# DX17VSS

FIT

*UP TO 18 SEER*
*1½ TO 5 TONS*

## DAIKIN *FIT* *HIGH-EFFICIENCY, COMMUNICATING, VARIABLE-SPEED, INVERTER DRIVE SIDE DISCHARGE SPLIT SYSTEM AIR CONDITIONER*

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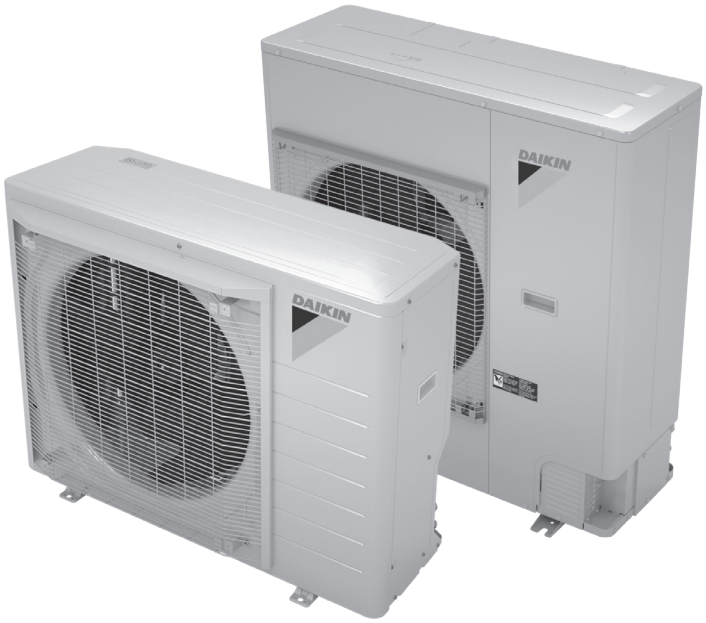



### *Standard Features*

- Daikin variable-speed swing compressors
- High-density foam 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
- Field-installed bi-flow filter drier
- Coil and ambient temperature sensors
- Suction pressure transducer
- Sweat connection service valves with easy access to gauge ports
- AHRI Certified; ETL Listed

### *Cabinet Features*

- Heavy-gauge galvanized steel cabinet with grille-style sound control side design
- Custom Ivory white powder-paint finish
- 500-hour salt-spray tested
- Wire fan discharge grille
- Top and side maintenance access
- When properly anchored, meets the 2017 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

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

| D | X | 17 | V | S | S | 36 | 1 | AA |
|---|---|---|---|---|---|---|---|---|
| 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 18 - 18 SEER

16 - 16 SEER 20 - 20 SEER

17 - 17 SEER

**Compressor**

S - Single Stage V - Variable Speed

T - Two Stage

**Feature Set**

A - Base N - Nominal

C - Communicating S - Side Discharge Communicating

D - Deluxe

**Region**

N-North S-Southeast & North

A-All

**Capacity**

18 - 1½ tons 42 - 3½ tons

24 - 2 tons 48 - 4 tons

30 - 2½ tons 60 - 5 tons

36 - 3 tons

**Voltage**

1 - 208/230 V Single-Phase 60 Hz

**Engineering**

Major & Minor revisions

| | DX17VSS 181AA | DX17VSS 241AA | DX17VSS 301AA | DX17VSS 361AA | DX17VSS 421AA | DX17VSS 481AA | DX17VSS 601AA |
|---|---|---|---|---|---|---|---|
| **Cooling Capacity** | | | | | | | |
| Max. Cooling (BTU/h) | 17,100 | 22,800 | 28,400 | 34,200 | 40,000 | 45,500 | 54,000 |
| **Compressor** | | | | | | | |
| Type | Swing | Swing | Swing | Swing | Swing | Swing | Swing |
| RLA | 10.5 | 15.2 | 20.0 | 20.0 | 25.0 | 25.0 | 26.0 |
| **Condenser Fan Motor** | | | | | | | |
| Horsepower (HP) | 3/16 | 3/16 | 3/16 | 3/16 | ¼ | ¼ | ¼ |
| FLA | 2.18 | 2.18 | 2.70 | 2.70 | 2.50 | 2.50 | 2.50 |
| **Refrigeration System** | | | | | | | |
| Refrigerant Line Size[1] | | | | | | | |
| Liquid Line Size (“O.D.) | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" |
| Suction Line Size (“O.D.) | ¾" | ¾" | ⅞" | ⅞" | 1⅛" | 1⅛" | 1⅛" |
| Refrigerant Connection Size | | | | | | | |
| Liquid Valve Size (“O.D.) | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" |
| Suction Valve Size (“O.D.) | ¾" | ¾" | ⅞" | ⅞" | ⅞" | ⅞" | ⅞" |
| Valve Connection Type | Front-Seated | Front-Seated | Front-Seated | Front-Seated | Front-Seated | Front-Seated | Front-Seated |
| Refrigerant Charge (oz.) | 76 | 76 | 79 | 85 | 116 | 116 | 139 |
| Superheat at Service Valve | EEV | EEV | EEV | EEV | EEV | EEV | EEV |
| Subcooling at Service Valve | 10±1°F | 12±1°F | 10±1°F | 10±1°F | 8±1°F | 9±1°F | 8±1°F |
| **Electrical Data** | | | | | | | |
| Voltage-Phase (60 Hz) | 208/230-1 | 208/230-1 | 208/230-1 | 208/230-1 | 208/230-1 | 208/230-1 | 208/230-1 |
| Minimum Circuit Ampacity [1] | 12.7 | 17.4 | 22.7 | 22.7 | 34.0 | 34.0 | 35.5 |
| Max. Overcurrent Protection [2] | 15 | 20 | 25 | 25 | 35 | 35 | 40 |
| Min / Max Volts | 197/253 | 197/253 | 197/253 | 197/253 | 197/253 | 197/253 | 197/253 |
| Electrical Conduit Size | ½" | ½" | ½" | ½" | ½" | ½" | ½" |
| **Equipment Weight (lbs)** | 112 | 112 | 121 | 128 | 168 | 168 | 181 |
| **Ship Weight (lbs)** | 130 | 130 | 139 | 146 | 183 | 183 | 196 |

** Inverter/Controller limited to less than 1 Amp

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

[2] 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.
- Unit is charged with refrigerant for 15’ of ⅜” liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

# Expanded Cooling Data — DX17VSS181AA / CA*EA1818*4A* + DM96VC0803BNA* at 100%

| | | | 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 | 510 | MBh | 17.4 | 17.6 | 18.1 | - | 17.2 | 17.4 | 18.0 | - | 16.7 | 17.0 | 17.5 | - | 16.0 | 16.2 | 16.7 | - | 15.0 | 15.3 | 15.8 | - | 14.1 | 14.4 | 14.9 | - |
| | | S/T | 0.63 | 0.54 | 0.40 | - | 0.63 | 0.55 | 0.41 | - | 0.66 | 0.58 | 0.43 | - | 0.68 | 0.60 | 0.45 | - | 1.00 | 0.62 | 0.48 | - | 1.00 | 0.68 | 0.53 | - |
| | | ΔT | 20 | 19 | 15 | - | 20 | 18 | 15 | - | 21 | 19 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 21 | 19 | 16 | - |
| | | kW | 0.96 | 0.96 | 0.96 | - | 1.09 | 1.09 | 1.08 | - | 1.23 | 1.23 | 1.23 | - | 1.38 | 1.38 | 1.38 | - | 1.56 | 1.56 | 1.55 | - | 1.76 | 1.76 | 1.76 | - |
| | | Amps | 3.7 | 3.7 | 3.7 | - | 4.2 | 4.2 | 4.2 | - | 4.9 | 4.9 | 4.9 | - | 5.5 | 5.5 | 5.5 | - | 6.3 | 6.3 | 6.3 | - | 7.2 | 7.2 | 7.2 | - |
| | | Hi PR | 250 | 251 | 252 | - | 289 | 290 | 292 | - | 330 | 331 | 333 | - | 375 | 376 | 378 | - | 423 | 424 | 426 | - | 474 | 475 | 477 | - |
| | | Lo PR | 123 | 125 | 128 | - | 131 | 132 | 135 | - | 137 | 139 | 142 | - | 143 | 144 | 147 | - | 148 | 150 | 153 | - | 155 | 157 | 160 | - |
| | 600 | MBh | 17.6 | 17.9 | 18.4 | - | 17.5 | 17.7 | 18.2 | - | 17.0 | 17.3 | 17.8 | - | 16.2 | 16.5 | 17.0 | - | 15.3 | 15.5 | 16.0 | - | 14.4 | 14.7 | 15.2 | - |
| | | S/T | 0.71 | 0.62 | 0.48 | - | 0.71 | 0.63 | 0.49 | - | 0.74 | 0.66 | 0.51 | - | 1.00 | 0.68 | 0.53 | - | 1.00 | 0.70 | 0.56 | - | 1.00 | 0.76 | 0.61 | - |
| | | ΔT | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 13 | - | 20 | 18 | 15 | - |
| | | kW | 0.97 | 0.97 | 0.96 | - | 1.10 | 1.09 | 1.09 | - | 1.24 | 1.24 | 1.24 | - | 1.39 | 1.39 | 1.39 | - | 1.57 | 1.56 | 1.56 | - | 1.77 | 1.77 | 1.76 | - |
| | | Amps | 3.7 | 3.7 | 3.7 | - | 4.3 | 4.3 | 4.3 | - | 4.9 | 4.9 | 4.9 | - | 5.6 | 5.6 | 5.6 | - | 6.3 | 6.3 | 6.3 | - | 7.2 | 7.2 | 7.2 | - |
| | | Hi PR | 252 | 253 | 255 | - | 292 | 293 | 294 | - | 333 | 334 | 336 | - | 377 | 378 | 380 | - | 425 | 426 | 428 | - | 477 | 478 | 479 | - |
| | | Lo PR | 125 | 127 | 130 | - | 133 | 134 | 137 | - | 139 | 141 | 144 | - | 145 | 146 | 150 | - | 150 | 152 | 155 | - | 157 | 159 | 162 | - |
| | 690 | MBh | 18.0 | 18.2 | 18.7 | - | 17.8 | 18.1 | 18.6 | - | 17.4 | 17.6 | 18.1 | - | 16.6 | 16.8 | 17.3 | - | 15.6 | 15.9 | 16.4 | - | 14.7 | 15.0 | 15.5 | - |
| | | S/T | 0.75 | 0.66 | 0.52 | - | 0.75 | 0.67 | 0.53 | - | 0.78 | 0.70 | 0.55 | - | 1.00 | 0.72 | 0.57 | - | 1.00 | 0.74 | 0.60 | - | 1.00 | 0.80 | 0.65 | - |
| | | ΔT | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 19 | 17 | 13 | - |
| | | kW | 0.97 | 0.97 | 0.97 | - | 1.10 | 1.10 | 1.10 | - | 1.24 | 1.24 | 1.24 | - | 1.40 | 1.40 | 1.40 | - | 1.57 | 1.57 | 1.57 | - | 1.77 | 1.77 | 1.77 | - |
| | | Amps | 3.8 | 3.8 | 3.7 | - | 4.3 | 4.3 | 4.3 | - | 4.9 | 4.9 | 4.9 | - | 5.6 | 5.6 | 5.6 | - | 6.4 | 6.4 | 6.3 | - | 7.2 | 7.2 | 7.2 | - |
| | | Hi PR | 255 | 256 | 257 | - | 294 | 295 | 297 | - | 335 | 336 | 338 | - | 380 | 381 | 383 | - | 428 | 429 | 431 | - | 479 | 480 | 482 | - |
| | | Lo PR | 128 | 129 | 132 | - | 135 | 137 | 140 | - | 142 | 143 | 146 | - | 147 | 149 | 152 | - | 153 | 154 | 157 | - | 160 | 161 | 164 | - |
| 75 | 510 | MBh | 17.4 | 17.6 | 18.1 | 18.9 | 17.2 | 17.5 | 18.0 | 18.8 | 16.8 | 17.0 | 17.5 | 18.3 | 16.0 | 16.2 | 16.7 | 17.5 | 15.0 | 15.3 | 15.8 | 16.6 | 14.1 | 14.4 | 14.9 | 15.7 |
| | | S/T | 0.76 | 0.68 | 0.54 | 0.39 | 0.77 | 0.69 | 0.54 | 0.39 | 1.00 | 0.71 | 0.57 | 0.42 | 1.00 | 0.73 | 0.59 | 0.44 | 1.00 | 0.76 | 0.61 | 0.46 | 1.00 | 1.00 | 0.67 | 0.52 |
| | | ΔT | 24 | 23 | 19 | 16 | 24 | 23 | 19 | 15 | 25 | 23 | 19 | 16 | 24 | 23 | 19 | 15 | 24 | 22 | 19 | 15 | 25 | 23 | 20 | 16 |
| | | kW | 0.96 | 0.96 | 0.96 | 0.97 | 1.09 | 1.09 | 1.08 | 1.09 | 1.23 | 1.23 | 1.23 | 1.24 | 1.38 | 1.38 | 1.38 | 1.39 | 1.56 | 1.56 | 1.55 | 1.56 | 1.76 | 1.76 | 1.76 | 1.77 |
| | | Amps | 3.7 | 3.7 | 3.7 | 3.7 | 4.2 | 4.2 | 4.2 | 4.3 | 4.9 | 4.9 | 4.9 | 4.9 | 5.5 | 5.5 | 5.5 | 5.6 | 6.3 | 6.3 | 6.3 | 6.3 | 7.2 | 7.2 | 7.2 | 7.2 |
| | | Hi PR | 250 | 251 | 253 | 257 | 289 | 290 | 292 | 296 | 331 | 332 | 333 | 338 | 375 | 376 | 378 | 382 | 423 | 424 | 426 | 430 | 474 | 475 | 477 | 481 |
| | | Lo PR | 123 | 125 | 128 | 133 | 131 | 132 | 135 | 141 | 137 | 139 | 142 | 147 | 143 | 144 | 147 | 153 | 148 | 150 | 153 | 158 | 155 | 157 | 160 | 165 |
| | 600 | MBh | 17.6 | 17.9 | 18.4 | 19.2 | 17.5 | 17.7 | 18.2 | 19.0 | 17.0 | 17.3 | 17.8 | 18.6 | 16.2 | 16.5 | 17.0 | 17.8 | 15.3 | 15.5 | 16.1 | 16.8 | 14.4 | 14.7 | 15.2 | 16.0 |
| | | S/T | 0.84 | 0.76 | 0.62 | 0.47 | 0.85 | 0.77 | 0.62 | 0.47 | 1.00 | 0.79 | 0.65 | 0.50 | 1.00 | 0.82 | 0.67 | 0.52 | 1.00 | 0.84 | 0.69 | 0.54 | 1.00 | 1.00 | 0.75 | 0.60 |
| | | ΔT | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 17 | 14 | 24 | 22 | 19 | 15 |
| | | kW | 0.97 | 0.97 | 0.96 | 0.97 | 1.09 | 1.09 | 1.09 | 1.10 | 1.24 | 1.24 | 1.23 | 1.24 | 1.39 | 1.39 | 1.39 | 1.40 | 1.56 | 1.56 | 1.56 | 1.57 | 1.77 | 1.77 | 1.76 | 1.77 |
| | | Amps | 3.7 | 3.7 | 3.7 | 3.8 | 4.3 | 4.3 | 4.3 | 4.3 | 4.9 | 4.9 | 4.9 | 4.9 | 5.6 | 5.6 | 5.6 | 5.6 | 6.3 | 6.3 | 6.3 | 6.4 | 7.2 | 7.2 | 7.2 | 7.2 |
| | | Hi PR | 252 | 253 | 255 | 260 | 292 | 293 | 295 | 299 | 333 | 334 | 336 | 340 | 378 | 379 | 380 | 385 | 426 | 427 | 428 | 433 | 477 | 478 | 480 | 484 |
| | | Lo PR | 125 | 127 | 130 | 135 | 133 | 134 | 137 | 143 | 139 | 141 | 144 | 149 | 145 | 146 | 150 | 155 | 150 | 152 | 155 | 160 | 157 | 159 | 162 | 167 |
| | 690 | MBh | 18.0 | 18.2 | 18.7 | 19.5 | 17.8 | 18.1 | 18.6 | 19.4 | 17.4 | 17.6 | 18.1 | 18.9 | 16.6 | 16.8 | 17.3 | 18.1 | 15.6 | 15.9 | 16.4 | 17.2 | 14.8 | 15.0 | 15.5 | 16.3 |
| | | S/T | 0.88 | 0.80 | 0.66 | 0.51 | 1.00 | 0.81 | 0.66 | 0.51 | 1.00 | 0.83 | 0.69 | 0.54 | 1.00 | 0.86 | 0.71 | 0.56 | 1.00 | 0.88 | 0.74 | 0.58 | 1.00 | 1.00 | 0.79 | 0.64 |
| | | ΔT | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 16 | 13 | 23 | 21 | 17 | 14 |
| | | kW | 0.97 | 0.97 | 0.97 | 0.98 | 1.10 | 1.10 | 1.10 | 1.11 | 1.24 | 1.24 | 1.24 | 1.25 | 1.40 | 1.40 | 1.40 | 1.41 | 1.57 | 1.57 | 1.57 | 1.58 | 1.77 | 1.77 | 1.77 | 1.78 |
| | | Amps | 3.8 | 3.7 | 3.7 | 3.8 | 4.3 | 4.3 | 4.3 | 4.3 | 4.9 | 4.9 | 4.9 | 5.0 | 5.6 | 5.6 | 5.6 | 5.6 | 6.4 | 6.3 | 6.3 | 6.4 | 7.2 | 7.2 | 7.2 | 7.3 |
| | | Hi PR | 255 | 256 | 258 | 262 | 294 | 295 | 297 | 301 | 336 | 337 | 338 | 343 | 380 | 381 | 383 | 387 | 428 | 429 | 431 | 435 | 479 | 480 | 482 | 486 |
| | | Lo PR | 128 | 129 | 132 | 138 | 135 | 137 | 140 | 145 | 142 | 143 | 146 | 152 | 147 | 149 | 152 | 157 | 153 | 154 | 157 | 163 | 160 | 161 | 164 | 170 |

IDB = Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS181AA / CA*EA1818*4A* + DM96VC0803BNA* at 100%

| | | | 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 | 510 | MBh | 17.5 | 17.7 | 18.2 | 19.0 | 17.3 | 17.5 | 18.1 | 18.9 | 16.8 | 17.1 | 17.6 | 18.4 | 16.1 | 16.3 | 16.8 | 17.6 | 15.1 | 15.4 | 15.9 | 16.7 | 14.2 | 14.5 | 15.0 | 15.8 |
| | | S/T | 1.00 | 0.81 | 0.67 | 0.52 | 1.00 | 0.82 | 0.68 | 0.53 | 1.00 | 0.85 | 0.70 | 0.55 | 1.00 | 0.87 | 0.72 | 0.57 | 1.00 | 1.00 | 0.75 | 0.60 | 1.00 | 1.00 | 0.80 | 0.65 |
| | | ΔT | 29 | 27 | 23 | 20 | 29 | 27 | 23 | 20 | 29 | 27 | 23 | 20 | 29 | 27 | 23 | 20 | 28 | 26 | 23 | 19 | 29 | 28 | 24 | 20 |
| | | kW | 0.96 | 0.96 | 0.96 | 0.97 | 1.09 | 1.09 | 1.08 | 1.09 | 1.23 | 1.23 | 1.23 | 1.24 | 1.38 | 1.38 | 1.38 | 1.39 | 1.56 | 1.56 | 1.55 | 1.56 | 1.76 | 1.76 | 1.76 | 1.77 |
| | | Amps | 3.7 | 3.7 | 3.7 | 3.7 | 4.2 | 4.2 | 4.2 | 4.3 | 4.9 | 4.9 | 4.9 | 4.9 | 5.5 | 5.5 | 5.5 | 5.6 | 6.3 | 6.3 | 6.3 | 6.3 | 7.2 | 7.2 | 7.2 | 7.2 |
| | | Hi PR | 250 | 251 | 253 | 257 | 290 | 291 | 292 | 297 | 331 | 332 | 334 | 338 | 375 | 377 | 378 | 383 | 423 | 425 | 426 | 431 | 475 | 476 | 477 | 482 |
| | | Lo PR | 124 | 125 | 128 | 134 | 131 | 133 | 136 | 141 | 138 | 139 | 142 | 148 | 143 | 145 | 148 | 153 | 149 | 150 | 153 | 159 | 156 | 157 | 160 | 166 |
| | 600 | MBh | 17.7 | 18.0 | 18.5 | 19.3 | 17.6 | 17.8 | 18.3 | 19.1 | 17.1 | 17.4 | 17.9 | 18.7 | 16.3 | 16.6 | **17.1** | 17.9 | 15.4 | 15.6 | 16.1 | 16.9 | 14.5 | 14.8 | 15.3 | 16.1 |
| | | S/T | 1.00 | 0.89 | 0.75 | 0.60 | 1.00 | 0.90 | 0.76 | 0.61 | 1.00 | 0.93 | 0.78 | 0.63 | 1.00 | 1.00 | **0.80** | 0.65 | 1.00 | 1.00 | 0.83 | 0.68 | 1.00 | 1.00 | 0.88 | 0.73 |
| | | ΔT | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 26 | 22 | 18 | 27 | 25 | **22** | 18 | 27 | 25 | 22 | 18 | 28 | 26 | 23 | 19 |
| | | kW | 0.97 | 0.97 | 0.96 | 0.97 | 1.10 | 1.09 | 1.09 | 1.10 | 1.24 | 1.24 | 1.24 | 1.24 | 1.39 | 1.39 | **1.39** | 1.40 | 1.57 | 1.56 | 1.56 | 1.57 | 1.77 | 1.77 | 1.76 | 1.77 |
| | | Amps | 3.7 | 3.7 | 3.7 | 3.8 | 4.3 | 4.3 | 4.3 | 4.3 | 4.9 | 4.9 | 4.9 | 4.9 | 5.6 | 5.6 | **5.6** | 5.6 | 6.3 | 6.3 | 6.3 | 6.4 | 7.2 | 7.2 | 7.2 | 7.2 |
| | | Hi PR | 253 | 254 | 256 | 260 | 292 | 293 | 295 | 299 | 334 | 335 | 336 | 341 | 378 | 379 | **381** | 385 | 426 | 427 | 429 | 433 | 477 | 478 | 480 | 484 |
| | | Lo PR | 126 | 127 | 130 | 136 | 133 | 135 | 138 | 143 | 140 | 141 | 145 | 150 | 145 | 147 | **150** | 155 | 151 | 152 | 156 | 161 | 158 | 159 | 162 | 168 |
| | 690 | MBh | 18.1 | 18.3 | 18.8 | 19.6 | 17.9 | 18.2 | 18.7 | 19.5 | 17.5 | 17.7 | 18.2 | 19.0 | 16.7 | 16.9 | 17.4 | 18.2 | 15.7 | 16.0 | 16.5 | 17.3 | 14.8 | 15.1 | 15.6 | 16.4 |
| | | S/T | 1.00 | 0.93 | 0.79 | 0.64 | 1.00 | 0.94 | 0.80 | 0.65 | 1.00 | 0.97 | 0.82 | 0.67 | 1.00 | 1.00 | 0.84 | 0.69 | 1.00 | 1.00 | 0.87 | 0.72 | 1.00 | 1.00 | 0.92 | 0.77 |
| | | ΔT | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 20 | 17 | 27 | 25 | 22 | 18 |
| | | kW | 0.97 | 0.97 | 0.97 | 0.98 | 1.10 | 1.10 | 1.10 | 1.11 | 1.24 | 1.24 | 1.24 | 1.25 | 1.40 | 1.40 | 1.40 | 1.41 | 1.57 | 1.57 | 1.57 | 1.58 | 1.77 | 1.77 | 1.77 | 1.78 |
| | | Amps | 3.8 | 3.8 | 3.7 | 3.8 | 4.3 | 4.3 | 4.3 | 4.3 | 4.9 | 4.9 | 4.9 | 5.0 | 5.6 | 5.6 | 5.6 | 5.6 | 6.4 | 6.4 | 6.3 | 6.4 | 7.2 | 7.2 | 7.2 | 7.3 |
| | | Hi PR | 255 | 256 | 258 | 262 | 295 | 296 | 298 | 302 | 336 | 337 | 339 | 343 | 381 | 382 | 383 | 388 | 428 | 430 | 431 | 436 | 480 | 481 | 483 | 487 |
| | | Lo PR | 128 | 130 | 133 | 138 | 136 | 137 | 140 | 146 | 142 | 144 | 147 | 152 | 148 | 149 | 153 | 158 | 153 | 155 | 158 | 163 | 160 | 162 | 165 | 170 |
| 85 | 510 | MBh | 17.7 | 18.0 | 18.5 | 19.3 | 17.6 | 17.8 | 18.4 | 19.2 | 17.1 | 17.4 | 17.9 | 18.7 | 16.4 | 16.6 | 17.1 | 17.9 | 15.4 | 15.6 | 16.2 | 17.0 | 14.5 | 14.8 | 15.3 | 16.1 |
| | | S/T | 1.00 | 0.92 | 0.78 | 0.63 | 1.00 | 0.93 | 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 | 1.00 | 0.76 |
| | | ΔT | 32 | 30 | 27 | 23 | 32 | 30 | 27 | 23 | 32 | 31 | 27 | 24 | 32 | 30 | 27 | 23 | 32 | 30 | 27 | 23 | 33 | 31 | 28 | 24 |
| | | kW | 0.96 | 0.96 | 0.96 | 0.97 | 1.09 | 1.09 | 1.09 | 1.10 | 1.23 | 1.23 | 1.23 | 1.24 | 1.39 | 1.39 | 1.38 | 1.39 | 1.56 | 1.56 | 1.56 | 1.57 | 1.76 | 1.76 | 1.76 | 1.77 |
| | | Amps | 3.7 | 3.7 | 3.7 | 3.7 | 4.3 | 4.3 | 4.2 | 4.3 | 4.9 | 4.9 | 4.9 | 4.9 | 5.6 | 5.5 | 5.5 | 5.6 | 6.3 | 6.3 | 6.3 | 6.3 | 7.2 | 7.2 | 7.2 | 7.2 |
| | | Hi PR | 251 | 252 | 254 | 259 | 291 | 292 | 294 | 298 | 332 | 333 | 335 | 339 | 377 | 378 | 379 | 384 | 425 | 426 | 427 | 432 | 476 | 477 | 479 | 483 |
| | | Lo PR | 126 | 127 | 130 | 135 | 133 | 135 | 138 | 143 | 140 | 141 | 144 | 150 | 145 | 147 | 150 | 155 | 151 | 152 | 155 | 161 | 157 | 159 | 162 | 167 |
| | 600 | MBh | 18.0 | 18.3 | 18.8 | 19.6 | 17.9 | 18.1 | 18.6 | 19.4 | 17.4 | 17.7 | 18.2 | 19.0 | 16.6 | 16.9 | 17.4 | 18.2 | 15.7 | 15.9 | 16.4 | 17.2 | 14.8 | 15.0 | 15.6 | 16.4 |
| | | S/T | 1.00 | 1.00 | 0.86 | 0.71 | 1.00 | 1.00 | 0.86 | 0.71 | 1.00 | 1.00 | 0.89 | 0.74 | 1.00 | 1.00 | 0.91 | 0.76 | 1.00 | 1.00 | 0.93 | 0.78 | 1.00 | 1.00 | 1.00 | 0.84 |
| | | ΔT | 31 | 29 | 26 | 22 | 31 | 29 | 25 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 25 | 22 | 31 | 29 | 25 | 22 | 32 | 30 | 26 | 23 |
| | | kW | 0.97 | 0.97 | 0.97 | 0.98 | 1.10 | 1.10 | 1.09 | 1.10 | 1.24 | 1.24 | 1.24 | 1.25 | 1.40 | 1.39 | 1.39 | 1.40 | 1.57 | 1.57 | 1.56 | 1.57 | 1.77 | 1.77 | 1.77 | 1.78 |
| | | Amps | 3.7 | 3.7 | 3.7 | 3.8 | 4.3 | 4.3 | 4.3 | 4.3 | 4.9 | 4.9 | 4.9 | 4.9 | 5.6 | 5.6 | 5.6 | 5.6 | 6.3 | 6.3 | 6.3 | 6.4 | 7.2 | 7.2 | 7.2 | 7.2 |
| | | Hi PR | 254 | 255 | 257 | 261 | 293 | 294 | 296 | 301 | 335 | 336 | 338 | 342 | 379 | 380 | 382 | 386 | 427 | 428 | 430 | 434 | 478 | 479 | 481 | 486 |
| | | Lo PR | 128 | 129 | 132 | 138 | 135 | 137 | 140 | 145 | 142 | 143 | 146 | 152 | 147 | 149 | 152 | 157 | 153 | 154 | 157 | 163 | 160 | 161 | 164 | 170 |
| | 690 | MBh | 18.4 | 18.6 | 19.1 | 19.9 | 18.2 | 18.4 | 19.0 | 19.8 | 17.7 | 18.0 | 18.5 | 19.3 | 17.0 | 17.2 | 17.7 | 18.5 | 16.0 | 16.3 | 16.8 | 17.6 | 15.1 | 15.4 | 15.9 | 16.7 |
| | | S/T | 1.00 | 1.00 | 0.90 | 0.75 | 1.00 | 1.00 | 0.90 | 0.75 | 1.00 | 1.00 | 0.93 | 0.78 | 1.00 | 1.00 | 0.95 | 0.80 | 1.00 | 1.00 | 1.00 | 0.82 | 1.00 | 1.00 | 1.00 | 0.88 |
| | | ΔT | 30 | 28 | 24 | 21 | 30 | 28 | 24 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 24 | 21 | 29 | 28 | 24 | 20 | 31 | 29 | 25 | 22 |
| | | kW | 0.98 | 0.98 | 0.97 | 0.98 | 1.10 | 1.10 | 1.10 | 1.11 | 1.25 | 1.25 | 1.24 | 1.25 | 1.40 | 1.40 | 1.40 | 1.41 | 1.57 | 1.57 | 1.57 | 1.58 | 1.78 | 1.78 | 1.77 | 1.78 |
| | | Amps | 3.8 | 3.8 | 3.8 | 3.8 | 4.3 | 4.3 | 4.3 | 4.4 | 4.9 | 4.9 | 4.9 | 5.0 | 5.6 | 5.6 | 5.6 | 5.6 | 6.4 | 6.4 | 6.4 | 6.4 | 7.2 | 7.2 | 7.2 | 7.3 |
| | | Hi PR | 256 | 258 | 259 | 264 | 296 | 297 | 299 | 303 | 337 | 338 | 340 | 344 | 382 | 383 | 385 | 389 | 430 | 431 | 433 | 437 | 481 | 482 | 484 | 488 |
| | | Lo PR | 130 | 132 | 135 | 140 | 138 | 139 | 142 | 148 | 144 | 146 | 149 | 154 | 150 | 151 | 154 | 160 | 155 | 157 | 160 | 165 | 162 | 164 | 167 | 172 |

IDB = Entering Indoor Dry Bulb Temperature

Shaded area is AHRI (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+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 |
| 70 | 410 | MBh | 12.5 | 12.7 | 13.0 | - | 12.4 | 12.5 | 12.9 | - | 12.0 | 12.2 | 12.6 | - | 11.5 | 11.7 | 12.0 | - | 10.8 | 11.0 | 11.3 | - | 10.2 | 10.3 | 10.7 | - |
| | | S/T | 0.64 | 0.56 | 0.41 | - | 0.65 | 0.57 | 0.42 | - | 0.68 | 0.60 | 0.45 | - | 1.00 | 0.62 | 0.47 | - | 1.00 | 0.64 | 0.49 | - | 1.00 | 0.70 | 0.55 | - |
| | | ΔT | 20 | 18 | 14 | - | 20 | 18 | 14 | - | 20 | 18 | 15 | - | 20 | 18 | 14 | - | 19 | 18 | 14 | - | 20 | 19 | 15 | - |
| | | kW | 0.60 | 0.60 | 0.60 | - | 0.68 | 0.68 | 0.68 | - | 0.77 | 0.77 | 0.77 | - | 0.87 | 0.87 | 0.87 | - | 0.98 | 0.98 | 0.98 | - | 1.11 | 1.11 | 1.11 | - |
| | | Amps | 2.3 | 2.3 | 2.3 | - | 2.7 | 2.7 | 2.7 | - | 3.1 | 3.1 | 3.1 | - | 3.5 | 3.5 | 3.5 | - | 4.0 | 4.0 | 4.0 | - | 4.5 | 4.5 | 4.5 | - |
| | | Hi PR | 239 | 240 | 241 | - | 276 | 277 | 279 | - | 316 | 317 | 319 | - | 358 | 359 | 361 | - | 404 | 405 | 407 | - | 453 | 454 | 456 | - |
| | | Lo PR | 127 | 128 | 131 | - | 134 | 136 | 139 | - | 141 | 143 | 146 | - | 147 | 148 | 152 | - | 152 | 154 | 157 | - | 159 | 161 | 164 | - |
| | 480 | MBh | 12.7 | 12.8 | 13.2 | - | 12.6 | 12.7 | 13.1 | - | 12.2 | 12.4 | 12.8 | - | 11.7 | 11.8 | 12.2 | - | 11.0 | 11.2 | 11.5 | - | 10.4 | 10.5 | 10.9 | - |
| | | S/T | 0.72 | 0.64 | 0.49 | - | 0.73 | 0.65 | 0.50 | - | 1.00 | 0.68 | 0.53 | - | 1.00 | 0.70 | 0.55 | - | 1.00 | 0.72 | 0.57 | - | 1.00 | 0.78 | 0.63 | - |
| | | ΔT | 18 | 17 | 13 | - | 18 | 16 | 13 | - | 19 | 17 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 19 | 17 | 14 | - |
| | | kW | 0.61 | 0.61 | 0.61 | - | 0.69 | 0.69 | 0.69 | - | 0.78 | 0.78 | 0.78 | - | 0.88 | 0.88 | 0.87 | - | 0.98 | 0.98 | 0.98 | - | 1.11 | 1.11 | 1.11 | - |
| | | Amps | 2.3 | 2.3 | 2.3 | - | 2.7 | 2.7 | 2.7 | - | 3.1 | 3.1 | 3.1 | - | 3.5 | 3.5 | 3.5 | - | 4.0 | 4.0 | 4.0 | - | 4.5 | 4.5 | 4.5 | - |
| | | Hi PR | 241 | 242 | 244 | - | 279 | 280 | 281 | - | 318 | 319 | 321 | - | 361 | 362 | 363 | - | 407 | 408 | 409 | - | 456 | 457 | 458 | - |
| | | Lo PR | 129 | 130 | 134 | - | 136 | 138 | 141 | - | 143 | 145 | 148 | - | 149 | 151 | 154 | - | 155 | 156 | 159 | - | 162 | 163 | 166 | - |
| | 550 | MBh | 12.9 | 13.1 | 13.5 | - | 12.8 | 13.0 | 13.3 | - | 12.5 | 12.6 | 13.0 | - | 11.9 | 12.1 | 12.5 | - | 11.2 | 11.4 | 11.8 | - | 10.6 | 10.8 | 11.1 | - |
| | | S/T | 0.76 | 0.68 | 0.53 | - | 0.77 | 0.69 | 0.54 | - | 1.00 | 0.72 | 0.57 | - | 1.00 | 0.74 | 0.59 | - | 1.00 | 0.76 | 0.61 | - | 1.00 | 1.00 | 0.67 | - |
| | | ΔT | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 16 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 18 | 16 | 13 | - |
| | | kW | 0.61 | 0.61 | 0.61 | - | 0.69 | 0.69 | 0.69 | - | 0.78 | 0.78 | 0.78 | - | 0.88 | 0.88 | 0.88 | - | 0.99 | 0.99 | 0.99 | - | 1.12 | 1.12 | 1.11 | - |
| | | Amps | 2.4 | 2.4 | 2.4 | - | 2.7 | 2.7 | 2.7 | - | 3.1 | 3.1 | 3.1 | - | 3.5 | 3.5 | 3.5 | - | 4.0 | 4.0 | 4.0 | - | 4.6 | 4.5 | 4.5 | - |
| | | Hi PR | 243 | 244 | 246 | - | 281 | 282 | 284 | - | 321 | 322 | 323 | - | 363 | 364 | 366 | - | 409 | 410 | 412 | - | 458 | 459 | 461 | - |
| | | Lo PR | 131 | 133 | 136 | - | 139 | 140 | 144 | - | 146 | 147 | 150 | - | 151 | 153 | 156 | - | 157 | 159 | 162 | - | 164 | 166 | 169 | - |
| 75 | 410 | MBh | 12.5 | 12.7 | 13.0 | 13.6 | 12.4 | 12.6 | 12.9 | 13.5 | 12.1 | 12.2 | 12.6 | 13.2 | 11.5 | 11.7 | 12.0 | 12.6 | 10.8 | 11.0 | 11.4 | 11.9 | 10.2 | 10.4 | 10.7 | 11.3 |
| | | S/T | 0.79 | 0.70 | 0.56 | 0.40 | 1.00 | 0.71 | 0.56 | 0.41 | 1.00 | 0.74 | 0.59 | 0.43 | 1.00 | 0.76 | 0.61 | 0.45 | 1.00 | 0.78 | 0.63 | 0.48 | 1.00 | 1.00 | 0.69 | 0.53 |
| | | ΔT | 24 | 22 | 18 | 15 | 24 | 22 | 18 | 15 | 24 | 22 | 19 | 15 | 23 | 22 | 18 | 15 | 23 | 21 | 18 | 15 | 24 | 23 | 19 | 16 |
| | | kW | 0.60 | 0.60 | 0.60 | 0.61 | 0.68 | 0.68 | 0.68 | 0.69 | 0.77 | 0.77 | 0.77 | 0.78 | 0.87 | 0.87 | 0.87 | 0.87 | 0.98 | 0.98 | 0.98 | 0.98 | 1.11 | 1.11 | 1.10 | 1.11 |
| | | Amps | 2.3 | 2.3 | 2.3 | 2.3 | 2.7 | 2.7 | 2.7 | 2.7 | 3.1 | 3.1 | 3.1 | 3.1 | 3.5 | 3.5 | 3.5 | 3.5 | 4.0 | 4.0 | 3.9 | 4.0 | 4.5 | 4.5 | 4.5 | 4.5 |
| | | Hi PR | 239 | 240 | 242 | 246 | 277 | 278 | 279 | 283 | 316 | 317 | 319 | 323 | 359 | 360 | 361 | 365 | 404 | 405 | 407 | 411 | 453 | 454 | 456 | 460 |
| | | Lo PR | 127 | 128 | 131 | 137 | 134 | 136 | 139 | 145 | 141 | 143 | 146 | 151 | 147 | 148 | 152 | 157 | 152 | 154 | 157 | 163 | 159 | 161 | 164 | 170 |
| | 480 | MBh | 12.7 | 12.9 | 13.2 | 13.8 | 12.6 | 12.7 | 13.1 | 13.7 | 12.2 | 12.4 | 12.8 | 13.4 | 11.7 | 11.9 | 12.2 | 12.8 | 11.0 | 11.2 | 11.5 | 12.1 | 10.4 | 10.5 | 10.9 | 11.5 |
| | | S/T | 0.86 | 0.78 | 0.63 | 0.48 | 1.00 | 0.79 | 0.64 | 0.49 | 1.00 | 0.82 | 0.67 | 0.51 | 1.00 | 0.84 | 0.69 | 0.53 | 1.00 | 1.00 | 0.71 | 0.56 | 1.00 | 1.00 | 0.77 | 0.61 |
| | | ΔT | 22 | 20 | 17 | 14 | 22 | 20 | 17 | 14 | 22 | 21 | 17 | 14 | 22 | 20 | 17 | 14 | 22 | 20 | 17 | 13 | 23 | 21 | 18 | 14 |
| | | kW | 0.61 | 0.61 | 0.61 | 0.61 | 0.69 | 0.69 | 0.69 | 0.69 | 0.78 | 0.78 | 0.78 | 0.78 | 0.88 | 0.87 | 0.87 | 0.88 | 0.98 | 0.98 | 0.98 | 0.99 | 1.11 | 1.11 | 1.11 | 1.12 |
| | | Amps | 2.3 | 2.3 | 2.3 | 2.4 | 2.7 | 2.7 | 2.7 | 2.7 | 3.1 | 3.1 | 3.1 | 3.1 | 3.5 | 3.5 | 3.5 | 3.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.5 | 4.5 | 4.5 | 4.6 |
| | | Hi PR | 241 | 242 | 244 | 248 | 279 | 280 | 282 | 286 | 318 | 319 | 321 | 325 | 361 | 362 | 364 | 368 | 407 | 408 | 410 | 414 | 456 | 457 | 458 | 463 |
| | | Lo PR | 129 | 130 | 134 | 139 | 136 | 138 | 141 | 147 | 143 | 145 | 148 | 153 | 149 | 151 | 154 | 159 | 155 | 156 | 159 | 165 | 162 | 163 | 166 | 172 |
| | 550 | MBh | 12.9 | 13.1 | 13.5 | 14.0 | 12.8 | 13.0 | 13.4 | 13.9 | 12.5 | 12.7 | 13.0 | 13.6 | 11.9 | 12.1 | 12.5 | 13.0 | 11.2 | 11.4 | 11.8 | 12.3 | 10.6 | 10.8 | 11.2 | 11.7 |
| | | S/T | 0.91 | 0.82 | 0.67 | 0.52 | 1.00 | 0.83 | 0.68 | 0.53 | 1.00 | 0.86 | 0.71 | 0.55 | 1.00 | 0.88 | 0.73 | 0.57 | 1.00 | 1.00 | 0.75 | 0.60 | 1.00 | 1.00 | 0.81 | 0.65 |
| | | ΔT | 21 | 19 | 16 | 13 | 21 | 19 | 16 | 13 | 21 | 20 | 16 | 13 | 21 | 19 | 16 | 13 | 21 | 19 | 16 | 12 | 22 | 20 | 17 | 13 |
| | | kW | 0.61 | 0.61 | 0.61 | 0.62 | 0.69 | 0.69 | 0.69 | 0.70 | 0.78 | 0.78 | 0.78 | 0.79 | 0.88 | 0.88 | 0.88 | 0.88 | 0.99 | 0.99 | 0.99 | 0.99 | 1.12 | 1.12 | 1.11 | 1.12 |
| | | Amps | 2.4 | 2.4 | 2.4 | 2.4 | 2.7 | 2.7 | 2.7 | 2.7 | 3.1 | 3.1 | 3.1 | 3.1 | 3.5 | 3.5 | 3.5 | 3.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.5 | 4.5 | 4.5 | 4.6 |
| | | Hi PR | 244 | 245 | 246 | 250 | 281 | 282 | 284 | 288 | 321 | 322 | 323 | 328 | 363 | 364 | 366 | 370 | 409 | 410 | 412 | 416 | 458 | 459 | 461 | 465 |
| | | Lo PR | 131 | 133 | 136 | 141 | 139 | 141 | 144 | 149 | 146 | 147 | 150 | 156 | 151 | 153 | 156 | 162 | 157 | 159 | 162 | 167 | 164 | 166 | 169 | 174 |

IDB = Entering Indoor Dry Bulb Temperature

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

Shaded area is ACCA (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS181AA / CA*EA1818*4A* + DM96VC0803BNA* at 70%

| | | | 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 | 410 | MBh | 12.6 | 12.7 | 13.1 | 13.7 | 12.4 | 12.6 | 13.0 | 13.6 | 12.1 | 12.3 | 12.7 | 13.2 | 11.6 | 11.7 | 12.1 | 12.7 | 10.9 | 11.0 | 11.4 | 12.0 | 10.2 | 10.4 | 10.8 | 11.4 |
| | | S/T | 1.00 | 0.84 | 0.69 | 0.54 | 1.00 | 0.85 | 0.70 | 0.54 | 1.00 | 0.87 | 0.73 | 0.57 | 1.00 | 1.00 | 0.75 | 0.59 | 1.00 | 1.00 | 0.77 | 0.62 | 1.00 | 1.00 | 0.83 | 0.67 |
| | | ΔT | 28 | 26 | 22 | 19 | 27 | 26 | 22 | 19 | 28 | 26 | 23 | 19 | 27 | 26 | 22 | 19 | 27 | 25 | 22 | 19 | 28 | 27 | 23 | 20 |
| | | kW | 0.60 | 0.60 | 0.60 | 0.61 | 0.68 | 0.68 | 0.68 | 0.69 | 0.77 | 0.77 | 0.77 | 0.78 | 0.87 | 0.87 | 0.87 | 0.88 | 0.98 | 0.98 | 0.98 | 0.98 | 1.11 | 1.11 | 1.11 | 1.11 |
| | | Amps | 2.3 | 2.3 | 2.3 | 2.3 | 2.7 | 2.7 | 2.7 | 2.7 | 3.1 | 3.1 | 3.1 | 3.1 | 3.5 | 3.5 | 3.5 | 3.5 | 4.0 | 4.0 | 3.9 | 4.0 | 4.5 | 4.5 | 4.5 | 4.5 |
| | | Hi PR | 239 | 240 | 242 | 246 | 277 | 278 | 280 | 284 | 316 | 318 | 319 | 323 | 359 | 360 | 362 | 366 | 405 | 406 | 408 | 412 | 454 | 455 | 457 | 461 |
| | | Lo PR | 127 | 129 | 132 | 137 | 135 | 136 | 140 | 145 | 142 | 143 | 146 | 152 | 147 | 149 | 152 | 158 | 153 | 155 | 158 | 163 | 160 | 162 | 165 | 170 |
| | 480 | MBh | 12.7 | 12.9 | 13.3 | 13.9 | 12.6 | 12.8 | 13.2 | 13.8 | 12.3 | 12.5 | 12.9 | 13.4 | 11.7 | 11.9 | **12.3** | 12.9 | 11.1 | 11.2 | 11.6 | 12.2 | 10.4 | 10.6 | 11.0 | 11.6 |
| | | S/T | 1.00 | 0.92 | 0.77 | 0.62 | 1.00 | 0.93 | 0.78 | 0.62 | 1.00 | 1.00 | 0.80 | 0.65 | 1.00 | 1.00 | **0.83** | 0.67 | 1.00 | 1.00 | 0.85 | 0.69 | 1.00 | 1.00 | 0.91 | 0.75 |
| | | ΔT | 26 | 24 | 21 | 18 | 26 | 24 | 21 | 18 | 26 | 25 | 21 | 18 | 26 | 24 | **21** | 18 | 26 | 24 | 21 | 17 | 27 | 25 | 22 | 18 |
| | | kW | 0.61 | 0.61 | 0.61 | 0.61 | 0.69 | 0.69 | 0.69 | 0.69 | 0.78 | 0.78 | 0.78 | 0.78 | 0.88 | 0.88 | **0.87** | 0.88 | 0.98 | 0.98 | 0.98 | 0.99 | 1.11 | 1.11 | 1.11 | 1.12 |
| | | Amps | 2.3 | 2.3 | 2.3 | 2.4 | 2.7 | 2.7 | 2.7 | 2.7 | 3.1 | 3.1 | 3.1 | 3.1 | 3.5 | 3.5 | **3.5** | 3.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.5 | 4.5 | 4.5 | 4.6 |
| | | Hi PR | 242 | 243 | 244 | 249 | 279 | 280 | 282 | 286 | 319 | 320 | 322 | 326 | 361 | 362 | **364** | 368 | 407 | 408 | 410 | 414 | 456 | 457 | 459 | 463 |
| | | Lo PR | 129 | 131 | 134 | 140 | 137 | 139 | 142 | 147 | 144 | 145 | 149 | 154 | 150 | 151 | **154** | 160 | 155 | 157 | 160 | 165 | 162 | 164 | 167 | 172 |
| | 550 | MBh | 13.0 | 13.2 | 13.5 | 14.1 | 12.9 | 13.0 | 13.4 | 14.0 | 12.5 | 12.7 | 13.1 | 13.7 | 12.0 | 12.2 | 12.5 | 13.1 | 11.3 | 11.5 | 11.8 | 12.4 | 10.7 | 10.8 | 11.2 | 11.8 |
| | | S/T | 1.00 | 0.96 | 0.81 | 0.66 | 1.00 | 0.97 | 0.82 | 0.66 | 1.00 | 1.00 | 0.85 | 0.69 | 1.00 | 1.00 | 0.87 | 0.71 | 1.00 | 1.00 | 0.89 | 0.74 | 1.00 | 1.00 | 1.00 | 0.79 |
| | | ΔT | 25 | 23 | 20 | 17 | 25 | 23 | 20 | 17 | 25 | 24 | 20 | 17 | 25 | 23 | 20 | 17 | 25 | 23 | 20 | 16 | 26 | 24 | 21 | 17 |
| | | kW | 0.61 | 0.61 | 0.61 | 0.62 | 0.69 | 0.69 | 0.69 | 0.70 | 0.78 | 0.78 | 0.78 | 0.79 | 0.88 | 0.88 | 0.88 | 0.88 | 0.99 | 0.99 | 0.99 | 0.99 | 1.12 | 1.12 | 1.11 | 1.12 |
| | | Amps | 2.4 | 2.4 | 2.4 | 2.4 | 2.7 | 2.7 | 2.7 | 2.7 | 3.1 | 3.1 | 3.1 | 3.1 | 3.5 | 3.5 | 3.5 | 3.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.6 | 4.5 | 4.5 | 4.6 |
| | | Hi PR | 244 | 245 | 247 | 251 | 282 | 283 | 284 | 289 | 321 | 322 | 324 | 328 | 364 | 365 | 366 | 371 | 410 | 411 | 412 | 416 | 459 | 460 | 461 | 465 |
| | | Lo PR | 132 | 133 | 137 | 142 | 139 | 141 | 144 | 150 | 146 | 148 | 151 | 156 | 152 | 154 | 157 | 162 | 158 | 159 | 162 | 168 | 165 | 166 | 169 | 175 |
| 85 | 410 | MBh | 12.8 | 12.9 | 13.3 | 13.9 | 12.7 | 12.8 | 13.2 | 13.8 | 12.3 | 12.5 | 12.9 | 13.4 | 11.8 | 11.9 | 12.3 | 12.9 | 11.1 | 11.3 | 11.6 | 12.2 | 10.5 | 10.6 | 11.0 | 11.6 |
| | | S/T | 1.00 | 0.95 | 0.80 | 0.65 | 1.00 | 1.00 | 0.81 | 0.65 | 1.00 | 1.00 | 0.84 | 0.68 | 1.00 | 1.00 | 0.86 | 0.70 | 1.00 | 1.00 | 1.00 | 0.73 | 1.00 | 1.00 | 1.00 | 0.78 |
| | | ΔT | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 23 | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 32 | 30 | 27 | 23 |
| | | kW | 0.61 | 0.60 | 0.60 | 0.61 | 0.69 | 0.68 | 0.68 | 0.69 | 0.78 | 0.77 | 0.77 | 0.78 | 0.87 | 0.87 | 0.87 | 0.88 | 0.98 | 0.98 | 0.98 | 0.99 | 1.11 | 1.11 | 1.11 | 1.11 |
| | | Amps | 2.3 | 2.3 | 2.3 | 2.3 | 2.7 | 2.7 | 2.7 | 2.7 | 3.1 | 3.1 | 3.1 | 3.1 | 3.5 | 3.5 | 3.5 | 3.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.5 | 4.5 | 4.5 | 4.5 |
| | | Hi PR | 240 | 241 | 243 | 247 | 278 | 279 | 281 | 285 | 318 | 319 | 320 | 324 | 360 | 361 | 363 | 367 | 406 | 407 | 409 | 413 | 455 | 456 | 458 | 462 |
| | | Lo PR | 129 | 131 | 134 | 139 | 137 | 138 | 142 | 147 | 144 | 145 | 148 | 154 | 149 | 151 | 154 | 159 | 155 | 156 | 160 | 165 | 162 | 163 | 167 | 172 |
| | 480 | MBh | 13.0 | 13.1 | 13.5 | 14.1 | 12.8 | 13.0 | 13.4 | 14.0 | 12.5 | 12.7 | 13.1 | 13.6 | 12.0 | 12.1 | 12.5 | 13.1 | 11.3 | 11.4 | 11.8 | 12.4 | 10.6 | 10.8 | 11.2 | 11.8 |
| | | S/T | 1.00 | 1.00 | 0.88 | 0.73 | 1.00 | 1.00 | 0.89 | 0.73 | 1.00 | 1.00 | 0.91 | 0.76 | 1.00 | 1.00 | 0.94 | 0.78 | 1.00 | 1.00 | 1.00 | 0.80 | 1.00 | 1.00 | 1.00 | 0.86 |
| | | ΔT | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 29 | 28 | 24 | 21 | 31 | 29 | 25 | 22 |
| | | kW | 0.61 | 0.61 | 0.61 | 0.61 | 0.69 | 0.69 | 0.69 | 0.69 | 0.78 | 0.78 | 0.78 | 0.78 | 0.88 | 0.88 | 0.88 | 0.88 | 0.99 | 0.99 | 0.98 | 0.99 | 1.11 | 1.11 | 1.11 | 1.12 |
| | | Amps | 2.4 | 2.3 | 2.3 | 2.4 | 2.7 | 2.7 | 2.7 | 2.7 | 3.1 | 3.1 | 3.1 | 3.1 | 3.5 | 3.5 | 3.5 | 3.5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.5 | 4.5 | 4.5 | 4.6 |
| | | Hi PR | 243 | 244 | 245 | 250 | 280 | 282 | 283 | 287 | 320 | 321 | 323 | 327 | 363 | 364 | 365 | 369 | 408 | 409 | 411 | 415 | 457 | 458 | 460 | 464 |
| | | Lo PR | 131 | 133 | 136 | 141 | 139 | 141 | 144 | 149 | 146 | 147 | 151 | 156 | 151 | 153 | 156 | 162 | 157 | 159 | 162 | 167 | 164 | 166 | 169 | 174 |
| | 550 | MBh | 13.2 | 13.4 | 13.7 | 14.3 | 13.1 | 13.3 | 13.6 | 14.2 | 12.8 | 12.9 | 13.3 | 13.9 | 12.2 | 12.4 | 12.7 | 13.3 | 11.5 | 11.7 | 12.1 | 12.6 | 10.9 | 11.1 | 11.4 | 12.0 |
| | | S/T | 1.00 | 1.00 | 0.92 | 0.77 | 1.00 | 1.00 | 0.93 | 0.77 | 1.00 | 1.00 | 0.96 | 0.80 | 1.00 | 1.00 | 1.00 | 0.82 | 1.00 | 1.00 | 1.00 | 0.85 | 1.00 | 1.00 | 1.00 | 0.90 |
| | | ΔT | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 28 | 27 | 23 | 20 | 30 | 28 | 24 | 21 |
| | | kW | 0.61 | 0.61 | 0.61 | 0.62 | 0.69 | 0.69 | 0.69 | 0.70 | 0.78 | 0.78 | 0.78 | 0.79 | 0.88 | 0.88 | 0.88 | 0.89 | 0.99 | 0.99 | 0.99 | 0.99 | 1.12 | 1.12 | 1.12 | 1.12 |
| | | Amps | 2.4 | 2.4 | 2.4 | 2.4 | 2.7 | 2.7 | 2.7 | 2.7 | 3.1 | 3.1 | 3.1 | 3.1 | 3.5 | 3.5 | 3.5 | 3.6 | 4.0 | 4.0 | 4.0 | 4.0 | 4.6 | 4.6 | 4.5 | 4.6 |
| | | Hi PR | 245 | 246 | 248 | 252 | 283 | 284 | 285 | 290 | 322 | 323 | 325 | 329 | 365 | 366 | 368 | 372 | 411 | 412 | 413 | 418 | 460 | 461 | 462 | 467 |
| | | Lo PR | 134 | 135 | 138 | 144 | 141 | 143 | 146 | 152 | 148 | 150 | 153 | 158 | 154 | 155 | 159 | 164 | 159 | 161 | 164 | 170 | 167 | 168 | 171 | 177 |

IDB = Entering Indoor Dry Bulb Temperature

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

Shaded area is AHRI (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp.+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 |
| 70 | 670 | MBh | 23.1 | 23.5 | 24.2 | - | 22.9 | 23.3 | 24.0 | - | 22.3 | 22.7 | 23.3 | - | 21.3 | 21.6 | 22.3 | - | 20.0 | 20.3 | 21.0 | - | 18.8 | 19.2 | 19.9 | - |
| | | S/T | 0.62 | 0.54 | 0.40 | - | 0.63 | 0.55 | 0.40 | - | 0.65 | 0.57 | 0.43 | - | 0.67 | 0.59 | 0.45 | - | 1.00 | 0.62 | 0.47 | - | 1.00 | 0.67 | 0.53 | - |
| | | ΔT | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 21 | 19 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 21 | 19 | 16 | - |
| | | kW | 1.39 | 1.39 | 1.38 | - | 1.58 | 1.57 | 1.57 | - | 1.78 | 1.78 | 1.78 | - | 2.01 | 2.01 | 2.01 | - | 2.26 | 2.26 | 2.26 | - | 2.56 | 2.56 | 2.55 | - |
| | | Amps | 5.3 | 5.2 | 5.2 | - | 6.1 | 6.1 | 6.0 | - | 7.0 | 7.0 | 7.0 | - | 8.0 | 7.9 | 7.9 | - | 9.1 | 9.0 | 9.0 | - | 10.3 | 10.3 | 10.3 | - |
| | | Hi PR | 267 | 268 | 270 | - | 310 | 311 | 313 | - | 354 | 355 | 357 | - | 401 | 403 | 405 | - | 453 | 454 | 456 | - | 508 | 509 | 511 | - |
| | | Lo PR | 119 | 121 | 124 | - | 126 | 128 | 131 | - | 133 | 134 | 137 | - | 138 | 140 | 143 | - | 143 | 145 | 148 | - | 150 | 152 | 155 | - |
| | 790 | MBh | 23.5 | 23.8 | 24.5 | - | 23.3 | 23.6 | 24.3 | - | 22.7 | 23.0 | 23.7 | - | 21.6 | 22.0 | 22.7 | - | 20.4 | 20.7 | 21.4 | - | 19.2 | 19.5 | 20.2 | - |
| | | S/T | 0.70 | 0.62 | 0.48 | - | 0.71 | 0.63 | 0.48 | - | 0.73 | 0.65 | 0.51 | - | 0.75 | 0.67 | 0.53 | - | 1.00 | 0.70 | 0.55 | - | 1.00 | 0.75 | 0.61 | - |
| | | ΔT | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 13 | - | 20 | 18 | 14 | - |
| | | kW | 1.40 | 1.40 | 1.40 | - | 1.59 | 1.59 | 1.58 | - | 1.80 | 1.80 | 1.79 | - | 2.02 | 2.02 | 2.02 | - | 2.28 | 2.27 | 2.27 | - | 2.57 | 2.57 | 2.57 | - |
| | | Amps | 5.3 | 5.3 | 5.3 | - | 6.1 | 6.1 | 6.1 | - | 7.0 | 7.0 | 7.0 | - | 8.0 | 8.0 | 8.0 | - | 9.1 | 9.1 | 9.1 | - | 10.4 | 10.4 | 10.4 | - |
| | | Hi PR | 270 | 271 | 273 | - | 312 | 314 | 315 | - | 357 | 358 | 360 | - | 404 | 405 | 407 | - | 456 | 457 | 459 | - | 511 | 512 | 514 | - |
| | | Lo PR | 121 | 123 | 126 | - | 129 | 130 | 133 | - | 135 | 136 | 139 | - | 140 | 142 | 145 | - | 146 | 147 | 150 | - | 152 | 154 | 157 | - |
| | 910 | MBh | 24.0 | 24.3 | 25.0 | - | 23.7 | 24.1 | 24.8 | - | 23.1 | 23.5 | 24.2 | - | 22.1 | 22.4 | 23.1 | - | 20.8 | 21.2 | 21.8 | - | 19.7 | 20.0 | 20.7 | - |
| | | S/T | 0.74 | 0.66 | 0.52 | - | 0.75 | 0.67 | 0.52 | - | 0.77 | 0.69 | 0.55 | - | 0.79 | 0.71 | 0.57 | - | 1.00 | 0.74 | 0.59 | - | 1.00 | 0.79 | 0.65 | - |
| | | ΔT | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 17 | 16 | 12 | - | 19 | 17 | 13 | - |
| | | kW | 1.41 | 1.41 | 1.41 | - | 1.60 | 1.60 | 1.59 | - | 1.81 | 1.81 | 1.80 | - | 2.03 | 2.03 | 2.03 | - | 2.28 | 2.28 | 2.28 | - | 2.58 | 2.58 | 2.58 | - |
| | | Amps | 5.3 | 5.3 | 5.3 | - | 6.2 | 6.2 | 6.1 | - | 7.1 | 7.1 | 7.0 | - | 8.1 | 8.0 | 8.0 | - | 9.1 | 9.1 | 9.1 | - | 10.4 | 10.4 | 10.4 | - |
| | | Hi PR | 273 | 274 | 276 | - | 315 | 316 | 318 | - | 359 | 360 | 362 | - | 407 | 408 | 410 | - | 458 | 460 | 461 | - | 513 | 514 | 516 | - |
| | | Lo PR | 124 | 125 | 128 | - | 131 | 132 | 135 | - | 137 | 139 | 142 | - | 143 | 144 | 147 | - | 148 | 149 | 152 | - | 155 | 156 | 159 | - |
| 75 | 670 | MBh | 23.2 | 23.5 | 24.2 | 25.2 | 22.9 | 23.3 | 24.0 | 25.0 | 22.3 | 22.7 | 23.4 | 24.4 | 21.3 | 21.6 | 22.3 | 23.4 | 20.0 | 20.3 | 21.0 | 22.1 | 18.9 | 19.2 | 19.9 | 20.9 |
| | | S/T | 0.76 | 0.68 | 0.53 | 0.38 | 0.76 | 0.68 | 0.54 | 0.39 | 0.79 | 0.71 | 0.57 | 0.42 | 1.00 | 0.73 | 0.59 | 0.44 | 1.00 | 0.75 | 0.61 | 0.46 | 1.00 | 0.81 | 0.66 | 0.51 |
| | | ΔT | 24 | 23 | 19 | 15 | 24 | 22 | 19 | 15 | 25 | 23 | 19 | 16 | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 15 | 25 | 23 | 20 | 16 |
| | | kW | 1.39 | 1.39 | 1.38 | 1.40 | 1.58 | 1.57 | 1.57 | 1.58 | 1.78 | 1.78 | 1.78 | 1.79 | 2.01 | 2.01 | 2.00 | 2.02 | 2.26 | 2.26 | 2.26 | 2.27 | 2.56 | 2.56 | 2.55 | 2.57 |
| | | Amps | 5.2 | 5.2 | 5.2 | 5.3 | 6.1 | 6.1 | 6.0 | 6.1 | 7.0 | 7.0 | 6.9 | 7.0 | 7.9 | 7.9 | 7.9 | 8.0 | 9.0 | 9.0 | 9.0 | 9.1 | 10.3 | 10.3 | 10.3 | 10.4 |
| | | Hi PR | 268 | 269 | 271 | 275 | 310 | 311 | 313 | 318 | 354 | 355 | 357 | 362 | 402 | 403 | 405 | 409 | 453 | 454 | 456 | 461 | 508 | 509 | 511 | 516 |
| | | Lo PR | 119 | 121 | 124 | 129 | 126 | 128 | 131 | 136 | 133 | 134 | 137 | 142 | 138 | 140 | 143 | 148 | 143 | 145 | 148 | 153 | 150 | 152 | 155 | 160 |
| | 790 | MBh | 23.5 | 23.8 | 24.5 | 25.6 | 23.3 | 23.6 | 24.3 | 25.4 | 22.7 | 23.0 | 23.7 | 24.8 | 21.7 | 22.0 | 22.7 | 23.7 | 20.4 | 20.7 | 21.4 | 22.5 | 19.2 | 19.6 | 20.2 | 21.3 |
| | | S/T | 0.84 | 0.76 | 0.61 | 0.46 | 0.84 | 0.76 | 0.62 | 0.47 | 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 | 0.89 | 0.74 | 0.59 |
| | | ΔT | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 17 | 14 | 24 | 22 | 19 | 15 |
| | | kW | 1.40 | 1.40 | 1.40 | 1.41 | 1.59 | 1.59 | 1.58 | 1.60 | 1.80 | 1.79 | 1.79 | 1.81 | 2.02 | 2.02 | 2.02 | 2.03 | 2.27 | 2.27 | 2.27 | 2.28 | 2.57 | 2.57 | 2.57 | 2.58 |
| | | Amps | 5.3 | 5.3 | 5.3 | 5.3 | 6.1 | 6.1 | 6.1 | 6.2 | 7.0 | 7.0 | 7.0 | 7.1 | 8.0 | 8.0 | 8.0 | 8.0 | 9.1 | 9.1 | 9.1 | 9.1 | 10.4 | 10.4 | 10.4 | 10.4 |
| | | Hi PR | 270 | 271 | 273 | 278 | 313 | 314 | 316 | 320 | 357 | 358 | 360 | 365 | 405 | 406 | 408 | 412 | 456 | 457 | 459 | 464 | 511 | 512 | 514 | 518 |
| | | Lo PR | 121 | 123 | 126 | 131 | 129 | 130 | 133 | 138 | 135 | 136 | 139 | 145 | 140 | 142 | 145 | 150 | 146 | 147 | 150 | 155 | 152 | 154 | 157 | 162 |
| | 910 | MBh | 24.0 | 24.3 | 25.0 | 26.0 | 23.8 | 24.1 | 24.8 | 25.8 | 23.2 | 23.5 | 24.2 | 25.2 | 22.1 | 22.4 | 23.1 | 24.2 | 20.8 | 21.2 | 21.9 | 22.9 | 19.7 | 20.0 | 20.7 | 21.8 |
| | | S/T | 0.88 | 0.80 | 0.65 | 0.50 | 0.88 | 0.80 | 0.66 | 0.51 | 1.00 | 0.83 | 0.69 | 0.54 | 1.00 | 0.85 | 0.71 | 0.56 | 1.00 | 0.87 | 0.73 | 0.58 | 1.00 | 1.00 | 0.78 | 0.63 |
| | | ΔT | 22 | 20 | 17 | 13 | 22 | 20 | 16 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 16 | 13 | 22 | 20 | 16 | 13 | 23 | 21 | 17 | 14 |
| | | kW | 1.41 | 1.41 | 1.41 | 1.42 | 1.60 | 1.60 | 1.59 | 1.61 | 1.81 | 1.80 | 1.80 | 1.82 | 2.03 | 2.03 | 2.03 | 2.04 | 2.28 | 2.28 | 2.28 | 2.29 | 2.58 | 2.58 | 2.57 | 2.59 |
| | | Amps | 5.3 | 5.3 | 5.3 | 5.4 | 6.2 | 6.1 | 6.1 | 6.2 | 7.1 | 7.1 | 7.0 | 7.1 | 8.0 | 8.0 | 8.0 | 8.1 | 9.1 | 9.1 | 9.1 | 9.2 | 10.4 | 10.4 | 10.4 | 10.5 |
| | | Hi PR | 273 | 274 | 276 | 281 | 315 | 316 | 318 | 323 | 360 | 361 | 363 | 367 | 407 | 408 | 410 | 415 | 459 | 460 | 462 | 466 | 513 | 515 | 517 | 521 |
| | | Lo PR | 124 | 125 | 128 | 133 | 131 | 132 | 135 | 141 | 137 | 139 | 142 | 147 | 143 | 144 | 147 | 152 | 148 | 149 | 153 | 158 | 155 | 156 | 159 | 164 |

IDB = Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+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 |
| 80 | 670 | MBh | 23.3 | 23.6 | 24.3 | 25.4 | 23.1 | 23.4 | 24.1 | 25.1 | 22.5 | 22.8 | 23.5 | 24.5 | 21.4 | 21.7 | 22.4 | 23.5 | 20.1 | 20.5 | 21.2 | 22.2 | 19.0 | 19.3 | 20.0 | 21.1 |
| | | S/T | 0.89 | 0.81 | 0.66 | 0.51 | 1.00 | 0.81 | 0.67 | 0.52 | 1.00 | 0.84 | 0.70 | 0.55 | 1.00 | 0.86 | 0.72 | 0.57 | 1.00 | 1.00 | 0.74 | 0.59 | 1.00 | 1.00 | 0.80 | 0.65 |
| | | ΔT | 28 | 27 | 23 | 20 | 28 | 27 | 23 | 20 | 29 | 27 | 23 | 20 | 28 | 27 | 23 | 20 | 28 | 26 | 23 | 19 | 29 | 27 | 24 | 20 |
| | | kW | 1.39 | 1.39 | 1.38 | 1.40 | 1.58 | 1.57 | 1.57 | 1.59 | 1.78 | 1.78 | 1.78 | 1.79 | 2.01 | 2.01 | 2.01 | 2.02 | 2.26 | 2.26 | 2.26 | 2.27 | 2.56 | 2.56 | 2.55 | 2.57 |
| | | Amps | 5.3 | 5.2 | 5.2 | 5.3 | 6.1 | 6.1 | 6.0 | 6.1 | 7.0 | 7.0 | 7.0 | 7.0 | 8.0 | 7.9 | 7.9 | 8.0 | 9.1 | 9.0 | 9.0 | 9.1 | 10.3 | 10.3 | 10.3 | 10.4 |
| | | Hi PR | 268 | 269 | 271 | 276 | 310 | 311 | 313 | 318 | 355 | 356 | 358 | 362 | 402 | 403 | 405 | 410 | 454 | 455 | 457 | 461 | 508 | 510 | 512 | 516 |
| | | Lo PR | 120 | 121 | 124 | 129 | 127 | 128 | 131 | 137 | 133 | 135 | 138 | 143 | 139 | 140 | 143 | 148 | 144 | 145 | 149 | 154 | 151 | 152 | 155 | 160 |
| | 790 | MBh | 23.6 | 24.0 | 24.7 | 25.7 | 23.4 | 23.8 | 24.4 | 25.5 | 22.8 | 23.1 | 23.8 | 24.9 | 21.8 | 22.1 | **22.8** | 23.9 | 20.5 | 20.8 | 21.5 | 22.6 | 19.3 | 19.7 | 20.4 | 21.4 |
| | | S/T | 0.97 | 0.89 | 0.75 | 0.60 | 1.00 | 0.90 | 0.75 | 0.60 | 1.00 | 0.92 | 0.78 | 0.63 | 1.00 | 0.94 | **0.80** | 0.65 | 1.00 | 1.00 | 0.82 | 0.67 | 1.00 | 1.00 | 0.88 | 0.73 |
| | | ΔT | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | **22** | 18 | 27 | 25 | 21 | 18 | 28 | 26 | 23 | 19 |
| | | kW | 1.40 | 1.40 | 1.40 | 1.41 | 1.59 | 1.59 | 1.58 | 1.60 | 1.80 | 1.80 | 1.79 | 1.81 | 2.02 | 2.02 | **2.02** | 2.03 | 2.27 | 2.27 | 2.27 | 2.28 | 2.57 | 2.57 | 2.57 | 2.58 |
| | | Amps | 5.3 | 5.3 | 5.3 | 5.3 | 6.1 | 6.1 | 6.1 | 6.2 | 7.0 | 7.0 | 7.0 | 7.1 | 8.0 | 8.0 | **8.0** | 8.0 | 9.1 | 9.1 | 9.1 | 9.1 | 10.4 | 10.4 | 10.4 | 10.4 |
| | | Hi PR | 271 | 272 | 274 | 279 | 313 | 314 | 316 | 321 | 357 | 359 | 360 | 365 | 405 | 406 | **408** | 413 | 456 | 458 | 459 | 464 | 511 | 512 | 514 | 519 |
| | | Lo PR | 122 | 123 | 126 | 131 | 129 | 131 | 134 | 139 | 135 | 137 | 140 | 145 | 141 | 142 | **145** | 150 | 146 | 148 | 151 | 156 | 153 | 154 | 157 | 162 |
| | 910 | MBh | 24.1 | 24.4 | 25.1 | 26.2 | 23.9 | 24.2 | 24.9 | 26.0 | 23.3 | 23.6 | 24.3 | 25.4 | 22.2 | 22.6 | 23.3 | 24.3 | 21.0 | 21.3 | 22.0 | 23.0 | 19.8 | 20.1 | 20.8 | 21.9 |
| | | S/T | 1.00 | 0.93 | 0.79 | 0.64 | 1.00 | 0.94 | 0.79 | 0.64 | 1.00 | 0.96 | 0.82 | 0.67 | 1.00 | 0.98 | 0.84 | 0.69 | 1.00 | 1.00 | 0.86 | 0.71 | 1.00 | 1.00 | 0.92 | 0.77 |
| | | ΔT | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 20 | 17 | 27 | 25 | 21 | 18 |
| | | kW | 1.41 | 1.41 | 1.41 | 1.42 | 1.60 | 1.60 | 1.59 | 1.61 | 1.81 | 1.80 | 1.80 | 1.82 | 2.03 | 2.03 | 2.03 | 2.04 | 2.28 | 2.28 | 2.28 | 2.29 | 2.58 | 2.58 | 2.58 | 2.59 |
| | | Amps | 5.3 | 5.3 | 5.3 | 5.4 | 6.2 | 6.2 | 6.1 | 6.2 | 7.1 | 7.1 | 7.0 | 7.1 | 8.0 | 8.0 | 8.0 | 8.1 | 9.1 | 9.1 | 9.1 | 9.2 | 10.4 | 10.4 | 10.4 | 10.5 |
| | | Hi PR | 273 | 275 | 277 | 281 | 316 | 317 | 319 | 323 | 360 | 361 | 363 | 368 | 408 | 409 | 411 | 415 | 459 | 460 | 462 | 467 | 514 | 515 | 517 | 522 |
| | | Lo PR | 124 | 126 | 129 | 134 | 131 | 133 | 136 | 141 | 138 | 139 | 142 | 147 | 143 | 145 | 148 | 153 | 149 | 150 | 153 | 158 | 155 | 157 | 160 | 165 |
| 85 | 670 | MBh | 23.7 | 24.0 | 24.7 | 25.7 | 23.5 | 23.8 | 24.5 | 25.5 | 22.8 | 23.2 | 23.9 | 24.9 | 21.8 | 22.1 | 22.8 | 23.9 | 20.5 | 20.9 | 21.6 | 22.6 | 19.4 | 19.7 | 20.4 | 21.4 |
| | | S/T | 1.00 | 0.91 | 0.77 | 0.62 | 1.00 | 0.92 | 0.78 | 0.63 | 1.00 | 1.00 | 0.80 | 0.65 | 1.00 | 1.00 | 0.82 | 0.67 | 1.00 | 1.00 | 0.85 | 0.70 | 1.00 | 1.00 | 0.90 | 0.75 |
| | | ΔT | 32 | 30 | 27 | 23 | 32 | 30 | 27 | 23 | 32 | 30 | 27 | 23 | 32 | 30 | 27 | 23 | 32 | 30 | 26 | 23 | 33 | 31 | 28 | 24 |
| | | kW | 1.39 | 1.39 | 1.39 | 1.40 | 1.58 | 1.58 | 1.57 | 1.59 | 1.79 | 1.79 | 1.78 | 1.80 | 2.01 | 2.01 | 2.01 | 2.02 | 2.27 | 2.26 | 2.26 | 2.28 | 2.56 | 2.56 | 2.56 | 2.57 |
| | | Amps | 5.3 | 5.3 | 5.2 | 5.3 | 6.1 | 6.1 | 6.1 | 6.1 | 7.0 | 7.0 | 7.0 | 7.0 | 8.0 | 8.0 | 7.9 | 8.0 | 9.1 | 9.1 | 9.0 | 9.1 | 10.4 | 10.3 | 10.3 | 10.4 |
| | | Hi PR | 269 | 270 | 272 | 277 | 312 | 313 | 315 | 319 | 356 | 357 | 359 | 364 | 403 | 405 | 407 | 411 | 455 | 456 | 458 | 463 | 510 | 511 | 513 | 517 |
| | | Lo PR | 121 | 123 | 126 | 131 | 129 | 130 | 133 | 138 | 135 | 137 | 140 | 145 | 141 | 142 | 145 | 150 | 146 | 147 | 150 | 155 | 152 | 154 | 157 | 162 |
| | 790 | MBh | 24.0 | 24.4 | 25.0 | 26.1 | 23.8 | 24.1 | 24.8 | 25.9 | 23.2 | 23.5 | 24.2 | 25.3 | 22.2 | 22.5 | 23.2 | 24.2 | 20.9 | 21.2 | 21.9 | 23.0 | 19.7 | 20.1 | 20.8 | 21.8 |
| | | S/T | 1.00 | 1.00 | 0.85 | 0.70 | 1.00 | 1.00 | 0.86 | 0.71 | 1.00 | 1.00 | 0.89 | 0.73 | 1.00 | 1.00 | 0.91 | 0.76 | 1.00 | 1.00 | 0.93 | 0.78 | 1.00 | 1.00 | 1.00 | 0.83 |
| | | ΔT | 31 | 29 | 25 | 22 | 31 | 29 | 25 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 25 | 22 | 30 | 29 | 25 | 22 | 32 | 30 | 26 | 23 |
| | | kW | 1.40 | 1.40 | 1.40 | 1.41 | 1.59 | 1.59 | 1.59 | 1.60 | 1.80 | 1.80 | 1.80 | 1.81 | 2.03 | 2.02 | 2.02 | 2.04 | 2.28 | 2.28 | 2.27 | 2.29 | 2.57 | 2.57 | 2.57 | 2.58 |
| | | Amps | 5.3 | 5.3 | 5.3 | 5.4 | 6.1 | 6.1 | 6.1 | 6.2 | 7.0 | 7.0 | 7.0 | 7.1 | 8.0 | 8.0 | 8.0 | 8.1 | 9.1 | 9.1 | 9.1 | 9.2 | 10.4 | 10.4 | 10.4 | 10.4 |
| | | Hi PR | 272 | 273 | 275 | 280 | 314 | 315 | 317 | 322 | 359 | 360 | 362 | 366 | 406 | 407 | 409 | 414 | 458 | 459 | 461 | 465 | 513 | 514 | 516 | 520 |
| | | Lo PR | 124 | 125 | 128 | 133 | 131 | 132 | 135 | 140 | 137 | 139 | 142 | 147 | 143 | 144 | 147 | 152 | 148 | 149 | 152 | 158 | 155 | 156 | 159 | 164 |
| | 910 | MBh | 24.5 | 24.8 | 25.5 | 26.6 | 24.3 | 24.6 | 25.3 | 26.4 | 23.7 | 24.0 | 24.7 | 25.7 | 22.6 | 23.0 | 23.6 | 24.7 | 21.4 | 21.7 | 22.4 | 23.4 | 20.2 | 20.5 | 21.2 | 22.3 |
| | | S/T | 1.00 | 1.00 | 0.89 | 0.74 | 1.00 | 1.00 | 0.90 | 0.75 | 1.00 | 1.00 | 0.93 | 0.78 | 1.00 | 1.00 | 0.95 | 0.80 | 1.00 | 1.00 | 0.97 | 0.82 | 1.00 | 1.00 | 1.00 | 0.87 |
| | | ΔT | 30 | 28 | 24 | 21 | 30 | 28 | 24 | 21 | 30 | 28 | 24 | 21 | 30 | 28 | 24 | 21 | 29 | 27 | 24 | 20 | 30 | 29 | 25 | 22 |
| | | kW | 1.41 | 1.41 | 1.41 | 1.42 | 1.60 | 1.60 | 1.60 | 1.61 | 1.81 | 1.81 | 1.81 | 1.82 | 2.04 | 2.03 | 2.03 | 2.05 | 2.29 | 2.29 | 2.28 | 2.30 | 2.58 | 2.58 | 2.58 | 2.59 |
| | | Amps | 5.4 | 5.4 | 5.3 | 5.4 | 6.2 | 6.2 | 6.2 | 6.2 | 7.1 | 7.1 | 7.1 | 7.1 | 8.1 | 8.1 | 8.0 | 8.1 | 9.2 | 9.2 | 9.1 | 9.2 | 10.4 | 10.4 | 10.4 | 10.5 |
| | | Hi PR | 275 | 276 | 278 | 282 | 317 | 318 | 320 | 325 | 361 | 362 | 364 | 369 | 409 | 410 | 412 | 417 | 460 | 462 | 463 | 468 | 515 | 516 | 518 | 523 |
| | | Lo PR | 126 | 127 | 131 | 136 | 133 | 135 | 138 | 143 | 140 | 141 | 144 | 149 | 145 | 147 | 150 | 155 | 150 | 152 | 155 | 160 | 157 | 158 | 161 | 167 |

IDB = Entering Indoor Dry Bulb Temperature

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

Shaded area is AHRI (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

## Expanded Cooling Data — DX17VSS241AA / CA*EA1818*4A* + DM96VC0803BNA* at 70%

| | | | 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 | 550 | MBh | 16.6 | 16.9 | 17.4 | - | 16.5 | 16.7 | 17.2 | - | 16.0 | 16.3 | 16.8 | - | 15.3 | 15.5 | 16.0 | - | 14.4 | 14.6 | 15.1 | - | 13.5 | 13.8 | 14.3 | - |
| | | S/T | 0.64 | 0.55 | 0.41 | - | 0.64 | 0.56 | 0.41 | - | 0.67 | 0.59 | 0.44 | - | 0.69 | 0.61 | 0.46 | - | 1.00 | 0.63 | 0.49 | - | 1.00 | 0.69 | 0.54 | - |
| | | ΔT | 20 | 18 | 14 | - | 20 | 18 | 14 | - | 20 | 18 | 15 | - | 20 | 18 | 14 | - | 19 | 18 | 14 | - | 20 | 19 | 15 | - |
| | | kW | 0.87 | 0.87 | 0.87 | - | 0.99 | 0.99 | 0.99 | - | 1.12 | 1.12 | 1.12 | - | 1.26 | 1.26 | 1.26 | - | 1.42 | 1.42 | 1.42 | - | 1.61 | 1.61 | 1.61 | - |
| | | Amps | 3.3 | 3.3 | 3.3 | - | 3.8 | 3.8 | 3.8 | - | 4.4 | 4.4 | 4.4 | - | 5.0 | 5.0 | 5.0 | - | 5.7 | 5.7 | 5.7 | - | 6.5 | 6.5 | 6.5 | - |
| | | Hi PR | 255 | 257 | 258 | - | 296 | 297 | 299 | - | 338 | 339 | 341 | - | 384 | 385 | 387 | - | 433 | 434 | 436 | - | 485 | 486 | 488 | - |
| | | Lo PR | 122 | 124 | 127 | - | 130 | 131 | 135 | - | 136 | 138 | 141 | - | 142 | 144 | 147 | - | 147 | 149 | 152 | - | 154 | 156 | 159 | - |
| | 650 | MBh | 16.9 | 17.1 | 17.6 | - | 16.7 | 17.0 | 17.5 | - | 16.3 | 16.5 | 17.0 | - | 15.6 | 15.8 | 16.3 | - | 14.6 | 14.9 | 15.4 | - | 13.8 | 14.0 | 14.5 | - |
| | | S/T | 0.72 | 0.64 | 0.49 | - | 0.73 | 0.64 | 0.50 | - | 0.75 | 0.67 | 0.52 | - | 1.00 | 0.69 | 0.55 | - | 1.00 | 0.72 | 0.57 | - | 1.00 | 0.77 | 0.63 | - |
| | | ΔT | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 17 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 19 | 17 | 14 | - |
| | | kW | 0.88 | 0.88 | 0.88 | - | 1.00 | 1.00 | 1.00 | - | 1.13 | 1.13 | 1.13 | - | 1.27 | 1.27 | 1.27 | - | 1.43 | 1.43 | 1.43 | - | 1.62 | 1.62 | 1.61 | - |
| | | Amps | 3.3 | 3.3 | 3.3 | - | 3.8 | 3.8 | 3.8 | - | 4.4 | 4.4 | 4.4 | - | 5.0 | 5.0 | 5.0 | - | 5.7 | 5.7 | 5.7 | - | 6.5 | 6.5 | 6.5 | - |
| | | Hi PR | 258 | 259 | 261 | - | 299 | 300 | 302 | - | 341 | 342 | 344 | - | 386 | 388 | 389 | - | 436 | 437 | 439 | - | 488 | 489 | 491 | - |
| | | Lo PR | 125 | 126 | 129 | - | 132 | 134 | 137 | - | 139 | 140 | 143 | - | 144 | 146 | 149 | - | 150 | 151 | 154 | - | 156 | 158 | 161 | - |
| | 750 | MBh | 17.2 | 17.5 | 18.0 | - | 17.1 | 17.3 | 17.8 | - | 16.6 | 16.9 | 17.4 | - | 15.9 | 16.1 | 16.6 | - | 15.0 | 15.2 | 15.7 | - | 14.1 | 14.4 | 14.9 | - |
| | | S/T | 0.76 | 0.68 | 0.53 | - | 0.77 | 0.69 | 0.54 | - | 0.80 | 0.71 | 0.57 | - | 1.00 | 0.73 | 0.59 | - | 1.00 | 0.76 | 0.61 | - | 1.00 | 0.81 | 0.67 | - |
| | | ΔT | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 16 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 18 | 16 | 13 | - |
| | | kW | 0.89 | 0.89 | 0.88 | - | 1.01 | 1.00 | 1.00 | - | 1.14 | 1.14 | 1.13 | - | 1.28 | 1.28 | 1.28 | - | 1.44 | 1.44 | 1.43 | - | 1.62 | 1.62 | 1.62 | - |
| | | Amps | 3.4 | 3.4 | 3.4 | - | 3.9 | 3.9 | 3.9 | - | 4.4 | 4.4 | 4.4 | - | 5.1 | 5.1 | 5.1 | - | 5.8 | 5.7 | 5.7 | - | 6.6 | 6.6 | 6.6 | - |
| | | Hi PR | 261 | 262 | 264 | - | 301 | 302 | 304 | - | 344 | 345 | 346 | - | 389 | 390 | 392 | - | 438 | 439 | 441 | - | 491 | 492 | 494 | - |
| | | Lo PR | 127 | 129 | 132 | - | 135 | 136 | 139 | - | 141 | 143 | 146 | - | 147 | 148 | 151 | - | 152 | 154 | 157 | - | 159 | 160 | 164 | - |
| 75 | 550 | MBh | 16.6 | 16.9 | 17.4 | 18.1 | 16.5 | 16.7 | 17.2 | 18.0 | 16.1 | 16.3 | 16.8 | 17.6 | 15.3 | 15.5 | 16.0 | 16.8 | 14.4 | 14.6 | 15.1 | 15.9 | 13.6 | 13.8 | 14.3 | 15.1 |
| | | S/T | 0.77 | 0.69 | 0.55 | 0.39 | 0.78 | 0.70 | 0.55 | 0.40 | 1.00 | 0.73 | 0.58 | 0.43 | 1.00 | 0.75 | 0.60 | 0.45 | 1.00 | 0.77 | 0.62 | 0.47 | 1.00 | 1.00 | 0.68 | 0.53 |
| | | ΔT | 24 | 22 | 18 | 15 | 23 | 22 | 18 | 15 | 24 | 22 | 19 | 15 | 23 | 22 | 18 | 15 | 23 | 21 | 18 | 15 | 24 | 23 | 19 | 16 |
| | | kW | 0.87 | 0.87 | 0.87 | 0.88 | 0.99 | 0.99 | 0.99 | 1.00 | 1.12 | 1.12 | 1.12 | 1.13 | 1.26 | 1.26 | 1.26 | 1.27 | 1.42 | 1.42 | 1.42 | 1.43 | 1.61 | 1.61 | 1.61 | 1.61 |
| | | Amps | 3.3 | 3.3 | 3.3 | 3.3 | 3.8 | 3.8 | 3.8 | 3.8 | 4.4 | 4.4 | 4.4 | 4.4 | 5.0 | 5.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.7 | 5.7 | 6.5 | 6.5 | 6.5 | 6.5 |
| | | Hi PR | 256 | 257 | 259 | 263 | 296 | 297 | 299 | 303 | 338 | 340 | 341 | 346 | 384 | 385 | 387 | 391 | 433 | 434 | 436 | 441 | 486 | 487 | 489 | 493 |
| | | Lo PR | 122 | 124 | 127 | 132 | 130 | 131 | 135 | 140 | 136 | 138 | 141 | 146 | 142 | 144 | 147 | 152 | 147 | 149 | 152 | 157 | 154 | 156 | 159 | 164 |
| | 650 | MBh | 16.9 | 17.1 | 17.6 | 18.4 | 16.8 | 17.0 | 17.5 | 18.3 | 16.3 | 16.6 | 17.1 | 17.8 | 15.6 | 15.8 | 16.3 | 17.1 | 14.7 | 14.9 | 15.4 | 16.2 | 13.8 | 14.1 | 14.6 | 15.3 |
| | | S/T | 0.86 | 0.78 | 0.63 | 0.48 | 0.87 | 0.78 | 0.64 | 0.48 | 1.00 | 0.81 | 0.66 | 0.51 | 1.00 | 0.83 | 0.69 | 0.53 | 1.00 | 0.86 | 0.71 | 0.55 | 1.00 | 1.00 | 0.76 | 0.61 |
| | | ΔT | 22 | 20 | 17 | 14 | 22 | 20 | 17 | 14 | 22 | 21 | 17 | 14 | 22 | 20 | 17 | 14 | 22 | 20 | 17 | 13 | 23 | 21 | 18 | 14 |
| | | kW | 0.88 | 0.88 | 0.88 | 0.89 | 1.00 | 1.00 | 1.00 | 1.00 | 1.13 | 1.13 | 1.13 | 1.14 | 1.27 | 1.27 | 1.27 | 1.28 | 1.43 | 1.43 | 1.43 | 1.44 | 1.62 | 1.62 | 1.61 | 1.62 |
| | | Amps | 3.3 | 3.3 | 3.3 | 3.4 | 3.8 | 3.8 | 3.8 | 3.9 | 4.4 | 4.4 | 4.4 | 4.4 | 5.0 | 5.0 | 5.0 | 5.1 | 5.7 | 5.7 | 5.7 | 5.7 | 6.5 | 6.5 | 6.5 | 6.6 |
| | | Hi PR | 258 | 260 | 261 | 266 | 299 | 300 | 302 | 306 | 341 | 342 | 344 | 349 | 387 | 388 | 390 | 394 | 436 | 437 | 439 | 443 | 488 | 489 | 491 | 496 |
| | | Lo PR | 125 | 126 | 129 | 135 | 132 | 134 | 137 | 142 | 139 | 140 | 143 | 149 | 144 | 146 | 149 | 154 | 150 | 151 | 154 | 160 | 156 | 158 | 161 | 166 |
| | 750 | MBh | 17.2 | 17.5 | 18.0 | 18.7 | 17.1 | 17.3 | 17.8 | 18.6 | 16.7 | 16.9 | 17.4 | 18.1 | 15.9 | 16.1 | 16.6 | 17.4 | 15.0 | 15.2 | 15.7 | 16.5 | 14.2 | 14.4 | 14.9 | 15.6 |
| | | S/T | 0.90 | 0.82 | 0.67 | 0.52 | 1.00 | 0.83 | 0.68 | 0.52 | 1.00 | 0.85 | 0.71 | 0.55 | 1.00 | 0.87 | 0.73 | 0.57 | 1.00 | 0.90 | 0.75 | 0.60 | 1.00 | 1.00 | 0.81 | 0.65 |
| | | ΔT | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 13 | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 22 | 20 | 17 | 13 |
| | | kW | 0.89 | 0.89 | 0.88 | 0.89 | 1.00 | 1.00 | 1.00 | 1.01 | 1.14 | 1.13 | 1.13 | 1.14 | 1.28 | 1.28 | 1.27 | 1.28 | 1.44 | 1.44 | 1.43 | 1.44 | 1.62 | 1.62 | 1.62 | 1.63 |
| | | Amps | 3.4 | 3.4 | 3.3 | 3.4 | 3.9 | 3.9 | 3.9 | 3.9 | 4.4 | 4.4 | 4.4 | 4.5 | 5.1 | 5.1 | 5.0 | 5.1 | 5.8 | 5.7 | 5.7 | 5.8 | 6.6 | 6.6 | 6.5 | 6.6 |
| | | Hi PR | 261 | 262 | 264 | 268 | 301 | 303 | 304 | 309 | 344 | 345 | 347 | 351 | 389 | 390 | 392 | 397 | 438 | 440 | 441 | 446 | 491 | 492 | 494 | 498 |
| | | Lo PR | 127 | 129 | 132 | 137 | 135 | 136 | 139 | 145 | 141 | 143 | 146 | 151 | 147 | 148 | 151 | 157 | 152 | 154 | 157 | 162 | 159 | 160 | 164 | 169 |

IDB = Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS241AA / CA*EA1818*4A* + DM96VC0803BNA* at 70%

| | | | 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 | 550 | MBh | 16.7 | 17.0 | 17.5 | 18.2 | 16.6 | 16.8 | 17.3 | 18.1 | 16.1 | 16.4 | 16.9 | 17.6 | 15.4 | 15.6 | 16.1 | 16.9 | 14.5 | 14.7 | 15.2 | 16.0 | 13.6 | 13.9 | 14.4 | 15.1 |
| | | S/T | 1.00 | 0.83 | 0.68 | 0.53 | 1.00 | 0.83 | 0.69 | 0.53 | 1.00 | 0.86 | 0.72 | 0.56 | 1.00 | 0.88 | 0.74 | 0.58 | 1.00 | 1.00 | 0.76 | 0.61 | 1.00 | 1.00 | 0.82 | 0.66 |
| | | ΔT | 27 | 26 | 22 | 19 | 27 | 26 | 22 | 19 | 28 | 26 | 23 | 19 | 27 | 26 | 22 | 19 | 27 | 25 | 22 | 19 | 28 | 27 | 23 | 20 |
| | | kW | 0.87 | 0.87 | 0.87 | 0.88 | 0.99 | 0.99 | 0.99 | 1.00 | 1.12 | 1.12 | 1.12 | 1.13 | 1.26 | 1.26 | 1.26 | 1.27 | 1.42 | 1.42 | 1.42 | 1.43 | 1.61 | 1.61 | 1.61 | 1.62 |
| | | Amps | 3.3 | 3.3 | 3.3 | 3.3 | 3.8 | 3.8 | 3.8 | 3.8 | 4.4 | 4.4 | 4.4 | 4.4 | 5.0 | 5.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.7 | 5.7 | 6.5 | 6.5 | 6.5 | 6.5 |
| | | Hi PR | 256 | 257 | 259 | 264 | 297 | 298 | 300 | 304 | 339 | 340 | 342 | 346 | 384 | 386 | 387 | 392 | 434 | 435 | 437 | 441 | 486 | 487 | 489 | 493 |
| | | Lo PR | 123 | 125 | 128 | 133 | 130 | 132 | 135 | 140 | 137 | 139 | 142 | 147 | 143 | 144 | 147 | 152 | 148 | 150 | 153 | 158 | 155 | 156 | 159 | 165 |
| | 650 | MBh | 17.0 | 17.2 | 17.7 | 18.5 | 16.8 | 17.1 | 17.6 | 18.3 | 16.4 | 16.6 | 17.1 | 17.9 | 15.7 | 15.9 | **16.4** | 17.2 | 14.7 | 15.0 | 15.5 | 16.2 | 13.9 | 14.1 | 14.6 | 15.4 |
| | | S/T | 1.00 | 0.91 | 0.77 | 0.61 | 1.00 | 0.92 | 0.77 | 0.62 | 1.00 | 0.95 | 0.80 | 0.65 | 1.00 | 1.00 | **0.82** | 0.67 | 1.00 | 1.00 | 0.84 | 0.69 | 1.00 | 1.00 | 0.90 | 0.75 |
| | | ΔT | 26 | 24 | 21 | 18 | 26 | 24 | 21 | 17 | 26 | 25 | 21 | 18 | 26 | 24 | **21** | 17 | 26 | 24 | 21 | 17 | 27 | 25 | 22 | 18 |
| | | kW | 0.88 | 0.88 | 0.88 | 0.89 | 1.00 | 1.00 | 1.00 | 1.00 | 1.13 | 1.13 | 1.13 | 1.14 | 1.27 | 1.27 | **1.27** | 1.28 | 1.43 | 1.43 | 1.43 | 1.44 | 1.62 | 1.62 | 1.61 | 1.62 |
| | | Amps | 3.3 | 3.3 | 3.3 | 3.4 | 3.8 | 3.8 | 3.8 | 3.9 | 4.4 | 4.4 | 4.4 | 4.4 | 5.0 | 5.0 | **5.0** | 5.1 | 5.7 | 5.7 | 5.7 | 5.8 | 6.5 | 6.5 | 6.5 | 6.6 |
| | | Hi PR | 259 | 260 | 262 | 266 | 299 | 300 | 302 | 307 | 342 | 343 | 345 | 349 | 387 | 388 | **390** | 395 | 436 | 437 | 439 | 444 | 489 | 490 | 492 | 496 |
| | | Lo PR | 125 | 127 | 130 | 135 | 133 | 134 | 137 | 143 | 139 | 141 | 144 | 149 | 145 | 146 | **149** | 155 | 150 | 152 | 155 | 160 | 157 | 159 | 162 | 167 |
| | 750 | MBh | 17.3 | 17.6 | 18.1 | 18.8 | 17.2 | 17.4 | 17.9 | 18.7 | 16.7 | 17.0 | 17.5 | 18.2 | 16.0 | 16.2 | 16.7 | 17.5 | 15.1 | 15.3 | 15.8 | 16.6 | 14.2 | 14.5 | 15.0 | 15.7 |
| | | S/T | 1.00 | 0.95 | 0.81 | 0.65 | 1.00 | 0.96 | 0.81 | 0.66 | 1.00 | 0.99 | 0.84 | 0.69 | 1.00 | 1.00 | 0.86 | 0.71 | 1.00 | 1.00 | 0.89 | 0.73 | 1.00 | 1.00 | 0.94 | 0.79 |
| | | ΔT | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 17 | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 26 | 24 | 21 | 17 |
| | | kW | 0.89 | 0.89 | 0.88 | 0.89 | 1.01 | 1.00 | 1.00 | 1.01 | 1.14 | 1.14 | 1.13 | 1.14 | 1.28 | 1.28 | 1.28 | 1.28 | 1.44 | 1.44 | 1.43 | 1.44 | 1.62 | 1.62 | 1.62 | 1.63 |
| | | Amps | 3.4 | 3.4 | 3.4 | 3.4 | 3.9 | 3.9 | 3.9 | 3.9 | 4.4 | 4.4 | 4.4 | 4.5 | 5.1 | 5.1 | 5.1 | 5.1 | 5.8 | 5.7 | 5.7 | 5.8 | 6.6 | 6.6 | 6.5 | 6.6 |
| | | Hi PR | 261 | 263 | 264 | 269 | 302 | 303 | 305 | 309 | 344 | 345 | 347 | 352 | 390 | 391 | 393 | 397 | 439 | 440 | 442 | 446 | 491 | 492 | 494 | 499 |
| | | Lo PR | 128 | 129 | 132 | 138 | 135 | 137 | 140 | 145 | 142 | 143 | 146 | 152 | 147 | 149 | 152 | 157 | 153 | 154 | 157 | 163 | 160 | 161 | 164 | 169 |
| 85 | 550 | MBh | 17.0 | 17.2 | 17.7 | 18.5 | 16.9 | 17.1 | 17.6 | 18.4 | 16.4 | 16.7 | 17.2 | 17.9 | 15.7 | 15.9 | 16.4 | 17.2 | 14.8 | 15.0 | 15.5 | 16.3 | 13.9 | 14.2 | 14.7 | 15.4 |
| | | S/T | 1.00 | 0.94 | 0.79 | 0.64 | 1.00 | 0.94 | 0.80 | 0.64 | 1.00 | 1.00 | 0.82 | 0.67 | 1.00 | 1.00 | 0.85 | 0.69 | 1.00 | 1.00 | 0.87 | 0.72 | 1.00 | 1.00 | 1.00 | 0.77 |
| | | ΔT | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 23 | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 32 | 30 | 27 | 23 |
| | | kW | 0.88 | 0.87 | 0.87 | 0.88 | 0.99 | 0.99 | 0.99 | 1.00 | 1.12 | 1.12 | 1.12 | 1.13 | 1.27 | 1.27 | 1.26 | 1.27 | 1.43 | 1.42 | 1.42 | 1.43 | 1.61 | 1.61 | 1.61 | 1.62 |
| | | Amps | 3.3 | 3.3 | 3.3 | 3.3 | 3.8 | 3.8 | 3.8 | 3.9 | 4.4 | 4.4 | 4.4 | 4.4 | 5.0 | 5.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.7 | 5.7 | 6.5 | 6.5 | 6.5 | 6.5 |
| | | Hi PR | 257 | 259 | 260 | 265 | 298 | 299 | 301 | 305 | 340 | 341 | 343 | 347 | 386 | 387 | 389 | 393 | 435 | 436 | 438 | 442 | 487 | 488 | 490 | 495 |
| | | Lo PR | 125 | 126 | 130 | 135 | 132 | 134 | 137 | 142 | 139 | 140 | 144 | 149 | 144 | 146 | 149 | 154 | 150 | 151 | 154 | 160 | 157 | 158 | 161 | 167 |
| | 650 | MBh | 17.3 | 17.5 | 18.0 | 18.8 | 17.1 | 17.4 | 17.9 | 18.6 | 16.7 | 16.9 | 17.4 | 18.2 | 15.9 | 16.2 | 16.7 | 17.4 | 15.0 | 15.3 | 15.8 | 16.5 | 14.2 | 14.4 | 14.9 | 15.7 |
| | | S/T | 1.00 | 1.00 | 0.88 | 0.72 | 1.00 | 1.00 | 0.88 | 0.73 | 1.00 | 1.00 | 0.91 | 0.75 | 1.00 | 1.00 | 0.93 | 0.78 | 1.00 | 1.00 | 0.95 | 0.80 | 1.00 | 1.00 | 1.00 | 0.86 |
| | | ΔT | 30 | 28 | 25 | 21 | 30 | 28 | 24 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 24 | 21 | 29 | 28 | 24 | 21 | 30 | 29 | 25 | 22 |
| | | kW | 0.88 | 0.88 | 0.88 | 0.89 | 1.00 | 1.00 | 1.00 | 1.01 | 1.13 | 1.13 | 1.13 | 1.14 | 1.27 | 1.27 | 1.27 | 1.28 | 1.43 | 1.43 | 1.43 | 1.44 | 1.62 | 1.62 | 1.62 | 1.63 |
| | | Amps | 3.3 | 3.3 | 3.3 | 3.4 | 3.9 | 3.9 | 3.8 | 3.9 | 4.4 | 4.4 | 4.4 | 4.5 | 5.0 | 5.0 | 5.0 | 5.1 | 5.7 | 5.7 | 5.7 | 5.8 | 6.5 | 6.5 | 6.5 | 6.6 |
| | | Hi PR | 260 | 261 | 263 | 267 | 300 | 302 | 303 | 308 | 343 | 344 | 346 | 350 | 388 | 390 | 391 | 396 | 438 | 439 | 440 | 445 | 490 | 491 | 493 | 497 |
| | | Lo PR | 127 | 129 | 132 | 137 | 135 | 136 | 139 | 144 | 141 | 143 | 146 | 151 | 147 | 148 | 151 | 157 | 152 | 154 | 157 | 162 | 159 | 160 | 164 | 169 |
| | 750 | MBh | 17.6 | 17.8 | 18.3 | 19.1 | 17.5 | 17.7 | 18.2 | 19.0 | 17.0 | 17.3 | 17.8 | 18.5 | 16.3 | 16.5 | 17.0 | 17.8 | 15.4 | 15.6 | 16.1 | 16.9 | 14.5 | 14.8 | 15.3 | 16.0 |
| | | S/T | 1.00 | 1.00 | 0.92 | 0.76 | 1.00 | 1.00 | 0.92 | 0.77 | 1.00 | 1.00 | 0.95 | 0.80 | 1.00 | 1.00 | 0.97 | 0.82 | 1.00 | 1.00 | 1.00 | 0.84 | 1.00 | 1.00 | 1.00 | 0.90 |
| | | ΔT | 29 | 27 | 23 | 20 | 28 | 27 | 23 | 20 | 29 | 27 | 24 | 20 | 28 | 27 | 23 | 20 | 28 | 26 | 23 | 20 | 29 | 28 | 24 | 21 |
| | | kW | 0.89 | 0.89 | 0.89 | 0.90 | 1.01 | 1.01 | 1.00 | 1.01 | 1.14 | 1.14 | 1.14 | 1.14 | 1.28 | 1.28 | 1.28 | 1.29 | 1.44 | 1.44 | 1.44 | 1.45 | 1.63 | 1.62 | 1.62 | 1.63 |
| | | Amps | 3.4 | 3.4 | 3.4 | 3.4 | 3.9 | 3.9 | 3.9 | 3.9 | 4.5 | 4.5 | 4.4 | 4.5 | 5.1 | 5.1 | 5.1 | 5.1 | 5.8 | 5.8 | 5.8 | 5.8 | 6.6 | 6.6 | 6.6 | 6.6 |
| | | Hi PR | 263 | 264 | 266 | 270 | 303 | 304 | 306 | 310 | 345 | 347 | 348 | 353 | 391 | 392 | 394 | 398 | 440 | 441 | 443 | 448 | 493 | 494 | 495 | 500 |
| | | Lo PR | 130 | 131 | 134 | 139 | 137 | 139 | 142 | 147 | 144 | 145 | 148 | 153 | 149 | 151 | 154 | 159 | 155 | 156 | 159 | 164 | 161 | 163 | 166 | 171 |

IDB = Entering Indoor Dry Bulb Temperature

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

Shaded area is AHRI (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

## Expanded Cooling Data — DX17VSS301AA / CA*EA2422*4A* + DM96VC0803BNA* at 100%

| | | | 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 | 860 | MBh | 28.8 | 29.2 | 30.1 | - | 28.6 | 29.0 | 29.8 | - | 27.8 | 28.2 | 29.1 | - | 26.5 | 26.9 | 27.8 | - | 24.9 | 25.3 | 26.2 | - | 23.5 | 23.9 | 24.8 | - |
| | | S/T | 0.63 | 0.55 | 0.40 | - | 0.64 | 0.56 | 0.41 | - | 0.66 | 0.58 | 0.44 | - | 0.68 | 0.60 | 0.46 | - | 0.71 | 0.63 | 0.48 | - | 1.00 | 0.68 | 0.54 | - |
| | | ΔT | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 21 | 19 | 16 | - |
| | | kW | 1.86 | 1.86 | 1.85 | - | 2.10 | 2.09 | 2.09 | - | 2.36 | 2.36 | 2.35 | - | 2.65 | 2.64 | 2.64 | - | 2.96 | 2.96 | 2.96 | - | 3.34 | 3.34 | 3.33 | - |
| | | Amps | 6.8 | 6.8 | 6.8 | - | 7.8 | 7.8 | 7.8 | - | 9.0 | 9.0 | 9.0 | - | 10.2 | 10.2 | 10.2 | - | 11.6 | 11.6 | 11.6 | - | 13.2 | 13.2 | 13.2 | - |
| | | Hi PR | 279 | 280 | 282 | - | 323 | 325 | 326 | - | 370 | 371 | 373 | - | 419 | 421 | 422 | - | 473 | 474 | 476 | - | 530 | 531 | 533 | - |
| | | Lo PR | 119 | 120 | 123 | - | 126 | 127 | 130 | - | 132 | 134 | 137 | - | 138 | 139 | 142 | - | 143 | 144 | 147 | - | 149 | 151 | 154 | - |
| | 1010 | MBh | 29.3 | 29.7 | 30.5 | - | 29.0 | 29.4 | 30.3 | - | 28.3 | 28.7 | 29.5 | - | 27.0 | 27.4 | 28.2 | - | 25.4 | 25.8 | 26.6 | - | 23.9 | 24.3 | 25.2 | - |
| | | S/T | 0.71 | 0.63 | 0.48 | - | 0.72 | 0.64 | 0.49 | - | 0.74 | 0.66 | 0.52 | - | 0.76 | 0.68 | 0.54 | - | 1.00 | 0.71 | 0.56 | - | 1.00 | 0.76 | 0.62 | - |
| | | ΔT | 19 | 17 | 13 | - | 19 | 17 | 13 | - | 19 | 17 | 14 | - | 19 | 17 | 13 | - | 18 | 17 | 13 | - | 20 | 18 | 14 | - |
| | | kW | 1.87 | 1.87 | 1.87 | - | 2.11 | 2.11 | 2.11 | - | 2.38 | 2.37 | 2.37 | - | 2.66 | 2.66 | 2.65 | - | 2.98 | 2.98 | 2.97 | - | 3.35 | 3.35 | 3.35 | - |
| | | Amps | 6.9 | 6.9 | 6.9 | - | 7.9 | 7.9 | 7.9 | - | 9.1 | 9.0 | 9.0 | - | 10.3 | 10.3 | 10.3 | - | 11.7 | 11.7 | 11.7 | - | 13.3 | 13.3 | 13.3 | - |
| | | Hi PR | 282 | 283 | 285 | - | 326 | 327 | 329 | - | 372 | 374 | 376 | - | 422 | 423 | 425 | - | 476 | 477 | 479 | - | 533 | 534 | 536 | - |
| | | Lo PR | 121 | 122 | 125 | - | 128 | 129 | 132 | - | 134 | 136 | 139 | - | 140 | 141 | 144 | - | 145 | 146 | 149 | - | 151 | 153 | 156 | - |
| | 1160 | MBh | 29.8 | 30.2 | 31.1 | - | 29.6 | 30.0 | 30.8 | - | 28.8 | 29.2 | 30.1 | - | 27.5 | 27.9 | 28.8 | - | 25.9 | 26.3 | 27.2 | - | 24.5 | 24.9 | 25.8 | - |
| | | S/T | 0.75 | 0.67 | 0.52 | - | 0.76 | 0.68 | 0.53 | - | 0.78 | 0.70 | 0.56 | - | 0.80 | 0.72 | 0.58 | - | 1.00 | 0.75 | 0.60 | - | 1.00 | 0.80 | 0.66 | - |
| | | ΔT | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 17 | 15 | 12 | - | 18 | 17 | 13 | - |
| | | kW | 1.89 | 1.89 | 1.88 | - | 2.12 | 2.12 | 2.12 | - | 2.39 | 2.39 | 2.38 | - | 2.67 | 2.67 | 2.67 | - | 2.99 | 2.99 | 2.99 | - | 3.37 | 3.36 | 3.36 | - |
| | | Amps | 6.9 | 6.9 | 6.9 | - | 8.0 | 7.9 | 7.9 | - | 9.1 | 9.1 | 9.1 | - | 10.3 | 10.3 | 10.3 | - | 11.7 | 11.7 | 11.7 | - | 13.4 | 13.4 | 13.3 | - |
| | | Hi PR | 285 | 286 | 288 | - | 329 | 330 | 332 | - | 375 | 376 | 378 | - | 425 | 426 | 428 | - | 479 | 480 | 482 | - | 536 | 537 | 539 | - |
| | | Lo PR | 123 | 124 | 127 | - | 130 | 132 | 135 | - | 137 | 138 | 141 | - | 142 | 143 | 146 | - | 147 | 149 | 152 | - | 154 | 155 | 158 | - |
| 75 | 860 | MBh | 28.8 | 29.3 | 30.1 | 31.4 | 28.6 | 29.0 | 29.9 | 31.2 | 27.8 | 28.2 | 29.1 | 30.4 | 26.5 | 26.9 | 27.8 | 29.1 | 24.9 | 25.4 | 26.2 | 27.5 | 23.5 | 23.9 | 24.8 | 26.1 |
| | | S/T | 0.77 | 0.69 | 0.54 | 0.39 | 0.77 | 0.69 | 0.55 | 0.40 | 0.80 | 0.72 | 0.58 | 0.42 | 1.00 | 0.74 | 0.60 | 0.44 | 1.00 | 0.76 | 0.62 | 0.47 | 1.00 | 0.82 | 0.67 | 0.52 |
| | | ΔT | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 16 | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 15 | 25 | 23 | 20 | 16 |
| | | kW | 1.86 | 1.86 | 1.85 | 1.87 | 2.09 | 2.09 | 2.09 | 2.11 | 2.36 | 2.36 | 2.35 | 2.37 | 2.64 | 2.64 | 2.64 | 2.66 | 2.96 | 2.96 | 2.96 | 2.98 | 3.34 | 3.34 | 3.33 | 3.35 |
| | | Amps | 6.8 | 6.8 | 6.8 | 6.9 | 7.8 | 7.8 | 7.8 | 7.9 | 9.0 | 9.0 | 9.0 | 9.0 | 10.2 | 10.2 | 10.2 | 10.3 | 11.6 | 11.6 | 11.6 | 11.7 | 13.2 | 13.2 | 13.2 | 13.3 |
| | | Hi PR | 279 | 281 | 283 | 287 | 324 | 325 | 327 | 332 | 370 | 371 | 373 | 378 | 420 | 421 | 423 | 428 | 473 | 474 | 476 | 481 | 530 | 532 | 534 | 539 |
| | | Lo PR | 119 | 120 | 123 | 128 | 126 | 127 | 130 | 135 | 132 | 134 | 137 | 142 | 138 | 139 | 142 | 147 | 143 | 144 | 147 | 152 | 149 | 151 | 154 | 159 |
| | 1010 | MBh | 29.3 | 29.7 | 30.6 | 31.9 | 29.0 | 29.4 | 30.3 | 31.6 | 28.3 | 28.7 | 29.5 | 30.9 | 27.0 | 27.4 | 28.3 | 29.6 | 25.4 | 25.8 | 26.7 | 28.0 | 23.9 | 24.4 | 25.2 | 26.5 |
| | | S/T | 0.85 | 0.77 | 0.62 | 0.47 | 0.85 | 0.77 | 0.63 | 0.48 | 1.00 | 0.80 | 0.65 | 0.50 | 1.00 | 0.82 | 0.68 | 0.52 | 1.00 | 0.84 | 0.70 | 0.55 | 1.00 | 0.90 | 0.75 | 0.60 |
| | | ΔT | 23 | 21 | 18 | 14 | 23 | 21 | 17 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 17 | 14 | 22 | 21 | 17 | 14 | 24 | 22 | 18 | 15 |
| | | kW | 1.87 | 1.87 | 1.87 | 1.89 | 2.11 | 2.11 | 2.10 | 2.12 | 2.37 | 2.37 | 2.37 | 2.39 | 2.66 | 2.66 | 2.65 | 2.67 | 2.98 | 2.98 | 2.97 | 2.99 | 3.35 | 3.35 | 3.35 | 3.36 |
| | | Amps | 6.9 | 6.9 | 6.8 | 6.9 | 7.9 | 7.9 | 7.9 | 8.0 | 9.0 | 9.0 | 9.0 | 9.1 | 10.3 | 10.3 | 10.3 | 10.3 | 11.7 | 11.7 | 11.6 | 11.7 | 13.3 | 13.3 | 13.3 | 13.4 |
| | | Hi PR | 282 | 283 | 285 | 290 | 326 | 328 | 330 | 334 | 373 | 374 | 376 | 381 | 422 | 424 | 426 | 430 | 476 | 477 | 479 | 484 | 533 | 535 | 537 | 541 |
| | | Lo PR | 121 | 122 | 125 | 130 | 128 | 129 | 132 | 137 | 134 | 136 | 139 | 144 | 140 | 141 | 144 | 149 | 145 | 146 | 149 | 154 | 151 | 153 | 156 | 161 |
| | 1160 | MBh | 29.8 | 30.2 | 31.1 | 32.4 | 29.6 | 30.0 | 30.9 | 32.2 | 28.8 | 29.2 | 30.1 | 31.4 | 27.5 | 27.9 | 28.8 | 30.1 | 25.9 | 26.4 | 27.2 | 28.5 | 24.5 | 24.9 | 25.8 | 27.1 |
| | | S/T | 0.89 | 0.81 | 0.66 | 0.51 | 0.89 | 0.81 | 0.67 | 0.52 | 1.00 | 0.84 | 0.70 | 0.54 | 1.00 | 0.86 | 0.72 | 0.56 | 1.00 | 0.88 | 0.74 | 0.59 | 1.00 | 1.00 | 0.79 | 0.64 |
| | | ΔT | 22 | 20 | 16 | 13 | 22 | 20 | 16 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 16 | 13 | 21 | 20 | 16 | 13 | 23 | 21 | 17 | 14 |
| | | kW | 1.89 | 1.88 | 1.88 | 1.90 | 2.12 | 2.12 | 2.12 | 2.13 | 2.39 | 2.38 | 2.38 | 2.40 | 2.67 | 2.67 | 2.67 | 2.68 | 2.99 | 2.99 | 2.98 | 3.00 | 3.36 | 3.36 | 3.36 | 3.38 |
| | | Amps | 6.9 | 6.9 | 6.9 | 7.0 | 8.0 | 7.9 | 7.9 | 8.0 | 9.1 | 9.1 | 9.1 | 9.2 | 10.3 | 10.3 | 10.3 | 10.4 | 11.7 | 11.7 | 11.7 | 11.8 | 13.4 | 13.3 | 13.3 | 13.4 |
| | | Hi PR | 285 | 286 | 288 | 293 | 329 | 330 | 332 | 337 | 375 | 377 | 379 | 383 | 425 | 426 | 428 | 433 | 479 | 480 | 482 | 487 | 536 | 537 | 539 | 544 |
| | | Lo PR | 123 | 124 | 128 | 133 | 130 | 132 | 135 | 140 | 137 | 138 | 141 | 146 | 142 | 143 | 146 | 152 | 147 | 149 | 152 | 157 | 154 | 155 | 158 | 163 |

IDB = Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS301AA / CA*EA2422*4A* + DM96VC0803BNA* at 100%

| | | | 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 | 860 | MBh | 29.0 | 29.4 | 30.3 | 31.6 | 28.7 | 29.1 | 30.0 | 31.3 | 28.0 | 28.4 | 29.3 | 30.6 | 26.7 | 27.1 | 28.0 | 29.3 | 25.1 | 25.5 | 26.4 | 27.7 | 23.7 | 24.1 | 24.9 | 26.2 |
| | | S/T | 0.90 | 0.82 | 0.68 | 0.52 | 1.00 | 0.83 | 0.68 | 0.53 | 1.00 | 0.85 | 0.71 | 0.56 | 1.00 | 0.87 | 0.73 | 0.58 | 1.00 | 0.90 | 0.75 | 0.60 | 1.00 | 1.00 | 0.81 | 0.66 |
| | | ΔT | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 27 | 23 | 20 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 29 | 27 | 24 | 20 |
| | | kW | 1.86 | 1.86 | 1.85 | 1.87 | 2.10 | 2.09 | 2.09 | 2.11 | 2.36 | 2.36 | 2.35 | 2.37 | 2.65 | 2.64 | 2.64 | 2.66 | 2.96 | 2.96 | 2.96 | 2.98 | 3.34 | 3.34 | 3.33 | 3.35 |
| | | Amps | 6.8 | 6.8 | 6.8 | 6.9 | 7.8 | 7.8 | 7.8 | 7.9 | 9.0 | 9.0 | 9.0 | 9.0 | 10.2 | 10.2 | 10.2 | 10.3 | 11.6 | 11.6 | 11.6 | 11.7 | 13.2 | 13.2 | 13.2 | 13.3 |
| | | Hi PR | 280 | 281 | 283 | 288 | 324 | 325 | 327 | 332 | 370 | 371 | 373 | 378 | 420 | 421 | 423 | 428 | 474 | 475 | 477 | 482 | 531 | 532 | 534 | 539 |
| | | Lo PR | 119 | 121 | 124 | 129 | 126 | 128 | 131 | 136 | 133 | 134 | 137 | 142 | 138 | 140 | 143 | 148 | 143 | 145 | 148 | 153 | 150 | 151 | 154 | 159 |
| | 1010 | MBh | 29.4 | 29.8 | 30.7 | 32.0 | 29.2 | 29.6 | 30.5 | 31.8 | 28.4 | 28.8 | 29.7 | 31.0 | 27.1 | 27.5 | **28.4** | 29.7 | 25.5 | 26.0 | 26.8 | 28.1 | 24.1 | 24.5 | 25.4 | 26.7 |
| | | S/T | 0.98 | 0.90 | 0.76 | 0.60 | 1.00 | 0.91 | 0.76 | 0.61 | 1.00 | 0.93 | 0.79 | 0.64 | 1.00 | 0.95 | **0.81** | 0.66 | 1.00 | 1.00 | 0.83 | 0.68 | 1.00 | 1.00 | 0.89 | 0.74 |
| | | ΔT | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | **21** | 18 | 27 | 25 | 21 | 18 | 28 | 26 | 22 | 19 |
| | | kW | 1.87 | 1.87 | 1.87 | 1.89 | 2.11 | 2.11 | 2.11 | 2.12 | 2.37 | 2.37 | 2.37 | 2.39 | 2.66 | 2.66 | **2.65** | 2.67 | 2.98 | 2.98 | 2.97 | 2.99 | 3.35 | 3.35 | 3.35 | 3.37 |
| | | Amps | 6.9 | 6.9 | 6.9 | 6.9 | 7.9 | 7.9 | 7.9 | 8.0 | 9.1 | 9.0 | 9.0 | 9.1 | 10.3 | 10.3 | **10.3** | 10.3 | 11.7 | 11.7 | 11.7 | 11.7 | 13.3 | 13.3 | 13.3 | 13.4 |
| | | Hi PR | 283 | 284 | 286 | 291 | 327 | 328 | 330 | 335 | 373 | 374 | 376 | 381 | 423 | 424 | **426** | 431 | 477 | 478 | 480 | 485 | 534 | 535 | 537 | 542 |
| | | Lo PR | 121 | 123 | 126 | 131 | 128 | 130 | 133 | 138 | 135 | 136 | 139 | 144 | 140 | 142 | **145** | 150 | 145 | 147 | 150 | 155 | 152 | 153 | 156 | 162 |
| | 1160 | MBh | 30.0 | 30.4 | 31.3 | 32.6 | 29.7 | 30.1 | 31.0 | 32.3 | 29.0 | 29.4 | 30.2 | 31.6 | 27.7 | 28.1 | 29.0 | 30.3 | 26.1 | 26.5 | 27.4 | 28.7 | 24.6 | 25.1 | 25.9 | 27.2 |
| | | S/T | 1.00 | 0.94 | 0.80 | 0.64 | 1.00 | 0.95 | 0.80 | 0.65 | 1.00 | 0.97 | 0.83 | 0.68 | 1.00 | 0.99 | 0.85 | 0.70 | 1.00 | 1.00 | 0.87 | 0.72 | 1.00 | 1.00 | 0.93 | 0.78 |
| | | ΔT | 26 | 24 | 20 | 17 | 26 | 24 | 20 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 20 | 17 | 25 | 24 | 20 | 17 | 27 | 25 | 21 | 18 |
| | | kW | 1.89 | 1.88 | 1.88 | 1.90 | 2.12 | 2.12 | 2.12 | 2.14 | 2.39 | 2.38 | 2.38 | 2.40 | 2.67 | 2.67 | 2.67 | 2.68 | 2.99 | 2.99 | 2.99 | 3.00 | 3.37 | 3.36 | 3.36 | 3.38 |
| | | Amps | 6.9 | 6.9 | 6.9 | 7.0 | 8.0 | 7.9 | 7.9 | 8.0 | 9.1 | 9.1 | 9.1 | 9.2 | 10.3 | 10.3 | 10.3 | 10.4 | 11.7 | 11.7 | 11.7 | 11.8 | 13.4 | 13.4 | 13.3 | 13.4 |
| | | Hi PR | 286 | 287 | 289 | 294 | 330 | 331 | 333 | 338 | 376 | 377 | 379 | 384 | 426 | 427 | 429 | 434 | 479 | 481 | 482 | 487 | 537 | 538 | 540 | 545 |
| | | Lo PR | 124 | 125 | 128 | 133 | 131 | 132 | 135 | 140 | 137 | 139 | 142 | 147 | 142 | 144 | 147 | 152 | 148 | 149 | 152 | 157 | 154 | 156 | 159 | 164 |
| 85 | 860 | MBh | 29.5 | 29.9 | 30.8 | 32.1 | 29.2 | 29.6 | 30.5 | 31.8 | 28.5 | 28.9 | 29.7 | 31.1 | 27.2 | 27.6 | 28.4 | 29.8 | 25.6 | 26.0 | 26.9 | 28.2 | 24.1 | 24.5 | 25.4 | 26.7 |
| | | S/T | 1.00 | 0.93 | 0.78 | 0.63 | 1.00 | 0.93 | 0.79 | 0.64 | 1.00 | 1.00 | 0.82 | 0.66 | 1.00 | 1.00 | 0.84 | 0.69 | 1.00 | 1.00 | 0.86 | 0.71 | 1.00 | 1.00 | 0.92 | 0.76 |
| | | ΔT | 32 | 30 | 27 | 23 | 32 | 30 | 26 | 23 | 32 | 30 | 27 | 23 | 32 | 30 | 26 | 23 | 31 | 30 | 26 | 23 | 33 | 31 | 27 | 24 |
| | | kW | 1.86 | 1.86 | 1.86 | 1.88 | 2.10 | 2.10 | 2.09 | 2.11 | 2.36 | 2.36 | 2.36 | 2.38 | 2.65 | 2.65 | 2.64 | 2.66 | 2.97 | 2.97 | 2.96 | 2.98 | 3.34 | 3.34 | 3.34 | 3.36 |
| | | Amps | 6.8 | 6.8 | 6.8 | 6.9 | 7.9 | 7.9 | 7.8 | 7.9 | 9.0 | 9.0 | 9.0 | 9.1 | 10.2 | 10.2 | 10.2 | 10.3 | 11.6 | 11.6 | 11.6 | 11.7 | 13.3 | 13.3 | 13.2 | 13.3 |
| | | Hi PR | 281 | 282 | 284 | 289 | 325 | 327 | 329 | 333 | 372 | 373 | 375 | 380 | 421 | 423 | 425 | 429 | 475 | 476 | 478 | 483 | 532 | 534 | 535 | 540 |
| | | Lo PR | 121 | 122 | 125 | 130 | 128 | 130 | 133 | 138 | 135 | 136 | 139 | 144 | 140 | 141 | 144 | 149 | 145 | 147 | 150 | 155 | 152 | 153 | 156 | 161 |
| | 1010 | MBh | 29.9 | 30.3 | 31.2 | 32.5 | 29.7 | 30.1 | 30.9 | 32.3 | 28.9 | 29.3 | 30.2 | 31.5 | 27.6 | 28.0 | 28.9 | 30.2 | 26.0 | 26.4 | 27.3 | 28.6 | 24.6 | 25.0 | 25.9 | 27.2 |
| | | S/T | 1.00 | 1.00 | 0.86 | 0.71 | 1.00 | 1.00 | 0.87 | 0.72 | 1.00 | 1.00 | 0.90 | 0.74 | 1.00 | 1.00 | 0.92 | 0.76 | 1.00 | 1.00 | 0.94 | 0.79 | 1.00 | 1.00 | 1.00 | 0.84 |
| | | ΔT | 30 | 29 | 25 | 22 | 30 | 29 | 25 | 22 | 31 | 29 | 25 | 22 | 30 | 29 | 25 | 22 | 30 | 28 | 25 | 21 | 31 | 29 | 26 | 22 |
| | | kW | 1.88 | 1.88 | 1.87 | 1.89 | 2.12 | 2.11 | 2.11 | 2.13 | 2.38 | 2.38 | 2.37 | 2.39 | 2.66 | 2.66 | 2.66 | 2.68 | 2.98 | 2.98 | 2.98 | 3.00 | 3.36 | 3.36 | 3.35 | 3.37 |
| | | Amps | 6.9 | 6.9 | 6.9 | 6.9 | 7.9 | 7.9 | 7.9 | 8.0 | 9.1 | 9.1 | 9.0 | 9.1 | 10.3 | 10.3 | 10.3 | 10.4 | 11.7 | 11.7 | 11.7 | 11.8 | 13.3 | 13.3 | 13.3 | 13.4 |
| | | Hi PR | 284 | 285 | 287 | 292 | 328 | 329 | 331 | 336 | 374 | 376 | 378 | 382 | 424 | 425 | 427 | 432 | 478 | 479 | 481 | 486 | 535 | 536 | 538 | 543 |
| | | Lo PR | 123 | 124 | 128 | 133 | 130 | 132 | 135 | 140 | 137 | 138 | 141 | 146 | 142 | 143 | 146 | 151 | 147 | 149 | 152 | 157 | 154 | 155 | 158 | 163 |
| | 1160 | MBh | 30.5 | 30.9 | 31.7 | 33.1 | 30.2 | 30.6 | 31.5 | 32.8 | 29.5 | 29.9 | 30.7 | 32.1 | 28.2 | 28.6 | 29.4 | 30.8 | 26.6 | 27.0 | 27.9 | 29.2 | 25.1 | 25.5 | 26.4 | 27.7 |
| | | S/T | 1.00 | 1.00 | 0.90 | 0.75 | 1.00 | 1.00 | 0.91 | 0.76 | 1.00 | 1.00 | 0.94 | 0.78 | 1.00 | 1.00 | 0.96 | 0.81 | 1.00 | 1.00 | 0.98 | 0.83 | 1.00 | 1.00 | 1.00 | 0.88 |
| | | ΔT | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 20 | 30 | 28 | 24 | 21 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 30 | 28 | 25 | 21 |
| | | kW | 1.89 | 1.89 | 1.89 | 1.90 | 2.13 | 2.13 | 2.12 | 2.14 | 2.39 | 2.39 | 2.39 | 2.40 | 2.68 | 2.67 | 2.67 | 2.69 | 3.00 | 2.99 | 2.99 | 3.01 | 3.37 | 3.37 | 3.36 | 3.38 |
| | | Amps | 6.9 | 6.9 | 6.9 | 7.0 | 8.0 | 8.0 | 8.0 | 8.0 | 9.1 | 9.1 | 9.1 | 9.2 | 10.4 | 10.4 | 10.3 | 10.4 | 11.8 | 11.7 | 11.7 | 11.8 | 13.4 | 13.4 | 13.4 | 13.4 |
| | | Hi PR | 287 | 288 | 290 | 295 | 331 | 332 | 334 | 339 | 377 | 378 | 380 | 385 | 427 | 428 | 430 | 435 | 481 | 482 | 484 | 489 | 538 | 539 | 541 | 546 |
| | | Lo PR | 125 | 127 | 130 | 135 | 133 | 134 | 137 | 142 | 139 | 140 | 143 | 148 | 144 | 146 | 149 | 154 | 150 | 151 | 154 | 159 | 156 | 158 | 161 | 166 |

IDB = Entering Indoor Dry Bulb Temperature

Shaded area is AHRI (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS301AA / CA*EA2422*4A* + DM96VC0803BNA* at 70%

| | | | 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 | 710 | MBh | 20.7 | 21.0 | 21.6 | - | 20.5 | 20.8 | 21.4 | - | 20.0 | 20.3 | 20.9 | - | 19.1 | 19.3 | 20.0 | - | 17.9 | 18.2 | 18.8 | - | 16.9 | 17.2 | 17.8 | - |
| | | S/T | 0.64 | 0.56 | 0.41 | - | 0.65 | 0.57 | 0.42 | - | 0.68 | 0.59 | 0.45 | - | 0.70 | 0.61 | 0.47 | - | 1.00 | 0.64 | 0.49 | - | 1.00 | 0.70 | 0.55 | - |
| | | ΔT | 19 | 18 | 14 | - | 19 | 18 | 14 | - | 20 | 18 | 15 | - | 19 | 18 | 14 | - | 19 | 17 | 14 | - | 20 | 18 | 15 | - |
| | | kW | 1.17 | 1.17 | 1.17 | - | 1.32 | 1.32 | 1.31 | - | 1.48 | 1.48 | 1.48 | - | 1.66 | 1.66 | 1.66 | - | 1.86 | 1.86 | 1.86 | - | 2.10 | 2.10 | 2.10 | - |
| | | Amps | 4.3 | 4.3 | 4.3 | - | 4.9 | 4.9 | 4.9 | - | 5.7 | 5.6 | 5.6 | - | 6.4 | 6.4 | 6.4 | - | 7.3 | 7.3 | 7.3 | - | 8.3 | 8.3 | 8.3 | - |
| | | Hi PR | 267 | 268 | 270 | - | 309 | 310 | 312 | - | 353 | 354 | 356 | - | 401 | 402 | 404 | - | 452 | 453 | 455 | - | 507 | 508 | 510 | - |
| | | Lo PR | 122 | 123 | 126 | - | 129 | 131 | 134 | - | 136 | 137 | 140 | - | 141 | 143 | 146 | - | 147 | 148 | 151 | - | 153 | 155 | 158 | - |
| | 840 | MBh | 21.0 | 21.3 | 22.0 | - | 20.9 | 21.2 | 21.8 | - | 20.3 | 20.6 | 21.2 | - | 19.4 | 19.7 | 20.3 | - | 18.2 | 18.5 | 19.2 | - | 17.2 | 17.5 | 18.1 | - |
| | | S/T | 0.73 | 0.65 | 0.50 | - | 0.74 | 0.65 | 0.50 | - | 0.76 | 0.68 | 0.53 | - | 1.00 | 0.70 | 0.55 | - | 1.00 | 0.73 | 0.58 | - | 1.00 | 0.78 | 0.63 | - |
| | | ΔT | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 17 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 19 | 17 | 14 | - |
| | | kW | 1.18 | 1.18 | 1.18 | - | 1.33 | 1.33 | 1.32 | - | 1.49 | 1.49 | 1.49 | - | 1.67 | 1.67 | 1.67 | - | 1.87 | 1.87 | 1.87 | - | 2.11 | 2.11 | 2.11 | - |
| | | Amps | 4.3 | 4.3 | 4.3 | - | 5.0 | 5.0 | 5.0 | - | 5.7 | 5.7 | 5.7 | - | 6.5 | 6.5 | 6.5 | - | 7.3 | 7.3 | 7.3 | - | 8.4 | 8.4 | 8.4 | - |
| | | Hi PR | 270 | 271 | 273 | - | 312 | 313 | 315 | - | 356 | 357 | 359 | - | 404 | 405 | 407 | - | 455 | 456 | 458 | - | 510 | 511 | 513 | - |
| | | Lo PR | 124 | 126 | 129 | - | 131 | 133 | 136 | - | 138 | 140 | 143 | - | 144 | 145 | 148 | - | 149 | 150 | 154 | - | 156 | 157 | 160 | - |
| | 960 | MBh | 21.4 | 21.7 | 22.3 | - | 21.2 | 21.5 | 22.2 | - | 20.7 | 21.0 | 21.6 | - | 19.8 | 20.1 | 20.7 | - | 18.6 | 18.9 | 19.5 | - | 17.6 | 17.9 | 18.5 | - |
| | | S/T | 0.77 | 0.69 | 0.54 | - | 0.78 | 0.69 | 0.54 | - | 0.80 | 0.72 | 0.57 | - | 1.00 | 0.74 | 0.59 | - | 1.00 | 0.77 | 0.62 | - | 1.00 | 0.82 | 0.67 | - |
| | | ΔT | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 18 | 16 | 13 | - |
| | | kW | 1.19 | 1.19 | 1.18 | - | 1.34 | 1.33 | 1.33 | - | 1.50 | 1.50 | 1.50 | - | 1.68 | 1.68 | 1.68 | - | 1.88 | 1.88 | 1.88 | - | 2.12 | 2.12 | 2.11 | - |
| | | Amps | 4.4 | 4.4 | 4.3 | - | 5.0 | 5.0 | 5.0 | - | 5.7 | 5.7 | 5.7 | - | 6.5 | 6.5 | 6.5 | - | 7.4 | 7.4 | 7.4 | - | 8.4 | 8.4 | 8.4 | - |
| | | Hi PR | 272 | 273 | 275 | - | 314 | 315 | 317 | - | 359 | 360 | 362 | - | 406 | 407 | 409 | - | 457 | 459 | 460 | - | 512 | 513 | 515 | - |
| | | Lo PR | 126 | 128 | 131 | - | 134 | 135 | 138 | - | 140 | 142 | 145 | - | 146 | 147 | 150 | - | 151 | 153 | 156 | - | 158 | 159 | 163 | - |
| 75 | 710 | MBh | 20.7 | 21.0 | 21.6 | 22.6 | 20.5 | 20.8 | 21.5 | 22.4 | 20.0 | 20.3 | 20.9 | 21.9 | 19.1 | 19.4 | 20.0 | 20.9 | 17.9 | 18.2 | 18.8 | 19.8 | 16.9 | 17.2 | 17.8 | 18.7 |
| | | S/T | 0.78 | 0.70 | 0.55 | 0.40 | 0.79 | 0.71 | 0.56 | 0.40 | 1.00 | 0.73 | 0.59 | 0.43 | 1.00 | 0.76 | 0.61 | 0.45 | 1.00 | 0.78 | 0.63 | 0.48 | 1.00 | 1.00 | 0.69 | 0.53 |
| | | ΔT | 23 | 22 | 18 | 15 | 23 | 22 | 18 | 15 | 24 | 22 | 18 | 15 | 23 | 21 | 18 | 15 | 23 | 21 | 18 | 15 | 24 | 22 | 19 | 16 |
| | | kW | 1.17 | 1.17 | 1.16 | 1.18 | 1.32 | 1.32 | 1.31 | 1.32 | 1.48 | 1.48 | 1.48 | 1.49 | 1.66 | 1.66 | 1.66 | 1.67 | 1.86 | 1.86 | 1.86 | 1.87 | 2.10 | 2.10 | 2.09 | 2.11 |
| | | Amps | 4.3 | 4.3 | 4.3 | 4.3 | 4.9 | 4.9 | 4.9 | 5.0 | 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 | 8.3 | 8.3 | 8.4 |
| | | Hi PR | 267 | 268 | 270 | 275 | 309 | 310 | 312 | 317 | 353 | 355 | 356 | 361 | 401 | 402 | 404 | 409 | 452 | 453 | 455 | 460 | 507 | 508 | 510 | 515 |
| | | Lo PR | 122 | 123 | 126 | 132 | 129 | 131 | 134 | 139 | 136 | 137 | 140 | 146 | 141 | 143 | 146 | 151 | 147 | 148 | 151 | 157 | 153 | 155 | 158 | 163 |
| | 840 | MBh | 21.1 | 21.4 | 22.0 | 22.9 | 20.9 | 21.2 | 21.8 | 22.7 | 20.3 | 20.6 | 21.2 | 22.2 | 19.4 | 19.7 | 20.3 | 21.3 | 18.3 | 18.6 | 19.2 | 20.1 | 17.2 | 17.5 | 18.1 | 19.1 |
| | | S/T | 0.87 | 0.79 | 0.64 | 0.48 | 0.88 | 0.79 | 0.65 | 0.49 | 1.00 | 0.82 | 0.67 | 0.52 | 1.00 | 0.84 | 0.69 | 0.54 | 1.00 | 0.87 | 0.72 | 0.56 | 1.00 | 1.00 | 0.77 | 0.62 |
| | | ΔT | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 14 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 23 | 21 | 18 | 14 |
| | | kW | 1.18 | 1.18 | 1.17 | 1.19 | 1.33 | 1.33 | 1.32 | 1.33 | 1.49 | 1.49 | 1.49 | 1.50 | 1.67 | 1.67 | 1.67 | 1.68 | 1.87 | 1.87 | 1.87 | 1.88 | 2.11 | 2.11 | 2.10 | 2.12 |
| | | Amps | 4.3 | 4.3 | 4.3 | 4.4 | 5.0 | 5.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.7 | 5.7 | 6.5 | 6.5 | 6.5 | 6.5 | 7.3 | 7.3 | 7.3 | 7.4 | 8.4 | 8.4 | 8.3 | 8.4 |
| | | Hi PR | 270 | 271 | 273 | 278 | 312 | 313 | 315 | 320 | 356 | 357 | 359 | 364 | 404 | 405 | 407 | 412 | 455 | 456 | 458 | 463 | 510 | 511 | 513 | 518 |
| | | Lo PR | 124 | 126 | 129 | 134 | 132 | 133 | 136 | 141 | 138 | 140 | 143 | 148 | 144 | 145 | 148 | 153 | 149 | 150 | 154 | 159 | 156 | 157 | 160 | 166 |
| | 960 | MBh | 21.4 | 21.7 | 22.4 | 23.3 | 21.3 | 21.5 | 22.2 | 23.1 | 20.7 | 21.0 | 21.6 | 22.6 | 19.8 | 20.1 | 20.7 | 21.6 | 18.6 | 18.9 | 19.6 | 20.5 | 17.6 | 17.9 | 18.5 | 19.5 |
| | | S/T | 0.91 | 0.83 | 0.68 | 0.52 | 1.00 | 0.83 | 0.69 | 0.53 | 1.00 | 0.86 | 0.71 | 0.56 | 1.00 | 0.88 | 0.73 | 0.58 | 1.00 | 0.91 | 0.76 | 0.60 | 1.00 | 1.00 | 0.81 | 0.66 |
| | | ΔT | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 13 | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 22 | 20 | 17 | 13 |
| | | kW | 1.19 | 1.18 | 1.18 | 1.19 | 1.33 | 1.33 | 1.33 | 1.34 | 1.50 | 1.50 | 1.50 | 1.51 | 1.68 | 1.68 | 1.68 | 1.69 | 1.88 | 1.88 | 1.88 | 1.89 | 2.12 | 2.11 | 2.11 | 2.12 |
| | | Amps | 4.4 | 4.3 | 4.3 | 4.4 | 5.0 | 5.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.7 | 5.8 | 6.5 | 6.5 | 6.5 | 6.5 | 7.4 | 7.4 | 7.4 | 7.4 | 8.4 | 8.4 | 8.4 | 8.4 |
| | | Hi PR | 272 | 274 | 275 | 280 | 315 | 316 | 318 | 322 | 359 | 360 | 362 | 366 | 406 | 407 | 409 | 414 | 458 | 459 | 461 | 465 | 512 | 514 | 515 | 520 |
| | | Lo PR | 126 | 128 | 131 | 136 | 134 | 135 | 138 | 144 | 140 | 142 | 145 | 150 | 146 | 147 | 150 | 156 | 151 | 153 | 156 | 161 | 158 | 160 | 163 | 168 |

IDB = Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS301AA / CA*EA2422*4A* + DM96VC0803BNA* at 70%

| | | | 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 | 710 | MBh | 20.8 | 21.1 | 21.8 | 22.7 | 20.7 | 20.9 | 21.6 | 22.5 | 20.1 | 20.4 | 21.0 | 22.0 | 19.2 | 19.5 | 20.1 | 21.0 | 18.0 | 18.3 | 18.9 | 19.9 | 17.0 | 17.3 | 17.9 | 18.9 |
| | | S/T | 0.92 | 0.84 | 0.69 | 0.53 | 1.00 | 0.84 | 0.70 | 0.54 | 1.00 | 0.87 | 0.72 | 0.57 | 1.00 | 0.89 | 0.74 | 0.59 | 1.00 | 1.00 | 0.77 | 0.61 | 1.00 | 1.00 | 0.83 | 0.67 |
| | | ΔT | 27 | 25 | 22 | 19 | 27 | 25 | 22 | 19 | 27 | 26 | 22 | 19 | 27 | 25 | 22 | 19 | 27 | 25 | 22 | 18 | 28 | 26 | 23 | 20 |
| | | kW | 1.17 | 1.17 | 1.17 | 1.18 | 1.32 | 1.32 | 1.31 | 1.33 | 1.48 | 1.48 | 1.48 | 1.49 | 1.66 | 1.66 | 1.66 | 1.67 | 1.86 | 1.86 | 1.86 | 1.87 | 2.10 | 2.10 | 2.10 | 2.11 |
| | | Amps | 4.3 | 4.3 | 4.3 | 4.3 | 4.9 | 4.9 | 4.9 | 5.0 | 5.7 | 5.6 | 5.6 | 5.7 | 6.4 | 6.4 | 6.4 | 6.5 | 7.3 | 7.3 | 7.3 | 7.3 | 8.3 | 8.3 | 8.3 | 8.4 |
| | | Hi PR | 267 | 269 | 271 | 275 | 310 | 311 | 313 | 317 | 354 | 355 | 357 | 362 | 401 | 403 | 404 | 409 | 453 | 454 | 456 | 460 | 508 | 509 | 511 | 515 |
| | | Lo PR | 122 | 124 | 127 | 132 | 130 | 131 | 134 | 140 | 136 | 138 | 141 | 146 | 142 | 143 | 146 | 152 | 147 | 149 | 152 | 157 | 154 | 156 | 159 | 164 |
| | 840 | MBh | 21.2 | 21.5 | 22.1 | 23.0 | 21.0 | 21.3 | 21.9 | 22.8 | 20.4 | 20.7 | 21.4 | 22.3 | 19.5 | 19.8 | **20.4** | 21.4 | 18.4 | 18.7 | 19.3 | 20.2 | 17.3 | 17.6 | 18.2 | 19.2 |
| | | S/T | 1.00 | 0.92 | 0.78 | 0.62 | 1.00 | 0.93 | 0.78 | 0.63 | 1.00 | 0.96 | 0.81 | 0.65 | 1.00 | 1.00 | **0.83** | 0.67 | 1.00 | 1.00 | 0.86 | 0.70 | 1.00 | 1.00 | 0.91 | 0.76 |
| | | ΔT | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 18 | 26 | 24 | **21** | 17 | 26 | 24 | 21 | 17 | 27 | 25 | 22 | 18 |
| | | kW | 1.18 | 1.18 | 1.18 | 1.19 | 1.33 | 1.33 | 1.32 | 1.34 | 1.49 | 1.49 | 1.49 | 1.50 | 1.67 | 1.67 | **1.67** | 1.68 | 1.87 | 1.87 | 1.87 | 1.88 | 2.11 | 2.11 | 2.11 | 2.12 |
| | | Amps | 4.3 | 4.3 | 4.3 | 4.4 | 5.0 | 5.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.7 | 5.7 | 6.5 | 6.5 | **6.5** | 6.5 | 7.3 | 7.3 | 7.3 | 7.4 | 8.4 | 8.4 | 8.4 | 8.4 |
| | | Hi PR | 270 | 271 | 273 | 278 | 313 | 314 | 316 | 320 | 357 | 358 | 360 | 364 | 404 | 405 | **407** | 412 | 456 | 457 | 459 | 463 | 510 | 512 | 513 | 518 |
| | | Lo PR | 125 | 126 | 129 | 134 | 132 | 134 | 137 | 142 | 139 | 140 | 143 | 148 | 144 | 146 | **149** | 154 | 149 | 151 | 154 | 159 | 156 | 158 | 161 | 166 |
| | 960 | MBh | 21.5 | 21.8 | 22.5 | 23.4 | 21.4 | 21.7 | 22.3 | 23.2 | 20.8 | 21.1 | 21.7 | 22.7 | 19.9 | 20.2 | 20.8 | 21.7 | 18.7 | 19.0 | 19.7 | 20.6 | 17.7 | 18.0 | 18.6 | 19.6 |
| | | S/T | 1.00 | 0.96 | 0.82 | 0.66 | 1.00 | 0.97 | 0.82 | 0.67 | 1.00 | 1.00 | 0.85 | 0.69 | 1.00 | 1.00 | 0.87 | 0.72 | 1.00 | 1.00 | 0.90 | 0.74 | 1.00 | 1.00 | 0.95 | 0.80 |
| | | ΔT | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 17 | 25 | 23 | 20 | 16 | 25 | 23 | 19 | 16 | 26 | 24 | 21 | 17 |
| | | kW | 1.19 | 1.19 | 1.18 | 1.19 | 1.34 | 1.33 | 1.33 | 1.34 | 1.50 | 1.50 | 1.50 | 1.51 | 1.68 | 1.68 | 1.68 | 1.69 | 1.88 | 1.88 | 1.88 | 1.89 | 2.12 | 2.12 | 2.11 | 2.12 |
| | | Amps | 4.4 | 4.4 | 4.3 | 4.4 | 5.0 | 5.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.7 | 5.8 | 6.5 | 6.5 | 6.5 | 6.5 | 7.4 | 7.4 | 7.4 | 7.4 | 8.4 | 8.4 | 8.4 | 8.4 |
| | | Hi PR | 273 | 274 | 276 | 281 | 315 | 316 | 318 | 323 | 359 | 360 | 362 | 367 | 407 | 408 | 410 | 415 | 458 | 459 | 461 | 466 | 513 | 514 | 516 | 521 |
| | | Lo PR | 127 | 128 | 132 | 137 | 134 | 136 | 139 | 144 | 141 | 142 | 145 | 151 | 146 | 148 | 151 | 156 | 152 | 153 | 156 | 162 | 159 | 160 | 163 | 168 |
| 85 | 710 | MBh | 21.2 | 21.5 | 22.1 | 23.0 | 21.0 | 21.3 | 21.9 | 22.9 | 20.5 | 20.8 | 21.4 | 22.3 | 19.5 | 19.8 | 20.4 | 21.4 | 18.4 | 18.7 | 19.3 | 20.2 | 17.3 | 17.6 | 18.3 | 19.2 |
| | | S/T | 1.00 | 0.95 | 0.80 | 0.64 | 1.00 | 0.96 | 0.81 | 0.65 | 1.00 | 1.00 | 0.83 | 0.68 | 1.00 | 1.00 | 0.86 | 0.70 | 1.00 | 1.00 | 0.88 | 0.72 | 1.00 | 1.00 | 1.00 | 0.78 |
| | | ΔT | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 30 | 29 | 25 | 22 | 32 | 30 | 26 | 23 |
| | | kW | 1.17 | 1.17 | 1.17 | 1.18 | 1.32 | 1.32 | 1.32 | 1.33 | 1.49 | 1.49 | 1.48 | 1.49 | 1.67 | 1.67 | 1.66 | 1.67 | 1.87 | 1.87 | 1.86 | 1.87 | 2.10 | 2.10 | 2.10 | 2.11 |
| | | Amps | 4.3 | 4.3 | 4.3 | 4.3 | 4.9 | 4.9 | 4.9 | 5.0 | 5.7 | 5.7 | 5.6 | 5.7 | 6.4 | 6.4 | 6.4 | 6.5 | 7.3 | 7.3 | 7.3 | 7.3 | 8.3 | 8.3 | 8.3 | 8.4 |
| | | Hi PR | 269 | 270 | 272 | 276 | 311 | 312 | 314 | 319 | 355 | 356 | 358 | 363 | 403 | 404 | 406 | 410 | 454 | 455 | 457 | 462 | 509 | 510 | 512 | 516 |
| | | Lo PR | 124 | 126 | 129 | 134 | 132 | 133 | 136 | 142 | 138 | 140 | 143 | 148 | 144 | 145 | 148 | 154 | 149 | 151 | 154 | 159 | 156 | 157 | 160 | 166 |
| | 840 | MBh | 21.5 | 21.8 | 22.4 | 23.4 | 21.3 | 21.6 | 22.2 | 23.2 | 20.8 | 21.1 | 21.7 | 22.7 | 19.9 | 20.1 | 20.8 | 21.7 | 18.7 | 19.0 | 19.6 | 20.6 | 17.7 | 18.0 | 18.6 | 19.5 |
| | | S/T | 1.00 | 1.00 | 0.89 | 0.73 | 1.00 | 1.00 | 0.89 | 0.74 | 1.00 | 1.00 | 0.92 | 0.76 | 1.00 | 1.00 | 0.94 | 0.79 | 1.00 | 1.00 | 0.97 | 0.81 | 1.00 | 1.00 | 1.00 | 0.87 |
| | | ΔT | 29 | 28 | 24 | 21 | 29 | 28 | 24 | 21 | 30 | 28 | 24 | 21 | 29 | 28 | 24 | 21 | 29 | 27 | 24 | 21 | 30 | 28 | 25 | 22 |
| | | kW | 1.18 | 1.18 | 1.18 | 1.19 | 1.33 | 1.33 | 1.33 | 1.34 | 1.50 | 1.50 | 1.49 | 1.50 | 1.68 | 1.67 | 1.67 | 1.68 | 1.88 | 1.88 | 1.87 | 1.88 | 2.11 | 2.11 | 2.11 | 2.12 |
| | | Amps | 4.3 | 4.3 | 4.3 | 4.4 | 5.0 | 5.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.7 | 5.7 | 6.5 | 6.5 | 6.5 | 6.5 | 7.4 | 7.4 | 7.3 | 7.4 | 8.4 | 8.4 | 8.4 | 8.4 |
| | | Hi PR | 272 | 273 | 275 | 279 | 314 | 315 | 317 | 321 | 358 | 359 | 361 | 366 | 406 | 407 | 409 | 413 | 457 | 458 | 460 | 465 | 512 | 513 | 515 | 519 |
| | | Lo PR | 126 | 128 | 131 | 136 | 134 | 135 | 139 | 144 | 140 | 142 | 145 | 150 | 146 | 147 | 151 | 156 | 151 | 153 | 156 | 161 | 158 | 160 | 163 | 168 |
| | 960 | MBh | 21.9 | 22.2 | 22.8 | 23.8 | 21.7 | 22.0 | 22.6 | 23.6 | 21.2 | 21.5 | 22.1 | 23.0 | 20.2 | 20.5 | 21.1 | 22.1 | 19.1 | 19.4 | 20.0 | 21.0 | 18.1 | 18.3 | 19.0 | 19.9 |
| | | S/T | 1.00 | 1.00 | 0.93 | 0.77 | 1.00 | 1.00 | 0.93 | 0.78 | 1.00 | 1.00 | 0.96 | 0.80 | 1.00 | 1.00 | 0.98 | 0.83 | 1.00 | 1.00 | 1.00 | 0.85 | 1.00 | 1.00 | 1.00 | 0.91 |
| | | ΔT | 28 | 27 | 23 | 20 | 28 | 27 | 23 | 20 | 29 | 27 | 23 | 20 | 28 | 27 | 23 | 20 | 28 | 26 | 23 | 20 | 29 | 27 | 24 | 21 |
| | | kW | 1.19 | 1.19 | 1.19 | 1.20 | 1.34 | 1.34 | 1.33 | 1.35 | 1.50 | 1.50 | 1.50 | 1.51 | 1.68 | 1.68 | 1.68 | 1.69 | 1.88 | 1.88 | 1.88 | 1.89 | 2.12 | 2.12 | 2.12 | 2.13 |
| | | Amps | 4.4 | 4.4 | 4.4 | 4.4 | 5.0 | 5.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.7 | 5.8 | 6.5 | 6.5 | 6.5 | 6.6 | 7.4 | 7.4 | 7.4 | 7.4 | 8.4 | 8.4 | 8.4 | 8.4 |
| | | Hi PR | 274 | 275 | 277 | 282 | 316 | 317 | 319 | 324 | 360 | 362 | 364 | 368 | 408 | 409 | 411 | 416 | 459 | 461 | 462 | 467 | 514 | 515 | 517 | 522 |
| | | Lo PR | 129 | 130 | 133 | 139 | 136 | 138 | 141 | 146 | 143 | 144 | 147 | 153 | 148 | 150 | 153 | 158 | 154 | 155 | 158 | 163 | 160 | 162 | 165 | 170 |

IDB = Entering Indoor Dry Bulb Temperature

Shaded area is AHRI (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS361AA / CA*EA3026*4A* + D*96VC1005CNA* at 100%

| | | | 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 | 34.7 | 35.2 | 36.2 | - | 34.4 | 34.9 | 35.9 | - | 33.5 | 34.0 | 35.0 | - | 31.9 | 32.4 | 33.4 | - | 30.0 | 30.5 | 31.5 | - | 24.1 | 24.5 | 25.4 | - |
| | | S/T | 0.63 | 0.55 | 0.40 | - | 0.64 | 0.56 | 0.41 | - | 0.67 | 0.58 | 0.44 | - | 0.69 | 0.60 | 0.46 | - | 0.71 | 0.63 | 0.48 | - | 1.00 | 0.75 | 0.59 | - |
| | | ΔT | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 14 | - | 19 | 17 | 14 | - |
| | | kW | 2.54 | 2.53 | 2.53 | - | 2.88 | 2.87 | 2.87 | - | 3.25 | 3.25 | 3.25 | - | 3.66 | 3.66 | 3.65 | - | 4.12 | 4.12 | 4.11 | - | 4.04 | 4.04 | 4.04 | - |
| | | Amps | 9.5 | 9.5 | 9.5 | - | 11.0 | 11.0 | 11.0 | - | 12.6 | 12.6 | 12.6 | - | 14.4 | 14.4 | 14.4 | - | 16.4 | 16.4 | 16.4 | - | 16.1 | 16.1 | 16.0 | - |
| | | Hi PR | 284 | 286 | 288 | - | 329 | 330 | 332 | - | 376 | 378 | 380 | - | 427 | 428 | 430 | - | 482 | 483 | 485 | - | 512 | 514 | 515 | - |
| | | Lo PR | 116 | 117 | 120 | - | 123 | 124 | 127 | - | 129 | 130 | 133 | - | 134 | 136 | 139 | - | 139 | 141 | 144 | - | 159 | 161 | 164 | - |
| | 1240 | MBh | 35.3 | 35.7 | 36.8 | - | 34.9 | 35.4 | 36.5 | - | 34.0 | 34.5 | 35.6 | - | 32.5 | 33.0 | 34.0 | - | 30.6 | 31.0 | 32.1 | - | 24.6 | 25.0 | 25.9 | - |
| | | S/T | 0.72 | 0.63 | 0.49 | - | 0.72 | 0.64 | 0.49 | - | 0.75 | 0.67 | 0.52 | - | 0.77 | 0.69 | 0.54 | - | 0.79 | 0.71 | 0.57 | - | 1.00 | 0.84 | 0.68 | - |
| | | ΔT | 18 | 17 | 13 | - | 18 | 17 | 13 | - | 19 | 17 | 13 | - | 18 | 17 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - |
| | | kW | 2.56 | 2.56 | 2.55 | - | 2.90 | 2.90 | 2.89 | - | 3.28 | 3.27 | 3.27 | - | 3.69 | 3.68 | 3.68 | - | 4.14 | 4.14 | 4.13 | - | 4.06 | 4.06 | 4.05 | - |
| | | Amps | 9.6 | 9.6 | 9.6 | - | 11.1 | 11.1 | 11.1 | - | 12.7 | 12.7 | 12.7 | - | 14.5 | 14.5 | 14.5 | - | 16.5 | 16.5 | 16.5 | - | 16.1 | 16.1 | 16.1 | - |
| | | Hi PR | 287 | 289 | 291 | - | 332 | 333 | 335 | - | 379 | 381 | 383 | - | 430 | 431 | 433 | - | 485 | 486 | 488 | - | 515 | 516 | 518 | - |
| | | Lo PR | 118 | 119 | 122 | - | 125 | 126 | 129 | - | 131 | 133 | 136 | - | 136 | 138 | 141 | - | 142 | 143 | 146 | - | 161 | 163 | 166 | - |
| | 1430 | MBh | 35.9 | 36.4 | 37.5 | - | 35.6 | 36.1 | 37.2 | - | 34.7 | 35.2 | 36.3 | - | 33.2 | 33.6 | 34.7 | - | 31.2 | 31.7 | 32.8 | - | 25.2 | 25.6 | 26.5 | - |
| | | S/T | 0.76 | 0.68 | 0.53 | - | 0.76 | 0.68 | 0.54 | - | 0.79 | 0.71 | 0.56 | - | 0.81 | 0.73 | 0.58 | - | 1.00 | 0.75 | 0.61 | - | 1.00 | 1.00 | 0.73 | - |
| | | ΔT | 17 | 16 | 12 | - | 17 | 15 | 12 | - | 18 | 16 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - |
| | | kW | 2.58 | 2.57 | 2.57 | - | 2.92 | 2.91 | 2.91 | - | 3.29 | 3.29 | 3.29 | - | 3.70 | 3.70 | 3.69 | - | 4.16 | 4.16 | 4.15 | - | 4.08 | 4.07 | 4.07 | - |
| | | Amps | 9.7 | 9.7 | 9.7 | - | 11.2 | 11.2 | 11.1 | - | 12.8 | 12.8 | 12.8 | - | 14.6 | 14.6 | 14.6 | - | 16.6 | 16.6 | 16.5 | - | 16.2 | 16.2 | 16.2 | - |
| | | Hi PR | 290 | 291 | 293 | - | 335 | 336 | 338 | - | 382 | 383 | 385 | - | 433 | 434 | 436 | - | 488 | 489 | 491 | - | 518 | 519 | 521 | - |
| | | Lo PR | 120 | 122 | 125 | - | 127 | 129 | 132 | - | 133 | 135 | 138 | - | 139 | 140 | 143 | - | 144 | 145 | 148 | - | 164 | 165 | 169 | - |
| 75 | 1050 | MBh | 34.7 | 35.2 | 36.3 | 37.8 | 34.4 | 34.9 | 35.9 | 37.5 | 33.5 | 34.0 | 35.0 | 36.6 | 31.9 | 32.4 | 33.5 | 35.1 | 30.0 | 30.5 | 31.6 | 33.1 | 24.1 | 24.5 | 25.4 | 26.8 |
| | | S/T | 0.77 | 0.69 | 0.54 | 0.39 | 0.78 | 0.70 | 0.55 | 0.40 | 0.80 | 0.72 | 0.58 | 0.42 | 1.00 | 0.74 | 0.60 | 0.44 | 1.00 | 0.77 | 0.62 | 0.47 | 1.00 | 1.00 | 0.74 | 0.58 |
| | | ΔT | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 18 | 15 | 22 | 21 | 18 | 15 |
| | | kW | 2.54 | 2.53 | 2.53 | 2.55 | 2.87 | 2.87 | 2.87 | 2.89 | 3.25 | 3.25 | 3.24 | 3.27 | 3.66 | 3.66 | 3.65 | 3.68 | 4.12 | 4.12 | 4.11 | 4.14 | 4.04 | 4.04 | 4.03 | 4.06 |
| | | Amps | 9.5 | 9.5 | 9.5 | 9.6 | 11.0 | 11.0 | 10.9 | 11.1 | 12.6 | 12.6 | 12.6 | 12.7 | 14.4 | 14.4 | 14.4 | 14.5 | 16.4 | 16.4 | 16.4 | 16.5 | 16.1 | 16.0 | 16.0 | 16.1 |
| | | Hi PR | 285 | 286 | 288 | 293 | 329 | 331 | 333 | 338 | 377 | 378 | 380 | 385 | 427 | 429 | 431 | 435 | 482 | 483 | 485 | 490 | 513 | 514 | 516 | 520 |
| | | Lo PR | 116 | 117 | 120 | 125 | 123 | 124 | 127 | 132 | 129 | 131 | 133 | 138 | 134 | 136 | 139 | 144 | 139 | 141 | 144 | 149 | 159 | 161 | 164 | 169 |
| | 1240 | MBh | 35.3 | 35.8 | 36.8 | 38.4 | 35.0 | 35.5 | 36.5 | 38.1 | 34.1 | 34.5 | 35.6 | 37.2 | 32.5 | 33.0 | 34.0 | 35.6 | 30.6 | 31.1 | 32.1 | 33.7 | 24.6 | 25.0 | 25.9 | 27.3 |
| | | S/T | 0.85 | 0.77 | 0.63 | 0.47 | 0.86 | 0.78 | 0.63 | 0.48 | 0.89 | 0.81 | 0.66 | 0.51 | 1.00 | 0.83 | 0.68 | 0.53 | 1.00 | 0.85 | 0.71 | 0.55 | 1.00 | 1.00 | 0.84 | 0.67 |
| | | ΔT | 22 | 21 | 17 | 14 | 22 | 21 | 17 | 14 | 23 | 21 | 17 | 14 | 22 | 21 | 17 | 14 | 22 | 20 | 17 | 13 | 21 | 20 | 16 | 13 |
| | | kW | 2.56 | 2.55 | 2.55 | 2.57 | 2.90 | 2.89 | 2.89 | 2.91 | 3.27 | 3.27 | 3.27 | 3.29 | 3.68 | 3.68 | 3.67 | 3.70 | 4.14 | 4.14 | 4.13 | 4.16 | 4.06 | 4.06 | 4.05 | 4.07 |
| | | Amps | 9.6 | 9.6 | 9.6 | 9.7 | 11.1 | 11.1 | 11.0 | 11.2 | 12.7 | 12.7 | 12.7 | 12.8 | 14.5 | 14.5 | 14.5 | 14.6 | 16.5 | 16.5 | 16.5 | 16.6 | 16.1 | 16.1 | 16.1 | 16.2 |
| | | Hi PR | 288 | 289 | 291 | 296 | 332 | 334 | 336 | 341 | 380 | 381 | 383 | 388 | 430 | 432 | 434 | 438 | 485 | 486 | 488 | 493 | 515 | 517 | 519 | 523 |
| | | Lo PR | 118 | 119 | 122 | 127 | 125 | 126 | 129 | 134 | 131 | 133 | 136 | 140 | 136 | 138 | 141 | 146 | 142 | 143 | 146 | 151 | 161 | 163 | 166 | 172 |
| | 1430 | MBh | 36.0 | 36.5 | 37.5 | 39.1 | 35.6 | 36.1 | 37.2 | 38.8 | 34.7 | 35.2 | 36.3 | 37.9 | 33.2 | 33.7 | 34.7 | 36.3 | 31.3 | 31.8 | 32.8 | 34.4 | 25.2 | 25.6 | 26.5 | 27.8 |
| | | S/T | 0.90 | 0.81 | 0.67 | 0.51 | 0.90 | 0.82 | 0.67 | 0.52 | 1.00 | 0.85 | 0.70 | 0.55 | 1.00 | 0.87 | 0.72 | 0.57 | 1.00 | 0.89 | 0.75 | 0.59 | 1.00 | 1.00 | 0.88 | 0.71 |
| | | ΔT | 21 | 20 | 16 | 13 | 21 | 19 | 16 | 13 | 22 | 20 | 16 | 13 | 21 | 19 | 16 | 13 | 21 | 19 | 16 | 12 | 20 | 19 | 15 | 12 |
| | | kW | 2.58 | 2.57 | 2.57 | 2.59 | 2.91 | 2.91 | 2.91 | 2.93 | 3.29 | 3.29 | 3.28 | 3.31 | 3.70 | 3.70 | 3.69 | 3.72 | 4.16 | 4.16 | 4.15 | 4.18 | 4.07 | 4.07 | 4.07 | 4.09 |
| | | Amps | 9.7 | 9.7 | 9.6 | 9.8 | 11.2 | 11.1 | 11.1 | 11.2 | 12.8 | 12.8 | 12.8 | 12.9 | 14.6 | 14.6 | 14.5 | 14.7 | 16.6 | 16.6 | 16.5 | 16.6 | 16.2 | 16.2 | 16.2 | 16.3 |
| | | Hi PR | 290 | 292 | 294 | 299 | 335 | 337 | 339 | 344 | 382 | 384 | 386 | 391 | 433 | 434 | 436 | 441 | 488 | 489 | 491 | 496 | 518 | 519 | 521 | 526 |
| | | Lo PR | 120 | 122 | 125 | 130 | 127 | 129 | 132 | 137 | 134 | 135 | 138 | 143 | 139 | 140 | 143 | 148 | 144 | 145 | 148 | 153 | 164 | 165 | 169 | 174 |

IDB = Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS361AA / CA*EA3026*4A* + D*96VC1005CNA* at 100%

| | | | 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 | 34.9 | 35.4 | 36.4 | 38.0 | 34.6 | 35.1 | 36.1 | 37.7 | 33.7 | 34.2 | 35.2 | 36.8 | 32.1 | 32.6 | 33.7 | 35.2 | 30.2 | 30.7 | 31.7 | 33.3 | 24.3 | 24.7 | 25.6 | 26.9 |
| | | S/T | 0.91 | 0.82 | 0.68 | 0.52 | 1.00 | 0.83 | 0.68 | 0.53 | 1.00 | 0.86 | 0.71 | 0.56 | 1.00 | 0.88 | 0.73 | 0.58 | 1.00 | 0.90 | 0.76 | 0.60 | 1.00 | 1.00 | 0.89 | 0.72 |
| | | ΔT | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 22 | 19 | 26 | 24 | 21 | 18 |
| | | kW | 2.54 | 2.53 | 2.53 | 2.55 | 2.88 | 2.87 | 2.87 | 2.89 | 3.25 | 3.25 | 3.25 | 3.27 | 3.66 | 3.66 | 3.65 | 3.68 | 4.12 | 4.12 | 4.11 | 4.14 | 4.04 | 4.04 | 4.03 | 4.06 |
| | | Amps | 9.5 | 9.5 | 9.5 | 9.6 | 11.0 | 11.0 | 11.0 | 11.1 | 12.6 | 12.6 | 12.6 | 12.7 | 14.4 | 14.4 | 14.4 | 14.5 | 16.4 | 16.4 | 16.4 | 16.5 | 16.1 | 16.1 | 16.0 | 16.1 |
| | | Hi PR | 285 | 286 | 288 | 293 | 330 | 331 | 333 | 338 | 377 | 378 | 380 | 385 | 428 | 429 | 431 | 436 | 482 | 484 | 486 | 491 | 513 | 514 | 516 | 521 |
| | | Lo PR | 116 | 118 | 121 | 126 | 123 | 125 | 128 | 133 | 130 | 131 | 134 | 139 | 135 | 136 | 139 | 144 | 140 | 141 | 144 | 149 | 160 | 161 | 164 | 170 |
| | 1240 | MBh | 35.5 | 35.9 | 37.0 | 38.6 | 35.1 | 35.6 | 36.7 | 38.3 | 34.2 | 34.7 | 35.8 | 37.4 | 32.7 | 33.2 | **34.2** | 35.8 | 30.8 | 31.2 | 32.3 | 33.9 | 24.7 | 25.2 | 26.1 | 27.4 |
| | | S/T | 0.99 | 0.91 | 0.76 | 0.61 | 1.00 | 0.91 | 0.77 | 0.61 | 1.00 | 0.94 | 0.80 | 0.64 | 1.00 | 0.96 | **0.82** | 0.66 | 1.00 | 0.99 | 0.84 | 0.69 | 1.00 | 1.00 | 0.98 | 0.82 |
| | | ΔT | 26 | 25 | 21 | 18 | 26 | 25 | 21 | 18 | 27 | 25 | 21 | 18 | 26 | 25 | **21** | 18 | 26 | 24 | 21 | 17 | 25 | 23 | 20 | 17 |
| | | kW | 2.56 | 2.56 | 2.55 | 2.58 | 2.90 | 2.90 | 2.89 | 2.92 | 3.28 | 3.27 | 3.27 | 3.29 | 3.69 | 3.68 | **3.68** | 3.70 | 4.14 | 4.14 | 4.13 | 4.16 | 4.06 | 4.06 | 4.05 | 4.08 |
| | | Amps | 9.6 | 9.6 | 9.6 | 9.7 | 11.1 | 11.1 | 11.0 | 11.2 | 12.7 | 12.7 | 12.7 | 12.8 | 14.5 | 14.5 | **14.5** | 14.6 | 16.5 | 16.5 | 16.5 | 16.6 | 16.1 | 16.1 | 16.1 | 16.2 |
| | | Hi PR | 288 | 289 | 291 | 296 | 333 | 334 | 336 | 341 | 380 | 381 | 383 | 388 | 431 | 432 | **434** | 439 | 485 | 487 | 489 | 494 | 516 | 517 | 519 | 524 |
| | | Lo PR | 118 | 120 | 123 | 128 | 125 | 127 | 130 | 135 | 132 | 133 | 136 | 141 | 137 | 138 | **141** | 146 | 142 | 143 | 146 | 151 | 162 | 163 | 167 | 172 |
| | 1430 | MBh | 36.1 | 36.6 | 37.7 | 39.3 | 35.8 | 36.3 | 37.4 | 38.9 | 34.9 | 35.4 | 36.5 | 38.0 | 33.4 | 33.8 | 34.9 | 36.5 | 31.4 | 31.9 | 33.0 | 34.6 | 25.3 | 25.8 | 26.6 | 28.0 |
| | | S/T | 1.00 | 0.95 | 0.80 | 0.65 | 1.00 | 0.96 | 0.81 | 0.66 | 1.00 | 0.98 | 0.84 | 0.68 | 1.00 | 1.00 | 0.86 | 0.70 | 1.00 | 1.00 | 0.88 | 0.73 | 1.00 | 1.00 | 1.00 | 0.86 |
| | | ΔT | 25 | 24 | 20 | 17 | 25 | 23 | 20 | 17 | 26 | 24 | 20 | 17 | 25 | 23 | 20 | 17 | 25 | 23 | 20 | 16 | 24 | 22 | 19 | 16 |
| | | kW | 2.58 | 2.57 | 2.57 | 2.59 | 2.92 | 2.91 | 2.91 | 2.93 | 3.29 | 3.29 | 3.29 | 3.31 | 3.70 | 3.70 | 3.69 | 3.72 | 4.16 | 4.16 | 4.15 | 4.18 | 4.08 | 4.07 | 4.07 | 4.09 |
| | | Amps | 9.7 | 9.7 | 9.7 | 9.8 | 11.2 | 11.2 | 11.1 | 11.2 | 12.8 | 12.8 | 12.8 | 12.9 | 14.6 | 14.6 | 14.5 | 14.7 | 16.6 | 16.6 | 16.5 | 16.6 | 16.2 | 16.2 | 16.2 | 16.3 |
| | | Hi PR | 291 | 292 | 294 | 299 | 336 | 337 | 339 | 344 | 383 | 384 | 386 | 391 | 434 | 435 | 437 | 442 | 488 | 490 | 492 | 497 | 519 | 520 | 522 | 526 |
| | | Lo PR | 121 | 122 | 125 | 130 | 128 | 129 | 132 | 137 | 134 | 135 | 138 | 143 | 139 | 141 | 144 | 149 | 144 | 146 | 149 | 154 | 164 | 166 | 169 | 175 |
| 85 | 1050 | MBh | 35.5 | 36.0 | 37.0 | 38.6 | 35.2 | 35.7 | 36.7 | 38.3 | 34.3 | 34.8 | 35.8 | 37.4 | 32.7 | 33.2 | 34.2 | 35.8 | 30.8 | 31.3 | 32.3 | 33.9 | 24.8 | 25.2 | 26.1 | 27.4 |
| | | S/T | 1.00 | 0.93 | 0.79 | 0.63 | 1.00 | 0.94 | 0.79 | 0.64 | 1.00 | 0.97 | 0.82 | 0.67 | 1.00 | 1.00 | 0.84 | 0.69 | 1.00 | 1.00 | 0.87 | 0.71 | 1.00 | 1.00 | 1.00 | 0.84 |
| | | ΔT | 31 | 30 | 26 | 23 | 31 | 30 | 26 | 23 | 32 | 30 | 26 | 23 | 31 | 29 | 26 | 23 | 31 | 29 | 26 | 22 | 29 | 28 | 25 | 21 |
| | | kW | 2.54 | 2.54 | 2.54 | 2.56 | 2.88 | 2.88 | 2.87 | 2.90 | 3.26 | 3.26 | 3.25 | 3.28 | 3.67 | 3.67 | 3.66 | 3.69 | 4.13 | 4.12 | 4.12 | 4.14 | 4.05 | 4.05 | 4.04 | 4.06 |
| | | Amps | 9.5 | 9.5 | 9.5 | 9.6 | 11.0 | 11.0 | 11.0 | 11.1 | 12.7 | 12.7 | 12.6 | 12.7 | 14.4 | 14.4 | 14.4 | 14.5 | 16.4 | 16.4 | 16.4 | 16.5 | 16.1 | 16.1 | 16.1 | 16.1 |
| | | Hi PR | 286 | 288 | 290 | 295 | 331 | 333 | 335 | 340 | 378 | 380 | 382 | 387 | 429 | 430 | 432 | 437 | 484 | 485 | 487 | 492 | 514 | 516 | 517 | 522 |
| | | Lo PR | 118 | 120 | 122 | 127 | 125 | 127 | 130 | 134 | 131 | 133 | 136 | 141 | 137 | 138 | 141 | 146 | 142 | 143 | 146 | 151 | 162 | 163 | 166 | 172 |
| | 1240 | MBh | 36.0 | 36.5 | 37.6 | 39.2 | 35.7 | 36.2 | 37.3 | 38.8 | 34.8 | 35.3 | 36.3 | 37.9 | 33.3 | 33.7 | 34.8 | 36.4 | 31.3 | 31.8 | 32.9 | 34.5 | 25.2 | 25.7 | 26.6 | 27.9 |
| | | S/T | 1.00 | 1.00 | 0.87 | 0.72 | 1.00 | 1.00 | 0.88 | 0.72 | 1.00 | 1.00 | 0.90 | 0.75 | 1.00 | 1.00 | 0.93 | 0.77 | 1.00 | 1.00 | 0.95 | 0.80 | 1.00 | 1.00 | 1.00 | 0.93 |
| | | ΔT | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 28 | 26 | 23 | 20 |
| | | kW | 2.57 | 2.56 | 2.56 | 2.58 | 2.90 | 2.90 | 2.90 | 2.92 | 3.28 | 3.28 | 3.27 | 3.30 | 3.69 | 3.69 | 3.68 | 3.71 | 4.15 | 4.15 | 4.14 | 4.17 | 4.07 | 4.06 | 4.06 | 4.08 |
| | | Amps | 9.6 | 9.6 | 9.6 | 9.7 | 11.1 | 11.1 | 11.1 | 11.2 | 12.8 | 12.7 | 12.7 | 12.8 | 14.5 | 14.5 | 14.5 | 14.6 | 16.5 | 16.5 | 16.5 | 16.6 | 16.2 | 16.2 | 16.1 | 16.2 |
| | | Hi PR | 289 | 291 | 293 | 298 | 334 | 336 | 338 | 343 | 381 | 383 | 385 | 390 | 432 | 433 | 435 | 440 | 487 | 488 | 490 | 495 | 517 | 518 | 520 | 525 |
| | | Lo PR | 120 | 122 | 125 | 129 | 127 | 129 | 132 | 137 | 133 | 135 | 138 | 143 | 139 | 140 | 143 | 148 | 144 | 145 | 148 | 153 | 164 | 165 | 169 | 174 |
| | 1430 | MBh | 36.7 | 37.2 | 38.3 | 39.8 | 36.4 | 36.9 | 37.9 | 39.5 | 35.5 | 36.0 | 37.0 | 38.6 | 33.9 | 34.4 | 35.5 | 37.1 | 32.0 | 32.5 | 33.6 | 35.2 | 25.8 | 26.3 | 27.1 | 28.5 |
| | | S/T | 1.00 | 1.00 | 0.91 | 0.76 | 1.00 | 1.00 | 0.92 | 0.76 | 1.00 | 1.00 | 0.95 | 0.79 | 1.00 | 1.00 | 0.97 | 0.81 | 1.00 | 1.00 | 0.99 | 0.84 | 1.00 | 1.00 | 1.00 | 0.98 |
| | | ΔT | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 23 | 20 | 27 | 25 | 22 | 19 |
| | | kW | 2.58 | 2.58 | 2.57 | 2.60 | 2.92 | 2.92 | 2.91 | 2.94 | 3.30 | 3.30 | 3.29 | 3.32 | 3.71 | 3.71 | 3.70 | 3.73 | 4.17 | 4.16 | 4.16 | 4.18 | 4.08 | 4.08 | 4.07 | 4.10 |
| | | Amps | 9.7 | 9.7 | 9.7 | 9.8 | 11.2 | 11.2 | 11.2 | 11.3 | 12.8 | 12.8 | 12.8 | 12.9 | 14.6 | 14.6 | 14.6 | 14.7 | 16.6 | 16.6 | 16.6 | 16.7 | 16.2 | 16.2 | 16.2 | 16.3 |
| | | Hi PR | 292 | 294 | 296 | 300 | 337 | 338 | 340 | 345 | 384 | 386 | 388 | 393 | 435 | 436 | 438 | 443 | 490 | 491 | 493 | 498 | 520 | 521 | 523 | 528 |
| | | Lo PR | 123 | 124 | 127 | 132 | 130 | 131 | 134 | 139 | 136 | 137 | 140 | 145 | 141 | 142 | 145 | 150 | 146 | 148 | 151 | 155 | 166 | 168 | 171 | 177 |

IDB = Entering Indoor Dry Bulb Temperature

Shaded area is AHRI (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS361AA / CA*EA3026*4A* + D*96VC1005CNA* at 70%

| | | | 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 | 880 | MBh | 25.0 | 25.3 | 26.1 | - | 24.7 | 25.1 | 25.8 | - | 24.1 | 24.4 | 25.2 | - | 23.0 | 23.3 | 24.1 | - | 21.6 | 21.9 | 22.7 | - | 20.3 | 20.7 | 21.4 | - |
| | | S/T | 0.65 | 0.57 | 0.42 | - | 0.66 | 0.58 | 0.43 | - | 0.69 | 0.61 | 0.46 | - | 0.71 | 0.63 | 0.48 | - | 1.00 | 0.65 | 0.50 | - | 1.00 | 0.71 | 0.56 | - |
| | | ΔT | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 18 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 20 | 18 | 15 | - |
| | | kW | 1.60 | 1.60 | 1.59 | - | 1.81 | 1.81 | 1.80 | - | 2.05 | 2.05 | 2.04 | - | 2.31 | 2.30 | 2.30 | - | 2.59 | 2.59 | 2.59 | - | 2.93 | 2.93 | 2.92 | - |
| | | Amps | 6.0 | 6.0 | 6.0 | - | 6.9 | 6.9 | 6.9 | - | 8.0 | 7.9 | 7.9 | - | 9.1 | 9.1 | 9.0 | - | 10.3 | 10.3 | 10.3 | - | 11.8 | 11.8 | 11.8 | - |
| | | Hi PR | 272 | 273 | 275 | - | 315 | 316 | 318 | - | 360 | 361 | 363 | - | 408 | 410 | 411 | - | 461 | 462 | 464 | - | 516 | 518 | 520 | - |
| | | Lo PR | 119 | 121 | 124 | - | 126 | 128 | 131 | - | 133 | 134 | 137 | - | 138 | 140 | 143 | - | 143 | 145 | 148 | - | 150 | 152 | 155 | - |
| | 1030 | MBh | 25.3 | 25.7 | 26.4 | - | 25.1 | 25.5 | 26.2 | - | 24.5 | 24.8 | 25.6 | - | 23.3 | 23.7 | 24.4 | - | 22.0 | 22.3 | 23.1 | - | 20.7 | 21.1 | 21.8 | - |
| | | S/T | 0.74 | 0.65 | 0.50 | - | 0.74 | 0.66 | 0.51 | - | 0.77 | 0.69 | 0.54 | - | 0.79 | 0.71 | 0.56 | - | 1.00 | 0.73 | 0.58 | - | 1.00 | 0.79 | 0.64 | - |
| | | ΔT | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 19 | 17 | 14 | - |
| | | kW | 1.61 | 1.61 | 1.60 | - | 1.82 | 1.82 | 1.82 | - | 2.06 | 2.06 | 2.06 | - | 2.32 | 2.32 | 2.31 | - | 2.61 | 2.60 | 2.60 | - | 2.94 | 2.94 | 2.94 | - |
| | | Amps | 6.0 | 6.0 | 6.0 | - | 7.0 | 7.0 | 7.0 | - | 8.0 | 8.0 | 8.0 | - | 9.1 | 9.1 | 9.1 | - | 10.4 | 10.4 | 10.4 | - | 11.8 | 11.8 | 11.8 | - |
| | | Hi PR | 275 | 276 | 278 | - | 318 | 319 | 321 | - | 363 | 364 | 366 | - | 411 | 412 | 414 | - | 463 | 465 | 466 | - | 519 | 520 | 522 | - |
| | | Lo PR | 121 | 123 | 126 | - | 128 | 130 | 133 | - | 135 | 136 | 139 | - | 140 | 142 | 145 | - | 145 | 147 | 150 | - | 152 | 154 | 157 | - |
| | 1180 | MBh | 25.8 | 26.2 | 26.9 | - | 25.6 | 25.9 | 26.7 | - | 24.9 | 25.3 | 26.0 | - | 23.8 | 24.2 | 24.9 | - | 22.4 | 22.8 | 23.5 | - | 21.2 | 21.5 | 22.3 | - |
| | | S/T | 0.78 | 0.69 | 0.54 | - | 0.78 | 0.70 | 0.55 | - | 0.81 | 0.73 | 0.58 | - | 0.83 | 0.75 | 0.60 | - | 1.00 | 0.77 | 0.62 | - | 1.00 | 0.83 | 0.68 | - |
| | | ΔT | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 16 | 15 | 11 | - | 18 | 16 | 13 | - |
| | | kW | 1.62 | 1.62 | 1.62 | - | 1.83 | 1.83 | 1.83 | - | 2.07 | 2.07 | 2.07 | - | 2.33 | 2.33 | 2.32 | - | 2.62 | 2.61 | 2.61 | - | 2.95 | 2.95 | 2.95 | - |
| | | Amps | 6.1 | 6.1 | 6.1 | - | 7.0 | 7.0 | 7.0 | - | 8.1 | 8.0 | 8.0 | - | 9.2 | 9.2 | 9.2 | - | 10.4 | 10.4 | 10.4 | - | 11.9 | 11.9 | 11.9 | - |
| | | Hi PR | 277 | 278 | 280 | - | 320 | 321 | 323 | - | 365 | 366 | 368 | - | 414 | 415 | 417 | - | 466 | 467 | 469 | - | 522 | 523 | 525 | - |
| | | Lo PR | 123 | 125 | 128 | - | 131 | 132 | 135 | - | 137 | 139 | 142 | - | 142 | 144 | 147 | - | 148 | 149 | 152 | - | 154 | 156 | 159 | - |
| 75 | 880 | MBh | 25.0 | 25.3 | 26.1 | 27.2 | 24.8 | 25.1 | 25.9 | 27.0 | 24.1 | 24.5 | 25.2 | 26.3 | 23.0 | 23.3 | 24.1 | 25.2 | 21.6 | 22.0 | 22.7 | 23.9 | 20.4 | 20.7 | 21.5 | 22.6 |
| | | S/T | 0.80 | 0.71 | 0.56 | 0.41 | 0.80 | 0.72 | 0.57 | 0.41 | 0.83 | 0.75 | 0.60 | 0.44 | 1.00 | 0.77 | 0.62 | 0.46 | 1.00 | 0.79 | 0.64 | 0.49 | 1.00 | 0.85 | 0.70 | 0.54 |
| | | ΔT | 23 | 21 | 18 | 15 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 15 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 24 | 22 | 19 | 15 |
| | | kW | 1.60 | 1.59 | 1.59 | 1.61 | 1.81 | 1.81 | 1.80 | 1.82 | 2.05 | 2.04 | 2.04 | 2.06 | 2.30 | 2.30 | 2.30 | 2.31 | 2.59 | 2.59 | 2.59 | 2.60 | 2.93 | 2.93 | 2.92 | 2.94 |
| | | Amps | 6.0 | 6.0 | 6.0 | 6.0 | 6.9 | 6.9 | 6.9 | 7.0 | 7.9 | 7.9 | 7.9 | 8.0 | 9.1 | 9.1 | 9.0 | 9.1 | 10.3 | 10.3 | 10.3 | 10.4 | 11.8 | 11.8 | 11.8 | 11.8 |
| | | Hi PR | 272 | 273 | 275 | 280 | 315 | 316 | 318 | 323 | 360 | 361 | 363 | 368 | 409 | 410 | 412 | 416 | 461 | 462 | 464 | 469 | 517 | 518 | 520 | 525 |
| | | Lo PR | 119 | 121 | 124 | 129 | 126 | 128 | 131 | 136 | 133 | 134 | 137 | 142 | 138 | 140 | 143 | 148 | 143 | 145 | 148 | 153 | 150 | 152 | 155 | 160 |
| | 1030 | MBh | 25.4 | 25.7 | 26.5 | 27.6 | 25.1 | 25.5 | 26.2 | 27.4 | 24.5 | 24.8 | 25.6 | 26.7 | 23.4 | 23.7 | 24.5 | 25.6 | 22.0 | 22.3 | 23.1 | 24.2 | 20.7 | 21.1 | 21.8 | 23.0 |
| | | S/T | 0.88 | 0.79 | 0.64 | 0.49 | 0.88 | 0.80 | 0.65 | 0.49 | 1.00 | 0.83 | 0.68 | 0.52 | 1.00 | 0.85 | 0.70 | 0.54 | 1.00 | 0.87 | 0.72 | 0.57 | 1.00 | 0.93 | 0.78 | 0.62 |
| | | ΔT | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 21 | 20 | 16 | 13 | 22 | 21 | 17 | 14 |
| | | kW | 1.61 | 1.61 | 1.60 | 1.62 | 1.82 | 1.82 | 1.82 | 1.83 | 2.06 | 2.06 | 2.05 | 2.07 | 2.32 | 2.32 | 2.31 | 2.33 | 2.60 | 2.60 | 2.60 | 2.62 | 2.94 | 2.94 | 2.94 | 2.95 |
| | | Amps | 6.0 | 6.0 | 6.0 | 6.1 | 7.0 | 7.0 | 6.9 | 7.0 | 8.0 | 8.0 | 8.0 | 8.0 | 9.1 | 9.1 | 9.1 | 9.2 | 10.4 | 10.4 | 10.3 | 10.4 | 11.8 | 11.8 | 11.8 | 11.9 |
| | | Hi PR | 275 | 276 | 278 | 283 | 318 | 319 | 321 | 326 | 363 | 364 | 366 | 371 | 411 | 413 | 414 | 419 | 464 | 465 | 467 | 471 | 519 | 521 | 522 | 527 |
| | | Lo PR | 121 | 123 | 126 | 131 | 128 | 130 | 133 | 138 | 135 | 136 | 139 | 144 | 140 | 142 | 145 | 150 | 145 | 147 | 150 | 155 | 152 | 154 | 157 | 162 |
| | 1180 | MBh | 25.8 | 26.2 | 26.9 | 28.1 | 25.6 | 26.0 | 26.7 | 27.8 | 25.0 | 25.3 | 26.1 | 27.2 | 23.8 | 24.2 | 24.9 | 26.1 | 22.5 | 22.8 | 23.6 | 24.7 | 21.2 | 21.6 | 22.3 | 23.4 |
| | | S/T | 0.92 | 0.83 | 0.69 | 0.53 | 0.93 | 0.84 | 0.69 | 0.53 | 1.00 | 0.87 | 0.72 | 0.56 | 1.00 | 0.89 | 0.74 | 0.58 | 1.00 | 0.92 | 0.77 | 0.61 | 1.00 | 1.00 | 0.82 | 0.66 |
| | | ΔT | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 20 | 19 | 15 | 12 | 21 | 20 | 16 | 13 |
| | | kW | 1.62 | 1.62 | 1.61 | 1.63 | 1.83 | 1.83 | 1.83 | 1.84 | 2.07 | 2.07 | 2.06 | 2.08 | 2.33 | 2.33 | 2.32 | 2.34 | 2.61 | 2.61 | 2.61 | 2.63 | 2.95 | 2.95 | 2.95 | 2.96 |
| | | Amps | 6.1 | 6.1 | 6.1 | 6.1 | 7.0 | 7.0 | 7.0 | 7.1 | 8.0 | 8.0 | 8.0 | 8.1 | 9.2 | 9.2 | 9.1 | 9.2 | 10.4 | 10.4 | 10.4 | 10.5 | 11.9 | 11.9 | 11.9 | 11.9 |
| | | Hi PR | 277 | 279 | 281 | 285 | 320 | 322 | 324 | 328 | 365 | 367 | 369 | 373 | 414 | 415 | 417 | 422 | 466 | 467 | 469 | 474 | 522 | 523 | 525 | 530 |
| | | Lo PR | 123 | 125 | 128 | 133 | 131 | 132 | 135 | 140 | 137 | 139 | 142 | 147 | 142 | 144 | 147 | 152 | 148 | 149 | 152 | 157 | 154 | 156 | 159 | 164 |

IDB = Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS361AA / CA*EA3026*4A* + D*96VC1005CNA* at 70%

| | | | 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 | 880 | MBh | 25.1 | 25.5 | 26.2 | 27.4 | 24.9 | 25.2 | 26.0 | 27.1 | 24.2 | 24.6 | 25.3 | 26.5 | 23.1 | 23.5 | 24.2 | 25.4 | 21.7 | 22.1 | 22.8 | 24.0 | 20.5 | 20.8 | 21.6 | 22.7 |
| | | S/T | 0.94 | 0.85 | 0.70 | 0.54 | 1.00 | 0.86 | 0.71 | 0.55 | 1.00 | 0.89 | 0.74 | 0.58 | 1.00 | 0.91 | 0.76 | 0.60 | 1.00 | 1.00 | 0.78 | 0.62 | 1.00 | 1.00 | 0.84 | 0.68 |
| | | ΔT | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 19 | 27 | 25 | 22 | 18 | 26 | 25 | 21 | 18 | 28 | 26 | 23 | 19 |
| | | kW | 1.60 | 1.59 | 1.59 | 1.61 | 1.81 | 1.81 | 1.80 | 1.82 | 2.05 | 2.05 | 2.04 | 2.06 | 2.30 | 2.30 | 2.30 | 2.32 | 2.59 | 2.59 | 2.59 | 2.60 | 2.93 | 2.93 | 2.92 | 2.94 |
| | | Amps | 6.0 | 6.0 | 6.0 | 6.0 | 6.9 | 6.9 | 6.9 | 7.0 | 8.0 | 7.9 | 7.9 | 8.0 | 9.1 | 9.1 | 9.0 | 9.1 | 10.3 | 10.3 | 10.3 | 10.4 | 11.8 | 11.8 | 11.8 | 11.8 |
| | | Hi PR | 273 | 274 | 276 | 281 | 316 | 317 | 319 | 323 | 361 | 362 | 364 | 368 | 409 | 410 | 412 | 417 | 461 | 463 | 464 | 469 | 517 | 518 | 520 | 525 |
| | | Lo PR | 120 | 121 | 124 | 129 | 127 | 128 | 131 | 137 | 133 | 135 | 138 | 143 | 139 | 140 | 143 | 148 | 144 | 145 | 148 | 154 | 151 | 152 | 155 | 160 |
| | 1030 | MBh | 25.5 | 25.8 | 26.6 | 27.7 | 25.3 | 25.6 | 26.4 | 27.5 | 24.6 | 25.0 | 25.7 | 26.9 | 23.5 | 23.8 | **24.6** | 25.7 | 22.1 | 22.5 | 23.2 | 24.4 | 20.9 | 21.2 | 22.0 | 23.1 |
| | | S/T | 1.00 | 0.93 | 0.78 | 0.62 | 1.00 | 0.94 | 0.79 | 0.63 | 1.00 | 0.97 | 0.82 | 0.66 | 1.00 | 0.99 | **0.84** | 0.68 | 1.00 | 1.00 | 0.86 | 0.70 | 1.00 | 1.00 | 0.92 | 0.76 |
| | | ΔT | 26 | 24 | 21 | 17 | 25 | 24 | 20 | 17 | 26 | 24 | 21 | 17 | 25 | 24 | **20** | 17 | 25 | 23 | 20 | 17 | 26 | 25 | 21 | 18 |
| | | kW | 1.61 | 1.61 | 1.60 | 1.62 | 1.82 | 1.82 | 1.82 | 1.83 | 2.06 | 2.06 | 2.06 | 2.07 | 2.32 | 2.32 | **2.31** | 2.33 | 2.61 | 2.60 | 2.60 | 2.62 | 2.94 | 2.94 | 2.94 | 2.95 |
| | | Amps | 6.0 | 6.0 | 6.0 | 6.1 | 7.0 | 7.0 | 7.0 | 7.0 | 8.0 | 8.0 | 8.0 | 8.1 | 9.1 | 9.1 | **9.1** | 9.2 | 10.4 | 10.4 | 10.4 | 10.4 | 11.8 | 11.8 | 11.8 | 11.9 |
| | | Hi PR | 275 | 277 | 278 | 283 | 318 | 320 | 321 | 326 | 363 | 365 | 366 | 371 | 412 | 413 | **415** | 420 | 464 | 465 | 467 | 472 | 520 | 521 | 523 | 528 |
| | | Lo PR | 122 | 123 | 126 | 131 | 129 | 130 | 134 | 139 | 135 | 137 | 140 | 145 | 141 | 142 | **145** | 150 | 146 | 147 | 151 | 156 | 153 | 154 | 157 | 162 |
| | 1180 | MBh | 26.0 | 26.3 | 27.1 | 28.2 | 25.7 | 26.1 | 26.8 | 28.0 | 25.1 | 25.4 | 26.2 | 27.3 | 24.0 | 24.3 | 25.1 | 26.2 | 22.6 | 22.9 | 23.7 | 24.8 | 21.3 | 21.7 | 22.4 | 23.6 |
| | | S/T | 1.00 | 0.97 | 0.82 | 0.67 | 1.00 | 0.98 | 0.83 | 0.67 | 1.00 | 1.00 | 0.86 | 0.70 | 1.00 | 1.00 | 0.88 | 0.72 | 1.00 | 1.00 | 0.90 | 0.75 | 1.00 | 1.00 | 0.96 | 0.80 |
| | | ΔT | 25 | 23 | 19 | 16 | 24 | 23 | 19 | 16 | 25 | 23 | 20 | 16 | 24 | 23 | 19 | 16 | 24 | 22 | 19 | 16 | 25 | 24 | 20 | 17 |
| | | kW | 1.62 | 1.62 | 1.62 | 1.63 | 1.83 | 1.83 | 1.83 | 1.84 | 2.07 | 2.07 | 2.07 | 2.08 | 2.33 | 2.33 | 2.32 | 2.34 | 2.62 | 2.61 | 2.61 | 2.63 | 2.95 | 2.95 | 2.95 | 2.96 |
| | | Amps | 6.1 | 6.1 | 6.1 | 6.1 | 7.0 | 7.0 | 7.0 | 7.1 | 8.1 | 8.0 | 8.0 | 8.1 | 9.2 | 9.2 | 9.1 | 9.2 | 10.4 | 10.4 | 10.4 | 10.5 | 11.9 | 11.9 | 11.9 | 11.9 |
| | | Hi PR | 278 | 279 | 281 | 286 | 321 | 322 | 324 | 329 | 366 | 367 | 369 | 374 | 414 | 416 | 418 | 422 | 467 | 468 | 470 | 475 | 523 | 524 | 526 | 530 |
| | | Lo PR | 124 | 125 | 129 | 134 | 131 | 133 | 136 | 141 | 138 | 139 | 142 | 147 | 143 | 145 | 148 | 153 | 148 | 150 | 153 | 158 | 155 | 156 | 159 | 165 |
| 85 | 880 | MBh | 25.5 | 25.9 | 26.6 | 27.8 | 25.3 | 25.7 | 26.4 | 27.6 | 24.7 | 25.0 | 25.8 | 26.9 | 23.5 | 23.9 | 24.6 | 25.8 | 22.2 | 22.5 | 23.3 | 24.4 | 20.9 | 21.3 | 22.0 | 23.1 |
| | | S/T | 1.00 | 0.96 | 0.81 | 0.66 | 1.00 | 0.97 | 0.82 | 0.66 | 1.00 | 1.00 | 0.85 | 0.69 | 1.00 | 1.00 | 0.87 | 0.71 | 1.00 | 1.00 | 0.89 | 0.74 | 1.00 | 1.00 | 0.95 | 0.79 |
| | | ΔT | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 22 | 30 | 29 | 25 | 22 | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 22 | 31 | 29 | 26 | 23 |
| | | kW | 1.60 | 1.60 | 1.60 | 1.61 | 1.81 | 1.81 | 1.81 | 1.82 | 2.05 | 2.05 | 2.05 | 2.06 | 2.31 | 2.31 | 2.30 | 2.32 | 2.60 | 2.59 | 2.59 | 2.61 | 2.93 | 2.93 | 2.93 | 2.94 |
| | | Amps | 6.0 | 6.0 | 6.0 | 6.1 | 6.9 | 6.9 | 6.9 | 7.0 | 8.0 | 8.0 | 7.9 | 8.0 | 9.1 | 9.1 | 9.1 | 9.1 | 10.3 | 10.3 | 10.3 | 10.4 | 11.8 | 11.8 | 11.8 | 11.9 |
| | | Hi PR | 274 | 275 | 277 | 282 | 317 | 318 | 320 | 325 | 362 | 363 | 365 | 370 | 410 | 412 | 414 | 418 | 463 | 464 | 466 | 471 | 518 | 520 | 522 | 526 |
| | | Lo PR | 121 | 123 | 126 | 131 | 129 | 130 | 133 | 138 | 135 | 137 | 140 | 145 | 140 | 142 | 145 | 150 | 146 | 147 | 150 | 155 | 152 | 154 | 157 | 162 |
| | 1030 | MBh | 25.9 | 26.3 | 27.0 | 28.2 | 25.7 | 26.0 | 26.8 | 27.9 | 25.0 | 25.4 | 26.1 | 27.3 | 23.9 | 24.3 | 25.0 | 26.2 | 22.5 | 22.9 | 23.6 | 24.8 | 21.3 | 21.6 | 22.4 | 23.5 |
| | | S/T | 1.00 | 1.00 | 0.89 | 0.74 | 1.00 | 1.00 | 0.90 | 0.74 | 1.00 | 1.00 | 0.93 | 0.77 | 1.00 | 1.00 | 0.95 | 0.79 | 1.00 | 1.00 | 0.97 | 0.82 | 1.00 | 1.00 | 1.00 | 0.87 |
| | | ΔT | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 20 | 30 | 28 | 25 | 21 |
| | | kW | 1.61 | 1.61 | 1.61 | 1.62 | 1.83 | 1.83 | 1.82 | 1.84 | 2.06 | 2.06 | 2.06 | 2.08 | 2.32 | 2.32 | 2.32 | 2.33 | 2.61 | 2.61 | 2.60 | 2.62 | 2.95 | 2.95 | 2.94 | 2.96 |
| | | Amps | 6.1 | 6.1 | 6.0 | 6.1 | 7.0 | 7.0 | 7.0 | 7.0 | 8.0 | 8.0 | 8.0 | 8.1 | 9.1 | 9.1 | 9.1 | 9.2 | 10.4 | 10.4 | 10.4 | 10.4 | 11.9 | 11.9 | 11.8 | 11.9 |
| | | Hi PR | 277 | 278 | 280 | 284 | 320 | 321 | 323 | 327 | 365 | 366 | 368 | 372 | 413 | 414 | 416 | 421 | 465 | 467 | 468 | 473 | 521 | 522 | 524 | 529 |
| | | Lo PR | 124 | 125 | 128 | 133 | 131 | 132 | 135 | 140 | 137 | 139 | 142 | 147 | 143 | 144 | 147 | 152 | 148 | 149 | 152 | 157 | 154 | 156 | 159 | 164 |
| | 1180 | MBh | 26.4 | 26.7 | 27.5 | 28.6 | 26.2 | 26.5 | 27.3 | 28.4 | 25.5 | 25.9 | 26.6 | 27.7 | 24.4 | 24.7 | 25.5 | 26.6 | 23.0 | 23.4 | 24.1 | 25.2 | 21.8 | 22.1 | 22.9 | 24.0 |
| | | S/T | 1.00 | 1.00 | 0.94 | 0.78 | 1.00 | 1.00 | 0.94 | 0.78 | 1.00 | 1.00 | 0.97 | 0.81 | 1.00 | 1.00 | 0.99 | 0.83 | 1.00 | 1.00 | 1.00 | 0.86 | 1.00 | 1.00 | 1.00 | 0.91 |
| | | ΔT | 28 | 26 | 23 | 20 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 20 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 29 | 27 | 24 | 20 |
| | | kW | 1.62 | 1.62 | 1.62 | 1.64 | 1.84 | 1.84 | 1.83 | 1.85 | 2.08 | 2.07 | 2.07 | 2.09 | 2.33 | 2.33 | 2.33 | 2.34 | 2.62 | 2.62 | 2.61 | 2.63 | 2.96 | 2.96 | 2.95 | 2.97 |
| | | Amps | 6.1 | 6.1 | 6.1 | 6.2 | 7.0 | 7.0 | 7.0 | 7.1 | 8.1 | 8.1 | 8.0 | 8.1 | 9.2 | 9.2 | 9.2 | 9.2 | 10.4 | 10.4 | 10.4 | 10.5 | 11.9 | 11.9 | 11.9 | 12.0 |
| | | Hi PR | 279 | 280 | 282 | 287 | 322 | 323 | 325 | 330 | 367 | 368 | 370 | 375 | 416 | 417 | 419 | 424 | 468 | 469 | 471 | 476 | 524 | 525 | 527 | 532 |
| | | Lo PR | 126 | 127 | 130 | 135 | 133 | 135 | 138 | 143 | 139 | 141 | 144 | 149 | 145 | 146 | 149 | 154 | 150 | 152 | 155 | 160 | 157 | 158 | 161 | 166 |

IDB = Entering Indoor Dry Bulb Temperature

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

Shaded area is AHRI (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS421AA / CA*E4860*4A* + D*96VC1005CNA* at 100%

| | | | 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 | 1125 | MBh | 40.6 | 41.2 | 42.4 | - | 40.2 | 40.8 | 42.0 | - | 39.2 | 39.7 | 40.9 | - | 37.3 | 37.9 | 39.1 | - | 35.1 | 35.7 | 36.9 | - | 27.9 | 28.4 | 29.4 | - |
| | | S/T | 0.59 | 0.51 | 0.38 | - | 0.59 | 0.52 | 0.38 | - | 0.62 | 0.54 | 0.41 | - | 0.64 | 0.56 | 0.43 | - | 0.66 | 0.58 | 0.45 | - | 1.00 | 0.69 | 0.55 | - |
| | | ΔT | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 14 | - | 19 | 17 | 14 | - |
| | | kW | 3.07 | 3.07 | 3.06 | - | 3.48 | 3.48 | 3.47 | - | 3.94 | 3.93 | 3.93 | - | 4.43 | 4.42 | 4.42 | - | 4.98 | 4.97 | 4.97 | - | 4.84 | 4.83 | 4.83 | - |
| | | Amps | 11.6 | 11.6 | 11.6 | - | 13.4 | 13.4 | 13.3 | - | 15.4 | 15.3 | 15.3 | - | 17.5 | 17.5 | 17.4 | - | 19.9 | 19.9 | 19.8 | - | 19.3 | 19.3 | 19.2 | - |
| | | Hi PR | 280 | 282 | 284 | - | 325 | 326 | 328 | - | 371 | 372 | 374 | - | 421 | 422 | 424 | - | 475 | 476 | 478 | - | 481 | 482 | 484 | - |
| | | Lo PR | 117 | 118 | 121 | - | 124 | 126 | 129 | - | 130 | 132 | 135 | - | 136 | 137 | 140 | - | 141 | 142 | 145 | - | 161 | 162 | 166 | - |
| | 1330 | MBh | 41.2 | 41.8 | 43.0 | - | 40.9 | 41.4 | 42.7 | - | 39.8 | 40.4 | 41.6 | - | 38.0 | 38.5 | 39.8 | - | 35.7 | 36.3 | 37.5 | - | 28.4 | 28.9 | 29.9 | - |
| | | S/T | 0.67 | 0.59 | 0.45 | - | 0.67 | 0.60 | 0.46 | - | 0.70 | 0.62 | 0.49 | - | 0.72 | 0.64 | 0.50 | - | 0.74 | 0.66 | 0.53 | - | 1.00 | 1.00 | 0.63 | - |
| | | ΔT | 18 | 17 | 13 | - | 18 | 17 | 13 | - | 19 | 17 | 13 | - | 18 | 17 | 13 | - | 18 | 16 | 13 | - | 17 | 16 | 13 | - |
| | | kW | 3.10 | 3.10 | 3.09 | - | 3.51 | 3.50 | 3.50 | - | 3.96 | 3.96 | 3.95 | - | 4.45 | 4.45 | 4.44 | - | 5.00 | 5.00 | 4.99 | - | 4.86 | 4.86 | 4.85 | - |
| | | Amps | 11.7 | 11.7 | 11.7 | - | 13.5 | 13.5 | 13.4 | - | 15.5 | 15.5 | 15.4 | - | 17.6 | 17.6 | 17.6 | - | 20.0 | 20.0 | 20.0 | - | 19.4 | 19.4 | 19.3 | - |
| | | Hi PR | 283 | 285 | 287 | - | 328 | 329 | 331 | - | 374 | 375 | 377 | - | 424 | 425 | 427 | - | 478 | 479 | 481 | - | 484 | 485 | 487 | - |
| | | Lo PR | 119 | 121 | 123 | - | 126 | 128 | 131 | - | 132 | 134 | 137 | - | 138 | 139 | 142 | - | 143 | 144 | 147 | - | 163 | 165 | 168 | - |
| | 1525 | MBh | 42.0 | 42.6 | 43.8 | - | 41.6 | 42.2 | 43.4 | - | 40.6 | 41.1 | 42.4 | - | 38.7 | 39.3 | 40.5 | - | 36.5 | 37.1 | 38.3 | - | 29.1 | 29.6 | 30.6 | - |
| | | S/T | 0.70 | 0.63 | 0.49 | - | 0.71 | 0.63 | 0.50 | - | 0.73 | 0.66 | 0.52 | - | 0.75 | 0.68 | 0.54 | - | 1.00 | 0.70 | 0.56 | - | 1.00 | 1.00 | 0.67 | - |
| | | ΔT | 17 | 16 | 12 | - | 17 | 16 | 12 | - | 18 | 16 | 12 | - | 17 | 16 | 12 | - | 17 | 15 | 12 | - | 16 | 15 | 12 | - |
| | | kW | 3.12 | 3.12 | 3.11 | - | 3.53 | 3.52 | 3.52 | - | 3.98 | 3.98 | 3.97 | - | 4.47 | 4.47 | 4.46 | - | 5.02 | 5.02 | 5.01 | - | 4.88 | 4.87 | 4.87 | - |
| | | Amps | 11.8 | 11.8 | 11.8 | - | 13.6 | 13.6 | 13.5 | - | 15.6 | 15.5 | 15.5 | - | 17.7 | 17.7 | 17.7 | - | 20.1 | 20.1 | 20.0 | - | 19.4 | 19.4 | 19.4 | - |
| | | Hi PR | 286 | 287 | 289 | - | 330 | 332 | 334 | - | 377 | 378 | 380 | - | 427 | 428 | 430 | - | 481 | 482 | 484 | - | 486 | 487 | 489 | - |
| | | Lo PR | 121 | 123 | 126 | - | 128 | 130 | 133 | - | 135 | 136 | 139 | - | 140 | 141 | 144 | - | 145 | 147 | 150 | - | 165 | 167 | 170 | - |
| 75 | 1125 | MBh | 40.6 | 41.2 | 42.4 | 44.3 | 40.2 | 40.8 | 42.0 | 43.9 | 39.2 | 39.8 | 41.0 | 42.8 | 37.4 | 37.9 | 39.1 | 41.0 | 35.1 | 35.7 | 36.9 | 38.8 | 27.9 | 28.4 | 29.4 | 31.0 |
| | | S/T | 0.72 | 0.64 | 0.50 | 0.36 | 0.72 | 0.65 | 0.51 | 0.37 | 0.75 | 0.67 | 0.54 | 0.39 | 1.00 | 0.69 | 0.56 | 0.41 | 1.00 | 0.71 | 0.58 | 0.43 | 1.00 | 1.00 | 0.69 | 0.53 |
| | | ΔT | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 18 | 15 | 22 | 21 | 18 | 14 |
| | | kW | 3.07 | 3.07 | 3.06 | 3.09 | 3.48 | 3.47 | 3.47 | 3.50 | 3.93 | 3.93 | 3.92 | 3.95 | 4.43 | 4.42 | 4.41 | 4.45 | 4.97 | 4.97 | 4.96 | 5.00 | 4.83 | 4.83 | 4.83 | 4.85 |
| | | Amps | 11.6 | 11.6 | 11.5 | 11.7 | 13.4 | 13.3 | 13.3 | 13.5 | 15.3 | 15.3 | 15.3 | 15.4 | 17.5 | 17.5 | 17.4 | 17.6 | 19.9 | 19.9 | 19.8 | 20.0 | 19.3 | 19.2 | 19.2 | 19.3 |
| | | Hi PR | 281 | 282 | 284 | 289 | 325 | 326 | 328 | 333 | 371 | 373 | 375 | 379 | 421 | 423 | 425 | 430 | 475 | 477 | 479 | 483 | 481 | 482 | 484 | 489 |
| | | Lo PR | 117 | 118 | 121 | 126 | 124 | 126 | 129 | 134 | 130 | 132 | 135 | 140 | 136 | 137 | 140 | 145 | 141 | 142 | 145 | 150 | 161 | 162 | 166 | 171 |
| | 1330 | MBh | 41.3 | 41.8 | 43.0 | 44.9 | 40.9 | 41.5 | 42.7 | 44.5 | 39.8 | 40.4 | 41.6 | 43.5 | 38.0 | 38.6 | 39.8 | 41.6 | 35.8 | 36.3 | 37.6 | 39.4 | 28.5 | 28.9 | 30.0 | 31.5 |
| | | S/T | 0.79 | 0.72 | 0.58 | 0.44 | 0.80 | 0.72 | 0.59 | 0.45 | 0.83 | 0.75 | 0.61 | 0.47 | 1.00 | 0.77 | 0.63 | 0.49 | 1.00 | 0.79 | 0.66 | 0.51 | 1.00 | 1.00 | 0.77 | 0.62 |
| | | ΔT | 22 | 21 | 17 | 14 | 22 | 21 | 17 | 14 | 23 | 21 | 17 | 14 | 22 | 21 | 17 | 14 | 22 | 20 | 17 | 13 | 21 | 19 | 16 | 13 |
| | | kW | 3.10 | 3.09 | 3.09 | 3.12 | 3.50 | 3.50 | 3.49 | 3.53 | 3.96 | 3.96 | 3.95 | 3.98 | 4.45 | 4.45 | 4.44 | 4.47 | 5.00 | 5.00 | 4.99 | 5.02 | 4.86 | 4.85 | 4.85 | 4.88 |
| | | Amps | 11.7 | 11.7 | 11.7 | 11.8 | 13.5 | 13.5 | 13.4 | 13.6 | 15.5 | 15.4 | 15.4 | 15.5 | 17.6 | 17.6 | 17.6 | 17.7 | 20.0 | 20.0 | 19.9 | 20.1 | 19.4 | 19.3 | 19.3 | 19.4 |
| | | Hi PR | 284 | 285 | 287 | 292 | 328 | 329 | 331 | 336 | 374 | 376 | 378 | 382 | 424 | 426 | 428 | 432 | 478 | 480 | 482 | 486 | 484 | 485 | 487 | 491 |
| | | Lo PR | 119 | 121 | 124 | 129 | 126 | 128 | 131 | 136 | 132 | 134 | 137 | 142 | 138 | 139 | 142 | 147 | 143 | 144 | 147 | 152 | 163 | 165 | 168 | 173 |
| | 1525 | MBh | 42.0 | 42.6 | 43.8 | 45.7 | 41.7 | 42.2 | 43.4 | 45.3 | 40.6 | 41.2 | 42.4 | 44.2 | 38.8 | 39.3 | 40.6 | 42.4 | 36.5 | 37.1 | 38.3 | 40.2 | 29.1 | 29.6 | 30.6 | 32.2 |
| | | S/T | 0.83 | 0.76 | 0.62 | 0.48 | 0.84 | 0.76 | 0.63 | 0.48 | 1.00 | 0.79 | 0.65 | 0.51 | 1.00 | 0.81 | 0.67 | 0.53 | 1.00 | 0.83 | 0.69 | 0.55 | 1.00 | 1.00 | 0.81 | 0.66 |
| | | ΔT | 21 | 20 | 16 | 13 | 21 | 20 | 16 | 13 | 22 | 20 | 16 | 13 | 21 | 20 | 16 | 13 | 21 | 19 | 16 | 12 | 20 | 18 | 15 | 12 |
| | | kW | 3.12 | 3.11 | 3.11 | 3.14 | 3.53 | 3.52 | 3.52 | 3.55 | 3.98 | 3.98 | 3.97 | 4.00 | 4.47 | 4.47 | 4.46 | 4.49 | 5.02 | 5.02 | 5.01 | 5.04 | 4.87 | 4.87 | 4.87 | 4.89 |
| | | Amps | 11.8 | 11.8 | 11.8 | 11.9 | 13.6 | 13.6 | 13.5 | 13.7 | 15.5 | 15.5 | 15.5 | 15.6 | 17.7 | 17.7 | 17.6 | 17.8 | 20.1 | 20.1 | 20.0 | 20.2 | 19.4 | 19.4 | 19.4 | 19.5 |
| | | Hi PR | 286 | 288 | 290 | 294 | 331 | 332 | 334 | 339 | 377 | 378 | 380 | 385 | 427 | 428 | 430 | 435 | 481 | 482 | 484 | 489 | 486 | 487 | 489 | 494 |
| | | Lo PR | 121 | 123 | 126 | 131 | 128 | 130 | 133 | 138 | 135 | 136 | 139 | 144 | 140 | 141 | 144 | 149 | 145 | 147 | 150 | 155 | 166 | 167 | 170 | 176 |

IDB = Entering Indoor Dry Bulb Temperature

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

Shaded area is ACCA (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS421AA / CA*E4860*4A* + D*96VC1005CNA* at 100%

| | | | 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 | 1125 | MBh | 40.8 | 41.4 | 42.6 | 44.5 | 40.5 | 41.0 | 42.2 | 44.1 | 39.4 | 40.0 | 41.2 | 43.0 | 37.6 | 38.1 | 39.4 | 41.2 | 35.3 | 35.9 | 37.1 | 39.0 | 28.1 | 28.6 | 29.6 | 31.2 |
| | | S/T | 0.84 | 0.77 | 0.63 | 0.49 | 1.00 | 0.77 | 0.64 | 0.49 | 1.00 | 0.80 | 0.66 | 0.52 | 1.00 | 0.82 | 0.68 | 0.54 | 1.00 | 0.84 | 0.70 | 0.56 | 1.00 | 1.00 | 0.82 | 0.67 |
| | | ΔT | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 22 | 19 | 26 | 24 | 21 | 18 |
| | | kW | 3.07 | 3.07 | 3.06 | 3.09 | 3.48 | 3.48 | 3.47 | 3.50 | 3.94 | 3.93 | 3.92 | 3.96 | 4.43 | 4.42 | 4.42 | 4.45 | 4.98 | 4.97 | 4.97 | 5.00 | 4.84 | 4.83 | 4.83 | 4.85 |
| | | Amps | 11.6 | 11.6 | 11.6 | 11.7 | 13.4 | 13.4 | 13.3 | 13.5 | 15.3 | 15.3 | 15.3 | 15.4 | 17.5 | 17.5 | 17.4 | 17.6 | 19.9 | 19.9 | 19.8 | 20.0 | 19.3 | 19.3 | 19.2 | 19.3 |
| | | Hi PR | 281 | 282 | 284 | 289 | 325 | 327 | 329 | 334 | 372 | 373 | 375 | 380 | 422 | 423 | 425 | 430 | 476 | 477 | 479 | 484 | 482 | 483 | 485 | 489 |
| | | Lo PR | 117 | 119 | 122 | 127 | 125 | 126 | 129 | 134 | 131 | 132 | 135 | 140 | 136 | 138 | 141 | 146 | 141 | 143 | 146 | 151 | 161 | 163 | 166 | 172 |
| | 1330 | MBh | 41.5 | 42.0 | 43.3 | 45.1 | 41.1 | 41.7 | 42.9 | 44.7 | 40.0 | 40.6 | 41.8 | 43.7 | 38.2 | 38.8 | **40.0** | 41.9 | 36.0 | 36.5 | 37.8 | 39.6 | 28.6 | 29.1 | 30.1 | 31.7 |
| | | S/T | 0.92 | 0.84 | 0.71 | 0.57 | 1.00 | 0.85 | 0.71 | 0.57 | 1.00 | 0.88 | 0.74 | 0.60 | 1.00 | 0.89 | **0.76** | 0.62 | 1.00 | 0.92 | 0.78 | 0.64 | 1.00 | 1.00 | 1.00 | 0.75 |
| | | ΔT | 26 | 25 | 21 | 18 | 26 | 25 | 21 | 18 | 27 | 25 | 21 | 18 | 26 | 25 | **21** | 18 | 26 | 24 | 21 | 17 | 25 | 23 | 20 | 17 |
| | | kW | 3.10 | 3.10 | 3.09 | 3.12 | 3.51 | 3.50 | 3.50 | 3.53 | 3.96 | 3.96 | 3.95 | 3.98 | 4.45 | 4.45 | **4.44** | 4.47 | 5.00 | 5.00 | 4.99 | 5.02 | 4.86 | 4.86 | 4.85 | 4.88 |
| | | Amps | 11.7 | 11.7 | 11.7 | 11.8 | 13.5 | 13.5 | 13.4 | 13.6 | 15.5 | 15.5 | 15.4 | 15.6 | 17.6 | 17.6 | **17.6** | 17.7 | 20.0 | 20.0 | 20.0 | 20.1 | 19.4 | 19.4 | 19.3 | 19.4 |
| | | Hi PR | 284 | 285 | 287 | 292 | 328 | 330 | 332 | 337 | 375 | 376 | 378 | 383 | 425 | 426 | **428** | 433 | 479 | 480 | 482 | 487 | 484 | 485 | 487 | 492 |
| | | Lo PR | 120 | 121 | 124 | 129 | 127 | 128 | 131 | 136 | 133 | 134 | 137 | 142 | 138 | 140 | **143** | 148 | 143 | 145 | 148 | 153 | 164 | 165 | 168 | 174 |
| | 1525 | MBh | 42.2 | 42.8 | 44.0 | 45.9 | 41.9 | 42.4 | 43.7 | 45.5 | 40.8 | 41.4 | 42.6 | 44.5 | 39.0 | 39.5 | 40.8 | 42.6 | 36.7 | 37.3 | 38.5 | 40.4 | 29.3 | 29.8 | 30.8 | 32.4 |
| | | S/T | 0.96 | 0.88 | 0.75 | 0.60 | 1.00 | 0.89 | 0.75 | 0.61 | 1.00 | 0.91 | 0.78 | 0.63 | 1.00 | 0.93 | 0.80 | 0.65 | 1.00 | 1.00 | 0.82 | 0.68 | 1.00 | 1.00 | 1.00 | 0.79 |
| | | ΔT | 25 | 24 | 20 | 17 | 25 | 24 | 20 | 17 | 26 | 24 | 20 | 17 | 25 | 24 | 20 | 17 | 25 | 23 | 20 | 16 | 24 | 22 | 19 | 16 |
| | | kW | 3.12 | 3.12 | 3.11 | 3.14 | 3.53 | 3.52 | 3.52 | 3.55 | 3.98 | 3.98 | 3.97 | 4.00 | 4.47 | 4.47 | 4.46 | 4.50 | 5.02 | 5.02 | 5.01 | 5.05 | 4.88 | 4.87 | 4.87 | 4.89 |
| | | Amps | 11.8 | 11.8 | 11.8 | 11.9 | 13.6 | 13.6 | 13.5 | 13.7 | 15.6 | 15.5 | 15.5 | 15.6 | 17.7 | 17.7 | 17.6 | 17.8 | 20.1 | 20.1 | 20.0 | 20.2 | 19.4 | 19.4 | 19.4 | 19.5 |
| | | Hi PR | 287 | 288 | 290 | 295 | 331 | 332 | 334 | 339 | 378 | 379 | 381 | 386 | 428 | 429 | 431 | 436 | 482 | 483 | 485 | 490 | 487 | 488 | 490 | 494 |
| | | Lo PR | 122 | 123 | 126 | 131 | 129 | 130 | 133 | 138 | 135 | 137 | 140 | 145 | 141 | 142 | 145 | 150 | 146 | 147 | 150 | 155 | 166 | 168 | 171 | 176 |
| 85 | 1125 | MBh | 41.5 | 42.1 | 43.3 | 45.2 | 41.1 | 41.7 | 42.9 | 44.8 | 40.1 | 40.7 | 41.9 | 43.7 | 38.2 | 38.8 | 40.0 | 41.9 | 36.0 | 36.6 | 37.8 | 39.7 | 28.7 | 29.2 | 30.2 | 31.7 |
| | | S/T | 1.00 | 0.87 | 0.73 | 0.59 | 1.00 | 0.87 | 0.74 | 0.59 | 1.00 | 0.90 | 0.76 | 0.62 | 1.00 | 1.00 | 0.78 | 0.64 | 1.00 | 1.00 | 0.80 | 0.66 | 1.00 | 1.00 | 1.00 | 0.78 |
| | | ΔT | 31 | 30 | 26 | 23 | 31 | 30 | 26 | 23 | 32 | 30 | 26 | 23 | 31 | 30 | 26 | 23 | 31 | 29 | 26 | 22 | 29 | 27 | 24 | 21 |
| | | kW | 3.08 | 3.08 | 3.07 | 3.10 | 3.49 | 3.48 | 3.48 | 3.51 | 3.94 | 3.94 | 3.93 | 3.96 | 4.43 | 4.43 | 4.42 | 4.46 | 4.98 | 4.98 | 4.97 | 5.01 | 4.84 | 4.84 | 4.83 | 4.86 |
| | | Amps | 11.6 | 11.6 | 11.6 | 11.7 | 13.4 | 13.4 | 13.4 | 13.5 | 15.4 | 15.4 | 15.3 | 15.5 | 17.5 | 17.5 | 17.5 | 17.6 | 19.9 | 19.9 | 19.9 | 20.0 | 19.3 | 19.3 | 19.3 | 19.4 |
| | | Hi PR | 282 | 284 | 286 | 291 | 327 | 328 | 330 | 335 | 373 | 374 | 376 | 381 | 423 | 424 | 426 | 431 | 477 | 478 | 480 | 485 | 483 | 484 | 486 | 490 |
| | | Lo PR | 119 | 121 | 124 | 129 | 126 | 128 | 131 | 136 | 133 | 134 | 137 | 142 | 138 | 139 | 142 | 147 | 143 | 145 | 148 | 153 | 163 | 165 | 168 | 174 |
| | 1330 | MBh | 42.2 | 42.7 | 43.9 | 45.8 | 41.8 | 42.4 | 43.6 | 45.4 | 40.7 | 41.3 | 42.5 | 44.4 | 38.9 | 39.5 | 40.7 | 42.5 | 36.7 | 37.2 | 38.5 | 40.3 | 29.2 | 29.7 | 30.7 | 32.3 |
| | | S/T | 1.00 | 0.95 | 0.81 | 0.67 | 1.00 | 0.95 | 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 | 0.86 |
| | | ΔT | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 28 | 26 | 23 | 20 |
| | | kW | 3.11 | 3.10 | 3.10 | 3.13 | 3.51 | 3.51 | 3.50 | 3.54 | 3.97 | 3.97 | 3.96 | 3.99 | 4.46 | 4.46 | 4.45 | 4.48 | 5.01 | 5.01 | 5.00 | 5.03 | 4.87 | 4.86 | 4.86 | 4.88 |
| | | Amps | 11.7 | 11.7 | 11.7 | 11.8 | 13.5 | 13.5 | 13.5 | 13.6 | 15.5 | 15.5 | 15.5 | 15.6 | 17.6 | 17.6 | 17.6 | 17.7 | 20.0 | 20.0 | 20.0 | 20.1 | 19.4 | 19.4 | 19.4 | 19.5 |
| | | Hi PR | 285 | 287 | 289 | 294 | 330 | 331 | 333 | 338 | 376 | 377 | 379 | 384 | 426 | 427 | 429 | 434 | 480 | 481 | 483 | 488 | 486 | 487 | 488 | 493 |
| | | Lo PR | 121 | 123 | 126 | 131 | 129 | 130 | 133 | 138 | 135 | 136 | 139 | 144 | 140 | 141 | 144 | 149 | 145 | 147 | 150 | 155 | 166 | 167 | 170 | 176 |
| | 1525 | MBh | 42.9 | 43.5 | 44.7 | 46.6 | 42.6 | 43.1 | 44.3 | 46.2 | 41.5 | 42.1 | 43.3 | 45.1 | 39.7 | 40.2 | 41.5 | 43.3 | 37.4 | 38.0 | 39.2 | 41.1 | 29.9 | 30.3 | 31.4 | 32.9 |
| | | S/T | 1.00 | 0.98 | 0.85 | 0.70 | 1.00 | 0.99 | 0.85 | 0.71 | 1.00 | 1.00 | 0.88 | 0.74 | 1.00 | 1.00 | 0.90 | 0.76 | 1.00 | 1.00 | 0.92 | 0.78 | 1.00 | 1.00 | 1.00 | 0.90 |
| | | ΔT | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 23 | 20 | 27 | 25 | 22 | 19 |
| | | kW | 3.13 | 3.12 | 3.12 | 3.15 | 3.54 | 3.53 | 3.53 | 3.56 | 3.99 | 3.99 | 3.98 | 4.01 | 4.48 | 4.48 | 4.47 | 4.50 | 5.03 | 5.03 | 5.02 | 5.05 | 4.88 | 4.88 | 4.87 | 4.90 |
| | | Amps | 11.8 | 11.8 | 11.8 | 11.9 | 13.6 | 13.6 | 13.6 | 13.7 | 15.6 | 15.6 | 15.5 | 15.7 | 17.7 | 17.7 | 17.7 | 17.8 | 20.1 | 20.1 | 20.1 | 20.2 | 19.5 | 19.5 | 19.4 | 19.5 |
| | | Hi PR | 288 | 289 | 291 | 296 | 332 | 334 | 336 | 341 | 379 | 380 | 382 | 387 | 429 | 430 | 432 | 437 | 483 | 484 | 486 | 491 | 488 | 489 | 491 | 495 |
| | | Lo PR | 124 | 125 | 128 | 133 | 131 | 132 | 135 | 140 | 137 | 138 | 141 | 146 | 142 | 144 | 147 | 152 | 147 | 149 | 152 | 157 | 168 | 170 | 173 | 178 |

IDB = Entering Indoor Dry Bulb Temperature

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

Shaded area is AHRI (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS421AA / CA*E4860*4A* + D*96VC1005CNA* at 70%

| | | | 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 | 970 | MBh | 29.2 | 29.6 | 30.5 | - | 28.9 | 29.3 | 30.2 | - | 28.2 | 28.6 | 29.5 | - | 26.9 | 27.3 | 28.1 | - | 25.2 | 25.7 | 26.5 | - | 23.8 | 24.2 | 25.1 | - |
| | | S/T | 0.61 | 0.53 | 0.39 | - | 0.61 | 0.53 | 0.40 | - | 0.64 | 0.56 | 0.42 | - | 0.66 | 0.58 | 0.44 | - | 1.00 | 0.60 | 0.46 | - | 1.00 | 0.66 | 0.52 | - |
| | | ΔT | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 18 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 20 | 18 | 15 | - |
| | | kW | 1.93 | 1.93 | 1.93 | - | 2.19 | 2.19 | 2.18 | - | 2.48 | 2.47 | 2.47 | - | 2.79 | 2.78 | 2.78 | - | 3.13 | 3.13 | 3.13 | - | 3.54 | 3.54 | 3.53 | - |
| | | Amps | 7.3 | 7.3 | 7.3 | - | 8.4 | 8.4 | 8.4 | - | 9.7 | 9.6 | 9.6 | - | 11.0 | 11.0 | 11.0 | - | 12.5 | 12.5 | 12.5 | - | 14.3 | 14.3 | 14.2 | - |
| | | Hi PR | 268 | 269 | 271 | - | 311 | 312 | 314 | - | 355 | 356 | 358 | - | 403 | 404 | 406 | - | 454 | 455 | 457 | - | 509 | 510 | 512 | - |
| | | Lo PR | 120 | 122 | 125 | - | 128 | 129 | 132 | - | 134 | 136 | 139 | - | 139 | 141 | 144 | - | 145 | 146 | 149 | - | 151 | 153 | 156 | - |
| | 1140 | MBh | 29.6 | 30.1 | 30.9 | - | 29.4 | 29.8 | 30.7 | - | 28.6 | 29.0 | 29.9 | - | 27.3 | 27.7 | 28.6 | - | 25.7 | 26.1 | 27.0 | - | 24.2 | 24.6 | 25.5 | - |
| | | S/T | 0.68 | 0.61 | 0.47 | - | 0.69 | 0.61 | 0.47 | - | 0.72 | 0.64 | 0.50 | - | 0.74 | 0.66 | 0.52 | - | 1.00 | 0.68 | 0.54 | - | 1.00 | 0.73 | 0.59 | - |
| | | ΔT | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 19 | 17 | 14 | - |
| | | kW | 1.95 | 1.95 | 1.94 | - | 2.21 | 2.20 | 2.20 | - | 2.49 | 2.49 | 2.49 | - | 2.80 | 2.80 | 2.80 | - | 3.15 | 3.15 | 3.14 | - | 3.55 | 3.55 | 3.55 | - |
| | | Amps | 7.4 | 7.4 | 7.3 | - | 8.5 | 8.5 | 8.5 | - | 9.7 | 9.7 | 9.7 | - | 11.1 | 11.1 | 11.0 | - | 12.6 | 12.6 | 12.6 | - | 14.3 | 14.3 | 14.3 | - |
| | | Hi PR | 271 | 272 | 274 | - | 313 | 314 | 316 | - | 358 | 359 | 361 | - | 405 | 407 | 409 | - | 457 | 458 | 460 | - | 512 | 513 | 515 | - |
| | | Lo PR | 122 | 124 | 127 | - | 130 | 131 | 134 | - | 136 | 138 | 141 | - | 142 | 143 | 146 | - | 147 | 148 | 151 | - | 154 | 155 | 158 | - |
| | 1310 | MBh | 30.2 | 30.6 | 31.5 | - | 29.9 | 30.4 | 31.2 | - | 29.2 | 29.6 | 30.5 | - | 27.9 | 28.3 | 29.2 | - | 26.3 | 26.7 | 27.5 | - | 24.8 | 25.2 | 26.1 | - |
| | | S/T | 0.72 | 0.64 | 0.51 | - | 0.73 | 0.65 | 0.51 | - | 0.75 | 0.68 | 0.54 | - | 1.00 | 0.70 | 0.56 | - | 1.00 | 0.72 | 0.58 | - | 1.00 | 0.77 | 0.63 | - |
| | | ΔT | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 16 | 15 | 11 | - | 18 | 16 | 13 | - |
| | | kW | 1.96 | 1.96 | 1.96 | - | 2.22 | 2.22 | 2.21 | - | 2.51 | 2.50 | 2.50 | - | 2.81 | 2.81 | 2.81 | - | 3.16 | 3.16 | 3.15 | - | 3.57 | 3.56 | 3.56 | - |
| | | Amps | 7.4 | 7.4 | 7.4 | - | 8.5 | 8.5 | 8.5 | - | 9.8 | 9.8 | 9.8 | - | 11.1 | 11.1 | 11.1 | - | 12.6 | 12.6 | 12.6 | - | 14.4 | 14.4 | 14.4 | - |
| | | Hi PR | 274 | 275 | 277 | - | 316 | 317 | 319 | - | 360 | 361 | 363 | - | 408 | 409 | 411 | - | 460 | 461 | 463 | - | 515 | 516 | 518 | - |
| | | Lo PR | 125 | 126 | 129 | - | 132 | 134 | 137 | - | 139 | 140 | 143 | - | 144 | 145 | 149 | - | 149 | 151 | 154 | - | 156 | 157 | 161 | - |
| 75 | 970 | MBh | 29.2 | 29.6 | 30.5 | 31.8 | 28.9 | 29.4 | 30.2 | 31.6 | 28.2 | 28.6 | 29.5 | 30.8 | 26.9 | 27.3 | 28.2 | 29.5 | 25.3 | 25.7 | 26.6 | 27.9 | 23.8 | 24.2 | 25.1 | 26.4 |
| | | S/T | 0.74 | 0.66 | 0.52 | 0.38 | 0.75 | 0.67 | 0.53 | 0.38 | 1.00 | 0.69 | 0.55 | 0.41 | 1.00 | 0.71 | 0.57 | 0.43 | 1.00 | 0.74 | 0.60 | 0.45 | 1.00 | 0.79 | 0.65 | 0.50 |
| | | ΔT | 23 | 21 | 18 | 15 | 23 | 21 | 18 | 15 | 23 | 21 | 18 | 15 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 24 | 22 | 19 | 15 |
| | | kW | 1.93 | 1.93 | 1.93 | 1.95 | 2.19 | 2.19 | 2.18 | 2.20 | 2.47 | 2.47 | 2.47 | 2.49 | 2.78 | 2.78 | 2.78 | 2.80 | 3.13 | 3.13 | 3.12 | 3.14 | 3.54 | 3.53 | 3.53 | 3.55 |
| | | Amps | 7.3 | 7.3 | 7.3 | 7.4 | 8.4 | 8.4 | 8.4 | 8.5 | 9.7 | 9.6 | 9.6 | 9.7 | 11.0 | 11.0 | 11.0 | 11.1 | 12.5 | 12.5 | 12.5 | 12.6 | 14.3 | 14.3 | 14.2 | 14.3 |
| | | Hi PR | 268 | 270 | 271 | 276 | 311 | 312 | 314 | 318 | 355 | 356 | 358 | 363 | 403 | 404 | 406 | 411 | 455 | 456 | 458 | 462 | 510 | 511 | 513 | 517 |
| | | Lo PR | 120 | 122 | 125 | 130 | 128 | 129 | 132 | 137 | 134 | 136 | 139 | 144 | 140 | 141 | 144 | 149 | 145 | 146 | 149 | 155 | 152 | 153 | 156 | 161 |
| | 1140 | MBh | 29.7 | 30.1 | 30.9 | 32.3 | 29.4 | 29.8 | 30.7 | 32.0 | 28.6 | 29.0 | 29.9 | 31.3 | 27.3 | 27.7 | 28.6 | 29.9 | 25.7 | 26.1 | 27.0 | 28.3 | 24.2 | 24.7 | 25.5 | 26.9 |
| | | 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 |
| | | ΔT | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 21 | 20 | 16 | 13 | 22 | 21 | 17 | 14 |
| | | kW | 1.95 | 1.95 | 1.94 | 1.96 | 2.20 | 2.20 | 2.20 | 2.22 | 2.49 | 2.49 | 2.48 | 2.50 | 2.80 | 2.80 | 2.79 | 2.81 | 3.15 | 3.14 | 3.14 | 3.16 | 3.55 | 3.55 | 3.55 | 3.57 |
| | | Amps | 7.4 | 7.4 | 7.3 | 7.4 | 8.5 | 8.5 | 8.4 | 8.5 | 9.7 | 9.7 | 9.7 | 9.8 | 11.1 | 11.1 | 11.0 | 11.1 | 12.6 | 12.6 | 12.5 | 12.6 | 14.3 | 14.3 | 14.3 | 14.4 |
| | | Hi PR | 271 | 272 | 274 | 279 | 313 | 315 | 317 | 321 | 358 | 359 | 361 | 366 | 406 | 407 | 409 | 413 | 457 | 458 | 460 | 465 | 512 | 513 | 515 | 520 |
| | | Lo PR | 122 | 124 | 127 | 132 | 130 | 131 | 134 | 139 | 136 | 138 | 141 | 146 | 142 | 143 | 146 | 151 | 147 | 148 | 152 | 157 | 154 | 155 | 158 | 163 |
| | 1310 | MBh | 30.2 | 30.6 | 31.5 | 32.8 | 30.0 | 30.4 | 31.2 | 32.6 | 29.2 | 29.6 | 30.5 | 31.8 | 27.9 | 28.3 | 29.2 | 30.5 | 26.3 | 26.7 | 27.6 | 28.9 | 24.8 | 25.2 | 26.1 | 27.4 |
| | | S/T | 0.86 | 0.78 | 0.64 | 0.49 | 0.86 | 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 | 0.57 | 1.00 | 1.00 | 0.77 | 0.62 |
| | | ΔT | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 20 | 19 | 15 | 12 | 21 | 20 | 16 | 13 |
| | | kW | 1.96 | 1.96 | 1.96 | 1.97 | 2.22 | 2.22 | 2.21 | 2.23 | 2.50 | 2.50 | 2.50 | 2.52 | 2.81 | 2.81 | 2.81 | 2.83 | 3.16 | 3.16 | 3.15 | 3.17 | 3.56 | 3.56 | 3.56 | 3.58 |
| | | Amps | 7.4 | 7.4 | 7.4 | 7.5 | 8.5 | 8.5 | 8.5 | 8.6 | 9.8 | 9.8 | 9.8 | 9.8 | 11.1 | 11.1 | 11.1 | 11.2 | 12.6 | 12.6 | 12.6 | 12.7 | 14.4 | 14.4 | 14.4 | 14.4 |
| | | Hi PR | 274 | 275 | 277 | 281 | 316 | 317 | 319 | 324 | 361 | 362 | 364 | 368 | 408 | 410 | 411 | 416 | 460 | 461 | 463 | 468 | 515 | 516 | 518 | 523 |
| | | Lo PR | 125 | 126 | 129 | 134 | 132 | 134 | 137 | 142 | 139 | 140 | 143 | 148 | 144 | 145 | 149 | 154 | 149 | 151 | 154 | 159 | 156 | 157 | 161 | 166 |

IDB = Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS421AA / CA*E4860*4A* + D*96VC1005CNA* at 70%

| | | | 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 | 970 | MBh | 29.4 | 29.8 | 30.6 | 32.0 | 29.1 | 29.5 | 30.4 | 31.7 | 28.3 | 28.7 | 29.6 | 31.0 | 27.0 | 27.4 | 28.3 | 29.6 | 25.4 | 25.8 | 26.7 | 28.0 | 23.9 | 24.4 | 25.2 | 26.6 |
| | | S/T | 0.87 | 0.79 | 0.65 | 0.50 | 1.00 | 0.80 | 0.66 | 0.51 | 1.00 | 0.82 | 0.68 | 0.54 | 1.00 | 0.84 | 0.70 | 0.56 | 1.00 | 1.00 | 0.73 | 0.58 | 1.00 | 1.00 | 0.78 | 0.63 |
| | | ΔT | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 19 | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 28 | 26 | 23 | 19 |
| | | kW | 1.93 | 1.93 | 1.93 | 1.95 | 2.19 | 2.19 | 2.18 | 2.20 | 2.48 | 2.47 | 2.47 | 2.49 | 2.79 | 2.78 | 2.78 | 2.80 | 3.13 | 3.13 | 3.12 | 3.14 | 3.54 | 3.53 | 3.53 | 3.55 |
| | | Amps | 7.3 | 7.3 | 7.3 | 7.4 | 8.4 | 8.4 | 8.4 | 8.5 | 9.7 | 9.6 | 9.6 | 9.7 | 11.0 | 11.0 | 11.0 | 11.1 | 12.5 | 12.5 | 12.5 | 12.6 | 14.3 | 14.3 | 14.2 | 14.3 |
| | | Hi PR | 269 | 270 | 272 | 277 | 311 | 312 | 314 | 319 | 356 | 357 | 359 | 363 | 403 | 405 | 407 | 411 | 455 | 456 | 458 | 463 | 510 | 511 | 513 | 518 |
| | | Lo PR | 121 | 122 | 125 | 131 | 128 | 130 | 133 | 138 | 135 | 136 | 139 | 144 | 140 | 142 | 145 | 150 | 145 | 147 | 150 | 155 | 152 | 154 | 157 | 162 |
| | 1140 | MBh | 29.8 | 30.2 | 31.1 | 32.4 | 29.6 | 30.0 | 30.8 | 32.2 | 28.8 | 29.2 | 30.1 | 31.4 | 27.5 | 27.9 | **28.8** | 30.1 | 25.9 | 26.3 | 27.2 | 28.5 | 24.4 | 24.8 | 25.7 | 27.0 |
| | | 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 | 0.92 | **0.78** | 0.63 | 1.00 | 1.00 | 0.80 | 0.66 | 1.00 | 1.00 | 0.86 | 0.71 |
| | | ΔT | 26 | 24 | 21 | 17 | 25 | 24 | 20 | 17 | 26 | 24 | 21 | 17 | 25 | 24 | **20** | 17 | 25 | 23 | 20 | 17 | 26 | 25 | 21 | 18 |
| | | kW | 1.95 | 1.95 | 1.94 | 1.96 | 2.21 | 2.20 | 2.20 | 2.22 | 2.49 | 2.49 | 2.49 | 2.51 | 2.80 | 2.80 | **2.80** | 2.81 | 3.15 | 3.15 | 3.14 | 3.16 | 3.55 | 3.55 | 3.55 | 3.57 |
| | | Amps | 7.4 | 7.4 | 7.3 | 7.4 | 8.5 | 8.5 | 8.5 | 8.5 | 9.7 | 9.7 | 9.7 | 9.8 | 11.1 | 11.1 | **11.0** | 11.1 | 12.6 | 12.6 | 12.5 | 12.6 | 14.3 | 14.3 | 14.3 | 14.4 |
| | | Hi PR | 272 | 273 | 275 | 279 | 314 | 315 | 317 | 322 | 358 | 360 | 361 | 366 | 406 | 407 | **409** | 414 | 458 | 459 | 461 | 465 | 513 | 514 | 516 | 521 |
| | | Lo PR | 123 | 124 | 128 | 133 | 130 | 132 | 135 | 140 | 137 | 138 | 141 | 146 | 142 | 144 | **147** | 152 | 147 | 149 | 152 | 157 | 154 | 156 | 159 | 164 |
| | 1310 | MBh | 30.4 | 30.8 | 31.7 | 33.0 | 30.1 | 30.5 | 31.4 | 32.7 | 29.3 | 29.8 | 30.6 | 32.0 | 28.0 | 28.4 | 29.3 | 30.7 | 26.4 | 26.8 | 27.7 | 29.0 | 25.0 | 25.4 | 26.2 | 27.6 |
| | | S/T | 1.00 | 0.91 | 0.77 | 0.62 | 1.00 | 0.91 | 0.77 | 0.63 | 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 |
| | | ΔT | 24 | 23 | 19 | 16 | 24 | 23 | 19 | 16 | 25 | 23 | 20 | 16 | 24 | 23 | 19 | 16 | 24 | 22 | 19 | 16 | 25 | 24 | 20 | 17 |
| | | kW | 1.96 | 1.96 | 1.96 | 1.98 | 2.22 | 2.22 | 2.21 | 2.23 | 2.51 | 2.50 | 2.50 | 2.52 | 2.81 | 2.81 | 2.81 | 2.83 | 3.16 | 3.16 | 3.15 | 3.17 | 3.57 | 3.56 | 3.56 | 3.58 |
| | | Amps | 7.4 | 7.4 | 7.4 | 7.5 | 8.5 | 8.5 | 8.5 | 8.6 | 9.8 | 9.8 | 9.8 | 9.8 | 11.1 | 11.1 | 11.1 | 11.2 | 12.6 | 12.6 | 12.6 | 12.7 | 14.4 | 14.4 | 14.4 | 14.5 |
| | | Hi PR | 274 | 275 | 277 | 282 | 317 | 318 | 320 | 324 | 361 | 362 | 364 | 369 | 409 | 410 | 412 | 417 | 460 | 462 | 463 | 468 | 515 | 517 | 518 | 523 |
| | | Lo PR | 125 | 127 | 130 | 135 | 133 | 134 | 137 | 142 | 139 | 141 | 144 | 149 | 145 | 146 | 149 | 154 | 150 | 151 | 154 | 160 | 157 | 158 | 161 | 166 |
| 85 | 970 | MBh | 29.9 | 30.3 | 31.1 | 32.5 | 29.6 | 30.0 | 30.9 | 32.2 | 28.8 | 29.2 | 30.1 | 31.5 | 27.5 | 27.9 | 28.8 | 30.1 | 25.9 | 26.3 | 27.2 | 28.5 | 24.4 | 24.9 | 25.7 | 27.1 |
| | | S/T | 1.00 | 0.89 | 0.75 | 0.61 | 1.00 | 0.90 | 0.76 | 0.61 | 1.00 | 1.00 | 0.79 | 0.64 | 1.00 | 1.00 | 0.81 | 0.66 | 1.00 | 1.00 | 0.83 | 0.68 | 1.00 | 1.00 | 1.00 | 0.74 |
| | | ΔT | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 22 | 30 | 29 | 25 | 22 | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 22 | 31 | 29 | 26 | 23 |
| | | kW | 1.94 | 1.94 | 1.93 | 1.95 | 2.19 | 2.19 | 2.19 | 2.21 | 2.48 | 2.48 | 2.47 | 2.49 | 2.79 | 2.79 | 2.78 | 2.80 | 3.14 | 3.13 | 3.13 | 3.15 | 3.54 | 3.54 | 3.54 | 3.56 |
| | | Amps | 7.3 | 7.3 | 7.3 | 7.4 | 8.4 | 8.4 | 8.4 | 8.5 | 9.7 | 9.7 | 9.7 | 9.7 | 11.0 | 11.0 | 11.0 | 11.1 | 12.5 | 12.5 | 12.5 | 12.6 | 14.3 | 14.3 | 14.3 | 14.3 |
| | | Hi PR | 270 | 271 | 273 | 278 | 313 | 314 | 316 | 320 | 357 | 358 | 360 | 365 | 405 | 406 | 408 | 412 | 456 | 457 | 459 | 464 | 511 | 512 | 514 | 519 |
| | | Lo PR | 123 | 124 | 127 | 132 | 130 | 131 | 135 | 140 | 136 | 138 | 141 | 146 | 142 | 143 | 146 | 152 | 147 | 149 | 152 | 157 | 154 | 155 | 158 | 164 |
| | 1140 | MBh | 30.3 | 30.7 | 31.6 | 32.9 | 30.0 | 30.5 | 31.3 | 32.7 | 29.3 | 29.7 | 30.6 | 31.9 | 28.0 | 28.4 | 29.3 | 30.6 | 26.4 | 26.8 | 27.6 | 29.0 | 24.9 | 25.3 | 26.2 | 27.5 |
| | | S/T | 1.00 | 0.97 | 0.83 | 0.68 | 1.00 | 0.98 | 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 | 1.00 | 0.81 |
| | | ΔT | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 20 | 30 | 28 | 25 | 21 |
| | | kW | 1.95 | 1.95 | 1.95 | 1.97 | 2.21 | 2.21 | 2.20 | 2.22 | 2.50 | 2.49 | 2.49 | 2.51 | 2.81 | 2.80 | 2.80 | 2.82 | 3.15 | 3.15 | 3.15 | 3.17 | 3.56 | 3.56 | 3.55 | 3.57 |
| | | Amps | 7.4 | 7.4 | 7.4 | 7.4 | 8.5 | 8.5 | 8.5 | 8.6 | 9.7 | 9.7 | 9.7 | 9.8 | 11.1 | 11.1 | 11.1 | 11.2 | 12.6 | 12.6 | 12.6 | 12.7 | 14.4 | 14.4 | 14.3 | 14.4 |
| | | Hi PR | 273 | 274 | 276 | 281 | 315 | 316 | 318 | 323 | 360 | 361 | 363 | 367 | 407 | 409 | 411 | 415 | 459 | 460 | 462 | 467 | 514 | 515 | 517 | 522 |
| | | Lo PR | 125 | 126 | 129 | 134 | 132 | 134 | 137 | 142 | 139 | 140 | 143 | 148 | 144 | 145 | 149 | 154 | 149 | 151 | 154 | 159 | 156 | 157 | 161 | 166 |
| | 1310 | MBh | 30.9 | 31.3 | 32.2 | 33.5 | 30.6 | 31.0 | 31.9 | 33.2 | 29.8 | 30.3 | 31.1 | 32.5 | 28.5 | 28.9 | 29.8 | 31.1 | 26.9 | 27.3 | 28.2 | 29.5 | 25.5 | 25.9 | 26.7 | 28.1 |
| | | S/T | 1.00 | 1.00 | 0.87 | 0.72 | 1.00 | 1.00 | 0.88 | 0.73 | 1.00 | 1.00 | 0.90 | 0.76 | 1.00 | 1.00 | 0.92 | 0.78 | 1.00 | 1.00 | 0.95 | 0.80 | 1.00 | 1.00 | 1.00 | 0.85 |
| | | ΔT | 28 | 26 | 23 | 20 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 20 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 29 | 27 | 24 | 20 |
| | | kW | 1.97 | 1.97 | 1.96 | 1.98 | 2.22 | 2.22 | 2.22 | 2.24 | 2.51 | 2.51 | 2.50 | 2.52 | 2.82 | 2.82 | 2.81 | 2.83 | 3.17 | 3.16 | 3.16 | 3.18 | 3.57 | 3.57 | 3.56 | 3.58 |
| | | Amps | 7.4 | 7.4 | 7.4 | 7.5 | 8.6 | 8.6 | 8.5 | 8.6 | 9.8 | 9.8 | 9.8 | 9.9 | 11.2 | 11.1 | 11.1 | 11.2 | 12.7 | 12.6 | 12.6 | 12.7 | 14.4 | 14.4 | 14.4 | 14.5 |
| | | Hi PR | 276 | 277 | 279 | 283 | 318 | 319 | 321 | 326 | 362 | 363 | 365 | 370 | 410 | 411 | 413 | 418 | 462 | 463 | 465 | 469 | 517 | 518 | 520 | 524 |
| | | TotalPower | 1,968 | 1,966 | 1,961 | 1,981 | 2,224 | 2,222 | 2,218 | 2,237 | 2,510 | 2,508 | 2,504 | 2,523 | 2,820 | 2,818 | 2,813 | 2,833 | 3,165 | 3,163 | 3,159 | 3,179 | 3,571 | 3,569 | 3,565 | 3,584 |

IDB = Entering Indoor Dry Bulb Temperature

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

Shaded area is AHRI (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

## Expanded Cooling Data — DX17VSS481AA / CA*E4860*4A* + D*96VC1005CNA* at 100%

| | | | 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 | 1125 | MBh | 46.1 | 46.7 | 48.1 | - | 45.6 | 46.3 | 47.7 | - | 44.4 | 45.1 | 46.5 | - | 42.4 | 43.0 | 44.4 | - | 38.4 | 39.1 | 40.4 | - | 28.0 | 28.5 | 29.5 | - |
| | | S/T | 0.55 | 0.47 | 0.34 | - | 0.55 | 0.48 | 0.35 | - | 0.58 | 0.50 | 0.37 | - | 0.59 | 0.52 | 0.39 | - | 0.64 | 0.56 | 0.43 | - | 1.00 | 1.00 | 0.54 | - |
| | | ΔT | 21 | 19 | 15 | - | 21 | 19 | 15 | - | 21 | 19 | 16 | - | 21 | 19 | 15 | - | 20 | 18 | 15 | - | 18 | 17 | 14 | - |
| | | kW | 3.75 | 3.75 | 3.74 | - | 4.27 | 4.26 | 4.25 | - | 4.84 | 4.83 | 4.82 | - | 5.46 | 5.45 | 5.44 | - | 5.96 | 5.95 | 5.94 | - | 5.35 | 5.35 | 5.34 | - |
| | | Amps | 14.4 | 14.3 | 14.3 | - | 16.6 | 16.6 | 16.5 | - | 19.1 | 19.1 | 19.0 | - | 21.8 | 21.7 | 21.7 | - | 23.9 | 23.9 | 23.9 | - | 21.3 | 21.3 | 21.3 | - |
| | | Hi PR | 282 | 283 | 285 | - | 327 | 328 | 330 | - | 374 | 375 | 377 | - | 424 | 425 | 427 | - | 470 | 471 | 473 | - | 484 | 485 | 487 | - |
| | | Lo PR | 115 | 116 | 119 | - | 122 | 123 | 126 | - | 128 | 130 | 132 | - | 133 | 135 | 138 | - | 141 | 142 | 145 | - | 162 | 164 | 167 | - |
| | 1370 | MBh | 46.9 | 47.6 | 48.9 | - | 46.5 | 47.1 | 48.5 | - | 45.3 | 45.9 | 47.3 | - | 43.2 | 43.9 | 45.2 | - | 39.2 | 39.9 | 41.2 | - | 28.6 | 29.1 | 30.1 | - |
| | | S/T | 0.64 | 0.56 | 0.43 | - | 0.64 | 0.57 | 0.44 | - | 0.67 | 0.59 | 0.46 | - | 0.69 | 0.61 | 0.48 | - | 1.00 | 0.66 | 0.52 | - | 1.00 | 1.00 | 0.64 | - |
| | | ΔT | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 18 | 14 | - | 19 | 17 | 14 | - | 18 | 17 | 13 | - | 17 | 15 | 12 | - |
| | | kW | 3.79 | 3.79 | 3.78 | - | 4.31 | 4.30 | 4.29 | - | 4.88 | 4.87 | 4.86 | - | 5.50 | 5.49 | 5.48 | - | 6.00 | 5.99 | 5.98 | - | 5.38 | 5.38 | 5.37 | - |
| | | Amps | 14.5 | 14.5 | 14.5 | - | 16.8 | 16.7 | 16.7 | - | 19.2 | 19.2 | 19.2 | - | 21.9 | 21.9 | 21.9 | - | 24.1 | 24.1 | 24.1 | - | 21.5 | 21.4 | 21.4 | - |
| | | Hi PR | 286 | 287 | 289 | - | 330 | 332 | 334 | - | 377 | 378 | 380 | - | 428 | 429 | 431 | - | 473 | 474 | 476 | - | 487 | 488 | 490 | - |
| | | Lo PR | 117 | 119 | 122 | - | 124 | 126 | 129 | - | 130 | 132 | 135 | - | 136 | 137 | 140 | - | 143 | 145 | 148 | - | 165 | 167 | 170 | - |
| | 1525 | MBh | 47.6 | 48.2 | 49.6 | - | 47.1 | 47.8 | 49.2 | - | 45.9 | 46.6 | 48.0 | - | 43.9 | 44.5 | 45.9 | - | 39.9 | 40.5 | 41.8 | - | 29.1 | 29.6 | 30.6 | - |
| | | S/T | 0.67 | 0.59 | 0.46 | - | 0.67 | 0.60 | 0.47 | - | 0.70 | 0.62 | 0.49 | - | 0.72 | 0.64 | 0.51 | - | 1.00 | 0.69 | 0.55 | - | 1.00 | 1.00 | 0.68 | - |
| | | ΔT | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 19 | 17 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 16 | 15 | 12 | - |
| | | kW | 3.81 | 3.81 | 3.80 | - | 4.33 | 4.32 | 4.31 | - | 4.90 | 4.89 | 4.88 | - | 5.52 | 5.51 | 5.50 | - | 6.01 | 6.01 | 6.00 | - | 5.40 | 5.40 | 5.39 | - |
| | | Amps | 14.6 | 14.6 | 14.6 | - | 16.8 | 16.8 | 16.8 | - | 19.3 | 19.3 | 19.3 | - | 22.0 | 22.0 | 22.0 | - | 24.2 | 24.2 | 24.1 | - | 21.5 | 21.5 | 21.5 | - |
| | | Hi PR | 288 | 289 | 291 | - | 332 | 334 | 336 | - | 379 | 381 | 383 | - | 430 | 431 | 433 | - | 475 | 476 | 478 | - | 489 | 490 | 492 | - |
| | | Lo PR | 119 | 120 | 123 | - | 126 | 127 | 130 | - | 132 | 134 | 137 | - | 137 | 139 | 142 | - | 145 | 146 | 149 | - | 167 | 169 | 172 | - |
| 75 | 1125 | MBh | 46.1 | 46.7 | 48.1 | 50.2 | 45.7 | 46.3 | 47.7 | 49.8 | 44.5 | 45.1 | 46.5 | 48.6 | 42.4 | 43.0 | 44.4 | 46.5 | 38.5 | 39.1 | 40.4 | 42.5 | 28.0 | 28.5 | 29.5 | 31.1 |
| | | S/T | 0.67 | 0.60 | 0.47 | 0.33 | 0.67 | 0.60 | 0.47 | 0.34 | 0.70 | 0.63 | 0.50 | 0.36 | 1.00 | 0.64 | 0.52 | 0.38 | 1.00 | 0.69 | 0.56 | 0.41 | 1.00 | 1.00 | 0.68 | 0.52 |
| | | ΔT | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 24 | 22 | 19 | 15 | 22 | 20 | 17 | 14 |
| | | kW | 3.75 | 3.75 | 3.74 | 3.78 | 4.26 | 4.26 | 4.25 | 4.29 | 4.83 | 4.83 | 4.82 | 4.86 | 5.45 | 5.45 | 5.44 | 5.48 | 5.95 | 5.95 | 5.94 | 5.98 | 5.35 | 5.35 | 5.34 | 5.37 |
| | | Amps | 14.3 | 14.3 | 14.3 | 14.5 | 16.6 | 16.6 | 16.5 | 16.7 | 19.1 | 19.0 | 19.0 | 19.2 | 21.8 | 21.7 | 21.7 | 21.9 | 23.9 | 23.9 | 23.9 | 24.0 | 21.3 | 21.3 | 21.3 | 21.4 |
| | | Hi PR | 282 | 284 | 286 | 291 | 327 | 328 | 330 | 335 | 374 | 375 | 377 | 382 | 424 | 426 | 428 | 433 | 470 | 471 | 473 | 478 | 484 | 486 | 487 | 492 |
| | | Lo PR | 115 | 116 | 119 | 124 | 122 | 123 | 126 | 131 | 128 | 130 | 132 | 137 | 133 | 135 | 138 | 143 | 141 | 142 | 145 | 150 | 162 | 164 | 167 | 173 |
| | 1370 | MBh | 46.9 | 47.6 | 49.0 | 51.1 | 46.5 | 47.2 | 48.5 | 50.7 | 45.3 | 46.0 | 47.3 | 49.5 | 43.2 | 43.9 | 45.3 | 47.4 | 39.3 | 39.9 | 41.2 | 43.3 | 28.6 | 29.1 | 30.1 | 31.7 |
| | | S/T | 0.76 | 0.69 | 0.56 | 0.42 | 0.77 | 0.69 | 0.56 | 0.43 | 0.79 | 0.72 | 0.59 | 0.45 | 1.00 | 0.74 | 0.61 | 0.47 | 1.00 | 0.78 | 0.65 | 0.51 | 1.00 | 1.00 | 0.78 | 0.63 |
| | | ΔT | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 24 | 22 | 18 | 14 | 23 | 21 | 18 | 14 | 22 | 21 | 17 | 14 | 20 | 19 | 16 | 13 |
| | | kW | 3.79 | 3.79 | 3.78 | 3.82 | 4.30 | 4.30 | 4.29 | 4.33 | 4.87 | 4.87 | 4.86 | 4.90 | 5.49 | 5.49 | 5.48 | 5.52 | 5.99 | 5.99 | 5.98 | 6.02 | 5.38 | 5.38 | 5.37 | 5.40 |
| | | Amps | 14.5 | 14.5 | 14.5 | 14.6 | 16.7 | 16.7 | 16.7 | 16.9 | 19.2 | 19.2 | 19.2 | 19.3 | 21.9 | 21.9 | 21.9 | 22.0 | 24.1 | 24.1 | 24.0 | 24.2 | 21.4 | 21.4 | 21.4 | 21.5 |
| | | Hi PR | 286 | 287 | 289 | 294 | 331 | 332 | 334 | 339 | 377 | 379 | 381 | 386 | 428 | 429 | 431 | 436 | 473 | 474 | 476 | 481 | 488 | 489 | 490 | 495 |
| | | Lo PR | 117 | 119 | 122 | 127 | 124 | 126 | 129 | 134 | 131 | 132 | 135 | 140 | 136 | 137 | 140 | 145 | 143 | 145 | 148 | 153 | 165 | 167 | 170 | 176 |
| | 1525 | MBh | 47.6 | 48.2 | 49.6 | 51.7 | 47.2 | 47.8 | 49.2 | 51.3 | 46.0 | 46.6 | 48.0 | 50.1 | 43.9 | 44.5 | 45.9 | 48.0 | 39.9 | 40.5 | 41.9 | 43.9 | 29.1 | 29.6 | 30.6 | 32.2 |
| | | S/T | 0.79 | 0.72 | 0.59 | 0.45 | 0.80 | 0.72 | 0.59 | 0.46 | 0.82 | 0.75 | 0.62 | 0.48 | 1.00 | 0.77 | 0.64 | 0.50 | 1.00 | 0.82 | 0.68 | 0.54 | 1.00 | 1.00 | 0.82 | 0.66 |
| | | ΔT | 22 | 21 | 17 | 13 | 22 | 21 | 17 | 13 | 23 | 21 | 17 | 14 | 22 | 20 | 17 | 13 | 22 | 20 | 16 | 13 | 20 | 18 | 15 | 12 |
| | | kW | 3.81 | 3.81 | 3.80 | 3.84 | 4.32 | 4.32 | 4.31 | 4.35 | 4.89 | 4.89 | 4.88 | 4.92 | 5.51 | 5.51 | 5.50 | 5.54 | 6.01 | 6.01 | 6.00 | 6.04 | 5.40 | 5.39 | 5.39 | 5.42 |
| | | Amps | 14.6 | 14.6 | 14.5 | 14.7 | 16.8 | 16.8 | 16.8 | 16.9 | 19.3 | 19.3 | 19.3 | 19.4 | 22.0 | 22.0 | 22.0 | 22.1 | 24.2 | 24.2 | 24.1 | 24.3 | 21.5 | 21.5 | 21.5 | 21.6 |
| | | Hi PR | 288 | 289 | 291 | 296 | 333 | 334 | 336 | 341 | 380 | 381 | 383 | 388 | 430 | 431 | 433 | 438 | 475 | 477 | 478 | 483 | 489 | 491 | 492 | 497 |
| | | Lo PR | 119 | 120 | 123 | 128 | 126 | 127 | 130 | 135 | 132 | 134 | 137 | 141 | 137 | 139 | 142 | 147 | 145 | 146 | 149 | 154 | 167 | 169 | 172 | 178 |

IDB = Entering Indoor Dry Bulb Temperature

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

Shaded area is ACCA (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS481AA / CA*E4860*4A* + D*96VC1005CNA* at 100%

| | | | 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 | 1125 | MBh | 46.3 | 47.0 | 48.4 | 50.5 | 45.9 | 46.6 | 47.9 | 50.1 | 44.7 | 45.4 | 46.7 | 48.9 | 42.6 | 43.3 | 44.7 | 46.8 | 38.7 | 39.3 | 40.7 | 42.7 | 28.2 | 28.7 | 29.7 | 31.3 |
| | | S/T | 0.79 | 0.72 | 0.59 | 0.45 | 0.79 | 0.72 | 0.59 | 0.46 | 1.00 | 0.75 | 0.62 | 0.48 | 1.00 | 0.76 | 0.64 | 0.50 | 1.00 | 0.81 | 0.68 | 0.54 | 1.00 | 1.00 | 1.00 | 0.66 |
| | | ΔT | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 28 | 26 | 23 | 19 | 25 | 24 | 21 | 18 |
| | | kW | 3.75 | 3.75 | 3.74 | 3.78 | 4.26 | 4.26 | 4.25 | 4.29 | 4.84 | 4.83 | 4.82 | 4.86 | 5.46 | 5.45 | 5.44 | 5.48 | 5.96 | 5.95 | 5.94 | 5.98 | 5.35 | 5.35 | 5.34 | 5.37 |
| | | Amps | 14.4 | 14.3 | 14.3 | 14.5 | 16.6 | 16.6 | 16.5 | 16.7 | 19.1 | 19.1 | 19.0 | 19.2 | 21.8 | 21.7 | 21.7 | 21.9 | 23.9 | 23.9 | 23.9 | 24.0 | 21.3 | 21.3 | 21.3 | 21.4 |
| | | Hi PR | 283 | 284 | 286 | 291 | 328 | 329 | 331 | 336 | 374 | 376 | 378 | 383 | 425 | 426 | 428 | 433 | 470 | 472 | 473 | 478 | 485 | 486 | 488 | 492 |
| | | Lo PR | 115 | 117 | 120 | 125 | 122 | 124 | 127 | 132 | 129 | 130 | 133 | 138 | 134 | 135 | 138 | 143 | 141 | 143 | 146 | 151 | 163 | 165 | 168 | 173 |
| | 1370 | MBh | 47.2 | 47.8 | 49.2 | 51.3 | 46.8 | 47.4 | 48.8 | 50.9 | 45.5 | 46.2 | 47.6 | 49.7 | 43.5 | 44.1 | **45.5** | 47.6 | 39.5 | 40.1 | 41.5 | 43.5 | 28.8 | 29.3 | 30.3 | 31.9 |
| | | S/T | 0.88 | 0.81 | 0.68 | 0.54 | 1.00 | 0.81 | 0.68 | 0.55 | 1.00 | 0.84 | 0.71 | 0.57 | 1.00 | 0.86 | **0.73** | 0.59 | 1.00 | 0.91 | 0.77 | 0.63 | 1.00 | 1.00 | 1.00 | 0.76 |
| | | ΔT | 27 | 26 | 22 | 18 | 27 | 26 | 22 | 18 | 28 | 26 | 22 | 19 | 27 | 26 | **22** | 18 | 27 | 25 | 21 | 18 | 24 | 22 | 19 | 16 |
| | | kW | 3.79 | 3.79 | 3.78 | 3.82 | 4.30 | 4.30 | 4.29 | 4.33 | 4.88 | 4.87 | 4.86 | 4.90 | 5.50 | 5.49 | **5.48** | 5.52 | 5.99 | 5.99 | 5.98 | 6.02 | 5.38 | 5.38 | 5.37 | 5.40 |
| | | Amps | 14.5 | 14.5 | 14.5 | 14.6 | 16.8 | 16.7 | 16.7 | 16.9 | 19.2 | 19.2 | 19.2 | 19.4 | 21.9 | 21.9 | **21.9** | 22.1 | 24.1 | 24.1 | 24.1 | 24.2 | 21.4 | 21.4 | 21.4 | 21.5 |
| | | Hi PR | 286 | 288 | 290 | 295 | 331 | 332 | 334 | 339 | 378 | 379 | 381 | 386 | 428 | 430 | **432** | 437 | 474 | 475 | 477 | 482 | 488 | 489 | 491 | 495 |
| | | Lo PR | 118 | 119 | 122 | 127 | 125 | 126 | 129 | 134 | 131 | 132 | 135 | 140 | 136 | 138 | **141** | 146 | 144 | 145 | 148 | 153 | 166 | 167 | 171 | 176 |
| | 1525 | MBh | 47.8 | 48.5 | 49.9 | 52.0 | 47.4 | 48.1 | 49.4 | 51.6 | 46.2 | 46.9 | 48.2 | 50.3 | 44.1 | 44.8 | 46.2 | 48.3 | 40.1 | 40.8 | 42.1 | 44.1 | 29.3 | 29.8 | 30.8 | 32.4 |
| | | S/T | 0.91 | 0.84 | 0.71 | 0.57 | 1.00 | 0.84 | 0.71 | 0.58 | 1.00 | 0.87 | 0.74 | 0.60 | 1.00 | 0.89 | 0.76 | 0.62 | 1.00 | 1.00 | 0.81 | 0.66 | 1.00 | 1.00 | 1.00 | 0.80 |
| | | ΔT | 27 | 25 | 21 | 18 | 27 | 25 | 21 | 18 | 27 | 25 | 21 | 18 | 27 | 25 | 21 | 18 | 26 | 24 | 20 | 17 | 23 | 22 | 19 | 16 |
| | | kW | 3.81 | 3.81 | 3.80 | 3.84 | 4.32 | 4.32 | 4.31 | 4.35 | 4.90 | 4.89 | 4.88 | 4.92 | 5.52 | 5.51 | 5.50 | 5.54 | 6.01 | 6.01 | 6.00 | 6.04 | 5.40 | 5.40 | 5.39 | 5.42 |
| | | Amps | 14.6 | 14.6 | 14.6 | 14.7 | 16.8 | 16.8 | 16.8 | 17.0 | 19.3 | 19.3 | 19.3 | 19.4 | 22.0 | 22.0 | 22.0 | 22.1 | 24.2 | 24.2 | 24.1 | 24.3 | 21.5 | 21.5 | 21.5 | 21.6 |
| | | Hi PR | 289 | 290 | 292 | 297 | 333 | 334 | 336 | 341 | 380 | 381 | 383 | 388 | 431 | 432 | 434 | 439 | 476 | 477 | 479 | 484 | 490 | 491 | 493 | 497 |
| | | Lo PR | 120 | 121 | 124 | 129 | 127 | 128 | 131 | 136 | 133 | 134 | 137 | 142 | 138 | 139 | 142 | 147 | 145 | 147 | 150 | 155 | 168 | 169 | 173 | 178 |
| 85 | 1125 | MBh | 47.1 | 47.8 | 49.1 | 51.3 | 46.7 | 47.3 | 48.7 | 50.8 | 45.5 | 46.1 | 47.5 | 49.6 | 43.4 | 44.1 | 45.4 | 47.6 | 39.4 | 40.1 | 41.4 | 43.4 | 28.8 | 29.2 | 30.3 | 31.8 |
| | | S/T | 1.00 | 0.81 | 0.68 | 0.55 | 1.00 | 0.82 | 0.69 | 0.55 | 1.00 | 0.84 | 0.71 | 0.58 | 1.00 | 1.00 | 0.73 | 0.60 | 1.00 | 1.00 | 0.78 | 0.64 | 1.00 | 1.00 | 1.00 | 0.77 |
| | | ΔT | 33 | 31 | 27 | 24 | 33 | 31 | 27 | 24 | 33 | 31 | 28 | 24 | 33 | 31 | 27 | 24 | 32 | 30 | 27 | 23 | 28 | 27 | 24 | 21 |
| | | kW | 3.76 | 3.76 | 3.75 | 3.79 | 4.27 | 4.27 | 4.26 | 4.30 | 4.85 | 4.84 | 4.83 | 4.87 | 5.47 | 5.46 | 5.45 | 5.49 | 5.97 | 5.96 | 5.95 | 5.99 | 5.36 | 5.36 | 5.35 | 5.38 |
| | | Amps | 14.4 | 14.4 | 14.3 | 14.5 | 16.6 | 16.6 | 16.6 | 16.7 | 19.1 | 19.1 | 19.1 | 19.2 | 21.8 | 21.8 | 21.7 | 21.9 | 24.0 | 24.0 | 23.9 | 24.1 | 21.4 | 21.3 | 21.3 | 21.4 |
| | | Hi PR | 284 | 286 | 287 | 292 | 329 | 330 | 332 | 337 | 376 | 377 | 379 | 384 | 426 | 427 | 429 | 434 | 472 | 473 | 475 | 480 | 486 | 487 | 489 | 493 |
| | | Lo PR | 117 | 119 | 122 | 126 | 124 | 126 | 129 | 133 | 130 | 132 | 135 | 140 | 136 | 137 | 140 | 145 | 143 | 144 | 147 | 152 | 165 | 167 | 170 | 175 |
| | 1370 | MBh | 47.9 | 48.6 | 50.0 | 52.1 | 47.5 | 48.2 | 49.6 | 51.7 | 46.3 | 47.0 | 48.4 | 50.5 | 44.2 | 44.9 | 46.3 | 48.4 | 40.3 | 40.9 | 42.2 | 44.3 | 29.4 | 29.9 | 30.9 | 32.5 |
| | | S/T | 1.00 | 0.90 | 0.77 | 0.64 | 1.00 | 0.91 | 0.78 | 0.64 | 1.00 | 0.93 | 0.80 | 0.67 | 1.00 | 1.00 | 0.82 | 0.69 | 1.00 | 1.00 | 0.87 | 0.73 | 1.00 | 1.00 | 1.00 | 0.88 |
| | | ΔT | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 30 | 28 | 25 | 21 | 27 | 25 | 22 | 19 |
| | | kW | 3.80 | 3.80 | 3.79 | 3.83 | 4.31 | 4.31 | 4.30 | 4.34 | 4.89 | 4.88 | 4.87 | 4.91 | 5.51 | 5.50 | 5.49 | 5.53 | 6.00 | 6.00 | 5.99 | 6.03 | 5.39 | 5.39 | 5.38 | 5.41 |
| | | Amps | 14.6 | 14.6 | 14.5 | 14.7 | 16.8 | 16.8 | 16.7 | 16.9 | 19.3 | 19.3 | 19.2 | 19.4 | 22.0 | 22.0 | 21.9 | 22.1 | 24.1 | 24.1 | 24.1 | 24.3 | 21.5 | 21.5 | 21.4 | 21.6 |
| | | Hi PR | 288 | 289 | 291 | 296 | 332 | 334 | 336 | 341 | 379 | 381 | 383 | 387 | 430 | 431 | 433 | 438 | 475 | 476 | 478 | 483 | 489 | 490 | 492 | 497 |
| | | Lo PR | 120 | 121 | 124 | 129 | 127 | 128 | 131 | 136 | 133 | 134 | 137 | 142 | 138 | 139 | 142 | 147 | 145 | 147 | 150 | 155 | 168 | 169 | 173 | 178 |
| | 1525 | MBh | 48.6 | 49.3 | 50.6 | 52.8 | 48.2 | 48.8 | 50.2 | 52.3 | 47.0 | 47.6 | 49.0 | 51.1 | 44.9 | 45.6 | 46.9 | 49.0 | 40.9 | 41.5 | 42.9 | 44.9 | 29.9 | 30.4 | 31.4 | 33.0 |
| | | S/T | 1.00 | 0.93 | 0.80 | 0.67 | 1.00 | 0.94 | 0.81 | 0.67 | 1.00 | 1.00 | 0.83 | 0.70 | 1.00 | 1.00 | 0.85 | 0.72 | 1.00 | 1.00 | 0.91 | 0.76 | 1.00 | 1.00 | 1.00 | 0.91 |
| | | ΔT | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 30 | 29 | 25 | 21 | 30 | 28 | 25 | 21 | 29 | 27 | 24 | 20 | 26 | 25 | 22 | 19 |
| | | kW | 3.82 | 3.82 | 3.81 | 3.85 | 4.33 | 4.33 | 4.32 | 4.36 | 4.91 | 4.90 | 4.89 | 4.93 | 5.53 | 5.52 | 5.51 | 5.55 | 6.02 | 6.02 | 6.01 | 6.05 | 5.41 | 5.40 | 5.40 | 5.43 |
| | | Amps | 14.7 | 14.6 | 14.6 | 14.8 | 16.9 | 16.9 | 16.8 | 17.0 | 19.4 | 19.4 | 19.3 | 19.5 | 22.1 | 22.0 | 22.0 | 22.2 | 24.2 | 24.2 | 24.2 | 24.3 | 21.5 | 21.5 | 21.5 | 21.6 |
| | | Hi PR | 290 | 291 | 293 | 298 | 335 | 336 | 338 | 343 | 381 | 383 | 385 | 390 | 432 | 433 | 435 | 440 | 477 | 478 | 480 | 485 | 491 | 492 | 494 | 499 |
| | | Lo PR | 121 | 123 | 126 | 131 | 128 | 130 | 133 | 138 | 134 | 136 | 139 | 144 | 140 | 141 | 144 | 149 | 147 | 149 | 152 | 157 | 170 | 171 | 175 | 180 |

IDB = Entering Indoor Dry Bulb Temperature

Shaded area is AHRI (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

## Expanded Cooling Data — DX17VSS481AA / CA*E4860*4A* + D*96VC1005CNA* at 70%

| | | | 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 | 970 | MBh | 33.2 | 33.7 | 34.7 | - | 32.9 | 33.4 | 34.4 | - | 32.0 | 32.5 | 33.5 | - | 30.5 | 31.0 | 32.0 | - | 28.7 | 29.2 | 30.2 | - | 27.0 | 27.5 | 28.5 | - |
| | | S/T | 0.58 | 0.51 | 0.37 | - | 0.59 | 0.51 | 0.38 | - | 0.61 | 0.54 | 0.40 | - | 0.63 | 0.56 | 0.42 | - | 0.65 | 0.58 | 0.44 | - | 1.00 | 0.63 | 0.49 | - |
| | | ΔT | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 14 | - | 21 | 19 | 15 | - |
| | | kW | 1.96 | 1.96 | 1.96 | - | 2.22 | 2.22 | 2.21 | - | 2.51 | 2.50 | 2.50 | - | 2.81 | 2.81 | 2.81 | - | 3.16 | 3.16 | 3.15 | - | 3.57 | 3.56 | 3.56 | - |
| | | Amps | 7.3 | 7.3 | 7.3 | - | 8.4 | 8.4 | 8.4 | - | 9.7 | 9.6 | 9.6 | - | 11.0 | 11.0 | 11.0 | - | 12.5 | 12.5 | 12.5 | - | 14.3 | 14.3 | 14.2 | - |
| | | Hi PR | 270 | 272 | 273 | - | 313 | 314 | 316 | - | 358 | 359 | 361 | - | 406 | 407 | 409 | - | 458 | 459 | 461 | - | 513 | 515 | 517 | - |
| | | Lo PR | 118 | 120 | 123 | - | 126 | 127 | 130 | - | 132 | 134 | 137 | - | 137 | 139 | 142 | - | 143 | 144 | 147 | - | 149 | 151 | 154 | - |
| | 1140 | MBh | 33.7 | 34.2 | 35.2 | - | 33.4 | 33.9 | 34.9 | - | 32.6 | 33.0 | 34.0 | - | 31.1 | 31.5 | 32.5 | - | 29.2 | 29.7 | 30.7 | - | 27.6 | 28.0 | 29.0 | - |
| | | S/T | 0.65 | 0.58 | 0.45 | - | 0.66 | 0.59 | 0.45 | - | 0.68 | 0.61 | 0.48 | - | 0.70 | 0.63 | 0.50 | - | 1.00 | 0.65 | 0.52 | - | 1.00 | 0.70 | 0.57 | - |
| | | ΔT | 18 | 17 | 13 | - | 18 | 17 | 13 | - | 19 | 17 | 14 | - | 18 | 17 | 13 | - | 18 | 16 | 13 | - | 19 | 18 | 14 | - |
| | | kW | 1.98 | 1.98 | 1.97 | - | 2.24 | 2.23 | 2.23 | - | 2.52 | 2.52 | 2.51 | - | 2.83 | 2.83 | 2.82 | - | 3.18 | 3.17 | 3.17 | - | 3.58 | 3.58 | 3.58 | - |
| | | Amps | 7.4 | 7.4 | 7.3 | - | 8.5 | 8.5 | 8.5 | - | 9.7 | 9.7 | 9.7 | - | 11.1 | 11.1 | 11.0 | - | 12.6 | 12.6 | 12.6 | - | 14.3 | 14.3 | 14.3 | - |
| | | Hi PR | 273 | 274 | 276 | - | 316 | 317 | 319 | - | 361 | 362 | 364 | - | 409 | 410 | 412 | - | 461 | 462 | 464 | - | 516 | 517 | 519 | - |
| | | Lo PR | 121 | 122 | 125 | - | 128 | 129 | 132 | - | 134 | 136 | 139 | - | 139 | 141 | 144 | - | 145 | 146 | 149 | - | 151 | 153 | 156 | - |
| | 1310 | MBh | 34.4 | 34.8 | 35.8 | - | 34.1 | 34.5 | 35.5 | - | 33.2 | 33.7 | 34.7 | - | 31.7 | 32.2 | 33.2 | - | 29.9 | 30.3 | 31.3 | - | 28.2 | 28.7 | 29.7 | - |
| | | S/T | 0.69 | 0.62 | 0.48 | - | 0.70 | 0.62 | 0.49 | - | 0.72 | 0.65 | 0.51 | - | 0.74 | 0.67 | 0.53 | - | 1.00 | 0.69 | 0.55 | - | 1.00 | 0.74 | 0.61 | - |
| | | ΔT | 17 | 16 | 12 | - | 17 | 16 | 12 | - | 18 | 16 | 12 | - | 17 | 16 | 12 | - | 17 | 15 | 12 | - | 18 | 16 | 13 | - |
| | | kW | 1.99 | 1.99 | 1.99 | - | 2.25 | 2.25 | 2.24 | - | 2.53 | 2.53 | 2.53 | - | 2.84 | 2.84 | 2.84 | - | 3.19 | 3.19 | 3.18 | - | 3.60 | 3.59 | 3.59 | - |
| | | Amps | 7.4 | 7.4 | 7.4 | - | 8.5 | 8.5 | 8.5 | - | 9.8 | 9.8 | 9.8 | - | 11.1 | 11.1 | 11.1 | - | 12.6 | 12.6 | 12.6 | - | 14.4 | 14.4 | 14.4 | - |
| | | Hi PR | 276 | 277 | 279 | - | 319 | 320 | 322 | - | 363 | 364 | 366 | - | 411 | 413 | 415 | - | 463 | 465 | 467 | - | 519 | 520 | 522 | - |
| | | Lo PR | 123 | 124 | 127 | - | 130 | 132 | 135 | - | 136 | 138 | 141 | - | 142 | 143 | 146 | - | 147 | 149 | 152 | - | 154 | 155 | 158 | - |
| 75 | 970 | MBh | 33.2 | 33.7 | 34.7 | 36.2 | 32.9 | 33.4 | 34.4 | 35.9 | 32.1 | 32.5 | 33.5 | 35.0 | 30.6 | 31.0 | 32.0 | 33.5 | 28.7 | 29.2 | 30.2 | 31.7 | 27.1 | 27.5 | 28.5 | 30.1 |
| | | S/T | 0.71 | 0.63 | 0.50 | 0.36 | 0.71 | 0.64 | 0.51 | 0.36 | 0.74 | 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 | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 18 | 15 | 25 | 23 | 19 | 16 |
| | | kW | 1.96 | 1.96 | 1.95 | 1.97 | 2.22 | 2.22 | 2.21 | 2.23 | 2.50 | 2.50 | 2.50 | 2.52 | 2.81 | 2.81 | 2.81 | 2.83 | 3.16 | 3.16 | 3.15 | 3.17 | 3.56 | 3.56 | 3.56 | 3.58 |
| | | Amps | 7.3 | 7.3 | 7.3 | 7.4 | 8.4 | 8.4 | 8.4 | 8.5 | 9.7 | 9.6 | 9.6 | 9.7 | 11.0 | 11.0 | 11.0 | 11.1 | 12.5 | 12.5 | 12.5 | 12.6 | 14.3 | 14.3 | 14.2 | 14.3 |
| | | Hi PR | 271 | 272 | 274 | 278 | 313 | 314 | 316 | 321 | 358 | 359 | 361 | 366 | 406 | 407 | 409 | 414 | 458 | 459 | 461 | 466 | 514 | 515 | 517 | 522 |
| | | Lo PR | 119 | 120 | 123 | 128 | 126 | 127 | 130 | 135 | 132 | 134 | 137 | 142 | 137 | 139 | 142 | 147 | 143 | 144 | 147 | 152 | 149 | 151 | 154 | 159 |
| | 1140 | MBh | 33.7 | 34.2 | 35.2 | 36.7 | 33.4 | 33.9 | 34.9 | 36.4 | 32.6 | 33.0 | 34.0 | 35.6 | 31.1 | 31.5 | 32.5 | 34.1 | 29.3 | 29.7 | 30.7 | 32.2 | 27.6 | 28.1 | 29.0 | 30.6 |
| | | S/T | 0.78 | 0.71 | 0.57 | 0.43 | 0.79 | 0.71 | 0.58 | 0.44 | 1.00 | 0.74 | 0.60 | 0.46 | 1.00 | 0.76 | 0.62 | 0.48 | 1.00 | 0.78 | 0.64 | 0.50 | 1.00 | 0.83 | 0.69 | 0.55 |
| | | ΔT | 22 | 21 | 17 | 14 | 22 | 21 | 17 | 14 | 23 | 21 | 17 | 14 | 22 | 21 | 17 | 14 | 22 | 20 | 17 | 13 | 23 | 21 | 18 | 15 |
| | | kW | 1.98 | 1.98 | 1.97 | 1.99 | 2.23 | 2.23 | 2.23 | 2.25 | 2.52 | 2.52 | 2.51 | 2.53 | 2.83 | 2.83 | 2.82 | 2.84 | 3.17 | 3.17 | 3.17 | 3.19 | 3.58 | 3.58 | 3.57 | 3.59 |
| | | Amps | 7.4 | 7.4 | 7.3 | 7.4 | 8.5 | 8.5 | 8.4 | 8.5 | 9.7 | 9.7 | 9.7 | 9.8 | 11.1 | 11.1 | 11.0 | 11.1 | 12.6 | 12.6 | 12.5 | 12.6 | 14.3 | 14.3 | 14.3 | 14.4 |
| | | Hi PR | 273 | 275 | 276 | 281 | 316 | 317 | 319 | 324 | 361 | 362 | 364 | 369 | 409 | 410 | 412 | 417 | 461 | 462 | 464 | 469 | 516 | 518 | 520 | 524 |
| | | Lo PR | 121 | 122 | 125 | 130 | 128 | 129 | 132 | 137 | 134 | 136 | 139 | 144 | 140 | 141 | 144 | 149 | 145 | 146 | 149 | 154 | 151 | 153 | 156 | 161 |
| | 1310 | MBh | 34.4 | 34.8 | 35.8 | 37.4 | 34.1 | 34.6 | 35.5 | 37.1 | 33.2 | 33.7 | 34.7 | 36.2 | 31.7 | 32.2 | 33.2 | 34.7 | 29.9 | 30.4 | 31.4 | 32.9 | 28.2 | 28.7 | 29.7 | 31.2 |
| | | S/T | 0.82 | 0.74 | 0.61 | 0.47 | 0.82 | 0.75 | 0.62 | 0.48 | 1.00 | 0.77 | 0.64 | 0.50 | 1.00 | 0.79 | 0.66 | 0.52 | 1.00 | 0.81 | 0.68 | 0.54 | 1.00 | 1.00 | 0.73 | 0.59 |
| | | ΔT | 21 | 20 | 16 | 13 | 21 | 20 | 16 | 13 | 22 | 20 | 16 | 13 | 21 | 20 | 16 | 13 | 21 | 19 | 16 | 12 | 22 | 20 | 17 | 14 |
| | | kW | 1.99 | 1.99 | 1.98 | 2.00 | 2.25 | 2.24 | 2.24 | 2.26 | 2.53 | 2.53 | 2.53 | 2.55 | 2.84 | 2.84 | 2.84 | 2.86 | 3.19 | 3.19 | 3.18 | 3.20 | 3.59 | 3.59 | 3.59 | 3.61 |
| | | Amps | 7.4 | 7.4 | 7.4 | 7.5 | 8.5 | 8.5 | 8.5 | 8.6 | 9.8 | 9.8 | 9.8 | 9.8 | 11.1 | 11.1 | 11.1 | 11.2 | 12.6 | 12.6 | 12.6 | 12.7 | 14.4 | 14.4 | 14.4 | 14.4 |
| | | Hi PR | 276 | 277 | 279 | 284 | 319 | 320 | 322 | 327 | 364 | 365 | 367 | 371 | 412 | 413 | 415 | 420 | 464 | 465 | 467 | 471 | 519 | 520 | 522 | 527 |
| | | Lo PR | 123 | 124 | 127 | 132 | 130 | 132 | 135 | 140 | 136 | 138 | 141 | 146 | 142 | 143 | 146 | 151 | 147 | 149 | 152 | 157 | 154 | 155 | 158 | 163 |

IDB = Entering Indoor Dry Bulb Temperature

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

Shaded area is ACCA (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS481AA / CA*E4860*4A* + D*96VC1005CNA* at 70%

| | | | 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 | 970 | MBh | 33.4 | 33.9 | 34.9 | 36.4 | 33.1 | 33.6 | 34.6 | 36.1 | 32.2 | 32.7 | 33.7 | 35.2 | 30.7 | 31.2 | 32.2 | 33.7 | 28.9 | 29.4 | 30.4 | 31.9 | 27.2 | 27.7 | 28.7 | 30.2 |
| | | S/T | 0.83 | 0.76 | 0.62 | 0.48 | 1.00 | 0.76 | 0.63 | 0.49 | 1.00 | 0.79 | 0.65 | 0.51 | 1.00 | 0.81 | 0.67 | 0.53 | 1.00 | 0.83 | 0.69 | 0.55 | 1.00 | 1.00 | 0.74 | 0.60 |
| | | ΔT | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 22 | 19 | 29 | 27 | 23 | 20 |
| | | kW | 1.96 | 1.96 | 1.96 | 1.98 | 2.22 | 2.22 | 2.21 | 2.23 | 2.50 | 2.50 | 2.50 | 2.52 | 2.81 | 2.81 | 2.81 | 2.83 | 3.16 | 3.16 | 3.15 | 3.17 | 3.57 | 3.56 | 3.56 | 3.58 |
| | | Amps | 7.3 | 7.3 | 7.3 | 7.4 | 8.4 | 8.4 | 8.4 | 8.5 | 9.7 | 9.6 | 9.6 | 9.7 | 11.0 | 11.0 | 11.0 | 11.1 | 12.5 | 12.5 | 12.5 | 12.6 | 14.3 | 14.3 | 14.2 | 14.3 |
| | | Hi PR | 271 | 272 | 274 | 279 | 314 | 315 | 317 | 322 | 359 | 360 | 362 | 366 | 407 | 408 | 410 | 415 | 459 | 460 | 462 | 467 | 514 | 515 | 517 | 522 |
| | | Lo PR | 119 | 121 | 124 | 129 | 126 | 128 | 131 | 136 | 133 | 134 | 137 | 142 | 138 | 139 | 142 | 148 | 143 | 145 | 148 | 153 | 150 | 151 | 154 | 159 |
| | 1140 | MBh | 33.9 | 34.4 | 35.4 | 36.9 | 33.6 | 34.1 | 35.1 | 36.6 | 32.7 | 33.2 | 34.2 | 35.7 | 31.2 | 31.7 | **32.7** | 34.2 | 29.4 | 29.9 | 30.9 | 32.4 | 27.8 | 28.2 | 29.2 | 30.7 |
| | | S/T | 0.90 | 0.83 | 0.70 | 0.56 | 1.00 | 0.84 | 0.70 | 0.56 | 1.00 | 0.86 | 0.73 | 0.59 | 1.00 | 0.88 | **0.75** | 0.61 | 1.00 | 1.00 | 0.77 | 0.63 | 1.00 | 1.00 | 0.82 | 0.68 |
| | | ΔT | 26 | 25 | 21 | 18 | 26 | 25 | 21 | 18 | 27 | 25 | 22 | 18 | 26 | 25 | **21** | 18 | 26 | 24 | 21 | 17 | 27 | 26 | 22 | 19 |
| | | kW | 1.98 | 1.98 | 1.97 | 1.99 | 2.23 | 2.23 | 2.23 | 2.25 | 2.52 | 2.52 | 2.51 | 2.53 | 2.83 | 2.83 | **2.82** | 2.84 | 3.18 | 3.17 | 3.17 | 3.19 | 3.58 | 3.58 | 3.58 | 3.60 |
| | | Amps | 7.4 | 7.4 | 7.3 | 7.4 | 8.5 | 8.5 | 8.5 | 8.5 | 9.7 | 9.7 | 9.7 | 9.8 | 11.1 | 11.1 | **11.0** | 11.1 | 12.6 | 12.6 | 12.5 | 12.6 | 14.3 | 14.3 | 14.3 | 14.4 |
| | | Hi PR | 274 | 275 | 277 | 282 | 317 | 318 | 320 | 324 | 361 | 363 | 364 | 369 | 410 | 411 | **413** | 417 | 462 | 463 | 465 | 469 | 517 | 518 | 520 | 525 |
| | | Lo PR | 121 | 123 | 126 | 131 | 128 | 130 | 133 | 138 | 135 | 136 | 139 | 144 | 140 | 141 | **145** | 150 | 145 | 147 | 150 | 155 | 152 | 153 | 156 | 161 |
| | 1310 | MBh | 34.6 | 35.0 | 36.0 | 37.5 | 34.3 | 34.7 | 35.7 | 37.2 | 33.4 | 33.9 | 34.8 | 36.4 | 31.9 | 32.4 | 33.4 | 34.9 | 30.1 | 30.5 | 31.5 | 33.0 | 28.4 | 28.9 | 29.9 | 31.4 |
| | | S/T | 1.00 | 0.87 | 0.73 | 0.59 | 1.00 | 0.87 | 0.74 | 0.60 | 1.00 | 0.90 | 0.76 | 0.62 | 1.00 | 0.92 | 0.78 | 0.64 | 1.00 | 1.00 | 0.80 | 0.66 | 1.00 | 1.00 | 0.86 | 0.71 |
| | | ΔT | 25 | 24 | 20 | 17 | 25 | 24 | 20 | 17 | 26 | 24 | 20 | 17 | 25 | 24 | 20 | 17 | 25 | 23 | 20 | 16 | 26 | 24 | 21 | 18 |
| | | kW | 1.99 | 1.99 | 1.99 | 2.00 | 2.25 | 2.25 | 2.24 | 2.26 | 2.53 | 2.53 | 2.53 | 2.55 | 2.84 | 2.84 | 2.84 | 2.86 | 3.19 | 3.19 | 3.18 | 3.20 | 3.60 | 3.59 | 3.59 | 3.61 |
| | | Amps | 7.4 | 7.4 | 7.4 | 7.5 | 8.5 | 8.5 | 8.5 | 8.6 | 9.8 | 9.8 | 9.8 | 9.8 | 11.1 | 11.1 | 11.1 | 11.2 | 12.6 | 12.6 | 12.6 | 12.7 | 14.4 | 14.4 | 14.4 | 14.5 |
| | | Hi PR | 277 | 278 | 280 | 284 | 319 | 320 | 322 | 327 | 364 | 365 | 367 | 372 | 412 | 413 | 415 | 420 | 464 | 465 | 467 | 472 | 520 | 521 | 523 | 527 |
| | | Lo PR | 123 | 125 | 128 | 133 | 131 | 132 | 135 | 140 | 137 | 138 | 142 | 147 | 142 | 144 | 147 | 152 | 148 | 149 | 152 | 157 | 154 | 156 | 159 | 164 |
| 85 | 970 | MBh | 34.0 | 34.4 | 35.4 | 36.9 | 33.7 | 34.1 | 35.1 | 36.6 | 32.8 | 33.3 | 34.3 | 35.8 | 31.3 | 31.8 | 32.8 | 34.3 | 29.5 | 29.9 | 30.9 | 32.5 | 27.8 | 28.3 | 29.3 | 30.8 |
| | | S/T | 1.00 | 0.85 | 0.72 | 0.58 | 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 | 0.79 | 0.65 | 1.00 | 1.00 | 0.84 | 0.70 |
| | | ΔT | 31 | 30 | 26 | 23 | 31 | 30 | 26 | 23 | 32 | 30 | 26 | 23 | 31 | 30 | 26 | 23 | 31 | 29 | 26 | 22 | 32 | 30 | 27 | 24 |
| | | kW | 1.97 | 1.97 | 1.96 | 1.98 | 2.22 | 2.22 | 2.22 | 2.24 | 2.51 | 2.51 | 2.50 | 2.52 | 2.82 | 2.82 | 2.81 | 2.83 | 3.17 | 3.16 | 3.16 | 3.18 | 3.57 | 3.57 | 3.56 | 3.58 |
| | | Amps | 7.3 | 7.3 | 7.3 | 7.4 | 8.4 | 8.4 | 8.4 | 8.5 | 9.7 | 9.7 | 9.7 | 9.7 | 11.0 | 11.0 | 11.0 | 11.1 | 12.5 | 12.5 | 12.5 | 12.6 | 14.3 | 14.3 | 14.3 | 14.3 |
| | | Hi PR | 272 | 274 | 275 | 280 | 315 | 316 | 318 | 323 | 360 | 361 | 363 | 368 | 408 | 409 | 411 | 416 | 460 | 461 | 463 | 468 | 515 | 517 | 519 | 523 |
| | | Lo PR | 121 | 122 | 125 | 130 | 128 | 130 | 133 | 138 | 134 | 136 | 139 | 144 | 140 | 141 | 144 | 149 | 145 | 146 | 149 | 155 | 152 | 153 | 156 | 161 |
| | 1140 | MBh | 34.5 | 34.9 | 35.9 | 37.5 | 34.2 | 34.6 | 35.6 | 37.2 | 33.3 | 33.8 | 34.8 | 36.3 | 31.8 | 32.3 | 33.3 | 34.8 | 30.0 | 30.5 | 31.4 | 33.0 | 28.3 | 28.8 | 29.8 | 31.3 |
| | | S/T | 1.00 | 0.93 | 0.80 | 0.66 | 1.00 | 0.93 | 0.80 | 0.66 | 1.00 | 1.00 | 0.83 | 0.69 | 1.00 | 1.00 | 0.85 | 0.70 | 1.00 | 1.00 | 0.87 | 0.73 | 1.00 | 1.00 | 0.92 | 0.78 |
| | | ΔT | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 31 | 29 | 26 | 22 |
| | | kW | 1.98 | 1.98 | 1.98 | 2.00 | 2.24 | 2.24 | 2.23 | 2.25 | 2.53 | 2.52 | 2.52 | 2.54 | 2.84 | 2.83 | 2.83 | 2.85 | 3.18 | 3.18 | 3.17 | 3.19 | 3.59 | 3.59 | 3.58 | 3.60 |
| | | Amps | 7.4 | 7.4 | 7.4 | 7.4 | 8.5 | 8.5 | 8.5 | 8.6 | 9.7 | 9.7 | 9.7 | 9.8 | 11.1 | 11.1 | 11.1 | 11.2 | 12.6 | 12.6 | 12.6 | 12.7 | 14.4 | 14.4 | 14.3 | 14.4 |
| | | Hi PR | 275 | 276 | 278 | 283 | 318 | 319 | 321 | 326 | 363 | 364 | 366 | 370 | 411 | 412 | 414 | 419 | 463 | 464 | 466 | 471 | 518 | 519 | 521 | 526 |
| | | Lo PR | 123 | 124 | 127 | 132 | 130 | 132 | 135 | 140 | 136 | 138 | 141 | 146 | 142 | 143 | 146 | 151 | 147 | 149 | 152 | 157 | 154 | 155 | 158 | 163 |
| | 1310 | MBh | 35.1 | 35.6 | 36.6 | 38.1 | 34.8 | 35.3 | 36.3 | 37.8 | 33.9 | 34.4 | 35.4 | 36.9 | 32.4 | 32.9 | 33.9 | 35.4 | 30.6 | 31.1 | 32.1 | 33.6 | 29.0 | 29.4 | 30.4 | 31.9 |
| | | S/T | 1.00 | 0.97 | 0.83 | 0.69 | 1.00 | 0.97 | 0.84 | 0.70 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 0.88 | 0.74 | 1.00 | 1.00 | 0.90 | 0.76 | 1.00 | 1.00 | 1.00 | 0.81 |
| | | ΔT | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 23 | 20 | 30 | 28 | 25 | 21 |
| | | kW | 2.00 | 1.99 | 1.99 | 2.01 | 2.25 | 2.25 | 2.25 | 2.27 | 2.54 | 2.54 | 2.53 | 2.55 | 2.85 | 2.85 | 2.84 | 2.86 | 3.19 | 3.19 | 3.19 | 3.21 | 3.60 | 3.60 | 3.59 | 3.61 |
| | | Amps | 7.4 | 7.4 | 7.4 | 7.5 | 8.6 | 8.6 | 8.5 | 8.6 | 9.8 | 9.8 | 9.8 | 9.9 | 11.2 | 11.1 | 11.1 | 11.2 | 12.7 | 12.6 | 12.6 | 12.7 | 14.4 | 14.4 | 14.4 | 14.5 |
| | | Hi PR | 278 | 279 | 281 | 286 | 321 | 322 | 324 | 328 | 365 | 366 | 368 | 373 | 413 | 415 | 417 | 421 | 465 | 467 | 469 | 473 | 521 | 522 | 524 | 529 |
| | | Lo PR | 125 | 127 | 130 | 135 | 132 | 134 | 137 | 142 | 139 | 140 | 143 | 148 | 144 | 146 | 149 | 154 | 149 | 151 | 154 | 159 | 156 | 157 | 160 | 166 |

IDB = Entering Indoor Dry Bulb Temperature

Shaded area is AHRI (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS601AA / CA*E4961*4A* + D*96VC1205DNA* at 100%

| | | | 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 |
| | | MBh | 54.8 | 55.6 | 57.2 | - | 54.3 | 55.1 | 56.7 | - | 52.9 | 53.7 | 55.3 | - | 50.4 | 51.2 | 52.8 | - | 45.6 | 46.4 | 48.0 | - | 34.4 | 35.0 | 36.2 | - |
| | | S/T | 0.57 | 0.49 | 0.36 | - | 0.57 | 0.50 | 0.37 | - | 0.60 | 0.52 | 0.39 | - | 0.61 | 0.54 | 0.41 | - | 0.66 | 0.59 | 0.45 | - | 1.00 | 0.70 | 0.55 | - |
| | | ΔT | 21 | 19 | 16 | - | 21 | 19 | 16 | - | 21 | 19 | 16 | - | 21 | 19 | 15 | - | 20 | 18 | 15 | - | 19 | 17 | 14 | - |
| | **1390** | kW | 4.45 | 4.45 | 4.44 | - | 5.06 | 5.06 | 5.05 | - | 5.75 | 5.74 | 5.73 | - | 6.48 | 6.48 | 6.47 | - | 7.06 | 7.06 | 7.05 | - | 6.54 | 6.53 | 6.53 | - |
| | | Amps | 17.1 | 17.0 | 17.0 | - | 19.7 | 19.7 | 19.7 | - | 22.7 | 22.7 | 22.6 | - | 25.9 | 25.9 | 25.8 | - | 28.4 | 28.4 | 28.4 | - | 26.1 | 26.1 | 26.1 | - |
| | | Hi PR | 302 | 304 | 306 | - | 350 | 352 | 354 | - | 400 | 402 | 404 | - | 454 | 456 | 458 | - | 498 | 499 | 501 | - | 510 | 511 | 513 | - |
| | | Lo PR | 109 | 111 | 114 | - | 116 | 117 | 120 | - | 122 | 123 | 126 | - | 127 | 128 | 131 | - | 143 | 144 | 147 | - | 161 | 162 | 165 | - |
| | | MBh | 55.7 | 56.4 | 58.1 | - | 55.2 | 55.9 | 57.6 | - | 53.7 | 54.5 | 56.2 | - | 51.3 | 52.0 | 53.7 | - | 46.4 | 47.2 | 48.8 | - | 35.0 | 35.6 | 36.9 | - |
| | | S/T | 0.64 | 0.56 | 0.43 | - | 0.64 | 0.57 | 0.44 | - | 0.67 | 0.59 | 0.46 | - | 0.69 | 0.61 | 0.48 | - | 1.00 | 0.66 | 0.53 | - | 1.00 | 1.00 | 0.63 | - |
| | | ΔT | 20 | 18 | 14 | - | 20 | 18 | 14 | - | 20 | 18 | 14 | - | 20 | 18 | 14 | - | 19 | 17 | 13 | - | 18 | 16 | 13 | - |
| **70** | **1630** | kW | 4.49 | 4.48 | 4.47 | - | 5.10 | 5.10 | 5.09 | - | 5.78 | 5.78 | 5.77 | - | 6.52 | 6.52 | 6.51 | - | 7.10 | 7.10 | 7.09 | - | 6.57 | 6.56 | 6.56 | - |
| | | Amps | 17.2 | 17.2 | 17.2 | - | 19.9 | 19.9 | 19.8 | - | 22.9 | 22.8 | 22.8 | - | 26.1 | 26.0 | 26.0 | - | 28.6 | 28.6 | 28.5 | - | 26.3 | 26.2 | 26.2 | - |
| | | Hi PR | 306 | 307 | 309 | - | 353 | 355 | 357 | - | 403 | 405 | 407 | - | 457 | 459 | 461 | - | 501 | 502 | 504 | - | 513 | 514 | 516 | - |
| | | Lo PR | 111 | 113 | 116 | - | 118 | 119 | 122 | - | 124 | 125 | 128 | - | 129 | 130 | 133 | - | 145 | 146 | 149 | - | 163 | 164 | 168 | - |
| | | MBh | 56.7 | 57.5 | 59.2 | - | 56.3 | 57.0 | 58.7 | - | 54.8 | 55.6 | 57.2 | - | 52.4 | 53.1 | 54.8 | - | 47.5 | 48.2 | 49.8 | - | 35.8 | 36.4 | 37.7 | - |
| | | S/T | 0.67 | 0.60 | 0.47 | - | 0.68 | 0.61 | 0.48 | - | 0.70 | 0.63 | 0.50 | - | 0.72 | 0.65 | 0.52 | - | 1.00 | 0.70 | 0.56 | - | 1.00 | 1.00 | 0.68 | - |
| | | ΔT | 19 | 17 | 13 | - | 18 | 17 | 13 | - | 19 | 17 | 13 | - | 18 | 17 | 13 | - | 18 | 16 | 12 | - | 17 | 15 | 12 | - |
| | **1880** | kW | 4.52 | 4.52 | 4.51 | - | 5.13 | 5.13 | 5.12 | - | 5.82 | 5.81 | 5.80 | - | 6.55 | 6.55 | 6.54 | - | 7.13 | 7.13 | 7.12 | - | 6.59 | 6.59 | 6.58 | - |
| | | Amps | 17.4 | 17.3 | 17.3 | - | 20.0 | 20.0 | 20.0 | - | 23.0 | 23.0 | 22.9 | - | 26.2 | 26.2 | 26.1 | - | 28.7 | 28.7 | 28.7 | - | 26.4 | 26.4 | 26.3 | - |
| | | Hi PR | 309 | 310 | 312 | - | 356 | 358 | 360 | - | 406 | 408 | 410 | - | 460 | 462 | 464 | - | 504 | 505 | 507 | - | 515 | 517 | 518 | - |
| | | Lo PR | 114 | 115 | 118 | - | 120 | 122 | 124 | - | 126 | 127 | 130 | - | 131 | 132 | 135 | - | 147 | 149 | 152 | - | 165 | 167 | 170 | - |
| | | MBh | 54.9 | 55.6 | 57.3 | 59.8 | 54.4 | 55.1 | 56.8 | 59.3 | 52.9 | 53.7 | 55.3 | 57.9 | 50.5 | 51.2 | 52.9 | 55.4 | 45.7 | 46.4 | 48.0 | 50.4 | 34.4 | 35.0 | 36.3 | 38.2 |
| | | S/T | 0.69 | 0.62 | 0.49 | 0.35 | 0.70 | 0.62 | 0.49 | 0.36 | 0.72 | 0.65 | 0.52 | 0.38 | 0.74 | 0.67 | 0.54 | 0.40 | 1.00 | 0.72 | 0.58 | 0.44 | 1.00 | 1.00 | 0.69 | 0.54 |
| | | ΔT | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 26 | 24 | 20 | 16 | 25 | 23 | 20 | 16 | 24 | 22 | 19 | 15 | 22 | 21 | 18 | 14 |
| | 1390 | kW | 4.45 | 4.44 | 4.43 | 4.48 | 5.06 | 5.05 | 5.04 | 5.09 | 5.74 | 5.74 | 5.73 | 5.77 | 6.48 | 6.48 | 6.46 | 6.51 | 7.06 | 7.06 | 7.05 | 7.09 | 6.53 | 6.53 | 6.52 | 6.56 |
| | | Amps | 17.0 | 17.0 | 17.0 | 17.2 | 19.7 | 19.7 | 19.6 | 19.8 | 22.7 | 22.7 | 22.6 | 22.8 | 25.9 | 25.9 | 25.8 | 26.0 | 28.4 | 28.4 | 28.3 | 28.5 | 26.1 | 26.1 | 26.1 | 26.2 |
| | | Hi PR | 303 | 304 | 306 | 311 | 351 | 352 | 354 | 359 | 401 | 402 | 404 | 409 | 455 | 456 | 458 | 463 | 498 | 500 | 502 | 507 | 510 | 511 | 513 | 518 |
| | | Lo PR | 109 | 111 | 114 | 118 | 116 | 118 | 120 | 125 | 122 | 123 | 126 | 131 | 127 | 128 | 131 | 136 | 143 | 144 | 147 | 152 | 161 | 162 | 165 | 171 |
| | | MBh | 55.7 | 56.5 | 58.1 | 60.6 | 55.2 | 56.0 | 57.6 | 60.1 | 53.8 | 54.5 | 56.2 | 58.7 | 51.3 | 52.1 | 53.7 | 56.2 | 46.5 | 47.2 | 48.8 | 51.2 | 35.0 | 35.6 | 36.9 | 38.8 |
| | | S/T | 0.76 | 0.69 | 0.56 | 0.42 | 0.77 | 0.69 | 0.56 | 0.43 | 0.79 | 0.72 | 0.59 | 0.45 | 0.81 | 0.74 | 0.61 | 0.47 | 1.00 | 0.79 | 0.65 | 0.51 | 1.00 | 1.00 | 0.78 | 0.62 |
| | | ΔT | 24 | 22 | 18 | 15 | 24 | 22 | 18 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 18 | 15 | 23 | 21 | 17 | 14 | 21 | 20 | 16 | 13 |
| **75** | 1630 | kW | 4.49 | 4.48 | 4.47 | 4.52 | 5.10 | 5.09 | 5.08 | 5.13 | 5.78 | 5.77 | 5.76 | 5.81 | 6.52 | 6.51 | 6.50 | 6.55 | 7.10 | 7.09 | 7.08 | 7.13 | 6.56 | 6.56 | 6.55 | 6.59 |
| | | Amps | 17.2 | 17.2 | 17.1 | 17.3 | 19.9 | 19.8 | 19.8 | 20.0 | 22.8 | 22.8 | 22.8 | 23.0 | 26.0 | 26.0 | 26.0 | 26.2 | 28.6 | 28.5 | 28.5 | 28.7 | 26.2 | 26.2 | 26.2 | 26.4 |
| | | Hi PR | 306 | 307 | 309 | 315 | 354 | 355 | 357 | 362 | 404 | 405 | 407 | 412 | 458 | 459 | 461 | 466 | 501 | 503 | 505 | 510 | 513 | 514 | 516 | 521 |
| | | Lo PR | 111 | 113 | 116 | 120 | 118 | 119 | 122 | 127 | 124 | 125 | 128 | 133 | 129 | 130 | 133 | 138 | 145 | 146 | 149 | 154 | 163 | 164 | 168 | 173 |
| | | MBh | 56.8 | 57.6 | 59.2 | 61.7 | 56.3 | 57.1 | 58.7 | 61.2 | 54.9 | 55.6 | 57.3 | 59.8 | 52.4 | 53.2 | 54.8 | 57.3 | 47.5 | 48.3 | 49.9 | 52.3 | 35.9 | 36.5 | 37.7 | 39.7 |
| | | S/T | 0.80 | 0.72 | 0.59 | 0.46 | 0.80 | 0.73 | 0.60 | 0.46 | 0.83 | 0.75 | 0.62 | 0.49 | 0.85 | 0.77 | 0.64 | 0.51 | 1.00 | 0.83 | 0.69 | 0.55 | 1.00 | 1.00 | 0.82 | 0.66 |
| | | ΔT | 23 | 21 | 17 | 13 | 23 | 21 | 17 | 13 | 23 | 21 | 17 | 14 | 23 | 21 | 17 | 13 | 22 | 20 | 16 | 13 | 20 | 19 | 15 | 12 |
| | 1880 | kW | 4.52 | 4.51 | 4.50 | 4.55 | 5.13 | 5.12 | 5.11 | 5.16 | 5.81 | 5.81 | 5.80 | 5.84 | 6.55 | 6.55 | 6.54 | 6.58 | 7.13 | 7.12 | 7.11 | 7.16 | 6.59 | 6.59 | 6.58 | 6.61 |
| | | Amps | 17.3 | 17.3 | 17.3 | 17.5 | 20.0 | 20.0 | 19.9 | 20.1 | 23.0 | 23.0 | 22.9 | 23.1 | 26.2 | 26.2 | 26.1 | 26.3 | 28.7 | 28.7 | 28.6 | 28.8 | 26.4 | 26.3 | 26.3 | 26.5 |
| | | Hi PR | 309 | 310 | 312 | 318 | 357 | 358 | 360 | 365 | 407 | 408 | 410 | 415 | 461 | 462 | 464 | 469 | 504 | 506 | 508 | 513 | 516 | 517 | 519 | 523 |
| | | Lo PR | 114 | 115 | 118 | 122 | 120 | 122 | 124 | 129 | 126 | 127 | 130 | 135 | 131 | 132 | 135 | 140 | 147 | 149 | 152 | 157 | 165 | 167 | 170 | 176 |

IDB = Entering Indoor Dry Bulb Temperature

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

Shaded area is ACCA (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS601AA / CA*E4961*4A* + D*96VC1205DNA* at 100%

| | | | 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 | 55.1 | 55.9 | 57.6 | 60.1 | 54.6 | 55.4 | 57.1 | 59.6 | 53.2 | 54.0 | 55.6 | 58.1 | 50.7 | 51.5 | 53.2 | 55.7 | 45.9 | 46.7 | 48.3 | 50.7 | 34.6 | 35.2 | 36.5 | 38.4 |
| | | S/T | 0.81 | 0.74 | 0.61 | 0.47 | 0.82 | 0.74 | 0.61 | 0.48 | 1.00 | 0.77 | 0.64 | 0.50 | 1.00 | 0.79 | 0.66 | 0.52 | 1.00 | 0.84 | 0.71 | 0.56 | 1.00 | 1.00 | 0.83 | 0.68 |
| | | ΔT | 30 | 28 | 24 | 20 | 30 | 28 | 24 | 20 | 30 | 28 | 24 | 21 | 30 | 28 | 24 | 20 | 28 | 26 | 23 | 19 | 26 | 24 | 21 | 18 |
| | | kW | 4.45 | 4.45 | 4.44 | 4.48 | 5.06 | 5.06 | 5.05 | 5.09 | 5.74 | 5.74 | 5.73 | 5.78 | 6.48 | 6.48 | 6.47 | 6.51 | 7.06 | 7.06 | 7.05 | 7.09 | 6.54 | 6.53 | 6.53 | 6.56 |
| | | Amps | 17.1 | 17.0 | 17.0 | 17.2 | 19.7 | 19.7 | 19.7 | 19.9 | 22.7 | 22.7 | 22.6 | 22.8 | 25.9 | 25.9 | 25.8 | 26.0 | 28.4 | 28.4 | 28.4 | 28.5 | 26.1 | 26.1 | 26.1 | 26.2 |
| | | Hi PR | 303 | 305 | 307 | 312 | 351 | 352 | 355 | 360 | 401 | 403 | 405 | 410 | 455 | 456 | 459 | 464 | 499 | 500 | 502 | 507 | 511 | 512 | 514 | 518 |
| | | Lo PR | 110 | 111 | 114 | 119 | 117 | 118 | 121 | 125 | 122 | 124 | 127 | 131 | 127 | 129 | 132 | 136 | 143 | 145 | 148 | 153 | 161 | 163 | 166 | 171 |
| | 1630 | MBh | 56.0 | 56.8 | 58.4 | 60.9 | 55.5 | 56.3 | 57.9 | 60.4 | 54.1 | 54.8 | 56.5 | 59.0 | 51.6 | 52.4 | **54.0** | 56.5 | 46.8 | 47.5 | 49.1 | 51.5 | 35.3 | 35.9 | 37.1 | 39.0 |
| | | S/T | 0.88 | 0.81 | 0.68 | 0.54 | 0.89 | 0.81 | 0.68 | 0.55 | 1.00 | 0.84 | 0.71 | 0.57 | 1.00 | 0.86 | **0.73** | 0.59 | 1.00 | 1.00 | 0.78 | 0.64 | 1.00 | 1.00 | 1.00 | 0.76 |
| | | ΔT | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | **23** | 19 | 27 | 25 | 22 | 18 | 25 | 23 | 20 | 17 |
| | | kW | 4.49 | 4.48 | 4.47 | 4.52 | 5.10 | 5.10 | 5.08 | 5.13 | 5.78 | 5.78 | 5.77 | 5.81 | 6.52 | 6.52 | **6.51** | 6.55 | 7.10 | 7.10 | 7.09 | 7.13 | 6.57 | 6.56 | 6.55 | 6.59 |
| | | Amps | 17.2 | 17.2 | 17.2 | 17.4 | 19.9 | 19.9 | 19.8 | 20.0 | 22.9 | 22.8 | 22.8 | 23.0 | 26.1 | 26.0 | **26.0** | 26.2 | 28.6 | 28.6 | 28.5 | 28.7 | 26.3 | 26.2 | 26.2 | 26.4 |
| | | Hi PR | 306 | 308 | 310 | 315 | 354 | 355 | 358 | 363 | 404 | 406 | 408 | 413 | 458 | 459 | **462** | 467 | 502 | 503 | 505 | 510 | 513 | 515 | 516 | 521 |
| | | Lo PR | 112 | 113 | 116 | 121 | 119 | 120 | 123 | 127 | 124 | 126 | 129 | 133 | 129 | 131 | **133** | 138 | 145 | 147 | 150 | 155 | 163 | 165 | 168 | 174 |
| | 1880 | MBh | 57.1 | 57.8 | 59.5 | 62.0 | 56.6 | 57.3 | 59.0 | 61.5 | 55.1 | 55.9 | 57.6 | 60.1 | 52.7 | 53.4 | 55.1 | 57.6 | 47.8 | 48.5 | 50.1 | 52.5 | 36.1 | 36.7 | 37.9 | 39.9 |
| | | S/T | 0.92 | 0.84 | 0.71 | 0.58 | 0.92 | 0.85 | 0.72 | 0.58 | 1.00 | 0.87 | 0.74 | 0.61 | 1.00 | 0.89 | 0.76 | 0.63 | 1.00 | 1.00 | 0.82 | 0.68 | 1.00 | 1.00 | 1.00 | 0.80 |
| | | ΔT | 27 | 25 | 21 | 18 | 27 | 25 | 21 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | 21 | 18 | 26 | 24 | 20 | 17 | 24 | 22 | 19 | 16 |
| | | kW | 4.52 | 4.52 | 4.51 | 4.55 | 5.13 | 5.13 | 5.12 | 5.16 | 5.81 | 5.81 | 5.80 | 5.85 | 6.55 | 6.55 | 6.54 | 6.59 | 7.13 | 7.13 | 7.12 | 7.16 | 6.59 | 6.59 | 6.58 | 6.62 |
| | | Amps | 17.4 | 17.3 | 17.3 | 17.5 | 20.0 | 20.0 | 20.0 | 20.2 | 23.0 | 23.0 | 22.9 | 23.1 | 26.2 | 26.2 | 26.1 | 26.3 | 28.7 | 28.7 | 28.6 | 28.8 | 26.4 | 26.4 | 26.3 | 26.5 |
| | | Hi PR | 309 | 311 | 313 | 318 | 357 | 359 | 361 | 366 | 407 | 409 | 411 | 416 | 461 | 463 | 465 | 470 | 505 | 506 | 508 | 513 | 516 | 517 | 519 | 524 |
| | | Lo PR | 114 | 115 | 118 | 123 | 121 | 122 | 125 | 130 | 127 | 128 | 131 | 135 | 132 | 133 | 136 | 140 | 148 | 149 | 152 | 157 | 166 | 168 | 171 | 176 |
| 85 | 1390 | MBh | 56.1 | 56.8 | 58.5 | 61.0 | 55.6 | 56.3 | 58.0 | 60.5 | 54.1 | 54.9 | 56.6 | 59.1 | 51.7 | 52.4 | 54.1 | 56.6 | 46.8 | 47.6 | 49.2 | 51.6 | 35.3 | 35.9 | 37.2 | 39.1 |
| | | S/T | 1.00 | 0.83 | 0.70 | 0.57 | 1.00 | 0.84 | 0.71 | 0.57 | 1.00 | 0.86 | 0.73 | 0.60 | 1.00 | 0.88 | 0.75 | 0.62 | 1.00 | 1.00 | 0.81 | 0.66 | 1.00 | 1.00 | 1.00 | 0.79 |
| | | ΔT | 33 | 31 | 28 | 24 | 33 | 31 | 28 | 24 | 34 | 32 | 28 | 24 | 33 | 31 | 28 | 24 | 32 | 30 | 27 | 23 | 29 | 28 | 25 | 21 |
| | | kW | 4.46 | 4.46 | 4.45 | 4.49 | 5.07 | 5.07 | 5.06 | 5.11 | 5.76 | 5.75 | 5.74 | 5.79 | 6.50 | 6.49 | 6.48 | 6.53 | 7.07 | 7.07 | 7.06 | 7.10 | 6.55 | 6.54 | 6.53 | 6.57 |
| | | Amps | 17.1 | 17.1 | 17.0 | 17.2 | 19.8 | 19.7 | 19.7 | 19.9 | 22.7 | 22.7 | 22.7 | 22.9 | 25.9 | 25.9 | 25.9 | 26.1 | 28.5 | 28.4 | 28.4 | 28.6 | 26.2 | 26.2 | 26.1 | 26.3 |
| | | Hi PR | 305 | 306 | 308 | 313 | 353 | 354 | 356 | 361 | 403 | 404 | 406 | 411 | 457 | 458 | 460 | 465 | 500 | 502 | 504 | 509 | 512 | 513 | 515 | 520 |
| | | Lo PR | 112 | 113 | 116 | 120 | 118 | 120 | 122 | 127 | 124 | 125 | 128 | 133 | 129 | 130 | 133 | 138 | 145 | 147 | 150 | 155 | 163 | 165 | 168 | 173 |
| | 1630 | MBh | 56.9 | 57.7 | 59.3 | 61.8 | 56.4 | 57.2 | 58.8 | 61.3 | 55.0 | 55.8 | 57.4 | 59.9 | 52.5 | 53.3 | 54.9 | 57.4 | 47.6 | 48.4 | 50.0 | 52.4 | 36.0 | 36.6 | 37.8 | 39.8 |
| | | S/T | 1.00 | 0.90 | 0.77 | 0.64 | 1.00 | 0.91 | 0.78 | 0.64 | 1.00 | 0.93 | 0.80 | 0.67 | 1.00 | 0.95 | 0.82 | 0.69 | 1.00 | 1.00 | 0.88 | 0.74 | 1.00 | 1.00 | 1.00 | 0.87 |
| | | ΔT | 32 | 30 | 26 | 23 | 32 | 30 | 26 | 23 | 32 | 30 | 27 | 23 | 32 | 30 | 26 | 23 | 31 | 29 | 25 | 22 | 28 | 26 | 23 | 20 |
| | | kW | 4.50 | 4.50 | 4.48 | 4.53 | 5.11 | 5.11 | 5.10 | 5.14 | 5.79 | 5.79 | 5.78 | 5.83 | 6.53 | 6.53 | 6.52 | 6.56 | 7.11 | 7.11 | 7.10 | 7.14 | 6.58 | 6.57 | 6.56 | 6.60 |
| | | Amps | 17.3 | 17.3 | 17.2 | 17.4 | 19.9 | 19.9 | 19.9 | 20.1 | 22.9 | 22.9 | 22.8 | 23.0 | 26.1 | 26.1 | 26.0 | 26.3 | 28.6 | 28.6 | 28.6 | 28.8 | 26.3 | 26.3 | 26.2 | 26.4 |
| | | Hi PR | 308 | 309 | 311 | 317 | 356 | 357 | 359 | 364 | 406 | 407 | 409 | 414 | 460 | 461 | 463 | 468 | 503 | 505 | 507 | 512 | 515 | 516 | 518 | 522 |
| | | Lo PR | 114 | 115 | 118 | 122 | 120 | 122 | 124 | 129 | 126 | 127 | 130 | 135 | 131 | 132 | 135 | 140 | 147 | 149 | 152 | 157 | 165 | 167 | 170 | 176 |
| | 1880 | MBh | 58.0 | 58.8 | 60.4 | 62.9 | 57.5 | 58.3 | 59.9 | 62.4 | 56.1 | 56.8 | 58.5 | 61.0 | 53.6 | 54.4 | 56.0 | 58.5 | 48.7 | 49.4 | 51.0 | 53.4 | 36.8 | 37.4 | 38.7 | 40.6 |
| | | S/T | 1.00 | 0.94 | 0.81 | 0.67 | 1.00 | 0.95 | 0.82 | 0.68 | 1.00 | 0.97 | 0.84 | 0.70 | 1.00 | 0.99 | 0.86 | 0.72 | 1.00 | 1.00 | 0.92 | 0.78 | 1.00 | 1.00 | 1.00 | 0.91 |
| | | ΔT | 31 | 29 | 25 | 22 | 31 | 29 | 25 | 21 | 31 | 29 | 25 | 22 | 31 | 29 | 25 | 21 | 29 | 28 | 24 | 20 | 27 | 25 | 22 | 19 |
| | | kW | 4.53 | 4.53 | 4.52 | 4.56 | 5.14 | 5.14 | 5.13 | 5.18 | 5.83 | 5.82 | 5.81 | 5.86 | 6.57 | 6.56 | 6.55 | 6.60 | 7.14 | 7.14 | 7.13 | 7.17 | 6.60 | 6.60 | 6.59 | 6.62 |
| | | Amps | 17.4 | 17.4 | 17.3 | 17.6 | 20.1 | 20.1 | 20.0 | 20.2 | 23.0 | 23.0 | 23.0 | 23.2 | 26.3 | 26.2 | 26.2 | 26.4 | 28.8 | 28.7 | 28.7 | 28.9 | 26.4 | 26.4 | 26.4 | 26.5 |
| | | Hi PR | 311 | 312 | 314 | 320 | 359 | 360 | 362 | 367 | 409 | 410 | 412 | 417 | 463 | 464 | 466 | 471 | 506 | 508 | 510 | 515 | 517 | 519 | 520 | 525 |
| | | Lo PR | 116 | 117 | 120 | 125 | 122 | 124 | 127 | 131 | 128 | 130 | 132 | 137 | 133 | 135 | 137 | 142 | 150 | 151 | 154 | 159 | 168 | 169 | 173 | 178 |

IDB = Entering Indoor Dry Bulb Temperature

Shaded area is AHRI (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS601AA / CA*E4961*4A* + D*96VC1205DNA* at 70%

| | | | 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 | 1160 | MBh | 39.4 | 40.0 | 41.2 | - | 39.1 | 39.6 | 40.8 | - | 38.0 | 38.6 | 39.8 | - | 36.3 | 36.8 | 38.0 | - | 34.1 | 34.6 | 35.8 | - | 32.1 | 32.7 | 33.8 | - |
| | | S/T | 0.58 | 0.51 | 0.37 | - | 0.59 | 0.51 | 0.38 | - | 0.61 | 0.54 | 0.40 | - | 0.63 | 0.56 | 0.42 | - | 0.65 | 0.58 | 0.45 | - | 0.70 | 0.63 | 0.50 | - |
| | | ΔT | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 21 | 19 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 21 | 19 | 16 | - |
| | | kW | 2.80 | 2.80 | 2.79 | - | 3.18 | 3.18 | 3.17 | - | 3.61 | 3.61 | 3.60 | - | 4.08 | 4.08 | 4.07 | - | 4.60 | 4.59 | 4.59 | - | 5.21 | 5.20 | 5.20 | - |
| | | Amps | 10.7 | 10.7 | 10.7 | - | 12.4 | 12.4 | 12.4 | - | 14.3 | 14.3 | 14.2 | - | 16.3 | 16.3 | 16.2 | - | 18.5 | 18.5 | 18.5 | - | 21.2 | 21.2 | 21.2 | - |
| | | Hi PR | 289 | 290 | 292 | - | 335 | 336 | 338 | - | 383 | 384 | 386 | - | 434 | 436 | 438 | - | 490 | 491 | 493 | - | 549 | 550 | 553 | - |
| | | Lo PR | 113 | 114 | 117 | - | 119 | 121 | 124 | - | 125 | 127 | 130 | - | 130 | 132 | 135 | - | 135 | 137 | 140 | - | 142 | 143 | 146 | - |
| | 1360 | MBh | 40.0 | 40.6 | 41.8 | - | 39.7 | 40.2 | 41.4 | - | 38.6 | 39.2 | 40.4 | - | 36.9 | 37.4 | 38.6 | - | 34.7 | 35.2 | 36.4 | - | 32.7 | 33.3 | 34.4 | - |
| | | S/T | 0.65 | 0.58 | 0.45 | - | 0.66 | 0.59 | 0.45 | - | 0.68 | 0.61 | 0.48 | - | 0.70 | 0.63 | 0.50 | - | 0.73 | 0.65 | 0.52 | - | 1.00 | 0.70 | 0.57 | - |
| | | ΔT | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 13 | - | 20 | 18 | 15 | - |
| | | kW | 2.82 | 2.82 | 2.81 | - | 3.21 | 3.21 | 3.20 | - | 3.64 | 3.63 | 3.63 | - | 4.10 | 4.10 | 4.09 | - | 4.62 | 4.62 | 4.61 | - | 5.23 | 5.23 | 5.22 | - |
| | | Amps | 10.8 | 10.8 | 10.8 | - | 12.5 | 12.5 | 12.5 | - | 14.4 | 14.4 | 14.3 | - | 16.4 | 16.4 | 16.4 | - | 18.7 | 18.6 | 18.6 | - | 21.3 | 21.3 | 21.3 | - |
| | | Hi PR | 292 | 293 | 295 | - | 338 | 339 | 341 | - | 386 | 387 | 389 | - | 437 | 438 | 441 | - | 493 | 494 | 496 | - | 552 | 553 | 555 | - |
| | | Lo PR | 114 | 116 | 119 | - | 121 | 123 | 126 | - | 127 | 129 | 132 | - | 132 | 134 | 137 | - | 137 | 139 | 142 | - | 144 | 145 | 148 | - |
| | 1560 | MBh | 40.8 | 41.3 | 42.5 | - | 40.4 | 41.0 | 42.1 | - | 39.4 | 39.9 | 41.1 | - | 37.6 | 38.2 | 39.3 | - | 35.4 | 36.0 | 37.2 | - | 33.5 | 34.0 | 35.2 | - |
| | | S/T | 0.69 | 0.62 | 0.48 | - | 0.70 | 0.62 | 0.49 | - | 0.72 | 0.65 | 0.51 | - | 0.74 | 0.67 | 0.53 | - | 0.76 | 0.69 | 0.55 | - | 1.00 | 0.74 | 0.60 | - |
| | | ΔT | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 19 | 17 | 13 | - |
| | | kW | 2.84 | 2.84 | 2.83 | - | 3.23 | 3.22 | 3.22 | - | 3.66 | 3.65 | 3.65 | - | 4.12 | 4.12 | 4.11 | - | 4.64 | 4.64 | 4.63 | - | 5.25 | 5.25 | 5.24 | - |
| | | Amps | 10.9 | 10.9 | 10.9 | - | 12.6 | 12.6 | 12.6 | - | 14.5 | 14.4 | 14.4 | - | 16.5 | 16.5 | 16.4 | - | 18.7 | 18.7 | 18.7 | - | 21.4 | 21.4 | 21.3 | - |
| | | Hi PR | 295 | 296 | 298 | - | 341 | 342 | 344 | - | 388 | 390 | 392 | - | 440 | 441 | 443 | - | 496 | 497 | 499 | - | 555 | 556 | 558 | - |
| | | Lo PR | 117 | 118 | 121 | - | 124 | 125 | 128 | - | 130 | 131 | 134 | - | 135 | 136 | 139 | - | 140 | 141 | 144 | - | 146 | 147 | 150 | - |
| 75 | 1160 | MBh | 39.4 | 40.0 | 41.2 | 43.0 | 39.1 | 39.6 | 40.8 | 42.6 | 38.1 | 38.6 | 39.8 | 41.6 | 36.3 | 36.8 | 38.0 | 39.8 | 34.1 | 34.7 | 35.9 | 37.7 | 32.1 | 32.7 | 33.9 | 35.7 |
| | | S/T | 0.71 | 0.63 | 0.50 | 0.36 | 0.71 | 0.64 | 0.51 | 0.37 | 0.74 | 0.66 | 0.53 | 0.39 | 0.76 | 0.68 | 0.55 | 0.41 | 1.00 | 0.71 | 0.57 | 0.43 | 1.00 | 0.76 | 0.62 | 0.48 |
| | | ΔT | 24 | 23 | 19 | 16 | 24 | 23 | 19 | 15 | 25 | 23 | 19 | 16 | 24 | 23 | 19 | 15 | 24 | 22 | 19 | 15 | 25 | 23 | 20 | 16 |
| | | kW | 2.80 | 2.79 | 2.79 | 2.82 | 3.18 | 3.18 | 3.17 | 3.20 | 3.61 | 3.61 | 3.60 | 3.63 | 4.08 | 4.07 | 4.07 | 4.10 | 4.60 | 4.59 | 4.59 | 4.62 | 5.20 | 5.20 | 5.19 | 5.22 |
| | | Amps | 10.7 | 10.7 | 10.7 | 10.8 | 12.4 | 12.4 | 12.4 | 12.5 | 14.3 | 14.2 | 14.2 | 14.3 | 16.3 | 16.3 | 16.2 | 16.4 | 18.5 | 18.5 | 18.5 | 18.6 | 21.2 | 21.2 | 21.1 | 21.3 |
| | | Hi PR | 289 | 291 | 293 | 298 | 335 | 336 | 338 | 343 | 383 | 384 | 386 | 391 | 435 | 436 | 438 | 443 | 490 | 491 | 493 | 498 | 549 | 551 | 553 | 558 |
| | | Lo PR | 113 | 114 | 117 | 122 | 119 | 121 | 124 | 128 | 125 | 127 | 130 | 135 | 131 | 132 | 135 | 140 | 136 | 137 | 140 | 145 | 142 | 143 | 146 | 151 |
| | 1360 | MBh | 40.0 | 40.6 | 41.8 | 43.6 | 39.7 | 40.2 | 41.4 | 43.2 | 38.7 | 39.2 | 40.4 | 42.2 | 36.9 | 37.4 | 38.6 | 40.4 | 34.7 | 35.3 | 36.5 | 38.3 | 32.7 | 33.3 | 34.5 | 36.3 |
| | | S/T | 0.78 | 0.71 | 0.57 | 0.43 | 0.79 | 0.71 | 0.58 | 0.44 | 0.81 | 0.74 | 0.60 | 0.46 | 0.83 | 0.76 | 0.62 | 0.48 | 1.00 | 0.78 | 0.64 | 0.50 | 1.00 | 0.83 | 0.69 | 0.55 |
| | | ΔT | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 17 | 14 | 24 | 22 | 19 | 15 |
| | | kW | 2.82 | 2.82 | 2.81 | 2.84 | 3.21 | 3.20 | 3.20 | 3.23 | 3.64 | 3.63 | 3.63 | 3.66 | 4.10 | 4.10 | 4.09 | 4.12 | 4.62 | 4.62 | 4.61 | 4.64 | 5.23 | 5.23 | 5.22 | 5.25 |
| | | Amps | 10.8 | 10.8 | 10.8 | 10.9 | 12.5 | 12.5 | 12.5 | 12.6 | 14.4 | 14.4 | 14.3 | 14.5 | 16.4 | 16.4 | 16.3 | 16.5 | 18.6 | 18.6 | 18.6 | 18.7 | 21.3 | 21.3 | 21.2 | 21.4 |
| | | Hi PR | 292 | 294 | 296 | 301 | 338 | 339 | 341 | 346 | 386 | 387 | 389 | 394 | 437 | 439 | 441 | 446 | 493 | 494 | 496 | 501 | 552 | 554 | 556 | 561 |
| | | Lo PR | 114 | 116 | 119 | 124 | 121 | 123 | 126 | 130 | 127 | 129 | 132 | 136 | 132 | 134 | 137 | 142 | 137 | 139 | 142 | 147 | 144 | 145 | 148 | 153 |
| | 1560 | MBh | 40.8 | 41.3 | 42.5 | 44.3 | 40.4 | 41.0 | 42.2 | 44.0 | 39.4 | 40.0 | 41.1 | 42.9 | 37.6 | 38.2 | 39.4 | 41.2 | 35.5 | 36.0 | 37.2 | 39.0 | 33.5 | 34.0 | 35.2 | 37.0 |
| | | S/T | 0.82 | 0.74 | 0.61 | 0.47 | 0.82 | 0.75 | 0.62 | 0.48 | 0.85 | 0.77 | 0.64 | 0.50 | 1.00 | 0.79 | 0.66 | 0.52 | 1.00 | 0.81 | 0.68 | 0.54 | 1.00 | 0.86 | 0.73 | 0.59 |
| | | ΔT | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 16 | 13 | 23 | 21 | 18 | 14 |
| | | kW | 2.84 | 2.84 | 2.83 | 2.86 | 3.23 | 3.22 | 3.22 | 3.25 | 3.65 | 3.65 | 3.65 | 3.67 | 4.12 | 4.12 | 4.11 | 4.14 | 4.64 | 4.64 | 4.63 | 4.66 | 5.25 | 5.24 | 5.24 | 5.27 |
| | | Amps | 10.9 | 10.9 | 10.9 | 11.0 | 12.6 | 12.6 | 12.5 | 12.7 | 14.4 | 14.4 | 14.4 | 14.5 | 16.5 | 16.5 | 16.4 | 16.6 | 18.7 | 18.7 | 18.7 | 18.8 | 21.4 | 21.4 | 21.3 | 21.5 |
| | | Hi PR | 295 | 296 | 298 | 303 | 341 | 342 | 344 | 349 | 389 | 390 | 392 | 397 | 440 | 442 | 444 | 449 | 496 | 497 | 499 | 504 | 555 | 556 | 558 | 564 |
| | | Lo PR | 117 | 118 | 121 | 126 | 124 | 125 | 128 | 133 | 130 | 131 | 134 | 139 | 135 | 136 | 139 | 144 | 140 | 141 | 144 | 149 | 146 | 147 | 150 | 155 |

IDB = Entering Indoor Dry Bulb Temperature

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

Shaded area is ACCA (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

# Expanded Cooling Data — DX17VSS601AA / CA*E4961*4A* + D*96VC1205DNA* at 70%

| | | | 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 | 1160 | MBh | 39.6 | 40.2 | 41.4 | 43.2 | 39.3 | 39.9 | 41.0 | 42.8 | 38.3 | 38.8 | 40.0 | 41.8 | 36.5 | 37.0 | 38.2 | 40.0 | 34.3 | 34.9 | 36.1 | 37.9 | 32.3 | 32.9 | 34.1 | 35.9 |
| | | S/T | 0.83 | 0.76 | 0.62 | 0.48 | 0.84 | 0.76 | 0.63 | 0.49 | 1.00 | 0.79 | 0.65 | 0.51 | 1.00 | 0.81 | 0.67 | 0.53 | 1.00 | 0.83 | 0.70 | 0.55 | 1.00 | 0.88 | 0.75 | 0.61 |
| | | ΔT | 29 | 27 | 23 | 20 | 29 | 27 | 23 | 20 | 29 | 27 | 23 | 20 | 28 | 27 | 23 | 20 | 28 | 26 | 23 | 19 | 29 | 28 | 24 | 20 |
| | | kW | 2.80 | 2.80 | 2.79 | 2.82 | 3.18 | 3.18 | 3.17 | 3.20 | 3.61 | 3.61 | 3.60 | 3.63 | 4.08 | 4.08 | 4.07 | 4.10 | 4.60 | 4.59 | 4.59 | 4.62 | 5.21 | 5.20 | 5.20 | 5.23 |
| | | Amps | 10.7 | 10.7 | 10.7 | 10.8 | 12.4 | 12.4 | 12.4 | 12.5 | 14.3 | 14.3 | 14.2 | 14.4 | 16.3 | 16.3 | 16.2 | 16.4 | 18.5 | 18.5 | 18.5 | 18.6 | 21.2 | 21.2 | 21.2 | 21.3 |
| | | Hi PR | 290 | 291 | 293 | 298 | 336 | 337 | 339 | 344 | 384 | 385 | 387 | 392 | 435 | 436 | 438 | 443 | 491 | 492 | 494 | 499 | 550 | 551 | 553 | 558 |
| | | Lo PR | 113 | 114 | 117 | 122 | 120 | 121 | 124 | 129 | 126 | 127 | 130 | 135 | 131 | 132 | 135 | 140 | 136 | 137 | 140 | 145 | 142 | 144 | 147 | 151 |
| | 1360 | MBh | 40.2 | 40.8 | 42.0 | 43.8 | 39.9 | 40.5 | 41.6 | 43.4 | 38.9 | 39.4 | 40.6 | 42.4 | 37.1 | 37.6 | **38.8** | 40.6 | 34.9 | 35.5 | 36.7 | 38.5 | 32.9 | 33.5 | 34.7 | 36.5 |
| | | S/T | 0.90 | 0.83 | 0.70 | 0.56 | 0.91 | 0.84 | 0.70 | 0.56 | 1.00 | 0.86 | 0.73 | 0.59 | 1.00 | 0.88 | **0.75** | 0.61 | 1.00 | 0.90 | 0.77 | 0.63 | 1.00 | 1.00 | 0.82 | 0.68 |
| | | ΔT | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 26 | 22 | 18 | 27 | 25 | **22** | 18 | 27 | 25 | 22 | 18 | 28 | 26 | 23 | 19 |
| | | kW | 2.82 | 2.82 | 2.81 | 2.84 | 3.21 | 3.20 | 3.20 | 3.23 | 3.64 | 3.63 | 3.63 | 3.66 | 4.10 | 4.10 | **4.09** | 4.12 | 4.62 | 4.62 | 4.61 | 4.64 | 5.23 | 5.23 | 5.22 | 5.25 |
| | | Amps | 10.8 | 10.8 | 10.8 | 10.9 | 12.5 | 12.5 | 12.5 | 12.6 | 14.4 | 14.4 | 14.3 | 14.5 | 16.4 | 16.4 | **16.4** | 16.5 | 18.7 | 18.6 | 18.6 | 18.7 | 21.3 | 21.3 | 21.3 | 21.4 |
| | | Hi PR | 293 | 294 | 296 | 301 | 339 | 340 | 342 | 347 | 386 | 388 | 390 | 395 | 438 | 439 | **441** | 446 | 494 | 495 | 497 | 502 | 553 | 554 | 556 | 561 |
| | | Lo PR | 115 | 116 | 119 | 124 | 122 | 123 | 126 | 131 | 128 | 129 | 132 | 137 | 133 | 134 | **137** | 142 | 138 | 139 | 142 | 147 | 144 | 146 | 148 | 153 |
| | 1560 | MBh | 41.0 | 41.6 | 42.7 | 44.5 | 40.6 | 41.2 | 42.4 | 44.2 | 39.6 | 40.2 | 41.3 | 43.1 | 37.8 | 38.4 | 39.6 | 41.4 | 35.7 | 36.2 | 37.4 | 39.2 | 33.7 | 34.2 | 35.4 | 37.2 |
| | | S/T | 0.94 | 0.87 | 0.73 | 0.59 | 1.00 | 0.87 | 0.74 | 0.60 | 1.00 | 0.90 | 0.76 | 0.62 | 1.00 | 0.92 | 0.78 | 0.64 | 1.00 | 0.94 | 0.80 | 0.66 | 1.00 | 1.00 | 0.85 | 0.71 |
| | | ΔT | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 20 | 17 | 27 | 25 | 22 | 18 |
| | | kW | 2.84 | 2.84 | 2.83 | 2.86 | 3.23 | 3.22 | 3.22 | 3.25 | 3.66 | 3.65 | 3.65 | 3.68 | 4.12 | 4.12 | 4.11 | 4.14 | 4.64 | 4.64 | 4.63 | 4.66 | 5.25 | 5.25 | 5.24 | 5.27 |
| | | Amps | 10.9 | 10.9 | 10.9 | 11.0 | 12.6 | 12.6 | 12.5 | 12.7 | 14.5 | 14.4 | 14.4 | 14.5 | 16.5 | 16.5 | 16.4 | 16.6 | 18.7 | 18.7 | 18.7 | 18.8 | 21.4 | 21.4 | 21.3 | 21.5 |
| | | Hi PR | 296 | 297 | 299 | 304 | 341 | 343 | 345 | 350 | 389 | 391 | 393 | 398 | 441 | 442 | 444 | 449 | 496 | 498 | 500 | 505 | 556 | 557 | 559 | 564 |
| | | Lo PR | 117 | 119 | 121 | 126 | 124 | 125 | 128 | 133 | 130 | 131 | 134 | 139 | 135 | 137 | 139 | 144 | 140 | 142 | 144 | 149 | 146 | 148 | 151 | 155 |
| 85 | 1160 | MBh | 40.3 | 40.9 | 42.0 | 43.9 | 40.0 | 40.5 | 41.7 | 43.5 | 38.9 | 39.5 | 40.7 | 42.5 | 37.2 | 37.7 | 38.9 | 40.7 | 35.0 | 35.5 | 36.7 | 38.5 | 33.0 | 33.6 | 34.7 | 36.5 |
| | | S/T | 1.00 | 0.86 | 0.72 | 0.58 | 1.00 | 0.86 | 0.73 | 0.59 | 1.00 | 0.89 | 0.75 | 0.61 | 1.00 | 0.91 | 0.77 | 0.63 | 1.00 | 1.00 | 0.79 | 0.65 | 1.00 | 1.00 | 0.85 | 0.70 |
| | | ΔT | 32 | 30 | 27 | 23 | 32 | 30 | 27 | 23 | 32 | 31 | 27 | 23 | 32 | 30 | 27 | 23 | 32 | 30 | 27 | 23 | 33 | 31 | 28 | 24 |
| | | kW | 2.81 | 2.80 | 2.80 | 2.83 | 3.19 | 3.19 | 3.18 | 3.21 | 3.62 | 3.62 | 3.61 | 3.64 | 4.09 | 4.08 | 4.08 | 4.11 | 4.60 | 4.60 | 4.59 | 4.62 | 5.21 | 5.21 | 5.20 | 5.23 |
| | | Amps | 10.8 | 10.7 | 10.7 | 10.8 | 12.4 | 12.4 | 12.4 | 12.5 | 14.3 | 14.3 | 14.3 | 14.4 | 16.3 | 16.3 | 16.3 | 16.4 | 18.6 | 18.6 | 18.5 | 18.7 | 21.2 | 21.2 | 21.2 | 21.3 |
| | | Hi PR | 291 | 293 | 295 | 300 | 337 | 338 | 340 | 345 | 385 | 386 | 388 | 393 | 436 | 438 | 440 | 445 | 492 | 493 | 495 | 500 | 551 | 553 | 555 | 560 |
| | | Lo PR | 115 | 116 | 119 | 124 | 122 | 123 | 126 | 131 | 128 | 129 | 132 | 137 | 133 | 134 | 137 | 142 | 138 | 139 | 142 | 147 | 144 | 145 | 148 | 153 |
| | 1360 | MBh | 40.9 | 41.5 | 42.7 | 44.5 | 40.6 | 41.1 | 42.3 | 44.1 | 39.5 | 40.1 | 41.3 | 43.1 | 37.8 | 38.3 | 39.5 | 41.3 | 35.6 | 36.1 | 37.3 | 39.1 | 33.6 | 34.2 | 35.3 | 37.1 |
| | | S/T | 1.00 | 0.93 | 0.80 | 0.66 | 1.00 | 0.93 | 0.80 | 0.66 | 1.00 | 0.96 | 0.83 | 0.69 | 1.00 | 1.00 | 0.85 | 0.70 | 1.00 | 1.00 | 0.87 | 0.73 | 1.00 | 1.00 | 0.92 | 0.78 |
| | | ΔT | 31 | 29 | 26 | 22 | 31 | 29 | 25 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 25 | 22 | 31 | 29 | 25 | 22 | 32 | 30 | 26 | 23 |
| | | kW | 2.83 | 2.83 | 2.82 | 2.85 | 3.22 | 3.21 | 3.21 | 3.24 | 3.64 | 3.64 | 3.64 | 3.66 | 4.11 | 4.11 | 4.10 | 4.13 | 4.63 | 4.63 | 4.62 | 4.65 | 5.24 | 5.23 | 5.23 | 5.26 |
| | | Amps | 10.9 | 10.9 | 10.8 | 11.0 | 12.5 | 12.5 | 12.5 | 12.6 | 14.4 | 14.4 | 14.4 | 14.5 | 16.4 | 16.4 | 16.4 | 16.5 | 18.7 | 18.7 | 18.6 | 18.8 | 21.3 | 21.3 | 21.3 | 21.4 |
| | | Hi PR | 294 | 295 | 298 | 303 | 340 | 341 | 343 | 348 | 388 | 389 | 391 | 396 | 439 | 441 | 443 | 448 | 495 | 496 | 498 | 503 | 554 | 556 | 558 | 563 |
| | | Lo PR | 117 | 118 | 121 | 126 | 124 | 125 | 128 | 133 | 130 | 131 | 134 | 139 | 135 | 136 | 139 | 144 | 140 | 141 | 144 | 149 | 146 | 147 | 150 | 155 |
| | 1560 | MBh | 41.7 | 42.2 | 43.4 | 45.2 | 41.3 | 41.9 | 43.0 | 44.8 | 40.3 | 40.8 | 42.0 | 43.8 | 38.5 | 39.1 | 40.2 | 42.0 | 36.3 | 36.9 | 38.1 | 39.9 | 34.4 | 34.9 | 36.1 | 37.9 |
| | | S/T | 1.00 | 0.97 | 0.83 | 0.69 | 1.00 | 0.97 | 0.84 | 0.70 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 0.88 | 0.74 | 1.00 | 1.00 | 0.90 | 0.76 | 1.00 | 1.00 | 0.95 | 0.81 |
| | | ΔT | 30 | 28 | 24 | 21 | 30 | 28 | 24 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 24 | 21 | 29 | 28 | 24 | 21 | 31 | 29 | 25 | 22 |
| | | kW | 2.85 | 2.85 | 2.84 | 2.87 | 3.23 | 3.23 | 3.23 | 3.25 | 3.66 | 3.66 | 3.65 | 3.68 | 4.13 | 4.13 | 4.12 | 4.15 | 4.65 | 4.64 | 4.64 | 4.67 | 5.26 | 5.25 | 5.25 | 5.28 |
| | | Amps | 11.0 | 10.9 | 10.9 | 11.0 | 12.6 | 12.6 | 12.6 | 12.7 | 14.5 | 14.5 | 14.4 | 14.6 | 16.5 | 16.5 | 16.5 | 16.6 | 18.8 | 18.8 | 18.7 | 18.9 | 21.4 | 21.4 | 21.4 | 21.5 |
| | | Hi PR | 297 | 298 | 300 | 305 | 343 | 344 | 346 | 351 | 391 | 392 | 394 | 399 | 442 | 443 | 445 | 451 | 498 | 499 | 501 | 506 | 557 | 558 | 560 | 565 |
| | | Lo PR | 119 | 120 | 123 | 128 | 126 | 127 | 130 | 135 | 132 | 133 | 136 | 141 | 137 | 138 | 141 | 146 | 142 | 143 | 146 | 151 | 148 | 149 | 152 | 157 |

IDB = Entering Indoor Dry Bulb Temperature

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

Shaded area is AHRI (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

| DX17VSS181AA / CA*EA1818*4A* + DM96VC0803BNA* Design Subcooling @ AHRI 95 °F Conditions, 9-11 °F - 100 % Demand | | | | |
|---|---|---|---|---|
| Outdoor Temp. °F | Total BTU/h | Sensible BTU/h | Latent BTU/h | Total Watts |
| 75° | 18,336 | 13,883 | 4,453 | 1,092 |
| 80° | 18,109 | 13,948 | 4,161 | 1,164 |
| 85° | 17,881 | 14,013 | 3,868 | 1,235 |
| 90° | 17,491 | 13,883 | 3,608 | 1,312 |
| 95° | 17,100 | 13,753 | 3,347 | 1,390 |
| 100° | 16,622 | 13,558 | 3,064 | 1,476 |
| 105° | 16,145 | 13,363 | 2,782 | 1,562 |
| 110° | 15,709 | 13,418 | 2,291 | 1,663 |
| 115° | 15,273 | 13,473 | 1,799 | 1,765 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **16,490** | **13,440** | **3,050** | **1,391** |

| DX17VSS181AA / CA*EA1818*4A* + DM96VC0803BNA* Design Subcooling @ AHRI 95 °F Conditions, 9-11 °F - 70 % Demand | | | | |
|---|---|---|---|---|
| Outdoor Temp. °F | Total BTU/h | Sensible BTU/h | Latent BTU/h | Total Watts |
| 75° | 13,183 | 10,251 | 2,932 | 687 |
| 80° | 13,020 | 10,299 | 2,721 | 732 |
| 85° | 12,857 | 10,347 | 2,509 | 777 |
| 90° | 12,576 | 10,251 | 2,324 | 825 |
| 95° | 12,295 | 10,155 | 2,139 | 874 |
| 100° | 11,951 | 10,011 | 1,940 | 928 |
| 105° | 11,608 | 9,867 | 1,741 | 983 |
| 110° | 11,295 | 9,908 | 1,387 | 1,046 |
| 115° | 10,981 | 9,949 | 1,032 | 1,110 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **11,856** | **9,924** | **1,932** | **875** |

| DX17VSS241AA / CA*EA1818*4A* + DM96VC0803BNA* Design Subcooling @ AHRI 95 °F Conditions, 11-13 °F - 100 % Demand | | | | |
|---|---|---|---|---|
| Outdoor Temp. °F | Total BTU/h | Sensible BTU/h | Latent BTU/h | Total Watts |
| 75° | 24,448 | 18,395 | 6,053 | 1,583 |
| 80° | 24,145 | 18,481 | 5,663 | 1,688 |
| 85° | 23,842 | 18,568 | 5,274 | 1,792 |
| 90° | 23,321 | 18,396 | 4,925 | 1,905 |
| 95° | 22,800 | 18,223 | 4,576 | 2,018 |
| 100° | 22,163 | 17,965 | 4,198 | 2,144 |
| 105° | 21,526 | 17,706 | 3,820 | 2,270 |
| 110° | 20,945 | 17,779 | 3,166 | 2,418 |
| 115° | 20,364 | 17,853 | 2,511 | 2,566 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **21,987** | **17,809** | **4,178** | **2,020** |

| DX17VSS241AA / CA*EA1818*4A* + DM96VC0803BNA* Design Subcooling @ AHRI 95 °F Conditions, 11-13 °F - 70 % Demand | | | | |
|---|---|---|---|---|
| Outdoor Temp. °F | Total BTU/h | Sensible BTU/h | Latent BTU/h | Total Watts |
| 75° | 17,578 | 13,583 | 3,995 | 996 |
| 80° | 17,360 | 13,647 | 3,713 | 1,062 |
| 85° | 17,142 | 13,711 | 3,432 | 1,127 |
| 90° | 16,768 | 13,584 | 3,184 | 1,198 |
| 95° | 16,393 | 13,456 | 2,937 | 1,269 |
| 100° | 15,935 | 13,265 | 2,670 | 1,349 |
| 105° | 15,477 | 13,074 | 2,403 | 1,428 |
| 110° | 15,059 | 13,129 | 1,931 | 1,521 |
| 115° | 14,641 | 13,183 | 1,459 | 1,614 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **15,808** | **13,150** | **2,658** | **1,271** |

| DX17VSS301AA / CA*EA2422*4A* + DM96VC0803BNA* Design Subcooling @ AHRI 95 °F Conditions, 9-11 °F - 100 % Demand | | | | |
|---|---|---|---|---|
| **Outdoor Temp. °F** | **Total BTU/h** | **Sensible BTU/h** | **Latent BTU/h** | **Total Watts** |
| 75° | 30,452 | 23,200 | 7,253 | 2,105 |
| 80° | 30,075 | 23,309 | 6,766 | 2,237 |
| 85° | 29,698 | 23,418 | 6,280 | 2,369 |
| 90° | 29,049 | 23,201 | 5,848 | 2,512 |
| 95° | 28,400 | 22,983 | 5,416 | 2,654 |
| 100° | 27,607 | 22,657 | 4,949 | 2,814 |
| 105° | 26,813 | 22,331 | 4,482 | 2,973 |
| 110° | 26,089 | 22,423 | 3,666 | 3,160 |
| 115° | 25,365 | 22,516 | 2,849 | 3,347 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **27,387** | **22,460** | **4,927** | **2,657** |

| DX17VSS301AA / CA*EA2422*4A* + DM96VC0803BNA* Design Subcooling @ AHRI 95 °F Conditions, 9-11 °F - 70 % Demand | | | | |
|---|---|---|---|---|
| **Outdoor Temp. °F** | **Total BTU/h** | **Sensible BTU/h** | **Latent BTU/h** | **Total Watts** |
| 75° | 21,895 | 17,131 | 4,764 | 1,324 |
| 80° | 21,624 | 17,212 | 4,412 | 1,407 |
| 85° | 21,353 | 17,292 | 4,061 | 1,490 |
| 90° | 20,886 | 17,132 | 3,754 | 1,580 |
| 95° | 20,419 | 16,971 | 3,448 | 1,670 |
| 100° | 19,849 | 16,730 | 3,119 | 1,770 |
| 105° | 19,279 | 16,490 | 2,789 | 1,870 |
| 110° | 18,758 | 16,558 | 2,200 | 1,988 |
| 115° | 18,238 | 16,626 | 1,612 | 2,106 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **19,691** | **16,585** | **3,106** | **1,671** |

| DX17VSS361AA / CA*EA3026*4A* + D*96VC1005CNA* Design Subcooling @ AHRI 95 °F Conditions, 9-11 °F - 100 % Demand | | | | |
|---|---|---|---|---|
| **Outdoor Temp. °F** | **Total BTU/h** | **Sensible BTU/h** | **Latent BTU/h** | **Total Watts** |
| 75° | 36,672 | 28,180 | 8,492 | 2,889 |
| 80° | 36,217 | 28,312 | 7,905 | 3,078 |
| 85° | 35,763 | 28,445 | 7,318 | 3,267 |
| 90° | 34,981 | 28,181 | 6,801 | 3,472 |
| 95° | 34,200 | 27,917 | 6,283 | 3,677 |
| 100° | 33,245 | 27,521 | 5,724 | 3,905 |
| 105° | 32,289 | 27,124 | 5,165 | 4,134 |
| 110° | 29,172 | 26,384 | 2,788 | 4,094 |
| 115° | 26,055 | 25,643 | 411 | 4,054 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **32,980** | **27,281** | **5,699** | **3,681** |

| DX17VSS361AA / CA*EA3026*4A* + D*96VC1005CNA* Design Subcooling @ AHRI 95 °F Conditions, 9-11 °F - 70 % Demand | | | | |
|---|---|---|---|---|
| **Outdoor Temp. °F** | **Total BTU/h** | **Sensible BTU/h** | **Latent BTU/h** | **Total Watts** |
| 75° | 26,367 | 20,808 | 5,559 | 1,817 |
| 80° | 26,040 | 20,906 | 5,134 | 1,936 |
| 85° | 25,714 | 21,004 | 4,710 | 2,055 |
| 90° | 25,152 | 20,809 | 4,343 | 2,184 |
| 95° | 24,590 | 20,614 | 3,976 | 2,313 |
| 100° | 23,903 | 20,322 | 3,581 | 2,456 |
| 105° | 23,216 | 20,029 | 3,187 | 2,600 |
| 110° | 22,589 | 20,112 | 2,477 | 2,769 |
| 115° | 21,962 | 20,195 | 1,768 | 2,937 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **23,713** | **20,145** | **3,568** | **2,315** |

**DX17VSS421AA / CA*E4860*4A* + D*96VC1005CNA***
**Design Subcooling @ AHRI 95 °F Conditions, 7-9 °F**
**- 100 % Demand**

| Outdoor Temp. °F | Total BTU/h | Sensible BTU/h | Latent BTU/h | Total Watts |
|---|---|---|---|---|
| 75° | 42,891 | 30,656 | 12,234 | 3,497 |
| 80° | 42,359 | 30,800 | 11,559 | 3,724 |
| 85° | 41,828 | 30,945 | 10,883 | 3,952 |
| 90° | 40,914 | 30,657 | 10,256 | 4,198 |
| **95°** | **40,000** | **30,370** | **9,629** | **4,444** |
| 100° | 38,883 | 29,939 | 8,943 | 4,719 |
| 105° | 37,765 | 29,508 | 8,257 | 4,994 |
| 110° | 33,954 | 29,826 | 4,128 | 4,922 |
| 115° | 30,143 | 30,143 | 0 | 4,851 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **38,573** | **29,679** | **8,894** | **4,449** |

**DX17VSS421AA / CA*E4860*4A* + D*96VC1005CNA***
**Design Subcooling @ AHRI 95 °F Conditions, 7-9 °F**
**- 70 % Demand**

| Outdoor Temp. °F | Total BTU/h | Sensible BTU/h | Latent BTU/h | Total Watts |
|---|---|---|---|---|
| 75° | 30,838 | 22,637 | 8,201 | 2,199 |
| 80° | 30,456 | 22,743 | 7,713 | 2,343 |
| 85° | 30,074 | 22,850 | 7,224 | 2,486 |
| 90° | 29,417 | 22,638 | 6,779 | 2,640 |
| **95°** | **28,760** | **22,426** | **6,334** | **2,795** |
| 100° | 27,957 | 22,108 | 5,849 | 2,968 |
| 105° | 27,153 | 21,789 | 5,364 | 3,141 |
| 110° | 26,420 | 21,879 | 4,541 | 3,344 |
| 115° | 25,687 | 21,969 | 3,717 | 3,547 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **27,734** | **21,916** | **5,819** | **2,798** |

**DX17VSS481AA / CA*E4860*4A* + D*96VC1005CNA***
**Design Subcooling @ AHRI 95 °F Conditions, 8-10 °F**
**- 100 % Demand**

| Outdoor Temp. °F | Total BTU/h | Sensible BTU/h | Latent BTU/h | Total Watts |
|---|---|---|---|---|
| 75° | 48,788 | 33,355 | 15,433 | 4,291 |
| 80° | 48,184 | 33,512 | 14,672 | 4,577 |
| 85° | 47,579 | 33,669 | 13,910 | 4,863 |
| 90° | 46,540 | 33,357 | 13,183 | 5,173 |
| **95°** | **45,500** | **33,044** | **12,456** | **5,482** |
| 100° | 43,483 | 32,572 | 10,910 | 5,732 |
| 105° | 41,465 | 32,101 | 9,365 | 5,982 |
| 110° | 35,890 | 31,207 | 4,682 | 5,678 |
| 115° | 30,314 | 30,314 | 0 | 5,374 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **43,877** | **32,292** | **11,585** | **5,488** |

**DX17VSS481AA / CA*E4860*4A* + D*96VC1005CNA***
**Design Subcooling @ AHRI 95 °F Conditions, 8-10 °F**
**- 70 % Demand**

| Outdoor Temp. °F | Total BTU/h | Sensible BTU/h | Latent BTU/h | Total Watts |
|---|---|---|---|---|
| 75° | 35,079 | 24,630 | 10,449 | 2,699 |
| 80° | 34,644 | 24,746 | 9,898 | 2,879 |
| 85° | 34,210 | 24,862 | 9,348 | 3,059 |
| 90° | 33,462 | 24,631 | 8,831 | 3,254 |
| **95°** | **32,714** | **24,400** | **8,314** | **3,448** |
| 100° | 31,801 | 24,054 | 7,747 | 3,666 |
| 105° | 30,887 | 23,708 | 7,179 | 3,883 |
| 110° | 30,053 | 23,806 | 6,247 | 4,139 |
| 115° | 29,219 | 23,904 | 5,315 | 4,394 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **31,548** | **23,845** | **7,703** | **3,452** |

**DX17VSS601AA / CA*E4961*4A* + D*96VC1205DNA***
**Design Subcooling @ AHRI 95 °F Conditions, 7-9 °F**
**- 100 % Demand**

| Outdoor Temp. °F | Total BTU/h | Sensible BTU/h | Latent BTU/h | Total Watts |
|---|---|---|---|---|
| 75° | 57,902 | 39,587 | 18,316 | 5,085 |
| 8° | 57,185 | 39,773 | 17,412 | 5,426 |
| 85° | 56,468 | 39,959 | 16,509 | 5,767 |
| 90° | 55,234 | 39,588 | 15,646 | 6,137 |
| **95°** | **54,000** | **39,217** | **14,782** | **6,506** |
| 100° | 51,540 | 38,733 | 12,807 | 6,796 |
| 105° | 49,080 | 38,248 | 10,832 | 7,085 |
| 110° | 43,097 | 37,681 | 5,416 | 6,820 |
| 115° | 37,113 | 37,113 | 0 | 6,555 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **52,074** | **38,325** | **13,749** | **6,513** |

**DX17VSS601AA / CA*E4961*4A* + D*96VC1205DNA***
**Design Subcooling @ AHRI 95 °F Conditions, 7-9 °F**
**- 70 % Demand**

| Outdoor Temp. °F | Total BTU/h | Sensible BTU/h | Latent BTU/h | Total Watts |
|---|---|---|---|---|
| 75° | 41,632 | 29,231 | 12,401 | 3,198 |
| 80° | 41,116 | 29,369 | 11,747 | 3,413 |
| 85° | 40,600 | 29,506 | 11,094 | 3,628 |
| 90° | 39,713 | 29,232 | 10,481 | 3,860 |
| **95°** | **38,826** | **28,959** | **9,867** | **4,092** |
| 100° | 37,741 | 28,548 | 9,194 | 4,352 |
| 105° | 36,657 | 28,137 | 8,520 | 4,612 |
| 110° | 35,667 | 28,253 | 7,414 | 4,916 |
| 115° | 34,677 | 28,369 | 6,308 | 5,221 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **37,441** | **28,300** | **9,141** | **4,097** |

| DX17VSS181AA / CA*EA1818*4A* + DM96VC0803BNA<br>Design Subcooling @ AHRI 95 °F Conditions, 9-11 °F<br>- Boost Mode | | | | |
|---|---|---|---|---|
| **Outdoor Temp. °F** | **Total BTU/h** | **Sensible BTU/h** | **Latent BTU/h** | **Total Watts** |
| 75° | 19,301 | 14,158 | 5,143 | 1,140 |
| 80° | 19,062 | 14,225 | 4,837 | 1,215 |
| 85° | 18,823 | 14,291 | 4,531 | 1,290 |
| 90° | 18,411 | 14,159 | 4,252 | 1,372 |
| **95°** | **18,000** | **14,026** | **3,974** | **1,453** |
| 100° | 17,497 | 13,827 | 3,670 | 1,544 |
| 105° | 16,994 | 13,628 | 3,366 | 1,635 |
| 110° | 16,535 | 13,684 | 2,851 | 1,742 |
| 115° | 16,076 | 13,741 | 2,336 | 1,848 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **17,358** | **13,707** | **3,651** | **1,455** |

| DX17VSS241AA / CA*EA1818*4A* + DM96VC0803BNA*<br>Design Subcooling @ AHRI 95 °F Conditions, 11-13 °F<br>- Boost Mode | | | | |
|---|---|---|---|---|
| **Outdoor Temp. °F** | **Total BTU/h** | **Sensible BTU/h** | **Latent BTU/h** | **Total Watts** |
| 75° | 25,734 | 18,854 | 6,880 | 1,653 |
| 80° | 25,416 | 18,943 | 6,473 | 1,763 |
| 85° | 25,097 | 19,031 | 6,065 | 1,873 |
| 90° | 24,548 | 18,855 | 5,694 | 1,992 |
| **95°** | **24,000** | **18,678** | **5,322** | **2,111** |
| 100° | 23,330 | 18,413 | 4,916 | 2,244 |
| 105° | 22,659 | 18,148 | 4,511 | 2,376 |
| 110° | 22,047 | 18,223 | 3,824 | 2,532 |
| 115° | 21,435 | 18,298 | 3,137 | 2,688 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **23,144** | **18,253** | **4,891** | **2,113** |

| DX17VSS301AA / CA*EA2422*4A* + DM96VC0803BNA*<br>Design Subcooling @ AHRI 95 °F Conditions, 9-11 °F<br>- Boost Mode | | | | |
|---|---|---|---|---|
| **Outdoor Temp. °F** | **Total BTU/h** | **Sensible BTU/h** | **Latent BTU/h** | **Total Watts** |
| 75° | 32,168 | 23,863 | 8,306 | 2,200 |
| 80° | 31,770 | 23,975 | 7,795 | 2,339 |
| 85° | 31,371 | 24,087 | 7,284 | 2,479 |
| 90° | 30,685 | 23,863 | 6,822 | 2,629 |
| **95°** | **30,000** | **23,640** | **6,360** | **2,780** |
| 100° | 29,162 | 23,304 | 5,857 | 2,949 |
| 105° | 28,324 | 22,969 | 5,355 | 3,117 |
| 110° | 27,559 | 23,064 | 4,495 | 3,315 |
| 115° | 26,794 | 23,159 | 3,635 | 3,512 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **28,930** | **23,102** | **5,828** | **2,783** |

| DX17VSS361AA/ CA*EA3026*4A* + D*96VC1005CNA*<br>Design Subcooling @ AHRI 95 °F Conditions, 9-11 °F<br>- Boost Mode | | | | |
|---|---|---|---|---|
| **Outdoor Temp. °F** | **Total BTU/h** | **Sensible BTU/h** | **Latent BTU/h** | **Total Watts** |
| 75° | 38,602 | 28,883 | 9,719 | 3,016 |
| 80° | 38,123 | 29,019 | 9,105 | 3,215 |
| 85° | 37,645 | 29,154 | 8,491 | 3,414 |
| 90° | 36,823 | 28,884 | 7,939 | 3,630 |
| **95°** | **36,000** | **28,613** | **7,386** | **3,845** |
| 100° | 34,994 | 28,207 | 6,787 | 4,086 |
| 105° | 33,989 | 27,801 | 6,187 | 4,326 |
| 110° | 30,022 | 26,722 | 3,299 | 4,190 |
| 115° | 26,055 | 25,643 | 411 | 4,054 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **34,716** | **27,962** | **6,754** | **3,849** |

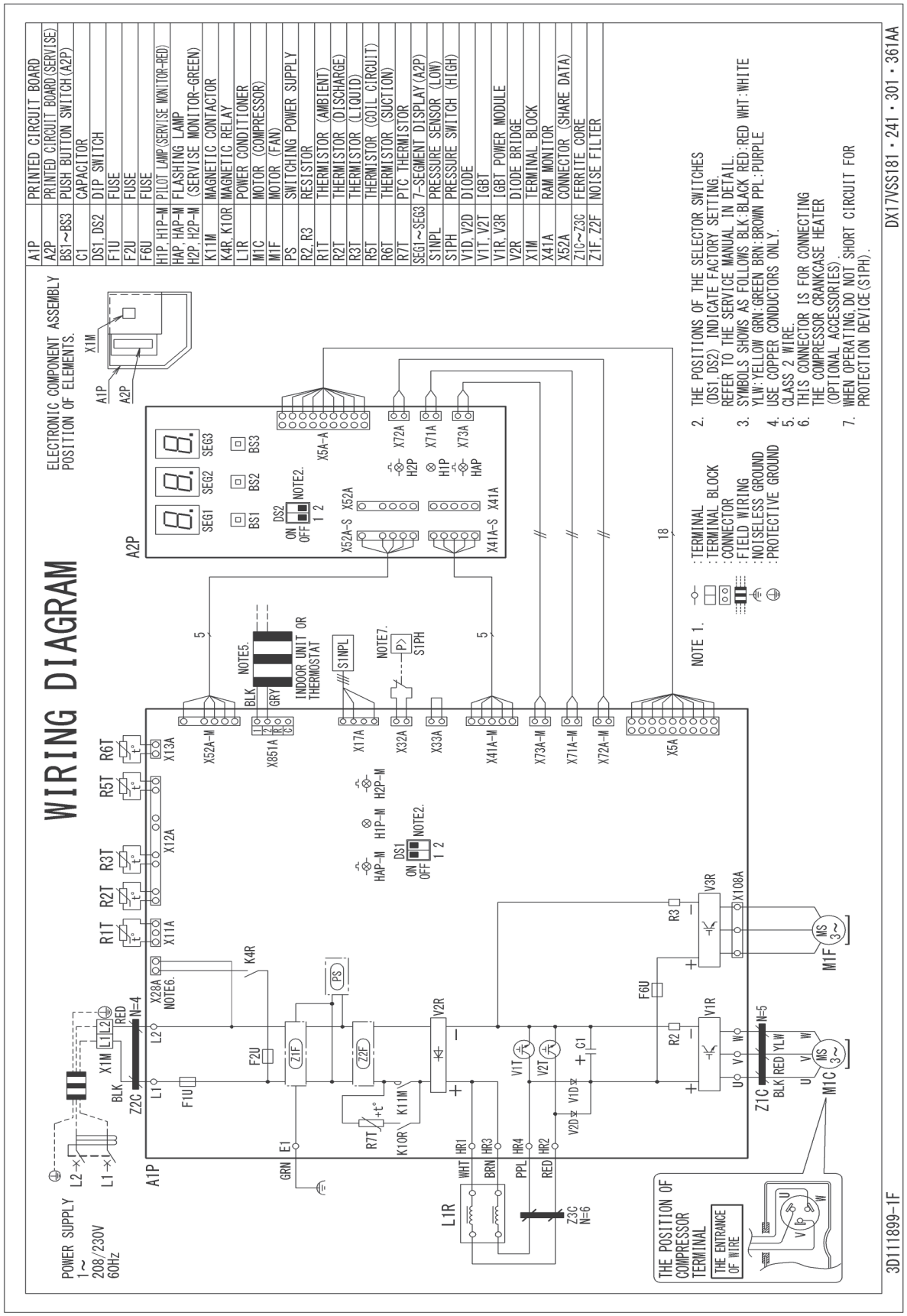
| DX17VSS421AA / CA*E4860*4A* + D*96VC1005CNA* Design Subcooling @ AHRI 95 °F Conditions, 7-9 °F - Boost Mode | | | | |
|---|---|---|---|---|
| **Outdoor Temp. °F** | **Total BTU/h** | **Sensible BTU/h** | **Latent BTU/h** | **Total Watts** |
| 75° | 45,035 | 31,343 | 13,692 | 3,642 |
| 80° | 44,477 | 31,490 | 12,987 | 3,881 |
| 85° | 43,919 | 31,638 | 12,282 | 4,119 |
| 90° | 42,960 | 31,344 | 11,616 | 4,378 |
| **95°** | **42,000** | **31,050** | **10,949** | **4,636** |
| 100° | 40,827 | 30,610 | 10,217 | 4,925 |
| 105° | 39,654 | 30,169 | 9,484 | 5,214 |
| 110° | 34,899 | 30,156 | 4,742 | 5,032 |
| 115° | 30,143 | 30,143 | 0 | 4,851 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **40,502** | **30,344** | **10,158** | **4,641** |

| DX17VSS481AA / CA*E4860*4A* + D*96VC1005CNA* Design Subcooling @ AHRI 95 °F Conditions, 8-10 °F - Boost Mode | | | | |
|---|---|---|---|---|
| **Outdoor Temp. °F** | **Total BTU/h** | **Sensible BTU/h** | **Latent BTU/h** | **Total Watts** |
| 75° | 51,469 | 34,263 | 17,206 | 4,492 |
| 80° | 50,831 | 34,424 | 16,407 | 4,793 |
| 85° | 50,194 | 34,585 | 15,608 | 5,095 |
| 90° | 49,097 | 34,264 | 14,832 | 5,422 |
| **95°** | **48,000** | **33,943** | **14,056** | **5,748** |
| 100° | 44,733 | 33,022 | 11,711 | 5,865 |
| 105° | 41,465 | 32,101 | 9,365 | 5,982 |
| 110° | 35,890 | 31,207 | 4,682 | 5,678 |
| 115° | 30,314 | 30,314 | 0 | 5,374 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **46,288** | **33,171** | **13,117** | **5,755** |

| DX17VSS601AA / CA*E4961*4A* + D*96VC1205DNA* Design Subcooling @ AHRI 95 °F Conditions, 7-9 °F - Boost Mode | | | | |
|---|---|---|---|---|
| **Outdoor Temp. °F** | **Total BTU/h** | **Sensible BTU/h** | **Latent BTU/h** | **Total Watts** |
| 75° | 61,119 | 40,687 | 20,432 | 5,327 |
| 80° | 60,362 | 40,879 | 19,484 | 5,687 |
| 85° | 59,605 | 41,070 | 18,535 | 6,047 |
| 90° | 58,302 | 40,689 | 17,614 | 6,437 |
| **95°** | **57,000** | **40,308** | **16,692** | **6,827** |
| 100° | 53,040 | 39,278 | 13,762 | 6,956 |
| 105° | 49,080 | 38,248 | 10,832 | 7,085 |
| 110° | 43,097 | 37,681 | 5,416 | 6,820 |
| 115° | 37,113 | 37,113 | 0 | 6,555 |
| **TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB** | | | | |
| **95°** | **54,967** | **39,391** | **15,576** | **6,835** |

| Tonnage | Speed | Total Unit Sound Rating (dBA) | Octave Band Spectrum Frequency (Hz) Analysis (dB) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| 1.5-ton | Minimum | 55 | 41.9 | 46.4 | 50.3 | 49.9 | 41.0 | 37.3 | 45.4 |
| | Intermediate | 58 | 44.1 | 46.4 | 50.7 | 55.6 | 42.8 | 39.5 | 47.1 |
| | Maximum | 66 | 51.6 | 60.5 | 61.2 | 59.4 | 55.1 | 48.2 | 50.8 |
| 2-ton | Minimum | 55 | 41.9 | 46.4 | 50.3 | 49.9 | 41.0 | 37.3 | 45.4 |
| | Intermediate | 59 | 52.4 | 48.4 | 54.3 | 52.5 | 46.0 | 41.6 | 46.5 |
| | Maximum | 67 | 57.1 | 60.2 | 62.3 | 60.7 | 55.9 | 50.5 | 47.2 |
| 2.5-ton | Minimum | 57 | 46.4 | 48.8 | 53.3 | 50.9 | 45.8 | 37.3 | 26.4 |
| | Intermediate | 60 | 54.7 | 52.3 | 55.1 | 51.3 | 47.1 | 43.9 | 33.4 |
| | Maximum | 68 | 56.4 | 60.0 | 62.9 | 63.1 | 58.2 | 53.3 | 44.7 |
| 3-ton | Minimum | 57 | 46.4 | 48.8 | 53.3 | 50.9 | 45.8 | 37.3 | 26.4 |
| | Intermediate | 60 | 54.7 | 52.9 | 54.6 | 51.3 | 48.0 | 43.6 | 33.9 |
| | Maximum | 68 | 55.8 | 60.7 | 62.8 | 62.6 | 58.6 | 53.8 | 44.4 |
| 3.5-ton | Minimum | 61 | 49.2 | 52.7 | 54.3 | 54.4 | 55.5 | 49.3 | 38.4 |
| | Intermediate | 65 | 51.0 | 56.1 | 59.6 | 60.1 | 56.6 | 53.7 | 42.0 |
| | Maximum | 72 | 58.1 | 64.4 | 65.0 | 67.8 | 63.4 | 60.5 | 47.9 |
| 4-ton | Minimum | 61 | 49.2 | 52.7 | 54.3 | 54.4 | 55.5 | 49.3 | 38.4 |
| | Intermediate | 65 | 51.8 | 55.3 | 59.4 | 60.2 | 56.7 | 54.4 | 41.8 |
| | Maximum | 72 | 57.3 | 62.8 | 65.1 | 68.0 | 64.5 | 60.0 | 48.6 |
| 5-ton | Minimum | 61 | 50.7 | 55.7 | 54.7 | 55.4 | 49.5 | 44.2 | 39.4 |
| | Intermediate | 66 | 53.6 | 61.6 | 59.4 | 59.8 | 55.4 | 49.7 | 44.4 |
| | Maximum | 74 | 61.7 | 66.1 | 66.9 | 69.7 | 66.0 | 60.0 | 53.4 |

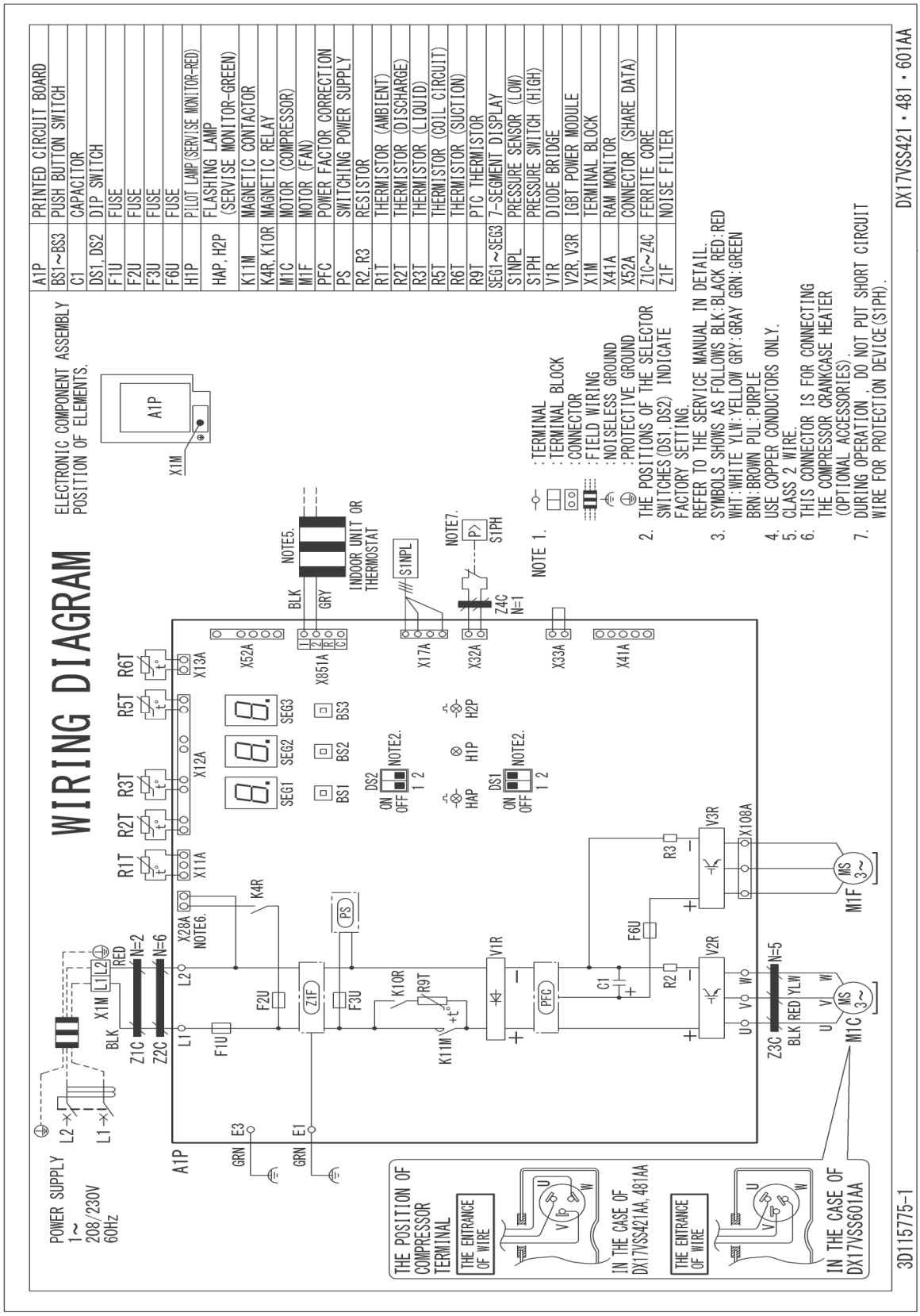
***All AHRI system ratings are accessible in the Unitary Matchup Tool via Daikin City or in the Daikin System Configurator tool via PartnerLink.***




**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.

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***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.

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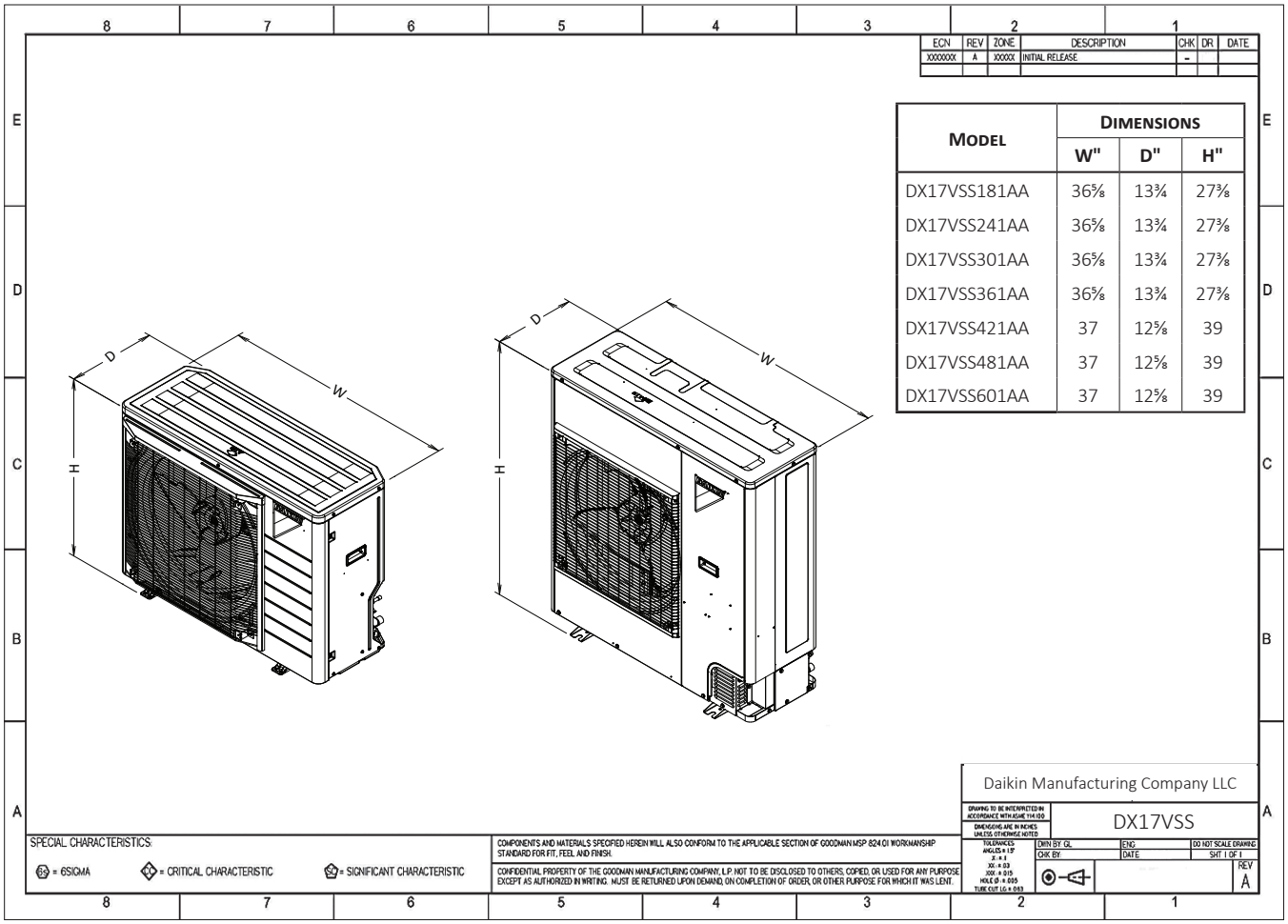


| Model | Dimensions | | |
|---|---|---|---|
| | W" | D" | H" |
| DX17VSS181AA | 36⅝ | 13¾ | 27⅜ |
| DX17VSS241AA | 36⅝ | 13¾ | 27⅜ |
| DX17VSS301AA | 36⅝ | 13¾ | 27⅜ |
| DX17VSS361AA | 36⅝ | 13¾ | 27⅜ |
| DX17VSS421AA | 37 | 12⅝ | 39 |
| DX17VSS481AA | 37 | 12⅝ | 39 |
| DX17VSS601AA | 37 | 12⅝ | 39 |

## ACCESSORIES

| Model | Description | DX17VSS 0181AA | DX17VSS 0241AA | DX17VSS 0301AA | DX17VSS 0361AA | DX17VSS 0421AA | DX17VSS 0481AA | DX17VSS 0601AA |
|---|---|---|---|---|---|---|---|---|
| KPW5E112 | Air direction adjustment grille | X | X | X | X | X | X | X |
| 130-DK-006 | Hail Guard | X | X | X | X | | | |
| 130-DK-008 | Hail Guard | | | | | X | X | X |

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