



Air Conditioning & Heating

# GLZT7C

## HIGH-EFFICIENCY, COMMUNICATING, R-32 SPLIT SYSTEM HEAT PUMP

UP TO 17.2 SEER2 AND 8.2 HSPF2



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### Standard Features

- Two-Stage Copeland® UltraTech scroll compressor
- High-density foam compressor sound blanket
- Integrated communicating ComfortBridge™ technology
- Commissioning and diagnostics via indoor board Bluetooth with the CoolCloud™ phone and tablet application
- Goodman® GTST Connected Thermostat Compatibility
- ComfortAlert™ built in diagnostics
- Copper tube/enhanced aluminum fin coil - 5mm on 2.0-3.0T
- Copper tube/enhanced aluminum fin coil - 7mm on 4.0-5.0 T
- Efficient, two-speed ECM condenser fan motor
- Simple low-voltage wiring to outdoor unit in communicating mode
- Diagnostic indicator lights and storage of six fault codes
- Color-coded terminal strip for non-communicating set-up
- High- and low-pressure switches
- Time-delay technology with short-cycle protection to ensure quiet, reliable defrost
- Factory-installed bi-flow liquid-line filter drier
- Factory-installed suction-line accumulator
- Factory-installed compressor crankcase heater
- Factory-installed high-capacity muffler
- Factory-installed coil and ambient temperature sensors
- AHRI Certified; ETL Listed

### Cabinet Features

- Grille-style sound control top design
- Custom Nickel Gray powder-paint finish
- 500-hour salt-spray tested
- Wire fan discharge grille
- Steel louver coil guard
- Single panel access to controls
- with space provided for field-installed accessories
- Sweat connection service valves
- with easy access to gauge ports
- When properly anchored, meets the 2024 Florida
- Building Code unit integrity requirements for
- hurricane-type winds (Anchor bracket kits available.)



Products that are recognized as the Most Efficient of ENERGY STAR® in 2024 prevent greenhouse gas emissions by meeting rigorous energy efficiency performance levels set by the U.S. Environmental Protection Agency.

\* Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).



\* Complete warranty details available from your local dealer or at [www.goodmanmfg.com](http://www.goodmanmfg.com). To receive the Lifetime Compressor Limited Warranty (good for as long as you own your home), 10-Year Compressor Replacement Limited Warranty and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration and some of the additional requirements are not required in Florida, California, or Québec. The duration of warranty coverage in Texas and Florida differs in some cases. Other limitations and exclusions apply; refer to complete warranty details for a full list of limitations and exclusions..

|                            |   |   |   |   |   |   |   |     |    |    |    |    |                                       |
|----------------------------|---|---|---|---|---|---|---|-----|----|----|----|----|---------------------------------------|
|                            | G | L | Z | T | 7 | C | A | 36  | 1  | 0  | A  | A  |                                       |
|                            | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8,9 | 10 | 11 | 12 | 13 |                                       |
| Brand                      |   |   |   |   |   |   |   |     |    |    |    |    | Minor Revision                        |
| G: Goodman                 |   |   |   |   |   |   |   |     |    |    |    |    | A: Initial Release<br>B: 1st Revision |
| Product Category           |   |   |   |   |   |   |   |     |    |    |    |    | Major Revision                        |
| L- Split System R-32       |   |   |   |   |   |   |   |     |    |    |    |    | A: Initial Release<br>B: 1st Revision |
| Outdoor Type               |   |   |   |   |   |   |   |     |    |    |    |    | Variation                             |
| Z: Heat Pump               |   |   |   |   |   |   |   |     |    |    |    |    |                                       |
|                            |   |   |   |   |   |   |   |     |    |    |    |    | Electrical                            |
|                            |   |   |   |   |   |   |   |     |    |    |    |    | 208/230 V, 1 Phase, 60 Hz             |
| COMPRESSOR TYPE            |   |   |   |   |   |   |   |     |    |    |    |    | Nominal Capacity                      |
| T: Two Stage               |   |   |   |   |   |   |   |     |    |    |    |    | 24 - 2 tons    48- 4 Tons             |
|                            |   |   |   |   |   |   |   |     |    |    |    |    | 36 - 3 tons    60- 5 Tons             |
| NOMINAL EFFICIENCY (SEER2) |   |   |   |   |   |   |   |     |    |    |    |    | Region                                |
| 17.0 - 17.9=7              |   |   |   |   |   |   |   |     |    |    |    |    | A: All Regions                        |
|                            |   |   |   |   |   |   |   |     |    |    |    |    | FEATURE APPLICATION                   |
|                            |   |   |   |   |   |   |   |     |    |    |    |    | C: Communicating (Top Flow)           |

|                                          | GLZT7CA<br>2410A*                                                                   | GLZT7CA<br>610A*                                                                    | GLZT7CA<br>4810A*                                                                     | GLZT7CA<br>6010A*                                                                     |
|------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>NOMINAL CAPACITIES</b>                |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| Cooling (BTU/h)                          | 24,000                                                                              | 36,000                                                                              | 48,000                                                                                | 60,000                                                                                |
| Heating (BTU/h)                          | 24,000                                                                              | 36,000                                                                              | 48,000                                                                                | 60,000                                                                                |
| Decibels                                 | 72                                                                                  | 71                                                                                  | 75                                                                                    | 75                                                                                    |
| <b>COMPRESSOR</b>                        |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| RLA                                      | 9.9                                                                                 | 14.6                                                                                | 23.3                                                                                  | 27.1                                                                                  |
| LRA                                      | 67.5                                                                                | 91.0                                                                                | 128.4                                                                                 | 178.0                                                                                 |
| Stage                                    | Two                                                                                 | Two                                                                                 | Two                                                                                   | Two                                                                                   |
| Type                                     | Scroll                                                                              | Scroll                                                                              | Scroll                                                                                | Scroll                                                                                |
| <b>CONDENSER FAN MOTOR</b>               |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| Motor Type                               | ECM                                                                                 | ECM                                                                                 | ECM                                                                                   | ECM                                                                                   |
| Horsepower                               | 1/3                                                                                 | 1/3                                                                                 | 1/3                                                                                   | 1/3                                                                                   |
| FLA                                      | 2.80                                                                                | 2.80                                                                                | 2.80                                                                                  | 2.80                                                                                  |
| <b>REFRIGERATION SYSTEM</b>              |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| Refrigerant Line Size <sup>1</sup>       |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| Liquid Line Size ("O.D.)                 | 3/8"                                                                                | 3/8"                                                                                | 3/8"                                                                                  | 3/8"                                                                                  |
| Suction Line Size ("O.D.)                | 3/4"                                                                                | 7/8"                                                                                | 1 1/8"                                                                                | 1 1/8"                                                                                |
| Refrigerant Connection Size              |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| Liquid Valve Size ("O.D.)                | 3/8"                                                                                | 3/8"                                                                                | 3/8"                                                                                  | 3/8"                                                                                  |
| Suction Valve Size ("O.D.)               | 3/4"                                                                                | 7/8"                                                                                | 1 1/8"                                                                                | 1 1/8"                                                                                |
| Valve Connection Type                    | Sweat                                                                               | Sweat                                                                               | Sweat                                                                                 | Sweat                                                                                 |
| Refrigerant Charge (oz.)                 | 103                                                                                 | 129                                                                                 | 229                                                                                   | 198                                                                                   |
| <b>ELECTRICAL DATA</b>                   |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| Voltage-Phase-Hz                         | 208/230-1-60                                                                        | 208/230-1-60                                                                        | 208/230-1-60                                                                          | 208/230-1-60                                                                          |
| Minimum Circuit Ampacity <sup>2</sup>    | 15.0                                                                                | 20.8                                                                                | 31.6                                                                                  | 36.4                                                                                  |
| Max. Overcurrent Protection <sup>3</sup> | 20                                                                                  | 35                                                                                  | 50                                                                                    | 60                                                                                    |
| Min / Max Volts                          | 197/253                                                                             | 197/253                                                                             | 197/253                                                                               | 197/253                                                                               |
| Electrical Conduit Size                  | 1/2" or 3/4"                                                                        | 1/2" or 3/4"                                                                        | 1/2" or 3/4"                                                                          | 1/2" or 3/4"                                                                          |
| <b>UNIT WEIGHTS</b>                      |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| Equipment Weight                         | 219                                                                                 | 262                                                                                 | 308                                                                                   | 306                                                                                   |
| Shipping Weight                          | 235                                                                                 | 277                                                                                 | 323                                                                                   | 321                                                                                   |
| <b>ENERGY STAR® CERTIFIED ^</b>          |  |  |  |  |

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

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

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

#### NOTES

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

#### ^ ENERGY STAR NOTES

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

| DB: Entering Indoor Dry Bulb Temperature<br>high and low pressures are measured at the liquid and suction service valves. | Shaded area reflects ACCA (TVA) conditions | kW = Total system power<br>Amps = outdoor unit amps (compressor + fan) |
|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------------|
|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------------|

| IDB |     | AIRFLOW  |       | OUTDOOR AMBIENT TEMPERATURE          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |  |  |  |  |       |  |  |  |
|-----|-----|----------|-------|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|--|--|--|-------|--|--|--|
|     |     |          |       | 75°F                                 |       |       |       |       |       |       |       | 85°F  |       |       |       |       |       |       |       | 95°F  |       |       |       | 105°F |       |       |  |  |  |  |  | 115°F |  |  |  |
|     |     |          |       | ENTERING INDOOR WET BULB TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |  |  |  |  |       |  |  |  |
| 80  | 700 | Capacity | 24626 | 24970                                | 25700 | 26814 | 24407 | 24752 | 25481 | 26595 | 23769 | 24114 | 24844 | 25958 | 22672 | 23017 | 23747 | 24861 | 21332 | 21677 | 22406 | 23520 | 20108 | 20453 | 21182 | 22296 |  |  |  |  |  |       |  |  |  |
|     |     | S/T      | 1.00  | 0.79                                 | 0.66  | 0.52  | 1.00  | 0.80  | 0.66  | 0.52  | 1.00  | 0.82  | 0.69  | 0.55  | 1.00  | 1.00  | 0.71  | 0.57  | 1.00  | 1.00  | 0.73  | 0.59  | 1.00  | 1.00  | 0.78  | 0.64  |  |  |  |  |  |       |  |  |  |
|     |     | Evap dT  | 28    | 26                                   | 23    | 19    | 28    | 26    | 22    | 19    | 28    | 26    | 23    | 19    | 28    | 26    | 22    | 19    | 27    | 26    | 22    | 19    | 29    | 27    | 23    | 20    |  |  |  |  |  |       |  |  |  |
|     |     | Pr Suc   | 127   | 129                                  | 132   | 137   | 135   | 136   | 139   | 145   | 141   | 143   | 146   | 152   | 147   | 149   | 152   | 157   | 153   | 154   | 157   | 163   | 160   | 161   | 164   | 170   |  |  |  |  |  |       |  |  |  |
|     |     | Pr Dis   | 237   | 238                                  | 240   | 244   | 274   | 275   | 277   | 281   | 313   | 314   | 316   | 320   | 355   | 356   | 358   | 362   | 400   | 402   | 403   | 407   | 449   | 450   | 451   | 456   |  |  |  |  |  |       |  |  |  |
|     |     | Amps     | 4.6   | 4.6                                  | 4.6   | 4.6   | 5.2   | 5.2   | 5.2   | 5.2   | 5.9   | 5.9   | 5.9   | 5.9   | 6.6   | 6.6   | 6.6   | 6.7   | 7.5   | 7.5   | 7.5   | 7.5   | 8.5   | 8.5   | 8.5   | 8.5   |  |  |  |  |  |       |  |  |  |
| 80  | 775 | kW       | 1.24  | 1.23                                 | 1.23  | 1.24  | 1.38  | 1.38  | 1.38  | 1.39  | 1.54  | 1.54  | 1.54  | 1.55  | 1.71  | 1.71  | 1.71  | 1.72  | 1.90  | 1.90  | 1.90  | 1.91  | 2.13  | 2.13  | 2.13  | 2.14  |  |  |  |  |  |       |  |  |  |
|     |     | Capacity | 24879 | 25224                                | 25953 | 27067 | 24660 | 25005 | 25734 | 26849 | 24023 | 24367 | 25097 | 26211 | 22926 | 23270 | 24000 | 25114 | 21585 | 21930 | 22659 | 23773 | 20361 | 20706 | 21435 | 22549 |  |  |  |  |  |       |  |  |  |
|     |     | S/T      | 1.00  | 0.83                                 | 0.70  | 0.56  | 1.00  | 0.84  | 0.71  | 0.57  | 1.00  | 0.86  | 0.73  | 0.59  | 1.00  | 1.00  | 0.75  | 0.61  | 1.00  | 1.00  | 0.77  | 0.63  | 1.00  | 1.00  | 0.82  | 0.68  |  |  |  |  |  |       |  |  |  |
|     |     | Evap dT  | 27    | 25                                   | 22    | 18    | 27    | 25    | 22    | 18    | 27    | 25    | 22    | 18    | 27    | 25    | 22    | 18    | 27    | 25    | 21    | 18    | 28    | 26    | 23    | 19    |  |  |  |  |  |       |  |  |  |
|     |     | Pr Suc   | 128   | 130                                  | 133   | 139   | 136   | 138   | 141   | 146   | 143   | 144   | 148   | 153   | 149   | 150   | 153   | 159   | 154   | 156   | 159   | 164   | 161   | 163   | 166   | 171   |  |  |  |  |  |       |  |  |  |
|     |     | Pr Dis   | 239   | 240                                  | 241   | 245   | 276   | 277   | 278   | 283   | 315   | 316   | 317   | 322   | 357   | 358   | 359   | 364   | 402   | 403   | 405   | 409   | 450   | 451   | 453   | 457   |  |  |  |  |  |       |  |  |  |
|     |     | Amps     | 4.6   | 4.6                                  | 4.6   | 4.6   | 5.2   | 5.2   | 5.2   | 5.2   | 5.9   | 5.9   | 5.9   | 5.9   | 6.7   | 6.7   | 6.7   | 6.7   | 7.5   | 7.5   | 7.5   | 7.5   | 8.5   | 8.5   | 8.5   | 8.5   |  |  |  |  |  |       |  |  |  |
|     |     | kW       | 1.24  | 1.24                                 | 1.24  | 1.25  | 1.38  | 1.38  | 1.38  | 1.39  | 1.54  | 1.54  | 1.54  | 1.55  | 1.72  | 1.72  | 1.72  | 1.72  | 1.91  | 1.91  | 1.91  | 1.92  | 2.14  | 2.14  | 2.13  | 2.14  |  |  |  |  |  |       |  |  |  |
|     |     | Capacity | 25390 | 25735                                | 26464 | 27578 | 25171 | 25516 | 26245 | 27360 | 24534 | 24878 | 25608 | 26722 | 23437 | 23782 | 24511 | 25625 | 22096 | 22441 | 23170 | 24284 | 20872 | 21217 | 21946 | 23061 |  |  |  |  |  |       |  |  |  |
|     |     | S/T      | 1.00  | 0.87                                 | 0.74  | 0.60  | 1.00  | 0.88  | 0.75  | 0.60  | 1.00  | 1.00  | 0.77  | 0.63  | 1.00  | 1.00  | 0.79  | 0.65  | 1.00  | 1.00  | 0.81  | 0.67  | 1.00  | 1.00  | 1.00  | 0.72  |  |  |  |  |  |       |  |  |  |
|     |     | Evap dT  | 26    | 24                                   | 20    | 17    | 26    | 24    | 20    | 17    | 26    | 24    | 21    | 17    | 26    | 24    | 20    | 17    | 25    | 24    | 20    | 17    | 27    | 25    | 21    | 18    |  |  |  |  |  |       |  |  |  |
|     |     | Pr Suc   | 131   | 133                                  | 136   | 141   | 139   | 140   | 144   | 149   | 146   | 147   | 150   | 156   | 151   | 153   | 156   | 161   | 157   | 158   | 162   | 167   | 164   | 165   | 169   | 174   |  |  |  |  |  |       |  |  |  |
| 900 |     | Pr Dis   | 241   | 242                                  | 244   | 248   | 278   | 279   | 281   | 285   | 317   | 318   | 320   | 324   | 359   | 360   | 362   | 366   | 405   | 406   | 407   | 411   | 453   | 454   | 456   | 460   |  |  |  |  |  |       |  |  |  |
|     |     | Amps     | 4.6   | 4.6                                  | 4.6   | 4.7   | 5.3   | 5.2   | 5.2   | 5.3   | 5.9   | 5.9   | 5.9   | 6.0   | 6.7   | 6.7   | 6.7   | 6.7   | 7.5   | 7.5   | 7.5   | 7.6   | 8.5   | 8.5   | 8.5   | 8.6   |  |  |  |  |  |       |  |  |  |
|     |     | kW       | 1.25  | 1.25                                 | 1.25  | 1.26  | 1.39  | 1.39  | 1.39  | 1.40  | 1.55  | 1.55  | 1.55  | 1.56  | 1.73  | 1.72  | 1.72  | 1.73  | 1.92  | 1.92  | 1.91  | 1.93  | 2.15  | 2.14  | 2.14  | 2.15  |  |  |  |  |  |       |  |  |  |

|     |     |          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----|-----|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 85  | 700 | Capacity | 25037 | 25382 | 26111 | 27225 | 24818 | 25163 | 25893 | 27007 | 24181 | 24526 | 25255 | 26369 | 23084 | 23429 | 24158 | 25272 | 21743 | 22088 | 22817 | 23932 | 20519 | 20864 | 21594 | 22708 |
|     |     | S/T      | 1.00  | 0.89  | 0.76  | 0.62  | 1.00  | 1.00  | 0.76  | 0.62  | 1.00  | 1.00  | 0.79  | 0.65  | 1.00  | 1.00  | 0.81  | 0.67  | 1.00  | 1.00  | 1.00  | 0.69  | 1.00  | 1.00  | 1.00  | 0.74  |
|     |     | Evap dT  | 31    | 30    | 26    | 23    | 31    | 30    | 26    | 23    | 32    | 30    | 26    | 23    | 31    | 29    | 26    | 22    | 31    | 29    | 26    | 22    | 32    | 30    | 27    | 23    |
|     |     | Pr Suc   | 129   | 130   | 134   | 139   | 137   | 138   | 141   | 147   | 143   | 145   | 148   | 153   | 149   | 151   | 154   | 159   | 155   | 156   | 159   | 165   | 162   | 163   | 166   | 172   |
|     |     | Pr Dis   | 238   | 239   | 241   | 245   | 275   | 276   | 278   | 282   | 314   | 315   | 317   | 321   | 356   | 357   | 359   | 363   | 402   | 403   | 404   | 408   | 450   | 451   | 453   | 457   |
|     |     | Amps     | 4.6   | 4.6   | 4.6   | 4.6   | 5.2   | 5.2   | 5.2   | 5.2   | 5.9   | 5.9   | 5.9   | 5.9   | 6.7   | 6.6   | 6.6   | 6.7   | 7.5   | 7.5   | 7.5   | 7.5   | 8.5   | 8.5   | 8.5   | 8.5   |
| 85  | 775 | kW       | 1.24  | 1.24  | 1.24  | 1.25  | 1.38  | 1.38  | 1.38  | 1.39  | 1.54  | 1.54  | 1.54  | 1.55  | 1.71  | 1.71  | 1.71  | 1.72  | 1.91  | 1.91  | 1.91  | 1.92  | 2.13  | 2.13  | 2.13  | 2.14  |
|     |     | Capacity | 25290 | 25635 | 26364 | 27479 | 25072 | 25416 | 26146 | 27260 | 24434 | 24779 | 25508 | 26622 | 23337 | 23682 | 24411 | 25525 | 21996 | 22341 | 23071 | 24185 | 20772 | 21117 | 21847 | 22961 |
|     |     | S/T      | 1.00  | 0.93  | 0.80  | 0.66  | 1.00  | 1.00  | 0.81  | 0.67  | 1.00  | 1.00  | 0.83  | 0.69  | 1.00  | 1.00  | 0.85  | 0.71  | 1.00  | 1.00  | 1.00  | 0.73  | 1.00  | 1.00  | 1.00  | 0.78  |
|     |     | Evap dT  | 31    | 29    | 25    | 22    | 31    | 29    | 25    | 22    | 31    | 29    | 25    | 22    | 31    | 29    | 25    | 22    | 30    | 28    | 25    | 21    | 31    | 30    | 26    | 23    |
|     |     | Pr Suc   | 130   | 132   | 135   | 140   | 138   | 140   | 143   | 148   | 145   | 146   | 149   | 155   | 150   | 152   | 155   | 161   | 156   | 158   | 161   | 166   | 163   | 165   | 168   | 173   |
|     |     | Pr Dis   | 240   | 241   | 242   | 246   | 277   | 278   | 280   | 284   | 316   | 317   | 319   | 323   | 358   | 359   | 361   | 365   | 403   | 404   | 406   | 410   | 451   | 452   | 454   | 458   |
| 900 | 775 | Amps     | 4.6   | 4.6   | 4.6   | 4.6   | 5.2   | 5.2   | 5.2   | 5.3   | 5.9   | 5.9   | 5.9   | 6.0   | 6.7   | 6.7   | 6.7   | 6.7   | 7.5   | 7.5   | 7.5   | 7.5   | 8.5   | 8.5   | 8.5   | 8.5   |
|     |     | kW       | 1.24  | 1.24  | 1.24  | 1.25  | 1.39  | 1.39  | 1.39  | 1.40  | 1.55  | 1.55  | 1.55  | 1.56  | 1.72  | 1.72  | 1.72  | 1.73  | 1.91  | 1.91  | 1.91  | 1.92  | 2.14  | 2.14  | 2.14  | 2.15  |
|     |     | Capacity | 25801 | 26146 | 26875 | 27990 | 25583 | 25928 | 26657 | 27771 | 24945 | 25290 | 26019 | 27133 | 23848 | 24193 | 24922 | 26037 | 22507 | 22852 | 23582 | 24696 | 21283 | 21628 | 22358 | 23472 |
|     |     | S/T      | 1.00  | 0.97  | 0.84  | 0.70  | 1.00  | 1.00  | 0.85  | 0.70  | 1.00  | 1.00  | 0.87  | 0.73  | 1.00  | 1.00  | 0.89  | 0.75  | 1.00  | 1.00  | 1.00  | 0.77  | 1.00  | 1.00  | 1.00  | 0.82  |
|     |     | Evap dT  | 29    | 28    | 24    | 21    | 29    | 27    | 24    | 20    | 30    | 28    | 24    | 21    | 29    | 27    | 24    | 20    | 29    | 27    | 24    | 20    | 30    | 28    | 25    | 21    |
|     |     | Pr Suc   | 133   | 135   | 138   | 143   | 141   | 142   | 145   | 151   | 147   | 149   | 152   | 158   | 153   | 155   | 158   | 163   | 159   | 160   | 163   | 169   | 166   | 167   | 170   | 176   |
| 900 | 775 | Pr Dis   | 242   | 243   | 245   | 249   | 279   | 280   | 282   | 286   | 318   | 319   | 321   | 325   | 360   | 361   | 363   | 367   | 406   | 407   | 408   | 412   | 454   | 455   | 457   | 461   |
|     |     | Amps     | 4.6   | 4.6   | 4.6   | 4.7   | 5.3   | 5.3   | 5.2   | 5.3   | 6.0   | 6.0   | 5.9   | 6.0   | 6.7   | 6.7   | 6.7   | 6.7   | 7.5   | 7.5   | 7.5   | 7.6   | 8.5   | 8.5   | 8.5   | 8.6   |
|     |     | kW       | 1.25  | 1.25  | 1.25  | 1.26  | 1.40  | 1.39  | 1.39  | 1.40  | 1.56  | 1.55  | 1.55  | 1.56  | 1.73  | 1.73  | 1.72  | 1.74  | 1.92  | 1.92  | 1.92  | 1.93  | 2.15  | 2.15  | 2.14  | 2.16  |

IDB: Entering Indoor Dry Bulb Temperature

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

Shaded area reflects AHRI (TVA) conditions

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

|     |          |       | OUTDOOR AMBIENT TEMPERATURE          |       |    |       |       |       |      |       |       |       |    |       |       |       |    |       |       |       |      |       |       |       |    |    |       |    |    |  |  |  |       |  |  |  |  |  |
|-----|----------|-------|--------------------------------------|-------|----|-------|-------|-------|------|-------|-------|-------|----|-------|-------|-------|----|-------|-------|-------|------|-------|-------|-------|----|----|-------|----|----|--|--|--|-------|--|--|--|--|--|
|     |          |       | 65°F                                 |       |    |       |       |       | 75°F |       |       |       |    |       | 85°F  |       |    |       |       |       | 95°F |       |       |       |    |    | 105°F |    |    |  |  |  | 115°F |  |  |  |  |  |
|     |          |       | ENTERING INDOOR WET BULB TEMPERATURE |       |    |       |       |       |      |       |       |       |    |       |       |       |    |       |       |       |      |       |       |       |    |    |       |    |    |  |  |  |       |  |  |  |  |  |
| IDB | AIRFLOW  | 59    | 63                                   | 67    | 71 | 59    | 63    | 67    | 71   | 59    | 63    | 67    | 71 | 59    | 63    | 67    | 71 | 59    | 63    | 67    | 71   | 59    | 63    | 67    | 71 | 59 | 63    | 67 | 71 |  |  |  |       |  |  |  |  |  |
| 70  | Capacity | 17605 | 17853                                | 18377 | -  | 17447 | 17695 | 18220 | -    | 16989 | 17237 | 17761 | -  | 16200 | 16448 | 16973 | -  | 15236 | 15484 | 16009 | -    | 14356 | 14604 | 15129 | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
|     | S/T      | 0.63  | 0.55                                 | 0.42  | -  | 0.64  | 0.56  | 0.42  | -    | 1.00  | 0.59  | 0.45  | -  | 1.00  | 0.61  | 0.47  | -  | 1.00  | 0.63  | 0.49  | -    | 1.00  | 1.00  | 0.54  | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
|     | Evap dT  | 19    | 17                                   | 14    | -  | 19    | 17    | 14    | -    | 19    | 17    | 14    | -  | 19    | 17    | 14    | -  | 19    | 17    | 14    | -    | 20    | 18    | 15    | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
|     | Pr Suc   | 130   | 132                                  | 135   | -  | 138   | 139   | 143   | -    | 145   | 146   | 150   | -  | 151   | 152   | 155   | -  | 156   | 158   | 161   | -    | 163   | 165   | 168   | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
|     | Pr Dis   | 130   | 227                                  | 229   | -  | 262   | 263   | 264   | -    | 299   | 300   | 301   | -  | 339   | 340   | 342   | -  | 382   | 383   | 385   | -    | 428   | 429   | 431   | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
|     | Amps     | 2.9   | 2.9                                  | 2.9   | -  | 3.3   | 3.3   | 3.3   | -    | 3.7   | 3.7   | 3.7   | -  | 4.2   | 4.2   | 4.2   | -  | 4.7   | 4.7   | 4.7   | -    | 5.3   | 5.3   | 5.3   | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
|     | kW       | 0.78  | 0.78                                 | 0.78  | -  | 0.87  | 0.87  | 0.87  | -    | 0.97  | 0.97  | 0.97  | -  | 1.08  | 1.08  | 1.07  | -  | 1.20  | 1.20  | 1.20  | -    | 1.34  | 1.34  | 1.34  | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
| 70  | Capacity | 17787 | 18035                                | 18559 | -  | 17629 | 17877 | 18402 | -    | 17171 | 17419 | 17943 | -  | 16382 | 16630 | 17155 | -  | 15418 | 15666 | 16191 | -    | 14538 | 14786 | 15311 | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
|     | S/T      | 0.68  | 0.60                                 | 0.46  | -  | 0.68  | 0.60  | 0.47  | -    | 1.00  | 0.63  | 0.49  | -  | 1.00  | 0.65  | 0.51  | -  | 1.00  | 0.67  | 0.53  | -    | 1.00  | 1.00  | 0.59  | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
|     | Evap dT  | 18    | 16                                   | 13    | -  | 18    | 16    | 13    | -    | 18    | 17    | 13    | -  | 18    | 16    | 13    | -  | 18    | 16    | 13    | -    | 19    | 17    | 14    | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
|     | Pr Suc   | 131   | 133                                  | 136   | -  | 139   | 141   | 144   | -    | 146   | 148   | 151   | -  | 152   | 154   | 157   | -  | 158   | 159   | 163   | -    | 165   | 167   | 170   | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
|     | Pr Dis   | 227   | 228                                  | 230   | -  | 263   | 264   | 266   | -    | 300   | 301   | 303   | -  | 340   | 341   | 343   | -  | 384   | 385   | 386   | -    | 430   | 431   | 432   | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
|     | Amps     | 2.9   | 2.9                                  | 2.9   | -  | 3.3   | 3.3   | 3.3   | -    | 3.7   | 3.7   | 3.7   | -  | 4.2   | 4.2   | 4.2   | -  | 4.7   | 4.7   | 4.7   | -    | 5.3   | 5.3   | 5.3   | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
|     | kW       | 0.78  | 0.78                                 | 0.78  | -  | 0.87  | 0.87  | 0.87  | -    | 0.97  | 0.97  | 0.97  | -  | 1.08  | 1.08  | 1.08  | -  | 1.20  | 1.20  | 1.20  | -    | 1.34  | 1.34  | 1.34  | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
| 630 | Capacity | 18154 | 18402                                | 18926 | -  | 17997 | 18245 | 18769 | -    | 17538 | 17786 | 18311 | -  | 16750 | 16998 | 17522 | -  | 15786 | 16034 | 16558 | -    | 14906 | 15154 | 15678 | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
|     | S/T      | 0.72  | 0.64                                 | 0.50  | -  | 0.72  | 0.64  | 0.51  | -    | 1.00  | 0.67  | 0.53  | -  | 1.00  | 0.69  | 0.55  | -  | 1.00  | 0.71  | 0.57  | -    | 1.00  | 1.00  | 0.63  | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
|     | Evap dT  | 17    | 15                                   | 12    | -  | 17    | 15    | 12    | -    | 17    | 15    | 12    | -  | 17    | 15    | 12    | -  | 17    | 15    | 12    | -    | 18    | 16    | 13    | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
|     | Pr Suc   | 134   | 136                                  | 139   | -  | 142   | 144   | 147   | -    | 149   | 151   | 154   | -  | 155   | 156   | 160   | -  | 161   | 162   | 165   | -    | 168   | 169   | 173   | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
|     | Pr Dis   | 230   | 231                                  | 232   | -  | 265   | 266   | 268   | -    | 303   | 304   | 305   | -  | 343   | 344   | 345   | -  | 386   | 387   | 389   | -    | 432   | 433   | 435   | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
|     | Amps     | 2.9   | 2.9                                  | 2.9   | -  | 3.3   | 3.3   | 3.3   | -    | 3.7   | 3.7   | 3.7   | -  | 4.2   | 4.2   | 4.2   | -  | 4.7   | 4.7   | 4.7   | -    | 5.4   | 5.4   | 5.4   | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |
|     | kW       | 0.79  | 0.79                                 | 0.78  | -  | 0.88  | 0.88  | 0.87  | -    | 0.98  | 0.98  | 0.97  | -  | 1.09  | 1.08  | 1.08  | -  | 1.21  | 1.21  | 1.20  | -    | 1.35  | 1.35  | 1.35  | -  |    |       |    |    |  |  |  |       |  |  |  |  |  |

|     |          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 490 | Capacity | 17615 | 17863 | 18387 | 19188 | 17458 | 17706 | 18230 | 19031 | 16999 | 17247 | 17772 | 18573 | 16210 | 16458 | 16983 | 17784 | 15247 | 15495 | 16019 | 16820 | 14367 | 14615 | 15139 | 15940 |
|     | S/T      | 0.76  | 0.68  | 0.55  | 0.40  | 1.00  | 0.69  | 0.55  | 0.41  | 1.00  | 0.72  | 0.58  | 0.43  | 1.00  | 0.74  | 0.60  | 0.45  | 1.00  | 1.00  | 0.62  | 0.48  | 1.00  | 1.00  | 0.67  | 0.53  |
|     | Evap dT  | 23    | 21    | 18    | 14    | 23    | 21    | 18    | 14    | 23    | 21    | 18    | 15    | 23    | 21    | 18    | 14    | 23    | 21    | 17    | 14    | 24    | 22    | 19    | 15    |
|     | Pr Suc   | 130   | 132   | 135   | 140   | 138   | 139   | 143   | 148   | 145   | 146   | 150   | 155   | 151   | 152   | 156   | 161   | 156   | 158   | 161   | 167   | 164   | 165   | 168   | 174   |
|     | Pr Dis   | 226   | 227   | 229   | 233   | 262   | 263   | 264   | 268   | 299   | 300   | 302   | 306   | 339   | 340   | 342   | 346   | 382   | 383   | 385   | 389   | 429   | 430   | 431   | 435   |
|     | Amps     | 2.9   | 2.9   | 2.9   | 2.9   | 3.3   | 3.3   | 3.3   | 3.3   | 3.7   | 3.7   | 3.7   | 3.7   | 4.2   | 4.2   | 4.2   | 4.2   | 4.7   | 4.7   | 4.7   | 4.7   | 5.3   | 5.3   | 5.3   | 5.3   |
|     | kW       | 0.78  | 0.78  | 0.77  | 0.78  | 0.87  | 0.87  | 0.86  | 0.87  | 0.87  | 0.97  | 0.97  | 0.97  | 0.97  | 1.08  | 1.08  | 1.07  | 1.08  | 1.20  | 1.20  | 1.20  | 1.20  | 1.34  | 1.34  | 1.34  |
| 543 | Capacity | 17797 | 18045 | 18569 | 19370 | 17640 | 17888 | 18412 | 19213 | 17181 | 17429 | 17954 | 18755 | 16393 | 16641 | 17165 | 17966 | 15429 | 15677 | 16201 | 17002 | 14549 | 14797 | 15321 | 16122 |
|     | S/T      | 0.81  | 0.73  | 0.59  | 0.45  | 1.00  | 0.74  | 0.60  | 0.45  | 1.00  | 0.76  | 0.62  | 0.48  | 1.00  | 0.78  | 0.64  | 0.50  | 1.00  | 1.00  | 0.67  | 0.52  | 1.00  | 1.00  | 0.72  | 0.57  |
|     | Evap dT  | 22    | 20    | 17    | 14    | 22    | 20    | 17    | 13    | 22    | 20    | 17    | 14    | 22    | 20    | 17    | 13    | 22    | 20    | 17    | 13    | 23    | 21    | 18    | 14    |
|     | Pr Suc   | 131   | 133   | 136   | 142   | 139   | 141   | 144   | 150   | 146   | 148   | 151   | 157   | 152   | 154   | 157   | 163   | 158   | 159   | 163   | 168   | 165   | 167   | 170   | 175   |
|     | Pr Dis   | 228   | 229   | 230   | 234   | 263   | 264   | 266   | 270   | 300   | 301   | 303   | 307   | 341   | 342   | 343   | 347   | 384   | 385   | 386   | 390   | 430   | 431   | 433   | 437   |
|     | Amps     | 2.9   | 2.9   | 2.9   | 2.9   | 3.3   | 3.3   | 3.3   | 3.3   | 3.7   | 3.7   | 3.7   | 3.7   | 4.2   | 4.2   | 4.2   | 4.2   | 4.7   | 4.7   | 4.7   | 4.7   | 5.3   | 5.3   | 5.3   | 5.4   |
|     | kW       | 0.78  | 0.78  | 0.78  | 0.79  | 0.87  | 0.87  | 0.87  | 0.88  | 0.88  | 0.97  | 0.97  | 0.97  | 0.98  | 1.08  | 1.08  | 1.08  | 1.20  | 1.20  | 1.20  | 1.21  | 1.34  | 1.34  | 1.34  | 1.35  |
| 630 | Capacity | 18164 | 18412 | 18937 | 19738 | 18007 | 18255 | 18780 | 19581 | 17549 | 17797 | 18321 | 19122 | 16760 | 17008 | 17532 | 18333 | 15796 | 16044 | 16568 | 17370 | 14916 | 15164 | 15688 | 16490 |
|     | S/T      | 1.00  | 0.77  | 0.63  | 0.49  | 1.00  | 0.78  | 0.64  | 0.49  | 1.00  | 0.80  | 0.66  | 0.52  | 1.00  | 1.00  | 0.68  | 0.54  | 1.00  | 1.00  | 0.71  | 0.56  | 1.00  | 1.00  | 0.76  | 0.61  |
|     | Evap dT  | 21    | 19    | 16    | 12    | 21    | 19    | 16    | 12    | 21    | 19    | 16    | 13    | 21    | 19    | 16    | 12    | 21    | 19    | 16    | 12    | 22    | 20    | 17    | 13    |
|     | Pr Suc   | 134   | 136   | 139   | 145   | 142   | 144   | 147   | 153   | 149   | 151   | 154   | 159   | 155   | 156   | 160   | 165   | 161   | 162   | 165   | 171   | 168   | 169   | 173   | 178   |
|     | Pr Dis   | 230   | 231   | 233   | 237   | 266   | 267   | 268   | 272   | 303   | 304   | 305   | 309   | 343   | 344   | 346   | 350   | 386   | 387   | 389   | 393   | 433   | 433   | 435   | 439   |
|     | Amps     | 2.9   | 2.9   | 2.9   | 2.9   | 3.3   | 3.3   | 3.3   | 3.3   | 3.7   | 3.7   | 3.7   | 3.8   | 4.2   | 4.2   | 4.2   | 4.2   | 4.7   | 4.7   | 4.7   | 4.8   | 5.4   | 5.4   | 5.3   | 5.4   |
|     | kW       | 0.79  | 0.78  | 0.78  | 0.79  | 0.88  | 0.87  | 0.87  | 0.88  | 0.88  | 0.98  | 0.98  | 0.97  | 0.98  | 1.08  | 1.08  | 1.08  | 1.21  | 1.21  | 1.21  | 1.20  | 1.35  | 1.35  | 1.35  | 1.35  |

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

Shaded area reflects ACCA (TVA) conditions

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

## EXPANDING COOLING DATA — GLZT7CA2410A\*+DMVT30BP1300A\* (70%) (CONT.)

|     |          | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----|----------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|     |          | 65°F                        |       |       |       | 75°F  |       |       |       | 85°F  |       |       |       | 95°F  |       |       |       | 105°F |       |       |       | 115°F |       |       |       |
| IDB | AIRFLOW  | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |
| 490 | Capacity | 17706                       | 17954 | 18478 | 19279 | 17549 | 17797 | 18321 | 19122 | 17090 | 17338 | 17863 | 18664 | 16301 | 16549 | 17074 | 17875 | 15338 | 15585 | 16110 | 16911 | 14458 | 14705 | 15230 | 16031 |
|     | S/T      | 1.00                        | 0.81  | 0.67  | 0.53  | 1.00  | 0.82  | 0.68  | 0.54  | 1.00  | 1.00  | 0.71  | 0.56  | 1.00  | 1.00  | 0.73  | 0.58  | 1.00  | 1.00  | 0.75  | 0.60  | 1.00  | 1.00  | 1.00  | 0.66  |
|     | Evap dT  | 27                          | 25    | 22    | 18    | 27    | 25    | 22    | 18    | 27    | 25    | 22    | 18    | 27    | 25    | 22    | 18    | 27    | 25    | 21    | 18    | 28    | 26    | 23    | 19    |
|     | Pr Suc   | 131                         | 132   | 135   | 141   | 138   | 140   | 143   | 149   | 145   | 147   | 150   | 156   | 151   | 153   | 156   | 162   | 157   | 159   | 162   | 167   | 164   | 166   | 169   | 174   |
|     | Pr Dis   | 227                         | 228   | 229   | 233   | 262   | 263   | 265   | 269   | 299   | 300   | 302   | 306   | 340   | 341   | 342   | 346   | 383   | 384   | 385   | 389   | 429   | 430   | 432   | 436   |
|     | Amps     | 2.9                         | 2.9   | 2.9   | 2.9   | 3.3   | 3.3   | 3.3   | 3.3   | 3.7   | 3.7   | 3.7   | 3.7   | 4.2   | 4.2   | 4.2   | 4.2   | 4.7   | 4.7   | 4.7   | 4.7   | 5.3   | 5.3   | 5.3   | 5.3   |
|     | kW       | 0.78                        | 0.78  | 0.78  | 0.78  | 0.87  | 0.87  | 0.87  | 0.87  | 0.97  | 0.97  | 0.97  | 0.97  | 1.08  | 1.08  | 1.07  | 1.08  | 1.20  | 1.20  | 1.20  | 1.20  | 1.34  | 1.34  | 1.34  | 1.35  |
| 543 | Capacity | 17888                       | 18136 | 18660 | 19461 | 17731 | 17979 | 18503 | 19304 | 17272 | 17520 | 18045 | 18846 | 16483 | 16731 | 17256 | 18057 | 15520 | 15768 | 16292 | 17093 | 14640 | 14888 | 15412 | 16213 |
|     | S/T      | 1.00                        | 0.86  | 0.72  | 0.57  | 1.00  | 0.86  | 0.73  | 0.58  | 1.00  | 1.00  | 0.75  | 0.61  | 1.00  | 1.00  | 0.77  | 0.63  | 1.00  | 1.00  | 0.79  | 0.65  | 1.00  | 1.00  | 1.00  | 0.70  |
|     | Evap dT  | 26                          | 24    | 21    | 17    | 26    | 24    | 21    | 17    | 26    | 24    | 21    | 18    | 26    | 24    | 21    | 17    | 26    | 24    | 21    | 17    | 27    | 25    | 22    | 18    |
|     | Pr Suc   | 132                         | 134   | 137   | 142   | 140   | 142   | 145   | 150   | 147   | 148   | 152   | 157   | 153   | 154   | 158   | 163   | 158   | 160   | 163   | 169   | 166   | 167   | 170   | 176   |
|     | Pr Dis   | 228                         | 229   | 231   | 235   | 264   | 265   | 266   | 270   | 301   | 302   | 303   | 307   | 341   | 342   | 344   | 348   | 384   | 385   | 387   | 391   | 431   | 432   | 433   | 437   |
|     | Amps     | 2.9                         | 2.9   | 2.9   | 2.9   | 3.3   | 3.3   | 3.3   | 3.3   | 3.7   | 3.7   | 3.7   | 3.7   | 4.2   | 4.2   | 4.2   | 4.2   | 4.7   | 4.7   | 4.7   | 4.7   | 5.3   | 5.3   | 5.3   | 5.4   |
|     | kW       | 0.78                        | 0.78  | 0.78  | 0.79  | 0.87  | 0.87  | 0.87  | 0.88  | 0.97  | 0.97  | 0.97  | 0.98  | 1.08  | 1.08  | 1.08  | 1.08  | 1.20  | 1.20  | 1.20  | 1.21  | 1.34  | 1.34  | 1.34  | 1.35  |
| 630 | Capacity | 18255                       | 18503 | 19028 | 19829 | 18098 | 18346 | 18871 | 19672 | 17640 | 17888 | 18412 | 19213 | 16851 | 17099 | 17623 | 18424 | 15887 | 16135 | 16659 | 17461 | 15007 | 15255 | 15779 | 16581 |
|     | S/T      | 1.00                        | 0.90  | 0.76  | 0.61  | 1.00  | 0.90  | 0.77  | 0.62  | 1.00  | 1.00  | 0.79  | 0.65  | 1.00  | 1.00  | 0.81  | 0.67  | 1.00  | 1.00  | 0.83  | 0.69  | 1.00  | 1.00  | 1.00  | 0.74  |
|     | Evap dT  | 25                          | 23    | 20    | 16    | 25    | 23    | 20    | 16    | 25    | 23    | 20    | 17    | 25    | 23    | 20    | 16    | 25    | 23    | 20    | 16    | 26    | 24    | 21    | 17    |
|     | Pr Suc   | 135                         | 136   | 140   | 145   | 143   | 144   | 148   | 153   | 150   | 151   | 155   | 160   | 155   | 157   | 160   | 166   | 161   | 163   | 166   | 172   | 168   | 170   | 173   | 179   |
|     | Pr Dis   | 230                         | 231   | 233   | 237   | 266   | 267   | 269   | 273   | 303   | 304   | 306   | 310   | 343   | 344   | 346   | 350   | 387   | 388   | 389   | 393   | 433   | 434   | 435   | 439   |
|     | Amps     | 2.9                         | 2.9   | 2.9   | 2.9   | 3.3   | 3.3   | 3.3   | 3.3   | 3.7   | 3.7   | 3.7   | 3.8   | 4.2   | 4.2   | 4.2   | 4.2   | 4.7   | 4.7   | 4.7   | 4.7   | 5.4   | 5.4   | 5.4   | 5.4   |
|     | kW       | 0.79                        | 0.79  | 0.78  | 0.79  | 0.88  | 0.88  | 0.87  | 0.88  | 0.98  | 0.98  | 0.98  | 0.97  | 0.98  | 1.09  | 1.08  | 1.08  | 1.09  | 1.21  | 1.21  | 1.20  | 1.21  | 1.35  | 1.35  | 1.35  |

|     |          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 490 | Capacity | 18002 | 18250 | 18774 | 19575 | 17844 | 18092 | 18617 | 19418 | 17386 | 17634 | 18158 | 18959 | 16597 | 16845 | 17370 | 18171 | 15633 | 15881 | 16406 | 17207 | 14753 | 15001 | 15526 | 16327 |
|     | S/T      | 1.00  | 0.91  | 0.78  | 0.63  | 1.00  | 1.00  | 0.78  | 0.64  | 1.00  | 1.00  | 0.81  | 0.66  | 1.00  | 1.00  | 0.83  | 0.68  | 1.00  | 1.00  | 1.00  | 0.71  | 1.00  | 1.00  | 1.00  | 0.76  |
|     | Evap dT  | 30    | 29    | 25    | 22    | 30    | 28    | 25    | 22    | 31    | 29    | 25    | 22    | 30    | 28    | 25    | 22    | 30    | 28    | 25    | 21    | 31    | 29    | 26    | 23    |
|     | Pr Suc   | 133   | 134   | 137   | 143   | 140   | 142   | 145   | 151   | 147   | 149   | 152   | 158   | 153   | 155   | 158   | 164   | 159   | 160   | 164   | 169   | 166   | 168   | 171   | 176   |
|     | Pr Dis   | 228   | 229   | 230   | 234   | 263   | 264   | 266   | 270   | 300   | 301   | 303   | 307   | 341   | 342   | 343   | 347   | 384   | 385   | 386   | 390   | 430   | 431   | 433   | 437   |
| 543 | Amps     | 2.9   | 2.9   | 2.9   | 2.9   | 3.3   | 3.3   | 3.3   | 3.3   | 3.7   | 3.7   | 3.7   | 3.7   | 4.2   | 4.2   | 4.2   | 4.2   | 4.7   | 4.7   | 4.7   | 4.7   | 5.3   | 5.3   | 5.3   | 5.4   |
|     | kW       | 0.78  | 0.78  | 0.78  | 0.78  | 0.87  | 0.87  | 0.87  | 0.87  | 0.97  | 0.97  | 0.97  | 0.97  | 1.08  | 1.08  | 1.08  | 1.08  | 1.20  | 1.20  | 1.20  | 1.20  | 1.34  | 1.34  | 1.34  | 1.35  |
|     | Capacity | 18184 | 18432 | 18956 | 19757 | 18026 | 18274 | 18799 | 19600 | 17568 | 17816 | 18340 | 19142 | 16779 | 17027 | 17552 | 18353 | 15815 | 16063 | 16588 | 17389 | 14935 | 15183 | 15708 | 16509 |
|     | S/T      | 1.00  | 1.00  | 0.82  | 0.68  | 1.00  | 1.00  | 0.83  | 0.68  | 1.00  | 1.00  | 0.85  | 0.71  | 1.00  | 1.00  | 1.00  | 0.73  | 1.00  | 1.00  | 1.00  | 0.75  | 1.00  | 1.00  | 1.00  | 0.80  |
|     | Evap dT  | 29    | 28    | 24    | 21    | 29    | 28    | 24    | 21    | 30    | 28    | 25    | 21    | 29    | 28    | 24    | 21    | 29    | 27    | 24    | 21    | 30    | 29    | 25    | 22    |
| 630 | Pr Suc   | 134   | 136   | 139   | 144   | 142   | 143   | 147   | 152   | 149   | 150   | 154   | 159   | 155   | 156   | 160   | 165   | 160   | 162   | 165   | 171   | 168   | 169   | 172   | 178   |
|     | Pr Dis   | 229   | 230   | 232   | 236   | 265   | 266   | 267   | 271   | 302   | 303   | 305   | 308   | 342   | 343   | 345   | 349   | 385   | 386   | 388   | 392   | 432   | 433   | 434   | 438   |
|     | Amps     | 2.9   | 2.9   | 2.9   | 2.9   | 3.3   | 3.3   | 3.3   | 3.3   | 3.7   | 3.7   | 3.7   | 3.7   | 4.2   | 4.2   | 4.2   | 4.2   | 4.7   | 4.7   | 4.7   | 4.7   | 5.3   | 5.3   | 5.3   | 5.4   |
|     | kW       | 0.78  | 0.78  | 0.78  | 0.79  | 0.87  | 0.87  | 0.87  | 0.88  | 0.97  | 0.97  | 0.97  | 0.98  | 1.08  | 1.08  | 1.08  | 1.09  | 1.20  | 1.20  | 1.20  | 1.21  | 1.35  | 1.35  | 1.34  | 1.35  |
|     | Capacity | 18551 | 18799 | 19323 | 20125 | 18394 | 18642 | 19166 | 19967 | 17935 | 18183 | 18708 | 19509 | 17147 | 17395 | 17919 | 18720 | 16183 | 16431 | 16955 | 17756 | 15303 | 15551 | 16075 | 16876 |
|     | S/T      | 1.00  | 1.00  | 0.86  | 0.72  | 1.00  | 1.00  | 0.87  | 0.72  | 1.00  | 1.00  | 0.89  | 0.75  | 1.00  | 1.00  | 1.00  | 0.77  | 1.00  | 1.00  | 1.00  | 0.79  | 1.00  | 1.00  | 1.00  | 1.00  |
|     | Evap dT  | 28    | 27    | 23    | 20    | 28    | 27    | 23    | 20    | 29    | 27    | 23    | 20    | 28    | 27    | 23    | 20    | 28    | 26    | 23    | 20    | 29    | 27    | 24    | 21    |
|     | Pr Suc   | 137   | 138   | 142   | 147   | 145   | 146   | 150   | 155   | 152   | 153   | 156   | 162   | 157   | 159   | 162   | 168   | 163   | 165   | 168   | 174   | 170   | 172   | 175   | 181   |
|     | Pr Dis   | 232   | 232   | 234   | 238   | 267   | 268   | 270   | 274   | 304   | 305   | 307   | 311   | 345   | 345   | 347   | 351   | 388   | 389   | 390   | 394   | 434   | 435   | 437   | 440   |
|     | Amps     | 2.9   | 2.9   | 2.9   | 2.9   | 3.3   | 3.3   | 3.3   | 3.3   | 3.7   | 3.7   | 3.7   | 3.8   | 4.2   | 4.2   | 4.2   | 4.2   | 4.7   | 4.7   | 4.7   | 4.7   | 5.4   | 5.4   | 5.4   | 5.4   |
|     | kW       | 0.79  | 0.79  | 0.79  | 0.79  | 0.88  | 0.88  | 0.88  | 0.88  | 0.98  | 0.98  | 0.98  | 0.98  | 1.09  | 1.09  | 1.08  | 1.09  | 1.21  | 1.21  | 1.21  | 1.21  | 1.35  | 1.35  | 1.35  | 1.36  |

IDB: Entering Indoor Dry Bulb Temperature

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

Shaded area reflects AHRI (TVA) conditions

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

| IDB                                                                           |      | AIRFLOW                                    |       | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | ENTERING INDOOR WET BULB TEMPERATURE |       |       |       |       |       |       |    |    |    |    |    |  |  |                         |  | 115°F                                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------|------|--------------------------------------------|-------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------------|-------|-------|-------|-------|-------|-------|----|----|----|----|----|--|--|-------------------------|--|---------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                                                                               |      |                                            |       | 65°F                        |       |       |       | 75°F  |       |       |       | 85°F  |       |       |       | 95°F  |       |       |       | 105°F                                |       |       |       | 115°F |       |       |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      |                                            |       | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59                                   | 63    | 67    | 71    | 59    | 63    | 67    | 71 | 59 | 63 | 67 | 71 |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 70                                                                            | 1050 | Capacity                                   | 35430 | 35930                       | 36988 | -     | 35113 | 35613 | 36671 | -     | 34189 | 34689 | 35746 | -     | 32598 | 33098 | 34156 | -     | 30654 | 31154                                | 32212 | -     | 28880 | 29380 | 30437 | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | S/T                                        | 0.63  | 0.55                        | 0.41  | -     | 0.63  | 0.56  | 0.42  | -     | 0.66  | 0.58  | 0.44  | -     | 1.00  | 0.60  | 0.46  | -     | 1.00  | 0.62                                 | 0.48  | -     | 1.00  | 0.68  | 0.54  | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Evap dT                                    | 19    | 17                          | 14    | -     | 19    | 17    | 14    | -     | 19    | 18    | 14    | -     | 19    | 17    | 14    | -     | 19    | 17                                   | 14    | -     | 20    | 18    | 15    | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Pr Suc                                     | 124   | 125                         | 128   | -     | 131   | 133   | 136   | -     | 138   | 139   | 142   | -     | 143   | 145   | 148   | -     | 149   | 150                                  | 153   | -     | 156   | 157   | 160   | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Pr Dis                                     | 236   | 237                         | 239   | -     | 273   | 274   | 276   | -     | 312   | 313   | 315   | -     | 354   | 355   | 357   | -     | 399   | 401                                  | 402   | -     | 448   | 449   | 450   | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Amps                                       | 6.5   | 6.5                         | 6.5   | -     | 7.4   | 7.4   | 7.4   | -     | 8.5   | 8.5   | 8.5   | -     | 9.6   | 9.6   | 9.6   | -     | 10.9  | 10.9                                 | 10.9  | -     | 12.4  | 12.4  | 12.3  | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | kW                                         | 1.84  | 1.84                        | 1.84  | -     | 2.06  | 2.05  | 2.05  | -     | 2.30  | 2.29  | 2.29  | -     | 2.56  | 2.55  | 2.55  | -     | 2.85  | 2.85                                 | 2.84  | -     | 3.19  | 3.19  | 3.18  | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 70                                                                            | 1190 | Capacity                                   | 35870 | 36370                       | 37428 | -     | 35553 | 36053 | 37111 | -     | 34629 | 35129 | 36186 | -     | 33038 | 33538 | 34596 | -     | 31094 | 31594                                | 32652 | -     | 29319 | 29819 | 30877 | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | S/T                                        | 0.68  | 0.61                        | 0.47  | -     | 0.69  | 0.61  | 0.47  | -     | 0.72  | 0.64  | 0.50  | -     | 1.00  | 0.66  | 0.52  | -     | 1.00  | 0.68                                 | 0.54  | -     | 1.00  | 0.73  | 0.59  | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Evap dT                                    | 18    | 16                          | 13    | -     | 18    | 16    | 13    | -     | 18    | 17    | 13    | -     | 18    | 16    | 13    | -     | 18    | 16                                   | 13    | -     | 19    | 17    | 14    | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Pr Suc                                     | 125   | 127                         | 130   | -     | 133   | 134   | 138   | -     | 139   | 141   | 144   | -     | 145   | 147   | 150   | -     | 150   | 152                                  | 155   | -     | 157   | 159   | 162   | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Pr Dis                                     | 238   | 239                         | 241   | -     | 275   | 276   | 278   | -     | 314   | 315   | 317   | -     | 356   | 357   | 359   | -     | 401   | 402                                  | 404   | -     | 450   | 451   | 452   | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Amps                                       | 6.5   | 6.5                         | 6.5   | -     | 7.5   | 7.5   | 7.5   | -     | 8.5   | 8.5   | 8.5   | -     | 9.7   | 9.7   | 9.6   | -     | 10.9  | 10.9                                 | 10.9  | -     | 12.4  | 12.4  | 12.4  | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | kW                                         | 1.85  | 1.85                        | 1.85  | -     | 2.07  | 2.06  | 2.06  | -     | 2.31  | 2.31  | 2.30  | -     | 2.57  | 2.57  | 2.56  | -     | 2.86  | 2.86                                 | 2.85  | -     | 3.20  | 3.20  | 3.19  | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 70                                                                            | 1350 | Capacity                                   | 36475 | 36975                       | 38033 | -     | 36158 | 36658 | 37716 | -     | 35234 | 35734 | 36792 | -     | 33643 | 34143 | 35201 | -     | 31699 | 32199                                | 33257 | -     | 29925 | 30425 | 31482 | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | S/T                                        | 0.72  | 0.64                        | 0.50  | -     | 0.73  | 0.65  | 0.51  | -     | 0.75  | 0.67  | 0.54  | -     | 1.00  | 0.69  | 0.56  | -     | 1.00  | 0.72                                 | 0.58  | -     | 1.00  | 0.77  | 0.63  | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Evap dT                                    | 17    | 15                          | 12    | -     | 17    | 15    | 12    | -     | 17    | 16    | 12    | -     | 17    | 15    | 12    | -     | 17    | 15                                   | 12    | -     | 18    | 16    | 13    | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Pr Suc                                     | 127   | 129                         | 132   | -     | 135   | 137   | 140   | -     | 142   | 143   | 146   | -     | 147   | 149   | 152   | -     | 153   | 154                                  | 157   | -     | 159   | 161   | 164   | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Pr Dis                                     | 240   | 241                         | 243   | -     | 277   | 278   | 280   | -     | 316   | 317   | 319   | -     | 358   | 359   | 361   | -     | 403   | 404                                  | 406   | -     | 452   | 453   | 454   | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Amps                                       | 6.6   | 6.6                         | 6.6   | -     | 7.5   | 7.5   | 7.5   | -     | 8.6   | 8.6   | 8.6   | -     | 9.7   | 9.7   | 9.7   | -     | 11.0  | 11.0                                 | 10.9  | -     | 12.5  | 12.4  | 12.4  | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | kW                                         | 1.86  | 1.86                        | 1.86  | -     | 2.08  | 2.07  | 2.07  | -     | 2.32  | 2.32  | 2.31  | -     | 2.58  | 2.58  | 2.57  | -     | 2.87  | 2.87                                 | 2.86  | -     | 3.21  | 3.21  | 3.20  | -     |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 75                                                                            | 1050 | Capacity                                   | 35451 | 35951                       | 37009 | 38624 | 35134 | 35634 | 36692 | 38307 | 34209 | 34709 | 35767 | 37383 | 32619 | 33119 | 34176 | 35792 | 30675 | 31175                                | 32233 | 33848 | 28900 | 29400 | 30458 | 32073 |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | S/T                                        | 0.76  | 0.68                        | 0.54  | 0.40  | 0.77  | 0.69  | 0.55  | 0.40  | 1.00  | 0.71  | 0.57  | 0.43  | 1.00  | 0.73  | 0.59  | 0.45  | 1.00  | 0.76                                 | 0.62  | 0.47  | 1.00  | 1.00  | 0.67  | 0.52  |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Evap dT                                    | 23    | 21                          | 18    | 15    | 23    | 21    | 18    | 14    | 23    | 22    | 18    | 15    | 23    | 21    | 18    | 14    | 23    | 21                                   | 18    | 14    | 24    | 22    | 19    | 15    |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Pr Suc                                     | 124   | 125                         | 128   | 134   | 131   | 133   | 136   | 141   | 138   | 139   | 142   | 148   | 143   | 145   | 148   | 153   | 149   | 150                                  | 153   | 159   | 156   | 157   | 160   | 166   |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Pr Dis                                     | 236   | 237                         | 239   | 243   | 273   | 274   | 276   | 280   | 312   | 313   | 315   | 319   | 354   | 355   | 357   | 361   | 400   | 401                                  | 402   | 407   | 448   | 449   | 451   | 455   |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Amps                                       | 6.5   | 6.5                         | 6.5   | 6.5   | 7.4   | 7.4   | 7.4   | 7.5   | 8.5   | 8.5   | 8.5   | 8.5   | 9.6   | 9.6   | 9.6   | 9.7   | 10.9  | 10.9                                 | 10.9  | 10.9  | 12.4  | 12.3  | 12.3  | 12.4  |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | kW                                         | 1.84  | 1.84                        | 1.83  | 1.85  | 2.05  | 2.05  | 2.05  | 2.07  | 2.30  | 2.29  | 2.29  | 2.31  | 2.56  | 2.55  | 2.55  | 2.57  | 2.85  | 2.84                                 | 2.84  | 2.86  | 3.19  | 3.19  | 3.18  | 3.20  |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 75                                                                            | 1190 | Capacity                                   | 35891 | 36391                       | 37448 | 39064 | 35574 | 36074 | 37132 | 38747 | 34649 | 35149 | 36207 | 37823 | 33059 | 33559 | 34616 | 36232 | 31115 | 31615                                | 32672 | 34288 | 29340 | 29840 | 30898 | 32513 |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | S/T                                        | 0.82  | 0.74                        | 0.60  | 0.45  | 0.82  | 0.74  | 0.61  | 0.46  | 1.00  | 0.77  | 0.63  | 0.48  | 1.00  | 0.79  | 0.65  | 0.50  | 1.00  | 0.81                                 | 0.67  | 0.53  | 1.00  | 1.00  | 0.73  | 0.58  |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Evap dT                                    | 22    | 20                          | 17    | 14    | 22    | 20    | 17    | 13    | 22    | 20    | 17    | 14    | 22    | 20    | 17    | 13    | 22    | 20                                   | 17    | 13    | 23    | 21    | 18    | 14    |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Pr Suc                                     | 125   | 127                         | 130   | 135   | 133   | 134   | 138   | 143   | 139   | 141   | 144   | 149   | 145   | 150   | 155   | 155   | 150   | 152                                  | 155   | 160   | 157   | 159   | 162   | 167   |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Pr Dis                                     | 238   | 239                         | 241   | 245   | 275   | 276   | 278   | 282   | 314   | 315   | 317   | 321   | 356   | 357   | 359   | 363   | 402   | 403                                  | 404   | 408   | 450   | 451   | 453   | 457   |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Amps                                       | 6.5   | 6.5                         | 6.5   | 6.6   | 7.5   | 7.5   | 7.5   | 7.5   | 8.5   | 8.5   | 8.5   | 8.6   | 9.7   | 9.6   | 9.6   | 9.7   | 10.9  | 10.9                                 | 10.9  | 11.0  | 12.4  | 12.4  | 12.4  | 12.4  |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | kW                                         | 1.85  | 1.85                        | 1.84  | 1.86  | 2.07  | 2.06  | 2.06  | 2.08  | 2.31  | 2.30  | 2.30  | 2.32  | 2.57  | 2.56  | 2.56  | 2.58  | 2.86  | 2.85                                 | 2.85  | 2.87  | 3.20  | 3.20  | 3.19  | 3.21  |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 75                                                                            | 1350 | Capacity                                   | 36496 | 36996                       | 38054 | 39669 | 36179 | 36679 | 37737 | 39352 | 35254 | 35755 | 36812 | 38428 | 33664 | 34164 | 35222 | 36837 | 31720 | 32220                                | 33278 | 34893 | 29945 | 30445 | 31503 | 33119 |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | S/T                                        | 0.85  | 0.78                        | 0.64  | 0.49  | 1.00  | 0.78  | 0.64  | 0.50  | 1.00  | 0.81  | 0.67  | 0.52  | 1.00  | 0.83  | 0.69  | 0.54  | 1.00  | 0.85                                 | 0.71  | 0.56  | 1.00  | 1.00  | 0.76  | 0.62  |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Evap dT                                    | 21    | 19                          | 16    | 13    | 21    | 19    | 16    | 13    | 21    | 20    | 16    | 13    | 21    | 19    | 16    | 12    | 21    | 19                                   | 16    | 12    | 22    | 20    | 17    | 13    |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Pr Suc                                     | 128   | 129                         | 132   | 137   | 135   | 137   | 140   | 145   | 142   | 143   | 146   | 152   | 147   | 149   | 152   | 157   | 153   | 154                                  | 157   | 163   | 159   | 161   | 164   | 169   |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Pr Dis                                     | 240   | 241                         | 243   | 247   | 277   | 278   | 280   | 284   | 316   | 317   | 319   | 323   | 358   | 359   | 361   | 365   | 404   | 405                                  | 406   | 410   | 452   | 453   | 455   | 459   |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | Amps                                       | 6.6   | 6.6                         | 6.6   | 6.6   | 7.5   | 7.5   | 7.5   | 7.6   | 8.6   | 8.6   | 8.6   | 8.6   | 9.7   | 9.7   | 9.7   | 9.7   | 11.0  | 11.0                                 | 10.9  | 11.0  | 12.4  | 12.4  | 12.4  | 12.5  |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                               |      | kW                                         | 1.86  | 1.86                        | 1.85  | 1.87  | 2.08  | 2.07  | 2.07  | 2.09  | 2.32  | 2.31  | 2.31  | 2.33  | 2.58  | 2.57  | 2.57  | 2.59  | 2.87  | 2.86                                 | 2.86  | 2.88  | 3.21  | 3.21  | 3.20  | 3.22  |    |    |    |    |    |  |  |                         |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DB: Entering Indoor Dry Bulb Temperature                                      |      | Shaded area reflects ACCA (TVA) conditions |       |                             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                                      |       |       |       |       |       |       |    |    |    |    |    |  |  | kW = Total system power |  |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| High and low pressures are measured at the liquid and suction service valves. |      |                                            |       |                             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                                      |       |       |       |       |       |       |    |    |    |    |    |  |  |                         |  | Amps = outdoor unit amps (compressor + fan) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|      |          | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|----------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      |          | 65°F                        |       |       |       | 75°F  |       |       |       | 85°F  |       |       |       | 95°F  |       |       |       | 105°F |       |       |       | 115°F |       |       |       |       |       |       |       |
| IDB  | AIRFLOW  | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |
| 80   | Capacity | 35634                       | 36134 | 37192 | 38807 | 35317 | 35817 | 36875 | 38491 | 34393 | 34893 | 35951 | 37566 | 32802 | 33302 | 34360 | 35975 | 30858 | 31358 | 32416 | 34031 | 29084 | 29584 | 30641 | 32257 | 29084 | 29584 | 30641 | 32257 |
|      | S/T      | 1.00                        | 0.81  | 0.67  | 0.52  | 1.00  | 0.82  | 0.68  | 0.53  | 1.00  | 0.84  | 0.70  | 0.56  | 1.00  | 1.00  | 0.72  | 0.58  | 1.00  | 1.00  | 0.75  | 0.60  | 1.00  | 1.00  | 0.80  | 0.65  | 1.00  | 1.00  | 0.80  | 0.65  |
|      | Evap dT  | 27                          | 25    | 22    | 18    | 27    | 25    | 22    | 18    | 27    | 25    | 22    | 19    | 27    | 25    | 22    | 18    | 27    | 25    | 22    | 18    | 28    | 26    | 23    | 19    | 28    | 26    | 23    | 19    |
|      | Pr Suc   | 124                         | 126   | 129   | 134   | 132   | 133   | 136   | 142   | 138   | 140   | 143   | 148   | 144   | 145   | 149   | 154   | 149   | 151   | 154   | 159   | 156   | 158   | 161   | 166   | 156   | 158   | 161   | 166   |
|      | Pr Dis   | 237                         | 238   | 239   | 243   | 274   | 275   | 277   | 281   | 313   | 314   | 316   | 320   | 355   | 356   | 358   | 362   | 400   | 401   | 403   | 407   | 448   | 449   | 451   | 455   | 448   | 449   | 451   | 455   |
|      | Amps     | 6.5                         | 6.5   | 6.5   | 6.6   | 7.4   | 7.4   | 7.4   | 7.5   | 8.5   | 8.5   | 8.5   | 8.5   | 9.6   | 9.6   | 9.6   | 9.7   | 10.9  | 10.9  | 10.9  | 10.9  | 12.4  | 12.4  | 12.3  | 12.4  | 12.4  | 12.4  | 12.3  | 12.4  |
| 1190 | kW       | 1.84                        | 1.84  | 1.84  | 1.85  | 2.06  | 2.05  | 2.05  | 2.07  | 2.30  | 2.29  | 2.29  | 2.31  | 2.56  | 2.55  | 2.55  | 2.57  | 2.85  | 2.85  | 2.84  | 2.86  | 3.19  | 3.19  | 3.18  | 3.20  | 3.19  | 3.19  | 3.18  | 3.20  |
|      | Capacity | 36074                       | 36574 | 37632 | 39247 | 35757 | 36257 | 37315 | 38930 | 34833 | 35333 | 36390 | 38006 | 33242 | 33742 | 34800 | 36415 | 31298 | 31798 | 32856 | 34471 | 29523 | 30024 | 31081 | 32697 | 29523 | 30024 | 31081 | 32697 |
|      | S/T      | 1.00                        | 0.87  | 0.73  | 0.58  | 1.00  | 0.87  | 0.73  | 0.59  | 1.00  | 0.90  | 0.76  | 0.61  | 1.00  | 1.00  | 0.78  | 0.63  | 1.00  | 1.00  | 0.80  | 0.66  | 1.00  | 1.00  | 0.86  | 0.71  | 1.00  | 1.00  | 0.86  | 0.71  |
|      | Evap dT  | 26                          | 24    | 21    | 18    | 27    | 25    | 22    | 18    | 27    | 25    | 22    | 18    | 27    | 25    | 22    | 18    | 27    | 25    | 21    | 18    | 28    | 26    | 23    | 19    | 28    | 26    | 23    | 19    |
|      | Pr Suc   | 126                         | 127   | 131   | 136   | 133   | 135   | 138   | 143   | 140   | 142   | 145   | 150   | 146   | 147   | 150   | 155   | 151   | 153   | 156   | 161   | 158   | 159   | 163   | 168   | 158   | 159   | 163   | 168   |
|      | Pr Dis   | 239                         | 240   | 241   | 245   | 276   | 277   | 278   | 283   | 315   | 316   | 317   | 322   | 357   | 358   | 359   | 364   | 402   | 403   | 405   | 409   | 450   | 451   | 453   | 457   | 450   | 451   | 453   | 457   |
| 1350 | Amps     | 6.5                         | 6.5   | 6.5   | 6.6   | 7.5   | 7.5   | 7.5   | 7.5   | 8.5   | 8.5   | 8.5   | 8.6   | 9.7   | 9.7   | 9.7   | 9.7   | 10.9  | 10.9  | 10.9  | 11.0  | 12.4  | 12.4  | 12.4  | 12.5  | 12.4  | 12.4  | 12.4  | 12.5  |
|      | kW       | 1.85                        | 1.85  | 1.85  | 1.86  | 2.07  | 2.06  | 2.06  | 2.08  | 2.31  | 2.30  | 2.30  | 2.32  | 2.57  | 2.57  | 2.56  | 2.58  | 2.86  | 2.86  | 2.85  | 2.87  | 3.20  | 3.20  | 3.19  | 3.21  | 3.20  | 3.20  | 3.19  | 3.21  |
|      | Capacity | 36679                       | 37179 | 38237 | 39853 | 36362 | 36862 | 37920 | 39536 | 35438 | 35938 | 36996 | 38611 | 33847 | 34347 | 35405 | 37021 | 31903 | 32403 | 33461 | 35077 | 30129 | 30629 | 31686 | 33302 | 30129 | 30629 | 31686 | 33302 |
|      | S/T      | 1.00                        | 0.90  | 0.76  | 0.62  | 1.00  | 0.91  | 0.77  | 0.62  | 1.00  | 0.94  | 0.80  | 0.65  | 1.00  | 1.00  | 0.82  | 0.67  | 1.00  | 1.00  | 0.84  | 0.69  | 1.00  | 1.00  | 0.89  | 0.75  | 1.00  | 1.00  | 0.89  | 0.75  |
|      | Evap dT  | 25                          | 23    | 20    | 17    | 25    | 23    | 20    | 16    | 25    | 23    | 20    | 17    | 25    | 23    | 20    | 16    | 25    | 23    | 20    | 16    | 26    | 24    | 21    | 18    | 26    | 24    | 21    | 18    |
|      | Pr Suc   | 128                         | 130   | 133   | 138   | 136   | 137   | 140   | 146   | 142   | 144   | 147   | 152   | 148   | 149   | 152   | 158   | 153   | 155   | 158   | 163   | 160   | 162   | 165   | 170   | 160   | 162   | 165   | 170   |
| 1500 | Pr Dis   | 241                         | 242   | 243   | 247   | 278   | 279   | 281   | 285   | 317   | 318   | 320   | 324   | 359   | 360   | 362   | 366   | 404   | 405   | 407   | 411   | 452   | 453   | 455   | 459   | 452   | 453   | 455   | 459   |
|      | Amps     | 6.6                         | 6.6   | 6.6   | 6.6   | 7.5   | 7.5   | 7.5   | 7.6   | 8.6   | 8.6   | 8.5   | 8.6   | 9.7   | 9.7   | 9.7   | 9.8   | 11.0  | 11.0  | 10.9  | 11.0  | 12.5  | 12.4  | 12.4  | 12.5  | 12.5  | 12.4  | 12.4  | 12.5  |
|      | kW       | 1.86                        | 1.86  | 1.86  | 1.87  | 2.08  | 2.07  | 2.07  | 2.09  | 2.32  | 2.31  | 2.31  | 2.33  | 2.58  | 2.58  | 2.57  | 2.59  | 2.87  | 2.87  | 2.86  | 2.88  | 3.21  | 3.21  | 3.21  | 3.20  | 3.21  | 3.21  | 3.20  | 3.22  |

|             |          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>1050</b> | Capacity | 36231 | 36731 | 37789 | 39404 | 35914 | 36414 | 37472 | 39087 | 34989 | 35489 | 36547 | 38163 | 33399 | 33899 | 34956 | 36572 | 31455 | 31955 | 33012 | 34628 | 29680 | 30180 | 31238 | 32853 | 29680 | 30180 | 31238 | 32853 |
|             | S/T      | 1.00  | 0.91  | 0.78  | 0.63  | 1.00  | 0.92  | 0.78  | 0.63  | 1.00  | 1.00  | 0.81  | 0.66  | 1.00  | 1.00  | 0.83  | 0.68  | 1.00  | 1.00  | 0.85  | 0.70  | 1.00  | 1.00  | 0.76  | 1.00  | 1.00  | 0.76  | 1.00  | 0.76  |
|             | Evap dT  | 31    | 29    | 25    | 22    | 30    | 29    | 25    | 22    | 31    | 29    | 26    | 22    | 30    | 29    | 25    | 22    | 30    | 28    | 25    | 22    | 31    | 30    | 26    | 23    | 31    | 30    | 26    | 23    |
|             | Pr Suc   | 126   | 128   | 131   | 136   | 134   | 135   | 138   | 143   | 140   | 142   | 145   | 150   | 146   | 147   | 150   | 156   | 151   | 153   | 156   | 161   | 158   | 160   | 163   | 168   | 158   | 160   | 163   | 168   |
|             | Pr Dis   | 238   | 239   | 240   | 245   | 275   | 276   | 278   | 282   | 314   | 315   | 317   | 321   | 356   | 357   | 359   | 363   | 401   | 402   | 404   | 408   | 450   | 451   | 452   | 456   | 450   | 451   | 452   | 456   |
|             | Amps     | 6.5   | 6.5   | 6.5   | 6.6   | 7.5   | 7.4   | 7.4   | 7.5   | 8.5   | 8.5   | 8.5   | 8.5   | 9.6   | 9.6   | 9.6   | 9.7   | 10.9  | 10.9  | 10.9  | 10.9  | 12.4  | 12.4  | 12.4  | 12.4  | 12.4  | 12.4  | 12.4  | 12.4  |
| <b>1190</b> | kW       | 1.84  | 1.84  | 1.84  | 1.86  | 2.06  | 2.06  | 2.05  | 2.07  | 2.30  | 2.30  | 2.29  | 2.31  | 2.56  | 2.56  | 2.56  | 2.57  | 2.85  | 2.85  | 2.85  | 2.86  | 3.19  | 3.19  | 3.19  | 3.20  | 3.19  | 3.19  | 3.19  | 3.20  |
|             | Capacity | 36671 | 37171 | 38228 | 39844 | 36354 | 36854 | 37911 | 39527 | 35429 | 35929 | 36987 | 38603 | 33839 | 34339 | 35396 | 37012 | 31895 | 32395 | 33452 | 35068 | 30120 | 30620 | 31678 | 33293 | 30120 | 30620 | 31678 | 33293 |
|             | S/T      | 1.00  | 0.97  | 0.83  | 0.69  | 1.00  | 1.00  | 0.84  | 0.69  | 1.00  | 1.00  | 0.86  | 0.72  | 1.00  | 1.00  | 0.88  | 0.74  | 1.00  | 1.00  | 0.91  | 0.76  | 1.00  | 1.00  | 0.81  | 1.00  | 1.00  | 0.81  | 1.00  | 0.81  |
|             | Evap dT  | 30    | 28    | 24    | 21    | 29    | 28    | 24    | 21    | 30    | 28    | 25    | 21    | 29    | 28    | 24    | 21    | 29    | 27    | 24    | 21    | 30    | 29    | 25    | 22    | 30    | 29    | 25    | 22    |
|             | Pr Suc   | 128   | 129   | 132   | 138   | 135   | 137   | 140   | 145   | 142   | 143   | 147   | 152   | 147   | 149   | 152   | 157   | 153   | 154   | 158   | 163   | 160   | 161   | 164   | 170   | 160   | 161   | 164   | 170   |
|             | Pr Dis   | 240   | 241   | 242   | 246   | 277   | 278   | 280   | 284   | 316   | 317   | 319   | 323   | 358   | 359   | 361   | 365   | 403   | 404   | 406   | 410   | 451   | 452   | 454   | 458   | 451   | 452   | 454   | 458   |
| <b>1350</b> | Amps     | 6.6   | 6.6   | 6.5   | 6.6   | 7.5   | 7.5   | 7.5   | 7.5   | 8.5   | 8.5   | 8.5   | 8.6   | 9.7   | 9.7   | 9.7   | 9.7   | 10.9  | 10.9  | 10.9  | 11.0  | 12.4  | 12.4  | 12.4  | 12.5  | 12.4  | 12.4  | 12.4  | 12.5  |
|             | kW       | 1.86  | 1.85  | 1.85  | 1.87  | 2.07  | 2.07  | 2.07  | 2.08  | 2.31  | 2.31  | 2.31  | 2.32  | 2.57  | 2.57  | 2.57  | 2.58  | 2.86  | 2.86  | 2.86  | 2.87  | 3.20  | 3.20  | 3.20  | 3.21  | 3.20  | 3.20  | 3.20  | 3.21  |
|             | Capacity | 37276 | 37776 | 38834 | 40449 | 36959 | 37459 | 38517 | 40132 | 36034 | 36535 | 37592 | 39208 | 34444 | 34944 | 36002 | 37617 | 32500 | 33000 | 34058 | 35673 | 30725 | 31225 | 32283 | 33898 | 30725 | 31225 | 32283 | 33898 |
|             | S/T      | 1.00  | 1.00  | 0.87  | 0.72  | 1.00  | 1.00  | 0.88  | 0.73  | 1.00  | 1.00  | 0.90  | 0.75  | 1.00  | 1.00  | 0.92  | 0.77  | 1.00  | 1.00  | 0.90  | 0.80  | 1.00  | 1.00  | 0.85  | 1.00  | 1.00  | 0.85  | 1.00  | 0.85  |
|             | Evap dT  | 29    | 27    | 23    | 20    | 28    | 27    | 23    | 20    | 29    | 27    | 24    | 20    | 28    | 27    | 23    | 20    | 28    | 26    | 23    | 20    | 29    | 28    | 24    | 21    | 29    | 28    | 24    | 21    |
|             | Pr Suc   | 130   | 131   | 135   | 140   | 137   | 139   | 142   | 147   | 144   | 146   | 149   | 154   | 150   | 151   | 154   | 160   | 155   | 157   | 160   | 165   | 162   | 163   | 167   | 172   | 162   | 163   | 167   | 172   |
| <b>1500</b> | Pr Dis   | 242   | 243   | 244   | 249   | 279   | 280   | 282   | 286   | 318   | 319   | 321   | 325   | 360   | 361   | 363   | 367   | 405   | 406   | 408   | 412   | 454   | 455   | 456   | 460   | 454   | 455   | 456   | 460   |
|             | Amps     | 6.6   | 6.6   | 6.6   | 6.7   | 7.5   | 7.5   | 7.5   | 7.6   | 8.6   | 8.6   | 8.6   | 8.6   | 9.7   | 9.7   | 9.7   | 9.8   | 11.0  | 11.0  | 11.0  | 11.0  | 12.5  | 12.5  | 12.5  | 12.5  | 12.5  | 12.5  | 12.5  | 12.5  |
|             | kW       | 1.87  | 1.86  | 1.86  | 1.88  | 2.08  | 2.08  | 2.08  | 2.09  | 2.32  | 2.32  | 2.32  | 2.33  | 2.58  | 2.58  | 2.58  | 2.59  | 2.87  | 2.87  | 2.87  | 2.88  | 3.21  | 3.21  | 3.21  | 3.22  | 3.21  | 3.21  | 3.21  | 3.22  |

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

Shaded area reflects AHRl (TVA) conditions

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

## EXPANDING COOLING DATA — GLZT7CA3610A\*+DMVT42CP1300A\* (70%)

|        |          | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |   |
|--------|----------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
|        |          | 65°F                        |       |       |       | 75°F  |       |       |       | 85°F  |       |       |       | 95°F  |       |       |       | 105°F |       |       |       | 115°F |       |       |       |   |
|        |          |                             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |   |
| IDB    | AIRFLOW  | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |   |
| 70     | 735      | Capacity                    | 25474 | 25834 | 26594 | -     | 25246 | 25606 | 26366 | -     | 24582 | 24941 | 25702 | -     | 23438 | 23798 | 24558 | -     | 22040 | 22400 | 23160 | -     | 20764 | 21124 | 21884 | - |
|        |          | S/T                         | 0.64  | 0.56  | 0.42  | -     | 0.65  | 0.57  | 0.43  | -     | 0.68  | 0.60  | 0.45  | -     | 1.00  | 0.62  | 0.47  | -     | 1.00  | 0.64  | 0.50  | -     | 1.00  | 0.69  | 0.55  | - |
|        |          | Evap dT                     | 18    | 17    | 14    | -     | 18    | 17    | 14    | -     | 19    | 17    | 14    | -     | 18    | 17    | 14    | -     | 18    | 16    | 13    | -     | 19    | 18    | 14    | - |
|        |          | Pr Suc                      | 127   | 129   | 132   | -     | 135   | 136   | 140   | -     | 142   | 143   | 146   | -     | 147   | 149   | 152   | -     | 153   | 154   | 158   | -     | 160   | 161   | 165   | - |
|        |          | Pr Dis                      | 127   | 227   | 228   | -     | 261   | 262   | 264   | -     | 298   | 299   | 301   | -     | 339   | 340   | 341   | -     | 382   | 383   | 384   | -     | 428   | 429   | 431   | - |
|        | Amps     | 4.1                         | 4.1   | 4.1   | -     | 4.7   | 4.7   | 4.7   | -     | 5.3   | 5.3   | 5.3   | -     | 6.0   | 6.0   | 6.0   | -     | 6.8   | 6.8   | 6.8   | -     | 7.8   | 7.8   | 7.8   | -     |   |
|        | kW       | 1.16                        | 1.16  | 1.15  | -     | 1.29  | 1.29  | 1.29  | -     | 1.44  | 1.44  | 1.44  | -     | 1.61  | 1.61  | 1.60  | -     | 1.79  | 1.79  | 1.79  | -     | 2.01  | 2.00  | 2.00  | -     |   |
|        | 833      | Capacity                    | 25791 | 26150 | 26911 | -     | 25563 | 25922 | 26683 | -     | 24898 | 25258 | 26018 | -     | 23754 | 24114 | 24874 | -     | 22357 | 22716 | 23477 | -     | 21081 | 21440 | 22201 | - |
|        |          | S/T                         | 0.70  | 0.62  | 0.48  | -     | 0.71  | 0.63  | 0.49  | -     | 1.00  | 0.66  | 0.51  | -     | 1.00  | 0.68  | 0.53  | -     | 1.00  | 0.70  | 0.56  | -     | 1.00  | 0.75  | 0.61  | - |
|        |          | Evap dT                     | 18    | 16    | 13    | -     | 17    | 16    | 13    | -     | 18    | 16    | 13    | -     | 17    | 16    | 13    | -     | 17    | 16    | 12    | -     | 18    | 17    | 13    | - |
| Pr Suc |          | 129                         | 130   | 134   | -     | 137   | 138   | 141   | -     | 143   | 145   | 148   | -     | 149   | 151   | 154   | -     | 155   | 156   | 159   | -     | 162   | 163   | 166   | -     |   |
| Pr Dis |          | 227                         | 228   | 230   | -     | 263   | 264   | 266   | -     | 300   | 301   | 303   | -     | 340   | 341   | 343   | -     | 384   | 385   | 386   | -     | 430   | 431   | 432   | -     |   |
| Amps   | 4.1      | 4.1                         | 4.1   | -     | 4.7   | 4.7   | 4.7   | -     | 5.4   | 5.4   | 5.4   | -     | 6.1   | 6.1   | 6.1   | -     | 6.9   | 6.9   | 6.9   | -     | 7.8   | 7.8   | 7.8   | -     |       |   |
| kW     | 1.16     | 1.16                        | 1.16  | -     | 1.30  | 1.30  | 1.30  | -     | 1.45  | 1.45  | 1.45  | -     | 1.61  | 1.61  | 1.61  | -     | 1.80  | 1.80  | 1.79  | -     | 2.01  | 2.01  | 2.01  | -     |       |   |
| 945    | Capacity | 26226                       | 26585 | 27346 | -     | 25998 | 26357 | 27118 | -     | 25333 | 25693 | 26453 | -     | 24189 | 24549 | 25309 | -     | 22792 | 23151 | 23912 | -     | 21516 | 21875 | 22636 | -     |   |
|        | S/T      | 0.74                        | 0.66  | 0.52  | -     | 0.75  | 0.67  | 0.52  | -     | 1.00  | 0.69  | 0.55  | -     | 1.00  | 0.71  | 0.57  | -     | 1.00  | 0.74  | 0.59  | -     | 1.00  | 1.00  | 0.65  | -     |   |
|        | Evap dT  | 17                          | 15    | 12    | -     | 17    | 15    | 12    | -     | 17    | 15    | 12    | -     | 17    | 15    | 12    | -     | 16    | 15    | 11    | -     | 17    | 16    | 12    | -     |   |
|        | Pr Suc   | 131                         | 133   | 136   | -     | 139   | 140   | 144   | -     | 146   | 147   | 150   | -     | 151   | 153   | 156   | -     | 157   | 158   | 162   | -     | 164   | 165   | 169   | -     |   |
|        | Pr Dis   | 229                         | 230   | 232   | -     | 265   | 266   | 268   | -     | 302   | 303   | 305   | -     | 342   | 343   | 345   | -     | 386   | 387   | 388   | -     | 432   | 433   | 434   | -     |   |
|        | Amps     | 4.1                         | 4.1   | 4.1   | -     | 4.7   | 4.7   | 4.7   | -     | 5.4   | 5.4   | 5.4   | -     | 6.1   | 6.1   | 6.1   | -     | 6.9   | 6.9   | 6.9   | -     | 7.8   | 7.8   | 7.8   | -     |   |
|        | kW       | 1.17                        | 1.17  | 1.17  | -     | 1.31  | 1.31  | 1.30  | -     | 1.46  | 1.46  | 1.45  | -     | 1.62  | 1.62  | 1.62  | -     | 1.80  | 1.80  | 1.80  | -     | 2.02  | 2.02  | 2.01  | -     |   |

|     |     |          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----|-----|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 75  | 735 | Capacity | 25489 | 25849 | 26609 | 27771 | 25261 | 25621 | 26381 | 27543 | 24597 | 24956 | 25717 | 26878 | 23453 | 23812 | 24573 | 25734 | 22055 | 22415 | 23175 | 24337 | 20779 | 21139 | 21899 | 23061 |
|     |     | S/T      | 0.78  | 0.70  | 0.56  | 0.41  | 1.00  | 0.71  | 0.56  | 0.41  | 1.00  | 0.73  | 0.59  | 0.44  | 1.00  | 0.75  | 0.61  | 0.46  | 1.00  | 0.78  | 0.63  | 0.48  | 1.00  | 1.00  | 0.69  | 0.54  |
|     |     | Evap dT  | 22    | 21    | 17    | 14    | 22    | 21    | 17    | 14    | 22    | 21    | 18    | 14    | 22    | 20    | 17    | 14    | 22    | 20    | 17    | 14    | 23    | 21    | 18    | 15    |
|     |     | Pr Suc   | 127   | 129   | 132   | 137   | 135   | 136   | 140   | 145   | 142   | 143   | 146   | 152   | 147   | 149   | 152   | 158   | 153   | 154   | 158   | 163   | 160   | 162   | 165   | 170   |
|     |     | Pr Dis   | 226   | 227   | 228   | 232   | 261   | 262   | 264   | 268   | 299   | 300   | 301   | 305   | 339   | 340   | 341   | 345   | 382   | 383   | 385   | 389   | 428   | 429   | 431   | 435   |
|     | 833 | Amps     | 4.1   | 4.1   | 4.1   | 4.1   | 4.7   | 4.7   | 4.7   | 4.7   | 5.3   | 5.3   | 5.3   | 5.4   | 6.0   | 6.0   | 6.0   | 6.1   | 6.8   | 6.8   | 6.8   | 6.9   | 7.8   | 7.8   | 7.8   | 7.8   |
|     |     | kW       | 1.16  | 1.16  | 1.15  | 1.16  | 1.29  | 1.29  | 1.29  | 1.30  | 1.44  | 1.44  | 1.44  | 1.45  | 1.61  | 1.61  | 1.60  | 1.61  | 1.79  | 1.79  | 1.79  | 1.80  | 2.00  | 2.00  | 2.00  | 2.01  |
|     |     | Capacity | 25805 | 26165 | 26925 | 28087 | 25578 | 25937 | 26698 | 27859 | 24913 | 25272 | 26033 | 27194 | 23769 | 24129 | 24889 | 26051 | 22371 | 22731 | 23491 | 24653 | 21096 | 21455 | 22215 | 23377 |
|     |     | S/T      | 0.84  | 0.76  | 0.62  | 0.46  | 1.00  | 0.77  | 0.62  | 0.47  | 1.00  | 0.79  | 0.65  | 0.50  | 1.00  | 0.81  | 0.67  | 0.52  | 1.00  | 1.00  | 0.69  | 0.54  | 1.00  | 1.00  | 0.75  | 0.60  |
|     |     | Evap dT  | 21    | 20    | 16    | 13    | 21    | 20    | 16    | 13    | 21    | 20    | 17    | 13    | 21    | 20    | 16    | 13    | 21    | 19    | 16    | 13    | 22    | 20    | 17    | 14    |
| 945 | 833 | Pr Suc   | 129   | 130   | 134   | 139   | 137   | 138   | 141   | 147   | 143   | 145   | 148   | 154   | 149   | 151   | 154   | 159   | 155   | 156   | 159   | 165   | 162   | 163   | 167   | 172   |
|     |     | Pr Dis   | 228   | 229   | 230   | 234   | 263   | 264   | 266   | 270   | 300   | 301   | 303   | 307   | 341   | 342   | 343   | 347   | 384   | 385   | 386   | 390   | 430   | 431   | 433   | 437   |
|     |     | Amps     | 4.1   | 4.1   | 4.1   | 4.1   | 4.7   | 4.7   | 4.7   | 4.7   | 5.4   | 5.4   | 5.3   | 5.4   | 6.1   | 6.1   | 6.1   | 6.1   | 6.9   | 6.9   | 6.9   | 6.9   | 7.8   | 7.8   | 7.8   | 7.8   |
|     |     | kW       | 1.16  | 1.16  | 1.16  | 1.17  | 1.30  | 1.30  | 1.30  | 1.31  | 1.45  | 1.45  | 1.45  | 1.46  | 1.61  | 1.61  | 1.61  | 1.62  | 1.80  | 1.80  | 1.80  | 1.80  | 2.01  | 2.01  | 2.01  | 2.02  |
|     |     | Capacity | 26241 | 26600 | 27361 | 28522 | 26013 | 26372 | 27133 | 28294 | 25348 | 25708 | 26468 | 27630 | 24204 | 24564 | 25324 | 26486 | 22807 | 23166 | 23927 | 25088 | 21531 | 21890 | 22651 | 23812 |
|     | 945 | S/T      | 0.88  | 0.80  | 0.65  | 0.50  | 1.00  | 0.80  | 0.66  | 0.51  | 1.00  | 0.83  | 0.69  | 0.54  | 1.00  | 0.85  | 0.71  | 0.56  | 1.00  | 1.00  | 0.73  | 0.58  | 1.00  | 1.00  | 0.78  | 0.63  |
|     |     | Evap dT  | 20    | 19    | 15    | 12    | 20    | 19    | 15    | 12    | 21    | 19    | 16    | 12    | 20    | 19    | 15    | 12    | 20    | 18    | 15    | 12    | 21    | 19    | 16    | 13    |
|     |     | Pr Suc   | 131   | 133   | 136   | 141   | 139   | 140   | 144   | 149   | 146   | 147   | 150   | 156   | 151   | 153   | 156   | 162   | 157   | 158   | 162   | 167   | 164   | 166   | 169   | 174   |
|     |     | Pr Dis   | 230   | 231   | 232   | 236   | 265   | 266   | 268   | 272   | 302   | 303   | 305   | 309   | 343   | 344   | 345   | 349   | 386   | 387   | 388   | 392   | 432   | 433   | 435   | 439   |
|     |     | Amps     | 4.1   | 4.1   | 4.1   | 4.2   | 4.7   | 4.7   | 4.7   | 4.8   | 5.4   | 5.4   | 5.4   | 5.4   | 6.1   | 6.1   | 6.1   | 6.1   | 6.9   | 6.9   | 6.9   | 6.9   | 7.8   | 7.8   | 7.8   | 7.9   |
|     |     | kW       | 1.17  | 1.17  | 1.17  | 1.18  | 1.31  | 1.30  | 1.30  | 1.31  | 1.46  | 1.46  | 1.45  | 1.46  | 1.62  | 1.62  | 1.62  | 1.63  | 1.80  | 1.80  | 1.80  | 1.81  | 2.02  | 2.02  | 2.01  | 2.02  |

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 (compressor + fan)

## EXPANDING COOLING DATA — GLZT7CA3610A\*+DMVT42CP1300A\* (70%) (CONT.)

|     |          | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |              |       |       |       |       |       |       |       |       |       |
|-----|----------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|     |          | 65°F                        |       |       |       | 75°F  |       |       |       | 85°F  |       |       |       | 95°F  |       |              |       | 105°F |       |       |       | 115°F |       |       |       |
| IDB | AIRFLOW  | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67           | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |
| 80  | Capacity | 25621                       | 25981 | 26741 | 27903 | 25393 | 25753 | 26513 | 27675 | 24728 | 25088 | 25848 | 27010 | 23585 | 23944 | 24705        | 25866 | 22187 | 22547 | 23307 | 24469 | 20911 | 21271 | 22031 | 23193 |
|     | S/T      | 1.00                        | 0.83  | 0.69  | 0.54  | 1.00  | 0.84  | 0.70  | 0.54  | 1.00  | 0.87  | 0.72  | 0.57  | 1.00  | 1.00  | 0.74         | 0.59  | 1.00  | 1.00  | 0.77  | 0.62  | 1.00  | 1.00  | 0.82  | 0.67  |
|     | Evap dT  | 26                          | 24    | 21    | 18    | 26    | 24    | 21    | 18    | 26    | 25    | 21    | 18    | 26    | 24    | 21           | 18    | 26    | 24    | 21    | 18    | 27    | 25    | 22    | 19    |
|     | Pr Suc   | 128                         | 129   | 132   | 138   | 135   | 137   | 140   | 146   | 142   | 144   | 147   | 152   | 148   | 149   | 153          | 158   | 153   | 155   | 158   | 164   | 161   | 162   | 165   | 171   |
|     | Pr Dis   | 226                         | 227   | 229   | 233   | 262   | 263   | 264   | 268   | 299   | 300   | 302   | 306   | 339   | 340   | 342          | 346   | 383   | 384   | 385   | 389   | 429   | 430   | 431   | 435   |
| 833 | Amps     | 4.1                         | 4.1   | 4.1   | 4.1   | 4.7   | 4.7   | 4.7   | 4.7   | 5.3   | 5.3   | 5.3   | 5.4   | 6.0   | 6.0   | 6.0          | 6.1   | 6.8   | 6.8   | 6.8   | 6.9   | 7.8   | 7.8   | 7.8   | 7.8   |
|     | kW       | 1.16                        | 1.16  | 1.15  | 1.16  | 1.29  | 1.29  | 1.29  | 1.30  | 1.44  | 1.44  | 1.44  | 1.45  | 1.61  | 1.61  | 1.60         | 1.61  | 1.79  | 1.79  | 1.79  | 1.80  | 2.01  | 2.00  | 2.00  | 2.01  |
|     | Capacity | 25937                       | 26297 | 27057 | 28219 | 25709 | 26069 | 26829 | 27991 | 25045 | 25404 | 26165 | 27326 | 23901 | 24261 | <b>25021</b> | 26183 | 22503 | 22863 | 23623 | 24785 | 21227 | 21587 | 22347 | 23509 |
|     | S/T      | 1.00                        | 0.89  | 0.75  | 0.60  | 1.00  | 0.90  | 0.75  | 0.60  | 1.00  | 1.00  | 0.78  | 0.63  | 1.00  | 1.00  | <b>0.80</b>  | 0.65  | 1.00  | 1.00  | 0.82  | 0.67  | 1.00  | 1.00  | 1.00  | 0.73  |
|     | Evap dT  | 25                          | 23    | 20    | 17    | 25    | 23    | 20    | 17    | 25    | 24    | 20    | 17    | 25    | 23    | <b>20</b>    | 17    | 25    | 23    | 20    | 17    | 26    | 24    | 21    | 18    |
| 945 | Pr Suc   | 129                         | 131   | 134   | 140   | 137   | 139   | 142   | 147   | 144   | 145   | 149   | 154   | 150   | 151   | <b>154</b>   | 160   | 155   | 157   | 160   | 165   | 162   | 164   | 167   | 172   |
|     | Pr Dis   | 228                         | 229   | 231   | 235   | 264   | 265   | 266   | 270   | 301   | 302   | 303   | 307   | 341   | 342   | <b>344</b>   | 348   | 384   | 385   | 387   | 391   | 431   | 432   | 433   | 437   |
|     | Amps     | 4.1                         | 4.1   | 4.1   | 4.1   | 4.7   | 4.7   | 4.7   | 4.7   | 5.4   | 5.4   | 5.4   | 5.4   | 6.1   | 6.1   | <b>6.1</b>   | 6.1   | 6.9   | 6.9   | 6.9   | 6.9   | 7.8   | 7.8   | 7.8   | 7.8   |
|     | kW       | 1.16                        | 1.16  | 1.16  | 1.17  | 1.30  | 1.30  | 1.30  | 1.31  | 1.45  | 1.45  | 1.45  | 1.46  | 1.61  | 1.61  | <b>1.61</b>  | 1.62  | 1.80  | 1.80  | 1.79  | 1.80  | 2.01  | 2.01  | 2.01  | 2.02  |
|     | Capacity | 26372                       | 26732 | 27492 | 28654 | 26145 | 26504 | 27265 | 28426 | 25480 | 25839 | 26600 | 27761 | 24336 | 24696 | 25456        | 26618 | 22938 | 23298 | 24058 | 25220 | 21663 | 22022 | 22782 | 23944 |
| 945 | S/T      | 1.00                        | 0.93  | 0.79  | 0.63  | 1.00  | 0.93  | 0.79  | 0.64  | 1.00  | 1.00  | 0.82  | 0.67  | 1.00  | 1.00  | 0.84         | 0.69  | 1.00  | 1.00  | 0.86  | 0.71  | 1.00  | 1.00  | 1.00  | 0.77  |
|     | Evap dT  | 24                          | 22    | 19    | 16    | 24    | 22    | 19    | 16    | 24    | 23    | 19    | 16    | 24    | 22    | 19           | 16    | 24    | 22    | 19    | 16    | 25    | 23    | 20    | 17    |
|     | Pr Suc   | 132                         | 133   | 136   | 142   | 139   | 141   | 144   | 150   | 146   | 148   | 151   | 156   | 152   | 153   | 157          | 162   | 157   | 159   | 162   | 168   | 165   | 166   | 169   | 175   |
|     | Pr Dis   | 230                         | 231   | 233   | 237   | 266   | 267   | 268   | 272   | 303   | 304   | 305   | 309   | 343   | 344   | 346          | 350   | 386   | 387   | 389   | 393   | 433   | 434   | 435   | 439   |
|     | Amps     | 4.1                         | 4.1   | 4.1   | 4.2   | 4.7   | 4.7   | 4.7   | 4.8   | 5.4   | 5.4   | 5.4   | 5.4   | 6.1   | 6.1   | 6.1          | 6.1   | 6.9   | 6.9   | 6.9   | 6.9   | 7.8   | 7.8   | 7.8   | 7.9   |
| 945 | kW       | 1.17                        | 1.17  | 1.17  | 1.18  | 1.31  | 1.30  | 1.30  | 1.31  | 1.46  | 1.46  | 1.46  | 1.46  | 1.62  | 1.62  | 1.62         | 1.63  | 1.80  | 1.80  | 1.80  | 1.81  | 2.02  | 2.02  | 2.02  | 2.03  |

|     |          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 735 | Capacity | 26050 | 26409 | 27170 | 28332 | 25822 | 26182 | 26942 | 28104 | 25157 | 25517 | 26277 | 27439 | 24014 | 24373 | 25134 | 26295 | 22616 | 22976 | 23736 | 24898 | 21340 | 21700 | 22460 | 23622 |
|     | S/T      | 1.00  | 0.94  | 0.80  | 0.65  | 1.00  | 1.00  | 0.80  | 0.65  | 1.00  | 1.00  | 0.83  | 0.68  | 1.00  | 1.00  | 0.85  | 0.70  | 1.00  | 1.00  | 1.00  | 0.72  | 1.00  | 1.00  | 1.00  | 0.78  |
|     | Evap dT  | 29    | 28    | 25    | 21    | 29    | 28    | 24    | 21    | 30    | 28    | 25    | 21    | 29    | 28    | 24    | 21    | 29    | 27    | 24    | 21    | 30    | 29    | 25    | 22    |
|     | Pr Suc   | 130   | 131   | 134   | 140   | 137   | 139   | 142   | 148   | 144   | 146   | 149   | 154   | 150   | 151   | 155   | 160   | 155   | 157   | 160   | 166   | 162   | 164   | 167   | 173   |
|     | Pr Dis   | 227   | 228   | 230   | 234   | 263   | 264   | 265   | 269   | 300   | 301   | 303   | 307   | 340   | 341   | 343   | 347   | 384   | 385   | 386   | 390   | 430   | 431   | 432   | 436   |
| 833 | Amps     | 4.1   | 4.1   | 4.1   | 4.1   | 4.7   | 4.7   | 4.7   | 4.7   | 5.3   | 5.3   | 5.3   | 5.4   | 6.1   | 6.1   | 6.0   | 6.1   | 6.9   | 6.8   | 6.8   | 6.9   | 7.8   | 7.8   | 7.8   | 7.8   |
|     | kW       | 1.16  | 1.16  | 1.16  | 1.17  | 1.30  | 1.29  | 1.29  | 1.30  | 1.45  | 1.45  | 1.44  | 1.45  | 1.61  | 1.61  | 1.61  | 1.62  | 1.79  | 1.79  | 1.79  | 1.80  | 2.01  | 2.01  | 2.00  | 2.01  |
|     | Capacity | 26366 | 26726 | 27486 | 28648 | 26138 | 26498 | 27258 | 28420 | 25474 | 25833 | 26594 | 27755 | 24330 | 24690 | 25450 | 26612 | 22932 | 23292 | 24052 | 25214 | 21656 | 22016 | 22776 | 23938 |
|     | S/T      | 1.00  | 1.00  | 0.85  | 0.70  | 1.00  | 1.00  | 0.86  | 0.71  | 1.00  | 1.00  | 0.89  | 0.74  | 1.00  | 1.00  | 0.91  | 0.76  | 1.00  | 1.00  | 1.00  | 0.78  | 1.00  | 1.00  | 1.00  | 0.83  |
|     | Evap dT  | 28    | 27    | 24    | 20    | 28    | 27    | 24    | 20    | 29    | 27    | 24    | 20    | 28    | 27    | 23    | 20    | 28    | 26    | 23    | 20    | 29    | 28    | 24    | 21    |
| 945 | Pr Suc   | 131   | 133   | 136   | 142   | 139   | 141   | 144   | 149   | 146   | 147   | 151   | 156   | 152   | 153   | 156   | 162   | 157   | 159   | 162   | 167   | 164   | 166   | 169   | 174   |
|     | Pr Dis   | 229   | 230   | 232   | 236   | 265   | 266   | 267   | 271   | 302   | 303   | 305   | 308   | 342   | 343   | 345   | 349   | 385   | 386   | 388   | 392   | 432   | 433   | 434   | 438   |
|     | Amps     | 4.1   | 4.1   | 4.1   | 4.2   | 4.7   | 4.7   | 4.7   | 4.7   | 5.4   | 5.4   | 5.4   | 5.4   | 6.1   | 6.1   | 6.1   | 6.1   | 6.9   | 6.9   | 6.9   | 6.9   | 7.8   | 7.8   | 7.8   | 7.8   |
|     | kW       | 1.17  | 1.17  | 1.16  | 1.17  | 1.30  | 1.30  | 1.30  | 1.31  | 1.45  | 1.45  | 1.45  | 1.46  | 1.62  | 1.62  | 1.61  | 1.62  | 1.80  | 1.80  | 1.80  | 1.81  | 2.01  | 2.01  | 2.01  | 2.02  |
|     | Capacity | 26801 | 27161 | 27921 | 29083 | 26573 | 26933 | 27693 | 28855 | 25909 | 26268 | 27029 | 28190 | 24765 | 25125 | 25885 | 27047 | 23367 | 23727 | 24487 | 25649 | 22091 | 22451 | 23211 | 24373 |
| 945 | S/T      | 1.00  | 1.00  | 0.89  | 0.74  | 1.00  | 1.00  | 0.90  | 0.75  | 1.00  | 1.00  | 0.93  | 0.77  | 1.00  | 1.00  | 1.00  | 0.79  | 1.00  | 1.00  | 1.00  | 0.82  | 1.00  | 1.00  | 1.00  | 0.87  |
|     | Evap dT  | 28    | 26    | 23    | 19    | 27    | 26    | 23    | 19    | 28    | 26    | 23    | 19    | 27    | 26    | 23    | 19    | 27    | 26    | 22    | 19    | 28    | 27    | 23    | 20    |
|     | Pr Suc   | 134   | 135   | 138   | 144   | 141   | 143   | 146   | 151   | 148   | 150   | 153   | 158   | 154   | 155   | 159   | 164   | 159   | 161   | 164   | 170   | 166   | 168   | 171   | 177   |
|     | Pr Dis   | 231   | 232   | 234   | 238   | 267   | 268   | 269   | 273   | 304   | 305   | 307   | 310   | 344   | 345   | 347   | 351   | 387   | 388   | 390   | 394   | 434   | 435   | 436   | 440   |
|     | Amps     | 4.2   | 4.2   | 4.1   | 4.2   | 4.7   | 4.7   | 4.7   | 4.8   | 5.4   | 5.4   | 5.4   | 5.4   | 6.1   | 6.1   | 6.1   | 6.1   | 6.9   | 6.9   | 6.9   | 6.9   | 7.8   | 7.8   | 7.8   | 7.9   |
| 945 | kW       | 1.17  | 1.17  | 1.17  | 1.18  | 1.31  | 1.31  | 1.31  | 1.32  | 1.46  | 1.46  | 1.46  | 1.47  | 1.62  | 1.62  | 1.62  | 1.63  | 1.81  | 1.81  | 1.80  | 1.81  | 2.02  | 2.02  | 2.02  | 2.03  |

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

Shaded area reflects AHRl (TVA) conditions

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

7071

DB: Entering Indoor Dry Bulb Temperature

|     |          | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |                                      |       |              |       |       |       |       |       |       |       |       |       |
|-----|----------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------------|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|     |          | 65°F                        |       |       |       | 75°F  |       |       |       | 85°F  |       |       |       | ENTERING INDOOR WET BULB TEMPERATURE |       |              |       |       |       |       |       |       |       |       |       |
| IDB | AIRFLOW  | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59                                   | 63    | 67           | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |
| 80  | Capacity | 47687                       | 48356 | 49769 | 51928 | 47264 | 47932 | 49345 | 51504 | 46029 | 46697 | 48110 | 50269 | 43903                                | 44571 | 45985        | 48143 | 41306 | 41974 | 43387 | 45546 | 38934 | 39603 | 41016 | 43174 |
|     | S/T      | 1.00                        | 0.80  | 0.66  | 0.52  | 1.00  | 0.80  | 0.67  | 0.53  | 1.00  | 0.83  | 0.69  | 0.55  | 1.00                                 | 0.85  | 0.71         | 0.57  | 1.00  | 1.00  | 0.74  | 0.59  | 1.00  | 1.00  | 0.79  | 0.64  |
|     | Evap dT  | 28                          | 26    | 23    | 19    | 28    | 26    | 23    | 19    | 28    | 26    | 23    | 19    | 28                                   | 26    | 23           | 19    | 28    | 26    | 22    | 19    | 29    | 27    | 24    | 20    |
|     | Pr Suc   | 124                         | 125   | 128   | 133   | 131   | 133   | 136   | 141   | 138   | 139   | 142   | 147   | 143                                  | 145   | 148          | 153   | 149   | 150   | 153   | 158   | 155   | 157   | 160   | 165   |
|     | Pr Dis   | 248                         | 249   | 250   | 255   | 286   | 287   | 289   | 294   | 327   | 328   | 330   | 334   | 371                                  | 372   | 374          | 378   | 418   | 419   | 421   | 425   | 469   | 470   | 472   | 476   |
|     | Amps     | 8.9                         | 8.9   | 8.9   | 9.0   | 10.2  | 10.2  | 10.1  | 10.2  | 11.6  | 11.6  | 11.5  | 11.6  | 13.1                                 | 13.1  | 13.1         | 13.2  | 14.8  | 14.8  | 14.8  | 14.9  | 16.8  | 16.8  | 16.8  | 16.9  |
|     | kW       | 2.49                        | 2.49  | 2.48  | 2.51  | 2.78  | 2.78  | 2.77  | 2.79  | 3.10  | 3.10  | 3.10  | 3.12  | 3.45                                 | 3.45  | 3.45         | 3.47  | 3.84  | 3.84  | 3.84  | 3.86  | 4.30  | 4.30  | 4.30  | 4.32  |
|     | Capacity | 48203                       | 48871 | 50284 | 52443 | 47779 | 48447 | 49860 | 52019 | 46544 | 47212 | 48625 | 50784 | 44418                                | 45086 | <b>46500</b> | 48658 | 41821 | 42489 | 43902 | 46061 | 39449 | 40118 | 41531 | 43690 |
|     | S/T      | 1.00                        | 0.85  | 0.71  | 0.57  | 1.00  | 0.85  | 0.72  | 0.57  | 1.00  | 0.88  | 0.74  | 0.60  | 1.00                                 | 1.00  | <b>0.76</b>  | 0.62  | 1.00  | 1.00  | 0.78  | 0.64  | 1.00  | 1.00  | 0.83  | 0.69  |
|     | Evap dT  | 27                          | 25    | 22    | 18    | 27    | 25    | 22    | 18    | 27    | 25    | 22    | 18    | 27                                   | 25    | <b>22</b>    | 18    | 27    | 25    | 21    | 18    | 28    | 26    | 23    | 19    |

|    |          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 85 | Capacity | 48485 | 49153 | 50566 | 52725 | 48061 | 48729 | 50142 | 52301 | 46826 | 47494 | 48907 | 51066 | 44700 | 45368 | 46782 | 48940 | 42103 | 42771 | 44184 | 46343 | 39731 | 40400 | 41813 | 43972 |
|    | S/T      | 1.00  | 0.90  | 0.76  | 0.62  | 1.00  | 0.91  | 0.77  | 0.63  | 1.00  | 1.00  | 0.80  | 0.65  | 1.00  | 1.00  | 0.81  | 0.67  | 1.00  | 1.00  | 0.84  | 0.69  | 1.00  | 1.00  | 1.00  | 0.75  |
|    | Evap dT  | 32    | 30    | 26    | 23    | 32    | 30    | 26    | 23    | 32    | 30    | 27    | 23    | 32    | 30    | 26    | 23    | 31    | 29    | 26    | 22    | 32    | 31    | 27    | 24    |
|    | Pr Suc   | 125   | 127   | 130   | 135   | 133   | 134   | 138   | 143   | 139   | 141   | 144   | 149   | 145   | 146   | 150   | 155   | 150   | 152   | 155   | 160   | 157   | 159   | 162   | 167   |
|    | Pr Dis   | 249   | 250   | 251   | 256   | 288   | 289   | 290   | 295   | 328   | 329   | 331   | 335   | 372   | 373   | 375   | 379   | 420   | 421   | 422   | 427   | 470   | 471   | 473   | 477   |
|    | Amps     | 8.9   | 8.9   | 8.9   | 9.0   | 10.2  | 10.2  | 10.2  | 10.3  | 11.6  | 11.6  | 11.6  | 11.7  | 13.1  | 13.1  | 13.1  | 13.2  | 14.8  | 14.8  | 14.8  | 14.9  | 16.8  | 16.8  | 16.8  | 16.9  |
|    | kW       | 2.50  | 2.49  | 2.49  | 2.51  | 2.79  | 2.78  | 2.78  | 2.80  | 3.11  | 3.11  | 3.10  | 3.12  | 3.46  | 3.46  | 3.45  | 3.47  | 3.85  | 3.85  | 3.85  | 3.86  | 4.31  | 4.31  | 4.30  | 4.32  |
|    | Capacity | 49000 | 49668 | 51081 | 53240 | 48576 | 49244 | 50658 | 52816 | 47341 | 48009 | 49422 | 51581 | 45215 | 45884 | 47297 | 49456 | 42618 | 43286 | 44699 | 46858 | 40247 | 40915 | 42328 | 44487 |
|    | S/T      | 1.00  | 0.95  | 0.81  | 0.67  | 1.00  | 1.00  | 0.82  | 0.67  | 1.00  | 1.00  | 0.84  | 0.70  | 1.00  | 1.00  | 0.86  | 0.72  | 1.00  | 1.00  | 0.88  | 0.74  | 1.00  | 1.00  | 1.00  | 0.79  |
|    | Evap dT  | 31    | 29    | 25    | 22    | 31    | 29    | 25    | 22    | 31    | 29    | 26    | 22    | 31    | 29    | 25    | 22    | 30    | 29    | 25    | 22    | 32    | 30    | 26    | 23    |

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

Shaded area reflects AHRl (TVA) conditions

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

|      |          |          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|----------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 75   | 980      | Capacity | 34111 | 34591 | 35608 | 37160 | 33807 | 34287 | 35303 | 36855 | 32918 | 33399 | 34415 | 35967 | 31390 | 31871 | 32887 | 34439 | 29523 | 30003 | 31019 | 32571 | 27818 | 28298 | 29314 | 30866 |
|      |          | S/T      | 0.77  | 0.69  | 0.55  | 0.40  | 1.00  | 0.70  | 0.56  | 0.41  | 1.00  | 0.72  | 0.58  | 0.44  | 1.00  | 0.74  | 0.60  | 0.46  | 1.00  | 0.77  | 0.63  | 0.48  | 1.00  | 1.00  | 0.68  | 0.53  |
|      |          | Evap dT  | 23    | 21    | 18    | 14    | 23    | 21    | 18    | 14    | 23    | 21    | 18    | 15    | 23    | 21    | 18    | 14    | 23    | 21    | 18    | 14    | 24    | 22    | 19    | 15    |
|      |          | Pr Suc   | 126   | 128   | 131   | 137   | 134   | 136   | 139   | 144   | 141   | 142   | 146   | 151   | 147   | 148   | 151   | 157   | 152   | 154   | 157   | 162   | 159   | 161   | 164   | 169   |
|      |          | Pr Dis   | 236   | 237   | 239   | 243   | 273   | 274   | 276   | 280   | 312   | 313   | 315   | 319   | 354   | 355   | 357   | 361   | 400   | 401   | 402   | 406   | 448   | 449   | 450   | 455   |
|      |          | Amps     | 5.6   | 5.6   | 5.6   | 5.6   | 6.4   | 6.4   | 6.4   | 6.4   | 7.3   | 7.3   | 7.3   | 7.3   | 8.2   | 8.2   | 8.2   | 8.3   | 9.3   | 9.3   | 9.3   | 9.3   | 10.6  | 10.6  | 10.5  | 10.6  |
|      |          | kW       | 1.57  | 1.56  | 1.56  | 1.57  | 1.75  | 1.75  | 1.74  | 1.76  | 1.95  | 1.95  | 1.95  | 1.96  | 2.17  | 2.17  | 2.17  | 2.18  | 2.42  | 2.42  | 2.41  | 2.43  | 2.71  | 2.70  | 2.70  | 2.71  |
| 75   | 1091     | Capacity | 34481 | 34962 | 35978 | 37530 | 34177 | 34657 | 35673 | 37226 | 33289 | 33769 | 34785 | 36337 | 31761 | 32241 | 33257 | 34809 | 29893 | 30373 | 31389 | 32942 | 28188 | 28668 | 29685 | 31237 |
|      |          | S/T      | 0.82  | 0.74  | 0.60  | 0.45  | 1.00  | 0.75  | 0.61  | 0.46  | 1.00  | 0.77  | 0.63  | 0.48  | 1.00  | 0.79  | 0.65  | 0.50  | 1.00  | 1.00  | 0.67  | 0.53  | 1.00  | 1.00  | 0.73  | 0.58  |
|      |          | Evap dT  | 22    | 20    | 17    | 14    | 22    | 20    | 17    | 14    | 22    | 21    | 17    | 14    | 22    | 20    | 17    | 14    | 22    | 20    | 17    | 13    | 23    | 21    | 18    | 14    |
|      |          | Pr Suc   | 128   | 130   | 133   | 138   | 136   | 137   | 140   | 146   | 142   | 144   | 147   | 153   | 148   | 150   | 153   | 158   | 154   | 155   | 158   | 164   | 161   | 162   | 165   | 171   |
|      |          | Pr Dis   | 238   | 239   | 241   | 245   | 275   | 276   | 278   | 282   | 314   | 315   | 317   | 321   | 356   | 357   | 359   | 363   | 401   | 402   | 404   | 408   | 449   | 450   | 452   | 456   |
|      |          | Amps     | 5.6   | 5.6   | 5.6   | 5.7   | 6.4   | 6.4   | 6.4   | 6.5   | 7.3   | 7.3   | 7.3   | 7.4   | 8.3   | 8.3   | 8.2   | 8.3   | 9.3   | 9.3   | 9.3   | 9.4   | 10.6  | 10.6  | 10.6  | 10.6  |
|      |          | kW       | 1.57  | 1.57  | 1.57  | 1.58  | 1.76  | 1.75  | 1.75  | 1.76  | 1.96  | 1.96  | 1.95  | 1.97  | 2.18  | 2.18  | 2.17  | 2.19  | 2.42  | 2.42  | 2.42  | 2.43  | 2.71  | 2.71  | 2.71  | 2.72  |
| 1260 | Capacity | 35160    | 35641 | 36657 | 38209 | 34856 | 35336 | 36352 | 37904 | 33968 | 34448 | 35464 | 37016 | 32439 | 32920 | 33936 | 35488 | 30572 | 31052 | 32068 | 33620 | 28867 | 29347 | 30363 | 31915 |       |
|      | S/T      | 0.86     | 0.78  | 0.64  | 0.49  | 1.00  | 0.79  | 0.65  | 0.50  | 1.00  | 0.81  | 0.67  | 0.52  | 1.00  | 0.83  | 0.69  | 0.54  | 1.00  | 1.00  | 0.71  | 0.57  | 1.00  | 1.00  | 0.77  | 0.62  |       |
|      | Evap dT  | 21       | 19    | 16    | 12    | 21    | 19    | 16    | 12    | 21    | 19    | 16    | 13    | 21    | 19    | 16    | 12    | 21    | 19    | 16    | 12    | 22    | 20    | 17    | 13    |       |
|      | Pr Suc   | 131      | 132   | 135   | 141   | 138   | 140   | 143   | 148   | 145   | 147   | 150   | 155   | 151   | 152   | 155   | 161   | 156   | 158   | 161   | 166   | 163   | 165   | 168   | 173   |       |
|      | Pr Dis   | 240      | 241   | 243   | 247   | 277   | 278   | 280   | 284   | 316   | 317   | 319   | 323   | 358   | 359   | 361   | 365   | 404   | 405   | 406   | 410   | 452   | 453   | 454   | 459   |       |
|      | Amps     | 5.7      | 5.7   | 5.7   | 5.7   | 6.5   | 6.5   | 6.5   | 6.5   | 7.4   | 7.3   | 7.3   | 7.4   | 8.3   | 8.3   | 8.3   | 8.4   | 9.4   | 9.4   | 9.4   | 9.4   | 10.6  | 10.6  | 10.6  | 10.7  |       |
|      | kW       | 1.58     | 1.58  | 1.58  | 1.59  | 1.76  | 1.76  | 1.76  | 1.77  | 1.97  | 1.97  | 1.96  | 1.98  | 2.19  | 2.19  | 2.18  | 2.20  | 2.43  | 2.43  | 2.43  | 2.44  | 2.72  | 2.72  | 2.72  | 2.73  |       |

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

| IDB                                                                           |          | AIRFLOW                                                                |       | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |
|-------------------------------------------------------------------------------|----------|------------------------------------------------------------------------|-------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
|                                                                               |          |                                                                        |       | 65°F                        |       |       |       | 75°F  |       |       |       | 85°F  |       |       |       | 95°F  |       |       |       | 105°F |       |       |       | 115°F |       |       |    |
|                                                                               |          |                                                                        |       | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71 |
|                                                                               |          | ENTERING INDOOR WET BULB TEMPERATURE                                   |       |                             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |
|                                                                               |          | 59                                                                     | 63    | 67                          | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |       |    |
| 80                                                                            | 980      | Capacity                                                               | 34287 | 34768                       | 35784 | 37336 | 33983 | 34463 | 35479 | 37031 | 33095 | 33575 | 34591 | 36143 | 31566 | 32047 | 33063 | 34615 | 29699 | 30179 | 31195 | 32747 | 27994 | 28474 | 29490 | 31042 |    |
|                                                                               |          | S/T                                                                    | 1.00  | 0.82                        | 0.68  | 0.53  | 1.00  | 0.83  | 0.69  | 0.54  | 1.00  | 0.85  | 0.71  | 0.57  | 1.00  | 1.00  | 0.73  | 0.59  | 1.00  | 1.00  | 0.76  | 0.61  | 1.00  | 1.00  | 0.81  | 0.66  |    |
|                                                                               |          | Evap dT                                                                | 27    | 25                          | 22    | 18    | 27    | 25    | 22    | 18    | 27    | 25    | 22    | 19    | 27    | 25    | 22    | 18    | 27    | 25    | 22    | 18    | 28    | 26    | 23    | 19    |    |
|                                                                               |          | Pr Suc                                                                 | 127   | 129                         | 132   | 137   | 135   | 136   | 139   | 145   | 141   | 143   | 146   | 152   | 147   | 149   | 152   | 157   | 153   | 154   | 157   | 163   | 160   | 161   | 164   | 170   |    |
|                                                                               |          | Pr Dis                                                                 | 237   | 238                         | 239   | 243   | 274   | 275   | 277   | 281   | 313   | 314   | 315   | 320   | 355   | 356   | 357   | 362   | 400   | 401   | 403   | 407   | 448   | 449   | 451   | 455   |    |
|                                                                               | Amps     | 5.6                                                                    | 5.6   | 5.6                         | 5.6   | 6.4   | 6.4   | 6.4   | 6.4   | 7.3   | 7.3   | 7.3   | 7.3   | 8.2   | 8.2   | 8.2   | 8.3   | 9.3   | 9.3   | 9.3   | 9.3   | 10.6  | 10.6  | 10.5  | 10.6  |       |    |
|                                                                               | kW       | 1.57                                                                   | 1.56  | 1.56                        | 1.58  | 1.75  | 1.75  | 1.74  | 1.76  | 1.95  | 1.95  | 1.95  | 1.96  | 2.17  | 2.17  | 2.17  | 2.18  | 2.42  | 2.42  | 2.42  | 2.43  | 2.71  | 2.70  | 2.70  | 2.72  |       |    |
|                                                                               | 1091     | Capacity                                                               | 34658 | 35138                       | 36154 | 37706 | 34353 | 34834 | 35850 | 37402 | 33465 | 33945 | 34961 | 36514 | 31937 | 32417 | 33433 | 34985 | 30069 | 30550 | 31566 | 33118 | 28364 | 28845 | 29861 | 31413 |    |
|                                                                               |          | S/T                                                                    | 1.00  | 0.87                        | 0.73  | 0.58  | 1.00  | 0.87  | 0.74  | 0.59  | 1.00  | 0.90  | 0.76  | 0.61  | 1.00  | 1.00  | 0.78  | 0.63  | 1.00  | 1.00  | 0.80  | 0.66  | 1.00  | 1.00  | 0.86  | 0.71  |    |
|                                                                               |          | Evap dT                                                                | 26    | 24                          | 21    | 18    | 26    | 24    | 21    | 17    | 26    | 25    | 21    | 18    | 26    | 24    | 21    | 17    | 26    | 24    | 21    | 17    | 27    | 25    | 22    | 18    |    |
| Pr Suc                                                                        |          | 129                                                                    | 130   | 133                         | 139   | 136   | 138   | 141   | 146   | 143   | 145   | 148   | 153   | 149   | 150   | 153   | 159   | 154   | 156   | 159   | 164   | 161   | 163   | 166   | 171   |       |    |
| Pr Dis                                                                        |          | 238                                                                    | 239   | 241                         | 245   | 275   | 276   | 278   | 282   | 314   | 315   | 317   | 321   | 356   | 357   | 359   | 363   | 402   | 403   | 404   | 408   | 450   | 451   | 452   | 457   |       |    |
| Amps                                                                          | 5.6      | 5.6                                                                    | 5.6   | 5.7                         | 6.4   | 6.4   | 6.4   | 6.5   | 7.3   | 7.3   | 7.3   | 7.4   | 8.3   | 8.3   | 8.3   | 8.3   | 9.3   | 9.3   | 9.3   | 9.4   | 10.6  | 10.6  | 10.6  | 10.6  |       |       |    |
| kW                                                                            | 1.57     | 1.57                                                                   | 1.57  | 1.58                        | 1.76  | 1.75  | 1.75  | 1.77  | 1.96  | 1.96  | 1.95  | 1.97  | 2.18  | 2.18  | 2.18  | 2.19  | 2.43  | 2.42  | 2.42  | 2.43  | 2.71  | 2.71  | 2.71  | 2.72  |       |       |    |
| 1260                                                                          | Capacity | 35336                                                                  | 35817 | 36833                       | 38385 | 35032 | 35512 | 36529 | 38081 | 34144 | 34624 | 35640 | 37192 | 32616 | 33096 | 34112 | 35664 | 30748 | 31228 | 32245 | 33797 | 29043 | 29523 | 30540 | 32092 |       |    |
|                                                                               | S/T      | 1.00                                                                   | 0.91  | 0.77                        | 0.62  | 1.00  | 0.91  | 0.77  | 0.63  | 1.00  | 1.00  | 0.80  | 0.65  | 1.00  | 1.00  | 0.82  | 0.67  | 1.00  | 1.00  | 0.84  | 0.70  | 1.00  | 1.00  | 1.00  | 0.75  |       |    |
|                                                                               | Evap dT  | 25                                                                     | 23    | 20                          | 16    | 25    | 23    | 20    | 16    | 25    | 23    | 20    | 17    | 25    | 23    | 20    | 16    | 25    | 23    | 20    | 16    | 26    | 24    | 21    | 17    |       |    |
|                                                                               | Pr Suc   | 131                                                                    | 133   | 136                         | 141   | 139   | 140   | 144   | 149   | 146   | 147   | 150   | 156   | 151   | 153   | 156   | 161   | 157   | 158   | 162   | 167   | 164   | 165   | 169   | 174   |       |    |
|                                                                               | Pr Dis   | 241                                                                    | 242   | 243                         | 247   | 278   | 279   | 281   | 285   | 317   | 318   | 319   | 324   | 359   | 360   | 361   | 366   | 404   | 405   | 407   | 411   | 452   | 453   | 455   | 459   |       |    |
| Amps                                                                          | 5.7      | 5.7                                                                    | 5.7   | 5.7                         | 6.5   | 6.5   | 6.5   | 6.5   | 7.4   | 7.4   | 7.3   | 7.4   | 8.3   | 8.3   | 8.3   | 8.4   | 9.4   | 9.4   | 9.4   | 9.4   | 10.6  | 10.6  | 10.6  | 10.7  |       |       |    |
| kW                                                                            | 1.58     | 1.58                                                                   | 1.58  | 1.59                        | 1.77  | 1.76  | 1.76  | 1.78  | 1.97  | 1.97  | 1.96  | 1.98  | 2.19  | 2.19  | 2.18  | 2.20  | 2.44  | 2.43  | 2.43  | 2.44  | 2.72  | 2.72  | 2.72  | 2.73  |       |       |    |
| 85                                                                            | 980      | Capacity                                                               | 34860 | 35341                       | 36357 | 37909 | 34556 | 35036 | 36052 | 37605 | 33668 | 34148 | 35164 | 36716 | 32140 | 32620 | 33636 | 35188 | 30272 | 30752 | 31768 | 33321 | 28567 | 29047 | 30063 | 31616 |    |
|                                                                               |          | S/T                                                                    | 1.00  | 0.92                        | 0.78  | 0.64  | 1.00  | 1.00  | 0.79  | 0.64  | 1.00  | 1.00  | 0.82  | 0.67  | 1.00  | 1.00  | 0.84  | 0.69  | 1.00  | 1.00  | 1.00  | 0.71  | 1.00  | 1.00  | 1.00  | 0.77  |    |
|                                                                               |          | Evap dT                                                                | 31    | 29                          | 25    | 22    | 30    | 29    | 25    | 22    | 31    | 29    | 26    | 22    | 30    | 29    | 25    | 22    | 30    | 28    | 25    | 22    | 31    | 30    | 26    | 23    |    |
|                                                                               |          | Pr Suc                                                                 | 129   | 130                         | 134   | 139   | 137   | 138   | 141   | 147   | 143   | 145   | 148   | 153   | 149   | 151   | 154   | 159   | 155   | 156   | 159   | 165   | 162   | 163   | 166   | 172   |    |
|                                                                               |          | Pr Dis                                                                 | 238   | 239                         | 240   | 245   | 275   | 276   | 278   | 282   | 314   | 315   | 317   | 321   | 356   | 357   | 359   | 363   | 401   | 402   | 404   | 408   | 449   | 450   | 452   | 456   |    |
|                                                                               | Amps     | 5.6                                                                    | 5.6   | 5.6                         | 5.7   | 6.4   | 6.4   | 6.4   | 6.5   | 7.3   | 7.3   | 7.3   | 7.3   | 8.3   | 8.2   | 8.2   | 8.3   | 9.3   | 9.3   | 9.3   | 9.4   | 10.6  | 10.6  | 10.6  | 10.6  |       |    |
|                                                                               | kW       | 1.57                                                                   | 1.57  | 1.57                        | 1.58  | 1.75  | 1.75  | 1.75  | 1.76  | 1.96  | 1.95  | 1.95  | 1.96  | 2.18  | 2.17  | 2.17  | 2.18  | 2.42  | 2.42  | 2.42  | 2.43  | 2.71  | 2.71  | 2.71  | 2.72  |       |    |
|                                                                               | 1091     | Capacity                                                               | 35231 | 35711                       | 36727 | 38279 | 34926 | 35407 | 36423 | 37975 | 34038 | 34518 | 35535 | 37087 | 32510 | 32990 | 34006 | 35559 | 30642 | 31123 | 32139 | 33691 | 28937 | 29418 | 30434 | 31986 |    |
|                                                                               |          | S/T                                                                    | 1.00  | 0.97                        | 0.83  | 0.69  | 1.00  | 1.00  | 0.84  | 0.69  | 1.00  | 1.00  | 0.86  | 0.72  | 1.00  | 1.00  | 0.88  | 0.74  | 1.00  | 1.00  | 1.00  | 0.76  | 1.00  | 1.00  | 1.00  | 0.81  |    |
|                                                                               |          | Evap dT                                                                | 30    | 28                          | 25    | 21    | 30    | 28    | 24    | 21    | 30    | 28    | 25    | 21    | 30    | 28    | 24    | 21    | 29    | 28    | 24    | 21    | 30    | 29    | 25    | 22    |    |
| Pr Suc                                                                        |          | 130                                                                    | 132   | 135                         | 141   | 138   | 140   | 143   | 148   | 145   | 146   | 150   | 155   | 151   | 152   | 155   | 161   | 156   | 158   | 161   | 166   | 163   | 165   | 168   | 173   |       |    |
| Pr Dis                                                                        |          | 239                                                                    | 240   | 242                         | 246   | 277   | 278   | 279   | 283   | 316   | 317   | 318   | 322   | 357   | 358   | 360   | 364   | 403   | 404   | 405   | 409   | 451   | 452   | 454   | 458   |       |    |
| Amps                                                                          | 5.7      | 5.6                                                                    | 5.6   | 5.7                         | 6.4   | 6.4   | 6.4   | 6.5   | 7.3   | 7.3   | 7.3   | 7.4   | 8.3   | 8.3   | 8.3   | 8.3   | 9.4   | 9.4   | 9.4   | 9.4   | 10.6  | 10.6  | 10.6  | 10.7  |       |       |    |
| kW                                                                            | 1.58     | 1.58                                                                   | 1.57  | 1.59                        | 1.76  | 1.76  | 1.76  | 1.77  | 1.96  | 1.96  | 1.96  | 1.97  | 2.18  | 2.18  | 2.18  | 2.19  | 2.43  | 2.43  | 2.42  | 2.44  | 2.72  | 2.72  | 2.72  | 2.71  | 2.73  |       |    |
| 1260                                                                          | Capacity | 35910                                                                  | 36390 | 37406                       | 38958 | 35605 | 36086 | 37102 | 38654 | 34717 | 35197 | 36213 | 37766 | 33189 | 33669 | 34685 | 36237 | 31321 | 31802 | 32818 | 34370 | 29616 | 30097 | 31113 | 32665 |       |    |
|                                                                               | S/T      | 1.00                                                                   | 1.00  | 0.87                        | 0.73  | 1.00  | 1.00  | 0.88  | 0.73  | 1.00  | 1.00  | 0.90  | 0.76  | 1.00  | 1.00  | 0.92  | 0.78  | 1.00  | 1.00  | 1.00  | 0.80  | 1.00  | 1.00  | 1.00  | 0.85  |       |    |
|                                                                               | Evap dT  | 29                                                                     | 27    | 23                          | 20    | 28    | 27    | 23    | 20    | 29    | 27    | 24    | 20    | 28    | 27    | 23    | 20    | 28    | 26    | 23    | 20    | 29    | 28    | 24    | 21    |       |    |
|                                                                               | Pr Suc   | 133                                                                    | 135   | 138                         | 143   | 141   | 142   | 145   | 151   | 147   | 149   | 152   | 158   | 153   | 155   | 158   | 163   | 159   | 160   | 163   | 169   | 166   | 167   | 170   | 176   |       |    |
|                                                                               | Pr Dis   | 242                                                                    | 243   | 244                         | 249   | 279   | 280   | 282   | 286   | 318   | 319   | 321   | 325   | 360   | 361   | 363   | 367   | 405   | 406   | 408   | 412   | 453   | 454   | 456   | 460   |       |    |
| Amps                                                                          | 5.7      | 5.7                                                                    | 5.7   | 5.7                         | 6.5   | 6.5   | 6.5   | 6.5   | 7.4   | 7.4   | 7.4   | 7.4   | 8.3   | 8.3   | 8.3   | 8.4   | 9.4   | 9.4   | 9.4   | 9.4   | 10.7  | 10.6  | 10.6  | 10.7  |       |       |    |
| kW                                                                            | 1.59     | 1.59                                                                   | 1.58  | 1.60                        | 1.77  | 1.77  | 1.77  | 1.76  | 1.78  | 1.97  | 1.97  | 1.97  | 1.98  | 2.19  | 2.19  | 2.19  | 2.20  | 2.44  | 2.44  | 2.43  | 2.45  | 2.73  | 2.73  | 2.72  | 2.74  |       |    |
| IDB: Entering Indoor Dry Bulb Temperature                                     |          | Shaded area reflects AHRI (TVA) conditions                             |       |                             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |
| High and low pressures are measured at the liquid and suction service valves. |          | kW = Total system power<br>Amps = outdoor unit amps (compressor + fan) |       |                             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |

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

|      |          | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |  |
|------|----------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
|      |          | 65°F                        |       |       |       |       | 75°F  |       |       |       |       | 85°F  |       |       |       |       | 95°F  |       |       |       |       | 105°F |       |       |       |       | 115°F |       |       |  |  |
| IDB  | AIRFLOW  | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |  |  |
| 80   | Capacity | 57512                       | 58317 | 60019 | 62619 | 57002 | 57807 | 59509 | 62109 | 55514 | 56319 | 58021 | 60621 | 52955 | 53760 | 55461 | 58061 | 49827 | 50631 | 52333 | 54933 | 46971 | 47776 | 49477 | 52077 | 46971 | 47776 | 49477 | 52077 |  |  |
|      | S/T      | 0.87                        | 0.80  | 0.66  | 0.52  | 1.00  | 0.80  | 0.67  | 0.53  | 1.00  | 0.83  | 0.69  | 0.55  | 1.00  | 0.85  | 0.71  | 0.57  | 1.00  | 1.00  | 0.73  | 0.59  | 1.00  | 1.00  | 0.78  | 0.64  | 1.00  | 1.00  | 0.78  | 0.64  |  |  |
|      | Evap dT  | 27                          | 25    | 22    | 18    | 27    | 25    | 22    | 18    | 27    | 26    | 22    | 19    | 27    | 25    | 22    | 18    | 27    | 25    | 22    | 18    | 28    | 26    | 23    | 19    | 28    | 26    | 23    | 19    |  |  |
|      | Pr Suc   | 120                         | 122   | 125   | 130   | 128   | 129   | 132   | 137   | 134   | 135   | 139   | 144   | 139   | 141   | 144   | 149   | 145   | 146   | 149   | 154   | 151   | 153   | 156   | 161   | 151   | 153   | 156   | 161   |  |  |
|      | Pr Dis   | 256                         | 258   | 259   | 264   | 297   | 298   | 300   | 304   | 339   | 340   | 342   | 346   | 384   | 385   | 387   | 392   | 433   | 434   | 436   | 441   | 485   | 487   | 488   | 493   | 485   | 487   | 488   | 493   |  |  |
|      | Amps     | 11.4                        | 11.4  | 11.4  | 11.5  | 13.1  | 13.1  | 13.0  | 13.2  | 14.9  | 14.9  | 14.9  | 15.0  | 17.0  | 16.9  | 16.9  | 17.0  | 19.2  | 19.2  | 19.2  | 19.3  | 21.8  | 21.8  | 21.8  | 21.9  | 21.8  | 21.8  | 21.8  | 21.9  |  |  |
|      | kW       | 3.31                        | 3.30  | 3.30  | 3.33  | 3.69  | 3.69  | 3.68  | 3.71  | 4.12  | 4.11  | 4.11  | 4.14  | 4.58  | 4.58  | 4.57  | 4.60  | 5.10  | 5.09  | 5.09  | 5.12  | 5.70  | 5.70  | 5.70  | 5.72  | 5.70  | 5.70  | 5.72  | 5.74  |  |  |
|      | Capacity | 58050                       | 58855 | 60557 | 63157 | 57540 | 58345 | 60047 | 62647 | 56053 | 56857 | 58559 | 61159 | 53493 | 54298 | 56000 | 58599 | 50365 | 51170 | 52871 | 55471 | 47509 | 48314 | 50016 | 52615 | 47509 | 48314 | 50016 | 52615 |  |  |
|      | S/T      | 0.91                        | 0.83  | 0.70  | 0.56  | 1.00  | 0.84  | 0.71  | 0.57  | 1.00  | 0.86  | 0.73  | 0.59  | 1.00  | 0.88  | 0.75  | 0.61  | 1.00  | 1.00  | 0.77  | 0.63  | 1.00  | 1.00  | 0.82  | 0.68  | 1.00  | 1.00  | 0.82  | 0.68  |  |  |
|      | Evap dT  | 26                          | 25    | 21    | 18    | 27    | 25    | 22    | 18    | 27    | 25    | 22    | 18    | 27    | 25    | 22    | 18    | 27    | 25    | 21    | 18    | 28    | 26    | 23    | 19    | 28    | 26    | 23    | 19    |  |  |
|      | Pr Suc   | 122                         | 123   | 126   | 131   | 129   | 130   | 133   | 139   | 135   | 137   | 140   | 145   | 141   | 142   | 145   | 150   | 146   | 147   | 150   | 156   | 153   | 154   | 157   | 162   | 153   | 154   | 157   | 162   |  |  |
| 2250 | Pr Dis   | 258                         | 259   | 261   | 265   | 298   | 299   | 301   | 306   | 340   | 341   | 343   | 348   | 386   | 387   | 389   | 393   | 435   | 436   | 438   | 442   | 487   | 488   | 490   | 494   | 487   | 488   | 490   | 494   |  |  |
|      | Amps     | 11.5                        | 11.5  | 11.4  | 11.6  | 13.1  | 13.1  | 13.1  | 13.2  | 15.0  | 15.0  | 15.0  | 15.1  | 17.0  | 17.0  | 17.0  | 17.1  | 19.3  | 19.3  | 19.2  | 19.4  | 21.9  | 21.9  | 21.9  | 22.0  | 21.9  | 21.9  | 21.9  | 22.0  |  |  |
|      | kW       | 3.32                        | 3.32  | 3.31  | 3.34  | 3.70  | 3.70  | 3.69  | 3.72  | 4.13  | 4.13  | 4.12  | 4.15  | 4.59  | 4.59  | 4.58  | 4.61  | 5.11  | 5.11  | 5.10  | 5.13  | 5.72  | 5.71  | 5.71  | 5.74  | 5.72  | 5.71  | 5.74  | 5.74  |  |  |
|      | Capacity | 59342                       | 60146 | 61848 | 64448 | 58832 | 59636 | 61338 | 63938 | 57344 | 58149 | 59851 | 62450 | 54784 | 55589 | 57291 | 59891 | 51656 | 52461 | 54163 | 56763 | 48800 | 49605 | 51307 | 53907 | 48800 | 49605 | 51307 | 53907 |  |  |
|      | S/T      | 1.00                        | 0.87  | 0.74  | 0.60  | 1.00  | 0.88  | 0.75  | 0.61  | 1.00  | 0.91  | 0.77  | 0.63  | 1.00  | 0.92  | 0.79  | 0.65  | 1.00  | 1.00  | 0.81  | 0.67  | 1.00  | 1.00  | 0.86  | 0.72  | 1.00  | 1.00  | 0.86  | 0.72  |  |  |
|      | Evap dT  | 25                          | 23    | 20    | 16    | 25    | 23    | 20    | 16    | 25    | 24    | 20    | 17    | 25    | 23    | 20    | 16    | 25    | 23    | 20    | 16    | 26    | 24    | 21    | 18    | 26    | 24    | 21    | 18    |  |  |
|      | Pr Suc   | 124                         | 126   | 129   | 134   | 132   | 133   | 136   | 141   | 138   | 139   | 143   | 148   | 143   | 145   | 148   | 153   | 149   | 150   | 153   | 158   | 155   | 157   | 160   | 165   | 155   | 157   | 160   | 165   |  |  |
|      | Pr Dis   | 261                         | 262   | 264   | 268   | 301   | 302   | 304   | 308   | 343   | 344   | 346   | 351   | 389   | 390   | 392   | 396   | 438   | 439   | 441   | 445   | 490   | 491   | 493   | 497   | 490   | 491   | 493   | 497   |  |  |
|      | Amps     | 11.6                        | 11.6  | 11.5  | 11.7  | 13.2  | 13.2  | 13.2  | 13.3  | 15.1  | 15.1  | 15.1  | 15.2  | 17.1  | 17.1  | 17.1  | 17.2  | 19.4  | 19.4  | 19.3  | 19.5  | 22.0  | 22.0  | 22.0  | 22.1  | 22.0  | 22.0  | 22.0  | 22.1  |  |  |
|      | kW       | 3.34                        | 3.34  | 3.33  | 3.36  | 3.73  | 3.72  | 3.72  | 3.75  | 4.15  | 4.15  | 4.14  | 4.17  | 4.62  | 4.61  | 4.61  | 4.64  | 5.13  | 5.13  | 5.12  | 5.15  | 5.74  | 5.74  | 5.74  | 5.76  | 5.74  | 5.74  | 5.76  | 5.76  |  |  |

|      |          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1750 | Capacity | 58472 | 59277 | 60979 | 63579 | 57962 | 58767 | 60469 | 63069 | 56474 | 57279 | 58981 | 61581 | 53915 | 54719 | 56421 | 59021 | 50787 | 51591 | 53293 | 55893 | 47931 | 48736 | 50437 | 53037 | 47931 | 48736 | 50437 | 53037 |
|      | S/T      | 1.00  | 0.90  | 0.76  | 0.62  | 1.00  | 0.90  | 0.77  | 0.63  | 1.00  | 0.90  | 0.77  | 0.65  | 1.00  | 1.00  | 0.81  | 0.67  | 1.00  | 1.00  | 0.83  | 0.69  | 1.00  | 1.00  | 0.88  | 0.74  | 1.00  | 1.00  | 0.88  | 0.74  |
|      | Evap dT  | 31    | 29    | 26    | 22    | 31    | 29    | 25    | 22    | 31    | 29    | 26    | 22    | 31    | 29    | 25    | 22    | 30    | 29    | 25    | 22    | 32    | 30    | 26    | 23    | 32    | 30    | 26    | 23    |
|      | Pr Suc   | 122   | 124   | 127   | 132   | 129   | 131   | 134   | 139   | 136   | 137   | 140   | 145   | 141   | 143   | 146   | 151   | 146   | 148   | 151   | 156   | 153   | 155   | 158   | 163   | 153   | 155   | 158   | 163   |
|      | Pr Dis   | 258   | 259   | 261   | 265   | 298   | 299   | 301   | 305   | 340   | 341   | 343   | 347   | 385   | 387   | 388   | 393   | 434   | 435   | 437   | 442   | 487   | 488   | 490   | 494   | 487   | 488   | 490   | 494   |
|      | Amps     | 11.5  | 11.4  | 11.4  | 11.5  | 13.1  | 13.1  | 13.1  | 13.2  | 15.0  | 15.0  | 14.9  | 15.1  | 17.0  | 17.0  | 17.0  | 17.1  | 19.2  | 19.2  | 19.2  | 19.3  | 21.9  | 21.9  | 21.8  | 22.0  | 21.9  | 21.9  | 21.8  | 22.0  |
|      | kW       | 3.31  | 3.31  | 3.30  | 3.33  | 3.70  | 3.69  | 3.69  | 3.72  | 4.12  | 4.12  | 4.11  | 4.14  | 4.59  | 4.58  | 4.58  | 4.61  | 5.10  | 5.10  | 5.09  | 5.12  | 5.71  | 5.71  | 5.70  | 5.73  | 5.71  | 5.71  | 5.70  | 5.73  |
|      | Capacity | 59010 | 59815 | 61517 | 64117 | 58500 | 59305 | 61007 | 63607 | 57013 | 57817 | 59519 | 62119 | 54453 | 55258 | 56960 | 59559 | 51325 | 52130 | 53831 | 56431 | 48469 | 49274 | 50976 | 53575 | 48469 | 49274 | 50976 | 53575 |
|      | S/T      | 1.00  | 0.93  | 0.80  | 0.66  | 1.00  | 0.94  | 0.81  | 0.67  | 1.00  | 0.94  | 0.81  | 0.69  | 1.00  | 1.00  | 0.85  | 0.71  | 1.00  | 1.00  | 0.87  | 0.73  | 1.00  | 1.00  | 1.00  | 0.78  | 1.00  | 1.00  | 1.00  | 0.78  |
|      | Evap dT  | 30    | 28    | 25    | 21    | 30    | 28    | 25    | 21    | 30    | 28    | 25    | 21    | 30    | 28    | 25    | 21    | 30    | 28    | 24    | 21    | 31    | 29    | 26    | 22    | 31    | 29    | 26    | 22    |
|      | Pr Suc   | 123   | 125   | 128   | 133   | 131   | 132   | 135   | 140   | 137   | 139   | 142   | 147   | 142   | 144   | 147   | 152   | 148   | 149   | 152   | 157   | 154   | 156   | 159   | 164   | 154   | 156   | 159   | 164   |
| 85   | Pr Dis   | 259   | 260   | 262   | 266   | 299   | 300   | 302   | 307   | 342   | 343   | 344   | 349   | 387   | 388   | 390   | 394   | 436   | 437   | 439   | 443   | 488   | 489   | 491   | 495   | 488   | 489   | 491   | 495   |
|      | Amps     | 11.5  | 11.5  | 11.5  | 11.6  | 13.2  | 13.2  | 13.1  | 13.3  | 15.0  | 15.0  | 15.0  | 15.1  | 17.1  | 17.0  | 17.0  | 17.1  | 19.3  | 19.3  | 19.3  | 19.4  | 21.9  | 21.9  | 21.9  | 22.0  | 21.9  | 21.9  | 21.9  | 22.0  |
|      | kW       | 3.33  | 3.32  | 3.32  | 3.35  | 3.71  | 3.71  | 3.70  | 3.73  | 4.14  | 4.13  | 4.13  | 4.16  | 4.60  | 4.60  | 4.59  | 4.62  | 5.12  | 5.11  | 5.11  | 5.14  | 5.72  | 5.72  | 5.71  | 5.74  | 5.72  | 5.72  | 5.71  | 5.74  |
|      | Capacity | 60302 | 61106 | 62808 | 65408 | 59792 | 60596 | 62298 | 64898 | 58304 | 59109 | 60811 | 63410 | 55744 | 56549 | 58251 | 60851 | 52616 | 53421 | 55123 | 57723 | 49760 | 50565 | 52267 | 54867 | 49760 | 50565 | 52267 | 54867 |
|      | S/T      | 1.00  | 0.97  | 0.84  | 0.70  | 1.00  | 0.98  | 0.85  | 0.71  | 1.00  | 1.00  | 0.87  | 0.73  | 1.00  | 1.00  | 0.89  | 0.75  | 1.00  | 1.00  | 0.91  | 0.77  | 1.00  | 1.00  | 1.00  | 0.82  | 1.00  | 1.00  | 1.00  | 0.82  |
|      | Evap dT  | 29    | 27    | 24    | 20    | 29    | 27    | 23    | 20    | 29    | 27    | 24    | 20    | 29    | 27    | 23    | 20    | 28    | 27    | 23    | 20    | 30    | 28    | 24    | 21    | 30    | 28    | 24    | 21    |
|      | Pr Suc   | 126   | 128   | 131   | 136   | 133   | 135   | 138   | 143   | 140   | 141   | 144   | 149   | 145   | 147   | 150   | 155   | 150   | 152   | 155   | 160   | 157   | 159   | 162   | 167   | 157   | 159   | 162   | 167   |
|      | Pr Dis   | 262   | 263   | 265   | 269   | 302   | 303   | 305   | 310   | 344   | 346   | 347   | 352   | 390   | 391   | 393   | 397   | 439   | 440   | 442   | 446   | 491   | 492   | 494   | 498   | 491   | 492   | 494   | 498   |
|      | Amps     | 11.6  | 11.6  | 11.6  | 11.7  | 13.3  | 13.3  | 13.2  | 13.4  | 15.1  | 15.1  | 15.1  | 15.2  | 17.1  | 17.1  | 17.1  | 17.2  | 19.4  | 19.4  | 19.4  | 19.5  | 22.0  | 22.0  | 22.0  | 22.1  | 22.0  | 22.0  | 22.0  | 22.1  |
|      | kW       | 3.35  | 3.35  | 3.34  | 3.37  | 3.73  | 3.73  | 3.73  | 3.75  | 4.16  | 4.16  | 4.15  | 4.18  | 4.62  | 4.62  | 4.61  | 4.64  | 5.14  | 5.14  | 5.13  | 5.16  | 5.75  | 5.75  | 5.74  | 5.77  | 5.75  | 5.75  | 5.74  | 5.77  |

IDB: Entering Indoor Dry Bulb Temperature

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

Shaded area reflects AHRI (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (compressor + fan)

## EXPANDING COOLING DATA — GLZT7CA4810A\*+DMVT60DP1300A\* (70%)

|                                          |          | OUTDOOR AMBIENT TEMPERATURE                                                                                                                             |       |       |       |       |       |       |       |       |       |       |       |       |              |       |       |       |       |       |       |       |       |       |       |
|------------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                          |          | 65°F                                                                                                                                                    |       |       |       | 75°F  |       |       |       | 85°F  |       |       |       | 95°F  |              |       |       | 105°F |       |       |       | 115°F |       |       |       |
| IDB                                      | AIRFLOW  | 59                                                                                                                                                      | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63           | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |
| 70                                       | Capacity | 41115                                                                                                                                                   | 41694 | 42917 | -     | 40748 | 41327 | 42551 | -     | 39679 | 40257 | 41481 | -     | 37838 | 38417        | 39641 | -     | 35589 | 36168 | 37392 | -     | 33536 | 34115 | 35338 | -     |
|                                          | S/T      | 0.64                                                                                                                                                    | 0.56  | 0.42  | -     | 0.64  | 0.57  | 0.43  | -     | 0.67  | 0.59  | 0.45  | -     | 0.69  | 0.61         | 0.47  | -     | 1.00  | 0.63  | 0.50  | -     | 1.00  | 0.68  | 0.55  | -     |
|                                          | Evap dT  | 19                                                                                                                                                      | 17    | 14    | -     | 18    | 17    | 13    | -     | 19    | 17    | 14    | -     | 18    | 17           | 13    | -     | 18    | 16    | 13    | -     | 19    | 18    | 14    | -     |
|                                          | Pr Suc   | 123                                                                                                                                                     | 125   | 128   | -     | 131   | 132   | 135   | -     | 137   | 139   | 142   | -     | 143   | 144          | 147   | -     | 148   | 150   | 153   | -     | 155   | 156   | 160   | -     |
|                                          | Pr Dis   | 123                                                                                                                                                     | 246   | 247   | -     | 283   | 284   | 286   | -     | 323   | 324   | 326   | -     | 367   | 368          | 369   | -     | 413   | 415   | 416   | -     | 463   | 464   | 466   | -     |
|                                          | Amps     | 7.2                                                                                                                                                     | 7.2   | 7.2   | -     | 8.2   | 8.2   | 8.2   | -     | 9.4   | 9.4   | 9.4   | -     | 10.7  | 10.7         | 10.6  | -     | 12.1  | 12.1  | 12.1  | -     | 13.7  | 13.7  | 13.7  | -     |
|                                          | kW       | 2.08                                                                                                                                                    | 2.08  | 2.07  | -     | 2.32  | 2.32  | 2.31  | -     | 2.59  | 2.59  | 2.58  | -     | 2.88  | 2.88         | 2.87  | -     | 3.21  | 3.20  | 3.20  | -     | 3.59  | 3.59  | 3.58  | -     |
|                                          | Capacity | 41502                                                                                                                                                   | 42081 | 43304 | -     | 41135 | 41714 | 42938 | -     | 40066 | 40644 | 41868 | -     | 38225 | 38804        | 40028 | -     | 35976 | 36555 | 37779 | -     | 33923 | 34501 | 35725 | -     |
|                                          | S/T      | 0.68                                                                                                                                                    | 0.60  | 0.46  | -     | 0.68  | 0.60  | 0.47  | -     | 0.71  | 0.63  | 0.49  | -     | 1.00  | 0.65         | 0.51  | -     | 1.00  | 0.67  | 0.53  | -     | 1.00  | 0.72  | 0.59  | -     |
|                                          | Evap dT  | 18                                                                                                                                                      | 16    | 13    | -     | 18    | 16    | 13    | -     | 18    | 16    | 13    | -     | 18    | 16           | 13    | -     | 17    | 16    | 12    | -     | 19    | 17    | 14    | -     |
| 1343                                     | Pr Suc   | 124                                                                                                                                                     | 126   | 129   | -     | 132   | 133   | 137   | -     | 138   | 140   | 143   | -     | 144   | 146          | 149   | -     | 149   | 151   | 154   | -     | 156   | 158   | 161   | -     |
|                                          | Pr Dis   | 246                                                                                                                                                     | 247   | 249   | -     | 284   | 285   | 287   | -     | 325   | 326   | 327   | -     | 368   | 369          | 371   | -     | 415   | 416   | 418   | -     | 465   | 466   | 468   | -     |
|                                          | Amps     | 7.2                                                                                                                                                     | 7.2   | 7.2   | -     | 8.3   | 8.3   | 8.2   | -     | 9.4   | 9.4   | 9.4   | -     | 10.7  | 10.7         | 10.7  | -     | 12.1  | 12.1  | 12.1  | -     | 13.8  | 13.8  | 13.8  | -     |
|                                          | kW       | 2.09                                                                                                                                                    | 2.09  | 2.08  | -     | 2.33  | 2.33  | 2.32  | -     | 2.60  | 2.60  | 2.59  | -     | 2.89  | 2.89         | 2.88  | -     | 3.21  | 3.21  | 3.21  | -     | 3.60  | 3.59  | 3.59  | -     |
|                                          | Capacity | 42431                                                                                                                                                   | 43009 | 44233 | -     | 42064 | 42643 | 43866 | -     | 40994 | 41573 | 42797 | -     | 39154 | 39732        | 40956 | -     | 36905 | 37483 | 38707 | -     | 34851 | 35430 | 36654 | -     |
|                                          | S/T      | 0.72                                                                                                                                                    | 0.64  | 0.50  | -     | 0.72  | 0.65  | 0.51  | -     | 0.75  | 0.67  | 0.53  | -     | 1.00  | 0.69         | 0.55  | -     | 1.00  | 0.71  | 0.58  | -     | 1.00  | 0.77  | 0.63  | -     |
|                                          | Evap dT  | 17                                                                                                                                                      | 15    | 12    | -     | 17    | 15    | 12    | -     | 17    | 15    | 12    | -     | 17    | 15           | 12    | -     | 16    | 15    | 11    | -     | 17    | 16    | 12    | -     |
|                                          | Pr Suc   | 127                                                                                                                                                     | 129   | 132   | -     | 135   | 136   | 139   | -     | 141   | 143   | 146   | -     | 147   | 148          | 151   | -     | 152   | 154   | 157   | -     | 159   | 161   | 164   | -     |
|                                          | Pr Dis   | 249                                                                                                                                                     | 250   | 251   | -     | 287   | 288   | 290   | -     | 327   | 329   | 330   | -     | 371   | 372          | 374   | -     | 418   | 419   | 420   | -     | 468   | 469   | 470   | -     |
|                                          | Amps     | 7.3                                                                                                                                                     | 7.3   | 7.3   | -     | 8.3   | 8.3   | 8.3   | -     | 9.5   | 9.5   | 9.5   | -     | 10.8  | 10.8         | 10.7  | -     | 12.2  | 12.2  | 12.2  | -     | 13.8  | 13.8  | 13.8  | -     |
| kW                                       | 2.10     | 2.10                                                                                                                                                    | 2.10  | -     | 2.34  | 2.34  | 2.34  | -     | 2.61  | 2.61  | 2.61  | -     | 2.90  | 2.90  | 2.90         | -     | 3.23  | 3.23  | 3.22  | -     | 3.61  | 3.61  | 3.60  | -     |       |
| 75                                       | Capacity | 41139                                                                                                                                                   | 41718 | 42941 | 44811 | 40772 | 41351 | 42575 | 44444 | 39703 | 40281 | 41505 | 43374 | 37862 | 38441        | 39665 | 41534 | 35613 | 36192 | 37415 | 39285 | 33560 | 34138 | 35362 | 37231 |
|                                          | S/T      | 0.77                                                                                                                                                    | 0.69  | 0.55  | 0.41  | 0.77  | 0.70  | 0.56  | 0.41  | 1.00  | 0.72  | 0.58  | 0.44  | 1.00  | 0.74         | 0.60  | 0.46  | 1.00  | 0.76  | 0.63  | 0.48  | 1.00  | 1.00  | 0.68  | 0.53  |
|                                          | Evap dT  | 22                                                                                                                                                      | 21    | 17    | 14    | 22    | 21    | 17    | 14    | 23    | 21    | 18    | 14    | 22    | 21           | 17    | 14    | 22    | 20    | 17    | 14    | 23    | 21    | 18    | 15    |
|                                          | Pr Suc   | 123                                                                                                                                                     | 125   | 128   | 133   | 131   | 132   | 135   | 141   | 137   | 139   | 142   | 147   | 143   | 144          | 147   | 153   | 148   | 150   | 153   | 158   | 155   | 156   | 160   | 165   |
|                                          | Pr Dis   | 245                                                                                                                                                     | 246   | 247   | 252   | 283   | 284   | 286   | 290   | 323   | 325   | 326   | 330   | 367   | 368          | 370   | 374   | 414   | 415   | 416   | 421   | 464   | 465   | 466   | 471   |
|                                          | Amps     | 7.2                                                                                                                                                     | 7.2   | 7.2   | 7.2   | 8.2   | 8.2   | 8.2   | 8.3   | 9.4   | 9.4   | 9.4   | 9.5   | 10.7  | 10.7         | 10.6  | 10.7  | 12.1  | 12.1  | 12.1  | 12.1  | 13.7  | 13.7  | 13.7  | 13.8  |
|                                          | kW       | 2.08                                                                                                                                                    | 2.08  | 2.07  | 2.09  | 2.32  | 2.32  | 2.31  | 2.33  | 2.59  | 2.59  | 2.58  | 2.60  | 2.88  | 2.88         | 2.87  | 2.89  | 3.20  | 3.20  | 3.20  | 3.22  | 3.59  | 3.58  | 3.58  | 3.60  |
|                                          | Capacity | 41526                                                                                                                                                   | 42105 | 43328 | 45197 | 41159 | 41738 | 42962 | 44831 | 40090 | 40668 | 41892 | 43761 | 38249 | <b>38828</b> | 40052 | 41921 | 36000 | 36579 | 37802 | 39672 | 33947 | 34525 | 35749 | 37618 |
|                                          | S/T      | 0.81                                                                                                                                                    | 0.73  | 0.59  | 0.45  | 0.81  | 0.74  | 0.60  | 0.45  | 1.00  | 0.76  | 0.62  | 0.48  | 1.00  | <b>0.78</b>  | 0.64  | 0.50  | 1.00  | 0.80  | 0.67  | 0.52  | 1.00  | 1.00  | 0.72  | 0.57  |
|                                          | Evap dT  | 22                                                                                                                                                      | 20    | 17    | 13    | 22    | 20    | 17    | 13    | 22    | 20    | 17    | 13    | 22    | <b>20</b>    | 17    | 13    | 21    | 20    | 16    | 13    | 22    | 21    | 17    | 14    |
| 1343                                     | Pr Suc   | 125                                                                                                                                                     | 126   | 129   | 134   | 132   | 133   | 137   | 142   | 139   | 140   | 143   | 148   | 144   | <b>146</b>   | 149   | 154   | 149   | 151   | 154   | 159   | 156   | 158   | 161   | 166   |
|                                          | Pr Dis   | 246                                                                                                                                                     | 247   | 249   | 253   | 285   | 286   | 287   | 292   | 325   | 326   | 328   | 332   | 368   | <b>369</b>   | 371   | 375   | 415   | 416   | 418   | 422   | 465   | 466   | 468   | 472   |
|                                          | Amps     | 7.2                                                                                                                                                     | 7.2   | 7.2   | 7.3   | 8.3   | 8.3   | 8.2   | 8.3   | 9.4   | 9.4   | 9.4   | 9.5   | 10.7  | <b>10.7</b>  | 10.7  | 10.8  | 12.1  | 12.1  | 12.1  | 12.2  | 13.8  | 13.8  | 13.7  | 13.8  |
|                                          | kW       | 2.09                                                                                                                                                    | 2.09  | 2.08  | 2.10  | 2.33  | 2.33  | 2.32  | 2.34  | 2.60  | 2.59  | 2.59  | 2.61  | 2.89  | <b>2.89</b>  | 2.88  | 2.90  | 3.21  | 3.21  | 3.21  | 3.23  | 3.59  | 3.59  | 3.59  | 3.61  |
|                                          | Capacity | 42454                                                                                                                                                   | 43033 | 44257 | 46126 | 42088 | 42666 | 43890 | 45759 | 41018 | 41597 | 42820 | 44690 | 39178 | 39756        | 40980 | 42849 | 36929 | 37507 | 38731 | 40600 | 34875 | 35454 | 36678 | 38547 |
|                                          | S/T      | 0.85                                                                                                                                                    | 0.77  | 0.63  | 0.49  | 1.00  | 0.78  | 0.64  | 0.49  | 1.00  | 0.80  | 0.66  | 0.52  | 1.00  | 0.82         | 0.68  | 0.54  | 1.00  | 0.84  | 0.71  | 0.56  | 1.00  | 1.00  | 0.76  | 0.61  |
|                                          | Evap dT  | 20                                                                                                                                                      | 19    | 15    | 12    | 20    | 19    | 15    | 12    | 21    | 19    | 16    | 12    | 20    | 19           | 15    | 12    | 20    | 18    | 15    | 12    | 21    | 19    | 16    | 13    |
|                                          | Pr Suc   | 127                                                                                                                                                     | 129   | 132   | 137   | 135   | 136   | 139   | 145   | 141   | 143   | 146   | 151   | 147   | 148          | 152   | 157   | 152   | 154   | 157   | 162   | 159   | 161   | 164   | 169   |
|                                          | Pr Dis   | 249                                                                                                                                                     | 250   | 252   | 256   | 287   | 288   | 290   | 294   | 328   | 329   | 330   | 335   | 371   | 372          | 374   | 378   | 418   | 419   | 421   | 425   | 468   | 469   | 471   | 475   |
|                                          | Amps     | 7.3                                                                                                                                                     | 7.3   | 7.3   | 7.3   | 8.3   | 8.3   | 8.3   | 8.4   | 9.5   | 9.5   | 9.5   | 9.5   | 10.8  | 10.8         | 10.7  | 10.8  | 12.2  | 12.2  | 12.1  | 12.2  | 13.8  | 13.8  | 13.8  | 13.9  |
| kW                                       | 2.10     | 2.10                                                                                                                                                    | 2.10  | 2.11  | 2.34  | 2.34  | 2.34  | 2.35  | 2.61  | 2.61  | 2.60  | 2.62  | 2.90  | 2.90  | 2.90         | 2.91  | 3.23  | 3.23  | 3.22  | 3.24  | 3.61  | 3.61  | 3.60  | 3.62  |       |
| DB: Entering Indoor Dry Bulb Temperature |          | Shaded area reflects ACCA (TVA) conditions                                                                                                              |       |       |       |       |       |       |       |       |       |       |       |       |              |       |       |       |       |       |       |       |       |       |       |
|                                          |          | kW = Total system power<br>High and low pressures are measured at the liquid and suction service valves.<br>Amps = outdoor unit amps (compressor + fan) |       |       |       |       |       |       |       |       |       |       |       |       |              |       |       |       |       |       |       |       |       |       |       |

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

Shaded area reflects ACCA (TVA) conditions

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

|     |          | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |              |       |       |       |       |       |       |       |       |       |
|-----|----------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|     |          | 65°F                        |       |       |       | 75°F  |       |       |       | 85°F  |       |       |       | 95°F  |       |              |       | 105°F |       |       |       | 115°F |       |       |       |
| IDB | AIRFLOW  | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67           | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |
| 80  | Capacity | 41351                       | 41930 | 43154 | 45023 | 40985 | 41563 | 42787 | 44656 | 39915 | 40493 | 41717 | 43586 | 38075 | 38653 | 39877        | 41746 | 35825 | 36404 | 37628 | 39497 | 33772 | 34351 | 35574 | 37444 |
|     | S/T      | 1.00                        | 0.82  | 0.68  | 0.53  | 1.00  | 0.82  | 0.69  | 0.54  | 1.00  | 0.85  | 0.71  | 0.57  | 1.00  | 0.87  | 0.73         | 0.59  | 1.00  | 1.00  | 0.75  | 0.61  | 1.00  | 1.00  | 0.81  | 0.66  |
|     | Evap dT  | 26                          | 24    | 21    | 18    | 26    | 24    | 21    | 18    | 26    | 25    | 21    | 18    | 26    | 24    | 21           | 18    | 26    | 24    | 21    | 18    | 27    | 25    | 22    | 19    |
|     | Pr Suc   | 124                         | 125   | 128   | 134   | 131   | 133   | 136   | 141   | 138   | 139   | 142   | 148   | 143   | 145   | 148          | 153   | 149   | 150   | 153   | 159   | 156   | 157   | 160   | 165   |
|     | Pr Dis   | 245                         | 246   | 248   | 252   | 284   | 285   | 286   | 291   | 324   | 325   | 327   | 331   | 367   | 368   | 370          | 374   | 414   | 415   | 417   | 421   | 464   | 465   | 467   | 471   |
|     | Amps     | 7.2                         | 7.2   | 7.2   | 7.2   | 8.2   | 8.2   | 8.2   | 8.3   | 9.4   | 9.4   | 9.4   | 9.5   | 10.7  | 10.7  | 10.6         | 10.7  | 12.1  | 12.1  | 12.1  | 12.1  | 13.7  | 13.7  | 13.7  | 13.8  |
|     | kW       | 2.08                        | 2.08  | 2.07  | 2.09  | 2.32  | 2.32  | 2.31  | 2.33  | 2.59  | 2.59  | 2.58  | 2.60  | 2.88  | 2.88  | 2.87         | 2.89  | 3.21  | 3.20  | 3.20  | 3.22  | 3.59  | 3.59  | 3.58  | 3.60  |
|     | Capacity | 41738                       | 42317 | 43540 | 45410 | 41372 | 41950 | 43174 | 45043 | 40302 | 40880 | 42104 | 43973 | 38461 | 39040 | <b>40264</b> | 42133 | 36212 | 36791 | 38015 | 39884 | 34159 | 34738 | 35961 | 37831 |
|     | S/T      | 1.00                        | 0.86  | 0.72  | 0.57  | 1.00  | 0.86  | 0.73  | 0.58  | 1.00  | 0.89  | 0.75  | 0.61  | 1.00  | 1.00  | <b>0.77</b>  | 0.63  | 1.00  | 1.00  | 0.79  | 0.65  | 1.00  | 1.00  | 0.85  | 0.70  |
|     | Evap dT  | 25                          | 24    | 20    | 17    | 25    | 24    | 20    | 17    | 26    | 24    | 21    | 17    | 25    | 24    | <b>20</b>    | 17    | 25    | 23    | 20    | 17    | 26    | 25    | 21    | 18    |

1343

1575

|      |          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1225 | Capacity | 42041 | 42620 | 43844 | 45713 | 41675 | 42253 | 43477 | 45346 | 40605 | 41184 | 42407 | 44277 | 38765 | 39343 | 40567 | 42436 | 36516 | 37094 | 38318 | 40187 | 34462 | 35041 | 36265 | 38134 |
|      | S/T      | 1.00  | 0.92  | 0.78  | 0.64  | 1.00  | 0.93  | 0.79  | 0.64  | 1.00  | 1.00  | 0.81  | 0.67  | 1.00  | 1.00  | 0.83  | 0.69  | 1.00  | 1.00  | 0.86  | 0.71  | 1.00  | 1.00  | 1.00  | 0.76  |
|      | Evap dT  | 30    | 28    | 25    | 21    | 30    | 28    | 25    | 21    | 30    | 28    | 25    | 21    | 30    | 28    | 25    | 21    | 29    | 28    | 24    | 21    | 30    | 29    | 25    | 22    |
|      | Pr Suc   | 126   | 127   | 130   | 135   | 133   | 135   | 138   | 143   | 140   | 141   | 144   | 149   | 145   | 147   | 150   | 155   | 151   | 152   | 155   | 160   | 157   | 159   | 162   | 167   |
|      | Pr Dis   | 246   | 247   | 249   | 253   | 285   | 286   | 288   | 292   | 325   | 326   | 328   | 332   | 368   | 370   | 371   | 375   | 415   | 416   | 418   | 422   | 465   | 466   | 468   | 472   |
|      | Amps     | 7.2   | 7.2   | 7.2   | 7.3   | 8.3   | 8.2   | 8.2   | 8.3   | 9.4   | 9.4   | 9.4   | 9.5   | 10.7  | 10.7  | 10.7  | 10.7  | 12.1  | 12.1  | 12.1  | 12.2  | 13.8  | 13.8  | 13.7  | 13.8  |
|      | kW       | 2.08  | 2.08  | 2.08  | 2.10  | 2.33  | 2.32  | 2.32  | 2.34  | 2.59  | 2.59  | 2.59  | 2.61  | 2.89  | 2.88  | 2.88  | 2.90  | 3.21  | 3.21  | 3.20  | 3.22  | 3.59  | 3.59  | 3.59  | 3.60  |
| 1343 | Capacity | 42428 | 43007 | 44231 | 46100 | 42062 | 42640 | 43864 | 45733 | 40992 | 41571 | 42794 | 44664 | 39152 | 39730 | 40954 | 42823 | 36903 | 37481 | 38705 | 40574 | 34849 | 35428 | 36652 | 38521 |
|      | S/T      | 1.00  | 0.96  | 0.82  | 0.68  | 1.00  | 1.00  | 0.83  | 0.68  | 1.00  | 1.00  | 0.85  | 0.71  | 1.00  | 1.00  | 0.87  | 0.73  | 1.00  | 1.00  | 0.90  | 0.75  | 1.00  | 1.00  | 1.00  | 0.80  |
|      | Evap dT  | 29    | 27    | 24    | 21    | 29    | 27    | 24    | 20    | 29    | 27    | 24    | 21    | 29    | 27    | 24    | 20    | 29    | 27    | 24    | 20    | 30    | 28    | 25    | 21    |
|      | Pr Suc   | 127   | 128   | 132   | 137   | 134   | 136   | 139   | 144   | 141   | 142   | 146   | 151   | 146   | 148   | 151   | 156   | 152   | 153   | 156   | 162   | 159   | 160   | 163   | 168   |
|      | Pr Dis   | 248   | 249   | 250   | 255   | 286   | 287   | 289   | 293   | 326   | 328   | 329   | 334   | 370   | 371   | 373   | 377   | 417   | 418   | 419   | 424   | 467   | 468   | 469   | 474   |
|      | Amps     | 7.2   | 7.2   | 7.2   | 7.3   | 8.3   | 8.3   | 8.3   | 8.3   | 9.5   | 9.5   | 9.4   | 9.5   | 10.7  | 10.7  | 10.7  | 10.8  | 12.1  | 12.1  | 12.1  | 12.2  | 13.8  | 13.8  | 13.8  | 13.9  |
|      | kW       | 2.09  | 2.09  | 2.09  | 2.11  | 2.33  | 2.33  | 2.33  | 2.35  | 2.60  | 2.60  | 2.60  | 2.62  | 2.89  | 2.89  | 2.89  | 2.91  | 3.22  | 3.22  | 3.21  | 3.23  | 3.60  | 3.60  | 3.59  | 3.61  |
| 1575 | Capacity | 43357 | 43936 | 45159 | 47028 | 42990 | 43569 | 44793 | 46662 | 41921 | 42499 | 43723 | 45592 | 40080 | 40659 | 41882 | 43752 | 37831 | 38410 | 39633 | 41503 | 35778 | 36356 | 37580 | 39449 |
|      | S/T      | 1.00  | 1.00  | 0.86  | 0.72  | 1.00  | 1.00  | 0.87  | 0.72  | 1.00  | 1.00  | 0.89  | 0.75  | 1.00  | 1.00  | 0.91  | 0.77  | 1.00  | 1.00  | 1.00  | 0.79  | 1.00  | 1.00  | 1.00  | 0.84  |
|      | Evap dT  | 28    | 26    | 23    | 19    | 28    | 26    | 23    | 19    | 28    | 26    | 23    | 20    | 28    | 26    | 23    | 19    | 27    | 26    | 22    | 19    | 28    | 27    | 23    | 20    |
|      | Pr Suc   | 130   | 131   | 134   | 140   | 137   | 139   | 142   | 147   | 144   | 145   | 148   | 154   | 149   | 151   | 154   | 159   | 155   | 156   | 159   | 165   | 161   | 163   | 166   | 171   |
|      | Pr Dis   | 251   | 252   | 253   | 258   | 289   | 290   | 292   | 296   | 329   | 330   | 332   | 336   | 373   | 374   | 375   | 380   | 419   | 421   | 422   | 427   | 469   | 470   | 472   | 476   |
|      | Amps     | 7.3   | 7.3   | 7.3   | 7.4   | 8.4   | 8.3   | 8.3   | 8.4   | 9.5   | 9.5   | 9.5   | 9.6   | 10.8  | 10.8  | 10.8  | 10.8  | 12.2  | 12.2  | 12.2  | 12.3  | 13.9  | 13.9  | 13.8  | 13.9  |
|      | kW       | 2.11  | 2.11  | 2.10  | 2.12  | 2.35  | 2.35  | 2.35  | 2.36  | 2.62  | 2.61  | 2.61  | 2.63  | 2.91  | 2.91  | 2.90  | 2.92  | 3.23  | 3.23  | 3.23  | 3.25  | 3.61  | 3.61  | 3.61  | 3.63  |

1225

1343

1575

IDB: Entering Indoor Dry Bulb Temperature

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

Shaded area reflects AHRI (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (compressor + fan)

## GLZT7CA2410A\*+DMVT30BP1300A\*

100 % CAPACITY

|       | OUTDOOR AMBIENT TEMPERATURE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|       | 65                          | 60    | 55    | 50    | 47    | 45    | 40    | 35    | 30    | 25    | 20    | 17    | 15    | 10    | 5     | 0     | -5    |
| MBh   | 25.46                       | 25.08 | 24.70 | 24.32 | 24.00 | 23.71 | 23.34 | 22.26 | 23.24 | 23.09 | 23.17 | 23.20 | 23.15 | 22.60 | 21.23 | 19.57 | 19.86 |
| T/R   | 29.25                       | 29.09 | 28.93 | 28.77 | 28.68 | 28.61 | 28.45 | 28.25 | 27.77 | 27.58 | 27.68 | 27.72 | 27.65 | 27.01 | 25.37 | 23.38 | 23.72 |
| KW    | 1.23                        | 1.37  | 1.50  | 1.63  | 1.71  | 1.76  | 1.90  | 2.03  | 2.16  | 2.30  | 2.43  | 2.51  | 2.56  | 2.70  | 2.83  | 2.96  | 3.09  |
| AMPS  | 4.1                         | 4.7   | 5.3   | 5.9   | 6.2   | 6.4   | 7.0   | 7.6   | 8.2   | 8.8   | 9.3   | 9.7   | 9.9   | 10.5  | 11.1  | 11.6  | 12.2  |
| COP   | 6.05                        | 5.38  | 4.83  | 4.37  | 4.11  | 3.94  | 3.60  | 3.21  | 3.15  | 2.95  | 2.79  | 2.71  | 2.65  | 2.46  | 2.20  | 1.94  | 1.88  |
| Hi PR | 404                         | 391   | 378   | 365   | 357   | 352   | 339   | 325   | 312   | 299   | 286   | 278   | 273   | 260   | 247   | 233   | 220   |
| LO PR | 149                         | 140   | 131   | 122   | 116   | 112   | 103   | 94    | 84    | 75    | 66    | 60    | 56    | 47    | 38    | 29    | 19    |

## GLZT7CA3610A\*+DMVT42CP1300A\*

100 % CAPACITY

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 36.7                        | 36.2 | 35.7 | 35.2 | 34.8 | 34.4 | 33.9 | 32.4 | 33.9 | 33.8 | 33.9 | 34.0 | 33.9 | 33.2 | 31.2 | 28.8 | 29.2 |
| T/R   | 27.5                        | 27.3 | 27.2 | 27.1 | 27.1 | 27.0 | 26.9 | 26.8 | 26.4 | 26.3 | 26.4 | 26.5 | 26.4 | 25.8 | 24.3 | 22.4 | 22.7 |
| KW    | 1.8                         | 2.0  | 2.2  | 2.4  | 2.6  | 2.6  | 2.8  | 3.0  | 3.2  | 3.4  | 3.7  | 3.8  | 3.9  | 4.1  | 4.3  | 4.5  | 4.7  |
| AMPS  | 6.0                         | 6.9  | 7.8  | 8.7  | 9.2  | 9.6  | 10.5 | 11.3 | 12.2 | 13.1 | 14.0 | 14.5 | 14.9 | 15.8 | 16.6 | 17.5 | 18.4 |
| COP   | 5.89                        | 5.23 | 4.69 | 4.24 | 3.99 | 3.82 | 3.50 | 3.12 | 3.06 | 2.87 | 2.72 | 2.64 | 2.58 | 2.39 | 2.14 | 1.89 | 1.83 |
| Hi PR | 408                         | 394  | 381  | 368  | 360  | 355  | 341  | 328  | 315  | 302  | 288  | 280  | 275  | 262  | 249  | 235  | 222  |
| LO PR | 144                         | 135  | 126  | 117  | 112  | 108  | 99   | 90   | 81   | 72   | 64   | 58   | 55   | 46   | 37   | 28   | 19   |

## GLZT7CA4810A\*+DMVT60DP1300A\*

100 % CAPACITY

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 47.1                        | 47.0 | 46.9 | 46.8 | 46.5 | 46.2 | 46.0 | 44.5 | 47.5 | 47.7 | 48.2 | 48.5 | 48.5 | 47.7 | 45.0 | 41.7 | 42.5 |
| T/R   | 26.9                        | 27.1 | 27.3 | 27.5 | 27.6 | 27.7 | 27.9 | 28.1 | 28.2 | 28.3 | 28.6 | 28.8 | 28.8 | 28.3 | 26.7 | 24.8 | 25.2 |
| KW    | 2.3                         | 2.6  | 2.9  | 3.2  | 3.4  | 3.5  | 3.8  | 4.1  | 4.4  | 4.7  | 5.0  | 5.2  | 5.3  | 5.6  | 5.9  | 6.2  | 6.5  |
| AMPS  | 7.7                         | 9.0  | 10.3 | 11.6 | 12.3 | 12.9 | 14.1 | 15.4 | 16.7 | 18.0 | 19.2 | 20.0 | 20.5 | 21.8 | 23.1 | 24.3 | 25.6 |
| COP   | 5.88                        | 5.21 | 4.68 | 4.24 | 4.00 | 3.84 | 3.53 | 3.17 | 3.16 | 2.97 | 2.83 | 2.75 | 2.69 | 2.50 | 2.25 | 1.98 | 1.93 |
| Hi PR | 443                         | 428  | 414  | 400  | 391  | 385  | 371  | 356  | 342  | 328  | 313  | 305  | 299  | 284  | 270  | 256  | 241  |
| LO PR | 143                         | 134  | 125  | 116  | 111  | 107  | 99   | 90   | 81   | 72   | 63   | 58   | 54   | 45   | 36   | 27   | 18   |

## GLZT7CA6010A\*+DMVT60DP1300A\*

100 % CAPACITY

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 57.6                        | 57.2 | 56.8 | 56.5 | 56.0 | 55.5 | 55.1 | 53.0 | 56.2 | 56.2 | 56.7 | 57.0 | 57.0 | 55.9 | 52.7 | 48.7 | 49.6 |
| T/R   | 26.7                        | 26.8 | 26.9 | 27.0 | 27.0 | 27.1 | 27.1 | 27.2 | 27.1 | 27.2 | 27.4 | 27.5 | 27.5 | 27.0 | 25.4 | 23.5 | 23.9 |
| KW    | 3.0                         | 3.4  | 3.7  | 4.0  | 4.2  | 4.3  | 4.6  | 4.9  | 5.2  | 5.5  | 5.8  | 6.0  | 6.2  | 6.5  | 6.8  | 7.1  | 7.4  |
| AMPS  | 10.2                        | 11.6 | 12.9 | 14.3 | 15.1 | 15.6 | 17.0 | 18.3 | 19.7 | 21.0 | 22.4 | 23.2 | 23.7 | 25.1 | 26.4 | 27.8 | 29.1 |
| COP   | 5.54                        | 5.00 | 4.54 | 4.16 | 3.94 | 3.79 | 3.51 | 3.16 | 3.16 | 2.98 | 2.85 | 2.77 | 2.71 | 2.53 | 2.28 | 2.01 | 1.96 |
| Hi PR | 404                         | 391  | 378  | 365  | 357  | 352  | 339  | 325  | 312  | 299  | 286  | 278  | 273  | 260  | 247  | 233  | 220  |
| LO PR | 137                         | 128  | 120  | 111  | 106  | 103  | 94   | 86   | 77   | 69   | 60   | 55   | 52   | 43   | 35   | 26   | 18   |

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

Amps = Outdoor unit amps (comp.+fan)

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

kW = Total system power

## GLZT7CA2410A\*+DMVT30BP1300A\*

70 % CAPACITY

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 19.6                        | 18.9 | 18.3 | 17.7 | 17.3 | 17.0 | 16.4 | 15.3 | 15.4 | 15.1 | 14.9 | 14.8 | 14.6 | 14.2 | 13.2 | 12.1 | 12.2 |
| T/R   | 32.1                        | 31.4 | 30.7 | 30.0 | 29.5 | 29.2 | 28.4 | 27.3 | 26.3 | 25.7 | 25.4 | 25.3 | 25.0 | 24.2 | 22.5 | 20.6 | 20.7 |
| KW    | 0.8                         | 0.9  | 0.9  | 1.0  | 1.0  | 1.0  | 1.1  | 1.1  | 1.2  | 1.2  | 1.3  | 1.3  | 1.3  | 1.3  | 1.4  | 1.4  | 1.5  |
| AMPS  | 2.7                         | 2.9  | 3.1  | 3.3  | 3.4  | 3.5  | 3.7  | 3.9  | 4.2  | 4.4  | 4.6  | 4.7  | 4.8  | 5.0  | 5.2  | 5.4  | 5.6  |
| COP   | 7.05                        | 6.44 | 5.90 | 5.42 | 5.13 | 4.93 | 4.55 | 4.06 | 3.91 | 3.67 | 3.49 | 3.39 | 3.30 | 3.08 | 2.77 | 2.45 | 2.38 |
| Hi PR | 392                         | 379  | 366  | 354  | 346  | 341  | 328  | 315  | 303  | 290  | 277  | 270  | 264  | 252  | 239  | 226  | 213  |
| LO PR | 147                         | 138  | 129  | 119  | 114  | 110  | 101  | 92   | 83   | 74   | 65   | 59   | 55   | 46   | 37   | 28   | 19   |

## GLZT7CA3610A\*+DMVT42CP1300A\*

70 % CAPACITY

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 28.2                        | 27.4 | 26.5 | 25.7 | 25.1 | 24.6 | 23.8 | 22.3 | 22.5 | 22.0 | 21.8 | 21.7 | 21.5 | 20.9 | 19.4 | 17.8 | 17.9 |
| T/R   | 21.1                        | 20.7 | 20.2 | 19.8 | 19.5 | 19.4 | 18.9 | 18.1 | 17.5 | 17.1 | 17.0 | 16.9 | 16.7 | 16.2 | 15.1 | 13.8 | 13.9 |
| KW    | 1.2                         | 1.3  | 1.4  | 1.4  | 1.5  | 1.5  | 1.6  | 1.7  | 1.7  | 1.8  | 1.9  | 1.9  | 2.0  | 2.0  | 2.1  | 2.2  | 2.3  |
| AMPS  | 3.4                         | 3.7  | 4.0  | 4.3  | 4.5  | 4.7  | 5.0  | 5.3  | 5.6  | 6.0  | 6.3  | 6.5  | 6.6  | 7.0  | 7.3  | 7.6  | 7.9  |
| COP   | 6.86                        | 6.26 | 5.73 | 5.26 | 4.98 | 4.79 | 4.41 | 3.95 | 3.81 | 3.57 | 3.40 | 3.30 | 3.22 | 3.01 | 2.70 | 2.38 | 2.32 |
| Hi PR | 395                         | 382  | 369  | 357  | 349  | 344  | 331  | 318  | 305  | 292  | 279  | 272  | 267  | 254  | 241  | 228  | 215  |
| LO PR | 142                         | 133  | 124  | 115  | 110  | 107  | 98   | 89   | 80   | 71   | 62   | 57   | 54   | 45   | 36   | 27   | 18   |

## GLZT7CA4810A\*+DMVT60DP1300A\*

70 % CAPACITY

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 36.5                        | 35.7 | 34.9 | 34.1 | 33.5 | 33.0 | 32.3 | 30.6 | 31.5 | 31.1 | 31.0 | 31.0 | 30.8 | 30.0 | 28.1 | 25.8 | 26.1 |
| T/R   | 20.8                        | 20.6 | 20.3 | 20.1 | 19.9 | 19.8 | 19.6 | 19.2 | 18.7 | 18.4 | 18.4 | 18.4 | 18.3 | 17.8 | 16.7 | 15.3 | 15.5 |
| KW    | 1.6                         | 1.7  | 1.8  | 1.9  | 2.0  | 2.0  | 2.1  | 2.2  | 2.3  | 2.5  | 2.6  | 2.6  | 2.7  | 2.8  | 2.9  | 3.0  | 3.1  |
| AMPS  | 4.3                         | 4.8  | 5.3  | 5.8  | 6.1  | 6.3  | 6.8  | 7.3  | 7.7  | 8.2  | 8.7  | 9.0  | 9.2  | 9.7  | 10.2 | 10.7 | 11.1 |
| COP   | 6.83                        | 6.24 | 5.72 | 5.26 | 4.99 | 4.81 | 4.45 | 4.00 | 3.93 | 3.70 | 3.53 | 3.44 | 3.36 | 3.14 | 2.83 | 2.50 | 2.44 |
| Hi PR | 429                         | 415  | 401  | 387  | 379  | 373  | 359  | 345  | 331  | 318  | 304  | 295  | 290  | 276  | 262  | 248  | 234  |
| LO PR | 141                         | 132  | 123  | 114  | 109  | 106  | 97   | 88   | 79   | 71   | 62   | 57   | 53   | 44   | 36   | 27   | 18   |

## GLZT7CA6010A\*+DMVT60DP1300A\*

70 % CAPACITY

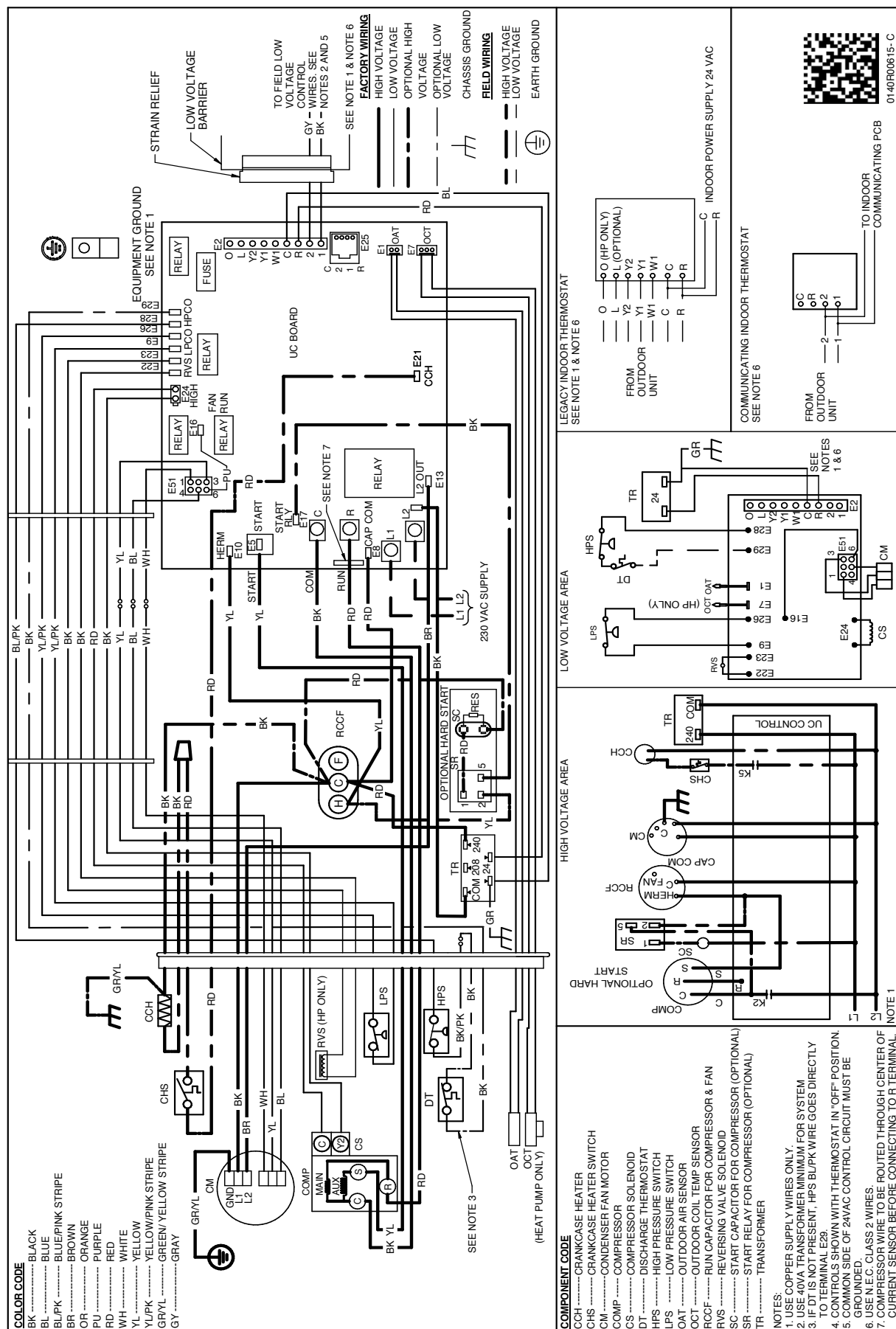
|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 44.5                        | 43.4 | 42.3 | 41.2 | 40.4 | 39.7 | 38.7 | 36.5 | 37.3 | 36.7 | 36.5 | 36.4 | 36.1 | 35.1 | 32.8 | 30.1 | 30.4 |
| T/R   | 20.7                        | 20.3 | 20.0 | 19.7 | 19.5 | 19.4 | 19.1 | 18.5 | 18.0 | 17.7 | 17.6 | 17.6 | 17.4 | 17.0 | 15.9 | 14.5 | 14.7 |
| KW    | 2.0                         | 2.1  | 2.2  | 2.3  | 2.4  | 2.5  | 2.6  | 2.7  | 2.8  | 2.9  | 3.0  | 3.1  | 3.1  | 3.2  | 3.3  | 3.5  | 3.6  |
| AMPS  | 5.7                         | 6.2  | 6.6  | 7.1  | 7.4  | 7.6  | 8.1  | 8.6  | 9.1  | 9.6  | 10.1 | 10.3 | 10.5 | 11.0 | 11.5 | 12.0 | 12.5 |
| COP   | 6.52                        | 6.02 | 5.57 | 5.16 | 4.92 | 4.75 | 4.42 | 3.99 | 3.92 | 3.70 | 3.55 | 3.46 | 3.39 | 3.18 | 2.87 | 2.55 | 2.50 |
| Hi PR | 392                         | 379  | 366  | 354  | 346  | 341  | 328  | 315  | 303  | 290  | 277  | 270  | 264  | 252  | 239  | 226  | 213  |
| LO PR | 134                         | 126  | 117  | 109  | 104  | 101  | 92   | 84   | 76   | 67   | 59   | 54   | 51   | 42   | 34   | 26   | 17   |

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

Amps = Outdoor unit amps (comp.+fan)

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

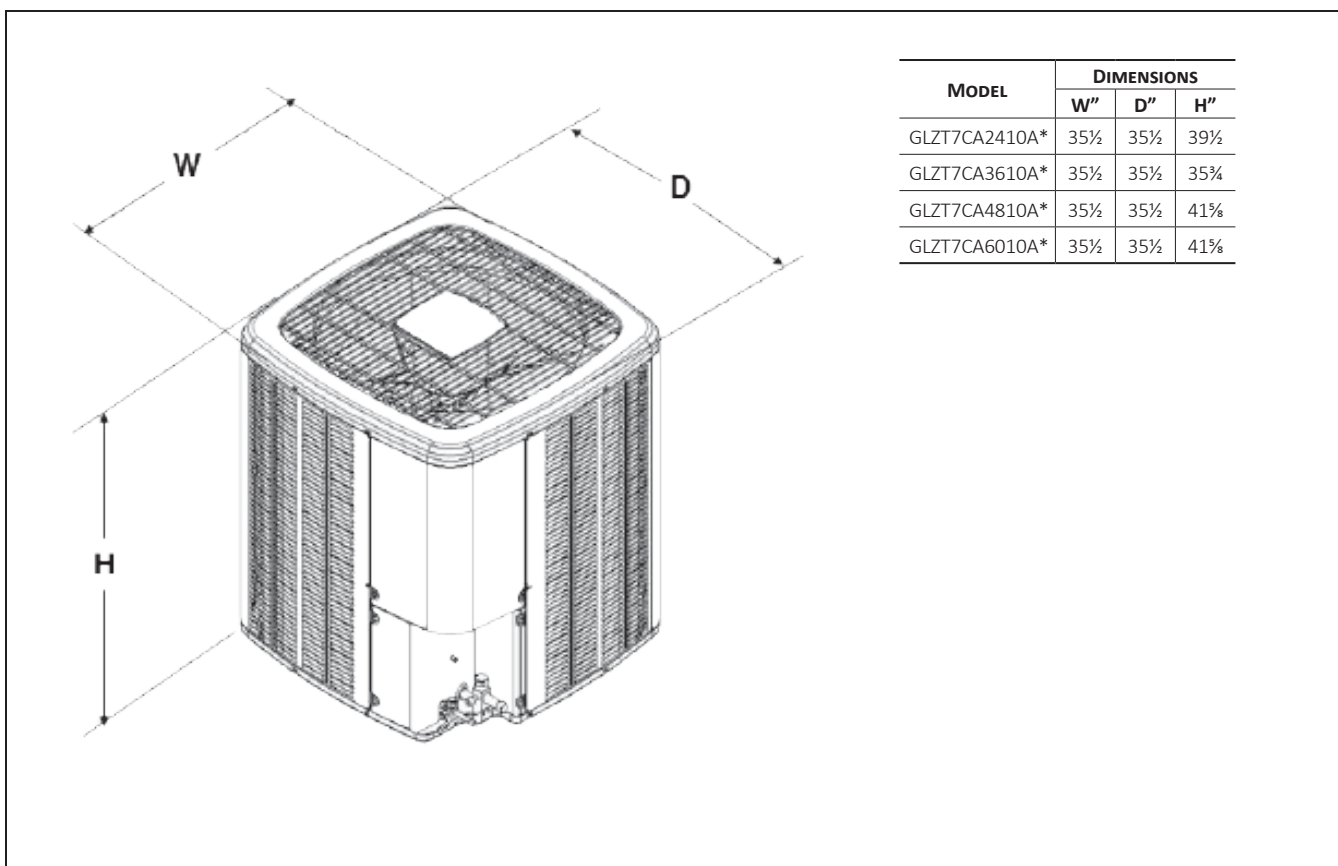
kW = Total system power



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.



## ACCESSORIES

| MODEL                     | DESCRIPTION                        | GLZT7CA<br>2410A* | GLZT7CA<br>3610A* | GLZT7CA<br>4810A* | GLZT7CA<br>6010A* |
|---------------------------|------------------------------------|-------------------|-------------------|-------------------|-------------------|
| ABK-20                    | Anchor Bracket Kit $\diamond$      | X                 | X                 | X                 | X                 |
| CSR-U-1                   | Hard-start Kit                     | X                 | X                 |                   |                   |
| CSR-U-2                   | Hard-start Kit                     |                   | X                 | X                 | X                 |
| CSR-U-3                   | Hard-start Kit                     |                   |                   | X                 | X                 |
| FSK01A <sup>1</sup>       | Freeze Protection Kit              | X                 | X                 | X                 | X                 |
| OT18-60A <sup>2</sup>     | Outdoor Thermostat w/ Lockout Stat | X                 | X                 | X                 | X                 |
| TXV-FX-KX-2T <sup>3</sup> | TXV Kit                            | X                 |                   |                   |                   |
| TXV-FX-KX-3T <sup>3</sup> | TXV Kit                            |                   | X                 |                   |                   |
| TXV-FX-KX-4T <sup>3</sup> | TXV Kit                            |                   |                   | X                 |                   |
| TXV-FX-KX-5T <sup>3</sup> | TXV Kit                            |                   |                   |                   | X                 |

Note: Maximum number of installed accessories at the same time is limited by the size of the unit's control box.

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

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

<sup>2</sup> Available in 24V legacy mode only. This feature is integrated in the communicating mode. Required for heat pump applications where ambient temperature falls below 0 °F with 50% or higher relative humidity.

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

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

This image shows a full page of white paper with evenly spaced horizontal grey lines, resembling notebook paper or a template for handwriting practice. There are no margins, text, or other markings on the page.