# DAIKIN

# DZ20VC

*Cooling Capacity: 22,800 - 52,500 BTU/h*
*Heating Capacity: 23,400 - 52,000 BTU/h*

## *High-Efficiency, Communicating, Split System Heat Pump Up to 21 SEER & 10.0 HSPF*


### *Contents*



### *Standard Features*

- Daikin variable-speed swing compressors
- High-density compressor sound blanket
- Compatible with Daikin *One+* smart thermostat and other Daikin communicating equipment
- Daikin control algorithmic logic
- In communicating mode, only two low-voltage wires to outdoor unit required
- Diagnostic indicator lights, seven-segment LED display, and fault code storage
- Daikin Inside intelligence for diagnostics
- Field-selectable boost mode increases compressor speed during unusually high loads
- Quiet DC outdoor fan motor
- Fully charged for 15' of tubing length
- Field-installed bi-flow filter drier
- Coil and ambient temperature sensors
- Suction pressure transducer (in cooling mode)
- Sweat connection service valves with easy access to gauge ports
- 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
- Heavy-gauge galvanized-steel cabinet
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2017 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

ASK ABOUT ENERGY STAR

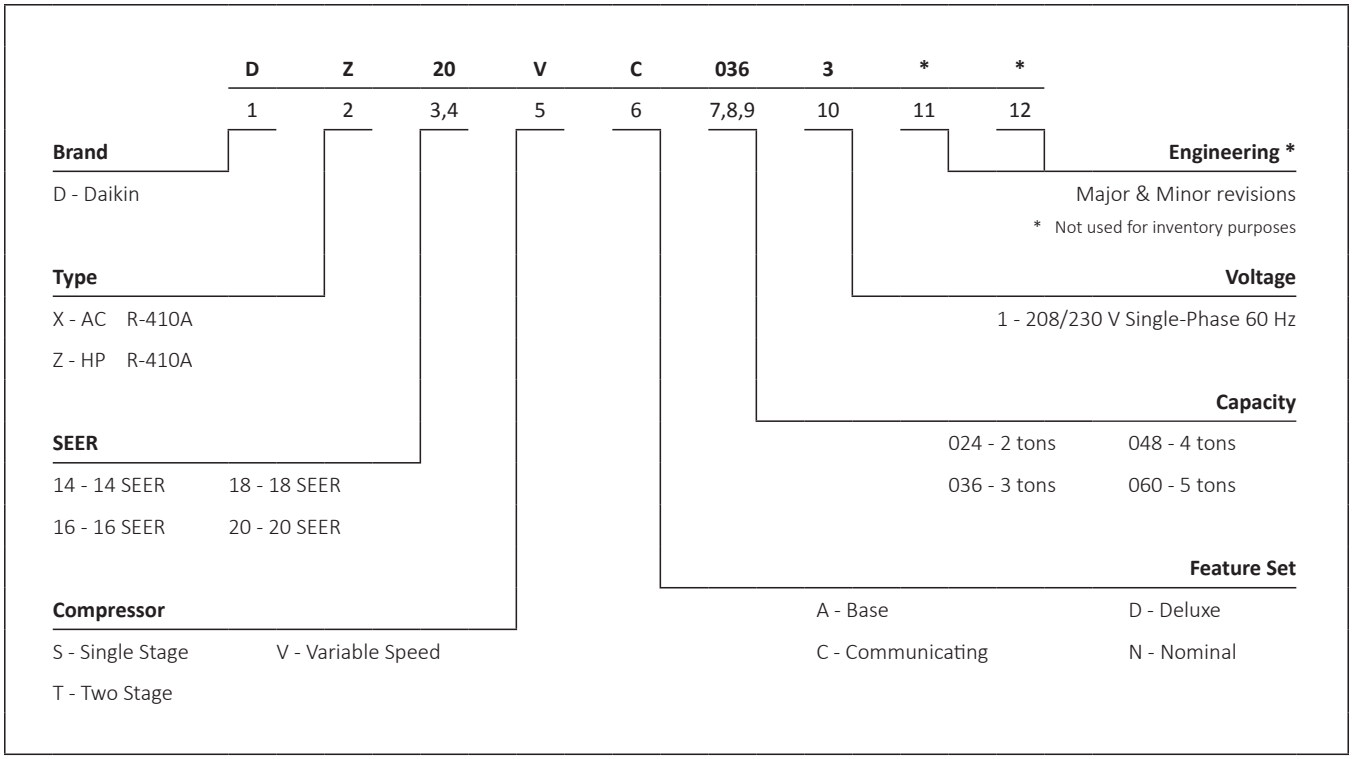
Proper sizing and installation of equipment is critical to achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov.

12 YEAR UNIT REPLACEMENT LIMITED WARRANTY

12 YEAR PARTS LIMITED WARRANTY

Intertek

* Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 12-Year Unit Replacement Limited Warranty and 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Additional requirements for annual maintenance are required for the Unit Replacement Limited Warranty. Online registration and some of the additional requirements are not required in California or Quebec.


D Z 20 V C 036 3 * *
1 2 3,4 5 6 7,8,9 10 11 12
Brand
D - Daikin
Type
X - AC R-410A
Z - HP R-410A
SEER
14 - 14 SEER
16 - 16 SEER
18 - 18 SEER
20 - 20 SEER
Compressor
S - Single Stage
T - Two Stage
V - Variable Speed
Feature Set
A - Base
C - Communicating
D - Deluxe
N - Nominal
Capacity
024 - 2 tons
036 - 3 tons
048 - 4 tons
060 - 5 tons
Voltage
1 - 208/230 V Single-Phase 60 Hz
Engineering *
Major & Minor revisions
* Not used for inventory purposes

| | DZ20VC 0241B* | DZ20VC 0361B* | DZ20VC 0481B* | DZ20VC 0601C* |
|---|---|---|---|---|
| **CAPACITIES AND RATINGS** | | | | |
| Max Cooling (BTU/h) | 23,800 | 35,800 | 46,500 | 52,500 |
| Max Heating (BTU/h) | 23,800 | 35,400 | 46,000 | 52,000 |
| **COMPRESSOR** | | | | |
| Type | Swing | Swing | Swing | Swing |
| RLA | 12.7 | 27.3 | 27.3 | 22.8 |
| **CONDENSER FAN MOTOR** | | | | |
| Horsepower | 1/2 | 1/2 | 1/2 | 1/2 |
| FLA | 2.5 | 2.5 | 2.5 | 2.5 |
| **REFRIGERATION SYSTEM** | | | | |
| Refrigerant Line Size [1] | | | | |
| Liquid Line Size ("O.D.) | ⅜" | ⅜" | ⅜" | ⅜" |
| Suction Line Size ("O.D.) | ¾" | ⅞" | 1⅛" | 1⅛" |
| Refrigerant Connection Size | | | | |
| Liquid Valve Size ("O.D.) | ⅜" | ⅜" | ⅜" | ⅜" |
| Suction Valve Size ("O.D.) | ¾" | ⅞" | ⅞" | ⅞" |
| Valve Connection Type | Ball Valve | Ball Valve | Ball Valve | Ball Valve |
| Refrigerant Charge (oz.) | 165 | 272 | 272 | 272 |
| Superheat at Service Valve | 7-9°F | 7-9°F | 7-9°F | 7-9°F |
| Subcooling at Service Valve | 7-9°F | 7-9°F | 7-9°F | 9-11°F |
| **ELECTRICAL DATA** | | | | |
| Volts-Phase (60 Hz) | 208-230/1 | 208-230/1 | 208-230/1 | 208-230/1 |
| Minimum Circuit Ampacity [2] | 15.2 | 29.8 | 29.8 | 30.6 |
| Max. Overcurrent Protection [3] | 20 | 30 | 30 | 35 |
| Min / Max Volts | 197/253 | 197/253 | 197/253 | 197/253 |
| Electrical Conduit Size | ½" or ¾" | ½" or ¾" | ½" or ¾" | ½" or ¾" |
| **EQUIPMENT WEIGHT (LBS)** | 217 | 291 | 291 | 291 |
| **SHIP WEIGHT (LBS)** | 243 | 318 | 318 | 318 |
| **ENERGY STAR® CERTIFIED** | Most Efficient 2020 | Most Efficient 2020 | Most Efficient 2020 | NO |

**ENERGY STAR NOTES**

- Products that are recognized as the Most Efficient of ENERGY STAR® in 2020 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 achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit www.energystar.gov.
- The www.energystar.gov website provides up-to-date system combinations certified to meet ENERGY STAR requirements.

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[1] Tested and rated in accordance with ANSI/AHRI Standard 210/240

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

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

**NOTES**

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply ⅞" to 1⅛" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of ⅜" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| IDB* | AIRFLOW | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 620 | MBh | 20.5 | 21.3 | 23.3 | - | 20.1 | 20.8 | 22.8 | - | 19.6 | 20.3 | 22.2 | - | 19.1 | 19.8 | 21.7 | - | 18.2 | 18.8 | 20.6 | - | 16.8 | 17.4 | 19.1 | - |
| | | S/T | 0.68 | 0.57 | 0.39 | - | 0.71 | 0.59 | 0.41 | - | 0.72 | 0.60 | 0.42 | - | 0.75 | 0.62 | 0.43 | - | 0.78 | 0.65 | 0.45 | - | 0.78 | 0.65 | 0.45 | - |
| | | ΔT | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 19 | 17 | 13 | - |
| | | kW | 1.33 | 1.36 | 1.40 | - | 1.44 | 1.47 | 1.52 | - | 1.54 | 1.57 | 1.63 | - | 1.62 | 1.66 | 1.72 | - | 1.70 | 1.74 | 1.80 | - | 1.76 | 1.80 | 1.87 | - |
| | | Amps | 5.5 | 5.6 | 5.8 | - | 5.9 | 6.1 | 6.3 | - | 6.5 | 6.6 | 6.9 | - | 6.9 | 7.1 | 7.4 | - | 7.4 | 7.6 | 7.8 | - | 7.8 | 8.0 | 8.3 | - |
| | | Hi PR | 215 | 232 | 245 | - | 242 | 260 | 275 | - | 275 | 296 | 312 | - | 313 | 337 | 356 | - | 352 | 379 | 400 | - | 389 | 419 | 442 | - |
| | | Lo PR | 101 | 108 | 118 | - | 107 | 114 | 125 | - | 111 | 119 | 129 | - | 117 | 125 | 136 | - | 123 | 130 | 142 | - | 127 | 135 | 147 | - |
| | 720 | MBh | 22.3 | 23.1 | 25.3 | - | 21.7 | 22.5 | 24.7 | - | 21.2 | 22.0 | 24.1 | - | 20.7 | 21.5 | 23.5 | - | 19.7 | 20.4 | 22.3 | - | 18.2 | 18.9 | 20.7 | - |
| | | S/T | 0.71 | 0.59 | 0.41 | - | 0.73 | 0.61 | 0.42 | - | 0.75 | 0.63 | 0.43 | - | 0.77 | 0.65 | 0.45 | - | 0.80 | 0.67 | 0.47 | - | 0.81 | 0.68 | 0.47 | - |
| | | ΔT | 20 | 17 | 13 | - | 20 | 18 | 13 | - | 20 | 18 | 13 | - | 20 | 18 | 13 | - | 20 | 17 | 13 | - | 19 | 16 | 12 | - |
| | | kW | 1.36 | 1.39 | 1.44 | - | 1.48 | 1.51 | 1.56 | - | 1.58 | 1.62 | 1.67 | - | 1.67 | 1.71 | 1.77 | - | 1.74 | 1.79 | 1.85 | - | 1.81 | 1.85 | 1.92 | - |
| | | Amps | 5.6 | 5.8 | 6.0 | - | 6.1 | 6.3 | 6.5 | - | 6.7 | 6.8 | 7.1 | - | 7.1 | 7.3 | 7.6 | - | 7.6 | 7.8 | 8.1 | - | 8.1 | 8.3 | 8.6 | - |
| | | Hi PR | 222 | 239 | 252 | - | 249 | 268 | 283 | - | 283 | 305 | 322 | - | 323 | 347 | 367 | - | 363 | 391 | 412 | - | 401 | 432 | 456 | - |
| | | Lo PR | 105 | 111 | 122 | - | 111 | 118 | 128 | - | 115 | 122 | 133 | - | 121 | 128 | 140 | - | 126 | 135 | 147 | - | 131 | 139 | 152 | - |
| | 820 | MBh | 22.9 | 23.8 | 26.0 | - | 22.4 | 23.2 | 25.4 | - | 21.9 | 22.7 | 24.8 | - | 21.3 | 22.1 | 24.2 | - | 20.3 | 21.0 | 23.0 | - | 18.8 | 19.5 | 21.3 | - |
| | | S/T | 0.74 | 0.62 | 0.43 | - | 0.77 | 0.64 | 0.44 | - | 0.79 | 0.66 | 0.46 | - | 0.81 | 0.68 | 0.47 | - | 0.84 | 0.70 | 0.49 | - | 0.85 | 0.71 | 0.49 | - |
| | | ΔT | 19 | 16 | 13 | - | 19 | 17 | 13 | - | 19 | 17 | 13 | - | 19 | 17 | 13 | - | 19 | 17 | 13 | - | 18 | 15 | 12 | - |
| | | kW | 1.37 | 1.41 | 1.45 | - | 1.49 | 1.53 | 1.58 | - | 1.59 | 1.63 | 1.69 | - | 1.68 | 1.72 | 1.78 | - | 1.76 | 1.80 | 1.87 | - | 1.83 | 1.87 | 1.94 | - |
| | | Amps | 5.7 | 5.8 | 6.0 | - | 6.2 | 6.3 | 6.5 | - | 6.7 | 6.9 | 7.1 | - | 7.2 | 7.4 | 7.6 | - | 7.7 | 7.9 | 8.1 | - | 8.2 | 8.4 | 8.6 | - |
| | | Hi PR | 224 | 241 | 255 | - | 252 | 271 | 286 | - | 286 | 308 | 325 | - | 326 | 351 | 370 | - | 367 | 394 | 417 | - | 405 | 436 | 460 | - |
| | | Lo PR | 106 | 112 | 123 | - | 112 | 119 | 130 | - | 116 | 123 | 135 | - | 122 | 130 | 142 | - | 128 | 136 | 148 | - | 132 | 141 | 153 | - |
| 75 | 620 | MBh | 20.9 | 21.5 | 23.3 | 25.0 | 20.4 | 21.0 | 22.7 | 24.4 | 19.9 | 20.5 | 22.2 | 23.8 | 19.4 | 20.0 | 21.7 | 23.3 | 18.5 | 19.0 | 20.6 | 22.1 | 17.1 | 17.6 | 19.1 | 20.5 |
| | | S/T | 0.77 | 0.69 | 0.52 | 0.34 | 0.80 | 0.72 | 0.54 | 0.35 | 0.82 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.89 | 0.79 | 0.60 | 0.39 |
| | | ΔT | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 13 | 24 | 23 | 18 | 13 | 24 | 22 | 18 | 13 | 23 | 21 | 17 | 12 |
| | | kW | 1.34 | 1.37 | 1.42 | 1.47 | 1.45 | 1.49 | 1.54 | 1.59 | 1.55 | 1.59 | 1.64 | 1.70 | 1.64 | 1.68 | 1.74 | 1.80 | 1.71 | 1.75 | 1.82 | 1.88 | 1.78 | 1.82 | 1.88 | 1.95 |
| | | Amps | 5.5 | 5.7 | 5.9 | 6.1 | 6.0 | 6.2 | 6.4 | 6.6 | 6.5 | 6.7 | 6.9 | 7.2 | 7.0 | 7.2 | 7.4 | 7.7 | 7.5 | 7.7 | 7.9 | 8.2 | 7.9 | 8.1 | 8.4 | 8.7 |
| | | Hi PR | 218 | 234 | 247 | 258 | 244 | 263 | 277 | 289 | 278 | 299 | 315 | 329 | 316 | 340 | 359 | 375 | 356 | 383 | 404 | 422 | 393 | 423 | 447 | 466 |
| | | Lo PR | 103 | 109 | 119 | 127 | 108 | 115 | 126 | 134 | 113 | 120 | 131 | 139 | 118 | 126 | 137 | 146 | 124 | 132 | 144 | 153 | 128 | 136 | 149 | 159 |
| | 720 | MBh | 22.6 | 23.3 | 25.2 | 27.1 | 22.1 | 22.8 | 24.6 | 26.4 | 21.6 | 22.2 | 24.1 | 25.8 | 21.1 | **21.7** | 23.5 | 25.2 | 20.0 | 20.6 | 22.3 | 23.9 | 18.5 | 19.1 | 20.7 | 22.2 |
| | | S/T | 0.80 | 0.72 | 0.54 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.88 | **0.79** | 0.60 | 0.38 | 0.91 | 0.82 | 0.62 | 0.40 | 0.92 | 0.82 | 0.62 | 0.40 |
| | | ΔT | 23 | 21 | 18 | 12 | 23 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | **22** | 18 | 12 | 23 | 21 | 18 | 12 | 22 | 20 | 16 | 11 |
| | | kW | 1.37 | 1.41 | 1.46 | 1.51 | 1.49 | 1.53 | 1.58 | 1.63 | 1.59 | 1.63 | 1.69 | 1.75 | 1.68 | **1.72** | 1.78 | 1.85 | 1.76 | 1.80 | 1.87 | 1.93 | 1.83 | 1.87 | 1.94 | 2.01 |
| | | Amps | 5.7 | 5.8 | 6.0 | 6.3 | 6.2 | 6.3 | 6.5 | 6.8 | 6.7 | 6.9 | 7.1 | 7.4 | 7.2 | **7.4** | 7.6 | 7.9 | 7.7 | 7.9 | 8.1 | 8.5 | 8.2 | 8.4 | 8.6 | 9.0 |
| | | Hi PR | 224 | 241 | 255 | 266 | 252 | 271 | 286 | 298 | 286 | 308 | 325 | 339 | 326 | **351** | 370 | 386 | 367 | 395 | 417 | 435 | 405 | 436 | 460 | 480 |
| | | Lo PR | 106 | 112 | 123 | 131 | 112 | 119 | 130 | 138 | 116 | 123 | 135 | 144 | 122 | **130** | 142 | 151 | 128 | 136 | 148 | 158 | 132 | 141 | 153 | 163 |
| | 820 | MBh | 23.3 | 24.0 | 26.0 | 27.9 | 22.8 | 23.5 | 25.4 | 27.2 | 22.2 | 22.9 | 24.8 | 26.6 | 21.7 | 22.3 | 24.2 | 25.9 | 20.6 | 21.2 | 23.0 | 24.6 | 19.1 | 19.7 | 21.3 | 22.8 |
| | | S/T | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.89 | 0.80 | 0.61 | 0.39 | 0.92 | 0.83 | 0.62 | 0.40 | 0.96 | 0.86 | 0.65 | 0.42 | 0.97 | 0.86 | 0.65 | 0.42 |
| | | ΔT | 22 | 20 | 17 | 11 | 22 | 21 | 17 | 12 | 22 | 21 | 17 | 12 | 22 | 21 | 17 | 12 | 22 | 20 | 17 | 12 | 21 | 19 | 16 | 11 |
| | | kW | 1.39 | 1.42 | 1.47 | 1.52 | 1.50 | 1.54 | 1.59 | 1.65 | 1.61 | 1.64 | 1.70 | 1.76 | 1.70 | 1.74 | 1.80 | 1.86 | 1.78 | 1.82 | 1.88 | 1.95 | 1.84 | 1.89 | 1.95 | 2.02 |
| | | Amps | 5.8 | 5.9 | 6.1 | 6.3 | 6.2 | 6.4 | 6.6 | 6.9 | 6.8 | 7.0 | 7.2 | 7.5 | 7.3 | 7.5 | 7.7 | 8.0 | 7.8 | 8.0 | 8.2 | 8.5 | 8.2 | 8.4 | 8.7 | 9.1 |
| | | Hi PR | 226 | 244 | 257 | 268 | 254 | 273 | 289 | 301 | 289 | 311 | 328 | 343 | 329 | 354 | 374 | 390 | 370 | 399 | 421 | 439 | 409 | 440 | 465 | 485 |
| | | Lo PR | 107 | 114 | 124 | 132 | 113 | 120 | 131 | 139 | 117 | 125 | 136 | 145 | 123 | 131 | 143 | 152 | 129 | 137 | 150 | 160 | 133 | 142 | 155 | 165 |

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

| | | | 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 |
| 80 | 620 | MBh | 21.3 | 21.7 | 23.2 | 24.8 | 20.8 | 21.2 | 22.7 | 24.2 | 20.3 | 20.7 | 22.1 | 23.7 | 19.8 | 20.2 | 21.6 | 23.1 | 18.8 | 19.2 | 20.5 | 21.9 | 17.4 | 17.8 | 19.0 | 20.3 |
| | | S/T | 0.85 | 0.80 | 0.65 | 0.48 | 0.88 | 0.82 | 0.67 | 0.50 | 0.90 | 0.85 | 0.69 | 0.51 | 0.93 | 0.87 | 0.71 | 0.53 | 0.97 | 0.91 | 0.74 | 0.55 | 0.97 | 0.91 | 0.74 | 0.56 |
| | | ΔT | 27 | 26 | 22 | 18 | 27 | 26 | 23 | 18 | 27 | 26 | 23 | 18 | 27 | 26 | 23 | 18 | 27 | 26 | 22 | 18 | 25 | 24 | 21 | 17 |
| | | kW | 1.35 | 1.38 | 1.43 | 1.48 | 1.46 | 1.50 | 1.55 | 1.61 | 1.56 | 1.60 | 1.66 | 1.72 | 1.65 | 1.69 | 1.75 | 1.81 | 1.73 | 1.77 | 1.83 | 1.90 | 1.79 | 1.84 | 1.90 | 1.97 |
| | | Amps | 5.6 | 5.7 | 5.9 | 6.2 | 6.1 | 6.2 | 6.4 | 6.7 | 6.6 | 6.8 | 7.0 | 7.3 | 7.1 | 7.2 | 7.5 | 7.8 | 7.5 | 7.7 | 8.0 | 8.3 | 8.0 | 8.2 | 8.5 | 8.8 |
| | | Hi PR | 220 | 236 | 250 | 260 | 247 | 265 | 280 | 292 | 280 | 302 | 319 | 332 | 319 | 344 | 363 | 378 | 359 | 387 | 408 | 426 | 397 | 427 | 451 | 470 |
| | | Lo PR | 104 | 110 | 120 | 128 | 109 | 116 | 127 | 135 | 114 | 121 | 132 | 141 | 119 | 127 | 139 | 148 | 125 | 133 | 145 | 155 | 129 | 138 | 150 | 160 |
| | 720 | MBh | 23.0 | 23.5 | 25.2 | 26.9 | 22.5 | 23.0 | 24.6 | 26.3 | 22.0 | 22.4 | 24.0 | 25.6 | 21.4 | 21.9 | **23.4** | 25.0 | 20.4 | 20.8 | 22.2 | 23.8 | 18.9 | 19.3 | 20.6 | 22.0 |
| | | S/T | 0.88 | 0.83 | 0.67 | 0.50 | 0.91 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.71 | 0.53 | 0.97 | 0.91 | **0.74** | 0.55 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.95 | 0.77 | 0.58 |
| | | ΔT | 26 | 25 | 22 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | **22** | 18 | 26 | 25 | 22 | 17 | 24 | 23 | 20 | 16 |
| | | kW | 1.39 | 1.42 | 1.47 | 1.52 | 1.50 | 1.54 | 1.59 | 1.65 | 1.61 | 1.65 | 1.70 | 1.76 | 1.70 | 1.74 | **1.80** | 1.86 | 1.78 | 1.82 | 1.88 | 1.95 | 1.84 | 1.89 | 1.95 | 2.02 |
| | | Amps | 5.8 | 5.9 | 6.1 | 6.3 | 6.2 | 6.4 | 6.6 | 6.9 | 6.8 | 7.0 | 7.2 | 7.5 | 7.3 | 7.5 | **7.7** | 8.0 | 7.8 | 8.0 | 8.2 | 8.5 | 8.2 | 8.4 | 8.7 | 9.1 |
| | | Hi PR | 226 | 244 | 257 | 268 | 254 | 273 | 289 | 301 | 289 | 311 | 328 | 343 | 329 | 354 | **374** | 390 | 370 | 399 | 421 | 439 | 409 | 440 | 465 | 485 |
| | | Lo PR | 107 | 114 | 124 | 132 | 113 | 120 | 131 | 140 | 117 | 125 | 136 | 145 | 123 | 131 | **143** | 152 | 129 | 137 | 150 | 160 | 133 | 142 | 155 | 165 |
| | 820 | MBh | 23.7 | 24.3 | 25.9 | 27.7 | 23.2 | 23.7 | 25.3 | 27.1 | 22.6 | 23.1 | 24.7 | 26.4 | 22.1 | 22.6 | 24.1 | 25.8 | 21.0 | 21.4 | 22.9 | 24.5 | 19.4 | 19.9 | 21.2 | 22.7 |
| | | S/T | 0.92 | 0.87 | 0.70 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 1.00 | 0.92 | 0.75 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 1.00 | 0.80 | 0.60 | 1.00 | 1.00 | 0.81 | 0.60 |
| | | ΔT | 25 | 24 | 20 | 16 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 24 | 24 | 21 | 16 | 22 | 22 | 19 | 15 |
| | | kW | 1.40 | 1.43 | 1.48 | 1.53 | 1.52 | 1.55 | 1.61 | 1.66 | 1.62 | 1.66 | 1.72 | 1.78 | 1.71 | 1.75 | 1.82 | 1.88 | 1.79 | 1.83 | 1.90 | 1.97 | 1.86 | 1.90 | 1.97 | 2.04 |
| | | Amps | 5.8 | 6.0 | 6.2 | 6.4 | 6.3 | 6.5 | 6.7 | 6.9 | 6.9 | 7.0 | 7.3 | 7.6 | 7.3 | 7.5 | 7.8 | 8.1 | 7.8 | 8.0 | 8.3 | 8.6 | 8.3 | 8.5 | 8.8 | 9.2 |
| | | Hi PR | 229 | 246 | 260 | 271 | 257 | 276 | 292 | 304 | 292 | 314 | 332 | 346 | 333 | 358 | 378 | 394 | 374 | 403 | 425 | 443 | 413 | 445 | 470 | 490 |
| | | Lo PR | 108 | 115 | 125 | 133 | 114 | 121 | 132 | 141 | 118 | 126 | 137 | 146 | 124 | 132 | 144 | 154 | 130 | 139 | 151 | 161 | 135 | 143 | 157 | 167 |
| 85 | 620 | MBh | 21.6 | 22.1 | 23.1 | 24.6 | 21.1 | 21.5 | 22.6 | 24.1 | 20.6 | 21.0 | 22.0 | 23.5 | 20.1 | 20.5 | 21.5 | 22.9 | 19.1 | 19.5 | 20.4 | 21.8 | 17.7 | 18.1 | 18.9 | 20.2 |
| | | S/T | 0.89 | 0.86 | 0.77 | 0.63 | 0.92 | 0.89 | 0.80 | 0.65 | 0.95 | 0.91 | 0.82 | 0.67 | 0.98 | 0.94 | 0.85 | 0.69 | 1.00 | 0.98 | 0.88 | 0.72 | 1.00 | 0.99 | 0.89 | 0.72 |
| | | ΔT | 29 | 28 | 27 | 23 | 29 | 28 | 27 | 23 | 29 | 28 | 27 | 23 | 29 | 29 | 27 | 23 | 28 | 28 | 27 | 23 | 26 | 26 | 25 | 22 |
| | | kW | 1.36 | 1.39 | 1.44 | 1.49 | 1.48 | 1.51 | 1.56 | 1.62 | 1.58 | 1.62 | 1.67 | 1.73 | 1.67 | 1.71 | 1.77 | 1.83 | 1.74 | 1.78 | 1.85 | 1.91 | 1.81 | 1.85 | 1.92 | 1.99 |
| | | Amps | 5.6 | 5.8 | 6.0 | 6.2 | 6.1 | 6.3 | 6.5 | 6.7 | 6.7 | 6.8 | 7.1 | 7.3 | 7.1 | 7.3 | 7.6 | 7.9 | 7.6 | 7.8 | 8.1 | 8.4 | 8.1 | 8.3 | 8.6 | 8.9 |
| | | Hi PR | 222 | 239 | 252 | 263 | 249 | 268 | 283 | 295 | 283 | 305 | 322 | 336 | 323 | 347 | 367 | 382 | 363 | 390 | 412 | 430 | 401 | 431 | 456 | 475 |
| | | Lo PR | 105 | 111 | 121 | 129 | 110 | 118 | 128 | 137 | 115 | 122 | 133 | 142 | 121 | 128 | 140 | 149 | 126 | 134 | 147 | 156 | 131 | 139 | 152 | 162 |
| | 720 | MBh | 23.4 | 23.9 | 25.0 | 26.7 | 22.9 | 23.3 | 24.4 | 26.1 | 22.4 | 22.8 | 23.9 | 25.5 | 21.8 | 22.2 | 23.3 | 24.8 | 20.7 | 21.1 | 22.1 | 23.6 | 19.2 | 19.6 | 20.5 | 21.9 |
| | | S/T | 0.92 | 0.89 | 0.80 | 0.65 | 0.96 | 0.92 | 0.83 | 0.68 | 0.98 | 0.95 | 0.85 | 0.69 | 1.00 | 0.98 | 0.88 | 0.72 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.92 | 0.75 |
| | | ΔT | 28 | 27 | 26 | 22 | 28 | 28 | 26 | 23 | 28 | 28 | 26 | 23 | 28 | 28 | 26 | 23 | 26 | 27 | 26 | 22 | 25 | 25 | 24 | 21 |
| | | kW | 1.40 | 1.43 | 1.48 | 1.53 | 1.52 | 1.55 | 1.61 | 1.66 | 1.62 | 1.66 | 1.72 | 1.78 | 1.71 | 1.75 | 1.82 | 1.88 | 1.79 | 1.83 | 1.90 | 1.97 | 1.86 | 1.90 | 1.97 | 2.04 |
| | | Amps | 5.8 | 6.0 | 6.2 | 6.4 | 6.3 | 6.5 | 6.7 | 6.9 | 6.9 | 7.0 | 7.3 | 7.6 | 7.3 | 7.5 | 7.8 | 8.1 | 7.8 | 8.0 | 8.3 | 8.6 | 8.3 | 8.5 | 8.8 | 9.2 |
| | | Hi PR | 229 | 246 | 260 | 271 | 257 | 276 | 292 | 304 | 292 | 314 | 332 | 346 | 333 | 358 | 378 | 394 | 374 | 403 | 425 | 443 | 413 | 445 | 470 | 490 |
| | | Lo PR | 108 | 115 | 125 | 133 | 114 | 121 | 132 | 141 | 118 | 126 | 137 | 146 | 124 | 132 | 144 | 154 | 130 | 139 | 151 | 161 | 135 | 143 | 157 | 167 |
| | 820 | MBh | 24.1 | 24.6 | 25.8 | 27.5 | 23.6 | 24.0 | 25.2 | 26.9 | 23.0 | 23.5 | 24.6 | 26.2 | 22.5 | 22.9 | 24.0 | 25.6 | 21.3 | 21.8 | 22.8 | 24.3 | 19.8 | 20.2 | 21.1 | 22.5 |
| | | S/T | 0.97 | 0.93 | 0.84 | 0.68 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 0.99 | 0.90 | 0.73 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 0.97 | 0.78 |
| | | ΔT | 26 | 26 | 24 | 21 | 26 | 26 | 25 | 21 | 26 | 26 | 25 | 21 | 25 | 26 | 25 | 22 | 24 | 24 | 25 | 21 | 22 | 23 | 23 | 20 |
| | | kW | 1.41 | 1.44 | 1.49 | 1.55 | 1.53 | 1.57 | 1.62 | 1.68 | 1.64 | 1.67 | 1.73 | 1.80 | 1.73 | 1.77 | 1.83 | 1.90 | 1.81 | 1.85 | 1.92 | 1.99 | 1.88 | 1.92 | 1.99 | 2.06 |
| | | Amps | 5.9 | 6.0 | 6.2 | 6.5 | 6.4 | 6.5 | 6.7 | 7.0 | 6.9 | 7.1 | 7.3 | 7.6 | 7.4 | 7.6 | 7.9 | 8.2 | 7.9 | 8.1 | 8.4 | 8.7 | 8.4 | 8.6 | 8.9 | 9.2 |
| | | Hi PR | 231 | 249 | 263 | 274 | 259 | 279 | 295 | 307 | 295 | 317 | 335 | 349 | 336 | 361 | 382 | 398 | 378 | 407 | 429 | 448 | 417 | 449 | 474 | 495 |
| | | Lo PR | 109 | 116 | 126 | 135 | 115 | 122 | 134 | 142 | 120 | 127 | 139 | 148 | 126 | 134 | 146 | 155 | 132 | 140 | 153 | 163 | 136 | 145 | 158 | 168 |

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions.

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB* | Airflow | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 1050 | MBh | 33.2 | 34.4 | 37.7 | - | 32.4 | 33.6 | 36.8 | - | 31.6 | 32.8 | 35.9 | - | 30.9 | 32.0 | 35.0 | - | 29.3 | 30.4 | 33.3 | - | 27.2 | 28.1 | 30.8 | - |
| | | S/T | 0.70 | 0.59 | 0.41 | - | 0.73 | 0.61 | 0.42 | - | 0.75 | 0.62 | 0.43 | - | 0.77 | 0.64 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.81 | 0.67 | 0.47 | - |
| | | ΔT | 20 | 18 | 13 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 21 | 18 | 14 | - | 20 | 18 | 13 | - | 19 | 17 | 13 | - |
| | | kW | 1.91 | 1.95 | 2.01 | - | 2.06 | 2.11 | 2.18 | - | 2.19 | 2.24 | 2.32 | - | 2.31 | 2.37 | 2.45 | - | 2.42 | 2.47 | 2.56 | - | 2.50 | 2.56 | 2.65 | - |
| | | Amps | 7.7 | 7.9 | 8.2 | - | 8.4 | 8.6 | 8.9 | - | 9.1 | 9.3 | 9.7 | - | 9.8 | 10.0 | 10.3 | - | 10.4 | 10.7 | 11.0 | - | 11.0 | 11.3 | 11.7 | - |
| | | Hi PR | 213 | 230 | 243 | - | 240 | 258 | 272 | - | 272 | 293 | 310 | - | 310 | 334 | 353 | - | 349 | 376 | 397 | - | 386 | 415 | 438 | - |
| | | Lo PR | 104 | 111 | 121 | - | 110 | 117 | 128 | - | 114 | 122 | 133 | - | 120 | 128 | 139 | - | 126 | 134 | 146 | - | 130 | 138 | 151 | - |
| | 1160 | MBh | 33.7 | 34.9 | 38.2 | - | 32.9 | 34.1 | 37.4 | - | 32.1 | 33.3 | 36.5 | - | 31.3 | 32.5 | 35.6 | - | 29.8 | 30.8 | 33.8 | - | 27.6 | 28.6 | 31.3 | - |
| | | S/T | 0.73 | 0.61 | 0.42 | - | 0.75 | 0.63 | 0.44 | - | 0.77 | 0.65 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.83 | 0.69 | 0.48 | - | 0.83 | 0.70 | 0.48 | - |
| | | ΔT | 19 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 20 | 17 | 13 | - | 18 | 16 | 12 | - |
| | | kW | 1.93 | 1.98 | 2.04 | - | 2.09 | 2.14 | 2.21 | - | 2.23 | 2.28 | 2.36 | - | 2.35 | 2.40 | 2.48 | - | 2.45 | 2.51 | 2.59 | - | 2.54 | 2.60 | 2.69 | - |
| | | Amps | 7.9 | 8.1 | 8.3 | - | 8.5 | 8.7 | 9.0 | - | 9.3 | 9.5 | 9.8 | - | 9.9 | 10.2 | 10.5 | - | 10.6 | 10.8 | 11.2 | - | 11.2 | 11.5 | 11.9 | - |
| | | Hi PR | 217 | 234 | 247 | - | 244 | 262 | 277 | - | 277 | 298 | 315 | - | 316 | 340 | 359 | - | 355 | 382 | 404 | - | 392 | 422 | 446 | - |
| | | Lo PR | 106 | 113 | 123 | - | 112 | 119 | 130 | - | 116 | 124 | 135 | - | 122 | 130 | 142 | - | 128 | 136 | 149 | - | 132 | 141 | 154 | - |
| | 1350 | MBh | 34.7 | 36.0 | 39.4 | - | 33.9 | 35.1 | 38.5 | - | 33.1 | 34.3 | 37.6 | - | 32.3 | 33.4 | 36.6 | - | 30.7 | 31.8 | 34.8 | - | 28.4 | 29.4 | 32.2 | - |
| | | S/T | 0.76 | 0.64 | 0.44 | - | 0.79 | 0.66 | 0.46 | - | 0.81 | 0.68 | 0.47 | - | 0.84 | 0.70 | 0.48 | - | 0.87 | 0.72 | 0.50 | - | 0.88 | 0.73 | 0.51 | - |
| | | ΔT | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 17 | 15 | 11 | - |
| | | kW | 1.95 | 1.99 | 2.06 | - | 2.11 | 2.15 | 2.23 | - | 2.25 | 2.30 | 2.38 | - | 2.37 | 2.42 | 2.51 | - | 2.47 | 2.53 | 2.62 | - | 2.56 | 2.62 | 2.71 | - |
| | | Amps | 7.9 | 8.1 | 8.4 | - | 8.6 | 8.8 | 9.1 | - | 9.4 | 9.6 | 9.9 | - | 10.0 | 10.3 | 10.6 | - | 10.7 | 10.9 | 11.3 | - | 11.3 | 11.6 | 12.0 | - |
| | | Hi PR | 219 | 236 | 249 | - | 246 | 265 | 280 | - | 280 | 301 | 318 | - | 319 | 343 | 362 | - | 359 | 386 | 408 | - | 396 | 426 | 450 | - |
| | | Lo PR | 107 | 114 | 124 | - | 113 | 120 | 131 | - | 117 | 125 | 136 | - | 123 | 131 | 143 | - | 129 | 137 | 150 | - | 134 | 142 | 155 | - |
| 75 | 1050 | MBh | 33.7 | 34.7 | 37.6 | 40.4 | 33.0 | 33.9 | 36.7 | 39.4 | 32.2 | 33.1 | 35.8 | 38.5 | 31.4 | 32.3 | 35.0 | 37.5 | 29.8 | 30.7 | 33.2 | 35.7 | 27.6 | 28.4 | 30.8 | 33.0 |
| | | S/T | 0.80 | 0.71 | 0.54 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.91 | 0.81 | 0.61 | 0.40 | 0.92 | 0.82 | 0.62 | 0.40 |
| | | ΔT | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 13 | 24 | 22 | 18 | 12 | 22 | 20 | 17 | 12 |
| | | kW | 1.92 | 1.97 | 2.03 | 2.10 | 2.08 | 2.12 | 2.20 | 2.27 | 2.21 | 2.26 | 2.34 | 2.42 | 2.33 | 2.39 | 2.47 | 2.56 | 2.44 | 2.49 | 2.58 | 2.67 | 2.53 | 2.58 | 2.67 | 2.77 |
| | | Amps | 7.8 | 8.0 | 8.3 | 8.6 | 8.5 | 8.7 | 9.0 | 9.3 | 9.2 | 9.4 | 9.8 | 10.1 | 9.9 | 10.1 | 10.4 | 10.8 | 10.5 | 10.8 | 11.1 | 11.6 | 11.1 | 11.4 | 11.8 | 12.3 |
| | | Hi PR | 216 | 232 | 245 | 256 | 242 | 260 | 275 | 287 | 275 | 296 | 313 | 326 | 313 | 337 | 356 | 371 | 353 | 379 | 401 | 418 | 390 | 419 | 443 | 462 |
| | | Lo PR | 105 | 112 | 122 | 130 | 111 | 118 | 129 | 137 | 115 | 123 | 134 | 143 | 121 | 129 | 141 | 150 | 127 | 135 | 148 | 157 | 131 | 140 | 153 | 163 |
| | 1160 | MBh | 34.2 | 35.3 | 38.2 | 41.0 | 33.5 | 34.4 | 37.3 | 40.0 | 32.7 | 33.6 | 36.4 | 39.1 | 31.9 | **32.8** | 35.5 | 38.1 | 30.3 | 31.2 | 33.7 | 36.2 | 28.0 | 28.9 | 31.2 | 33.5 |
| | | S/T | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.88 | 0.79 | 0.59 | 0.38 | 0.91 | **0.81** | 0.61 | 0.39 | 0.94 | 0.84 | 0.64 | 0.41 | 0.95 | 0.85 | 0.64 | 0.41 |
| | | ΔT | 22 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | **21** | 17 | 12 | 23 | 21 | 17 | 12 | 21 | 19 | 16 | 11 |
| | | kW | 1.95 | 1.99 | 2.06 | 2.13 | 2.11 | 2.16 | 2.23 | 2.30 | 2.25 | 2.30 | 2.38 | 2.46 | 2.37 | **2.42** | 2.51 | 2.59 | 2.47 | 2.53 | 2.62 | 2.71 | 2.56 | 2.62 | 2.71 | 2.81 |
| | | Amps | 7.9 | 8.1 | 8.4 | 8.7 | 8.6 | 8.8 | 9.1 | 9.5 | 9.4 | 9.6 | 9.9 | 10.3 | 10.0 | **10.3** | 10.6 | 11.0 | 10.7 | 10.9 | 11.3 | 11.8 | 11.3 | 11.6 | 12.0 | 12.5 |
| | | Hi PR | 219 | 236 | 249 | 260 | 246 | 265 | 280 | 292 | 280 | 301 | 318 | 332 | 319 | **343** | 362 | 378 | 359 | 386 | 408 | 425 | 396 | 427 | 450 | 470 |
| | | Lo PR | 107 | 114 | 124 | 132 | 113 | 120 | 131 | 140 | 117 | 125 | 136 | 145 | 123 | **131** | 143 | 153 | 129 | 138 | 150 | 160 | 134 | 142 | 155 | 165 |
| | 1350 | MBh | 35.3 | 36.3 | 39.3 | 42.2 | 34.5 | 35.5 | 38.4 | 41.2 | 33.6 | 34.6 | 37.5 | 40.2 | 32.8 | 33.8 | 36.6 | 39.3 | 31.2 | 32.1 | 34.7 | 37.3 | 28.9 | 29.7 | 32.2 | 34.5 |
| | | S/T | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.95 | 0.85 | 0.64 | 0.41 | 0.99 | 0.88 | 0.67 | 0.43 | 0.99 | 0.89 | 0.67 | 0.43 |
| | | ΔT | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | 20 | 16 | 11 | 21 | 19 | 16 | 11 | 20 | 18 | 15 | 10 |
| | | kW | 1.97 | 2.01 | 2.08 | 2.15 | 2.13 | 2.17 | 2.25 | 2.32 | 2.27 | 2.32 | 2.40 | 2.48 | 2.39 | 2.44 | 2.53 | 2.62 | 2.49 | 2.55 | 2.64 | 2.73 | 2.59 | 2.65 | 2.74 | 2.83 |
| | | Amps | 8.0 | 8.2 | 8.5 | 8.8 | 8.7 | 8.9 | 9.2 | 9.5 | 9.4 | 9.7 | 10.0 | 10.4 | 10.1 | 10.4 | 10.7 | 11.1 | 10.8 | 11.0 | 11.4 | 11.9 | 11.4 | 11.7 | 12.1 | 12.6 |
| | | Hi PR | 222 | 238 | 252 | 263 | 249 | 268 | 283 | 295 | 283 | 304 | 321 | 335 | 322 | 347 | 366 | 382 | 362 | 390 | 412 | 429 | 400 | 431 | 455 | 474 |
| | | Lo PR | 108 | 115 | 125 | 134 | 114 | 121 | 133 | 141 | 119 | 126 | 138 | 147 | 125 | 133 | 145 | 154 | 131 | 139 | 152 | 161 | 135 | 144 | 157 | 167 |

IDB*: 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

Airflow may vary depending on actual ambient conditions and system operation modes.

| | | | 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 |
| 80 | 1050 | MBh | 34.3 | 35.1 | 37.5 | 40.1 | 33.5 | 34.3 | 36.6 | 39.1 | 32.7 | 33.5 | 35.7 | 38.2 | 31.9 | 32.6 | 34.9 | 37.3 | 30.3 | 31.0 | 33.1 | 35.4 | 28.1 | 28.7 | 30.7 | 32.8 |
| | | S/T | 0.87 | 0.82 | 0.67 | 0.50 | 0.91 | 0.85 | 0.69 | 0.52 | 0.93 | 0.87 | 0.71 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 1.00 | 0.93 | 0.76 | 0.57 | 1.00 | 0.94 | 0.77 | 0.57 |
| | | ΔT | 26 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 26 | 22 | 18 | 27 | 26 | 22 | 18 | 26 | 25 | 22 | 18 | 25 | 24 | 21 | 16 |
| | | kW | 1.94 | 1.98 | 2.05 | 2.12 | 2.10 | 2.14 | 2.21 | 2.29 | 2.23 | 2.28 | 2.36 | 2.44 | 2.35 | 2.41 | 2.49 | 2.58 | 2.46 | 2.52 | 2.60 | 2.69 | 2.55 | 2.61 | 2.70 | 2.79 |
| | | Amps | 7.9 | 8.1 | 8.3 | 8.7 | 8.5 | 8.7 | 9.0 | 9.4 | 9.3 | 9.5 | 9.8 | 10.2 | 9.9 | 10.2 | 10.5 | 11.0 | 10.6 | 10.9 | 11.2 | 11.7 | 11.2 | 11.5 | 11.9 | 12.4 |
| | | Hi PR | 218 | 234 | 248 | 258 | 244 | 263 | 278 | 290 | 278 | 299 | 316 | 329 | 317 | 341 | 360 | 375 | 356 | 383 | 405 | 422 | 394 | 424 | 447 | 466 |
| | | Lo PR | 106 | 113 | 123 | 131 | 112 | 119 | 130 | 139 | 117 | 124 | 135 | 144 | 122 | 130 | 142 | 151 | 128 | 137 | 149 | 159 | 133 | 141 | 154 | 164 |
| | 1160 | MBh | 34.9 | 35.6 | 38.1 | 40.7 | 34.0 | 34.8 | 37.2 | 39.7 | 33.2 | 34.0 | 36.3 | 38.8 | 32.4 | 33.1 | **35.4** | 37.8 | 30.8 | 31.5 | 33.6 | 36.0 | 28.5 | 29.2 | 31.2 | 33.3 |
| | | S/T | 0.91 | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.96 | 0.90 | 0.74 | 0.55 | 0.99 | 0.93 | **0.76** | 0.57 | 1.00 | 0.97 | 0.79 | 0.59 | 1.00 | 0.98 | 0.79 | 0.59 |
| | | ΔT | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 26 | 24 | **21** | 17 | 24 | 24 | 21 | 17 | 23 | 23 | 20 | 16 |
| | | kW | 1.97 | 2.01 | 2.08 | 2.15 | 2.13 | 2.17 | 2.25 | 2.32 | 2.27 | 2.32 | 2.40 | 2.48 | 2.39 | 2.44 | **2.53** | 2.62 | 2.50 | 2.55 | 2.64 | 2.73 | 2.59 | 2.65 | 2.74 | 2.83 |
| | | Amps | 8.0 | 8.2 | 8.5 | 8.8 | 8.7 | 8.9 | 9.2 | 9.5 | 9.4 | 9.7 | 10.0 | 10.4 | 10.1 | 10.4 | **10.7** | 11.1 | 10.8 | 11.0 | 11.4 | 11.9 | 11.4 | 11.7 | 12.1 | 12.6 |
| | | Hi PR | 222 | 238 | 252 | 263 | 249 | 268 | 283 | 295 | 283 | 304 | 321 | 335 | 322 | 347 | **366** | 382 | 362 | 390 | 412 | 429 | 400 | 431 | 455 | 475 |
| | | Lo PR | 108 | 115 | 125 | 134 | 114 | 121 | 133 | 141 | 119 | 126 | 138 | 147 | 125 | 133 | **145** | 154 | 131 | 139 | 152 | 162 | 135 | 144 | 157 | 167 |
| | 1350 | MBh | 35.9 | 36.7 | 39.2 | 41.9 | 35.1 | 35.8 | 38.3 | 40.9 | 34.2 | 35.0 | 37.4 | 40.0 | 33.4 | 34.1 | 36.5 | 39.0 | 31.7 | 32.4 | 34.6 | 37.0 | 29.4 | 30.0 | 32.1 | 34.3 |
| | | S/T | 0.95 | 0.89 | 0.73 | 0.54 | 1.00 | 0.92 | 0.75 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 1.00 | 0.80 | 0.59 | 1.00 | 1.00 | 0.83 | 0.62 | 1.00 | 1.00 | 0.83 | 0.62 |
| | | ΔT | 23 | 22 | 19 | 15 | 24 | 23 | 20 | 16 | 23 | 23 | 20 | 16 | 23 | 23 | 20 | 16 | 22 | 22 | 19 | 16 | 20 | 20 | 18 | 15 |
| | | kW | 1.98 | 2.03 | 2.09 | 2.17 | 2.14 | 2.19 | 2.27 | 2.34 | 2.29 | 2.34 | 2.42 | 2.50 | 2.41 | 2.47 | 2.55 | 2.64 | 2.52 | 2.58 | 2.66 | 2.76 | 2.61 | 2.67 | 2.76 | 2.86 |
| | | Amps | 8.1 | 8.3 | 8.6 | 8.9 | 8.8 | 9.0 | 9.3 | 9.6 | 9.5 | 9.8 | 10.1 | 10.5 | 10.2 | 10.5 | 10.8 | 11.2 | 10.9 | 11.2 | 11.5 | 12.0 | 11.5 | 11.8 | 12.2 | 12.7 |
| | | Hi PR | 224 | 241 | 254 | 265 | 251 | 270 | 285 | 298 | 286 | 307 | 325 | 339 | 325 | 350 | 370 | 386 | 366 | 394 | 416 | 434 | 404 | 435 | 459 | 479 |
| | | Lo PR | 109 | 116 | 127 | 135 | 115 | 123 | 134 | 143 | 120 | 127 | 139 | 148 | 126 | 134 | 146 | 156 | 132 | 140 | 153 | 163 | 136 | 145 | 158 | 169 |
| 85 | 1050 | MBh | 34.9 | 35.6 | 37.3 | 39.8 | 34.1 | 34.8 | 36.4 | 38.9 | 33.3 | 34.0 | 35.6 | 37.9 | 32.5 | 33.1 | 34.7 | 37.0 | 30.9 | 31.5 | 33.0 | 35.2 | 28.6 | 29.2 | 30.5 | 32.6 |
| | | S/T | 0.92 | 0.88 | 0.80 | 0.65 | 0.95 | 0.92 | 0.83 | 0.67 | 0.97 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.92 | 0.74 |
| | | ΔT | 28 | 28 | 26 | 23 | 28 | 28 | 26 | 23 | 28 | 28 | 26 | 23 | 28 | 28 | 27 | 23 | 27 | 28 | 26 | 23 | 25 | 26 | 24 | 21 |
| | | kW | 1.95 | 2.00 | 2.06 | 2.13 | 2.11 | 2.16 | 2.23 | 2.31 | 2.25 | 2.30 | 2.38 | 2.46 | 2.38 | 2.43 | 2.51 | 2.60 | 2.48 | 2.54 | 2.62 | 2.72 | 2.57 | 2.63 | 2.72 | 2.82 |
| | | Amps | 8.0 | 8.2 | 8.4 | 8.7 | 8.6 | 8.8 | 9.1 | 9.5 | 9.4 | 9.6 | 9.9 | 10.3 | 10.0 | 10.3 | 10.6 | 11.1 | 10.7 | 11.0 | 11.3 | 11.8 | 11.4 | 11.6 | 12.0 | 12.5 |
| | | Hi PR | 220 | 237 | 250 | 261 | 247 | 266 | 281 | 293 | 281 | 302 | 319 | 333 | 320 | 344 | 363 | 379 | 360 | 387 | 409 | 426 | 397 | 428 | 452 | 471 |
| | | Lo PR | 107 | 114 | 125 | 133 | 113 | 121 | 132 | 140 | 118 | 125 | 137 | 146 | 124 | 132 | 144 | 153 | 130 | 138 | 151 | 160 | 134 | 143 | 156 | 166 |
| | 1160 | MBh | 35.5 | 36.2 | 37.9 | 40.4 | 34.6 | 35.3 | 37.0 | 39.5 | 33.8 | 34.5 | 36.1 | 38.5 | 33.0 | 33.6 | 35.2 | 37.6 | 31.3 | 31.9 | 33.5 | 35.7 | 29.0 | 29.6 | 31.0 | 33.1 |
| | | S/T | 0.95 | 0.92 | 0.83 | 0.67 | 0.98 | 0.95 | 0.86 | 0.70 | 1.00 | 0.97 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.95 | 0.77 |
| | | ΔT | 27 | 26 | 25 | 21 | 27 | 27 | 25 | 22 | 27 | 27 | 25 | 22 | 26 | 27 | 25 | 22 | 25 | 25 | 25 | 22 | 23 | 23 | 23 | 20 |
| | | kW | 1.98 | 2.03 | 2.09 | 2.17 | 2.14 | 2.19 | 2.27 | 2.34 | 2.29 | 2.34 | 2.42 | 2.50 | 2.41 | 2.47 | 2.55 | 2.64 | 2.52 | 2.58 | 2.66 | 2.76 | 2.61 | 2.67 | 2.76 | 2.86 |
| | | Amps | 8.1 | 8.3 | 8.6 | 8.9 | 8.8 | 9.0 | 9.3 | 9.6 | 9.5 | 9.8 | 10.1 | 10.5 | 10.2 | 10.5 | 10.8 | 11.2 | 10.9 | 11.2 | 11.5 | 12.0 | 11.5 | 11.8 | 12.2 | 12.7 |
| | | Hi PR | 224 | 241 | 254 | 265 | 251 | 270 | 285 | 298 | 286 | 307 | 325 | 339 | 325 | 350 | 370 | 386 | 366 | 394 | 416 | 434 | 404 | 435 | 459 | 479 |
| | | Lo PR | 109 | 116 | 127 | 135 | 115 | 123 | 134 | 143 | 120 | 127 | 139 | 148 | 126 | 134 | 146 | 156 | 132 | 140 | 153 | 163 | 136 | 145 | 158 | 169 |
| | 1350 | MBh | 36.5 | 37.2 | 39.0 | 41.6 | 35.7 | 36.4 | 38.1 | 40.6 | 34.8 | 35.5 | 37.2 | 39.7 | 34.0 | 34.6 | 36.3 | 38.7 | 32.3 | 32.9 | 34.5 | 36.8 | 29.9 | 30.5 | 31.9 | 34.1 |
| | | S/T | 1.00 | 0.96 | 0.87 | 0.70 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.99 | 0.80 | 1.00 | 1.00 | 1.00 | 0.81 |
| | | ΔT | 25 | 24 | 23 | 20 | 24 | 25 | 23 | 20 | 24 | 24 | 23 | 20 | 23 | 24 | 24 | 20 | 22 | 22 | 23 | 20 | 20 | 21 | 22 | 19 |
| | | kW | 2.00 | 2.04 | 2.11 | 2.18 | 2.16 | 2.21 | 2.29 | 2.36 | 2.30 | 2.36 | 2.44 | 2.52 | 2.43 | 2.49 | 2.57 | 2.66 | 2.54 | 2.60 | 2.69 | 2.78 | 2.63 | 2.69 | 2.79 | 2.88 |
| | | Amps | 8.2 | 8.4 | 8.6 | 9.0 | 8.8 | 9.1 | 9.4 | 9.7 | 9.6 | 9.9 | 10.2 | 10.6 | 10.3 | 10.6 | 10.9 | 11.3 | 11.0 | 11.3 | 11.6 | 12.1 | 11.6 | 11.9 | 12.4 | 12.8 |
| | | Hi PR | 226 | 243 | 257 | 268 | 254 | 273 | 288 | 301 | 288 | 310 | 328 | 342 | 329 | 354 | 373 | 389 | 370 | 398 | 420 | 438 | 408 | 439 | 464 | 484 |
| | | Lo PR | 110 | 117 | 128 | 136 | 116 | 124 | 135 | 144 | 121 | 129 | 141 | 150 | 127 | 135 | 148 | 157 | 133 | 142 | 155 | 165 | 138 | 147 | 160 | 170 |

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| IDB* | AIRFLOW | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 1300 | MBh | 43.6 | 45.2 | 49.5 | - | 42.6 | 44.1 | 48.3 | - | 41.5 | 43.1 | 47.2 | - | 40.5 | 42.0 | 46.0 | - | 38.5 | 39.9 | 43.7 | - | 35.7 | 37.0 | 40.5 | - |
| | | S/T | 0.69 | 0.57 | 0.40 | - | 0.71 | 0.59 | 0.41 | - | 0.73 | 0.61 | 0.42 | - | 0.75 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.79 | 0.66 | 0.46 | - |
| | | ΔT | 21 | 18 | 14 | - | 21 | 19 | 14 | - | 21 | 19 | 14 | - | 22 | 19 | 14 | - | 21 | 18 | 14 | - | 20 | 17 | 13 | - |
| | | kW | 2.71 | 2.76 | 2.85 | - | 2.92 | 2.98 | 3.08 | - | 3.11 | 3.18 | 3.29 | - | 3.28 | 3.35 | 3.46 | - | 3.42 | 3.50 | 3.62 | - | 3.54 | 3.62 | 3.75 | - |
| | | Amps | 10.9 | 11.2 | 11.6 | - | 11.8 | 12.1 | 12.5 | - | 12.9 | 13.2 | 13.6 | - | 13.8 | 14.1 | 14.6 | - | 14.7 | 15.0 | 15.5 | - | 15.5 | 15.9 | 16.5 | - |
| | | Hi PR | 219 | 236 | 249 | - | 246 | 264 | 279 | - | 279 | 301 | 318 | - | 318 | 343 | 362 | - | 358 | 385 | 407 | - | 396 | 426 | 450 | - |
| | | Lo PR | 103 | 110 | 120 | - | 109 | 116 | 127 | - | 113 | 121 | 132 | - | 119 | 127 | 138 | - | 125 | 133 | 145 | - | 129 | 137 | 150 | - |
| | 1440 | MBh | 44.2 | 45.9 | 50.2 | - | 43.2 | 44.8 | 49.1 | - | 42.2 | 43.7 | 47.9 | - | 41.2 | 42.7 | 46.7 | - | 39.1 | 40.5 | 44.4 | - | 36.2 | 37.5 | 41.1 | - |
| | | S/T | 0.71 | 0.60 | 0.41 | - | 0.74 | 0.62 | 0.43 | - | 0.76 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.68 | 0.47 | - | 0.82 | 0.68 | 0.47 | - |
| | | ΔT | 20 | 17 | 13 | - | 20 | 18 | 13 | - | 20 | 18 | 13 | - | 21 | 18 | 13 | - | 20 | 18 | 13 | - | 19 | 16 | 12 | - |
| | | kW | 2.74 | 2.80 | 2.90 | - | 2.96 | 3.03 | 3.13 | - | 3.15 | 3.23 | 3.33 | - | 3.32 | 3.40 | 3.52 | - | 3.47 | 3.55 | 3.67 | - | 3.59 | 3.68 | 3.80 | - |
| | | Amps | 11.1 | 11.4 | 11.7 | - | 12.0 | 12.3 | 12.7 | - | 13.1 | 13.4 | 13.8 | - | 14.0 | 14.3 | 14.8 | - | 14.9 | 15.3 | 15.8 | - | 15.8 | 16.2 | 16.7 | - |
| | | Hi PR | 223 | 240 | 253 | - | 250 | 269 | 284 | - | 284 | 306 | 323 | - | 324 | 348 | 368 | - | 364 | 392 | 414 | - | 403 | 433 | 457 | - |
| | | Lo PR | 105 | 112 | 122 | - | 111 | 118 | 129 | - | 115 | 123 | 134 | - | 121 | 129 | 141 | - | 127 | 135 | 147 | - | 131 | 140 | 152 | - |
| | 1580 | MBh | 44.7 | 46.3 | 50.7 | - | 43.6 | 45.2 | 49.6 | - | 42.6 | 44.2 | 48.4 | - | 41.6 | 43.1 | 47.2 | - | 39.5 | 40.9 | 44.8 | - | 36.6 | 37.9 | 41.5 | - |
| | | S/T | 0.73 | 0.61 | 0.42 | - | 0.75 | 0.63 | 0.44 | - | 0.77 | 0.65 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.83 | 0.69 | 0.48 | - | 0.83 | 0.70 | 0.48 | - |
| | | ΔT | 19 | 16 | 12 | - | 19 | 17 | 13 | - | 19 | 17 | 13 | - | 19 | 17 | 13 | - | 19 | 16 | 12 | - | 18 | 15 | 12 | - |
| | | kW | 2.75 | 2.81 | 2.90 | - | 2.97 | 3.04 | 3.14 | - | 3.16 | 3.23 | 3.34 | - | 3.33 | 3.41 | 3.52 | - | 3.48 | 3.56 | 3.68 | - | 3.60 | 3.69 | 3.81 | - |
| | | Amps | 11.1 | 11.4 | 11.8 | - | 12.0 | 12.3 | 12.8 | - | 13.1 | 13.4 | 13.9 | - | 14.0 | 14.4 | 14.9 | - | 14.9 | 15.3 | 15.8 | - | 15.8 | 16.2 | 16.8 | - |
| | | Hi PR | 223 | 240 | 254 | - | 251 | 270 | 285 | - | 285 | 307 | 324 | - | 325 | 350 | 369 | - | 365 | 393 | 415 | - | 404 | 434 | 459 | - |
| | | Lo PR | 105 | 112 | 122 | - | 111 | 118 | 129 | - | 116 | 123 | 134 | - | 121 | 129 | 141 | - | 127 | 135 | 148 | - | 132 | 140 | 153 | - |
| 75 | 1300 | MBh | 44.3 | 45.6 | 49.4 | 53.0 | 43.3 | 44.6 | 48.2 | 51.8 | 42.3 | 43.5 | 47.1 | 50.5 | 41.2 | 42.4 | 45.9 | 49.3 | 39.2 | 40.3 | 43.6 | 46.8 | 36.3 | 37.3 | 40.4 | 43.4 |
| | | S/T | 0.78 | 0.70 | 0.53 | 0.34 | 0.81 | 0.72 | 0.55 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.80 | 0.60 | 0.39 | 0.90 | 0.80 | 0.61 | 0.39 |
| | | ΔT | 24 | 23 | 18 | 13 | 25 | 23 | 19 | 13 | 25 | 23 | 19 | 13 | 25 | 23 | 19 | 13 | 25 | 23 | 19 | 13 | 23 | 21 | 17 | 12 |
| | | kW | 2.73 | 2.79 | 2.88 | 2.97 | 2.94 | 3.01 | 3.11 | 3.21 | 3.14 | 3.21 | 3.31 | 3.43 | 3.31 | 3.38 | 3.49 | 3.61 | 3.45 | 3.53 | 3.65 | 3.77 | 3.57 | 3.65 | 3.78 | 3.91 |
| | | Amps | 11.0 | 11.3 | 11.7 | 12.1 | 11.9 | 12.2 | 12.6 | 13.1 | 13.0 | 13.3 | 13.8 | 14.3 | 13.9 | 14.2 | 14.7 | 15.3 | 14.8 | 15.2 | 15.7 | 16.3 | 15.7 | 16.1 | 16.6 | 17.3 |
| | | Hi PR | 221 | 238 | 251 | 262 | 248 | 267 | 282 | 294 | 282 | 304 | 321 | 335 | 322 | 346 | 365 | 381 | 362 | 389 | 411 | 429 | 400 | 430 | 454 | 474 |
| | | Lo PR | 104 | 111 | 121 | 129 | 110 | 117 | 128 | 136 | 114 | 122 | 133 | 142 | 120 | 128 | 140 | 149 | 126 | 134 | 146 | 156 | 130 | 139 | 151 | 161 |
| | 1440 | MBh | 45.0 | 46.3 | 50.1 | 53.8 | 43.9 | 45.2 | 49.0 | 52.6 | 42.9 | 44.2 | 47.8 | 51.3 | 41.9 | **43.1** | 46.6 | 50.1 | 39.8 | 40.9 | 44.3 | 47.6 | 36.8 | 37.9 | 41.0 | 44.0 |
| | | S/T | 0.81 | 0.72 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.37 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | **0.79** | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.93 | 0.83 | 0.63 | 0.41 |
| | | ΔT | 23 | 21 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 24 | **22** | 18 | 12 | 23 | 22 | 18 | 12 | 22 | 20 | 16 | 11 |
| | | kW | 2.77 | 2.83 | 2.92 | 3.02 | 2.99 | 3.05 | 3.16 | 3.26 | 3.18 | 3.25 | 3.36 | 3.48 | 3.35 | **3.43** | 3.55 | 3.67 | 3.50 | 3.58 | 3.70 | 3.83 | 3.63 | 3.71 | 3.84 | 3.97 |
| | | Amps | 11.2 | 11.5 | 11.9 | 12.3 | 12.1 | 12.4 | 12.8 | 13.3 | 13.2 | 13.5 | 14.0 | 14.5 | 14.1 | **14.5** | 15.0 | 15.5 | 15.0 | 15.4 | 15.9 | 16.6 | 15.9 | 16.3 | 16.9 | 17.6 |
| | | Hi PR | 225 | 242 | 256 | 267 | 253 | 272 | 287 | 299 | 287 | 309 | 326 | 340 | 327 | **352** | 372 | 388 | 368 | 396 | 418 | 436 | 407 | 438 | 462 | 482 |
| | | Lo PR | 106 | 113 | 123 | 131 | 112 | 119 | 130 | 139 | 116 | 124 | 135 | 144 | 122 | **130** | 142 | 151 | 128 | 136 | 149 | 159 | 133 | 141 | 154 | 164 |
| | 1580 | MBh | 45.4 | 46.8 | 50.6 | 54.3 | 44.4 | 45.7 | 49.5 | 53.1 | 43.3 | 44.6 | 48.3 | 51.8 | 42.3 | 43.5 | 47.1 | 50.6 | 40.2 | 41.3 | 44.8 | 48.0 | 37.2 | 38.3 | 41.5 | 44.5 |
| | | S/T | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.88 | 0.79 | 0.59 | 0.38 | 0.91 | 0.81 | 0.61 | 0.39 | 0.94 | 0.84 | 0.64 | 0.41 | 0.95 | 0.85 | 0.64 | 0.41 |
| | | ΔT | 22 | 20 | 16 | 11 | 22 | 20 | 17 | 12 | 22 | 20 | 17 | 12 | 22 | 21 | 17 | 12 | 22 | 20 | 17 | 11 | 21 | 19 | 15 | 11 |
| | | kW | 2.77 | 2.83 | 2.93 | 3.02 | 2.99 | 3.06 | 3.16 | 3.27 | 3.19 | 3.26 | 3.37 | 3.49 | 3.36 | 3.44 | 3.56 | 3.68 | 3.51 | 3.59 | 3.71 | 3.84 | 3.63 | 3.72 | 3.85 | 3.98 |
| | | Amps | 11.2 | 11.5 | 11.9 | 12.3 | 12.2 | 12.5 | 12.9 | 13.4 | 13.2 | 13.6 | 14.0 | 14.6 | 14.2 | 14.5 | 15.0 | 15.6 | 15.1 | 15.5 | 16.0 | 16.6 | 16.0 | 16.4 | 17.0 | 17.6 |
| | | Hi PR | 226 | 243 | 257 | 268 | 253 | 273 | 288 | 300 | 288 | 310 | 327 | 341 | 328 | 353 | 373 | 389 | 369 | 397 | 419 | 438 | 408 | 439 | 463 | 483 |
| | | Lo PR | 106 | 113 | 124 | 132 | 112 | 120 | 131 | 139 | 117 | 124 | 136 | 144 | 123 | 131 | 142 | 152 | 129 | 137 | 149 | 159 | 133 | 141 | 154 | 165 |

IDB*: 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

Airflow may vary depending on actual ambient conditions and system operation modes.

| | | | 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 |
| 80 | 1300 | MBh | 45.1 | 46.1 | 49.2 | 52.6 | 44.1 | 45.0 | 48.1 | 51.4 | 43.0 | 43.9 | 46.9 | 50.2 | 42.0 | 42.9 | 45.8 | 49.0 | 39.9 | 40.7 | 43.5 | 46.5 | 36.9 | 37.7 | 40.3 | 43.1 |
| | | S/T | 0.86 | 0.80 | 0.65 | 0.49 | 0.89 | 0.83 | 0.68 | 0.51 | 0.91 | 0.85 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.98 | 0.92 | 0.74 | 0.56 | 0.98 | 0.92 | 0.75 | 0.56 |
| | | ΔT | 27 | 26 | 23 | 18 | 28 | 27 | 23 | 18 | 28 | 27 | 23 | 18 | 28 | 27 | 23 | 19 | 28 | 26 | 23 | 18 | 26 | 25 | 21 | 17 |
| | | kW | 2.75 | 2.81 | 2.90 | 3.00 | 2.97 | 3.04 | 3.14 | 3.24 | 3.16 | 3.23 | 3.34 | 3.46 | 3.33 | 3.41 | 3.52 | 3.65 | 3.48 | 3.56 | 3.68 | 3.81 | 3.60 | 3.69 | 3.81 | 3.95 |
| | | Amps | 11.1 | 11.4 | 11.8 | 12.2 | 12.0 | 12.3 | 12.8 | 13.2 | 13.1 | 13.4 | 13.9 | 14.4 | 14.0 | 14.4 | 14.9 | 15.4 | 14.9 | 15.3 | 15.8 | 16.4 | 15.8 | 16.2 | 16.8 | 17.4 |
| | | Hi PR | 223 | 240 | 254 | 265 | 251 | 270 | 285 | 297 | 285 | 307 | 324 | 338 | 325 | 350 | 369 | 385 | 365 | 393 | 415 | 433 | 404 | 434 | 459 | 479 |
| | | Lo PR | 105 | 112 | 122 | 130 | 111 | 118 | 129 | 138 | 116 | 123 | 134 | 143 | 121 | 129 | 141 | 150 | 127 | 135 | 148 | 157 | 132 | 140 | 153 | 163 |
| | 1440 | MBh | 45.8 | 46.8 | 50.0 | 53.4 | 44.7 | 45.7 | 48.8 | 52.2 | 43.7 | 44.6 | 47.7 | 51.0 | 42.6 | 43.5 | **46.5** | 49.7 | 40.5 | 41.3 | 44.2 | 47.2 | 37.5 | 38.3 | 40.9 | 43.7 |
| | | S/T | 0.89 | 0.83 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.53 | 0.94 | 0.89 | 0.72 | 0.54 | 0.97 | 0.91 | **0.74** | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 0.96 | 0.78 | 0.58 |
| | | ΔT | 26 | 25 | 22 | 17 | 26 | 25 | 22 | 18 | 26 | 25 | 22 | 18 | 27 | 25 | **22** | 18 | 26 | 25 | 22 | 17 | 24 | 23 | 20 | 16 |
| | | kW | 2.79 | 2.85 | 2.94 | 3.04 | 3.01 | 3.08 | 3.18 | 3.29 | 3.21 | 3.28 | 3.39 | 3.51 | 3.38 | 3.46 | **3.58** | 3.70 | 3.53 | 3.61 | 3.73 | 3.86 | 3.66 | 3.74 | 3.87 | 4.01 |
| | | Amps | 11.3 | 11.6 | 12.0 | 12.4 | 12.2 | 12.5 | 13.0 | 13.5 | 13.3 | 13.6 | 14.1 | 14.6 | 14.2 | 14.6 | **15.1** | 15.7 | 15.2 | 15.6 | 16.1 | 16.7 | 16.1 | 16.5 | 17.1 | 17.7 |
| | | Hi PR | 227 | 245 | 258 | 269 | 255 | 275 | 290 | 302 | 290 | 312 | 330 | 344 | 330 | 356 | **376** | 392 | 372 | 400 | 422 | 441 | 411 | 442 | 467 | 487 |
| | | Lo PR | 107 | 114 | 124 | 133 | 113 | 120 | 131 | 140 | 118 | 125 | 137 | 145 | 124 | 131 | **144** | 153 | 129 | 138 | 150 | 160 | 134 | 142 | 156 | 166 |
| | 1580 | MBh | 46.2 | 47.3 | 50.5 | 54.0 | 45.2 | 46.2 | 49.3 | 52.7 | 44.1 | 45.1 | 48.1 | 51.5 | 43.0 | 44.0 | 47.0 | 50.2 | 40.9 | 41.8 | 44.6 | 47.7 | 37.9 | 38.7 | 41.3 | 44.2 |
| | | S/T | 0.91 | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.96 | 0.90 | 0.74 | 0.55 | 1.00 | 0.93 | 0.76 | 0.57 | 1.00 | 0.97 | 0.79 | 0.59 | 1.00 | 0.98 | 0.79 | 0.59 |
| | | ΔT | 24 | 23 | 20 | 16 | 25 | 24 | 21 | 16 | 25 | 24 | 21 | 16 | 25 | 24 | 21 | 17 | 24 | 24 | 20 | 16 | 22 | 22 | 19 | 15 |
| | | kW | 2.80 | 2.86 | 2.95 | 3.05 | 3.02 | 3.09 | 3.19 | 3.30 | 3.22 | 3.29 | 3.40 | 3.52 | 3.39 | 3.47 | 3.59 | 3.71 | 3.54 | 3.62 | 3.74 | 3.87 | 3.67 | 3.75 | 3.88 | 4.02 |
| | | Amps | 11.3 | 11.6 | 12.0 | 12.5 | 12.3 | 12.6 | 13.0 | 13.5 | 13.4 | 13.7 | 14.1 | 14.7 | 14.3 | 14.6 | 15.1 | 15.7 | 15.2 | 15.6 | 16.1 | 16.8 | 16.1 | 16.5 | 17.1 | 17.8 |
| | | Hi PR | 228 | 245 | 259 | 270 | 256 | 275 | 291 | 303 | 291 | 313 | 331 | 345 | 331 | 357 | 377 | 393 | 373 | 401 | 424 | 442 | 412 | 443 | 468 | 488 |
| | | Lo PR | 107 | 114 | 125 | 133 | 114 | 121 | 132 | 140 | 118 | 126 | 137 | 146 | 124 | 132 | 144 | 153 | 130 | 138 | 151 | 161 | 134 | 143 | 156 | 166 |
| 85 | 1300 | MBh | 45.9 | 46.8 | 49.0 | 52.3 | 44.8 | 45.7 | 47.9 | 51.1 | 43.8 | 44.6 | 46.7 | 49.8 | 42.7 | 43.5 | 45.6 | 48.6 | 40.6 | 41.3 | 43.3 | 46.2 | 37.6 | 38.3 | 40.1 | 42.8 |
| | | S/T | 0.90 | 0.87 | 0.78 | 0.63 | 0.93 | 0.90 | 0.81 | 0.66 | 0.95 | 0.92 | 0.83 | 0.67 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.90 | 0.73 |
| | | ΔT | 29 | 29 | 27 | 23 | 30 | 29 | 27 | 24 | 30 | 29 | 27 | 24 | 30 | 29 | 28 | 24 | 29 | 29 | 27 | 24 | 27 | 27 | 25 | 22 |
| | | kW | 2.77 | 2.83 | 2.93 | 3.02 | 2.99 | 3.06 | 3.16 | 3.27 | 3.19 | 3.26 | 3.37 | 3.49 | 3.36 | 3.44 | 3.55 | 3.68 | 3.51 | 3.59 | 3.71 | 3.84 | 3.63 | 3.72 | 3.85 | 3.98 |
| | | Amps | 11.2 | 11.5 | 11.9 | 12.3 | 12.2 | 12.5 | 12.9 | 13.4 | 13.2 | 13.6 | 14.0 | 14.5 | 14.2 | 14.5 | 15.0 | 15.6 | 15.1 | 15.5 | 16.0 | 16.6 | 16.0 | 16.4 | 17.0 | 17.6 |
| | | Hi PR | 226 | 243 | 256 | 268 | 253 | 273 | 288 | 300 | 288 | 310 | 327 | 341 | 328 | 353 | 373 | 389 | 369 | 397 | 419 | 437 | 408 | 439 | 463 | 483 |
| | | Lo PR | 106 | 113 | 124 | 132 | 112 | 120 | 131 | 139 | 117 | 124 | 136 | 144 | 123 | 131 | 142 | 152 | 129 | 137 | 149 | 159 | 133 | 141 | 154 | 164 |
| | 1440 | MBh | 46.6 | 47.5 | 49.7 | 53.1 | 45.5 | 46.4 | 48.6 | 51.8 | 44.4 | 45.3 | 47.4 | 50.6 | 43.3 | 44.2 | 46.3 | 49.4 | 41.2 | 42.0 | 44.0 | 46.9 | 38.1 | 38.9 | 40.7 | 43.4 |
| | | S/T | 0.93 | 0.90 | 0.81 | 0.66 | 0.97 | 0.93 | 0.84 | 0.68 | 0.99 | 0.96 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.93 | 0.76 |
| | | ΔT | 28 | 27 | 26 | 22 | 28 | 28 | 26 | 23 | 28 | 28 | 26 | 23 | 28 | 28 | 26 | 23 | 26 | 27 | 26 | 22 | 24 | 25 | 24 | 21 |
| | | kW | 2.81 | 2.87 | 2.97 | 3.07 | 3.04 | 3.11 | 3.21 | 3.32 | 3.24 | 3.31 | 3.42 | 3.54 | 3.41 | 3.49 | 3.61 | 3.73 | 3.56 | 3.64 | 3.77 | 3.90 | 3.69 | 3.77 | 3.90 | 4.04 |
| | | Amps | 11.4 | 11.7 | 12.1 | 12.5 | 12.4 | 12.7 | 13.1 | 13.6 | 13.4 | 13.8 | 14.2 | 14.8 | 14.4 | 14.7 | 15.2 | 15.8 | 15.3 | 15.7 | 16.2 | 16.9 | 16.3 | 16.7 | 17.2 | 17.9 |
| | | Hi PR | 230 | 247 | 261 | 272 | 258 | 277 | 293 | 305 | 293 | 315 | 333 | 347 | 334 | 359 | 379 | 396 | 375 | 404 | 427 | 445 | 415 | 446 | 471 | 492 |
| | | Lo PR | 108 | 115 | 126 | 134 | 114 | 122 | 133 | 141 | 119 | 126 | 138 | 147 | 125 | 133 | 145 | 154 | 131 | 139 | 152 | 162 | 135 | 144 | 157 | 167 |
| | 1580 | MBh | 47.1 | 48.0 | 50.2 | 53.6 | 46.0 | 46.8 | 49.1 | 52.3 | 44.9 | 45.7 | 47.9 | 51.1 | 43.8 | 44.6 | 46.7 | 49.9 | 41.6 | 42.4 | 44.4 | 47.4 | 38.5 | 39.3 | 41.1 | 43.9 |
| | | S/T | 0.95 | 0.92 | 0.83 | 0.67 | 0.98 | 0.95 | 0.86 | 0.70 | 1.00 | 0.97 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.95 | 0.77 |
| | | ΔT | 26 | 26 | 24 | 21 | 26 | 26 | 24 | 21 | 26 | 26 | 25 | 21 | 25 | 26 | 25 | 21 | 24 | 25 | 24 | 21 | 22 | 23 | 23 | 20 |
| | | kW | 2.82 | 2.88 | 2.98 | 3.08 | 3.05 | 3.11 | 3.22 | 3.33 | 3.24 | 3.32 | 3.43 | 3.55 | 3.42 | 3.50 | 3.62 | 3.74 | 3.57 | 3.65 | 3.78 | 3.91 | 3.70 | 3.78 | 3.91 | 4.05 |
| | | Amps | 11.4 | 11.7 | 12.1 | 12.6 | 12.4 | 12.7 | 13.1 | 13.6 | 13.5 | 13.8 | 14.3 | 14.8 | 14.4 | 14.8 | 15.3 | 15.9 | 15.4 | 15.7 | 16.3 | 16.9 | 16.3 | 16.7 | 17.3 | 17.9 |
| | | Hi PR | 230 | 248 | 262 | 273 | 258 | 278 | 294 | 306 | 294 | 316 | 334 | 348 | 335 | 360 | 380 | 397 | 377 | 405 | 428 | 446 | 416 | 448 | 473 | 493 |
| | | Lo PR | 109 | 115 | 126 | 134 | 115 | 122 | 133 | 142 | 119 | 127 | 138 | 147 | 125 | 133 | 145 | 155 | 131 | 140 | 152 | 162 | 136 | 144 | 158 | 168 |

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB* | Airflow | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 1390 | MBh | 53.3 | 54.1 | 55.7 | - | 52.8 | 53.6 | 55.2 | - | 51.4 | 52.2 | 53.8 | - | 49.0 | 49.8 | 51.4 | - | 46.1 | 46.9 | 48.4 | - | 43.4 | 44.2 | 45.8 | - |
| | | S/T | 0.58 | 0.50 | 0.37 | - | 0.58 | 0.51 | 0.38 | - | 0.61 | 0.53 | 0.40 | - | 0.63 | 0.55 | 0.42 | - | 1.00 | 0.57 | 0.44 | - | 1.00 | 0.62 | 0.49 | - |
| | | ΔT | 21 | 19 | 15 | - | 21 | 19 | 15 | - | 21 | 19 | 15 | - | 21 | 19 | 15 | - | 20 | 18 | 15 | - | 21 | 20 | 16 | - |
| | | kW | 3.14 | 3.14 | 3.13 | - | 3.57 | 3.56 | 3.56 | - | 4.04 | 4.04 | 4.03 | - | 4.55 | 4.55 | 4.54 | - | 5.12 | 5.12 | 5.11 | - | 5.79 | 5.79 | 5.78 | - |
| | | Amps | 12.2 | 12.2 | 12.2 | - | 14.1 | 14.0 | 14.0 | - | 16.1 | 16.1 | 16.1 | - | 18.3 | 18.3 | 18.3 | - | 20.8 | 20.8 | 20.8 | - | 23.7 | 23.7 | 23.7 | - |
| | | Hi PR | 254 | 255 | 257 | - | 294 | 295 | 297 | - | 336 | 337 | 339 | - | 382 | 383 | 384 | - | 430 | 431 | 433 | - | 482 | 484 | 485 | - |
| | | Lo PR | 120 | 121 | 124 | - | 127 | 128 | 131 | - | 133 | 135 | 138 | - | 139 | 140 | 143 | - | 144 | 145 | 149 | - | 151 | 152 | 155 | - |
| | 1630 | MBh | 54.1 | 54.9 | 56.5 | - | 53.6 | 54.4 | 56.0 | - | 52.2 | 53.0 | 54.6 | - | 49.8 | 50.6 | 52.2 | - | 46.9 | 47.7 | 49.3 | - | 44.2 | 45.0 | 46.6 | - |
| | | S/T | 0.65 | 0.58 | 0.44 | - | 0.66 | 0.58 | 0.45 | - | 0.68 | 0.61 | 0.47 | - | 0.70 | 0.63 | 0.49 | - | 1.00 | 0.65 | 0.51 | - | 1.00 | 0.70 | 0.56 | - |
| | | ΔT | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 18 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 20 | 18 | 15 | - |
| | | kW | 3.17 | 3.17 | 3.16 | - | 3.59 | 3.59 | 3.58 | - | 4.07 | 4.06 | 4.06 | - | 4.58 | 4.57 | 4.57 | - | 5.15 | 5.14 | 5.14 | - | 5.82 | 5.81 | 5.81 | - |
| | | Amps | 12.3 | 12.3 | 12.3 | - | 14.2 | 14.2 | 14.1 | - | 16.2 | 16.2 | 16.2 | - | 18.4 | 18.4 | 18.4 | - | 20.9 | 20.9 | 20.9 | - | 23.8 | 23.8 | 23.8 | - |
| | | Hi PR | 257 | 258 | 259 | - | 297 | 298 | 300 | - | 339 | 340 | 342 | - | 384 | 385 | 387 | - | 433 | 434 | 436 | - | 485 | 486 | 488 | - |
| | | Lo PR | 122 | 123 | 126 | - | 129 | 130 | 134 | - | 135 | 137 | 140 | - | 141 | 142 | 145 | - | 146 | 148 | 151 | - | 153 | 154 | 157 | - |
| | 1870 | MBh | 55.1 | 55.9 | 57.5 | - | 54.6 | 55.4 | 57.0 | - | 53.3 | 54.0 | 55.6 | - | 50.9 | 51.6 | 53.2 | - | 47.9 | 48.7 | 50.3 | - | 45.2 | 46.0 | 47.6 | - |
| | | S/T | 0.69 | 0.61 | 0.48 | - | 0.69 | 0.62 | 0.49 | - | 0.72 | 0.64 | 0.51 | - | 0.74 | 0.66 | 0.53 | - | 1.00 | 0.68 | 0.55 | - | 1.00 | 0.73 | 0.60 | - |
| | | ΔT | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 19 | 17 | 14 | - |
| | | kW | 3.19 | 3.19 | 3.18 | - | 3.62 | 3.61 | 3.60 | - | 4.09 | 4.08 | 4.08 | - | 4.60 | 4.59 | 4.59 | - | 5.17 | 5.17 | 5.16 | - | 5.84 | 5.84 | 5.83 | - |
| | | Amps | 12.4 | 12.4 | 12.4 | - | 14.3 | 14.3 | 14.2 | - | 16.3 | 16.3 | 16.3 | - | 18.5 | 18.5 | 18.5 | - | 21.0 | 21.0 | 21.0 | - | 23.9 | 23.9 | 23.9 | - |
| | | Hi PR | 259 | 260 | 262 | - | 299 | 300 | 302 | - | 341 | 342 | 344 | - | 387 | 388 | 389 | - | 435 | 436 | 438 | - | 488 | 489 | 490 | - |
| | | Lo PR | 124 | 125 | 129 | - | 131 | 133 | 136 | - | 138 | 139 | 142 | - | 143 | 145 | 148 | - | 148 | 150 | 153 | - | 155 | 157 | 160 | - |
| 75 | 1390 | MBh | 53.3 | 54.1 | 55.7 | 58.1 | 52.9 | 53.6 | 55.2 | 57.6 | 51.5 | 52.2 | 53.8 | 56.2 | 49.1 | 49.8 | 51.4 | 53.8 | 46.1 | 46.9 | 48.5 | 50.9 | 43.4 | 44.2 | 45.8 | 48.2 |
| | | S/T | 0.70 | 0.63 | 0.50 | 0.36 | 0.71 | 0.64 | 0.50 | 0.36 | 1.00 | 0.66 | 0.53 | 0.39 | 1.00 | 0.68 | 0.55 | 0.41 | 1.00 | 0.70 | 0.57 | 0.43 | 1.00 | 0.75 | 0.62 | 0.48 |
| | | ΔT | 25 | 23 | 19 | 16 | 25 | 23 | 19 | 16 | 25 | 23 | 20 | 16 | 25 | 23 | 19 | 16 | 24 | 23 | 19 | 15 | 26 | 24 | 20 | 17 |
| | | kW | 3.14 | 3.14 | 3.13 | 3.16 | 3.56 | 3.56 | 3.55 | 3.59 | 4.04 | 4.03 | 4.03 | 4.06 | 4.55 | 4.54 | 4.54 | 4.57 | 5.12 | 5.11 | 5.11 | 5.14 | 5.79 | 5.78 | 5.78 | 5.81 |
| | | Amps | 12.2 | 12.2 | 12.2 | 12.3 | 14.0 | 14.0 | 14.0 | 14.1 | 16.1 | 16.1 | 16.1 | 16.2 | 18.3 | 18.3 | 18.3 | 18.4 | 20.8 | 20.8 | 20.8 | 20.9 | 23.7 | 23.7 | 23.7 | 23.8 |
| | | Hi PR | 254 | 255 | 257 | 262 | 294 | 296 | 297 | 302 | 336 | 338 | 339 | 344 | 382 | 383 | 385 | 389 | 431 | 432 | 433 | 438 | 483 | 484 | 486 | 490 |
| | | Lo PR | 120 | 121 | 124 | 129 | 127 | 128 | 131 | 137 | 133 | 135 | 138 | 143 | 139 | 140 | 143 | 148 | 144 | 146 | 149 | 154 | 151 | 152 | 155 | 160 |
| | 1630 | MBh | 54.1 | 54.9 | 56.5 | 58.9 | 53.7 | 54.4 | 56.0 | 58.5 | 52.3 | 53.0 | 54.6 | 57.1 | 49.9 | **50.6** | 52.2 | 54.7 | 46.9 | 47.7 | 49.3 | 51.7 | 44.3 | 45.0 | 46.6 | 49.1 |
| | | S/T | 0.78 | 0.70 | 0.57 | 0.43 | 0.78 | 0.71 | 0.58 | 0.44 | 1.00 | 0.73 | 0.60 | 0.46 | 1.00 | **0.75** | 0.62 | 0.48 | 1.00 | 0.77 | 0.64 | 0.50 | 1.00 | 0.82 | 0.69 | 0.55 |
| | | ΔT | 23 | 22 | 18 | 14 | 23 | 21 | 18 | 14 | 24 | 22 | 18 | 15 | 23 | **21** | 18 | 14 | 23 | 21 | 18 | 14 | 24 | 22 | 19 | 15 |
| | | kW | 3.17 | 3.17 | 3.16 | 3.19 | 3.59 | 3.59 | 3.58 | 3.61 | 4.06 | 4.06 | 4.05 | 4.08 | 4.57 | **4.57** | 4.56 | 4.60 | 5.14 | 5.14 | 5.13 | 5.17 | 5.81 | 5.81 | 5.80 | 5.84 |
| | | Amps | 12.3 | 12.3 | 12.3 | 12.4 | 14.2 | 14.1 | 14.1 | 14.3 | 16.2 | 16.2 | 16.2 | 16.3 | 18.4 | **18.4** | 18.4 | 18.5 | 20.9 | 20.9 | 20.9 | 21.0 | 23.8 | 23.8 | 23.8 | 23.9 |
| | | Hi PR | 257 | 258 | 260 | 264 | 297 | 298 | 300 | 304 | 339 | 340 | 342 | 346 | 384 | **385** | 387 | 392 | 433 | 434 | 436 | 440 | 485 | 486 | 488 | 493 |
| | | Lo PR | 122 | 123 | 126 | 131 | 129 | 130 | 134 | 139 | 135 | 137 | 140 | 145 | 141 | **142** | 145 | 150 | 146 | 148 | 151 | 156 | 153 | 154 | 157 | 162 |
| | 1870 | MBh | 55.2 | 55.9 | 57.5 | 59.9 | 54.7 | 55.4 | 57.0 | 59.5 | 53.3 | 54.0 | 55.6 | 58.1 | 50.9 | 51.6 | 53.2 | 55.7 | 48.0 | 48.7 | 50.3 | 52.7 | 45.3 | 46.0 | 47.6 | 50.1 |
| | | S/T | 0.81 | 0.74 | 0.61 | 0.47 | 0.82 | 0.74 | 0.61 | 0.47 | 1.00 | 0.77 | 0.64 | 0.50 | 1.00 | 0.79 | 0.66 | 0.52 | 1.00 | 0.81 | 0.68 | 0.54 | 1.00 | 1.00 | 0.73 | 0.59 |
| | | ΔT | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 21 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 23 | 21 | 18 | 14 |
| | | kW | 3.19 | 3.19 | 3.18 | 3.21 | 3.61 | 3.61 | 3.60 | 3.63 | 4.08 | 4.08 | 4.07 | 4.11 | 4.60 | 4.59 | 4.58 | 4.62 | 5.17 | 5.16 | 5.16 | 5.19 | 5.84 | 5.83 | 5.83 | 5.86 |
| | | Amps | 12.4 | 12.4 | 12.4 | 12.5 | 14.3 | 14.2 | 14.2 | 14.3 | 16.3 | 16.3 | 16.3 | 16.4 | 18.5 | 18.5 | 18.5 | 18.6 | 21.0 | 21.0 | 21.0 | 21.1 | 23.9 | 23.9 | 23.9 | 24.0 |
| | | | 259 | 260 | 262 | 267 | 299 | 301 | 302 | 307 | 341 | 343 | 344 | 349 | 387 | 388 | 390 | 394 | 436 | 437 | 439 | 443 | 488 | 489 | 491 | 495 |
| | | Lo PR | 124 | 126 | 129 | 134 | 131 | 133 | 136 | 141 | 138 | 139 | 142 | 147 | 143 | 145 | 148 | 153 | 148 | 150 | 153 | 158 | 155 | 157 | 160 | 165 |

IDB*: 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

Airflow may vary depending on actual ambient conditions and system operation modes.

| | | | 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 |
| 80 | 1390 | MBh | 53.6 | 54.4 | 56.0 | 58.4 | 53.1 | 53.9 | 55.5 | 57.9 | 51.7 | 52.5 | 54.1 | 56.5 | 49.3 | 50.1 | 51.7 | 54.1 | 46.4 | 47.2 | 48.8 | 51.2 | 43.7 | 44.5 | 46.1 | 48.5 |
| | | S/T | 0.83 | 0.75 | 0.62 | 0.48 | 1.00 | 0.76 | 0.63 | 0.49 | 1.00 | 0.78 | 0.65 | 0.51 | 1.00 | 0.80 | 0.67 | 0.53 | 1.00 | 1.00 | 0.69 | 0.55 | 1.00 | 1.00 | 0.74 | 0.60 |
| | | ΔT | 29 | 27 | 24 | 20 | 29 | 27 | 23 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 23 | 20 | 29 | 27 | 23 | 20 | 30 | 28 | 24 | 21 |
| | | kW | 3.14 | 3.14 | 3.13 | 3.17 | 3.57 | 3.56 | 3.56 | 3.59 | 4.04 | 4.04 | 4.03 | 4.06 | 4.55 | 4.55 | 4.54 | 4.57 | 5.12 | 5.12 | 5.11 | 5.14 | 5.79 | 5.79 | 5.78 | 5.81 |
| | | Amps | 12.2 | 12.2 | 12.2 | 12.3 | 14.1 | 14.0 | 14.0 | 14.2 | 16.1 | 16.1 | 16.1 | 16.2 | 18.3 | 18.3 | 18.3 | 18.4 | 20.8 | 20.8 | 20.8 | 20.9 | 23.7 | 23.7 | 23.7 | 23.8 |
| | | Hi PR | 255 | 256 | 258 | 262 | 295 | 296 | 298 | 302 | 337 | 338 | 340 | 344 | 382 | 383 | 385 | 390 | 431 | 432 | 434 | 438 | 483 | 484 | 486 | 490 |
| | | Lo PR | 120 | 122 | 125 | 130 | 127 | 129 | 132 | 137 | 134 | 135 | 138 | 144 | 139 | 141 | 144 | 149 | 145 | 146 | 149 | 154 | 151 | 153 | 156 | 161 |
| | 1630 | MBh | 54.4 | 55.2 | 56.8 | 59.2 | 53.9 | 54.7 | 56.3 | 58.7 | 52.5 | 53.3 | 54.9 | 57.3 | 50.2 | 50.9 | **52.5** | 54.9 | 47.2 | 48.0 | 49.6 | 52.0 | 44.5 | 45.3 | 46.9 | 49.3 |
| | | S/T | 0.90 | 0.82 | 0.69 | 0.55 | 1.00 | 0.83 | 0.70 | 0.56 | 1.00 | 0.85 | 0.72 | 0.58 | 1.00 | 0.87 | **0.74** | 0.60 | 1.00 | 1.00 | 0.76 | 0.62 | 1.00 | 1.00 | 0.81 | 0.67 |
| | | ΔT | 28 | 26 | 22 | 19 | 28 | 26 | 22 | 18 | 28 | 26 | 22 | 19 | 27 | 26 | **22** | 18 | 27 | 25 | 22 | 18 | 28 | 27 | 23 | 19 |
| | | kW | 3.17 | 3.17 | 3.16 | 3.19 | 3.59 | 3.59 | 3.58 | 3.62 | 4.07 | 4.06 | 4.05 | 4.09 | 4.58 | 4.57 | **4.57** | 4.60 | 5.15 | 5.14 | 5.14 | 5.17 | 5.82 | 5.81 | 5.81 | 5.84 |
| | | Amps | 12.3 | 12.3 | 12.3 | 12.4 | 14.2 | 14.2 | 14.1 | 14.3 | 16.2 | 16.2 | 16.2 | 16.3 | 18.4 | 18.4 | **18.4** | 18.5 | 20.9 | 20.9 | 20.9 | 21.0 | 23.8 | 23.8 | 23.8 | 23.9 |
| | | Hi PR | 257 | 258 | 260 | 265 | 297 | 299 | 300 | 305 | 339 | 341 | 342 | 347 | 385 | 386 | **388** | 392 | 434 | 435 | 437 | 441 | 486 | 487 | 489 | 493 |
| | | Lo PR | 122 | 124 | 127 | 132 | 130 | 131 | 134 | 139 | 136 | 137 | 140 | 146 | 141 | 143 | **146** | 151 | 147 | 148 | 151 | 156 | 153 | 155 | 158 | 163 |
| | 1870 | MBh | 55.4 | 56.2 | 57.8 | 60.2 | 55.0 | 55.7 | 57.3 | 59.7 | 53.6 | 54.3 | 55.9 | 58.3 | 51.2 | 51.9 | 53.5 | 55.9 | 48.2 | 49.0 | 50.6 | 53.0 | 45.5 | 46.3 | 47.9 | 50.3 |
| | | S/T | 1.00 | 0.86 | 0.73 | 0.59 | 1.00 | 0.87 | 0.73 | 0.59 | 1.00 | 0.89 | 0.76 | 0.62 | 1.00 | 0.91 | 0.78 | 0.64 | 1.00 | 1.00 | 0.80 | 0.66 | 1.00 | 1.00 | 0.85 | 0.71 |
| | | ΔT | 26 | 25 | 21 | 17 | 26 | 25 | 21 | 17 | 27 | 25 | 21 | 18 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 27 | 25 | 22 | 18 |
| | | kW | 3.19 | 3.19 | 3.18 | 3.21 | 3.61 | 3.61 | 3.60 | 3.64 | 4.09 | 4.08 | 4.08 | 4.11 | 4.60 | 4.59 | 4.59 | 4.62 | 5.17 | 5.16 | 5.16 | 5.19 | 5.84 | 5.83 | 5.83 | 5.86 |
| | | Amps | 12.4 | 12.4 | 12.4 | 12.5 | 14.3 | 14.2 | 14.2 | 14.4 | 16.3 | 16.3 | 16.3 | 16.4 | 18.5 | 18.5 | 18.5 | 18.6 | 21.0 | 21.0 | 21.0 | 21.1 | 23.9 | 23.9 | 23.9 | 24.0 |
| | | Hi PR | 260 | 261 | 263 | 267 | 300 | 301 | 303 | 307 | 342 | 343 | 345 | 349 | 387 | 388 | 390 | 395 | 436 | 437 | 439 | 443 | 488 | 489 | 491 | 496 |
| | | Lo PR | 125 | 126 | 129 | 134 | 132 | 133 | 136 | 142 | 138 | 140 | 143 | 148 | 144 | 145 | 148 | 153 | 149 | 150 | 153 | 159 | 156 | 157 | 160 | 165 |
| 85 | 1390 | MBh | 54.5 | 55.3 | 56.9 | 59.3 | 54.0 | 54.8 | 56.4 | 58.8 | 52.6 | 53.4 | 55.0 | 57.4 | 50.2 | 51.0 | 52.6 | 55.0 | 47.3 | 48.1 | 49.7 | 52.1 | 44.6 | 45.4 | 47.0 | 49.4 |
| | | S/T | 1.00 | 0.85 | 0.72 | 0.58 | 1.00 | 0.86 | 0.72 | 0.59 | 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 | 0.84 | 0.70 |
| | | ΔT | 33 | 31 | 27 | 24 | 33 | 31 | 27 | 24 | 33 | 31 | 27 | 24 | 33 | 31 | 27 | 24 | 32 | 30 | 27 | 23 | 33 | 32 | 28 | 24 |
| | | kW | 3.15 | 3.15 | 3.14 | 3.17 | 3.58 | 3.57 | 3.56 | 3.60 | 4.05 | 4.04 | 4.04 | 4.07 | 4.56 | 4.55 | 4.55 | 4.58 | 5.13 | 5.13 | 5.12 | 5.15 | 5.80 | 5.79 | 5.79 | 5.82 |
| | | Amps | 12.3 | 12.2 | 12.2 | 12.3 | 14.1 | 14.1 | 14.0 | 14.2 | 16.1 | 16.1 | 16.1 | 16.2 | 18.4 | 18.4 | 18.3 | 18.5 | 20.8 | 20.8 | 20.8 | 20.9 | 23.8 | 23.7 | 23.7 | 23.9 |
| | | Hi PR | 256 | 257 | 259 | 263 | 296 | 297 | 299 | 303 | 338 | 339 | 341 | 345 | 383 | 385 | 386 | 391 | 432 | 433 | 435 | 440 | 484 | 485 | 487 | 492 |
| | | Lo PR | 122 | 123 | 127 | 132 | 129 | 131 | 134 | 139 | 136 | 137 | 140 | 145 | 141 | 143 | 146 | 151 | 146 | 148 | 151 | 156 | 153 | 154 | 158 | 163 |
| | 1630 | MBh | 55.3 | 56.1 | 57.7 | 60.1 | 54.8 | 55.6 | 57.2 | 59.6 | 53.4 | 54.2 | 55.8 | 58.2 | 51.1 | 51.8 | 53.4 | 55.8 | 48.1 | 48.9 | 50.5 | 52.9 | 45.4 | 46.2 | 47.8 | 50.2 |
| | | S/T | 1.00 | 0.92 | 0.79 | 0.65 | 1.00 | 0.93 | 0.80 | 0.66 | 1.00 | 1.00 | 0.82 | 0.68 | 1.00 | 1.00 | 0.84 | 0.70 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 1.00 | 0.77 |
| | | ΔT | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 31 | 30 | 26 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 32 | 30 | 27 | 23 |
| | | kW | 3.18 | 3.18 | 3.17 | 3.20 | 3.60 | 3.60 | 3.59 | 3.62 | 4.07 | 4.07 | 4.06 | 4.10 | 4.58 | 4.58 | 4.57 | 4.61 | 5.15 | 5.15 | 5.14 | 5.18 | 5.82 | 5.82 | 5.81 | 5.85 |
| | | Amps | 12.4 | 12.4 | 12.3 | 12.5 | 14.2 | 14.2 | 14.2 | 14.3 | 16.3 | 16.2 | 16.2 | 16.4 | 18.5 | 18.5 | 18.4 | 18.6 | 21.0 | 20.9 | 20.9 | 21.1 | 23.9 | 23.9 | 23.8 | 24.0 |
| | | Hi PR | 258 | 260 | 261 | 266 | 299 | 300 | 302 | 306 | 341 | 342 | 344 | 348 | 386 | 387 | 389 | 393 | 435 | 436 | 438 | 442 | 487 | 488 | 490 | 494 |
| | | Lo PR | 124 | 126 | 129 | 134 | 131 | 133 | 136 | 141 | 138 | 139 | 142 | 147 | 143 | 145 | 148 | 153 | 148 | 150 | 153 | 158 | 155 | 157 | 160 | 165 |
| | 1870 | MBh | 56.3 | 57.1 | 58.7 | 61.1 | 55.9 | 56.6 | 58.2 | 60.6 | 54.5 | 55.2 | 56.8 | 59.2 | 52.1 | 52.8 | 54.4 | 56.8 | 49.1 | 49.9 | 51.5 | 53.9 | 46.4 | 47.2 | 48.8 | 51.2 |
| | | S/T | 1.00 | 0.96 | 0.83 | 0.69 | 1.00 | 0.97 | 0.83 | 0.69 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 0.88 | 0.74 | 1.00 | 1.00 | 0.90 | 0.76 | 1.00 | 1.00 | 1.00 | 0.81 |
| | | ΔT | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 24 | 21 | 31 | 29 | 26 | 22 |
| | | kW | 3.20 | 3.20 | 3.19 | 3.22 | 3.62 | 3.62 | 3.61 | 3.64 | 4.09 | 4.09 | 4.08 | 4.12 | 4.61 | 4.60 | 4.60 | 4.63 | 5.18 | 5.17 | 5.17 | 5.20 | 5.85 | 5.84 | 5.84 | 5.87 |
| | | Amps | 12.5 | 12.4 | 12.4 | 12.6 | 14.3 | 14.3 | 14.3 | 14.4 | 16.4 | 16.3 | 16.3 | 16.4 | 18.6 | 18.6 | 18.5 | 18.7 | 21.1 | 21.0 | 21.0 | 21.1 | 24.0 | 24.0 | 23.9 | 24.1 |
| | | Hi PR | 261 | 262 | 264 | 268 | 301 | 302 | 304 | 308 | 343 | 344 | 346 | 350 | 388 | 390 | 391 | 396 | 437 | 438 | 440 | 445 | 489 | 491 | 492 | 497 |
| | | Lo PR | 126 | 128 | 131 | 136 | 134 | 135 | 138 | 143 | 140 | 142 | 145 | 150 | 145 | 147 | 150 | 155 | 151 | 152 | 155 | 160 | 157 | 159 | 162 | 167 |

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

**DZ20VC0241B* / CA*F3642*6D* + MBVC1200**-1A*+TXV**

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 | -10 |
| MBh | 29.7 | 28.1 | 26.4 | 24.7 | 23.6 | 22.9 | 21.2 | 21.3 | 18.9 | 17.5 | 16.4 | 15.2 | 14.0 | 12.7 | 11.4 | 10.3 | 8.9 | 7.1 |
| T/R | 38 | 36 | 34 | 32 | 30 | 29 | 27 | 27 | 24 | 22 | 21 | 20 | 18 | 16 | 15 | 13 | 11 | 9 |
| kW | 2.03 | 1.96 | 1.97 | 1.92 | 1.87 | 1.86 | 1.79 | 2.01 | 1.91 | 1.86 | 1.85 | 1.82 | 1.74 | 1.65 | 1.60 | 1.56 | 1.51 | 1.39 |
| Amps | 8.5 | 8.1 | 8.2 | 8.0 | 7.7 | 7.7 | 7.4 | 8.4 | 7.9 | 7.7 | 7.7 | 7.5 | 7.2 | 6.8 | 6.6 | 6.4 | 6.2 | 5.7 |
| COP | 4.28 | 4.20 | 3.94 | 3.78 | 3.70 | 3.61 | 3.48 | 3.10 | 2.90 | 2.75 | 2.60 | 2.45 | 2.36 | 2.25 | 2.09 | 1.93 | 1.72 | 1.50 |
| HI PR | 486 | 467 | 452 | 439 | 427 | 421 | 410 | 323 | 312 | 304 | 296 | 292 | 288 | 281 | 274 | 268 | 262 | 256 |
| LO PR | 150 | 138 | 127 | 118 | 109 | 108 | 99 | 91 | 83 | 75 | 68 | 61 | 61 | 54 | 48 | 42 | 36 | 31 |

**DZ20VC0361B* / CA*F3743*6D* + MBVC1600**-1A*+TXV**

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 | -10 |
| MBh | 44.0 | 41.7 | 39.2 | 36.6 | 35.0 | 33.9 | 31.5 | 38.8 | 35.9 | 33.1 | 30.5 | 28.8 | 27.7 | 24.9 | 22.1 | 19.2 | 16.4 | 13.4 |
| T/R | 35 | 33 | 31 | 29 | 28 | 27 | 25 | 31 | 29 | 26 | 24 | 23 | 22 | 20 | 18 | 15 | 13 | 11 |
| kW | 2.66 | 2.61 | 2.56 | 2.51 | 2.48 | 2.46 | 2.41 | 4.06 | 3.97 | 3.87 | 3.77 | 3.72 | 3.68 | 3.58 | 3.48 | 3.39 | 3.29 | 3.19 |
| Amps | 10.8 | 10.5 | 10.3 | 10.1 | 10.0 | 9.9 | 9.7 | 16.9 | 16.4 | 16.0 | 15.6 | 15.3 | 15.2 | 14.7 | 14.3 | 13.9 | 13.5 | 13.1 |
| COP | 4.84 | 4.67 | 4.49 | 4.28 | 4.14 | 4.04 | 3.83 | 2.80 | 2.65 | 2.51 | 2.37 | 2.27 | 2.21 | 2.04 | 1.86 | 1.67 | 1.46 | 1.24 |
| HI PR | 389 | 373 | 358 | 343 | 335 | 328 | 316 | 303 | 290 | 277 | 266 | 260 | 255 | 245 | 236 | 226 | 218 | 210 |
| LO PR | 146 | 136 | 127 | 117 | 110 | 106 | 98 | 87 | 78 | 70 | 62 | 57 | 55 | 47 | 40 | 34 | 30 | 23 |

**DZ20VC0481B* / CA*F4961*6D* + MBVC2000**-1A*+TXV**

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 | -10 |
| MBh | 58.3 | 54.6 | 50.9 | 47.3 | 45.0 | 43.3 | 39.0 | 45.5 | 42.4 | 39.1 | 36.0 | 34.0 | 32.7 | 29.4 | 26.0 | 22.7 | 19.4 | 15.9 |
| T/R | 36 | 34 | 32 | 30 | 29 | 28 | 25 | 29 | 27 | 25 | 23 | 22 | 21 | 19 | 17 | 15 | 12 | 10 |
| kW | 3.80 | 3.73 | 3.66 | 3.59 | 3.55 | 3.52 | 3.45 | 4.57 | 4.46 | 4.34 | 4.22 | 4.15 | 4.11 | 3.99 | 3.87 | 3.75 | 3.63 | 3.52 |
| Amps | 14.2 | 13.9 | 13.6 | 13.3 | 13.1 | 13.0 | 12.7 | 18.7 | 18.2 | 17.7 | 17.2 | 16.9 | 16.7 | 16.2 | 15.7 | 15.2 | 14.6 | 14.1 |
| COP | 4.49 | 4.29 | 4.08 | 3.86 | 3.72 | 3.61 | 3.32 | 2.91 | 2.79 | 2.64 | 2.50 | 2.40 | 2.34 | 2.16 | 1.97 | 1.77 | 1.56 | 1.32 |
| HI PR | 378 | 366 | 354 | 341 | 334 | 329 | 317 | 302 | 289 | 276 | 265 | 259 | 254 | 245 | 235 | 226 | 218 | 210 |
| LO PR | 139 | 131 | 122 | 113 | 108 | 105 | 96 | 85 | 77 | 69 | 60 | 56 | 54 | 46 | 39 | 33 | 29 | 23 |

**DZ20VC0601C* / CA*F4961*6D* + MBVC2000**-1A*+TXV**

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 | -10 |
| MBh | 63.2 | 59.5 | 55.9 | 52.3 | 50.0 | 48.3 | 44.2 | 47.6 | 43.6 | 40.6 | 38.5 | 37.3 | 35.8 | 32.1 | 28.3 | 24.6 | 20.8 | 17.1 |
| T/R | 35 | 33 | 31 | 29 | 28 | 28 | 25 | 27 | 25 | 23 | 22 | 21 | 20 | 18 | 16 | 14 | 12 | 10 |
| kW | 4.29 | 4.20 | 4.12 | 4.03 | 3.98 | 3.95 | 3.86 | 4.96 | 4.83 | 4.69 | 4.56 | 4.48 | 4.42 | 4.29 | 4.15 | 4.02 | 3.89 | 3.75 |
| Amps | 16.1 | 15.7 | 15.3 | 14.9 | 14.7 | 14.6 | 14.2 | 19.0 | 18.4 | 17.8 | 17.2 | 16.9 | 16.6 | 16.0 | 15.5 | 14.9 | 14.3 | 13.7 |
| COP | 4.32 | 4.15 | 3.98 | 3.80 | 3.68 | 3.59 | 3.35 | 2.81 | 2.65 | 2.54 | 2.47 | 2.44 | 2.37 | 2.19 | 2.00 | 1.79 | 1.57 | 1.33 |
| HI PR | 381 | 369 | 356 | 344 | 337 | 332 | 319 | 331 | 318 | 305 | 291 | 283 | 278 | 264 | 251 | 238 | 224 | 211 |
| LO PR | 140 | 131 | 122 | 114 | 109 | 105 | 96 | 86 | 77 | 69 | 60 | 55 | 52 | 43 | 35 | 26 | 18 | 9 |

High pressure is measured at the suction service valve ( the larger valve).

Low pressure is measured at the gauge port connection.

Amps = Outdoor unit amps (comp.+fan)

Calculations are based on 70 °F indoor dry bulb.

kW = Total system power

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

**DZ20VC0241B* / CA*F3642*6D* + MBVC1200**-1A* + TXV**
**Design Subcooling @ AHRI 95 °F Conditions, 7-9 °F**
**@ the Serv. Vlv. - 100% Demand**

| Outdoor Temp °F | Total BTU/h | Sensible BTU/h | Latent BTU/h | Total Watts |
|---|---|---|---|---|
| 75° | 24,600 | 17,200 | 7,400 | 1,590 |
| 80° | 24,300 | 17,100 | 7,200 | 1,645 |
| 85° | 24,000 | 17,000 | 7,000 | 1,700 |
| 90° | 23,700 | 17,200 | 6,500 | 1,750 |
| **95°** | **23,400** | **17,300** | **6,100** | **1,800** |
| 100° | 22,800 | 17,100 | 5,700 | 1,840 |
| 105° | 22,200 | 16,900 | 5,300 | 1,880 |
| 110° | 21,400 | 16,400 | 5,000 | 1,915 |
| 115° | 20,600 | 15,900 | 4,700 | 1,950 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **21,700** | **17,100** | **4,600** | **1,720** |

**DZ20VC0481B* / CA*F4961*6D* + MBVC2000**-1A* + TXV**
**Design Subcooling @ AHRI 95 °F Conditions, 7-9 °F**
**@ the Serv. Vlv. - 100% Demand**

| Outdoor Temp °F | Total BTU/h | Sensible BTU/h | Latent BTU/h | Total Watts |
|---|---|---|---|---|
| 75° | 48,800 | 34,200 | 14,600 | 3,180 |
| 80° | 48,300 | 34,300 | 14,000 | 3,285 |
| 85° | 47,700 | 34,300 | 13,400 | 3,390 |
| 90° | 47,100 | 34,400 | 12,700 | 3,485 |
| **95°** | **46,500** | **34,400** | **12,100** | **3,580** |
| 100° | 45,400 | 34,200 | 11,200 | 3,655 |
| 105° | 44,200 | 34,000 | 10,200 | 3,730 |
| 110° | 42,600 | 33,000 | 9,600 | 3,800 |
| 115° | 40,900 | 31,900 | 9,000 | 3,870 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **43,100** | **34,000** | **9,100** | **3,430** |

**DZ20VC0361B* / CA*F3743*6D* + MBVC1600**-1A* + TXV**
**Design Subcooling @ AHRI 95 °F Conditions, 7-9 °F**
**@ the Serv. Vlv. - 100% Demand**

| Outdoor Temp °F | Total BTU/h | Sensible BTU/h | Latent BTU/h | Total Watts |
|---|---|---|---|---|
| 75° | 37,200 | 26,800 | 10,400 | 2,250 |
| 80° | 36,800 | 26,900 | 9,900 | 2,325 |
| 85° | 36,300 | 26,900 | 9,400 | 2,400 |
| 90° | 35,900 | 26,900 | 9,000 | 2,465 |
| **95°** | **35,400** | **26,900** | **8,500** | **2,530** |
| 100° | 34,500 | 26,700 | 7,800 | 2,585 |
| 105° | 33,600 | 26,500 | 7,100 | 2,640 |
| 110° | 32,400 | 25,600 | 6,800 | 2,690 |
| 115° | 31,200 | 24,600 | 6,600 | 2,740 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **32,800** | **26,600** | **6,200** | **2,420** |

**DZ20VC0601C* / CA*F4961*6D* + MBVC2000**-1A* + TXV**
**Design Subcooling @ AHRI 95 °F Conditions, 9-11 °F**
**@ the Serv. Vlv. - 100% Demand**

| Outdoor Temp °F | Total BTU/h | Sensible BTU/h | Latent BTU/h | Total Watts |
|---|---|---|---|---|
| 75° | 56,300 | 39,400 | 16,900 | 3,580 |
| 80° | 55,600 | 39,500 | 16,100 | 3,815 |
| 85° | 54,900 | 39,500 | 15,400 | 4,050 |
| 90° | 53,700 | 39,200 | 14,500 | 4,310 |
| **95°** | **52,500** | **38,900** | **13,600** | **4,570** |
| 100° | 51,100 | 38,300 | 12,800 | 4,855 |
| 105° | 49,600 | 37,700 | 11,900 | 5,140 |
| 110° | 48,300 | 37,900 | 10,400 | 5,475 |
| 115° | 46,900 | 38,000 | 8,900 | 5,810 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **50,600** | **38,000** | **12,600** | **4,570** |

**DZ20VC0241B* / CA*F3642*6D* + MBVC1200**-1A* + TXV**
**Design Subcooling @ AHRI 95 °F Conditions, 7-9 °F**
**@ the Serv. Vlv. - in Boost Mode**

| Outdoor Temp °F | Total BTU/h | Sensible BTU/h | Latent BTU/h | Total Watts |
|---|---|---|---|---|
| 75° | 27,200 | 19,700 | 7,400 | 1,800 |
| 80° | 26,700 | 19,500 | 7,100 | 1,900 |
| 85° | 26,100 | 19,300 | 6,900 | 1,900 |
| 90° | 25,600 | 19,000 | 6,600 | 2,000 |
| **95°** | **25,000** | **18,700** | **6,300** | **2,100** |
| 100° | 24,400 | 18,500 | 6,000 | 2,200 |
| 105° | 23,900 | 18,200 | 5,700 | 2,300 |
| 110° | 21,500 | 17,200 | 4,300 | 2,300 |
| 115° | 21,700 | 16,500 | 5,200 | 2,100 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **23,400** | **18,100** | **5,300** | **2,100** |

**DZ20VC0361B* / CA*F3743*6D* + MBVC1600**-1A* + TXV**
**Design Subcooling @ AHRI 95 °F Conditions, 7-9 °F**
**@ the Serv. Vlv. - in Boost Mode**

| Outdoor Temp °F | Total BTU/h | Sensible BTU/h | Latent BTU/h | Total Watts |
|---|---|---|---|---|
| 75° | 40,100 | 29,400 | 10,700 | 2,100 |
| 80° | 39,400 | 29,100 | 10,300 | 2,300 |
| 85° | 38,700 | 28,800 | 9,900 | 2,400 |
| 90° | 37,900 | 28,400 | 9,500 | 2,500 |
| **95°** | **37,000** | **28,000** | **9,000** | **2,700** |
| 100° | 36,000 | 27,500 | 8,500 | 2,800 |
| 105° | 34,800 | 27,000 | 7,900 | 3,000 |
| 110° | 33,700 | 26,400 | 7,300 | 3,100 |
| 115° | 32,100 | 25,100 | 7,100 | 3,100 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **34,600** | **27,000** | **7,600** | **2,700** |

**DZ20VC0481B* / CA*F4961*6D* + MBVC2000**-1A* + TXV**
**Design Subcooling @ AHRI 95 °F Conditions, 7-9 °F**
**@ the Serv. Vlv. - in Boost Mode**

| Outdoor Temp °F | Total BTU/h | Sensible BTU/h | Latent BTU/h | Total Watts |
|---|---|---|---|---|
| 75° | 54,600 | 38,900 | 15,700 | 3,400 |
| 80° | 53,300 | 38,300 | 15,000 | 3,600 |
| 85° | 51,900 | 37,600 | 14,300 | 3,800 |
| 90° | 50,500 | 37,000 | 13,500 | 4,000 |
| **95°** | **49,000** | **36,300** | **12,700** | **4,200** |
| 100° | 47,600 | 35,600 | 11,900 | 4,400 |
| 105° | 46,100 | 34,900 | 11,100 | 4,600 |
| 110° | 44,500 | 34,200 | 10,300 | 4,800 |
| 115° | 41,400 | 32,700 | 8,700 | 4,300 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **46,000** | **35,200** | **10,800** | **4,100** |

**DZ20VC0601C* / CA*F4961*6D* + MBVC2000**-1A* + TXV**
**Design Subcooling @ AHRI 95 °F Conditions, 9-11 °F**
**@ the Serv. Vlv. - Boost Mode**

| Outdoor Temp °F | Total BTU/h | Sensible BTU/h | Latent BTU/h | Total Watts |
|---|---|---|---|---|
| 75° | 62,200 | 42,200 | 20,000 | 4,300 |
| 80° | 61,500 | 42,400 | 19,100 | 4,600 |
| 85° | 60,700 | 42,600 | 18,100 | 4,900 |
| 90° | 59,400 | 42,200 | 17,200 | 5,200 |
| **95°** | **58,000** | **41,800** | **16,200** | **5,500** |
| 100° | 56,100 | 40,900 | 15,200 | 5,800 |
| 105° | 54,100 | 40,000 | 14,100 | 6,000 |
| 110° | 52,300 | 39,200 | 13,100 | 6,300 |
| 115° | 50,400 | 38,400 | 12,000 | 6,600 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **55,900** | **40,800** | **15,100** | **5,500** |

**COOLING MODE**

| Tonnage | Speed | Total Unit Sound Rating (dBA) | Octave Band Spectrum Frequency (Hz) Analysis (dB) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| 2 Tons | Minimum | 58.4 | 37.1 | 49.9 | 52.6 | 54.4 | 49.4 | 42.6 | 34.7 |
| | Intermediate | 60.9 | 38.6 | 50.9 | 56.7 | 56.2 | 51.2 | 45.1 | 36.6 |
| | Maximum | 67.7 | 45.6 | 53.6 | 62.5 | 62.2 | 62.0 | 57.5 | 50.9 |
| 3 Tons | Minimum | 56.0 | 45.9 | 47.2 | 51.0 | 50.5 | 47.9 | 37.1 | 31.3 |
| | Intermediate | 63.5 | 43.7 | 49.5 | 56.9 | 59.4 | 58.1 | 51.8 | 45.6 |
| | Maximum | 74.2 | 57.5 | 61.4 | 68.2 | 69.4 | 68.4 | 63.4 | 52.3 |
| 4 Tons | Minimum | 56.0 | 45.9 | 47.2 | 51.0 | 50.5 | 47.9 | 37.1 | 31.3 |
| | Intermediate | 63.5 | 43.7 | 49.5 | 56.9 | 59.4 | 58.1 | 51.8 | 45.6 |
| | Maximum | 74.2 | 57.5 | 61.4 | 68.2 | 69.4 | 68.4 | 63.4 | 52.3 |
| 5 Tons | Minimum | 59.7 | 47.0 | 54.2 | 53.3 | 54.3 | 49.7 | 45.4 | 42.8 |
| | Intermediate | 65.7 | 44.4 | 51.9 | 63.1 | 59.2 | 56.5 | 52.5 | 46.1 |
| | Maximum | 74.9 | 55.2 | 61.2 | 69.8 | 69.2 | 68.6 | 65.7 | 56.9 |

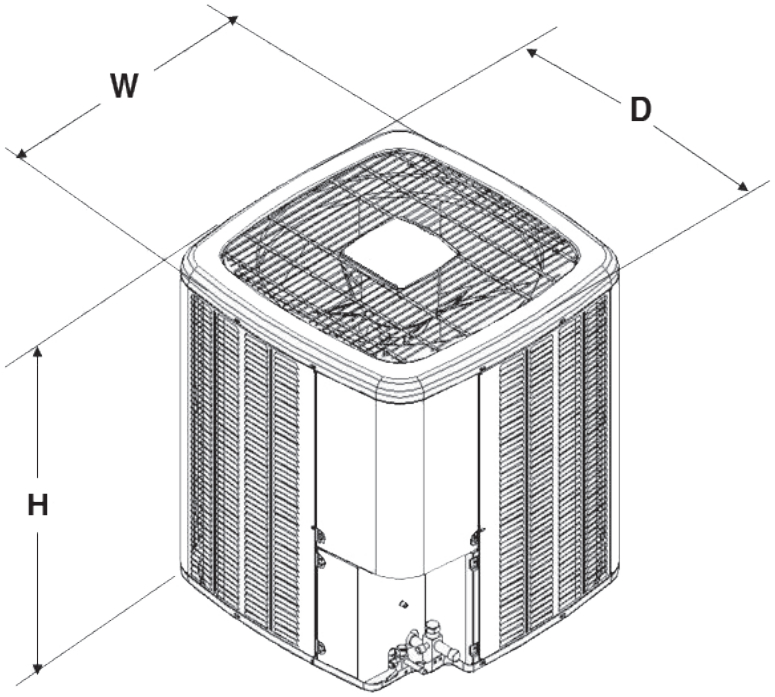
**HEATING MODE**

| Tonnage | Speed | Total Unit Sound Rating (dBA) | Octave Band Spectrum Frequency (Hz) Analysis (dB) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| 2 Tons | Minimum | 65.0 | 44.6 | 55.8 | 60.1 | 60.0 | 57.8 | 49.9 | 43.4 |
| | Intermediate | 65.3 | 44.3 | 54.3 | 60.8 | 60.5 | 58.3 | 50.3 | 41.1 |
| | Maximum | 76.3 | 54.1 | 67.2 | 73.7 | 68.5 | 66.5 | 62.2 | 51.2 |
| 3 Tons | Minimum | 69.4 | 49.7 | 63.3 | 62.5 | 63.0 | 62.9 | 53.2 | 47.5 |
| | Intermediate | 73.8 | 60.1 | 68.5 | 67.6 | 66.8 | 65.2 | 58.7 | 50.9 |
| | Maximum | 78.4 | 62.0 | 69.2 | 72.2 | 74.0 | 71.5 | 66.9 | 55.9 |
| 4 Tons | Minimum | 69.4 | 49.7 | 63.3 | 62.5 | 63.0 | 62.9 | 53.2 | 47.5 |
| | Intermediate | 73.8 | 60.1 | 68.5 | 67.6 | 66.8 | 65.2 | 58.7 | 50.9 |
| | Maximum | 78.4 | 62.0 | 69.2 | 72.2 | 74.0 | 71.5 | 66.9 | 55.9 |
| 5 Tons | Minimum | 65.0 | 48.3 | 55.2 | 59.9 | 60.0 | 58.0 | 49.3 | 47.1 |
| | Intermediate | 74.8 | 55.7 | 61.9 | 68.4 | 70.4 | 69.3 | 62.7 | 51.4 |
| | Maximum | 79.2 | 60.5 | 70.1 | 71.9 | 74.3 | 73.1 | 69.1 | 58.5 |

NOTE: Tested in accordance with AHRI Standard 270.

***All AHRI system ratings are accessible in the Unitary Matchup Tool via Daikin City or in the Daikin System Configurator tool via PartnerLink.***

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




| MODEL # | DIMENSIONS | | |
|---|---|---|---|
| | W" | D" | H" |
| DZ20VC0241B* | 35½ | 35½ | 38¼ |
| DZ20VC0361B* | 35½ | 35½ | 41¼ |
| DZ20VC0481B* | 35½ | 35½ | 41¼ |
| DZ20VC0601C* | 35½ | 35½ | 41¼ |

SPECIAL CHARACTERISTICS:

6S = 6SIGMA  CC = CRITICAL CHARACTERISTIC  SC = SIGNIFICANT CHARACTERISTIC

COMPONENTS AND MATERIALS SPECIFIED HEREIN WILL ALSO CONFORM TO THE APPLICABLE SECTION OF GOODMAN MSP 824.01 WORKMANSHIP STANDARD FOR FIT, FEEL AND FINISH.



Daikin Manufacturing Co., LLC

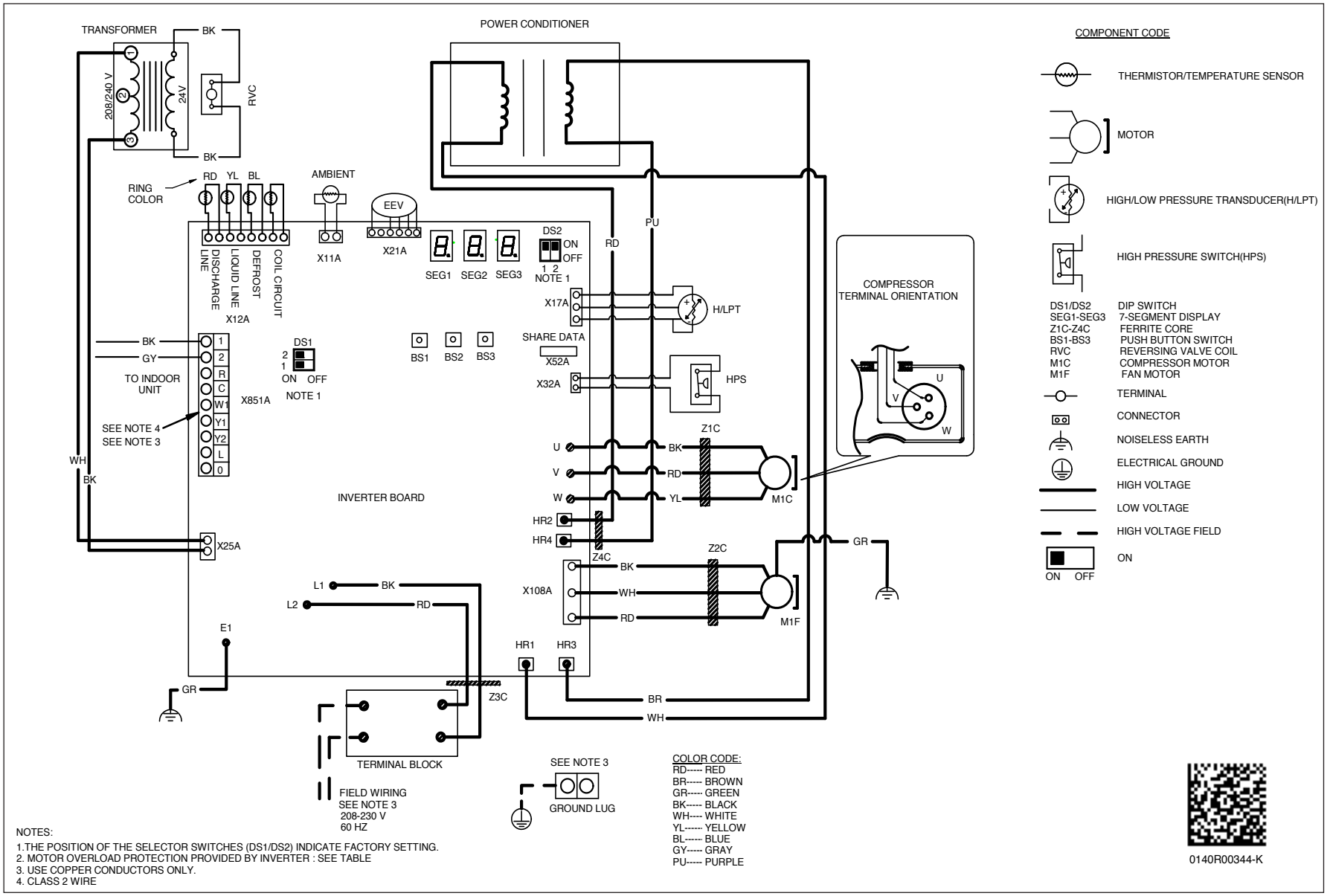
DRAWING TO BE INTERPRETED IN ACCORDANCE WITH ASME Y14.100

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

TOLERANCES: ANGLES ± 1.5° .X : ± .1 .XX : ± .03 .XXX : ± .015 HOLE Ø : ± .005 TUBE CUT LG: ± .063

DZ20VC

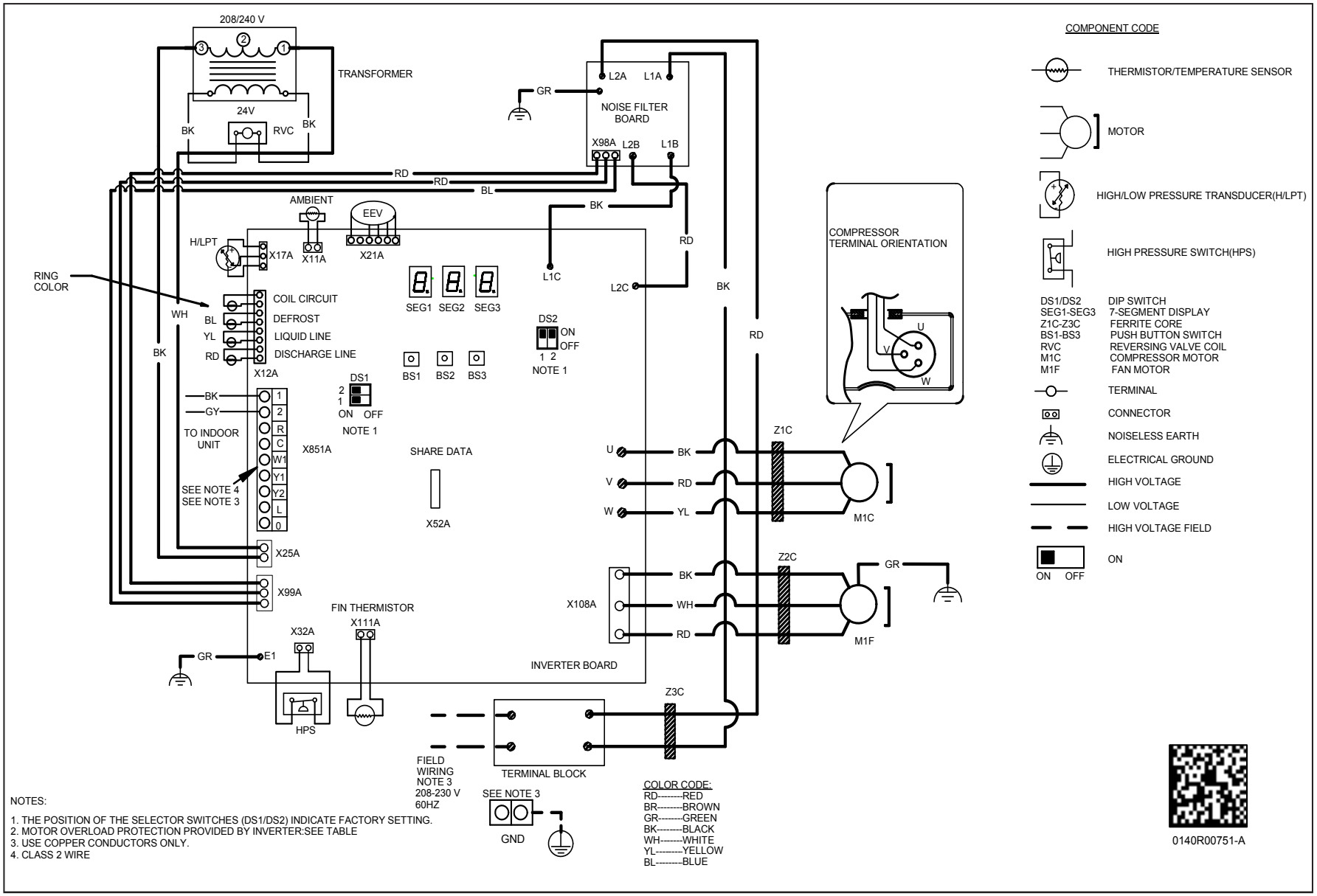
DWN BY: | ENG: | DO NOT SCALE DRAWING | SHT 1 OF 1 | REV A




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

**⚠ WARNING**

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




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

**⚠ WARNING**

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

| MODEL | DESCRIPTION | DZ20VC 0241B* | DZ20VC 0361B* | DZ20VC 0481B* | DZ20VC 0601C* |
|---|---|---|---|---|---|
| ABK-20 | Anchor Bracket Kit ◊ | X | X | X | X |
| TXV-V24 | TXV Kit | X | | | |
| TXV-V36 | TXV Kit | | X | | |
| TXV-V48 | TXV Kit | | | X | |
| TXV-V60 | TXV Kit | | | | X |

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