6 | - |
| | | Hi PR | 209 | 225 | 238 | - | 235 | 253 | 267 | - | 267 | 287 | 304 | - | 304 | 327 | 346 | - | 342 | 368 | 389 | - | 378 | 407 | 430 | - |
| | | Lo PR | 106 | 112 | 123 | - | 112 | 119 | 130 | - | 116 | 123 | 135 | - | 122 | 130 | 142 | - | 128 | 136 | 148 | - | 132 | 141 | 153 | - |
| 75 | 525 | MBh | 15.9 | 16.4 | 17.7 | 19.0 | 15.5 | 16.0 | 17.3 | 18.6 | 15.2 | 15.6 | 16.9 | 18.1 | 14.8 | **15.2** | 16.5 | 17.7 | 14.0 | 14.5 | 15.7 | 16.8 | 13.0 | 13.4 | 14.5 | 15.6 |
| | | S/T | 0.80 | 0.72 | 0.54 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.88 | **0.78** | 0.59 | 0.38 | 0.91 | 0.81 | 0.62 | 0.40 | 0.92 | 0.82 | 0.62 | 0.40 |
| | | Δ T | 22.3 | 20.5 | 16.8 | 11.6 | 22.5 | 20.7 | 17.0 | 11.7 | 22.6 | 20.8 | 17.0 | 11.7 | 22.7 | **20.9** | 17.1 | 11.8 | 22.4 | 20.6 | 16.9 | 11.7 | 20.9 | 19.3 | 15.8 | 10.9 |
| | | kW | 1.03 | 1.05 | 1.09 | 1.13 | 1.12 | 1.14 | 1.18 | 1.22 | 1.19 | 1.22 | 1.26 | 1.31 | 1.26 | **1.29** | 1.33 | 1.38 | 1.32 | 1.35 | 1.39 | 1.44 | 1.36 | 1.40 | 1.45 | 1.50 |
| | | Amps | 4.3 | 4.4 | 4.6 | 4.7 | 4.7 | 4.8 | 4.9 | 5.1 | 5.1 | 5.2 | 5.4 | 5.6 | 5.4 | **5.5** | 5.7 | 5.9 | 5.8 | 5.9 | 6.1 | 6.3 | 6.1 | 6.3 | 6.5 | 6.7 |
| | | Hi PR | 205 | 221 | 233 | 243 | 230 | 248 | 262 | 273 | 262 | 282 | 297 | 310 | 298 | **321** | 339 | 353 | 335 | 361 | 381 | 398 | 371 | 399 | 421 | 439 |
| | | Lo PR | 104 | 110 | 120 | 128 | 109 | 116 | 127 | 135 | 114 | 121 | 132 | 141 | 119 | **127** | 139 | 148 | 125 | 133 | 145 | 155 | 129 | 138 | 150 | 160 |
| | 600 | MBh | 16.7 | 17.2 | 18.6 | 20.0 | 16.3 | 16.8 | 18.2 | 19.5 | 15.9 | 16.4 | 17.8 | 19.1 | 15.5 | **16.0** | 17.3 | 18.6 | 14.8 | 15.2 | 16.5 | 17.7 | 13.7 | 14.1 | 15.2 | 16.4 |
| | | S/T | 0.81 | 0.73 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.37 | 0.86 | 0.77 | 0.58 | 0.38 | 0.89 | **0.80** | 0.60 | 0.39 | 0.92 | 0.83 | 0.63 | 0.40 | 0.93 | 0.83 | 0.63 | 0.41 |
| | | Δ T | 20.8 | 19.1 | 15.7 | 10.8 | 21.0 | 19.4 | 15.9 | 11.0 | 21.1 | 19.4 | 15.9 | 11.0 | 21.2 | **19.5** | 16.0 | 11.1 | 20.9 | 19.3 | 15.8 | 10.9 | 19.5 | 18.0 | 14.7 | 10.2 |
| | | kW | 1.04 | 1.07 | 1.10 | 1.14 | 1.13 | 1.16 | 1.20 | 1.24 | 1.21 | 1.23 | 1.28 | 1.32 | 1.27 | **1.30** | 1.35 | 1.40 | 1.33 | 1.36 | 1.41 | 1.46 | 1.38 | 1.41 | 1.46 | 1.52 |
| | | Amps | 4.4 | 4.5 | 4.6 | 4.8 | 4.7 | 4.8 | 5.0 | 5.2 | 5.1 | 5.2 | 5.4 | 5.6 | 5.5 | **5.6** | 5.8 | 6.0 | 5.8 | 6.0 | 6.2 | 6.4 | 6.2 | 6.3 | 6.5 | 6.8 |
| | | Hi PR | 208 | 224 | 236 | 246 | 233 | 251 | 265 | 276 | 265 | 285 | 301 | 314 | 302 | **325** | 343 | 358 | 340 | 366 | 386 | 403 | 376 | 404 | 427 | 445 |
| | | Lo PR | 105 | 112 | 122 | 130 | 111 | 118 | 129 | 137 | 115 | 123 | 134 | 142 | 121 | **129** | 141 | 150 | 127 | 135 | 147 | 157 | 131 | 140 | 152 | 162 |
| | 650 | MBh | 17.2 | 17.7 | 19.2 | 20.6 | 16.8 | 17.3 | 18.7 | 20.1 | 16.4 | 16.9 | 18.3 | 19.6 | 16.0 | **16.5** | 17.9 | 19.2 | 15.2 | 15.7 | 17.0 | 18.2 | 14.1 | 14.5 | 15.7 | 16.9 |
| | | S/T | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.91 | **0.81** | 0.62 | 0.40 | 0.94 | 0.84 | 0.64 | 0.41 | 0.95 | 0.85 | 0.64 | 0.41 |
| | | Δ T | 20.2 | 18.6 | 15.2 | 10.5 | 20.4 | 18.8 | 15.4 | 10.7 | 20.5 | 18.8 | 15.4 | 10.7 | 20.6 | **19.0** | 15.5 | 10.7 | 20.3 | 18.7 | 15.3 | 10.6 | 19.0 | 17.5 | 14.3 | 9.9 |
| | | kW | 1.06 | 1.08 | 1.12 | 1.16 | 1.15 | 1.17 | 1.21 | 1.26 | 1.22 | 1.25 | 1.30 | 1.34 | 1.29 | **1.32** | 1.37 | 1.42 | 1.35 | 1.38 | 1.43 | 1.48 | 1.40 | 1.44 | 1.49 | 1.54 |
| | | Amps | 4.4 | 4.5 | 4.7 | 4.9 | 4.8 | 4.9 | 5.1 | 5.3 | 5.2 | 5.3 | 5.5 | 5.7 | 5.6 | **5.7** | 5.9 | 6.1 | 5.9 | 6.1 | 6.3 | 6.5 | 6.3 | 6.4 | 6.6 | 6.9 |
| | | Hi PR | 211 | 228 | 240 | 251 | 237 | 255 | 270 | 281 | 270 | 290 | 307 | 320 | 307 | **331** | 349 | 364 | 346 | 372 | 393 | 410 | 382 | 411 | 434 | 453 |
| | | Lo PR | 107 | 114 | 124 | 132 | 113 | 120 | 131 | 139 | 117 | 125 | 136 | 145 | 123 | **131** | 143 | 152 | 129 | 137 | 150 | 160 | 133 | 142 | 155 | 165 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | Airflow | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | 525 | MBh | 16.2 | 16.5 | 17.7 | 18.9 | 15.8 | 16.1 | 17.3 | 18.4 | 15.4 | 15.8 | 16.8 | 18.0 | 15.0 | 15.4 | 16.4 | 17.6 | 14.3 | 14.6 | 15.6 | 16.7 | 13.2 | 13.5 | 14.5 | 15.5 |
| | | S/T | 0.88 | 0.82 | 0.67 | 0.50 | 0.91 | 0.85 | 0.69 | 0.52 | 0.93 | 0.87 | 0.71 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 1.00 | 0.94 | 0.76 | 0.57 | 1.01 | 0.94 | 0.77 | 0.57 |
| | | Δ T | 24.8 | 23.8 | 20.7 | 16.5 | 25.2 | 24.1 | 21.0 | 16.7 | 25.2 | 24.1 | 21.0 | 16.8 | 25.4 | 24.3 | 21.1 | 16.9 | 25.0 | 24.0 | 20.8 | 16.6 | 23.4 | 22.4 | 19.5 | 15.5 |
| | | kW | 1.04 | 1.06 | 1.10 | 1.14 | 1.13 | 1.15 | 1.19 | 1.23 | 1.20 | 1.23 | 1.27 | 1.32 | 1.27 | 1.30 | 1.35 | 1.39 | 1.33 | 1.36 | 1.41 | 1.46 | 1.38 | 1.41 | 1.46 | 1.51 |
| | | Amps | 4.3 | 4.4 | 4.6 | 4.8 | 4.7 | 4.8 | 5.0 | 5.2 | 5.1 | 5.2 | 5.4 | 5.6 | 5.5 | 5.6 | 5.8 | 6.0 | 5.8 | 6.0 | 6.2 | 6.4 | 6.2 | 6.3 | 6.5 | 6.8 |
| | | Hi PR | 207 | 223 | 235 | 246 | 232 | 250 | 264 | 276 | 264 | 285 | 300 | 313 | 301 | 324 | 342 | 357 | 339 | 365 | 385 | 402 | 374 | 403 | 425 | 444 |
| | | Lo PR | 105 | 111 | 121 | 129 | 110 | 118 | 128 | 137 | 115 | 122 | 133 | 142 | 121 | 128 | 140 | 149 | 126 | 134 | 147 | 156 | 131 | 139 | 152 | 162 |
| | 600 | MBh | 17.0 | 17.4 | 18.6 | 19.8 | 16.6 | 17.0 | 18.1 | 19.4 | 16.2 | 16.6 | 17.7 | 18.9 | 15.8 | 16.2 | **17.3** | 18.5 | 15.0 | 15.4 | 16.4 | 17.5 | 13.9 | 14.2 | 15.2 | 16.2 |
| | | S/T | 0.89 | 0.84 | 0.68 | 0.51 | 0.92 | 0.87 | 0.70 | 0.53 | 0.95 | 0.89 | 0.72 | 0.54 | 0.98 | 0.92 | **0.75** | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 0.96 | 0.78 | 0.58 |
| | | Δ T | 23.2 | 22.2 | 19.3 | 15.5 | 23.5 | 22.5 | 19.6 | 15.6 | 23.5 | 22.5 | 19.6 | 15.7 | 23.7 | 22.7 | **19.7** | 15.8 | 23.0 | 22.4 | 19.5 | 15.5 | 21.3 | 20.9 | 18.2 | 14.5 |
| | | kW | 1.05 | 1.08 | 1.11 | 1.15 | 1.14 | 1.17 | 1.21 | 1.25 | 1.22 | 1.25 | 1.29 | 1.33 | 1.28 | 1.32 | **1.36** | 1.41 | 1.34 | 1.38 | 1.42 | 1.48 | 1.39 | 1.43 | 1.48 | 1.53 |
| | | Amps | 4.4 | 4.5 | 4.7 | 4.8 | 4.8 | 4.9 | 5.0 | 5.2 | 5.2 | 5.3 | 5.5 | 5.7 | 5.5 | 5.7 | **5.9** | 6.1 | 5.9 | 6.0 | 6.2 | 6.5 | 6.2 | 6.4 | 6.6 | 6.9 |
| | | Hi PR | 210 | 226 | 239 | 249 | 236 | 254 | 268 | 279 | 268 | 288 | 304 | 318 | 305 | 328 | **347** | 362 | 343 | 369 | 390 | 407 | 379 | 408 | 431 | 450 |
| | | Lo PR | 106 | 113 | 123 | 131 | 112 | 119 | 130 | 138 | 116 | 124 | 135 | 144 | 122 | 130 | **142** | 151 | 128 | 136 | 149 | 158 | 132 | 141 | 154 | 164 |
| | 650 | MBh | 17.5 | 17.9 | 19.1 | 20.5 | 17.1 | 17.5 | 18.7 | 20.0 | 16.7 | 17.1 | 18.2 | 19.5 | 16.3 | 16.7 | 17.8 | 19.0 | 15.5 | 15.8 | 16.9 | 18.1 | 14.3 | 14.7 | 15.7 | 16.7 |
| | | S/T | 0.91 | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 1.00 | 0.79 | 0.59 | 1.00 | 1.00 | 0.80 | 0.60 |
| | | Δ T | 22.5 | 21.6 | 18.8 | 15.0 | 22.8 | 21.9 | 19.0 | 15.2 | 22.8 | 21.9 | 19.0 | 15.2 | 23.1 | 22.0 | 19.2 | 15.3 | 21.9 | 22.4 | 18.9 | 15.1 | 20.3 | 20.7 | 17.7 | 14.1 |
| | | kW | 1.07 | 1.09 | 1.13 | 1.17 | 1.16 | 1.18 | 1.22 | 1.27 | 1.24 | 1.26 | 1.31 | 1.36 | 1.30 | 1.34 | 1.38 | 1.43 | 1.36 | 1.40 | 1.45 | 1.50 | 1.42 | 1.45 | 1.50 | 1.55 |
| | | Amps | 4.5 | 4.6 | 4.7 | 4.9 | 4.8 | 4.9 | 5.1 | 5.3 | 5.2 | 5.4 | 5.6 | 5.8 | 5.6 | 5.8 | 5.9 | 6.2 | 6.0 | 6.1 | 6.3 | 6.6 | 6.3 | 6.5 | 6.7 | 7.0 |
| | | Hi PR | 214 | 230 | 243 | 253 | 240 | 258 | 272 | 284 | 273 | 293 | 310 | 323 | 310 | 334 | 353 | 368 | 349 | 376 | 397 | 414 | 386 | 415 | 439 | 457 |
| | | Lo PR | 108 | 115 | 125 | 133 | 114 | 121 | 132 | 141 | 118 | 126 | 137 | 146 | 124 | 132 | 144 | 154 | 130 | 139 | 151 | 161 | 135 | 143 | 157 | 167 |
| 85 | 525 | MBh | 16.5 | 16.8 | 17.6 | 18.7 | 16.1 | 16.4 | 17.2 | 18.3 | 15.7 | 16.0 | 16.8 | 17.9 | 15.3 | 15.6 | 16.3 | 17.4 | 14.5 | 14.8 | 15.5 | 16.6 | 13.5 | 13.7 | 14.4 | 15.3 |
| | | S/T | 0.92 | 0.89 | 0.80 | 0.65 | 0.95 | 0.92 | 0.83 | 0.67 | 0.98 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.92 | 0.75 |
| | | Δ T | 26.5 | 26.1 | 24.6 | 21.3 | 26.8 | 26.4 | 24.9 | 21.6 | 26.9 | 26.4 | 25.0 | 21.6 | 26.8 | 26.6 | 25.1 | 21.8 | 25.5 | 26.0 | 24.8 | 21.5 | 23.6 | 24.1 | 23.2 | 20.0 |
| | | kW | 1.05 | 1.07 | 1.11 | 1.15 | 1.14 | 1.16 | 1.20 | 1.24 | 1.21 | 1.24 | 1.28 | 1.33 | 1.28 | 1.31 | 1.36 | 1.41 | 1.34 | 1.37 | 1.42 | 1.47 | 1.39 | 1.42 | 1.47 | 1.53 |
| | | Amps | 4.4 | 4.5 | 4.6 | 4.8 | 4.7 | 4.9 | 5.0 | 5.2 | 5.2 | 5.3 | 5.5 | 5.7 | 5.5 | 5.6 | 5.8 | 6.1 | 5.9 | 6.0 | 6.2 | 6.4 | 6.2 | 6.4 | 6.6 | 6.8 |
| | | Hi PR | 209 | 225 | 238 | 248 | 235 | 253 | 267 | 278 | 267 | 287 | 303 | 317 | 304 | 327 | 346 | 361 | 342 | 368 | 389 | 406 | 378 | 407 | 430 | 448 |
| | | Lo PR | 106 | 112 | 123 | 131 | 112 | 119 | 130 | 138 | 116 | 123 | 135 | 143 | 122 | 130 | 141 | 151 | 128 | 136 | 148 | 158 | 132 | 140 | 153 | 163 |
| | 600 | MBh | 17.3 | 17.6 | 18.5 | 19.7 | 16.9 | 17.2 | 18.0 | 19.2 | 16.5 | 16.8 | 17.6 | 18.8 | 16.1 | 16.4 | 17.2 | 18.3 | 15.3 | 15.6 | 16.3 | 17.4 | 14.2 | 14.4 | 15.1 | 16.1 |
| | | S/T | 0.93 | 0.90 | 0.81 | 0.66 | 0.97 | 0.93 | 0.84 | 0.68 | 0.99 | 0.96 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.93 | 0.75 | 1.00 | 1.00 | 0.93 | 0.76 |
| | | Δ T | 24.8 | 24.3 | 23.0 | 19.9 | 25.1 | 24.6 | 23.3 | 20.2 | 25.1 | 24.7 | 23.3 | 20.2 | 24.7 | 24.8 | 23.5 | 20.3 | 23.4 | 23.9 | 23.2 | 20.0 | 21.7 | 22.1 | 21.6 | 18.7 |
| | | kW | 1.06 | 1.08 | 1.12 | 1.16 | 1.15 | 1.18 | 1.22 | 1.26 | 1.23 | 1.26 | 1.30 | 1.35 | 1.30 | 1.33 | 1.37 | 1.42 | 1.36 | 1.39 | 1.44 | 1.49 | 1.41 | 1.44 | 1.49 | 1.54 |
| | | Amps | 4.4 | 4.5 | 4.7 | 4.9 | 4.8 | 4.9 | 5.1 | 5.3 | 5.2 | 5.3 | 5.5 | 5.7 | 5.6 | 5.7 | 5.9 | 6.1 | 5.9 | 6.1 | 6.3 | 6.5 | 6.3 | 6.4 | 6.7 | 6.9 |
| | | Hi PR | 212 | 228 | 241 | 251 | 238 | 256 | 270 | 282 | 271 | 291 | 308 | 321 | 308 | 332 | 350 | 365 | 347 | 373 | 394 | 411 | 383 | 412 | 435 | 454 |
| | | Lo PR | 107 | 114 | 124 | 132 | 113 | 120 | 131 | 140 | 118 | 125 | 136 | 145 | 123 | 131 | 143 | 153 | 129 | 138 | 150 | 160 | 134 | 142 | 155 | 166 |
| | 650 | MBh | 17.8 | 18.2 | 19.0 | 20.3 | 17.4 | 17.8 | 18.6 | 19.8 | 17.0 | 17.3 | 18.2 | 19.4 | 16.6 | 16.9 | 17.7 | 18.9 | 15.8 | 16.1 | 16.8 | 18.0 | 14.6 | 14.9 | 15.6 | 16.6 |
| | | S/T | 0.95 | 0.92 | 0.83 | 0.67 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.88 | 0.72 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.95 | 0.77 |
| | | Δ T | 24.1 | 23.7 | 22.4 | 19.4 | 24.3 | 23.9 | 22.6 | 19.6 | 24.1 | 24.0 | 22.7 | 19.6 | 23.5 | 23.9 | 22.8 | 19.7 | 22.3 | 22.7 | 22.5 | 19.5 | 20.6 | 21.0 | 21.0 | 18.2 |
| | | kW | 1.08 | 1.10 | 1.14 | 1.18 | 1.17 | 1.19 | 1.23 | 1.28 | 1.25 | 1.28 | 1.32 | 1.37 | 1.32 | 1.35 | 1.40 | 1.45 | 1.38 | 1.41 | 1.46 | 1.51 | 1.43 | 1.46 | 1.51 | 1.57 |
| | | Amps | 4.5 | 4.6 | 4.8 | 4.9 | 4.9 | 5.0 | 5.2 | 5.4 | 5.3 | 5.4 | 5.6 | 5.8 | 5.7 | 5.8 | 6.0 | 6.2 | 6.0 | 6.2 | 6.4 | 6.6 | 6.4 | 6.6 | 6.8 | 7.0 |
| | | Hi PR | 216 | 232 | 245 | 256 | 242 | 261 | 275 | 287 | 275 | 296 | 313 | 326 | 314 | 337 | 356 | 372 | 353 | 380 | 401 | 418 | 390 | 419 | 443 | 462 |
| | | Lo PR | 109 | 116 | 126 | 135 | 115 | 122 | 134 | 142 | 120 | 127 | 139 | 148 | 126 | 134 | 146 | 155 | 132 | 140 | 153 | 163 | 136 | 145 | 158 | 168 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | Airflow | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 900 | MBh | 22.5 | 23.4 | 25.6 | - | 22.0 | 22.8 | 25.0 | - | 21.5 | 22.3 | 24.4 | - | 21.0 | 21.7 | 23.8 | - | 19.9 | 20.6 | 22.6 | - | 18.4 | 19.1 | 21.0 | - |
| | | S/T | 0.73 | 0.61 | 0.42 | - | 0.76 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.83 | 0.69 | 0.48 | - | 0.84 | 0.70 | 0.49 | - |
| | | ΔT | 17 | 15 | 11 | - | 17 | 15 | 11 | - | 17 | 15 | 11 | - | 17 | 15 | 11 | - | 17 | 15 | 11 | - | 16 | 14 | 10 | - |
| | | kW | 1.63 | 1.66 | 1.71 | - | 1.75 | 1.78 | 1.83 | - | 1.85 | 1.89 | 1.95 | - | 1.94 | 1.98 | 2.04 | - | 2.02 | 2.06 | 2.13 | - | 2.09 | 2.13 | 2.20 | - |
| | | Amps | 5.8 | 6.0 | 6.2 | - | 6.3 | 6.4 | 6.7 | - | 6.8 | 7.0 | 7.2 | - | 7.3 | 7.5 | 7.7 | - | 7.8 | 8.0 | 8.2 | - | 8.2 | 8.4 | 8.7 | - |
| | | Hi PR | 228 | 246 | 259 | - | 256 | 276 | 291 | - | 291 | 314 | 331 | - | 332 | 357 | 377 | - | 373 | 402 | 424 | - | 413 | 444 | 469 | - |
| | | Lo PR | 105 | 112 | 122 | - | 111 | 118 | 129 | - | 115 | 123 | 134 | - | 121 | 129 | 141 | - | 127 | 135 | 147 | - | 131 | 140 | 152 | - |
| | 800 | MBh | 21.9 | 22.7 | 24.8 | - | 21.4 | 22.2 | 24.3 | - | 20.9 | 21.6 | 23.7 | - | 20.4 | 21.1 | 23.1 | - | 19.3 | 20.0 | 22.0 | - | 17.9 | 18.6 | 20.3 | - |
| | | S/T | 0.70 | 0.58 | 0.40 | - | 0.72 | 0.60 | 0.42 | - | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.64 | 0.44 | - | 0.79 | 0.66 | 0.46 | - | 0.80 | 0.67 | 0.46 | - |
| | | ΔT | 18 | 15 | 12 | - | 18 | 15 | 12 | - | 18 | 15 | 12 | - | 18 | 15 | 12 | - | 18 | 15 | 12 | - | 16 | 14 | 11 | - |
| | | kW | 1.62 | 1.65 | 1.70 | - | 1.73 | 1.77 | 1.82 | - | 1.84 | 1.87 | 1.93 | - | 1.93 | 1.97 | 2.03 | - | 2.00 | 2.05 | 2.11 | - | 2.07 | 2.11 | 2.18 | - |
| | | Amps | 5.8 | 5.9 | 6.1 | - | 6.2 | 6.4 | 6.6 | - | 6.8 | 6.9 | 7.2 | - | 7.2 | 7.4 | 7.7 | - | 7.7 | 7.9 | 8.1 | - | 8.2 | 8.4 | 8.6 | - |
| | | Hi PR | 226 | 243 | 257 | - | 254 | 273 | 288 | - | 288 | 310 | 328 | - | 329 | 354 | 373 | - | 370 | 398 | 420 | - | 408 | 440 | 464 | - |
| | | Lo PR | 104 | 111 | 121 | - | 110 | 117 | 127 | - | 114 | 121 | 132 | - | 120 | 127 | 139 | - | 126 | 134 | 146 | - | 130 | 138 | 151 | - |
| | 700 | MBh | 20.2 | 20.9 | 22.9 | - | 19.7 | 20.4 | 22.4 | - | 19.3 | 20.0 | 21.9 | - | 18.8 | 19.5 | 21.3 | - | 17.8 | 18.5 | 20.3 | - | 16.5 | 17.1 | 18.8 | - |
| | | S/T | 0.67 | 0.56 | 0.39 | - | 0.70 | 0.58 | 0.40 | - | 0.71 | 0.60 | 0.41 | - | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.64 | 0.44 | - | 0.77 | 0.64 | 0.45 | - |
| | | ΔT | 18 | 15 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 17 | 14 | 11 | - |
| | | kW | 1.58 | 1.61 | 1.66 | - | 1.69 | 1.73 | 1.78 | - | 1.79 | 1.83 | 1.89 | - | 1.88 | 1.92 | 1.98 | - | 1.96 | 2.00 | 2.06 | - | 2.02 | 2.06 | 2.13 | - |
| | | Amps | 5.6 | 5.7 | 5.9 | - | 6.1 | 6.2 | 6.4 | - | 6.6 | 6.7 | 7.0 | - | 7.0 | 7.2 | 7.4 | - | 7.5 | 7.7 | 7.9 | - | 7.9 | 8.1 | 8.4 | - |
| | | Hi PR | 219 | 236 | 249 | - | 246 | 265 | 280 | - | 280 | 301 | 318 | - | 319 | 343 | 362 | - | 359 | 386 | 407 | - | 396 | 426 | 450 | - |
| | | Lo PR | 101 | 107 | 117 | - | 106 | 113 | 124 | - | 111 | 118 | 129 | - | 116 | 124 | 135 | - | 122 | 130 | 141 | - | 126 | 134 | 146 | - |
| 75 | 900 | MBh | 22.9 | 23.6 | 25.5 | 27.4 | 22.4 | 23.0 | 24.9 | 26.8 | 21.9 | **22.5** | 24.4 | 26.1 | 21.3 | 22.0 | 23.8 | 25.5 | 20.3 | 20.9 | 22.6 | 24.2 | 18.8 | 19.3 | 20.9 | 22.4 |
| | | S/T | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.88 | **0.79** | 0.60 | 0.38 | 0.91 | 0.81 | 0.62 | 0.40 | 0.95 | 0.85 | 0.64 | 0.41 | 0.95 | 0.85 | 0.65 | 0.42 |
| | | ΔT | 19 | 18 | 15 | 10 | 20 | 18 | 15 | 10 | 20 | **18** | 15 | 10 | 20 | 18 | 15 | 10 | 20 | 18 | 15 | 10 | 18 | 17 | 14 | 10 |
| | | kW | 1.64 | 1.67 | 1.72 | 1.77 | 1.76 | 1.79 | 1.85 | 1.91 | 1.86 | **1.90** | 1.96 | 2.02 | 1.96 | 2.00 | 2.06 | 2.13 | 2.04 | 2.08 | 2.15 | 2.21 | 2.10 | 2.15 | 2.22 | 2.29 |
| | | Amps | 5.9 | 6.0 | 6.2 | 6.4 | 6.3 | 6.5 | 6.7 | 7.0 | 6.9 | **7.1** | 7.3 | 7.6 | 7.4 | 7.5 | 7.8 | 8.1 | 7.8 | 8.0 | 8.3 | 8.6 | 8.3 | 8.5 | 8.8 | 9.1 |
| | | Hi PR | 231 | 248 | 262 | 273 | 259 | 279 | 294 | 307 | 294 | **317** | 334 | 349 | 335 | 361 | 381 | 397 | 377 | 406 | 429 | 447 | 417 | 448 | 474 | 494 |
| | | Lo PR | 106 | 113 | 123 | 131 | 112 | 119 | 130 | 139 | 116 | **124** | 135 | 144 | 122 | 130 | 142 | 151 | 128 | 136 | 149 | 158 | 133 | 141 | 154 | 164 |
| | 800 | MBh | 22.3 | 22.9 | 24.8 | 26.6 | 21.7 | 22.4 | 24.2 | 26.0 | 21.2 | **21.8** | 23.6 | 25.4 | 20.7 | 21.3 | 23.1 | 24.8 | 19.7 | 20.2 | 21.9 | 23.5 | 18.2 | 18.8 | 20.3 | 21.8 |
| | | S/T | 0.79 | 0.71 | 0.54 | 0.34 | 0.82 | 0.73 | 0.56 | 0.36 | 0.84 | **0.75** | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.91 | 0.81 | 0.62 | 0.40 |
| | | ΔT | 20 | 19 | 15 | 11 | 20 | 19 | 15 | 11 | 21 | **19** | 15 | 11 | 21 | 19 | 16 | 11 | 20 | 19 | 15 | 11 | 19 | 18 | 14 | 10 |
| | | kW | 1.63 | 1.66 | 1.71 | 1.76 | 1.75 | 1.78 | 1.84 | 1.89 | 1.85 | **1.89** | 1.95 | 2.01 | 1.94 | 1.98 | 2.04 | 2.11 | 2.02 | 2.06 | 2.13 | 2.20 | 2.09 | 2.13 | 2.20 | 2.27 |
| | | Amps | 5.8 | 6.0 | 6.2 | 6.4 | 6.3 | 6.4 | 6.7 | 6.9 | 6.8 | **7.0** | 7.2 | 7.5 | 7.3 | 7.5 | 7.7 | 8.0 | 7.8 | 8.0 | 8.2 | 8.5 | 8.2 | 8.4 | 8.7 | 9.1 |
| | | Hi PR | 228 | 246 | 260 | 271 | 256 | 276 | 291 | 304 | 291 | **314** | 331 | 345 | 332 | 357 | 377 | 393 | 373 | 402 | 424 | 443 | 413 | 444 | 469 | 489 |
| | | Lo PR | 105 | 112 | 122 | 130 | 111 | 118 | 129 | 137 | 115 | **123** | 134 | 143 | 121 | 129 | 141 | 150 | 127 | 135 | 147 | 157 | 131 | 140 | 152 | 162 |
| | 700 | MBh | 20.5 | 21.1 | 22.9 | 24.6 | 20.1 | 20.7 | 22.4 | 24.0 | 19.6 | **20.2** | 21.8 | 23.4 | 19.1 | 19.7 | 21.3 | 22.9 | 18.2 | 18.7 | 20.2 | 21.7 | 16.8 | 17.3 | 18.7 | 20.1 |
| | | S/T | 0.76 | 0.68 | 0.52 | 0.33 | 0.79 | 0.71 | 0.54 | 0.34 | 0.81 | **0.73** | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.36 | 0.87 | 0.78 | 0.59 | 0.38 | 0.88 | 0.78 | 0.59 | 0.38 |
| | | ΔT | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | **19** | 16 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 19 | 18 | 15 | 10 |
| | | kW | 1.59 | 1.62 | 1.67 | 1.72 | 1.71 | 1.74 | 1.79 | 1.85 | 1.81 | **1.84** | 1.90 | 1.96 | 1.90 | 1.94 | 2.00 | 2.06 | 1.97 | 2.01 | 2.08 | 2.14 | 2.04 | 2.08 | 2.15 | 2.22 |
| | | Amps | 5.7 | 5.8 | 6.0 | 6.2 | 6.1 | 6.3 | 6.5 | 6.7 | 6.6 | **6.8** | 7.0 | 7.3 | 7.1 | 7.3 | 7.5 | 7.8 | 7.6 | 7.7 | 8.0 | 8.3 | 8.0 | 8.2 | 8.5 | 8.8 |
| | | Hi PR | 222 | 238 | 252 | 263 | 249 | 267 | 282 | 295 | 283 | **304** | 321 | 335 | 322 | 346 | 366 | 382 | 362 | 390 | 412 | 429 | 400 | 431 | 455 | 474 |
| | | Lo PR | 102 | 108 | 118 | 126 | 108 | 114 | 125 | 133 | 112 | **119** | 130 | 138 | 117 | 125 | 136 | 145 | 123 | 131 | 143 | 152 | 127 | 135 | 148 | 157 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

# Expanded Cooling Data — GSX130241F* / CA*F3030*6D* (cont.)

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | Airflow | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | 900 | MBh | 23.3 | 23.8 | 25.5 | 27.2 | 22.8 | 23.3 | 24.9 | 26.6 | 22.2 | 22.7 | 24.3 | 26.0 | 21.7 | 22.2 | 23.7 | 25.3 | 20.6 | 21.1 | 22.5 | 24.1 | 19.1 | 19.5 | 20.8 | 22.3 |
| | | S/T | 0.91 | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 1.00 | 0.79 | 0.59 | 1.00 | 1.00 | 0.80 | 0.60 |
| | | ΔT | 22 | 21 | 18 | 14 | 22 | 21 | 18 | 15 | 22 | 21 | 18 | 15 | 22 | 21 | 18 | 15 | 21 | 22 | 18 | 15 | 20 | 20 | 17 | 14 |
| | | kW | 1.65 | 1.69 | 1.74 | 1.79 | 1.77 | 1.81 | 1.86 | 1.92 | 1.88 | 1.92 | 1.98 | 2.04 | 1.97 | 2.01 | 2.08 | 2.14 | 2.05 | 2.10 | 2.16 | 2.23 | 2.12 | 2.17 | 2.24 | 2.31 |
| | | Amps | 5.9 | 6.1 | 6.3 | 6.5 | 6.4 | 6.6 | 6.8 | 7.0 | 7.0 | 7.1 | 7.4 | 7.6 | 7.4 | 7.6 | 7.9 | 8.2 | 7.9 | 8.1 | 8.4 | 8.7 | 8.4 | 8.6 | 8.9 | 9.2 |
| | | Hi PR | 233 | 251 | 265 | 276 | 261 | 281 | 297 | 310 | 297 | 320 | 338 | 352 | 339 | 364 | 385 | 401 | 381 | 410 | 433 | 452 | 421 | 453 | 478 | 499 |
| | | Lo PR | 107 | 114 | 124 | 132 | 113 | 120 | 131 | 140 | 118 | 125 | 137 | 145 | 123 | 131 | 143 | 153 | 129 | 138 | 150 | 160 | 134 | 142 | 155 | 166 |
| | 800 | MBh | 22.6 | 23.1 | 24.7 | 26.4 | 22.1 | 22.6 | 24.2 | 25.8 | 21.6 | 22.1 | 23.6 | 25.2 | 21.1 | 21.5 | **23.0** | 24.6 | 20.0 | 20.5 | 21.9 | 23.4 | 18.5 | 18.9 | 20.2 | 21.6 |
| | | S/T | 0.87 | 0.81 | 0.66 | 0.50 | 0.90 | 0.84 | 0.69 | 0.51 | 0.92 | 0.87 | 0.70 | 0.53 | 0.95 | 0.89 | **0.73** | 0.54 | 0.99 | 0.93 | 0.75 | 0.56 | 1.00 | 0.93 | 0.76 | 0.57 |
| | | ΔT | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 23 | 22 | **19** | 15 | 23 | 22 | 19 | 15 | 21 | 20 | 18 | 14 |
| | | kW | 1.64 | 1.67 | 1.72 | 1.78 | 1.76 | 1.79 | 1.85 | 1.91 | 1.86 | 1.90 | 1.96 | 2.02 | 1.96 | 2.00 | **2.06** | 2.13 | 2.04 | 2.08 | 2.15 | 2.21 | 2.10 | 2.15 | 2.22 | 2.29 |
| | | Amps | 5.9 | 6.0 | 6.2 | 6.4 | 6.3 | 6.5 | 6.7 | 7.0 | 6.9 | 7.1 | 7.3 | 7.6 | 7.4 | 7.5 | **7.8** | 8.1 | 7.8 | 8.0 | 8.3 | 8.6 | 8.3 | 8.5 | 8.8 | 9.1 |
| | | Hi PR | 231 | 248 | 262 | 273 | 259 | 279 | 294 | 307 | 294 | 317 | 335 | 349 | 335 | 361 | **381** | 397 | 377 | 406 | 429 | 447 | 417 | 448 | 474 | 494 |
| | | Lo PR | 106 | 113 | 123 | 131 | 112 | 119 | 130 | 139 | 116 | 124 | 135 | 144 | 122 | 130 | **142** | 151 | 128 | 136 | 149 | 158 | 133 | 141 | 154 | 164 |
| | 700 | MBh | 20.9 | 21.4 | 22.8 | 24.4 | 20.4 | 20.9 | 22.3 | 23.8 | 19.9 | 20.4 | 21.8 | 23.3 | 19.4 | 19.9 | 21.2 | 22.7 | 18.5 | 18.9 | 20.2 | 21.6 | 17.1 | 17.5 | 18.7 | 20.0 |
| | | S/T | 0.84 | 0.79 | 0.64 | 0.48 | 0.87 | 0.81 | 0.66 | 0.50 | 0.89 | 0.83 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.73 | 0.54 | 0.96 | 0.90 | 0.73 | 0.55 |
| | | ΔT | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 16 | 23 | 22 | 20 | 16 | 23 | 22 | 19 | 15 | 22 | 21 | 18 | 14 |
| | | kW | 1.60 | 1.63 | 1.68 | 1.73 | 1.72 | 1.75 | 1.81 | 1.86 | 1.82 | 1.86 | 1.92 | 1.98 | 1.91 | 1.95 | 2.01 | 2.08 | 1.99 | 2.03 | 2.09 | 2.16 | 2.05 | 2.10 | 2.16 | 2.23 |
| | | Amps | 5.7 | 5.9 | 6.0 | 6.3 | 6.2 | 6.3 | 6.5 | 6.8 | 6.7 | 6.9 | 7.1 | 7.4 | 7.2 | 7.3 | 7.6 | 7.9 | 7.6 | 7.8 | 8.1 | 8.4 | 8.1 | 8.3 | 8.6 | 8.9 |
| | | Hi PR | 224 | 241 | 254 | 265 | 251 | 270 | 285 | 298 | 286 | 307 | 324 | 338 | 325 | 350 | 370 | 385 | 366 | 394 | 416 | 434 | 404 | 435 | 459 | 479 |
| | | Lo PR | 103 | 109 | 119 | 127 | 109 | 116 | 126 | 134 | 113 | 120 | 131 | 140 | 119 | 126 | 138 | 147 | 124 | 132 | 144 | 154 | 129 | 137 | 149 | 159 |
| 85 | 900 | MBh | 23.7 | 24.2 | 25.3 | 27.0 | 23.2 | 23.6 | 24.8 | 26.4 | 22.6 | 23.1 | 24.2 | 25.8 | 22.1 | 22.5 | 23.6 | 25.1 | 21.0 | 21.4 | 22.4 | 23.9 | 19.4 | 19.8 | 20.7 | 22.1 |
| | | S/T | 0.95 | 0.92 | 0.83 | 0.67 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.88 | 0.72 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.95 | 0.77 |
| | | ΔT | 23 | 23 | 22 | 19 | 23 | 23 | 22 | 19 | 23 | 23 | 22 | 19 | 23 | 23 | 22 | 19 | 21 | 22 | 22 | 19 | 20 | 20 | 20 | 17 |
| | | kW | 1.66 | 1.70 | 1.75 | 1.80 | 1.79 | 1.82 | 1.88 | 1.94 | 1.89 | 1.93 | 1.99 | 2.06 | 1.99 | 2.03 | 2.09 | 2.16 | 2.07 | 2.11 | 2.18 | 2.25 | 2.14 | 2.18 | 2.25 | 2.33 |
| | | Amps | 6.0 | 6.1 | 6.3 | 6.6 | 6.5 | 6.6 | 6.8 | 7.1 | 7.0 | 7.2 | 7.4 | 7.7 | 7.5 | 7.7 | 7.9 | 8.2 | 8.0 | 8.2 | 8.5 | 8.8 | 8.5 | 8.7 | 9.0 | 9.3 |
| | | Hi PR | 235 | 253 | 267 | 279 | 264 | 284 | 300 | 313 | 300 | 323 | 341 | 356 | 342 | 368 | 389 | 405 | 385 | 414 | 437 | 456 | 425 | 457 | 483 | 504 |
| | | Lo PR | 108 | 115 | 126 | 134 | 114 | 122 | 133 | 141 | 119 | 126 | 138 | 147 | 125 | 133 | 145 | 154 | 131 | 139 | 152 | 162 | 135 | 144 | 157 | 167 |
| | 800 | MBh | 23.0 | 23.5 | 24.6 | 26.2 | 22.5 | 22.9 | 24.0 | 25.6 | 22.0 | 22.4 | 23.5 | 25.0 | 21.4 | 21.9 | 22.9 | 24.4 | 20.4 | 20.8 | 21.7 | 23.2 | 18.9 | 19.2 | 20.1 | 21.5 |
| | | S/T | 0.91 | 0.88 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.67 | 0.97 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.91 | 0.74 |
| | | ΔT | 24 | 24 | 22 | 19 | 24 | 24 | 23 | 20 | 24 | 24 | 23 | 20 | 25 | 24 | 23 | 20 | 23 | 24 | 23 | 20 | 22 | 22 | 21 | 18 |
| | | kW | 1.65 | 1.69 | 1.74 | 1.79 | 1.77 | 1.81 | 1.86 | 1.92 | 1.88 | 1.92 | 1.98 | 2.04 | 1.97 | 2.01 | 2.08 | 2.14 | 2.05 | 2.10 | 2.16 | 2.23 | 2.12 | 2.17 | 2.24 | 2.31 |
| | | Amps | 5.9 | 6.1 | 6.3 | 6.5 | 6.4 | 6.6 | 6.8 | 7.0 | 7.0 | 7.1 | 7.4 | 7.6 | 7.4 | 7.6 | 7.9 | 8.2 | 7.9 | 8.1 | 8.4 | 8.7 | 8.4 | 8.6 | 8.9 | 9.2 |
| | | Hi PR | 233 | 251 | 265 | 276 | 261 | 281 | 297 | 310 | 297 | 320 | 338 | 352 | 339 | 364 | 385 | 401 | 381 | 410 | 433 | 452 | 421 | 453 | 478 | 499 |
| | | Lo PR | 107 | 114 | 124 | 132 | 113 | 120 | 131 | 140 | 118 | 125 | 137 | 145 | 123 | 131 | 143 | 153 | 129 | 138 | 150 | 160 | 134 | 142 | 155 | 166 |
| | 700 | MBh | 21.3 | 21.7 | 22.7 | 24.2 | 20.8 | 21.2 | 22.2 | 23.7 | 20.3 | 20.7 | 21.7 | 23.1 | 19.8 | 20.2 | 21.1 | 22.5 | 18.8 | 19.2 | 20.1 | 21.4 | 17.4 | 17.7 | 18.6 | 19.8 |
| | | S/T | 0.88 | 0.85 | 0.76 | 0.62 | 0.91 | 0.88 | 0.79 | 0.64 | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 0.97 | 0.88 | 0.71 |
| | | ΔT | 25 | 24 | 23 | 20 | 25 | 24 | 23 | 20 | 25 | 24 | 23 | 20 | 25 | 25 | 23 | 20 | 25 | 24 | 23 | 20 | 23 | 23 | 21 | 19 |
| | | kW | 1.61 | 1.65 | 1.70 | 1.75 | 1.73 | 1.77 | 1.82 | 1.88 | 1.83 | 1.87 | 1.93 | 1.99 | 1.93 | 1.97 | 2.03 | 2.09 | 2.00 | 2.05 | 2.11 | 2.18 | 2.07 | 2.11 | 2.18 | 2.25 |
| | | Amps | 5.8 | 5.9 | 6.1 | 6.3 | 6.2 | 6.4 | 6.6 | 6.8 | 6.8 | 6.9 | 7.2 | 7.4 | 7.2 | 7.4 | 7.7 | 7.9 | 7.7 | 7.9 | 8.1 | 8.5 | 8.2 | 8.4 | 8.6 | 9.0 |
| | | Hi PR | 226 | 243 | 257 | 268 | 254 | 273 | 288 | 301 | 288 | 310 | 328 | 342 | 328 | 353 | 373 | 389 | 370 | 398 | 420 | 438 | 408 | 439 | 464 | 484 |
| | | Lo PR | 104 | 110 | 121 | 128 | 110 | 117 | 127 | 136 | 114 | 121 | 132 | 141 | 120 | 127 | 139 | 148 | 126 | 134 | 146 | 155 | 130 | 138 | 151 | 161 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | Airflow | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 875 | MBh | 24.9 | 25.8 | 28.3 | - | 24.4 | 25.2 | 27.7 | - | 23.8 | 24.6 | 27.0 | - | 23.2 | 24.0 | 26.3 | - | 22.0 | 22.8 | 25.0 | - | 20.4 | 21.2 | 23.2 | - |
| | | S/T | 0.72 | 0.60 | 0.42 | - | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.64 | 0.44 | - | 0.79 | 0.66 | 0.46 | - | 0.82 | 0.68 | 0.47 | - | 0.82 | 0.69 | 0.48 | - |
| | | Δ T | 19 | 16 | 12 | - | 19 | 16 | 13 | - | 19 | 16 | 13 | - | 19 | 17 | 13 | - | 19 | 16 | 12 | - | 18 | 15 | 12 | - |
| | | kW | 1.60 | 1.64 | 1.70 | - | 1.74 | 1.78 | 1.85 | - | 1.87 | 1.91 | 1.98 | - | 1.97 | 2.02 | 2.10 | - | 2.07 | 2.12 | 2.20 | - | 2.15 | 2.20 | 2.28 | - |
| | | Amps | 6.6 | 6.8 | 7.0 | - | 7.2 | 7.4 | 7.7 | - | 7.9 | 8.1 | 8.4 | - | 8.5 | 8.7 | 9.0 | - | 9.1 | 9.3 | 9.6 | - | 9.6 | 9.9 | 10.2 | - |
| | | Hi PR | 209 | 224 | 237 | - | 234 | 252 | 266 | - | 266 | 286 | 303 | - | 303 | 326 | 345 | - | 341 | 367 | 388 | - | 377 | 406 | 428 | - |
| | | Lo PR | 103 | 109 | 119 | - | 109 | 116 | 126 | - | 113 | 120 | 131 | - | 119 | 126 | 138 | - | 124 | 132 | 144 | - | 128 | 137 | 149 | - |
| | 1050 | MBh | 27.0 | 28.0 | 30.7 | - | 26.4 | 27.4 | 30.0 | - | 25.8 | 26.7 | 29.3 | - | 25.1 | 26.1 | 28.5 | - | 23.9 | 24.7 | 27.1 | - | 22.1 | 22.9 | 25.1 | - |
| | | S/T | 0.74 | 0.62 | 0.43 | - | 0.77 | 0.64 | 0.45 | - | 0.79 | 0.66 | 0.46 | - | 0.82 | 0.68 | 0.47 | - | 0.85 | 0.71 | 0.49 | - | 0.85 | 0.71 | 0.49 | - |
| | | Δ T | 18 | 15 | 12 | - | 18 | 15 | 12 | - | 18 | 15 | 12 | - | 18 | 16 | 12 | - | 18 | 15 | 12 | - | 17 | 14 | 11 | - |
| | | kW | 1.65 | 1.69 | 1.75 | - | 1.79 | 1.83 | 1.90 | - | 1.92 | 1.97 | 2.04 | - | 2.03 | 2.08 | 2.16 | - | 2.13 | 2.18 | 2.26 | - | 2.21 | 2.26 | 2.35 | - |
| | | Amps | 6.8 | 7.0 | 7.3 | - | 7.4 | 7.6 | 7.9 | - | 8.1 | 8.3 | 8.6 | - | 8.7 | 9.0 | 9.3 | - | 9.3 | 9.6 | 9.9 | - | 9.9 | 10.2 | 10.6 | - |
| | | Hi PR | 215 | 231 | 244 | - | 241 | 260 | 274 | - | 274 | 295 | 312 | - | 313 | 336 | 355 | - | 352 | 378 | 400 | - | 389 | 418 | 442 | - |
| | | Lo PR | 106 | 113 | 123 | - | 112 | 119 | 130 | - | 116 | 124 | 135 | - | 122 | 130 | 142 | - | 128 | 136 | 149 | - | 132 | 141 | 154 | - |
| | 1125 | MBh | 27.3 | 28.3 | 31.0 | - | 26.7 | 27.6 | 30.3 | - | 26.0 | 27.0 | 29.5 | - | 25.4 | 26.3 | 28.8 | - | 24.1 | 25.0 | 27.4 | - | 22.3 | 23.2 | 25.4 | - |
| | | S/T | 0.76 | 0.63 | 0.44 | - | 0.79 | 0.66 | 0.45 | - | 0.81 | 0.67 | 0.47 | - | 0.83 | 0.70 | 0.48 | - | 0.86 | 0.72 | 0.50 | - | 0.87 | 0.73 | 0.50 | - |
| | | Δ T | 17 | 15 | 11 | - | 17 | 15 | 11 | - | 17 | 15 | 11 | - | 17 | 15 | 11 | - | 17 | 15 | 11 | - | 16 | 14 | 10 | - |
| | | kW | 1.65 | 1.69 | 1.75 | - | 1.80 | 1.84 | 1.91 | - | 1.92 | 1.97 | 2.04 | - | 2.04 | 2.09 | 2.16 | - | 2.13 | 2.18 | 2.26 | - | 2.21 | 2.27 | 2.35 | - |
| | | Amps | 6.9 | 7.0 | 7.3 | - | 7.5 | 7.7 | 7.9 | - | 8.2 | 8.4 | 8.7 | - | 8.8 | 9.0 | 9.3 | - | 9.4 | 9.6 | 10.0 | - | 10.0 | 10.2 | 10.6 | - |
| | | Hi PR | 216 | 232 | 245 | - | 242 | 260 | 275 | - | 275 | 296 | 313 | - | 314 | 337 | 356 | - | 353 | 380 | 401 | - | 390 | 419 | 443 | - |
| | | Lo PR | 106 | 113 | 123 | - | 112 | 119 | 130 | - | 117 | 124 | 136 | - | 123 | 130 | 142 | - | 128 | 137 | 149 | - | 133 | 141 | 154 | - |
| 75 | 875 | MBh | 25.4 | 26.1 | 28.3 | 30.3 | 24.8 | 25.5 | 27.6 | 29.6 | 24.2 | 24.9 | 26.9 | 28.9 | 23.6 | **24.3** | 26.3 | 28.2 | 22.4 | 23.1 | 25.0 | 26.8 | 20.8 | 21.4 | 23.1 | 24.8 |
| | | S/T | 0.82 | 0.73 | 0.55 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.89 | **0.80** | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.40 | 0.94 | 0.84 | 0.63 | 0.41 |
| | | Δ T | 22 | 20 | 16 | 11 | 22 | 20 | 17 | 11 | 22 | 20 | 17 | 11 | 22 | **20** | 17 | 12 | 22 | 20 | 16 | 11 | 20 | 19 | 15 | 11 |
| | | kW | 1.62 | 1.66 | 1.72 | 1.78 | 1.76 | 1.80 | 1.87 | 1.93 | 1.88 | 1.93 | 2.00 | 2.07 | 1.99 | **2.04** | 2.12 | 2.19 | 2.09 | 2.14 | 2.22 | 2.30 | 2.17 | 2.22 | 2.30 | 2.39 |
| | | Amps | 6.7 | 6.9 | 7.1 | 7.4 | 7.3 | 7.5 | 7.7 | 8.1 | 8.0 | 8.2 | 8.5 | 8.8 | 8.6 | **8.8** | 9.1 | 9.5 | 9.2 | 9.4 | 9.7 | 10.1 | 9.7 | 10.0 | 10.4 | 10.8 |
| | | Hi PR | 211 | 227 | 239 | 250 | 236 | 254 | 269 | 280 | 269 | 289 | 306 | 319 | 306 | **330** | 348 | 363 | 345 | 371 | 392 | 408 | 381 | 410 | 433 | 451 |
| | | Lo PR | 104 | 110 | 121 | 128 | 110 | 117 | 127 | 136 | 114 | 121 | 132 | 141 | 120 | **127** | 139 | 148 | 125 | 134 | 146 | 155 | 130 | 138 | 151 | 161 |
| | 1050 | MBh | 27.5 | 28.3 | 30.6 | 32.9 | 26.8 | 27.6 | 29.9 | 32.1 | 26.2 | 27.0 | 29.2 | 31.3 | 25.6 | **26.3** | 28.5 | 30.6 | 24.3 | 25.0 | 27.1 | 29.0 | 22.5 | 23.2 | 25.1 | 26.9 |
| | | S/T | 0.85 | 0.76 | 0.57 | 0.37 | 0.88 | 0.78 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.93 | **0.83** | 0.63 | 0.40 | 0.96 | 0.86 | 0.65 | 0.42 | 0.97 | 0.87 | 0.66 | 0.42 |
| | | Δ T | 20 | 19 | 15 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | **19** | 16 | 11 | 20 | 19 | 15 | 11 | 19 | 18 | 14 | 10 |
| | | kW | 1.66 | 1.70 | 1.76 | 1.83 | 1.81 | 1.85 | 1.92 | 1.99 | 1.94 | 1.98 | 2.06 | 2.13 | 2.05 | **2.10** | 2.18 | 2.26 | 2.15 | 2.20 | 2.28 | 2.36 | 2.23 | 2.28 | 2.37 | 2.46 |
| | | Amps | 6.9 | 7.1 | 7.3 | 7.6 | 7.5 | 7.7 | 8.0 | 8.3 | 8.2 | 8.4 | 8.7 | 9.1 | 8.8 | **9.1** | 9.4 | 9.8 | 9.4 | 9.7 | 10.0 | 10.4 | 10.0 | 10.3 | 10.7 | 11.1 |
| | | Hi PR | 217 | 234 | 247 | 257 | 244 | 262 | 277 | 289 | 277 | 298 | 315 | 329 | 316 | **340** | 359 | 374 | 355 | 382 | 404 | 421 | 393 | 422 | 446 | 465 |
| | | Lo PR | 107 | 114 | 124 | 132 | 113 | 120 | 131 | 140 | 118 | 125 | 136 | 145 | 123 | **131** | 143 | 153 | 129 | 138 | 150 | 160 | 134 | 142 | 155 | 166 |
| | 1125 | MBh | 27.8 | 28.6 | 30.9 | 33.2 | 27.1 | 27.9 | 30.2 | 32.4 | 26.5 | 27.2 | 29.5 | 31.6 | 25.8 | **26.6** | 28.8 | 30.9 | 24.5 | 25.3 | 27.3 | 29.3 | 22.7 | 23.4 | 25.3 | 27.2 |
| | | S/T | 0.86 | 0.77 | 0.58 | 0.38 | 0.89 | 0.80 | 0.61 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.95 | **0.85** | 0.64 | 0.41 | 0.98 | 0.88 | 0.66 | 0.43 | 0.99 | 0.89 | 0.67 | 0.43 |
| | | Δ T | 20 | 18 | 15 | 10 | 20 | 18 | 15 | 10 | 20 | 18 | 15 | 10 | 20 | **18** | 15 | 10 | 20 | 18 | 15 | 10 | 18 | 17 | 14 | 10 |
| | | kW | 1.67 | 1.71 | 1.77 | 1.83 | 1.81 | 1.86 | 1.92 | 1.99 | 1.94 | 1.99 | 2.06 | 2.14 | 2.06 | **2.11** | 2.18 | 2.26 | 2.15 | 2.21 | 2.29 | 2.37 | 2.24 | 2.29 | 2.37 | 2.46 |
| | | Amps | 6.9 | 7.1 | 7.4 | 7.7 | 7.5 | 7.7 | 8.0 | 8.3 | 8.2 | 8.5 | 8.8 | 9.1 | 8.9 | **9.1** | 9.4 | 9.8 | 9.5 | 9.7 | 10.1 | 10.5 | 10.1 | 10.3 | 10.7 | 11.1 |
| | | Hi PR | 218 | 234 | 248 | 258 | 245 | 263 | 278 | 290 | 278 | 299 | 316 | 330 | 317 | **341** | 360 | 375 | 356 | 383 | 405 | 422 | 394 | 424 | 447 | 467 |
| | | Lo PR | 107 | 114 | 125 | 133 | 113 | 121 | 132 | 140 | 118 | 125 | 137 | 146 | 124 | **132** | 144 | 153 | 130 | 138 | 151 | 161 | 134 | 143 | 156 | 166 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | AIRFLOW | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | 875 | MBh | 25.8 | 26.4 | 28.2 | 30.1 | 25.2 | 25.8 | 27.5 | 29.4 | 24.6 | 25.1 | 26.9 | 28.7 | 24.0 | 24.5 | 26.2 | 28.0 | 22.8 | 23.3 | 24.9 | 26.6 | 21.1 | 21.6 | 23.1 | 24.7 |
| | | S/T | 0.89 | 0.84 | 0.68 | 0.5 | 0.93 | 0.87 | 0.71 | 0.53 | 0.95 | 0.89 | 0.73 | 0.5 | 0.98 | 0.92 | 0.75 | 0.56 | 1.02 | 0.96 | 0.78 | 0.6 | 1.03 | 0.96 | 0.78 | 0.59 |
| | | Δ T | 24 | 23 | 20 | 16 | 25 | 24 | 20 | 16 | 25 | 24 | 20 | 16 | 25 | 24 | 21 | 16 | 24 | 23 | 20 | 16 | 23 | 22 | 19 | 15 |
| | | kW | 1.63 | 1.67 | 1.73 | 1.8 | 1.77 | 1.82 | 1.88 | 1.95 | 1.90 | 1.95 | 2.02 | 2.1 | 2.01 | 2.06 | 2.14 | 2.21 | 2.11 | 2.16 | 2.24 | 2.3 | 2.19 | 2.24 | 2.32 | 2.41 |
| | | Amps | 6.8 | 6.9 | 7.2 | 7.5 | 7.4 | 7.6 | 7.8 | 8.1 | 8.1 | 8.3 | 8.6 | 8.9 | 8.7 | 8.9 | 9.2 | 9.6 | 9.2 | 9.5 | 9.8 | 10.2 | 9.8 | 10.1 | 10.5 | 10.9 |
| | | Hi PR | 213 | 229 | 242 | 252.3 | 239 | 257 | 271 | 283 | 272 | 292 | 309 | 322.0 | 309 | 333 | 352 | 367 | 348 | 375 | 396 | 412.5 | 385 | 414 | 437 | 456 |
| | | Lo PR | 105 | 112 | 122 | 129.7 | 111 | 118 | 129 | 137 | 115 | 123 | 134 | 142.4 | 121 | 129 | 140 | 150 | 127 | 135 | 147 | 156.8 | 131 | 139 | 152 | 162 |
| | 1050 | MBh | 28.0 | 28.6 | 30.5 | 32.6 | 27.3 | 27.9 | 29.8 | 31.9 | 26.7 | 27.2 | 29.1 | 31.1 | 26.0 | 26.6 | **28.4** | 30.4 | 24.7 | 25.3 | 27.0 | 28.8 | 22.9 | 23.4 | 25.0 | 26.7 |
| | | S/T | 0.93 | 0.87 | 0.71 | 0.5 | 0.96 | 0.90 | 0.73 | 0.55 | 0.99 | 0.92 | 0.75 | 0.6 | 1.00 | 0.95 | **0.78** | 0.58 | 1.00 | 0.99 | 0.81 | 0.6 | 1.00 | 1.00 | 0.81 | 0.61 |
| | | Δ T | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 23 | 22 | **19** | 15 | 22 | 22 | 19 | 15 | 20 | 20 | 18 | 14 |
| | | kW | 1.68 | 1.72 | 1.78 | 1.8 | 1.82 | 1.87 | 1.94 | 2.01 | 1.95 | 2.00 | 2.07 | 2.2 | 2.07 | 2.12 | **2.20** | 2.28 | 2.17 | 2.22 | 2.30 | 2.4 | 2.25 | 2.31 | 2.39 | 2.48 |
| | | Amps | 7.0 | 7.2 | 7.4 | 7.7 | 7.6 | 7.8 | 8.1 | 8.4 | 8.3 | 8.5 | 8.8 | 9.2 | 8.9 | 9.1 | **9.5** | 9.9 | 9.5 | 9.8 | 10.1 | 10.5 | 10.1 | 10.4 | 10.8 | 11.2 |
| | | Hi PR | 219 | 236 | 249 | 260.1 | 246 | 265 | 280 | 292 | 280 | 301 | 318 | 331.9 | 319 | 343 | **362** | 378 | 359 | 386 | 408 | 425.3 | 396 | 427 | 451 | 470 |
| | | Lo PR | 108 | 115 | 126 | 133.7 | 114 | 122 | 133 | 141 | 119 | 126 | 138 | 146.8 | 125 | 133 | **145** | 154 | 131 | 139 | 152 | 161.6 | 135 | 144 | 157 | 167 |
| | 1125 | MBh | 28.2 | 28.9 | 30.8 | 33.0 | 27.6 | 28.2 | 30.1 | 32.2 | 26.9 | 27.5 | 29.4 | 31.4 | 26.3 | 26.8 | 28.7 | 30.7 | 25.0 | 25.5 | 27.2 | 29.1 | 23.1 | 23.6 | 25.2 | 27.0 |
| | | S/T | 0.95 | 0.89 | 0.72 | 0.5 | 0.98 | 0.92 | 0.75 | 0.56 | 1.00 | 0.94 | 0.77 | 0.6 | 1.00 | 0.97 | 0.79 | 0.59 | 1.00 | 1.00 | 0.82 | 0.6 | 1.00 | 1.00 | 0.83 | 0.62 |
| | | Δ T | 22 | 21 | 18 | 15 | 22 | 21 | 18 | 15 | 22 | 21 | 18 | 15 | 21 | 21 | 19 | 15 | 20 | 21 | 18 | 15 | 19 | 19 | 17 | 14 |
| | | kW | 1.68 | 1.72 | 1.78 | 1.8 | 1.83 | 1.87 | 1.94 | 2.01 | 1.96 | 2.01 | 2.08 | 2.2 | 2.07 | 2.13 | 2.20 | 2.28 | 2.17 | 2.23 | 2.31 | 2.4 | 2.26 | 2.31 | 2.40 | 2.49 |
| | | Amps | 7.0 | 7.2 | 7.4 | 7.7 | 7.6 | 7.8 | 8.1 | 8.4 | 8.3 | 8.5 | 8.8 | 9.2 | 8.9 | 9.2 | 9.5 | 9.9 | 9.6 | 9.8 | 10.2 | 10.6 | 10.2 | 10.4 | 10.8 | 11.2 |
| | | Hi PR | 220 | 237 | 250 | 260.9 | 247 | 266 | 281 | 293 | 281 | 302 | 319 | 332.9 | 320 | 344 | 364 | 379 | 360 | 387 | 409 | 426.6 | 398 | 428 | 452 | 471 |
| | | Lo PR | 108 | 115 | 126 | 134.1 | 115 | 122 | 133 | 142 | 119 | 127 | 138 | 147.3 | 125 | 133 | 145 | 155 | 131 | 139 | 152 | 162.1 | 136 | 144 | 157 | 168 |
| 85 | 875 | MBh | 26.3 | 26.8 | 28.0 | 29.9 | 25.7 | 26.1 | 27.4 | 29.2 | 25.0 | 25.5 | 26.7 | 28.5 | 24.4 | 24.9 | 26.1 | 27.8 | 23.2 | 23.7 | 24.8 | 26.4 | 21.5 | 21.9 | 23.0 | 24.5 |
| | | S/T | 0.94 | 0.90 | 0.82 | 0.66 | 0.97 | 0.94 | 0.85 | 0.69 | 1.00 | 0.96 | 0.87 | 0.70 | 1.00 | 0.99 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.75 | 1.00 | 1.00 | 0.94 | 0.76 |
| | | Δ T | 26 | 25 | 24 | 21 | 26 | 26 | 24 | 21 | 26 | 26 | 24 | 21 | 26 | 26 | 25 | 21 | 24 | 25 | 24 | 21 | 23 | 23 | 23 | 20 |
| | | kW | 1.65 | 1.69 | 1.75 | 1.81 | 1.79 | 1.83 | 1.90 | 1.97 | 1.92 | 1.96 | 2.04 | 2.11 | 2.03 | 2.08 | 2.16 | 2.24 | 2.13 | 2.18 | 2.26 | 2.34 | 2.21 | 2.26 | 2.35 | 2.43 |
| | | Amps | 6.8 | 7.0 | 7.3 | 7.6 | 7.4 | 7.6 | 7.9 | 8.2 | 8.1 | 8.3 | 8.6 | 9.0 | 8.7 | 9.0 | 9.3 | 9.7 | 9.3 | 9.6 | 9.9 | 10.3 | 9.9 | 10.2 | 10.6 | 11.0 |
| | | Hi PR | 215 | 231 | 244 | 255 | 241 | 260 | 274 | 286 | 274 | 295 | 312 | 325 | 312 | 336 | 355 | 370 | 352 | 378 | 399 | 417 | 388 | 418 | 441 | 460 |
| | | Lo PR | 106 | 113 | 123 | 131 | 112 | 119 | 130 | 138 | 116 | 124 | 135 | 144 | 122 | 130 | 142 | 151 | 128 | 136 | 149 | 158 | 132 | 141 | 154 | 164 |
| | 1050 | MBh | 28.5 | 29.0 | 30.4 | 32.4 | 27.8 | 28.3 | 29.7 | 31.7 | 27.1 | 27.7 | 29.0 | 30.9 | 26.5 | 27.0 | 28.3 | 30.1 | 25.1 | 25.6 | 26.8 | 28.6 | 23.3 | 23.7 | 24.9 | 26.5 |
| | | S/T | 0.97 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.88 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.75 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 0.97 | 0.79 |
| | | Δ T | 24 | 24 | 23 | 19 | 24 | 24 | 23 | 20 | 24 | 24 | 23 | 20 | 23 | 24 | 23 | 20 | 22 | 22 | 23 | 20 | 20 | 21 | 21 | 18 |
| | | kW | 1.69 | 1.73 | 1.80 | 1.86 | 1.84 | 1.89 | 1.95 | 2.03 | 1.97 | 2.02 | 2.09 | 2.17 | 2.09 | 2.14 | 2.22 | 2.30 | 2.19 | 2.24 | 2.32 | 2.41 | 2.27 | 2.33 | 2.41 | 2.50 |
| | | Amps | 7.0 | 7.2 | 7.5 | 7.8 | 7.7 | 7.9 | 8.1 | 8.5 | 8.4 | 8.6 | 8.9 | 9.3 | 9.0 | 9.2 | 9.6 | 10.0 | 9.6 | 9.9 | 10.2 | 10.6 | 10.2 | 10.5 | 10.9 | 11.3 |
| | | Hi PR | 222 | 239 | 252 | 263 | 249 | 268 | 283 | 295 | 283 | 304 | 321 | 335 | 322 | 347 | 366 | 382 | 362 | 390 | 412 | 430 | 400 | 431 | 455 | 475 |
| | | Lo PR | 109 | 116 | 127 | 135 | 115 | 123 | 134 | 143 | 120 | 128 | 139 | 148 | 126 | 134 | 146 | 156 | 132 | 140 | 153 | 163 | 137 | 145 | 159 | 169 |
| | 1125 | MBh | 28.7 | 29.3 | 30.7 | 32.7 | 28.1 | 28.6 | 30.0 | 32.0 | 27.4 | 27.9 | 29.3 | 31.2 | 26.7 | 27.3 | 28.5 | 30.4 | 25.4 | 25.9 | 27.1 | 28.9 | 23.5 | 24.0 | 25.1 | 26.8 |
| | | S/T | 0.99 | 0.96 | 0.86 | 0.70 | 1.00 | 0.99 | 0.90 | 0.73 | 1.00 | 1.00 | 0.92 | 0.74 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.98 | 0.80 | 1.00 | 1.00 | 0.99 | 0.80 |
| | | Δ T | 23 | 23 | 22 | 19 | 23 | 23 | 22 | 19 | 22 | 23 | 22 | 19 | 22 | 22 | 22 | 19 | 21 | 21 | 22 | 19 | 19 | 20 | 20 | 18 |
| | | kW | 1.70 | 1.74 | 1.80 | 1.87 | 1.85 | 1.89 | 1.96 | 2.03 | 1.98 | 2.03 | 2.10 | 2.18 | 2.09 | 2.15 | 2.22 | 2.31 | 2.19 | 2.25 | 2.33 | 2.42 | 2.28 | 2.33 | 2.42 | 2.51 |
| | | Amps | 7.1 | 7.2 | 7.5 | 7.8 | 7.7 | 7.9 | 8.2 | 8.5 | 8.4 | 8.6 | 8.9 | 9.3 | 9.0 | 9.3 | 9.6 | 10.0 | 9.7 | 9.9 | 10.3 | 10.7 | 10.3 | 10.5 | 10.9 | 11.4 |
| | | Hi PR | 222 | 239 | 253 | 263 | 249 | 268 | 283 | 296 | 284 | 305 | 322 | 336 | 323 | 348 | 367 | 383 | 364 | 391 | 413 | 431 | 402 | 432 | 456 | 476 |
| | | Lo PR | 110 | 117 | 127 | 135 | 116 | 123 | 134 | 143 | 120 | 128 | 140 | 149 | 126 | 134 | 147 | 156 | 132 | 141 | 154 | 164 | 137 | 146 | 159 | 169 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | Airflow | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 1350 | MBh | 32.9 | 34.1 | 37.4 | - | 32.2 | 33.3 | 36.5 | - | 31.4 | 32.5 | 35.7 | - | 30.6 | 31.7 | 34.8 | - | 29.1 | 30.2 | 33.0 | - | 27.0 | 27.9 | 30.6 | - |
| | | S/T | 0.77 | 0.65 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.82 | 0.69 | 0.48 | - | 0.85 | 0.71 | 0.49 | - | 0.88 | 0.74 | 0.51 | - | 0.89 | 0.74 | 0.51 | - |
| | | Δ T | 17 | 15 | 11 | - | 18 | 15 | 12 | - | 18 | 15 | 12 | - | 18 | 15 | 12 | - | 17 | 15 | 11 | - | 16 | 14 | 11 | - |
| | | kW | 2.44 | 2.49 | 2.55 | - | 2.61 | 2.65 | 2.73 | - | 2.75 | 2.80 | 2.88 | - | 2.88 | 2.94 | 3.02 | - | 2.99 | 3.05 | 3.14 | - | 3.08 | 3.14 | 3.24 | - |
| | | /anos | 9.7 | 9.9 | 10.0 | - | 10.1 | 10.3 | 10.5 | - | 10.6 | 10.8 | 11.0 | - | 11.0 | 11.2 | 11.4 | - | 11.4 | 11.6 | 11.8 | - | 11.8 | 12.0 | 12.2 | - |
| | | Hi PR | 183 | 197 | 208 | - | 205 | 221 | 234 | - | 234 | 252 | 266 | - | 266 | 286 | 302 | - | 299 | 322 | 340 | - | 331 | 356 | 376 | - |
| | | Lo PR | 95 | 101 | 110 | - | 100 | 107 | 117 | - | 104 | 111 | 121 | - | 110 | 117 | 127 | - | 115 | 122 | 134 | - | 119 | 126 | 138 | - |
| | 1200 | MBh | 32.0 | 33.1 | 36.3 | - | 31.2 | 32.4 | 35.5 | - | 30.5 | 31.6 | 34.6 | - | 29.7 | 30.8 | 33.8 | - | 28.2 | 29.3 | 32.1 | - | 26.2 | 27.1 | 29.7 | - |
| | | S/T | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.64 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.68 | 0.47 | - | 0.84 | 0.70 | 0.49 | - | 0.85 | 0.71 | 0.49 | - |
| | | Δ T | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 17 | 15 | 11 | - |
| | | kW | 2.42 | 2.47 | 2.54 | - | 2.59 | 2.64 | 2.71 | - | 2.73 | 2.78 | 2.86 | - | 2.86 | 2.91 | 3.00 | - | 2.96 | 3.02 | 3.11 | - | 3.06 | 3.12 | 3.21 | - |
| | | /anos | 9.7 | 9.8 | 10.0 | - | 10.1 | 10.2 | 10.4 | - | 10.6 | 10.7 | 10.9 | - | 11.0 | 11.1 | 11.3 | - | 11.4 | 11.5 | 11.8 | - | 11.8 | 11.9 | 12.2 | - |
| | | Hi PR | 181 | 195 | 206 | - | 203 | 219 | 231 | - | 231 | 249 | 263 | - | 264 | 284 | 299 | - | 296 | 319 | 337 | - | 328 | 353 | 372 | - |
| | | Lo PR | 94 | 100 | 109 | - | 99 | 106 | 116 | - | 103 | 110 | 120 | - | 109 | 116 | 126 | - | 114 | 121 | 132 | - | 118 | 125 | 137 | - |
| | 1050 | MBh | 29.5 | 30.6 | 33.5 | - | 28.8 | 29.9 | 32.7 | - | 28.1 | 29.2 | 31.9 | - | 27.4 | 28.4 | 31.2 | - | 26.1 | 27.0 | 29.6 | - | 24.2 | 25.0 | 27.4 | - |
| | | S/T | 0.71 | 0.59 | 0.41 | - | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.68 | 0.47 | - | 0.82 | 0.68 | 0.47 | - |
| | | Δ T | 18 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 18 | 16 | 12 | - | 17 | 15 | 11 | - |
| | | kW | 2.37 | 2.42 | 2.48 | - | 2.53 | 2.58 | 2.65 | - | 2.67 | 2.72 | 2.80 | - | 2.79 | 2.85 | 2.93 | - | 2.90 | 2.96 | 3.04 | - | 2.99 | 3.05 | 3.14 | - |
| | | /anos | 9.6 | 9.7 | 9.8 | - | 10.0 | 10.1 | 10.3 | - | 10.4 | 10.5 | 10.7 | - | 10.8 | 10.9 | 11.1 | - | 11.2 | 11.3 | 11.6 | - | 11.6 | 11.7 | 12.0 | - |
| | | Hi PR | 176 | 189 | 200 | - | 197 | 212 | 224 | - | 224 | 242 | 255 | - | 256 | 275 | 291 | - | 288 | 309 | 327 | - | 318 | 342 | 361 | - |
| | | Lo PR | 91 | 97 | 106 | - | 96 | 103 | 112 | - | 100 | 107 | 116 | - | 105 | 112 | 122 | - | 110 | 117 | 128 | - | 114 | 121 | 133 | - |
| 75 | 1350 | MBh | 33.5 | 34.5 | 37.3 | 40.0 | 32.7 | 33.7 | 36.4 | 39.1 | 31.9 | 32.9 | 35.6 | 38.2 | 31.1 | **32.1** | 34.7 | 37.3 | 29.6 | 30.5 | 33.0 | 35.4 | 27.4 | 28.2 | 30.5 | 32.8 |
| | | S/T | 0.88 | 0.79 | 0.60 | 0.38 | 0.91 | 0.81 | 0.62 | 0.40 | 0.93 | 0.84 | 0.63 | 0.41 | 0.96 | **0.86** | 0.65 | 0.42 | 1.00 | 0.90 | 0.68 | 0.44 | 1.00 | 0.90 | 0.68 | 0.44 |
| | | Δ T | 20 | 18 | 15 | 10 | 20 | 19 | 15 | 11 | 20 | 19 | 15 | 11 | 20 | **19** | 15 | 11 | 20 | 19 | 15 | 11 | 19 | 17 | 14 | 10 |
| | | kW | 2.46 | 2.50 | 2.57 | 2.65 | 2.62 | 2.67 | 2.75 | 2.83 | 2.77 | 2.82 | 2.91 | 2.99 | 2.90 | **2.96** | 3.04 | 3.14 | 3.01 | 3.07 | 3.16 | 3.26 | 3.10 | 3.17 | 3.26 | 3.36 |
| | | /anos | 9.8 | 9.9 | 10.1 | 10.3 | 10.2 | 10.3 | 10.5 | 10.7 | 10.7 | 10.8 | 11.0 | 11.3 | 11.1 | **11.2** | 11.4 | 11.7 | 11.5 | 11.7 | 11.9 | 12.2 | 11.9 | 12.1 | 12.3 | 12.6 |
| | | Hi PR | 185 | 199 | 210 | 219 | 208 | 223 | 236 | 246 | 236 | 254 | 268 | 280 | 269 | **289** | 306 | 319 | 303 | 326 | 344 | 359 | 334 | 360 | 380 | 396 |
| | | Lo PR | 96 | 102 | 112 | 119 | 101 | 108 | 118 | 126 | 105 | 112 | 123 | 130 | 111 | **118** | 129 | 137 | 116 | 124 | 135 | 144 | 120 | 128 | 139 | 149 |
| | 1200 | MBh | 32.5 | 33.5 | 36.2 | 38.9 | 31.8 | 32.7 | 35.4 | 38.0 | 31.0 | 31.9 | 34.5 | 37.1 | 30.2 | **31.1** | 33.7 | 36.2 | 28.7 | 29.6 | 32.0 | 34.4 | 26.6 | 27.4 | 29.7 | 31.8 |
| | | S/T | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.89 | 0.80 | 0.60 | 0.39 | 0.92 | **0.82** | 0.62 | 0.40 | 0.95 | 0.85 | 0.65 | 0.42 | 0.96 | 0.86 | 0.65 | 0.42 |
| | | Δ T | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | **20** | 16 | 11 | 21 | 19 | 16 | 11 | 20 | 18 | 15 | 10 |
| | | kW | 2.44 | 2.49 | 2.56 | 2.63 | 2.61 | 2.66 | 2.73 | 2.81 | 2.75 | 2.80 | 2.89 | 2.97 | 2.88 | **2.94** | 3.02 | 3.11 | 2.99 | 3.05 | 3.14 | 3.23 | 3.08 | 3.14 | 3.24 | 3.34 |
| | | /anos | 9.7 | 9.9 | 10.0 | 10.2 | 10.1 | 10.3 | 10.5 | 10.7 | 10.6 | 10.8 | 11.0 | 11.2 | 11.0 | **11.2** | 11.4 | 11.6 | 11.4 | 11.6 | 11.8 | 12.1 | 11.8 | 12.0 | 12.2 | 12.5 |
| | | Hi PR | 183 | 197 | 208 | 217 | 206 | 221 | 234 | 244 | 234 | 252 | 266 | 277 | 266 | **287** | 303 | 316 | 300 | 322 | 340 | 355 | 331 | 356 | 376 | 392 |
| | | Lo PR | 95 | 101 | 110 | 118 | 100 | 107 | 117 | 124 | 104 | 111 | 121 | 129 | 110 | **117** | 127 | 136 | 115 | 122 | 134 | 142 | 119 | 127 | 138 | 147 |
| | 1050 | MBh | 30.0 | 30.9 | 33.4 | 35.9 | 29.3 | 30.2 | 32.7 | 35.1 | 28.6 | 29.5 | 31.9 | 34.2 | 27.9 | **28.7** | 31.1 | 33.4 | 26.5 | 27.3 | 29.6 | 31.7 | 24.6 | 25.3 | 27.4 | 29.4 |
| | | S/T | 0.81 | 0.72 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | **0.79** | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.93 | 0.83 | 0.63 | 0.40 |
| | | Δ T | 21 | 20 | 16 | 11 | 21 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | **20** | 16 | 11 | 21 | 20 | 16 | 11 | 20 | 18 | 15 | 10 |
| | | kW | 2.39 | 2.43 | 2.50 | 2.57 | 2.55 | 2.60 | 2.67 | 2.75 | 2.69 | 2.74 | 2.82 | 2.90 | 2.81 | **2.87** | 2.95 | 3.04 | 2.92 | 2.98 | 3.07 | 3.16 | 3.01 | 3.07 | 3.16 | 3.26 |
| | | /anos | 9.6 | 9.7 | 9.9 | 10.1 | 10.0 | 10.1 | 10.3 | 10.5 | 10.5 | 10.6 | 10.8 | 11.0 | 10.8 | **11.0** | 11.2 | 11.4 | 11.2 | 11.4 | 11.6 | 11.9 | 11.6 | 11.8 | 12.0 | 12.3 |
| | | Hi PR | 178 | 191 | 202 | 211 | 199 | 215 | 227 | 236 | 227 | 244 | 258 | 269 | 258 | **278** | 293 | 306 | 291 | 313 | 330 | 344 | 321 | 345 | 365 | 380 |
| | | Lo PR | 92 | 98 | 107 | 114 | 97 | 104 | 113 | 121 | 101 | 108 | 118 | 125 | 106 | **113** | 124 | 132 | 112 | 119 | 130 | 138 | 115 | 123 | 134 | 143 |

IDB: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

# Expanded Cooling Data — GSX130361E* / CA*F3636*6D* (cont.)

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| **IDB** | **Airflow** | | **59** | **63** | **67** | **71** | **59** | **63** | **67** | **71** | **59** | **63** | **67** | **71** | **59** | **63** | **67** | **71** | **59** | **63** | **67** | **71** | **59** | **63** | **67** | **71** |
| | | MBh | 34.1 | 34.8 | 37.2 | 39.8 | 33.3 | 34.0 | 36.3 | 38.8 | 32.5 | 33.2 | 35.5 | 37.9 | 31.7 | 32.4 | 34.6 | 37.0 | 30.1 | 30.8 | 32.9 | 35.1 | 27.9 | 28.5 | 30.5 | 32.6 |
| | | S/T | 0.96 | 0.90 | 0.74 | 0.6 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.96 | 0.78 | 0.6 | 1.00 | 1.00 | 0.81 | 0.60 | 1.00 | 1.00 | 0.84 | 0.6 | 1.00 | 1.00 | 0.84 | 0.63 |
| | | Δ T | 22 | 21 | 19 | 15 | 23 | 22 | 19 | 15 | 22 | 22 | 19 | 15 | 22 | 22 | 19 | 15 | 21 | 21 | 19 | 15 | 19 | 19 | 18 | 14 |
| | **1350** | kW | 2.48 | 2.52 | 2.59 | 2.7 | 2.64 | 2.69 | 2.77 | 2.85 | 2.79 | 2.85 | 2.93 | 3.0 | 2.92 | 2.98 | 3.07 | 3.16 | 3.03 | 3.09 | 3.19 | 3.3 | 3.13 | 3.19 | 3.29 | 3.39 |
| | | /anos | 9.8 | 10.0 | 10.1 | 10.3 | 10.2 | 10.4 | 10.6 | 10.8 | 10.7 | 10.9 | 11.1 | 11.3 | 11.1 | 11.3 | 11.5 | 11.8 | 11.5 | 11.7 | 12.0 | 12.2 | 12.0 | 12.1 | 12.4 | 12.7 |
| | | Hi PR | 187 | 201 | 212 | 221.5 | 210 | 226 | 238 | 249 | 238 | 257 | 271 | 282.7 | 272 | 292 | 309 | 322 | 306 | 329 | 347 | 362.2 | 338 | 363 | 384 | 400 |
| | | Lo PR | 97 | 103 | 113 | 120.0 | 103 | 109 | 119 | 127 | 107 | 113 | 124 | 131.8 | 112 | 119 | 130 | 138 | 117 | 125 | 136 | 145.1 | 121 | 129 | 141 | 150 |
| | | MBh | 33.1 | 33.8 | 36.1 | 38.6 | 32.3 | 33.0 | 35.3 | 37.7 | 31.5 | 32.2 | 34.4 | 36.8 | 30.8 | 31.4 | **33.6** | 35.9 | 29.2 | 29.9 | 31.9 | 34.1 | 27.1 | 27.7 | 29.6 | 31.6 |
| | | S/T | 0.92 | 0.86 | 0.70 | 0.5 | 0.95 | 0.89 | 0.73 | 0.54 | 0.98 | 0.92 | 0.75 | 0.6 | 1.00 | 0.95 | **0.77** | 0.58 | 1.00 | 0.98 | 0.80 | 0.6 | 1.00 | 0.99 | 0.81 | 0.60 |
| | | Δ T | 23 | 22 | 19 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | **20** | 16 | 22 | 22 | 20 | 16 | 21 | 21 | 18 | 15 |
| **80** | **1200** | kW | 2.46 | 2.50 | 2.57 | 2.6 | 2.62 | 2.67 | 2.75 | 2.83 | 2.77 | 2.82 | 2.91 | 3.0 | 2.90 | 2.96 | **3.05** | 3.14 | 3.01 | 3.07 | 3.16 | 3.3 | 3.10 | 3.17 | 3.26 | 3.36 |
| | | /anos | 9.8 | 9.9 | 10.1 | 10.3 | 10.2 | 10.3 | 10.5 | 10.7 | 10.7 | 10.8 | 11.0 | 11.3 | 11.1 | 11.2 | **11.5** | 11.7 | 11.5 | 11.7 | 11.9 | 12.2 | 11.9 | 12.1 | 12.3 | 12.6 |
| | | Hi PR | 185 | 199 | 210 | 219.3 | 208 | 223 | 236 | 246 | 236 | 254 | 268 | 279.9 | 269 | 289 | **306** | 319 | 303 | 326 | 344 | 358.6 | 334 | 360 | 380 | 396 |
| | | Lo PR | 96 | 102 | 112 | 118.8 | 102 | 108 | 118 | 126 | 105 | 112 | 123 | 130.5 | 111 | 118 | **129** | 137 | 116 | 124 | 135 | 143.6 | 120 | 128 | 140 | 149 |
| | | MBh | 30.5 | 31.2 | 33.3 | 35.6 | 29.8 | 30.5 | 32.6 | 34.8 | 29.1 | 29.8 | 31.8 | 34.0 | 28.4 | 29.0 | 31.0 | 33.2 | 27.0 | 27.6 | 29.5 | 31.5 | 25.0 | 25.5 | 27.3 | 29.2 |
| | | S/T | 0.89 | 0.83 | 0.68 | 0.5 | 0.92 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.5 | 0.97 | 0.91 | 0.74 | 0.55 | 1.01 | 0.95 | 0.77 | 0.6 | 1.02 | 0.95 | 0.78 | 0.58 |
| | | Δ T | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 22 | 21 | 19 | 15 |
| | **1050** | kW | 2.41 | 2.45 | 2.52 | 2.6 | 2.57 | 2.62 | 2.69 | 2.77 | 2.71 | 2.76 | 2.84 | 2.9 | 2.84 | 2.89 | 2.98 | 3.07 | 2.94 | 3.00 | 3.09 | 3.2 | 3.03 | 3.10 | 3.19 | 3.29 |
| | | /anos | 9.7 | 9.8 | 9.9 | 10.1 | 10.0 | 10.2 | 10.4 | 10.6 | 10.5 | 10.6 | 10.8 | 11.1 | 10.9 | 11.1 | 11.3 | 11.5 | 11.3 | 11.5 | 11.7 | 11.9 | 11.7 | 11.9 | 12.1 | 12.4 |
| | | Hi PR | 179 | 193 | 204 | 212.7 | 201 | 217 | 229 | 239 | 229 | 246 | 260 | 271.5 | 261 | 281 | 296 | 309 | 293 | 316 | 333 | 347.8 | 324 | 349 | 368 | 384 |
| | | Lo PR | 93 | 99 | 108 | 115.3 | 98 | 105 | 114 | 122 | 102 | 109 | 119 | 126.6 | 107 | 114 | 125 | 133 | 113 | 120 | 131 | 139.3 | 117 | 124 | 135 | 144 |
| | | MBh | 34.7 | 35.3 | 37.0 | 39.5 | 33.9 | 34.5 | 36.2 | 38.6 | 33.1 | 33.7 | 35.3 | 37.7 | 32.3 | 32.9 | 34.4 | 36.7 | 30.6 | 31.2 | 32.7 | 34.9 | 28.4 | 28.9 | 30.3 | 32.3 |
| | | S/T | 1.00 | 0.98 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.97 | 0.78 | 1.00 | 1.00 | 1.00 | 0.81 | 1.00 | 1.00 | 1.00 | 0.82 |
| | | Δ T | 24 | 23 | 22 | 19 | 23 | 24 | 22 | 19 | 23 | 23 | 22 | 19 | 22 | 22 | 23 | 20 | 21 | 21 | 22 | 19 | 19 | 20 | 21 | 18 |
| | **1350** | kW | 2.49 | 2.54 | 2.61 | 2.68 | 2.66 | 2.71 | 2.79 | 2.87 | 2.81 | 2.87 | 2.95 | 3.04 | 2.94 | 3.00 | 3.09 | 3.19 | 3.06 | 3.12 | 3.21 | 3.31 | 3.15 | 3.22 | 3.31 | 3.42 |
| | | /anos | 9.9 | 10.0 | 10.2 | 10.4 | 10.3 | 10.4 | 10.6 | 10.8 | 10.8 | 10.9 | 11.1 | 11.4 | 11.2 | 11.4 | 11.6 | 11.8 | 11.6 | 11.8 | 12.0 | 12.3 | 12.0 | 12.2 | 12.5 | 12.7 |
| | | Hi PR | 189 | 203 | 214 | 224 | 212 | 228 | 241 | 251 | 241 | 259 | 274 | 285 | 274 | 295 | 312 | 325 | 309 | 332 | 351 | 366 | 341 | 367 | 387 | 404 |
| | | Lo PR | 98 | 104 | 114 | 121 | 104 | 110 | 120 | 128 | 108 | 114 | 125 | 133 | 113 | 120 | 131 | 140 | 118 | 126 | 138 | 147 | 123 | 130 | 142 | 152 |
| | | MBh | 33.7 | 34.3 | 35.9 | 38.3 | 32.9 | 33.5 | 35.1 | 37.5 | 32.1 | 32.7 | 34.3 | 36.6 | 31.3 | 31.9 | 33.4 | 35.7 | 29.7 | 30.3 | 31.8 | 33.9 | 27.6 | 28.1 | 29.4 | 31.4 |
| | | S/T | 0.96 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 0.96 | 0.78 |
| | | Δ T | 25 | 24 | 23 | 20 | 25 | 25 | 23 | 20 | 25 | 25 | 23 | 20 | 24 | 24 | 24 | 20 | 23 | 23 | 23 | 20 | 21 | 22 | 22 | 19 |
| **85** | **1200** | kW | 2.48 | 2.52 | 2.59 | 2.67 | 2.64 | 2.69 | 2.77 | 2.85 | 2.79 | 2.85 | 2.93 | 3.02 | 2.92 | 2.98 | 3.07 | 3.16 | 3.03 | 3.09 | 3.19 | 3.28 | 3.13 | 3.19 | 3.29 | 3.39 |
| | | /anos | 9.8 | 10.0 | 10.1 | 10.3 | 10.2 | 10.4 | 10.6 | 10.8 | 10.7 | 10.9 | 11.1 | 11.3 | 11.1 | 11.3 | 11.5 | 11.8 | 11.5 | 11.7 | 12.0 | 12.2 | 12.0 | 12.1 | 12.4 | 12.7 |
| | | Hi PR | 187 | 201 | 212 | 221 | 210 | 226 | 238 | 249 | 238 | 257 | 271 | 283 | 272 | 292 | 309 | 322 | 306 | 329 | 347 | 362 | 338 | 363 | 384 | 400 |
| | | Lo PR | 97 | 103 | 113 | 120 | 103 | 109 | 119 | 127 | 107 | 113 | 124 | 132 | 112 | 119 | 130 | 138 | 117 | 125 | 136 | 145 | 121 | 129 | 141 | 150 |
| | | MBh | 31.1 | 31.7 | 33.2 | 35.4 | 30.3 | 30.9 | 32.4 | 34.6 | 29.6 | 30.2 | 31.6 | 33.7 | 28.9 | 29.5 | 30.9 | 32.9 | 27.5 | 28.0 | 29.3 | 31.3 | 25.4 | 25.9 | 27.2 | 29.0 |
| | | S/T | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.93 | 0.75 |
| | | Δ T | 25 | 25 | 24 | 20 | 26 | 25 | 24 | 21 | 26 | 25 | 24 | 21 | 25 | 25 | 24 | 21 | 24 | 25 | 24 | 20 | 22 | 23 | 22 | 19 |
| | **1050** | kW | 2.42 | 2.47 | 2.54 | 2.61 | 2.59 | 2.64 | 2.71 | 2.79 | 2.73 | 2.78 | 2.86 | 2.95 | 2.86 | 2.91 | 3.00 | 3.09 | 2.96 | 3.02 | 3.11 | 3.21 | 3.06 | 3.12 | 3.21 | 3.31 |
| | | /anos | 9.7 | 9.8 | 10.0 | 10.2 | 10.1 | 10.2 | 10.4 | 10.6 | 10.6 | 10.7 | 10.9 | 11.1 | 11.0 | 11.1 | 11.3 | 11.6 | 11.4 | 11.5 | 11.7 | 12.0 | 11.8 | 11.9 | 12.2 | 12.5 |
| | | Hi PR | 181 | 195 | 206 | 215 | 203 | 219 | 231 | 241 | 231 | 249 | 263 | 274 | 263 | 284 | 299 | 312 | 296 | 319 | 337 | 351 | 327 | 352 | 372 | 388 |
| | | Lo PR | 94 | 100 | 109 | 116 | 99 | 106 | 115 | 123 | 103 | 110 | 120 | 128 | 109 | 115 | 126 | 134 | 114 | 121 | 132 | 141 | 118 | 125 | 137 | 146 |

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

Shaded area reflects AHRI conditions
kW = Total system power

Amps = outdoor unit amps (comp.+fan)
Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

# Expanded Cooling Data — GSX130421B* / CA*F3642*6B*

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | Airflow | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 1225 | MBh | 36.0 | 37.3 | 40.9 | - | 35.2 | 36.4 | 39.9 | - | 34.3 | 35.6 | 39.0 | - | 33.5 | 34.7 | 38.0 | - | 31.8 | 33.0 | 36.1 | - | 29.5 | 30.5 | 33.5 | - |
| | | S/T | 0.69 | 0.57 | 0.40 | - | 0.71 | 0.59 | 0.41 | - | 0.73 | 0.61 | 0.42 | - | 0.75 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.79 | 0.66 | 0.46 | - |
| | | Δ T | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 17 | 15 | 11 | - |
| | | kW | 2.78 | 2.84 | 2.92 | - | 2.98 | 3.04 | 3.13 | - | 3.15 | 3.21 | 3.31 | - | 3.30 | 3.37 | 3.47 | - | 3.43 | 3.50 | 3.61 | - | 3.54 | 3.61 | 3.73 | - |
| | | Amps | 10.7 | 10.9 | 11.2 | - | 11.5 | 11.8 | 12.1 | - | 12.5 | 12.7 | 13.2 | - | 13.3 | 13.6 | 14.0 | - | 14.1 | 14.5 | 14.9 | - | 14.9 | 15.3 | 15.8 | - |
| | | Hi PR | 209 | 225 | 238 | - | 235 | 253 | 267 | - | 267 | 288 | 304 | - | 304 | 328 | 346 | - | 343 | 369 | 389 | - | 378 | 407 | 430 | - |
| | | Lo PR | 101 | 107 | 117 | - | 106 | 113 | 124 | - | 111 | 118 | 129 | - | 116 | 124 | 135 | - | 122 | 130 | 141 | - | 126 | 134 | 146 | - |
| | 1400 | MBh | 39.0 | 40.4 | 44.3 | - | 38.1 | 39.5 | 43.3 | - | 37.2 | 38.5 | 42.2 | - | 36.3 | 37.6 | 41.2 | - | 34.5 | 35.7 | 39.1 | - | 31.9 | 33.1 | 36.3 | - |
| | | S/T | 0.71 | 0.59 | 0.41 | - | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.68 | 0.47 | - | 0.82 | 0.68 | 0.47 | - |
| | | Δ T | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 19 | 16 | 12 | - | 18 | 16 | 12 | - | 17 | 15 | 11 | - |
| | | kW | 2.84 | 2.90 | 2.98 | - | 3.05 | 3.11 | 3.20 | - | 3.22 | 3.29 | 3.39 | - | 3.38 | 3.45 | 3.55 | - | 3.51 | 3.58 | 3.70 | - | 3.63 | 3.70 | 3.82 | - |
| | | Amps | 10.9 | 11.2 | 11.6 | - | 11.8 | 12.1 | 12.5 | - | 12.8 | 13.1 | 13.5 | - | 13.7 | 14.0 | 14.4 | - | 14.5 | 14.9 | 15.3 | - | 15.4 | 15.7 | 16.2 | - |
| | | Hi PR | 216 | 232 | 245 | - | 242 | 261 | 275 | - | 276 | 297 | 313 | - | 314 | 338 | 357 | - | 353 | 380 | 401 | - | 390 | 420 | 443 | - |
| | | Lo PR | 104 | 111 | 121 | - | 110 | 117 | 127 | - | 114 | 121 | 132 | - | 120 | 127 | 139 | - | 126 | 134 | 146 | - | 130 | 138 | 151 | - |
| | 1575 | MBh | 40.2 | 41.6 | 45.6 | - | 39.2 | 40.7 | 44.6 | - | 38.3 | 39.7 | 43.5 | - | 37.4 | 38.7 | 42.4 | - | 35.5 | 36.8 | 40.3 | - | 32.9 | 34.1 | 37.3 | - |
| | | S/T | 0.75 | 0.62 | 0.43 | - | 0.77 | 0.65 | 0.45 | - | 0.79 | 0.66 | 0.46 | - | 0.82 | 0.68 | 0.47 | - | 0.85 | 0.71 | 0.49 | - | 0.86 | 0.72 | 0.50 | - |
| | | Δ T | 18 | 15 | 11 | - | 18 | 15 | 12 | - | 18 | 15 | 12 | - | 18 | 15 | 12 | - | 18 | 15 | 12 | - | 16 | 14 | 11 | - |
| | | kW | 2.87 | 2.92 | 3.01 | - | 3.07 | 3.13 | 3.22 | - | 3.25 | 3.31 | 3.41 | - | 3.41 | 3.48 | 3.58 | - | 3.54 | 3.61 | 3.73 | - | 3.66 | 3.73 | 3.85 | - |
| | | Amps | 11.0 | 11.3 | 11.7 | - | 11.9 | 12.2 | 12.6 | - | 12.9 | 13.2 | 13.6 | - | 13.8 | 14.1 | 14.6 | - | 14.6 | 15.0 | 15.5 | - | 15.5 | 15.9 | 16.4 | - |
| | | Hi PR | 218 | 235 | 248 | - | 245 | 263 | 278 | - | 278 | 300 | 316 | - | 317 | 341 | 360 | - | 357 | 384 | 405 | - | 394 | 424 | 448 | - |
| | | Lo PR | 105 | 112 | 122 | - | 111 | 118 | 129 | - | 115 | 123 | 134 | - | 121 | 129 | 141 | - | 127 | 135 | 147 | - | 131 | 140 | 152 | - |
| 75 | 1225 | MBh | 36.6 | 37.7 | 40.8 | 43.8 | 35.8 | 36.8 | 39.9 | 42.8 | 34.9 | 35.9 | 38.9 | 41.8 | 34.1 | **35.1** | 38.0 | 40.7 | 32.4 | 33.3 | 36.1 | 38.7 | 30.0 | 30.9 | 33.4 | 35.8 |
| | | S/T | 0.78 | 0.70 | 0.53 | 0.34 | 0.81 | 0.72 | 0.55 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | **0.77** | 0.58 | 0.37 | 0.89 | 0.79 | 0.60 | 0.39 | 0.90 | 0.80 | 0.61 | 0.39 |
| | | Δ T | 21 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | **20** | 17 | 11 | 22 | 20 | 16 | 11 | 20 | 19 | 15 | 10 |
| | | kW | 2.80 | 2.86 | 2.94 | 3.03 | 3.00 | 3.06 | 3.15 | 3.24 | 3.17 | 3.24 | 3.33 | 3.44 | 3.33 | **3.39** | 3.50 | 3.61 | 3.46 | 3.53 | 3.64 | 3.75 | 3.57 | 3.64 | 3.76 | 3.88 |
| | | Amps | 10.8 | 11.0 | 11.3 | 11.8 | 11.6 | 11.9 | 12.2 | 12.7 | 12.6 | 12.9 | 13.3 | 13.8 | 13.4 | **13.7** | 14.2 | 14.7 | 14.2 | 14.6 | 15.1 | 15.6 | 15.1 | 15.4 | 15.9 | 16.5 |
| | | Hi PR | 212 | 228 | 240 | 251 | 237 | 256 | 270 | 281 | 270 | 291 | 307 | 320 | 308 | **331** | 350 | 365 | 346 | 372 | 393 | 410 | 382 | 411 | 434 | 453 |
| | | Lo PR | 102 | 108 | 118 | 126 | 108 | 114 | 125 | 133 | 112 | 119 | 130 | 138 | 117 | **125** | 136 | 145 | 123 | 131 | 143 | 152 | 127 | 135 | 148 | 157 |
| | 1400 | MBh | 39.7 | 40.8 | 44.2 | 47.4 | 38.7 | 39.9 | 43.2 | 46.3 | 37.8 | 38.9 | 42.2 | 45.2 | 36.9 | **38.0** | 41.1 | 44.1 | 35.1 | 36.1 | 39.1 | 41.9 | 32.5 | 33.4 | 36.2 | 38.8 |
| | | S/T | 0.81 | 0.72 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.37 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | **0.79** | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.93 | 0.83 | 0.63 | 0.40 |
| | | Δ T | 21 | 19 | 16 | 11 | 21 | 20 | 16 | 11 | 21 | 20 | 16 | 11 | 22 | **20** | 16 | 11 | 21 | 20 | 16 | 11 | 20 | 18 | 15 | 10 |
| | | kW | 2.87 | 2.92 | 3.01 | 3.10 | 3.07 | 3.13 | 3.22 | 3.32 | 3.25 | 3.31 | 3.41 | 3.52 | 3.41 | **3.48** | 3.58 | 3.70 | 3.54 | 3.61 | 3.73 | 3.84 | 3.66 | 3.73 | 3.85 | 3.97 |
| | | Amps | 11.0 | 11.3 | 11.7 | 12.1 | 11.9 | 12.2 | 12.6 | 13.0 | 12.9 | 13.2 | 13.6 | 14.1 | 13.8 | **14.1** | 14.6 | 15.1 | 14.6 | 15.0 | 15.5 | 16.1 | 15.5 | 15.9 | 16.4 | 17.0 |
| | | Hi PR | 218 | 235 | 248 | 259 | 245 | 263 | 278 | 290 | 278 | 300 | 316 | 330 | 317 | **341** | 360 | 376 | 357 | 384 | 405 | 423 | 394 | 424 | 448 | 467 |
| | | Lo PR | 105 | 112 | 122 | 130 | 111 | 118 | 129 | 137 | 115 | 123 | 134 | 143 | 121 | **129** | 141 | 150 | 127 | 135 | 147 | 157 | 131 | 140 | 152 | 162 |
| | 1575 | MBh | 40.9 | 42.1 | 45.5 | 48.9 | 39.9 | 41.1 | 44.5 | 47.7 | 39.0 | 40.1 | 43.4 | 46.6 | 38.0 | **39.1** | 42.4 | 45.5 | 36.1 | 37.2 | 40.2 | 43.2 | 33.4 | 34.4 | 37.3 | 40.0 |
| | | S/T | 0.85 | 0.76 | 0.57 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.93 | **0.83** | 0.63 | 0.41 | 0.97 | 0.86 | 0.65 | 0.42 | 0.97 | 0.87 | 0.66 | 0.42 |
| | | Δ T | 20 | 19 | 15 | 11 | 20 | 19 | 15 | 11 | 21 | 19 | 15 | 11 | 21 | **19** | 16 | 11 | 20 | 19 | 15 | 11 | 19 | 18 | 14 | 10 |
| | | kW | 2.89 | 2.94 | 3.03 | 3.12 | 3.09 | 3.15 | 3.25 | 3.35 | 3.27 | 3.34 | 3.44 | 3.55 | 3.43 | **3.50** | 3.61 | 3.72 | 3.57 | 3.64 | 3.76 | 3.87 | 3.68 | 3.76 | 3.88 | 4.00 |
| | | Amps | 11.1 | 11.4 | 11.8 | 12.2 | 12.0 | 12.3 | 12.7 | 13.2 | 13.0 | 13.3 | 13.8 | 14.3 | 13.9 | **14.2** | 14.7 | 15.2 | 14.8 | 15.1 | 15.6 | 16.2 | 15.6 | 16.0 | 16.5 | 17.2 |
| | | Hi PR | 220 | 237 | 250 | 261 | 247 | 266 | 281 | 293 | 281 | 303 | 320 | 333 | 320 | **345** | 364 | 380 | 360 | 388 | 409 | 427 | 398 | 428 | 452 | 472 |
| | | Lo PR | 106 | 113 | 123 | 131 | 112 | 119 | 130 | 139 | 116 | 124 | 135 | 144 | 122 | **130** | 142 | 151 | 128 | 136 | 149 | 158 | 133 | 141 | 154 | 164 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

# Expanded Cooling Data — GSX130421B* / CA*F3642*6B* (cont.)

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | Airflow | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | 1225 | MBh | 37.3 | 38.1 | 40.7 | 43.5 | 36.4 | 37.2 | 39.7 | 42.5 | 35.5 | 36.3 | 38.8 | 41.5 | 34.7 | 35.4 | 37.8 | 40.5 | 32.9 | 33.6 | 36.0 | 38.4 | 30.5 | 31.2 | 33.3 | 35.6 |
| | | S/T | 0.86 | 0.80 | 0.65 | 0.49 | 0.89 | 0.83 | 0.68 | 0.51 | 0.91 | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.56 | 0.98 | 0.92 | 0.75 | 0.56 |
| | | Δ T | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 22 | 22 | 19 | 15 |
| | | kW | 2.82 | 2.88 | 2.96 | 3.05 | 3.02 | 3.08 | 3.17 | 3.27 | 3.20 | 3.26 | 3.36 | 3.46 | 3.35 | 3.42 | 3.53 | 3.64 | 3.48 | 3.56 | 3.67 | 3.78 | 3.60 | 3.67 | 3.79 | 3.91 |
| | | Amps | 10.8 | 11.1 | 11.4 | 11.9 | 11.7 | 12.0 | 12.4 | 12.8 | 12.7 | 13.0 | 13.4 | 13.9 | 13.5 | 13.8 | 14.3 | 14.8 | 14.4 | 14.7 | 15.2 | 15.8 | 15.2 | 15.6 | 16.1 | 16.7 |
| | | Hi PR | 214 | 230 | 243 | 253 | 240 | 258 | 273 | 284 | 273 | 294 | 310 | 323 | 311 | 334 | 353 | 368 | 350 | 376 | 397 | 414 | 386 | 416 | 439 | 458 |
| | | Lo PR | 103 | 109 | 119 | 127 | 109 | 116 | 126 | 134 | 113 | 120 | 131 | 140 | 119 | 126 | 138 | 147 | 124 | 132 | 144 | 154 | 129 | 137 | 149 | 159 |
| | 1400 | MBh | 40.4 | 41.3 | 44.1 | 47.1 | 39.4 | 40.3 | 43.1 | 46.0 | 38.5 | 39.3 | 42.0 | 44.9 | 37.6 | 38.4 | **41.0** | 43.8 | 35.7 | 36.5 | 39.0 | 41.6 | 33.0 | 33.8 | 36.1 | 38.6 |
| | | S/T | 0.89 | 0.83 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | **0.74** | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 0.96 | 0.78 | 0.58 |
| | | Δ T | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | **20** | 16 | 23 | 23 | 20 | 16 | 22 | 21 | 18 | 15 |
| | | kW | 2.89 | 2.94 | 3.03 | 3.12 | 3.09 | 3.15 | 3.25 | 3.35 | 3.27 | 3.34 | 3.44 | 3.55 | 3.43 | 3.50 | **3.61** | 3.72 | 3.57 | 3.64 | 3.76 | 3.88 | 3.68 | 3.76 | 3.88 | 4.01 |
| | | Amps | 11.1 | 11.4 | 11.8 | 12.2 | 12.0 | 12.3 | 12.7 | 13.2 | 13.0 | 13.3 | 13.8 | 14.3 | 13.9 | 14.2 | **14.7** | 15.2 | 14.8 | 15.1 | 15.6 | 16.2 | 15.6 | 16.0 | 16.5 | 17.2 |
| | | Hi PR | 220 | 237 | 250 | 261 | 247 | 266 | 281 | 293 | 281 | 303 | 320 | 333 | 320 | 345 | **364** | 380 | 360 | 388 | 410 | 427 | 398 | 428 | 452 | 472 |
| | | Lo PR | 106 | 113 | 123 | 131 | 112 | 119 | 130 | 139 | 116 | 124 | 135 | 144 | 122 | 130 | **142** | 151 | 128 | 136 | 149 | 158 | 133 | 141 | 154 | 164 |
| | 1575 | MBh | 41.6 | 42.5 | 45.4 | 48.5 | 40.6 | 41.5 | 44.3 | 47.4 | 39.6 | 40.5 | 43.3 | 46.3 | 38.7 | 39.5 | 42.2 | 45.1 | 36.7 | 37.6 | 40.1 | 42.9 | 34.0 | 34.8 | 37.2 | 39.7 |
| | | S/T | 0.93 | 0.87 | 0.71 | 0.53 | 0.96 | 0.90 | 0.74 | 0.55 | 1.00 | 0.93 | 0.75 | 0.56 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 1.00 | 0.81 | 0.60 | 1.00 | 1.00 | 0.82 | 0.61 |
| | | Δ T | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 21 | 22 | 19 | 15 | 20 | 20 | 18 | 14 |
| | | kW | 2.91 | 2.96 | 3.05 | 3.14 | 3.11 | 3.18 | 3.27 | 3.37 | 3.30 | 3.36 | 3.47 | 3.58 | 3.46 | 3.53 | 3.64 | 3.75 | 3.60 | 3.67 | 3.79 | 3.91 | 3.71 | 3.79 | 3.91 | 4.04 |
| | | Amps | 11.2 | 11.5 | 11.9 | 12.3 | 12.1 | 12.4 | 12.8 | 13.3 | 13.1 | 13.5 | 13.9 | 14.4 | 14.0 | 14.4 | 14.8 | 15.4 | 14.9 | 15.3 | 15.8 | 16.4 | 15.8 | 16.2 | 16.7 | 17.3 |
| | | Hi PR | 223 | 240 | 253 | 264 | 250 | 269 | 284 | 296 | 284 | 306 | 323 | 337 | 324 | 348 | 368 | 383 | 364 | 392 | 414 | 431 | 402 | 433 | 457 | 477 |
| | | Lo PR | 107 | 114 | 124 | 132 | 113 | 120 | 131 | 140 | 118 | 125 | 137 | 145 | 123 | 131 | 143 | 153 | 129 | 138 | 150 | 160 | 134 | 142 | 155 | 166 |
| 85 | 1225 | MBh | 37.9 | 38.6 | 40.5 | 43.2 | 37.0 | 37.7 | 39.5 | 42.2 | 36.2 | 36.9 | 38.6 | 41.2 | 35.3 | 36.0 | 37.7 | 40.2 | 33.5 | 34.2 | 35.8 | 38.2 | 31.0 | 31.6 | 33.1 | 35.4 |
| | | S/T | 0.90 | 0.87 | 0.78 | 0.63 | 0.93 | 0.90 | 0.81 | 0.66 | 0.95 | 0.92 | 0.83 | 0.67 | 0.98 | 0.95 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 0.99 | 0.90 | 0.73 |
| | | Δ T | 26 | 25 | 24 | 21 | 26 | 25 | 24 | 21 | 26 | 25 | 24 | 21 | 26 | 26 | 24 | 21 | 25 | 25 | 24 | 21 | 23 | 24 | 22 | 19 |
| | | kW | 2.84 | 2.90 | 2.98 | 3.07 | 3.04 | 3.11 | 3.20 | 3.29 | 3.22 | 3.29 | 3.39 | 3.49 | 3.38 | 3.45 | 3.55 | 3.66 | 3.51 | 3.58 | 3.70 | 3.81 | 3.63 | 3.70 | 3.82 | 3.94 |
| | | Amps | 10.9 | 11.2 | 11.6 | 12.0 | 11.8 | 12.1 | 12.5 | 12.9 | 12.8 | 13.1 | 13.5 | 14.0 | 13.6 | 14.0 | 14.4 | 15.0 | 14.5 | 14.9 | 15.3 | 15.9 | 15.4 | 15.7 | 16.2 | 16.8 |
| | | Hi PR | 216 | 232 | 245 | 256 | 242 | 261 | 275 | 287 | 276 | 297 | 313 | 327 | 314 | 338 | 357 | 372 | 353 | 380 | 401 | 418 | 390 | 420 | 443 | 462 |
| | | Lo PR | 104 | 110 | 121 | 128 | 110 | 117 | 127 | 136 | 114 | 121 | 132 | 141 | 120 | 127 | 139 | 148 | 126 | 134 | 146 | 155 | 130 | 138 | 151 | 161 |
| | 1400 | MBh | 41.1 | 41.9 | 43.9 | 46.8 | 40.1 | 40.9 | 42.8 | 45.7 | 39.2 | 39.9 | 41.8 | 44.6 | 38.2 | 39.0 | 40.8 | 43.5 | 36.3 | 37.0 | 38.8 | 41.3 | 33.6 | 34.3 | 35.9 | 38.3 |
| | | S/T | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.93 | 0.75 |
| | | Δ T | 25 | 25 | 23 | 20 | 25 | 25 | 24 | 20 | 25 | 25 | 24 | 20 | 25 | 25 | 24 | 21 | 24 | 24 | 23 | 20 | 22 | 23 | 22 | 19 |
| | | kW | 2.91 | 2.96 | 3.05 | 3.14 | 3.11 | 3.18 | 3.27 | 3.37 | 3.30 | 3.36 | 3.47 | 3.58 | 3.46 | 3.53 | 3.64 | 3.75 | 3.60 | 3.67 | 3.79 | 3.91 | 3.71 | 3.79 | 3.91 | 4.04 |
| | | Amps | 11.2 | 11.5 | 11.9 | 12.3 | 12.1 | 12.4 | 12.8 | 13.3 | 13.1 | 13.5 | 13.9 | 14.4 | 14.0 | 14.4 | 14.8 | 15.4 | 14.9 | 15.3 | 15.8 | 16.4 | 15.8 | 16.2 | 16.7 | 17.3 |
| | | Hi PR | 223 | 240 | 253 | 264 | 250 | 269 | 284 | 296 | 284 | 306 | 323 | 337 | 324 | 348 | 368 | 383 | 364 | 392 | 414 | 431 | 402 | 433 | 457 | 477 |
| | | Lo PR | 107 | 114 | 124 | 132 | 113 | 120 | 131 | 140 | 118 | 125 | 137 | 145 | 123 | 131 | 143 | 153 | 129 | 138 | 150 | 160 | 134 | 142 | 155 | 166 |
| | 1575 | MBh | 42.3 | 43.1 | 45.2 | 48.2 | 41.3 | 42.1 | 44.1 | 47.1 | 40.3 | 41.1 | 43.1 | 45.9 | 39.4 | 40.1 | 42.0 | 44.8 | 37.4 | 38.1 | 39.9 | 42.6 | 34.6 | 35.3 | 37.0 | 39.4 |
| | | S/T | 0.98 | 0.94 | 0.85 | 0.69 | 1.00 | 0.98 | 0.88 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.76 | 1.00 | 1.00 | 0.97 | 0.78 | 1.00 | 1.00 | 0.98 | 0.79 |
| | | Δ T | 24 | 24 | 22 | 19 | 24 | 24 | 23 | 20 | 24 | 24 | 23 | 20 | 23 | 23 | 23 | 20 | 22 | 22 | 23 | 20 | 20 | 21 | 21 | 18 |
| | | kW | 2.93 | 2.99 | 3.07 | 3.17 | 3.14 | 3.20 | 3.30 | 3.40 | 3.32 | 3.39 | 3.49 | 3.60 | 3.49 | 3.56 | 3.67 | 3.78 | 3.62 | 3.70 | 3.82 | 3.94 | 3.74 | 3.82 | 3.94 | 4.07 |
| | | Amps | 11.3 | 11.6 | 12.0 | 12.4 | 12.2 | 12.5 | 12.9 | 13.4 | 13.3 | 13.6 | 14.0 | 14.5 | 14.2 | 14.5 | 15.0 | 15.5 | 15.0 | 15.4 | 15.9 | 16.5 | 15.9 | 16.3 | 16.9 | 17.5 |
| | | Hi PR | 225 | 242 | 255 | 266 | 252 | 271 | 287 | 299 | 287 | 309 | 326 | 340 | 327 | 352 | 371 | 387 | 368 | 396 | 418 | 436 | 406 | 437 | 462 | 481 |
| | | Lo PR | 108 | 115 | 126 | 134 | 114 | 122 | 133 | 141 | 119 | 126 | 138 | 147 | 125 | 133 | 145 | 154 | 131 | 139 | 152 | 162 | 135 | 144 | 157 | 167 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | Airflow | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 1400 | MBh | 40.4 | 41.9 | 45.9 | - | 39.5 | 40.9 | 44.8 | - | 38.5 | 39.9 | 43.7 | - | 37.6 | 38.9 | 42.7 | - | 35.7 | 37.0 | 40.5 | - | 33.1 | 34.3 | 37.5 | - |
| | | S/T | 0.71 | 0.59 | 0.41 | - | 0.73 | 0.61 | 0.42 | - | 0.75 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.67 | 0.47 | - | 0.81 | 0.68 | 0.47 | - |
| | | Δ T | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 13 | - | 19 | 17 | 13 | - | 19 | 16 | 12 | - | 18 | 15 | 12 | - |
| | | kW | 3.17 | 3.23 | 3.32 | - | 3.39 | 3.46 | 3.56 | - | 3.59 | 3.66 | 3.77 | - | 3.77 | 3.84 | 3.96 | - | 3.91 | 4.00 | 4.12 | - | 4.04 | 4.13 | 4.26 | - |
| | | Amps | 11.6 | 11.9 | 12.3 | - | 12.6 | 12.9 | 13.3 | - | 13.7 | 14.0 | 14.5 | - | 14.6 | 15.0 | 15.5 | - | 15.5 | 15.9 | 16.5 | - | 16.5 | 16.9 | 17.4 | - |
| | | Hi PR | 215 | 231 | 244 | - | 241 | 259 | 274 | - | 274 | 295 | 311 | - | 312 | 336 | 354 | - | 351 | 377 | 399 | - | 388 | 417 | 440 | - |
| | | Lo PR | 104 | 111 | 121 | - | 110 | 117 | 128 | - | 115 | 122 | 133 | - | 120 | 128 | 140 | - | 126 | 134 | 146 | - | 130 | 139 | 151 | - |
| | 1600 | MBh | 43.8 | 45.4 | 49.7 | - | 42.7 | 44.3 | 48.5 | - | 41.7 | 43.2 | 47.4 | - | 40.7 | 42.2 | 46.2 | - | 38.7 | 40.1 | 43.9 | - | 35.8 | 37.1 | 40.7 | - |
| | | S/T | 0.73 | 0.61 | 0.43 | - | 0.76 | 0.64 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.67 | 0.47 | - | 0.84 | 0.70 | 0.48 | - | 0.84 | 0.70 | 0.49 | - |
| | | Δ T | 18 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 17 | 15 | 11 | - |
| | | kW | 3.24 | 3.30 | 3.40 | - | 3.47 | 3.54 | 3.65 | - | 3.67 | 3.75 | 3.87 | - | 3.86 | 3.94 | 4.06 | - | 4.01 | 4.09 | 4.22 | - | 4.14 | 4.23 | 4.36 | - |
| | | Amps | 12.0 | 12.3 | 12.7 | - | 12.9 | 13.2 | 13.7 | - | 14.1 | 14.4 | 14.9 | - | 15.0 | 15.4 | 15.9 | - | 16.0 | 16.4 | 16.9 | - | 16.9 | 17.4 | 17.9 | - |
| | | Hi PR | 221 | 238 | 251 | - | 248 | 267 | 282 | - | 282 | 304 | 321 | - | 321 | 346 | 365 | - | 362 | 389 | 411 | - | 400 | 430 | 454 | - |
| | | Lo PR | 108 | 114 | 125 | - | 114 | 121 | 132 | - | 118 | 126 | 137 | - | 124 | 132 | 144 | - | 130 | 138 | 151 | - | 134 | 143 | 156 | - |
| | 1800 | MBh | 45.1 | 46.7 | 51.2 | - | 44.0 | 45.6 | 50.0 | - | 43.0 | 44.5 | 48.8 | - | 41.9 | 43.5 | 47.6 | - | 39.8 | 41.3 | 45.2 | - | 36.9 | 38.2 | 41.9 | - |
| | | S/T | 0.77 | 0.64 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.82 | 0.68 | 0.47 | - | 0.85 | 0.71 | 0.49 | - | 0.88 | 0.73 | 0.51 | - | 0.88 | 0.74 | 0.51 | - |
| | | Δ T | 18 | 15 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 15 | 12 | - | 17 | 14 | 11 | - |
| | | kW | 3.26 | 3.33 | 3.42 | - | 3.50 | 3.57 | 3.67 | - | 3.70 | 3.78 | 3.90 | - | 3.89 | 3.97 | 4.09 | - | 4.04 | 4.13 | 4.26 | - | 4.18 | 4.26 | 4.40 | - |
| | | Amps | 12.1 | 12.4 | 12.8 | - | 13.0 | 13.4 | 13.8 | - | 14.2 | 14.5 | 15.0 | - | 15.2 | 15.5 | 16.0 | - | 16.1 | 16.5 | 17.1 | - | 17.1 | 17.5 | 18.1 | - |
| | | Hi PR | 223 | 240 | 254 | - | 251 | 270 | 285 | - | 285 | 307 | 324 | - | 325 | 349 | 369 | - | 365 | 393 | 415 | - | 404 | 434 | 459 | - |
| | | Lo PR | 109 | 116 | 126 | - | 115 | 122 | 133 | - | 119 | 127 | 139 | - | 125 | 133 | 146 | - | 131 | 140 | 152 | - | 136 | 144 | 158 | - |
| 75 | 1400 | MBh | 41.1 | 42.3 | 45.8 | 49.1 | 40.1 | 41.3 | 44.7 | 48.0 | 39.2 | 40.3 | 43.7 | 46.8 | 38.2 | **39.3** | 42.6 | 45.7 | 36.3 | 37.4 | 40.5 | 43.4 | 33.6 | 34.6 | 37.5 | 40.2 |
| | | S/T | 0.81 | 0.72 | 0.55 | 0.35 | 0.83 | 0.75 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.88 | **0.79** | 0.60 | 0.38 | 0.92 | 0.82 | 0.62 | 0.40 | 0.92 | 0.83 | 0.63 | 0.40 |
| | | Δ T | 22 | 20 | 16 | 11 | 22 | 20 | 17 | 11 | 22 | 20 | 17 | 11 | 22 | **20** | 17 | 12 | 22 | 20 | 16 | 11 | 20 | 19 | 15 | 11 |
| | | kW | 3.19 | 3.25 | 3.35 | 3.45 | 3.42 | 3.49 | 3.59 | 3.70 | 3.62 | 3.69 | 3.80 | 3.92 | 3.79 | **3.87** | 3.99 | 4.12 | 3.95 | 4.03 | 4.15 | 4.29 | 4.08 | 4.16 | 4.29 | 4.43 |
| | | Amps | 11.7 | 12.0 | 12.4 | 12.9 | 12.7 | 13.0 | 13.4 | 13.9 | 13.8 | 14.1 | 14.6 | 15.1 | 14.7 | **15.1** | 15.6 | 16.2 | 15.7 | 16.1 | 16.6 | 17.2 | 16.6 | 17.0 | 17.6 | 18.3 |
| | | Hi PR | 217 | 233 | 246 | 257 | 243 | 262 | 276 | 288 | 277 | 298 | 314 | 328 | 315 | **339** | 358 | 373 | 354 | 381 | 403 | 420 | 391 | 421 | 445 | 464 |
| | | Lo PR | 105 | 112 | 122 | 130 | 111 | 118 | 129 | 138 | 116 | 123 | 134 | 143 | 122 | **129** | 141 | 150 | 127 | 136 | 148 | 158 | 132 | 140 | 153 | 163 |
| | 1600 | MBh | 44.5 | 45.8 | 49.6 | 53.2 | 43.5 | 44.8 | 48.4 | 52.0 | 42.4 | 43.7 | 47.3 | 50.8 | 41.4 | **42.6** | 46.1 | 49.5 | 39.3 | 40.5 | 43.8 | 47.0 | 36.4 | 37.5 | 40.6 | 43.6 |
| | | S/T | 0.84 | 0.75 | 0.57 | 0.36 | 0.87 | 0.77 | 0.59 | 0.38 | 0.89 | 0.79 | 0.60 | 0.39 | 0.92 | **0.82** | 0.62 | 0.40 | 0.95 | 0.85 | 0.64 | 0.41 | 0.96 | 0.86 | 0.65 | 0.42 |
| | | Δ T | 21 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | **20** | 16 | 11 | 21 | 20 | 16 | 11 | 20 | 18 | 15 | 10 |
| | | kW | 3.26 | 3.33 | 3.42 | 3.53 | 3.50 | 3.57 | 3.68 | 3.79 | 3.70 | 3.78 | 3.90 | 4.02 | 3.89 | **3.97** | 4.09 | 4.22 | 4.04 | 4.13 | 4.26 | 4.39 | 4.18 | 4.26 | 4.40 | 4.54 |
| | | Amps | 12.1 | 12.4 | 12.8 | 13.2 | 13.1 | 13.4 | 13.8 | 14.3 | 14.2 | 14.5 | 15.0 | 15.6 | 15.2 | **15.5** | 16.1 | 16.7 | 16.1 | 16.5 | 17.1 | 17.7 | 17.1 | 17.5 | 18.1 | 18.8 |
| | | Hi PR | 223 | 240 | 254 | 265 | 251 | 270 | 285 | 297 | 285 | 307 | 324 | 338 | 325 | **349** | 369 | 385 | 365 | 393 | 415 | 433 | 404 | 434 | 459 | 478 |
| | | Lo PR | 109 | 116 | 126 | 134 | 115 | 122 | 133 | 142 | 119 | 127 | 139 | 148 | 125 | **133** | 146 | 155 | 131 | 140 | 153 | 162 | 136 | 145 | 158 | 168 |
| | 1800 | MBh | 45.8 | 47.2 | 51.1 | 54.8 | 44.8 | 46.1 | 49.9 | 53.6 | 43.7 | 45.0 | 48.7 | 52.3 | 42.6 | **43.9** | 47.5 | 51.0 | 40.5 | 41.7 | 45.1 | 48.5 | 37.5 | 38.6 | 41.8 | 44.9 |
| | | S/T | 0.88 | 0.78 | 0.59 | 0.38 | 0.91 | 0.81 | 0.61 | 0.40 | 0.93 | 0.83 | 0.63 | 0.41 | 0.96 | **0.86** | 0.65 | 0.42 | 1.00 | 0.89 | 0.67 | 0.43 | 1.00 | 0.90 | 0.68 | 0.44 |
| | | Δ T | 21 | 19 | 15 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | **19** | 16 | 11 | 21 | 19 | 16 | 11 | 19 | 18 | 15 | 10 |
| | | kW | 3.29 | 3.35 | 3.45 | 3.55 | 3.52 | 3.59 | 3.70 | 3.82 | 3.73 | 3.81 | 3.93 | 4.05 | 3.92 | **4.00** | 4.12 | 4.26 | 4.07 | 4.16 | 4.29 | 4.43 | 4.21 | 4.30 | 4.44 | 4.58 |
| | | Amps | 12.2 | 12.5 | 12.9 | 13.4 | 13.2 | 13.5 | 13.9 | 14.5 | 14.3 | 14.7 | 15.1 | 15.7 | 15.3 | **15.7** | 16.2 | 16.8 | 16.3 | 16.7 | 17.2 | 17.9 | 17.3 | 17.7 | 18.3 | 19.0 |
| | | Hi PR | 226 | 243 | 256 | 267 | 253 | 272 | 288 | 300 | 288 | 310 | 327 | 341 | 328 | **353** | 373 | 389 | 369 | 397 | 419 | 437 | 408 | 439 | 463 | 483 |
| | | Lo PR | 110 | 117 | 127 | 136 | 116 | 123 | 135 | 143 | 120 | 128 | 140 | 149 | 127 | **135** | 147 | 157 | 133 | 141 | 154 | 164 | 137 | 146 | 159 | 170 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | AIRFLOW | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | 1400 | MBh | 41.8 | 42.7 | 45.6 | 48.8 | 40.8 | 41.7 | 44.6 | 47.7 | 39.9 | 40.7 | 43.5 | 46.5 | 38.9 | 39.7 | 42.5 | 45.4 | 36.9 | 37.8 | 40.3 | 43.1 | 34.2 | 35.0 | 37.4 | 39.9 |
| | | S/T | 0.88 | 0.83 | 0.67 | 0.50 | 0.92 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.01 | 0.94 | 0.77 | 0.57 | 1.01 | 0.95 | 0.77 | 0.58 |
| | | Δ T | 24 | 23 | 20 | 16 | 25 | 24 | 20 | 16 | 25 | 24 | 20 | 16 | 25 | 24 | 21 | 16 | 24 | 23 | 20 | 16 | 23 | 22 | 19 | 15 |
| | | kW | 3.21 | 3.28 | 3.37 | 3.47 | 3.44 | 3.51 | 3.62 | 3.73 | 3.65 | 3.72 | 3.83 | 3.95 | 3.82 | 3.90 | 4.03 | 4.15 | 3.98 | 4.06 | 4.19 | 4.32 | 4.11 | 4.20 | 4.33 | 4.47 |
| | | Amps | 11.9 | 12.1 | 12.5 | 13.0 | 12.8 | 13.1 | 13.6 | 14.1 | 13.9 | 14.3 | 14.7 | 15.3 | 14.9 | 15.2 | 15.8 | 16.3 | 15.8 | 16.2 | 16.8 | 17.4 | 16.8 | 17.2 | 17.8 | 18.5 |
| | | Hi PR | 219 | 236 | 249 | 259 | 246 | 264 | 279 | 291 | 279 | 301 | 317 | 331 | 318 | 342 | 362 | 377 | 358 | 385 | 407 | 424 | 395 | 426 | 449 | 469 |
| | | Lo PR | 106 | 113 | 124 | 132 | 112 | 120 | 131 | 139 | 117 | 124 | 136 | 145 | 123 | 131 | 143 | 152 | 129 | 137 | 149 | 159 | 133 | 142 | 155 | 165 |
| | 1600 | MBh | 45.3 | 46.3 | 49.5 | 52.9 | 44.2 | 45.2 | 48.3 | 51.6 | 43.2 | 44.1 | 47.2 | 50.4 | 42.1 | 43.1 | **46.0** | 49.2 | 40.0 | 40.9 | 43.7 | 46.7 | 37.1 | 37.9 | 40.5 | 43.3 |
| | | S/T | 0.92 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.56 | 1.00 | 0.94 | **0.77** | 0.57 | 1.00 | 0.98 | 0.80 | 0.60 | 1.00 | 0.99 | 0.80 | 0.60 |
| | | Δ T | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | **20** | 16 | 23 | 23 | 20 | 16 | 21 | 21 | 19 | 15 |
| | | kW | 3.29 | 3.35 | 3.45 | 3.56 | 3.52 | 3.59 | 3.70 | 3.82 | 3.73 | 3.81 | 3.93 | 4.05 | 3.92 | 4.00 | **4.12** | 4.26 | 4.07 | 4.16 | 4.29 | 4.43 | 4.21 | 4.30 | 4.44 | 4.58 |
| | | Amps | 12.2 | 12.5 | 12.9 | 13.4 | 13.2 | 13.5 | 13.9 | 14.5 | 14.3 | 14.7 | 15.2 | 15.7 | 15.3 | 15.7 | **16.2** | 16.8 | 16.3 | 16.7 | 17.3 | 17.9 | 17.3 | 17.7 | 18.3 | 19.0 |
| | | Hi PR | 226 | 243 | 256 | 267 | 253 | 272 | 288 | 300 | 288 | 310 | 327 | 341 | 328 | 353 | **373** | 389 | 369 | 397 | 419 | 437 | 408 | 439 | 463 | 483 |
| | | Lo PR | 110 | 117 | 127 | 136 | 116 | 123 | 135 | 143 | 120 | 128 | 140 | 149 | 127 | 135 | **147** | 157 | 133 | 141 | 154 | 164 | 137 | 146 | 159 | 170 |
| | 1800 | MBh | 46.7 | 47.7 | 50.9 | 54.4 | 45.6 | 46.6 | 49.7 | 53.2 | 44.5 | 45.5 | 48.6 | 51.9 | 43.4 | 44.3 | 47.4 | 50.6 | 41.2 | 42.1 | 45.0 | 48.1 | 38.2 | 39.0 | 41.7 | 44.6 |
| | | S/T | 0.96 | 0.90 | 0.73 | 0.55 | 1.00 | 0.93 | 0.76 | 0.57 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 1.00 | 0.80 | 0.60 | 1.00 | 1.00 | 0.83 | 0.62 | 1.00 | 1.00 | 0.84 | 0.63 |
| | | Δ T | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 22 | 23 | 19 | 16 | 21 | 22 | 19 | 15 | 20 | 20 | 18 | 14 |
| | | kW | 3.31 | 3.38 | 3.48 | 3.58 | 3.55 | 3.62 | 3.73 | 3.85 | 3.76 | 3.84 | 3.96 | 4.08 | 3.95 | 4.03 | 4.16 | 4.29 | 4.11 | 4.19 | 4.33 | 4.47 | 4.24 | 4.33 | 4.47 | 4.62 |
| | | Amps | 12.3 | 12.6 | 13.0 | 13.5 | 13.3 | 13.6 | 14.1 | 14.6 | 14.4 | 14.8 | 15.3 | 15.9 | 15.4 | 15.8 | 16.4 | 17.0 | 16.4 | 16.8 | 17.4 | 18.1 | 17.4 | 17.9 | 18.5 | 19.2 |
| | | Hi PR | 228 | 245 | 259 | 270 | 256 | 275 | 291 | 303 | 291 | 313 | 331 | 345 | 331 | 356 | 376 | 393 | 373 | 401 | 423 | 442 | 412 | 443 | 468 | 488 |
| | | Lo PR | 111 | 118 | 129 | 137 | 117 | 125 | 136 | 145 | 122 | 129 | 141 | 151 | 128 | 136 | 148 | 158 | 134 | 143 | 156 | 166 | 139 | 147 | 161 | 171 |
| 85 | 1400 | MBh | 42.5 | 43.4 | 45.4 | 48.5 | 41.5 | 42.4 | 44.4 | 47.3 | 40.6 | 41.3 | 43.3 | 46.2 | 39.6 | 40.3 | 42.2 | 45.1 | 37.6 | 38.3 | 40.1 | 42.8 | 34.8 | 35.5 | 37.2 | 39.7 |
| | | S/T | 0.93 | 0.89 | 0.81 | 0.65 | 0.96 | 0.93 | 0.84 | 0.68 | 0.98 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.88 | 0.72 | 1.00 | 1.00 | 0.92 | 0.74 | 1.00 | 1.00 | 0.93 | 0.75 |
| | | Δ T | 26 | 25 | 24 | 21 | 26 | 26 | 24 | 21 | 26 | 26 | 24 | 21 | 26 | 26 | 25 | 21 | 25 | 25 | 24 | 21 | 23 | 23 | 23 | 20 |
| | | kW | 3.24 | 3.30 | 3.40 | 3.50 | 3.47 | 3.54 | 3.65 | 3.76 | 3.67 | 3.75 | 3.86 | 3.99 | 3.85 | 3.94 | 4.06 | 4.19 | 4.01 | 4.09 | 4.22 | 4.36 | 4.14 | 4.23 | 4.36 | 4.50 |
| | | Amps | 12.0 | 12.2 | 12.6 | 13.1 | 12.9 | 13.2 | 13.7 | 14.2 | 14.0 | 14.4 | 14.9 | 15.4 | 15.0 | 15.4 | 15.9 | 16.5 | 16.0 | 16.4 | 16.9 | 17.6 | 16.9 | 17.4 | 17.9 | 18.6 |
| | | Hi PR | 221 | 238 | 251 | 262 | 248 | 267 | 282 | 294 | 282 | 304 | 321 | 334 | 321 | 346 | 365 | 381 | 361 | 389 | 411 | 428 | 399 | 430 | 454 | 473 |
| | | Lo PR | 108 | 114 | 125 | 133 | 114 | 121 | 132 | 140 | 118 | 126 | 137 | 146 | 124 | 132 | 144 | 153 | 130 | 138 | 151 | 161 | 134 | 143 | 156 | 166 |
| | 1600 | MBh | 46.1 | 47.0 | 49.2 | 52.5 | 45.0 | 45.9 | 48.1 | 51.3 | 43.9 | 44.8 | 46.9 | 50.1 | 42.9 | 43.7 | 45.8 | 48.8 | 40.7 | 41.5 | 43.5 | 46.4 | 37.7 | 38.5 | 40.3 | 43.0 |
| | | S/T | 0.96 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.74 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.96 | 0.78 |
| | | Δ T | 25 | 25 | 24 | 20 | 26 | 25 | 24 | 21 | 25 | 25 | 24 | 21 | 25 | 25 | 24 | 21 | 23 | 24 | 24 | 21 | 22 | 22 | 22 | 19 |
| | | kW | 3.31 | 3.38 | 3.48 | 3.58 | 3.55 | 3.62 | 3.73 | 3.85 | 3.76 | 3.84 | 3.96 | 4.08 | 3.95 | 4.03 | 4.16 | 4.29 | 4.11 | 4.19 | 4.33 | 4.47 | 4.24 | 4.33 | 4.47 | 4.62 |
| | | Amps | 12.3 | 12.6 | 13.0 | 13.5 | 13.3 | 13.6 | 14.1 | 14.6 | 14.4 | 14.8 | 15.3 | 15.9 | 15.4 | 15.8 | 16.4 | 17.0 | 16.4 | 16.8 | 17.4 | 18.1 | 17.4 | 17.9 | 18.5 | 19.2 |
| | | Hi PR | 228 | 245 | 259 | 270 | 256 | 275 | 291 | 303 | 291 | 313 | 331 | 345 | 331 | 356 | 376 | 393 | 373 | 401 | 423 | 442 | 412 | 443 | 468 | 488 |
| | | Lo PR | 111 | 118 | 129 | 137 | 117 | 125 | 136 | 145 | 122 | 129 | 141 | 151 | 128 | 136 | 148 | 158 | 134 | 143 | 156 | 166 | 139 | 147 | 161 | 171 |
| | 1800 | MBh | 47.5 | 48.4 | 50.7 | 54.1 | 46.4 | 47.3 | 49.5 | 52.8 | 45.3 | 46.1 | 48.3 | 51.6 | 44.2 | 45.0 | 47.1 | 50.3 | 42.0 | 42.8 | 44.8 | 47.8 | 38.9 | 39.6 | 41.5 | 44.3 |
| | | S/T | 1.00 | 0.97 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.93 | 0.76 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 1.00 | 0.81 | 1.00 | 1.00 | 1.00 | 0.82 |
| | | Δ T | 24 | 24 | 23 | 20 | 24 | 24 | 23 | 20 | 23 | 24 | 23 | 20 | 23 | 23 | 23 | 20 | 21 | 22 | 23 | 20 | 20 | 20 | 21 | 18 |
| | | kW | 3.34 | 3.40 | 3.50 | 3.61 | 3.58 | 3.65 | 3.76 | 3.88 | 3.79 | 3.87 | 3.99 | 4.11 | 3.98 | 4.06 | 4.19 | 4.32 | 4.14 | 4.23 | 4.36 | 4.50 | 4.28 | 4.37 | 4.51 | 4.65 |
| | | Amps | 12.4 | 12.7 | 13.1 | 13.6 | 13.4 | 13.7 | 14.2 | 14.7 | 14.6 | 14.9 | 15.4 | 16.0 | 15.6 | 16.0 | 16.5 | 17.1 | 16.6 | 17.0 | 17.6 | 18.2 | 17.6 | 18.0 | 18.6 | 19.3 |
| | | Hi PR | 230 | 248 | 262 | 273 | 258 | 278 | 294 | 306 | 294 | 316 | 334 | 348 | 335 | 360 | 380 | 397 | 376 | 405 | 428 | 446 | 416 | 448 | 473 | 493 |
| | | Lo PR | 112 | 119 | 130 | 138 | 118 | 126 | 137 | 146 | 123 | 131 | 143 | 152 | 129 | 137 | 150 | 160 | 135 | 144 | 157 | 167 | 140 | 149 | 163 | 173 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | Airflow | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 1500 | MBh | 50.1 | 51.9 | 56.8 | - | 48.9 | 50.7 | 55.5 | - | 47.7 | 49.5 | 54.2 | - | 46.6 | 48.3 | 52.9 | - | 44.2 | 45.8 | 50.2 | - | 41.0 | 42.5 | 46.5 | - |
| | | S/T | 0.67 | 0.56 | 0.39 | - | 0.69 | 0.58 | 0.40 | - | 0.71 | 0.59 | 0.41 | - | 0.73 | 0.61 | 0.42 | - | 0.76 | 0.64 | 0.44 | - | 0.77 | 0.64 | 0.44 | - |
| | | ΔT | 21 | 18 | 13 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 19 | 17 | 13 | - |
| | | kW | 3.87 | 3.95 | 4.07 | - | 4.16 | 4.24 | 4.38 | - | 4.41 | 4.50 | 4.65 | - | 4.63 | 4.73 | 4.89 | - | 4.82 | 4.93 | 5.09 | - | 4.99 | 5.10 | 5.26 | - |
| | | Amps | 14.4 | 14.8 | 15.3 | - | 15.6 | 16.0 | 16.5 | - | 17.0 | 17.4 | 18.0 | - | 18.2 | 18.6 | 19.2 | - | 19.3 | 19.8 | 20.5 | - | 20.5 | 21.0 | 21.7 | - |
| | | HI PR | 229 | 246 | 260 | - | 257 | 276 | 292 | - | 292 | 314 | 332 | - | 333 | 358 | 378 | - | 374 | 403 | 425 | - | 413 | 445 | 470 | - |
| | | LO PR | 101 | 108 | 118 | - | 107 | 114 | 125 | - | 111 | 119 | 129 | - | 117 | 125 | 136 | - | 123 | 130 | 142 | - | 127 | 135 | 147 | - |
| | 1750 | MBh | 54.2 | 56.2 | 61.6 | - | 53.0 | 54.9 | 60.1 | - | 51.7 | 53.6 | 58.7 | - | 50.4 | 52.3 | 57.3 | - | 47.9 | 49.7 | 54.4 | - | 44.4 | 46.0 | 50.4 | - |
| | | S/T | 0.69 | 0.58 | 0.40 | - | 0.72 | 0.60 | 0.42 | - | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.64 | 0.44 | - | 0.79 | 0.66 | 0.46 | - | 0.80 | 0.66 | 0.46 | - |
| | | ΔT | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 19 | 16 | 12 | - |
| | | kW | 3.96 | 4.04 | 4.17 | - | 4.26 | 4.35 | 4.48 | - | 4.52 | 4.62 | 4.76 | - | 4.75 | 4.85 | 5.01 | - | 4.95 | 5.05 | 5.22 | - | 5.12 | 5.23 | 5.40 | - |
| | | Amps | 14.8 | 15.2 | 15.7 | - | 16.1 | 16.4 | 17.0 | - | 17.5 | 17.9 | 18.5 | - | 18.7 | 19.1 | 19.8 | - | 19.9 | 20.4 | 21.1 | - | 21.1 | 21.6 | 22.4 | - |
| | | HI PR | 236 | 254 | 268 | - | 265 | 285 | 301 | - | 301 | 324 | 342 | - | 343 | 369 | 390 | - | 386 | 415 | 438 | - | 426 | 459 | 484 | - |
| | | LO PR | 105 | 111 | 122 | - | 111 | 118 | 128 | - | 115 | 122 | 133 | - | 121 | 128 | 140 | - | 126 | 135 | 147 | - | 131 | 139 | 152 | - |
| | 2000 | MBh | 55.9 | 57.9 | 63.4 | - | 54.6 | 56.5 | 62.0 | - | 53.3 | 55.2 | 60.5 | - | 52.0 | 53.9 | 59.0 | - | 49.4 | 51.2 | 56.1 | - | 45.7 | 47.4 | 51.9 | - |
| | | S/T | 0.73 | 0.61 | 0.42 | - | 0.75 | 0.63 | 0.44 | - | 0.77 | 0.65 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.83 | 0.69 | 0.48 | - | 0.83 | 0.70 | 0.48 | - |
| | | ΔT | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 13 | - | 19 | 16 | 12 | - | 18 | 15 | 12 | - |
| | | kW | 3.99 | 4.07 | 4.20 | - | 4.29 | 4.38 | 4.52 | - | 4.56 | 4.65 | 4.80 | - | 4.79 | 4.89 | 5.05 | - | 4.99 | 5.10 | 5.26 | - | 5.16 | 5.27 | 5.44 | - |
| | | Amps | 15.0 | 15.3 | 15.8 | - | 16.2 | 16.6 | 17.2 | - | 17.6 | 18.1 | 18.7 | - | 18.9 | 19.3 | 20.0 | - | 20.1 | 20.6 | 21.3 | - | 21.3 | 21.8 | 22.6 | - |
| | | HI PR | 238 | 256 | 271 | - | 267 | 288 | 304 | - | 304 | 327 | 346 | - | 346 | 373 | 394 | - | 390 | 419 | 443 | - | 430 | 463 | 489 | - |
| | | LO PR | 106 | 112 | 123 | - | 112 | 119 | 130 | - | 116 | 123 | 135 | - | 122 | 130 | 142 | - | 128 | 136 | 148 | - | 132 | 141 | 153 | - |
| 75 | 1500 | MBh | 50.9 | 52.4 | 56.7 | 60.9 | 49.7 | 51.2 | 55.4 | 59.5 | 48.5 | 50.0 | 54.1 | 58.1 | 47.3 | **48.8** | 52.8 | 56.6 | 45.0 | 46.3 | 50.1 | 53.8 | 41.7 | 42.9 | 46.4 | 49.8 |
| | | S/T | 0.76 | 0.68 | 0.51 | 0.33 | 0.79 | 0.70 | 0.53 | 0.34 | 0.81 | 0.72 | 0.55 | 0.35 | 0.83 | **0.75** | 0.56 | 0.36 | 0.87 | 0.77 | 0.59 | 0.38 | 0.87 | 0.78 | 0.59 | 0.38 |
| | | ΔT | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 13 | 24 | **22** | 18 | 13 | 24 | 22 | 18 | 12 | 22 | 21 | 17 | 12 |
| | | kW | 3.90 | 3.98 | 4.10 | 4.23 | 4.19 | 4.28 | 4.41 | 4.55 | 4.45 | 4.54 | 4.68 | 4.84 | 4.67 | **4.77** | 4.93 | 5.09 | 4.86 | 4.97 | 5.13 | 5.30 | 5.03 | 5.14 | 5.31 | 5.48 |
| | | Amps | 14.6 | 14.9 | 15.4 | 16.0 | 15.8 | 16.1 | 16.7 | 17.3 | 17.1 | 17.6 | 18.1 | 18.8 | 18.3 | **18.8** | 19.4 | 20.2 | 19.5 | 20.0 | 20.7 | 21.5 | 20.7 | 21.2 | 21.9 | 22.8 |
| | | HI PR | 231 | 249 | 263 | 274 | 259 | 279 | 295 | 307 | 295 | 317 | 335 | 350 | 336 | **362** | 382 | 398 | 378 | 407 | 430 | 448 | 418 | 449 | 475 | 495 |
| | | LO PR | 103 | 109 | 119 | 127 | 108 | 115 | 126 | 134 | 113 | 120 | 131 | 139 | 118 | **126** | 137 | 146 | 124 | 132 | 144 | 153 | 128 | 136 | 149 | 159 |
| | 1750 | MBh | 55.1 | 56.8 | 61.5 | 66.0 | 53.9 | 55.5 | 60.0 | 64.4 | 52.6 | 54.1 | 58.6 | 62.9 | 51.3 | **52.8** | 57.2 | 61.4 | 48.7 | 50.2 | 54.3 | 58.3 | 45.1 | 46.5 | 50.3 | 54.0 |
| | | S/T | 0.79 | 0.71 | 0.53 | 0.34 | 0.82 | 0.73 | 0.55 | 0.36 | 0.84 | 0.75 | 0.57 | 0.36 | 0.86 | **0.77** | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.91 | 0.81 | 0.61 | 0.39 |
| | | ΔT | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | **21** | 18 | 12 | 23 | 21 | 17 | 12 | 21 | 20 | 16 | 11 |
| | | kW | 3.99 | 4.07 | 4.20 | 4.33 | 4.29 | 4.38 | 4.52 | 4.66 | 4.56 | 4.65 | 4.80 | 4.96 | 4.79 | **4.89** | 5.05 | 5.22 | 4.99 | 5.10 | 5.26 | 5.44 | 5.16 | 5.27 | 5.44 | 5.63 |
| | | Amps | 15.0 | 15.3 | 15.8 | 16.4 | 16.2 | 16.6 | 17.2 | 17.8 | 17.6 | 18.1 | 18.7 | 19.4 | 18.9 | **19.3** | 20.0 | 20.8 | 20.1 | 20.6 | 21.3 | 22.1 | 21.3 | 21.8 | 22.6 | 23.5 |
| | | HI PR | 238 | 256 | 271 | 282 | 267 | 288 | 304 | 317 | 304 | 327 | 346 | 360 | 346 | **373** | 394 | 411 | 390 | 419 | 443 | 462 | 431 | 463 | 489 | 510 |
| | | LO PR | 106 | 112 | 123 | 131 | 112 | 119 | 130 | 138 | 116 | 123 | 135 | 144 | 122 | **130** | 142 | 151 | 128 | 136 | 148 | 158 | 132 | 141 | 153 | 163 |
| | 2000 | MBh | 56.8 | 58.5 | 63.3 | 67.9 | 55.5 | 57.1 | 61.8 | 66.4 | 54.2 | 55.8 | 60.4 | 64.8 | 52.8 | **54.4** | 58.9 | 63.2 | 50.2 | 51.7 | 55.9 | 60.0 | 46.5 | 47.9 | 51.8 | 55.6 |
| | | S/T | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.88 | 0.79 | 0.59 | 0.38 | 0.91 | **0.81** | 0.61 | 0.39 | 0.94 | 0.84 | 0.64 | 0.41 | 0.95 | 0.85 | 0.64 | 0.41 |
| | | ΔT | 22 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | **20** | 17 | 11 | 22 | 20 | 16 | 11 | 20 | 19 | 15 | 11 |
| | | kW | 4.02 | 4.11 | 4.23 | 4.37 | 4.33 | 4.42 | 4.56 | 4.70 | 4.59 | 4.69 | 4.84 | 5.00 | 4.83 | **4.93** | 5.09 | 5.26 | 5.03 | 5.14 | 5.31 | 5.48 | 5.20 | 5.32 | 5.49 | 5.67 |
| | | Amps | 15.1 | 15.5 | 16.0 | 16.6 | 16.4 | 16.8 | 17.3 | 18.0 | 17.8 | 18.2 | 18.8 | 19.6 | 19.0 | **19.5** | 20.2 | 20.9 | 20.3 | 20.8 | 21.5 | 22.3 | 21.5 | 22.0 | 22.8 | 23.7 |
| | | HI PR | 241 | 259 | 274 | 285 | 270 | 291 | 307 | 320 | 307 | 331 | 349 | 364 | 350 | **376** | 398 | 415 | 394 | 424 | 447 | 466 | 435 | 468 | 494 | 515 |
| | | LO PR | 107 | 114 | 124 | 132 | 113 | 120 | 131 | 139 | 117 | 125 | 136 | 145 | 123 | **131** | 143 | 152 | 129 | 137 | 150 | 160 | 133 | 142 | 155 | 165 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

# Expanded Cooling Data — GSX130601B* / CA*F4961*6A* (cont.)

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | Airflow | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | 1500 | MBh | 51.8 | 52.9 | 56.6 | 60.5 | 50.6 | 51.7 | 55.2 | 59.1 | 49.4 | 50.5 | 53.9 | 57.6 | 48.2 | 49.2 | 52.6 | 56.2 | 45.8 | 46.8 | 50.0 | 53.4 | 42.4 | 43.3 | 46.3 | 49.5 |
| | | S/T | 0.83 | 0.78 | 0.64 | 0.48 | 0.86 | 0.81 | 0.66 | 0.49 | 0.89 | 0.83 | 0.68 | 0.51 | 0.91 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.72 | 0.54 | 0.96 | 0.90 | 0.73 | 0.55 |
| | | ΔT | 26 | 25 | 22 | 18 | 27 | 26 | 22 | 18 | 27 | 26 | 22 | 18 | 27 | 26 | 23 | 18 | 27 | 26 | 22 | 18 | 25 | 24 | 21 | 17 |
| | | kW | 3.93 | 4.01 | 4.13 | 4.26 | 4.22 | 4.31 | 4.45 | 4.59 | 4.48 | 4.58 | 4.72 | 4.88 | 4.71 | 4.81 | 4.97 | 5.13 | 4.90 | 5.01 | 5.17 | 5.34 | 5.07 | 5.18 | 5.35 | 5.53 |
| | | Amps | 14.7 | 15.1 | 15.6 | 16.1 | 15.9 | 16.3 | 16.8 | 17.5 | 17.3 | 17.7 | 18.3 | 19.0 | 18.5 | 19.0 | 19.6 | 20.4 | 19.7 | 20.2 | 20.9 | 21.7 | 20.9 | 21.4 | 22.2 | 23.0 |
| | | HI PR | 234 | 251 | 265 | 277 | 262 | 282 | 298 | 311 | 298 | 321 | 339 | 353 | 339 | 365 | 386 | 402 | 382 | 411 | 434 | 453 | 422 | 454 | 479 | 500 |
| | | LO PR | 104 | 110 | 120 | 128 | 109 | 116 | 127 | 135 | 114 | 121 | 132 | 141 | 119 | 127 | 139 | 148 | 125 | 133 | 145 | 155 | 129 | 138 | 150 | 160 |
| | 1750 | MBh | 56.1 | 57.4 | 61.3 | 65.5 | 54.8 | 56.0 | 59.9 | 64.0 | 53.5 | 54.7 | 58.4 | 62.5 | 52.2 | 53.4 | **57.0** | 60.9 | 49.6 | 50.7 | 54.2 | 57.9 | 45.9 | 46.9 | 50.2 | 53.6 |
| | | S/T | 0.86 | 0.81 | 0.66 | 0.49 | 0.90 | 0.84 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | **0.72** | 0.54 | 0.98 | 0.92 | 0.75 | 0.56 | 0.99 | 0.93 | 0.76 | 0.57 |
| | | ΔT | 25 | 24 | 21 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | **22** | 17 | 26 | 25 | 21 | 17 | 24 | 23 | 20 | 16 |
| | | kW | 4.02 | 4.11 | 4.23 | 4.37 | 4.33 | 4.42 | 4.56 | 4.70 | 4.59 | 4.69 | 4.84 | 5.00 | 4.83 | 4.93 | **5.09** | 5.26 | 5.03 | 5.14 | 5.31 | 5.48 | 5.20 | 5.32 | 5.49 | 5.67 |
| | | Amps | 15.1 | 15.5 | 16.0 | 16.6 | 16.4 | 16.8 | 17.3 | 18.0 | 17.8 | 18.2 | 18.8 | 19.6 | 19.0 | 19.5 | **20.2** | 20.9 | 20.3 | 20.8 | 21.5 | 22.3 | 21.5 | 22.0 | 22.8 | 23.7 |
| | | HI PR | 241 | 259 | 274 | 285 | 270 | 291 | 307 | 320 | 307 | 331 | 349 | 364 | 350 | 377 | **398** | 415 | 394 | 424 | 447 | 467 | 435 | 468 | 494 | 515 |
| | | LO PR | 107 | 114 | 124 | 132 | 113 | 120 | 131 | 140 | 117 | 125 | 136 | 145 | 123 | 131 | **143** | 152 | 129 | 137 | 150 | 160 | 133 | 142 | 155 | 165 |
| | 2000 | MBh | 57.8 | 59.1 | 63.1 | 67.5 | 56.5 | 57.7 | 61.6 | 65.9 | 55.1 | 56.3 | 60.2 | 64.3 | 53.8 | 55.0 | 58.7 | 62.8 | 51.1 | 52.2 | 55.8 | 59.6 | 47.3 | 48.4 | 51.7 | 55.2 |
| | | S/T | 0.91 | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.96 | 0.90 | 0.74 | 0.55 | 1.00 | 0.93 | 0.76 | 0.57 | 1.00 | 0.97 | 0.79 | 0.59 | 1.00 | 1.00 | 0.79 | 0.59 |
| | | ΔT | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 25 | 24 | 20 | 16 | 23 | 23 | 20 | 16 | 22 | 22 | 19 | 15 |
| | | kW | 4.05 | 4.14 | 4.27 | 4.40 | 4.36 | 4.45 | 4.59 | 4.74 | 4.63 | 4.73 | 4.88 | 5.04 | 4.87 | 4.97 | 5.13 | 5.30 | 5.07 | 5.18 | 5.35 | 5.53 | 5.24 | 5.36 | 5.54 | 5.72 |
| | | Amps | 15.2 | 15.6 | 16.1 | 16.7 | 16.5 | 16.9 | 17.5 | 18.1 | 18.0 | 18.4 | 19.0 | 19.8 | 19.2 | 19.7 | 20.4 | 21.1 | 20.5 | 21.0 | 21.7 | 22.5 | 21.7 | 22.3 | 23.0 | 23.9 |
| | | HI PR | 243 | 262 | 276 | 288 | 273 | 294 | 310 | 323 | 310 | 334 | 353 | 368 | 353 | 380 | 402 | 419 | 398 | 428 | 452 | 471 | 439 | 473 | 499 | 521 |
| | | LO PR | 108 | 115 | 125 | 133 | 114 | 121 | 132 | 141 | 118 | 126 | 137 | 146 | 124 | 132 | 144 | 154 | 130 | 139 | 151 | 161 | 135 | 143 | 157 | 167 |
| 85 | 1500 | MBh | 52.7 | 53.7 | 56.3 | 60.0 | 51.5 | 52.5 | 55.0 | 58.6 | 50.3 | 51.2 | 53.7 | 57.2 | 49.0 | 50.0 | 52.3 | 55.8 | 46.6 | 47.5 | 49.7 | 53.1 | 43.1 | 44.0 | 46.1 | 49.1 |
| | | S/T | 0.87 | 0.84 | 0.76 | 0.62 | 0.91 | 0.87 | 0.79 | 0.64 | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.93 | 0.83 | 0.68 | 1.00 | 0.96 | 0.87 | 0.70 | 1.00 | 0.97 | 0.87 | 0.71 |
| | | ΔT | 28 | 28 | 26 | 23 | 29 | 28 | 27 | 23 | 29 | 28 | 27 | 23 | 29 | 28 | 27 | 23 | 28 | 28 | 26 | 23 | 26 | 26 | 25 | 21 |
| | | kW | 3.96 | 4.04 | 4.17 | 4.30 | 4.26 | 4.35 | 4.48 | 4.62 | 4.52 | 4.61 | 4.76 | 4.92 | 4.75 | 4.85 | 5.01 | 5.17 | 4.94 | 5.05 | 5.22 | 5.39 | 5.11 | 5.23 | 5.40 | 5.58 |
| | | Amps | 14.8 | 15.2 | 15.7 | 16.3 | 16.0 | 16.4 | 17.0 | 17.6 | 17.5 | 17.9 | 18.5 | 19.2 | 18.7 | 19.1 | 19.8 | 20.5 | 19.9 | 20.4 | 21.1 | 21.9 | 21.1 | 21.6 | 22.4 | 23.2 |
| | | HI PR | 236 | 254 | 268 | 280 | 265 | 285 | 301 | 314 | 301 | 324 | 342 | 357 | 343 | 369 | 390 | 406 | 386 | 415 | 438 | 457 | 426 | 459 | 484 | 505 |
| | | LO PR | 105 | 111 | 121 | 129 | 110 | 118 | 128 | 137 | 115 | 122 | 133 | 142 | 121 | 128 | 140 | 149 | 126 | 134 | 147 | 156 | 131 | 139 | 152 | 162 |
| | 1750 | MBh | 57.1 | 58.2 | 61.0 | 65.0 | 55.8 | 56.9 | 59.6 | 63.5 | 54.5 | 55.5 | 58.1 | 62.0 | 53.1 | 54.2 | 56.7 | 60.5 | 50.5 | 51.4 | 53.9 | 57.5 | 46.7 | 47.7 | 49.9 | 53.2 |
| | | S/T | 0.91 | 0.87 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.96 | 0.87 | 0.70 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.91 | 0.74 |
| | | ΔT | 27 | 27 | 25 | 22 | 28 | 27 | 26 | 22 | 28 | 27 | 26 | 22 | 28 | 27 | 26 | 22 | 27 | 27 | 25 | 22 | 25 | 25 | 24 | 21 |
| | | kW | 4.05 | 4.14 | 4.27 | 4.40 | 4.36 | 4.45 | 4.59 | 4.74 | 4.63 | 4.73 | 4.88 | 5.04 | 4.87 | 4.97 | 5.13 | 5.30 | 5.07 | 5.18 | 5.35 | 5.53 | 5.24 | 5.36 | 5.54 | 5.72 |
| | | Amps | 15.2 | 15.6 | 16.1 | 16.7 | 16.5 | 16.9 | 17.5 | 18.1 | 18.0 | 18.4 | 19.0 | 19.8 | 19.2 | 19.7 | 20.4 | 21.1 | 20.5 | 21.0 | 21.7 | 22.5 | 21.7 | 22.3 | 23.0 | 23.9 |
| | | HI PR | 243 | 262 | 276 | 288 | 273 | 294 | 310 | 323 | 310 | 334 | 353 | 368 | 353 | 380 | 402 | 419 | 398 | 428 | 452 | 471 | 439 | 473 | 499 | 521 |
| | | LO PR | 108 | 115 | 125 | 133 | 114 | 121 | 132 | 141 | 118 | 126 | 137 | 146 | 124 | 132 | 144 | 154 | 130 | 139 | 151 | 161 | 135 | 143 | 157 | 167 |
| | 2000 | MBh | 58.8 | 60.0 | 62.8 | 67.0 | 57.5 | 58.6 | 61.3 | 65.4 | 56.1 | 57.2 | 59.9 | 63.9 | 54.7 | 55.8 | 58.4 | 62.3 | 52.0 | 53.0 | 55.5 | 59.2 | 48.2 | 49.1 | 51.4 | 54.8 |
| | | S/T | 0.95 | 0.92 | 0.83 | 0.67 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.97 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.95 | 0.77 |
| | | ΔT | 26 | 25 | 24 | 21 | 26 | 26 | 24 | 21 | 26 | 26 | 24 | 21 | 25 | 26 | 24 | 21 | 24 | 24 | 24 | 21 | 22 | 23 | 22 | 19 |
| | | kW | 4.09 | 4.17 | 4.30 | 4.44 | 4.39 | 4.49 | 4.63 | 4.78 | 4.67 | 4.77 | 4.92 | 5.08 | 4.91 | 5.01 | 5.18 | 5.35 | 5.11 | 5.22 | 5.39 | 5.57 | 5.29 | 5.40 | 5.58 | 5.77 |
| | | Amps | 15.4 | 15.8 | 16.3 | 16.9 | 16.7 | 17.1 | 17.6 | 18.3 | 18.1 | 18.6 | 19.2 | 19.9 | 19.4 | 19.9 | 20.6 | 21.3 | 20.7 | 21.2 | 21.9 | 22.7 | 21.9 | 22.5 | 23.2 | 24.1 |
| | | HI PR | 246 | 264 | 279 | 291 | 276 | 297 | 313 | 327 | 313 | 337 | 356 | 371 | 357 | 384 | 406 | 423 | 402 | 432 | 456 | 476 | 444 | 477 | 504 | 526 |
| | | LO PR | 109 | 116 | 126 | 135 | 115 | 122 | 134 | 142 | 120 | 127 | 139 | 148 | 126 | 134 | 146 | 155 | 132 | 140 | 153 | 163 | 136 | 145 | 158 | 168 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | Airflow | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 1500 | MBh | 53.8 | 55.7 | 61.0 | - | 52.5 | 54.4 | 59.6 | - | 51.3 | 53.1 | 58.2 | - | 50.0 | 51.8 | 56.8 | - | 47.5 | 49.2 | 53.9 | - | 44.0 | 45.6 | 50.0 | - |
| | | S/T | 0.66 | 0.55 | 0.38 | - | 0.68 | 0.57 | 0.39 | - | 0.70 | 0.58 | 0.40 | - | 0.72 | 0.60 | 0.42 | - | 0.75 | 0.62 | 0.43 | - | 0.75 | 0.63 | 0.44 | - |
| | | ΔT | 22 | 19 | 14 | - | 22 | 19 | 14 | - | 22 | 19 | 14 | - | 22 | 19 | 14 | - | 22 | 19 | 14 | - | 20 | 18 | 13 | - |
| | | kW | 3.97 | 4.05 | 4.18 | - | 4.27 | 4.37 | 4.51 | - | 4.54 | 4.64 | 4.80 | - | 4.78 | 4.89 | 5.05 | - | 4.99 | 5.10 | 5.27 | - | 5.16 | 5.28 | 5.45 | - |
| | | Amps | 15.4 | 15.8 | 16.3 | - | 16.7 | 17.1 | 17.6 | - | 18.1 | 18.6 | 19.2 | - | 19.4 | 19.9 | 20.6 | - | 20.7 | 21.2 | 21.9 | - | 22.0 | 22.5 | 23.3 | - |
| | | HI PR | 228 | 245 | 259 | - | 256 | 275 | 291 | - | 291 | 313 | 331 | - | 331 | 357 | 377 | - | 373 | 401 | 424 | - | 412 | 443 | 468 | - |
| | | LO PR | 98 | 104 | 114 | - | 103 | 110 | 120 | - | 107 | 114 | 125 | - | 113 | 120 | 131 | - | 118 | 126 | 137 | - | 122 | 130 | 142 | - |
| | 1750 | MBh | 55.4 | 57.4 | 62.9 | - | 54.1 | 56.1 | 61.4 | - | 52.8 | 54.7 | 59.9 | - | 51.5 | 53.4 | 58.5 | - | 48.9 | 50.7 | 55.6 | - | 45.3 | 47.0 | 51.5 | - |
| | | S/T | 0.69 | 0.57 | 0.40 | - | 0.71 | 0.60 | 0.41 | - | 0.73 | 0.61 | 0.42 | - | 0.75 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.79 | 0.66 | 0.46 | - |
| | | ΔT | 20 | 17 | 13 | - | 20 | 18 | 13 | - | 20 | 18 | 13 | - | 20 | 18 | 13 | - | 20 | 17 | 13 | - | 19 | 16 | 12 | - |
| | | kW | 4.00 | 4.09 | 4.21 | - | 4.31 | 4.40 | 4.54 | - | 4.58 | 4.68 | 4.84 | - | 4.82 | 4.93 | 5.09 | - | 5.03 | 5.14 | 5.31 | - | 5.20 | 5.32 | 5.50 | - |
| | | Amps | 15.5 | 15.9 | 16.4 | - | 16.8 | 17.2 | 17.8 | - | 18.3 | 18.8 | 19.4 | - | 19.6 | 20.1 | 20.8 | - | 20.9 | 21.4 | 22.2 | - | 22.2 | 22.7 | 23.5 | - |
| | | HI PR | 230 | 248 | 262 | - | 258 | 278 | 294 | - | 294 | 316 | 334 | - | 335 | 360 | 380 | - | 377 | 405 | 428 | - | 416 | 448 | 473 | - |
| | | LO PR | 99 | 105 | 115 | - | 104 | 111 | 121 | - | 108 | 115 | 126 | - | 114 | 121 | 132 | - | 119 | 127 | 139 | - | 124 | 131 | 143 | - |
| | 2000 | MBh | 55.6 | 57.7 | 63.2 | - | 54.3 | 56.3 | 61.7 | - | 53.0 | 55.0 | 60.2 | - | 51.8 | 53.6 | 58.8 | - | 49.2 | 51.0 | 55.8 | - | 45.5 | 47.2 | 51.7 | - |
| | | S/T | 0.70 | 0.58 | 0.40 | - | 0.72 | 0.60 | 0.42 | - | 0.74 | 0.62 | 0.43 | - | 0.77 | 0.64 | 0.44 | - | 0.79 | 0.66 | 0.46 | - | 0.80 | 0.67 | 0.46 | - |
| | | ΔT | 18 | 15 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 17 | 15 | 11 | - |
| | | kW | 4.03 | 4.12 | 4.25 | - | 4.34 | 4.44 | 4.58 | - | 4.62 | 4.72 | 4.88 | - | 4.86 | 4.97 | 5.13 | - | 5.07 | 5.18 | 5.36 | - | 5.25 | 5.37 | 5.55 | - |
| | | Amps | 15.7 | 16.0 | 16.6 | - | 17.0 | 17.4 | 18.0 | - | 18.5 | 18.9 | 19.6 | - | 19.8 | 20.3 | 21.0 | - | 21.1 | 21.6 | 22.4 | - | 22.4 | 22.9 | 23.7 | - |
| | | HI PR | 233 | 250 | 264 | - | 261 | 281 | 297 | - | 297 | 319 | 337 | - | 338 | 364 | 384 | - | 380 | 409 | 432 | - | 420 | 452 | 477 | - |
| | | LO PR | 100 | 106 | 116 | - | 105 | 112 | 122 | - | 110 | 117 | 127 | - | 115 | 122 | 134 | - | 121 | 128 | 140 | - | 125 | 133 | 145 | - |
| 75 | 1500 | MBh | 54.7 | 56.3 | 60.9 | 65.4 | 53.4 | 55.0 | 59.5 | 63.9 | 52.1 | 53.7 | 58.1 | 62.3 | 50.9 | **52.4** | 56.7 | 60.8 | 48.3 | 49.7 | 53.8 | 57.8 | 44.7 | 46.1 | 49.9 | 53.5 |
| | | S/T | 0.75 | 0.67 | 0.50 | 0.32 | 0.77 | 0.69 | 0.52 | 0.34 | 0.79 | 0.71 | 0.54 | 0.35 | 0.82 | **0.73** | 0.55 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.86 | 0.77 | 0.58 | 0.37 |
| | | ΔT | 25 | 23 | 19 | 13 | 25 | 23 | 19 | 13 | 25 | 23 | 19 | 13 | 26 | **23** | 19 | 13 | 25 | 23 | 19 | 13 | 23 | 22 | 18 | 12 |
| | | kW | 4.00 | 4.09 | 4.22 | 4.35 | 4.31 | 4.40 | 4.55 | 4.69 | 4.58 | 4.68 | 4.84 | 5.00 | 4.82 | **4.93** | 5.09 | 5.26 | 5.03 | 5.14 | 5.31 | 5.49 | 5.20 | 5.32 | 5.50 | 5.69 |
| | | Amps | 15.5 | 15.9 | 16.4 | 17.1 | 16.8 | 17.2 | 17.8 | 18.5 | 18.3 | 18.8 | 19.4 | 20.2 | 19.6 | **20.1** | 20.8 | 21.6 | 20.9 | 21.4 | 22.2 | 23.0 | 22.2 | 22.7 | 23.5 | 24.4 |
| | | HI PR | 230 | 248 | 262 | 273 | 258 | 278 | 294 | 306 | 294 | 316 | 334 | 348 | 335 | **360** | 380 | 397 | 377 | 405 | 428 | 446 | 416 | 448 | 473 | 493 |
| | | LO PR | 99 | 105 | 115 | 122 | 104 | 111 | 121 | 129 | 108 | 115 | 126 | 134 | 114 | **121** | 132 | 141 | 119 | 127 | 139 | 148 | 124 | 131 | 143 | 153 |
| | 1750 | MBh | 56.3 | 58.0 | 62.7 | 67.3 | 55.0 | 56.6 | 61.3 | 65.8 | 53.7 | 55.3 | 59.8 | 64.2 | 52.4 | **53.9** | 58.4 | 62.6 | 49.8 | 51.2 | 55.5 | 59.5 | 46.1 | 47.5 | 51.4 | 55.1 |
| | | S/T | 0.78 | 0.70 | 0.53 | 0.34 | 0.81 | 0.72 | 0.55 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | **0.77** | 0.58 | 0.37 | 0.89 | 0.80 | 0.60 | 0.39 | 0.90 | 0.80 | 0.61 | 0.39 |
| | | ΔT | 23 | 21 | 17 | 12 | 23 | 22 | 18 | 12 | 23 | 22 | 18 | 12 | 24 | **22** | 18 | 12 | 23 | 21 | 18 | 12 | 22 | 20 | 16 | 11 |
| | | kW | 4.03 | 4.12 | 4.25 | 4.39 | 4.34 | 4.44 | 4.58 | 4.73 | 4.62 | 4.72 | 4.88 | 5.04 | 4.86 | **4.97** | 5.14 | 5.31 | 5.07 | 5.18 | 5.36 | 5.54 | 5.25 | 5.37 | 5.55 | 5.74 |
| | | Amps | 15.7 | 16.1 | 16.6 | 17.2 | 17.0 | 17.4 | 18.0 | 18.7 | 18.5 | 18.9 | 19.6 | 20.3 | 19.8 | **20.3** | 21.0 | 21.8 | 21.1 | 21.6 | 22.4 | 23.2 | 22.4 | 22.9 | 23.7 | 24.7 |
| | | HI PR | 233 | 250 | 264 | 276 | 261 | 281 | 297 | 309 | 297 | 320 | 337 | 352 | 338 | **364** | 384 | 401 | 380 | 409 | 432 | 451 | 420 | 452 | 478 | 498 |
| | | LO PR | 100 | 106 | 116 | 123 | 105 | 112 | 122 | 130 | 110 | 117 | 127 | 136 | 115 | **122** | 134 | 142 | 121 | 128 | 140 | 149 | 125 | 133 | 145 | 154 |
| | 2000 | MBh | 56.6 | 58.3 | 63.1 | 67.7 | 55.3 | 56.9 | 61.6 | 66.1 | 53.9 | 55.5 | 60.1 | 64.5 | 52.6 | **54.2** | 58.7 | 63.0 | 50.0 | 51.5 | 55.7 | 59.8 | 46.3 | 47.7 | 51.6 | 55.4 |
| | | S/T | 0.79 | 0.71 | 0.54 | 0.35 | 0.82 | 0.73 | 0.56 | 0.36 | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | **0.78** | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.91 | 0.81 | 0.62 | 0.40 |
| | | ΔT | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | **19** | 16 | 11 | 21 | 19 | 16 | 11 | 19 | 18 | 15 | 10 |
| | | kW | 4.06 | 4.15 | 4.28 | 4.42 | 4.38 | 4.48 | 4.62 | 4.77 | 4.66 | 4.76 | 4.92 | 5.08 | 4.90 | **5.01** | 5.18 | 5.35 | 5.11 | 5.23 | 5.40 | 5.59 | 5.29 | 5.41 | 5.59 | 5.78 |
| | | Amps | 15.8 | 16.2 | 16.7 | 17.4 | 17.1 | 17.6 | 18.1 | 18.8 | 18.7 | 19.1 | 19.8 | 20.5 | 20.0 | **20.5** | 21.2 | 22.0 | 21.3 | 21.8 | 22.6 | 23.5 | 22.6 | 23.2 | 24.0 | 24.9 |
| | | HI PR | 235 | 253 | 267 | 278 | 264 | 284 | 300 | 312 | 300 | 323 | 341 | 355 | 341 | **367** | 388 | 405 | 384 | 413 | 437 | 455 | 424 | 457 | 482 | 503 |
| | | LO PR | 101 | 107 | 117 | 125 | 106 | 113 | 124 | 132 | 111 | 118 | 129 | 137 | 116 | **124** | 135 | 144 | 122 | 130 | 141 | 151 | 126 | 134 | 146 | 156 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

## Expanded Cooling Data — GSX130611**/CA*F4961*6D*+EEP (cont.)

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | Airflow | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | 1500 | MBh | 55.6 | 56.9 | 60.7 | 64.9 | 54.3 | 55.5 | 59.3 | 63.4 | 53.0 | 54.2 | 57.9 | 61.9 | 51.8 | 52.9 | **56.5** | 60.4 | 49.2 | 50.2 | 53.7 | 57.4 | 45.5 | 46.5 | 49.7 | 53.2 |
| | | S/T | 0.82 | 0.77 | 0.62 | 0.47 | 0.85 | 0.80 | 0.65 | 0.48 | 0.87 | 0.82 | 0.66 | 0.50 | 0.90 | 0.84 | **0.69** | 0.51 | 0.93 | 0.87 | 0.71 | 0.53 | 0.94 | 0.88 | 0.72 | 0.54 |
| | | ΔT | 28 | 27 | 23 | 19 | 28 | 27 | 24 | 19 | 28 | 27 | 24 | 19 | 28 | 27 | **24** | 19 | 28 | 27 | 23 | 19 | 26 | 25 | 22 | 17 |
| | | kW | 4.03 | 4.12 | 4.25 | 4.39 | 4.35 | 4.44 | 4.58 | 4.73 | 4.62 | 4.72 | 4.88 | 5.04 | 4.86 | 4.97 | **5.14** | 5.31 | 5.07 | 5.18 | 5.36 | 5.54 | 5.25 | 5.37 | 5.55 | 5.74 |
| | | Amps | 15.7 | 16.1 | 16.6 | 17.2 | 17.0 | 17.4 | 18.0 | 18.7 | 18.5 | 18.9 | 19.6 | 20.3 | 19.8 | 20.3 | **21.0** | 21.8 | 21.1 | 21.6 | 22.4 | 23.2 | 22.4 | 22.9 | 23.7 | 24.7 |
| | | HI PR | 233 | 250 | 264 | 276 | 261 | 281 | 297 | 309 | 297 | 320 | 337 | 352 | 338 | 364 | **384** | 401 | 380 | 409 | 432 | 451 | 420 | 452 | 478 | 498 |
| | | LO PR | 100 | 106 | 116 | 123 | 105 | 112 | 122 | 130 | 110 | 117 | 127 | 136 | 115 | 122 | **134** | 142 | 121 | 128 | 140 | 149 | 125 | 133 | 145 | 154 |
| | 1750 | MBh | 57.3 | 58.6 | 62.6 | 66.9 | 56.0 | 57.2 | 61.1 | 65.3 | 54.6 | 55.8 | 59.6 | 63.8 | 53.3 | 54.5 | 58.2 | 62.2 | 50.6 | 51.7 | 55.3 | 59.1 | 46.9 | 47.9 | 51.2 | 54.7 |
| | | S/T | 0.86 | 0.80 | 0.65 | 0.49 | 0.89 | 0.83 | 0.68 | 0.51 | 0.91 | 0.85 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 1.00 | 0.92 | 0.75 | 0.56 | 1.00 | 0.92 | 0.75 | 0.56 |
| | | ΔT | 26 | 25 | 22 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | 22 | 18 | 27 | 25 | 22 | 17 | 25 | 23 | 20 | 16 |
| | | kW | 4.07 | 4.15 | 4.28 | 4.42 | 4.38 | 4.48 | 4.62 | 4.77 | 4.66 | 4.76 | 4.92 | 5.08 | 4.90 | 5.01 | 5.18 | 5.35 | 5.11 | 5.23 | 5.40 | 5.59 | 5.29 | 5.41 | 5.59 | 5.79 |
| | | Amps | 15.8 | 16.2 | 16.7 | 17.4 | 17.1 | 17.6 | 18.2 | 18.9 | 18.7 | 19.1 | 19.8 | 20.5 | 20.0 | 20.5 | 21.2 | 22.0 | 21.3 | 21.8 | 22.6 | 23.5 | 22.6 | 23.2 | 24.0 | 24.9 |
| | | HI PR | 235 | 253 | 267 | 279 | 264 | 284 | 300 | 313 | 300 | 323 | 341 | 355 | 342 | 368 | 388 | 405 | 384 | 414 | 437 | 455 | 425 | 457 | 482 | 503 |
| | | LO PR | 101 | 107 | 117 | 125 | 107 | 113 | 124 | 132 | 111 | 118 | 129 | 137 | 116 | 124 | 135 | 144 | 122 | 130 | 142 | 151 | 126 | 134 | 146 | 156 |
| | 2000 | MBh | 57.6 | 58.8 | 62.9 | 67.2 | 56.2 | 57.5 | 61.4 | 65.6 | 54.9 | 56.1 | 59.9 | 64.1 | 53.6 | 54.7 | 58.5 | 62.5 | 50.9 | 52.0 | 55.6 | 59.4 | 47.1 | 48.2 | 51.5 | 55.0 |
| | | S/T | 0.87 | 0.82 | 0.66 | 0.50 | 0.90 | 0.85 | 0.69 | 0.51 | 0.92 | 0.87 | 0.71 | 0.53 | 0.95 | 0.89 | 0.73 | 0.54 | 1.00 | 0.93 | 0.76 | 0.56 | 1.00 | 0.94 | 0.76 | 0.57 |
| | | ΔT | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 16 | 23 | 22 | 19 | 16 | 23 | 23 | 20 | 16 | 23 | 22 | 19 | 15 | 22 | 21 | 18 | 14 |
| | | kW | 4.10 | 4.19 | 4.32 | 4.46 | 4.42 | 4.51 | 4.66 | 4.81 | 4.70 | 4.80 | 4.96 | 5.12 | 4.94 | 5.06 | 5.22 | 5.40 | 5.16 | 5.27 | 5.45 | 5.63 | 5.34 | 5.46 | 5.64 | 5.84 |
| | | Amps | 16.0 | 16.4 | 16.9 | 17.6 | 17.3 | 17.7 | 18.3 | 19.0 | 18.8 | 19.3 | 20.0 | 20.7 | 20.2 | 20.7 | 21.4 | 22.2 | 21.5 | 22.0 | 22.8 | 23.7 | 22.8 | 23.4 | 24.2 | 25.1 |
| | | HI PR | 237 | 255 | 270 | 281 | 266 | 287 | 303 | 316 | 303 | 326 | 344 | 359 | 345 | 371 | 392 | 409 | 388 | 418 | 441 | 460 | 429 | 461 | 487 | 508 |
| | | LO PR | 102 | 108 | 118 | 126 | 108 | 114 | 125 | 133 | 112 | 119 | 130 | 138 | 117 | 125 | 136 | 145 | 123 | 131 | 143 | 152 | 127 | 135 | 148 | 157 |
| 85 | 1500 | MBh | 56.6 | 57.7 | 60.4 | 64.5 | 55.3 | 56.4 | 59.0 | 63.0 | 54.0 | 55.0 | 57.6 | 61.5 | 52.7 | 53.7 | 56.2 | 60.0 | 50.0 | 51.0 | 53.4 | 57.0 | 46.3 | 47.2 | 49.5 | 52.8 |
| | | S/T | 0.86 | 0.83 | 0.75 | 0.61 | 0.89 | 0.86 | 0.77 | 0.63 | 0.91 | 0.88 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.66 | 0.98 | 0.94 | 0.85 | 0.69 | 0.98 | 0.95 | 0.86 | 0.70 |
| | | ΔT | 30 | 29 | 28 | 24 | 30 | 30 | 28 | 24 | 30 | 30 | 28 | 24 | 30 | 30 | 28 | 24 | 30 | 29 | 28 | 24 | 28 | 28 | 26 | 23 |
| | | kW | 4.07 | 4.15 | 4.28 | 4.42 | 4.38 | 4.48 | 4.62 | 4.77 | 4.66 | 4.76 | 4.92 | 5.08 | 4.90 | 5.01 | 5.18 | 5.35 | 5.11 | 5.23 | 5.40 | 5.59 | 5.29 | 5.41 | 5.59 | 5.79 |
| | | Amps | 15.8 | 16.2 | 16.7 | 17.4 | 17.1 | 17.6 | 18.2 | 18.9 | 18.7 | 19.1 | 19.8 | 20.5 | 20.0 | 20.5 | 21.2 | 22.0 | 21.3 | 21.8 | 22.6 | 23.5 | 22.6 | 23.2 | 24.0 | 24.9 |
| | | HI PR | 235 | 253 | 267 | 279 | 264 | 284 | 300 | 313 | 300 | 323 | 341 | 355 | 342 | 368 | 388 | 405 | 384 | 414 | 437 | 455 | 425 | 457 | 482 | 503 |
| | | LO PR | 101 | 107 | 117 | 125 | 107 | 113 | 124 | 132 | 111 | 118 | 129 | 137 | 116 | 124 | 135 | 144 | 122 | 130 | 142 | 151 | 126 | 134 | 146 | 156 |
| | 1750 | MBh | 58.3 | 59.4 | 62.2 | 66.4 | 56.9 | 58.1 | 60.8 | 64.9 | 55.6 | 56.7 | 59.4 | 63.3 | 54.2 | 55.3 | 57.9 | 61.8 | 51.5 | 52.5 | 55.0 | 58.7 | 47.7 | 48.7 | 51.0 | 54.4 |
| | | S/T | 0.90 | 0.87 | 0.78 | 0.64 | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.92 | 0.83 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.90 | 0.73 |
| | | ΔT | 28 | 27 | 26 | 22 | 28 | 27 | 26 | 22 | 28 | 27 | 26 | 22 | 28 | 28 | 26 | 23 | 27 | 27 | 26 | 22 | 25 | 25 | 24 | 21 |
| | | kW | 4.10 | 4.19 | 4.32 | 4.46 | 4.42 | 4.51 | 4.66 | 4.81 | 4.70 | 4.80 | 4.96 | 5.12 | 4.95 | 5.06 | 5.22 | 5.40 | 5.16 | 5.27 | 5.45 | 5.63 | 5.34 | 5.46 | 5.64 | 5.84 |
| | | Amps | 16.0 | 16.4 | 16.9 | 17.6 | 17.3 | 17.7 | 18.3 | 19.0 | 18.8 | 19.3 | 20.0 | 20.7 | 20.2 | 20.7 | 21.4 | 22.2 | 21.5 | 22.0 | 22.8 | 23.7 | 22.8 | 23.4 | 24.2 | 25.1 |
| | | HI PR | 237 | 255 | 270 | 281 | 266 | 287 | 303 | 316 | 303 | 326 | 344 | 359 | 345 | 371 | 392 | 409 | 388 | 418 | 441 | 460 | 429 | 461 | 487 | 508 |
| | | LO PR | 102 | 108 | 118 | 126 | 108 | 114 | 125 | 133 | 112 | 119 | 130 | 138 | 117 | 125 | 136 | 145 | 123 | 131 | 143 | 152 | 127 | 135 | 148 | 157 |
| | 2000 | MBh | 58.6 | 59.7 | 62.5 | 66.7 | 57.2 | 58.3 | 61.1 | 65.2 | 55.9 | 56.9 | 59.6 | 63.6 | 54.5 | 55.6 | 58.2 | 62.1 | 51.8 | 52.8 | 55.3 | 59.0 | 48.0 | 48.9 | 51.2 | 54.6 |
| | | S/T | 0.91 | 0.88 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.67 | 0.97 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.91 | 0.74 |
| | | ΔT | 25 | 24 | 23 | 20 | 25 | 24 | 23 | 20 | 25 | 24 | 23 | 20 | 25 | 25 | 23 | 20 | 24 | 24 | 23 | 20 | 22 | 22 | 21 | 19 |
| | | kW | 4.13 | 4.22 | 4.35 | 4.50 | 4.45 | 4.55 | 4.70 | 4.85 | 4.74 | 4.84 | 5.00 | 5.17 | 4.99 | 5.10 | 5.27 | 5.45 | 5.20 | 5.32 | 5.49 | 5.68 | 5.38 | 5.50 | 5.69 | 5.89 |
| | | Amps | 16.1 | 16.5 | 17.1 | 17.7 | 17.5 | 17.9 | 18.5 | 19.2 | 19.0 | 19.5 | 20.1 | 20.9 | 20.4 | 20.9 | 21.6 | 22.4 | 21.7 | 22.2 | 23.0 | 23.9 | 23.0 | 23.6 | 24.4 | 25.4 |
| | | HI PR | 240 | 258 | 272 | 284 | 269 | 289 | 306 | 319 | 306 | 329 | 348 | 363 | 348 | 375 | 396 | 413 | 392 | 422 | 445 | 465 | 433 | 466 | 492 | 513 |
| | | LO PR | 103 | 109 | 119 | 127 | 109 | 116 | 126 | 134 | 113 | 120 | 131 | 140 | 119 | 126 | 138 | 147 | 124 | 132 | 144 | 154 | 129 | 137 | 149 | 159 |

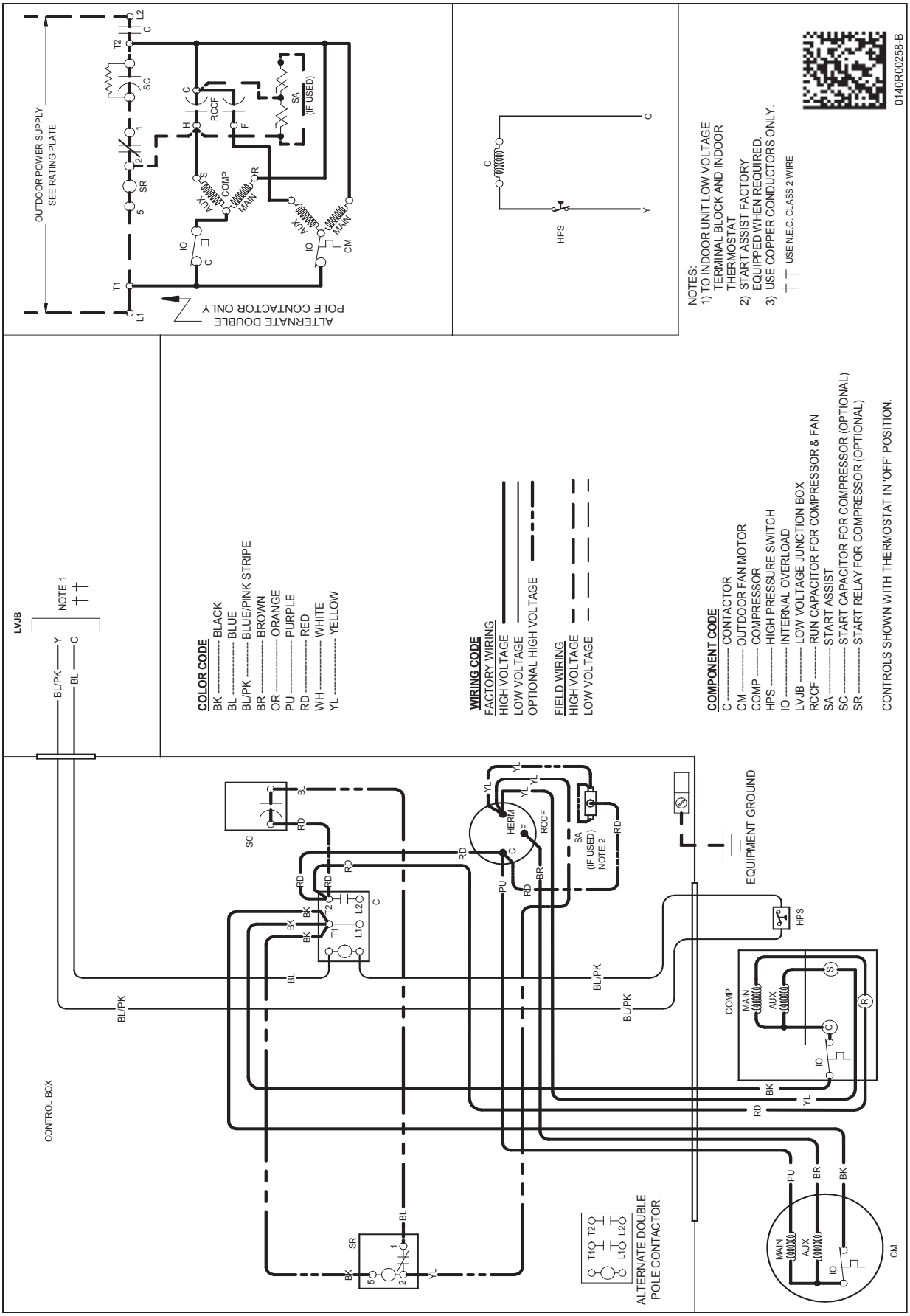
IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

Amps = outdoor unit amps (comp.+fan)

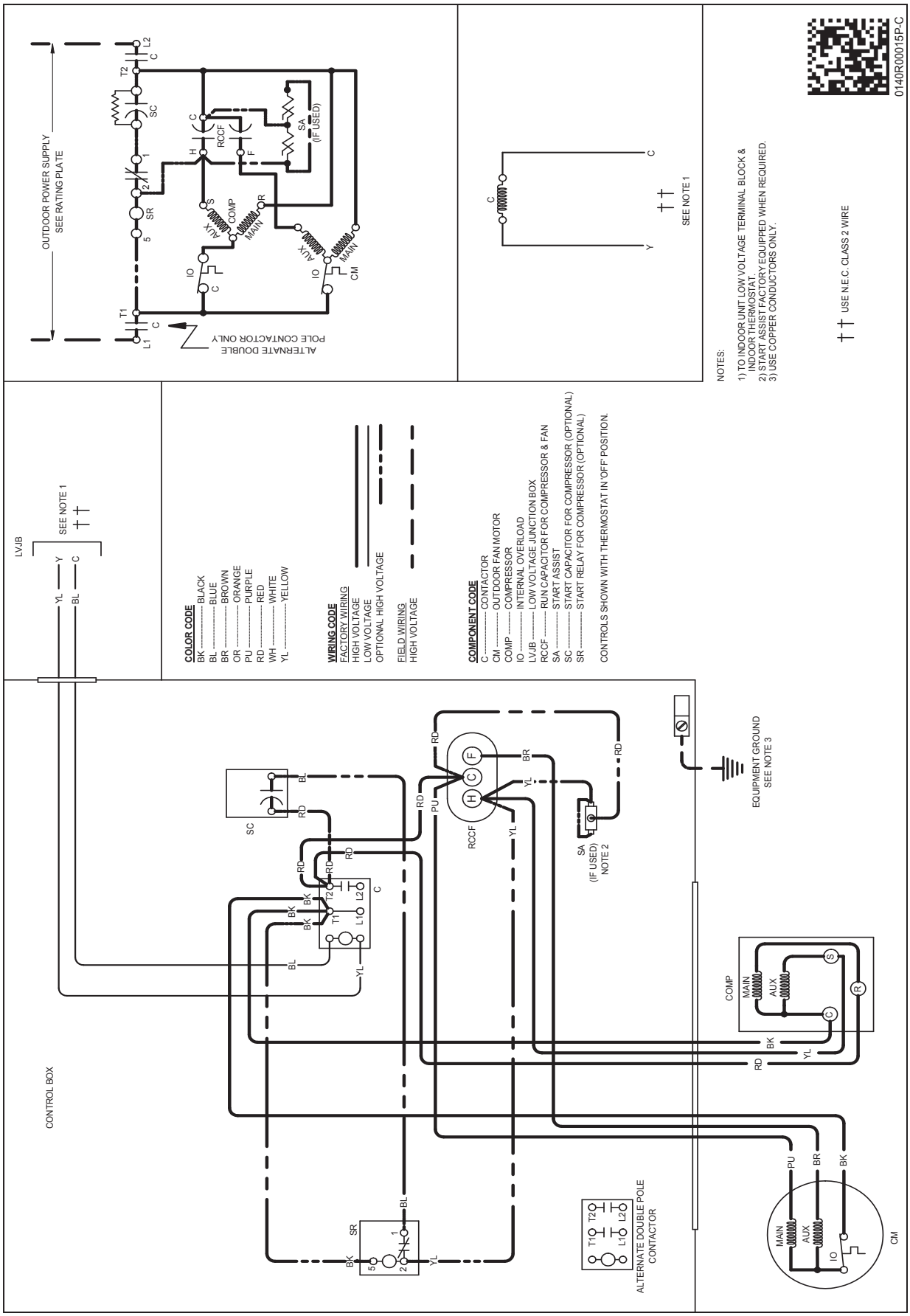
High and low pressures are measured at the liquid and suction service valves.

kW = Total system power



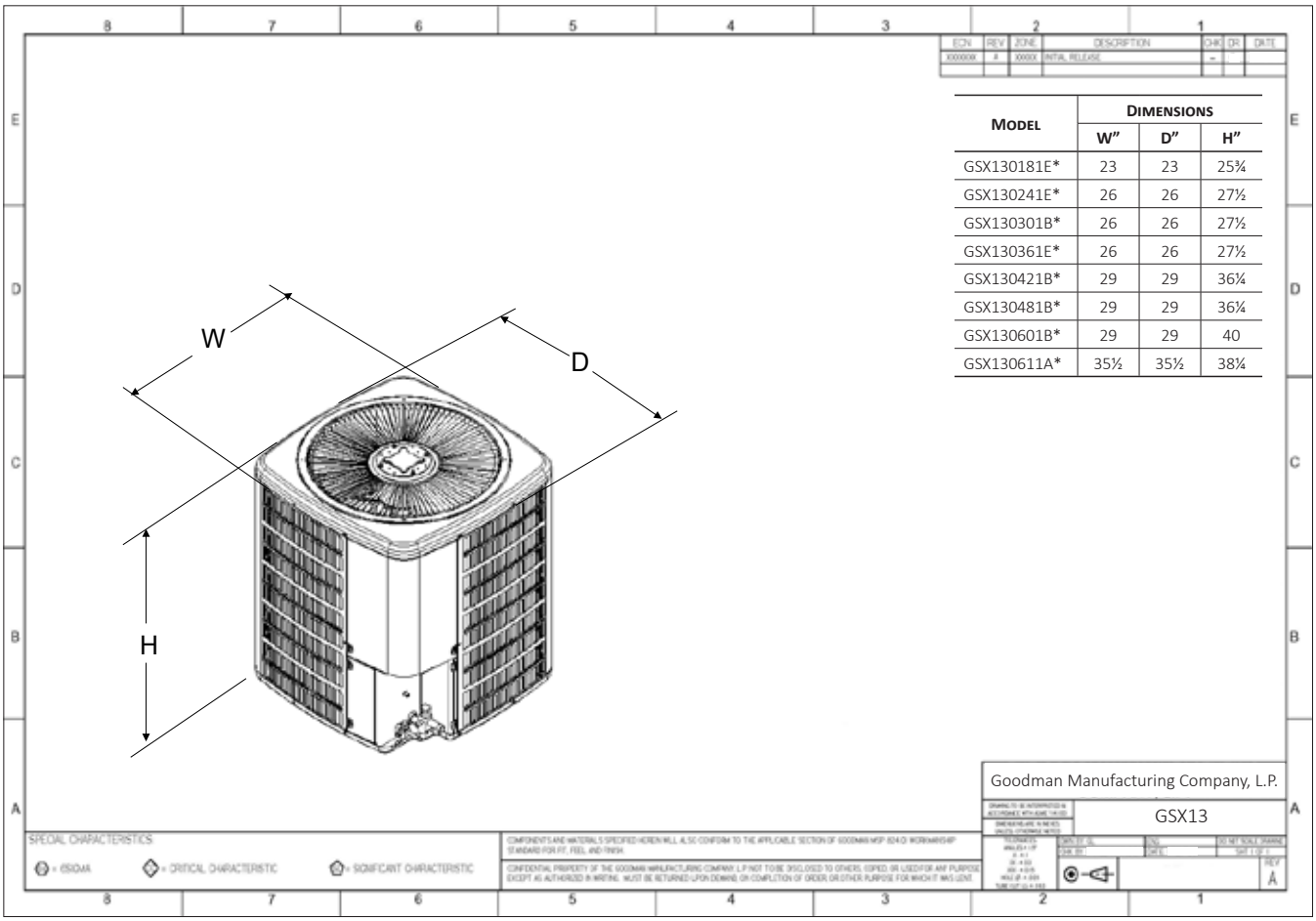

**WARNING** **High Voltage:** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

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




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

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




| Model | Dimensions | | |
|---|---|---|---|
| | W" | D" | H" |
| GSX130181E* | 23 | 23 | 25¾ |
| GSX130241E* | 26 | 26 | 27½ |
| GSX130301B* | 26 | 26 | 27½ |
| GSX130361E* | 26 | 26 | 27½ |
| GSX130421B* | 29 | 29 | 36¼ |
| GSX130481B* | 29 | 29 | 36¼ |
| GSX130601B* | 29 | 29 | 40 |
| GSX130611A* | 35½ | 35½ | 38¼ |

## *Accessories*

| Model # | Description | GSX13 018E* | GSX13 024E*/F* | GSX13 030B*/L* | GSX13 036E* | EGSX13 042** | GSX13 048** | GSX13 060** | GSX13 061** |
|---|---|---|---|---|---|---|---|---|---|
| ABK-20 | Anchor Bracket Kit ^ | | X | X | X | X | X | X | X |
| ABK-21 | Anchor Bracket Kit ^ | X | | | | | | | |
| ASC-01 | Anti-Short Cycle Kit | X | X | X | X | X | X | X | X |
| CSR-U-1 | Hard-start Kit | X | X | X | X | | | | |
| CSR-U-2 | Hard-start Kit | | | | | X | X | X | X |
| CSR-U-3 | Hard-start Kit | | | | | | X | X | X |
| FSK01A[1] | Freeze Protection Kit | X | X | X | X | X | X | X | X |
| LSK02A[2] | Liquid Line Solenoid Kit | X | X | X | X | X | X | X | X |
| 0130R00000S | Low-Pressure Switch Kit | X | X | X | X | X | X | X | X |
| LAKT01A | Low-Ambient Kit | X | X | X | X | X | X | X | X |
| TX2N4A[2] | TXV Kit | X | X | | | | | | |
| TX3N4[2] | TXV Kit | | | X | X | | | | |
| TX5N4[2] | TXV Kit | | | | | X | X | X | X |

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

[1] Installed on indoor coil

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

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

Our continuing commitment to quality products may mean a change in specifications without notice.
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