

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

**ENERGY-EFFICIENT
SPLIT SYSTEM AIR CONDITIONER
UP TO 14 SEER & 12 EER**



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Standard Features

- Energy-efficient compressor
- Quiet condenser fan system
- Factory-installed liquid line filter drier
- Copper tube/aluminum fin coil
- Fully charged for 15' of refrigerant line
- Brass liquid and suction service valves with sweat connections
- Ground lug connection
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge galvanized-steel cabinet with louvered sound control top
- Steel louver coil guard
- Attractive Powder-paint finish with 500-hour salt-spray approval
- 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.goodmanmfg.com/gmc. To receive the 1-Year Unit Replacement Limited Warranty, 7-Year Compressor Limited Warranty (good for as long as you own your home) and 7-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

| | V | S | X | 13 | 036 | 1 | AA | |
|-------------------------|--------------------------|---|---|-----|-------|---|---|--|
| | 1 | 2 | 3 | 4,5 | 6,7,8 | 9 | 10,11 | |
| Brand | V GMC® Brand | | | | | | Engineering * | |
| | | | | | | | Major & Minor revisions | |
| | | | | | | | * Not used for inventory control. | |
| Product Category | S Split System | | | | | | Electrical | |
| | | | | | | | 1- 208/230 V, 1 Phase, 60 Hz | |
| Unit Type | X Condenser R-410A | | | | | | Nominal Capacity | |
| | Z Heat Pump R-410A | | | | | | 018- 1½ tons 036- 3 tons 060 5 Tons | |
| | | | | | | | 024- 2 tons 042 3½ Tons 061 5 Tons | |
| | | | | | | | (high capacity) | |
| | | | | | | | 030- 2½ tons 048 4 Tons | |
| Efficiency | 13 13 SEER 16 16 SEER | | | | | | | |
| | 14 14 SEER 18 18 SEER | | | | | | | |

| | VSX13 0181E* | VSX13 0241F* | VSX13 0301L* | VSX13 0361E* |
|---|-----------------|-----------------|-----------------|-------------------|
| CAPACITIES | | | | |
| Nominal Cooling (BTU/h) | 18,000 | 24,000 | 30,000 | 36,000 |
| SEER / EER | 13 / 11 | 13 / 11 | 13 / 11 | 13 / 11 |
| Decibels | 75 | 75 | 74 | 74 |
| COMPRESSOR | | | | |
| RLA | 6.7 | 7.7 | 10.5 | 14.1 |
| LRA | 41 | 38 | 47 | 77 |
| CONDENSER FAN MOTOR | | | | |
| Horsepower | 1/8 | 1/8 | 1/8 | 1/4 |
| FLA | 0.7 | 0.65 | 0.7 | 1.2 |
| REFRIGERATION SYSTEM | | | | |
| Refrigerant Line Size ¹ | | | | |
| Liquid Line Size ("O.D.) | 3/8" | 3/8" | 3/8" | 3/8" |
| Suction Line Size ("O.D.) | 3/4" | 3/4" | 3/4" | 7/8" |
| Refrigerant Connection Size | | | | |
| Liquid Valve Size ("O.D.) | 3/8" | 3/8" | 3/8" | 3/8" |
| Suction Valve Size ("O.D.) ^{4 5} | 3/4" | 3/4" | 3/4" | 3/4" ⁴ |
| Valve Type | Sweat | Sweat | Sweat | Sweat |
| Refrigerant Charge | 58 | 63 | 68 | 62 |
| Shipped with Orifice Size | 0.051 | 0.057 | 0.067 | 0.070 |
| ELECTRICAL DATA | | | | |
| Voltage-Phase (60 Hz) | 208/230-1 | 208/230-60 | 208/230-60 | 208/230-1 |
| Minimum Circuit Ampacity ² | 9.1 | 10.3 | 13.8 | 18.8 |
| Max. Overcurrent Protection ³ | 15 amps | 15 amps | 20 | 30 amps |
| Min / Max Volts | 197/253 | 197/253 | 197/253 | 197/253 |
| Electrical Conduit Size | 1/2" or 3/4" | 1/2" or 3/4" | 1/2" or 3/4" | 1/2" or 3/4" |
| EQUIPMENT WEIGHT (LBS) | | | | |
| | 102 | 103 | 138 | 118 |
| SHIP WEIGHT (LBS) | | | | |
| | 117 | 119 | 153 | 135 |

¹ Line sizes denoted for 25' line sets, tested and rated in accordance with AHRI Standard 210/240.

For other line-set lengths or sizes, refer to the installation & Operating instructions and/or the long line-set guidelines.

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

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

⁴ Installer will need to supply 3/4" to 7/8" adapters for suction line connections.

⁵ Installer will need to supply 3/8" to 1 1/8" adapters for suction line connections.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

| | VSX13 0421A* | VSX13 0481A* | VSX13 0601B* | VSX13 0611A* |
|---|-------------------|-------------------|-------------------|-----------------|
| CAPACITIES | | | | |
| Nominal Cooling (BTU/h) | 42,000 | 48,000 | 60,000 | 60,000 |
| SEER / EER | 13 / 11 | 13 / 11 | 13 / 11 | 13/11 |
| Decibels | 75 | 76 | 77 | 77 |
| COMPRESSOR | | | | |
| RLA | 17.9 | 19.9 | 25.0 | 26.4 |
| LRA | 112 | 109 | 134 | 134 |
| CONDENSER FAN MOTOR | | | | |
| Horsepower | 1/4 | 1/4 | 1/4 | 1/4 |
| FLA | 1.26 | 1.26 | 1.26 | 1.3 |
| REFRIGERATION SYSTEM | | | | |
| Refrigerant Line Size ¹ | | | | |
| Liquid Line Size ("O.D.) | 3/8" | 3/8" | 3/8" | 3/8" |
| Suction Line Size ("O.D.) | 1 1/8" | 1 1/8" | 1 1/8" | 7/8" |
| Refrigerant Connection Size | | | | |
| Liquid Valve Size ("O.D.) | 3/8" | 3/8" | 3/8" | 3/8" |
| Suction Valve Size ("O.D.) ^{4 5} | 7/8" ⁵ | 7/8" ⁵ | 7/8" ⁵ | 3/4" |
| Valve Type | Sweat | Sweat | Sweat | Sweat |
| Refrigerant Charge | 80 | 91 | 94 | 111 |
| Shipped with Orifice Size | 0.076 | 0.080 | 0.086 | 0.086 |
| ELECTRICAL DATA | | | | |
| Voltage-Phase (60 Hz) | 208/230-1 | 208/230-1 | 208/230-1 | 208/230-1 |
| Minimum Circuit Ampacity ² | 23.6 | 26.1 | 32.5 | 34.3 |
| Max. Overcurrent Protection ³ | 40 amps | 45 amps | 50 amps | 60 amps |
| Min / Max Volts | 197/253 | 197/253 | 197/253 | 197/253 |
| Electrical Conduit Size | 1/2" or 3/4" | 1/2" or 3/4" | 1/2" or 3/4" | 1/2" or 3/4" |
| EQUIPMENT WEIGHT (LBS) | | | | |
| | 171 | 175 | 184 | 211 |
| SHIP WEIGHT (LBS) | | | | |
| | 189 | 193 | 202 | 233 |

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

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

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

⁴ Installer will need to supply 3/8" to 7/8" adapters for suction line connections.

⁵ Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

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

EXPANDED COOLING DATA — VSX130181E* / CAPF1824B6DB (CONT.)

| IDB | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | |
|------------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------------------------------------|------|------|------|-------|------|------|------|-------|------|------|------|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | MBh | 16.2 | 16.5 | 17.7 | 18.9 | 15.8 | 16.1 | 17.3 | 18.4 | 15.4 | 15.8 | 16.8 | 18.0 | 15.0 | 15.4 | 16.4 | 17.6 | 14.3 | 14.6 | 15.6 | 16.7 | 13.2 | 13.5 | 14.5 | 15.5 |
| | S/T | 0.88 | 0.82 | 0.67 | 0.50 | 0.91 | 0.85 | 0.69 | 0.52 | 0.93 | 0.87 | 0.71 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 1.00 | 0.94 | 0.76 | 0.57 | 1.01 | 0.94 | 0.77 | 0.57 |
| | ΔT | 24.8 | 23.8 | 20.7 | 16.5 | 25.2 | 24.1 | 21.0 | 16.7 | 25.2 | 24.1 | 21.0 | 16.8 | 25.4 | 24.3 | 21.1 | 16.9 | 25.0 | 24.0 | 20.8 | 16.6 | 23.4 | 22.4 | 19.5 | 15.5 |
| | KW | 1.04 | 1.06 | 1.10 | 1.14 | 1.13 | 1.15 | 1.19 | 1.23 | 1.20 | 1.23 | 1.27 | 1.32 | 1.27 | 1.30 | 1.35 | 1.39 | 1.33 | 1.36 | 1.41 | 1.46 | 1.38 | 1.41 | 1.46 | 1.51 |
| | Amps | 4.3 | 4.4 | 4.6 | 4.8 | 4.7 | 4.8 | 5.0 | 5.2 | 5.1 | 5.2 | 5.4 | 5.6 | 5.5 | 5.6 | 5.8 | 6.0 | 5.8 | 6.0 | 6.2 | 6.4 | 6.2 | 6.3 | 6.5 | 6.8 |
| | Hi/PR | 207 | 223 | 235 | 246 | 232 | 250 | 264 | 276 | 264 | 285 | 300 | 313 | 301 | 324 | 342 | 357 | 339 | 365 | 385 | 402 | 374 | 403 | 425 | 444 |
| Lo/PR | 105 | 111 | 121 | 129 | 110 | 118 | 128 | 137 | 115 | 122 | 133 | 142 | 121 | 128 | 140 | 149 | 126 | 134 | 147 | 156 | 131 | 139 | 152 | 162 | |
| 600 | MBh | 17.0 | 17.4 | 18.6 | 19.8 | 16.6 | 17.0 | 18.1 | 19.4 | 16.2 | 16.6 | 17.7 | 18.9 | 15.8 | 16.2 | 17.3 | 18.5 | 15.0 | 15.4 | 16.4 | 17.5 | 13.9 | 14.2 | 15.2 | 16.2 |
| | S/T | 0.89 | 0.84 | 0.68 | 0.51 | 0.92 | 0.87 | 0.70 | 0.53 | 0.95 | 0.89 | 0.72 | 0.54 | 0.98 | 0.92 | 0.75 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 0.96 | 0.78 | 0.58 |
| | ΔT | 23.2 | 22.2 | 19.3 | 15.5 | 23.5 | 22.5 | 19.6 | 15.6 | 23.5 | 22.5 | 19.6 | 15.7 | 23.7 | 22.7 | 19.7 | 15.8 | 23.0 | 22.4 | 19.5 | 15.5 | 21.3 | 20.9 | 18.2 | 14.5 |
| | KW | 1.05 | 1.08 | 1.11 | 1.15 | 1.14 | 1.17 | 1.21 | 1.25 | 1.22 | 1.25 | 1.29 | 1.33 | 1.28 | 1.32 | 1.36 | 1.41 | 1.34 | 1.38 | 1.42 | 1.48 | 1.39 | 1.43 | 1.48 | 1.53 |
| | Amps | 4.4 | 4.5 | 4.7 | 4.8 | 4.8 | 4.9 | 5.0 | 5.2 | 5.2 | 5.3 | 5.5 | 5.7 | 5.5 | 5.7 | 5.9 | 6.1 | 5.9 | 6.0 | 6.2 | 6.5 | 6.2 | 6.4 | 6.6 | 6.9 |
| | Hi/PR | 210 | 226 | 239 | 249 | 236 | 254 | 268 | 279 | 268 | 288 | 304 | 318 | 305 | 328 | 347 | 362 | 343 | 369 | 390 | 407 | 379 | 408 | 431 | 450 |
| Lo/PR | 106 | 113 | 123 | 131 | 112 | 119 | 130 | 138 | 116 | 124 | 135 | 144 | 122 | 130 | 142 | 151 | 128 | 136 | 149 | 158 | 132 | 141 | 154 | 164 | |
| 650 | MBh | 17.5 | 17.9 | 19.1 | 20.5 | 17.1 | 17.5 | 18.7 | 20.0 | 16.7 | 17.1 | 18.2 | 19.5 | 16.3 | 16.7 | 17.8 | 19.0 | 15.5 | 15.8 | 16.9 | 18.1 | 14.3 | 14.7 | 15.7 | 16.7 |
| | S/T | 0.91 | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.95 | 0.79 | 0.59 | 1.00 | 0.96 | 0.80 | 0.60 |
| | ΔT | 22.5 | 21.6 | 18.8 | 15.0 | 22.8 | 21.9 | 19.0 | 15.2 | 22.8 | 21.9 | 19.0 | 15.2 | 23.1 | 22.0 | 19.2 | 15.3 | 21.9 | 22.4 | 18.9 | 15.1 | 20.3 | 20.7 | 17.7 | 14.1 |
| | KW | 1.07 | 1.09 | 1.13 | 1.17 | 1.16 | 1.18 | 1.22 | 1.27 | 1.24 | 1.26 | 1.31 | 1.36 | 1.30 | 1.34 | 1.38 | 1.43 | 1.36 | 1.40 | 1.45 | 1.50 | 1.42 | 1.45 | 1.50 | 1.55 |
| | Amps | 4.5 | 4.6 | 4.7 | 4.9 | 4.8 | 4.9 | 5.1 | 5.3 | 5.2 | 5.4 | 5.6 | 5.8 | 5.6 | 5.8 | 5.9 | 6.2 | 6.0 | 6.1 | 6.3 | 6.6 | 6.3 | 6.5 | 6.7 | 7.0 |
| | Hi/PR | 214 | 230 | 243 | 253 | 240 | 258 | 272 | 284 | 273 | 293 | 310 | 323 | 310 | 334 | 353 | 368 | 349 | 376 | 397 | 414 | 386 | 415 | 439 | 457 |
| Lo/PR | 108 | 115 | 125 | 133 | 114 | 121 | 132 | 141 | 118 | 126 | 137 | 146 | 124 | 132 | 144 | 154 | 130 | 139 | 151 | 161 | 135 | 143 | 157 | 167 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 525 | MBh | 16.5 | 16.8 | 17.6 | 18.7 | 16.1 | 16.4 | 17.2 | 18.3 | 15.7 | 16.0 | 16.8 | 17.9 | 15.3 | 15.6 | 16.3 | 17.4 | 14.5 | 14.8 | 15.5 | 16.6 | 13.5 | 13.7 | 14.4 | 15.3 |
| | S/T | 0.92 | 0.89 | 0.80 | 0.65 | 0.95 | 0.92 | 0.83 | 0.67 | 0.98 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.92 | 0.75 |
| | ΔT | 26.5 | 26.1 | 24.6 | 21.3 | 26.8 | 26.4 | 24.9 | 21.6 | 26.9 | 26.4 | 25.0 | 21.6 | 26.8 | 26.6 | 25.1 | 21.8 | 25.5 | 26.0 | 24.8 | 21.5 | 23.6 | 24.1 | 23.2 | 20.0 |
| | KW | 1.05 | 1.07 | 1.11 | 1.15 | 1.14 | 1.16 | 1.20 | 1.24 | 1.21 | 1.24 | 1.28 | 1.33 | 1.28 | 1.31 | 1.36 | 1.41 | 1.34 | 1.37 | 1.42 | 1.47 | 1.39 | 1.42 | 1.47 | 1.53 |
| | Amps | 4.4 | 4.5 | 4.6 | 4.8 | 4.7 | 4.9 | 5.0 | 5.2 | 5.2 | 5.3 | 5.5 | 5.7 | 5.5 | 5.6 | 5.8 | 6.1 | 5.9 | 6.0 | 6.2 | 6.4 | 6.2 | 6.4 | 6.6 | 6.8 |
| | Hi/PR | 209 | 225 | 238 | 248 | 235 | 253 | 267 | 278 | 267 | 287 | 303 | 317 | 304 | 327 | 346 | 361 | 342 | 368 | 389 | 406 | 378 | 407 | 430 | 448 |
| Lo/PR | 106 | 112 | 123 | 131 | 112 | 119 | 130 | 138 | 116 | 123 | 135 | 143 | 122 | 130 | 141 | 151 | 128 | 136 | 148 | 158 | 132 | 140 | 153 | 163 | |
| 600 | MBh | 17.3 | 17.6 | 18.5 | 19.7 | 16.9 | 17.2 | 18.0 | 19.2 | 16.5 | 16.8 | 17.6 | 18.8 | 16.1 | 16.4 | 17.2 | 18.3 | 15.3 | 15.6 | 16.3 | 17.4 | 14.2 | 14.4 | 15.1 | 16.1 |
| | S/T | 0.93 | 0.90 | 0.81 | 0.66 | 0.97 | 0.93 | 0.84 | 0.68 | 0.99 | 0.96 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.93 | 0.75 | 1.00 | 1.00 | 0.93 | 0.76 |
| | ΔT | 24.8 | 24.3 | 23.0 | 19.9 | 25.1 | 24.6 | 23.3 | 20.2 | 25.1 | 24.7 | 23.3 | 20.2 | 24.7 | 24.8 | 23.5 | 20.3 | 23.4 | 23.9 | 23.2 | 20.0 | 21.7 | 22.1 | 21.6 | 18.7 |
| | KW | 1.06 | 1.08 | 1.12 | 1.16 | 1.15 | 1.18 | 1.22 | 1.26 | 1.23 | 1.26 | 1.30 | 1.35 | 1.30 | 1.33 | 1.37 | 1.42 | 1.36 | 1.39 | 1.44 | 1.49 | 1.41 | 1.44 | 1.49 | 1.54 |
| | Amps | 4.4 | 4.5 | 4.7 | 4.9 | 4.8 | 4.9 | 5.1 | 5.3 | 5.2 | 5.3 | 5.5 | 5.7 | 5.6 | 5.7 | 5.9 | 6.1 | 5.9 | 6.1 | 6.3 | 6.5 | 6.3 | 6.4 | 6.7 | 6.9 |
| | Hi/PR | 212 | 228 | 241 | 251 | 238 | 256 | 270 | 282 | 271 | 291 | 308 | 321 | 308 | 332 | 350 | 365 | 347 | 373 | 394 | 411 | 383 | 412 | 435 | 454 |
| Lo/PR | 107 | 114 | 124 | 132 | 113 | 120 | 131 | 140 | 118 | 125 | 136 | 145 | 123 | 131 | 143 | 153 | 129 | 138 | 150 | 160 | 134 | 142 | 155 | 166 | |
| 650 | MBh | 17.8 | 18.2 | 19.0 | 20.3 | 17.4 | 17.8 | 18.6 | 19.8 | 17.0 | 17.3 | 18.2 | 19.4 | 16.6 | 16.9 | 17.7 | 18.9 | 15.8 | 16.1 | 16.8 | 18.0 | 14.6 | 14.9 | 15.6 | 16.6 |
| | S/T | 0.95 | 0.92 | 0.83 | 0.67 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.88 | 0.72 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.95 | 0.77 |
| | ΔT | 24.1 | 23.7 | 22.4 | 19.4 | 24.3 | 23.9 | 22.6 | 19.6 | 24.1 | 24.0 | 22.7 | 19.6 | 23.5 | 23.9 | 22.8 | 19.7 | 22.3 | 22.7 | 22.5 | 19.5 | 20.6 | 21.0 | 21.0 | 18.2 |
| | KW | 1.08 | 1.10 | 1.14 | 1.18 | 1.17 | 1.19 | 1.23 | 1.28 | 1.25 | 1.28 | 1.32 | 1.37 | 1.32 | 1.35 | 1.40 | 1.45 | 1.38 | 1.41 | 1.46 | 1.51 | 1.43 | 1.46 | 1.51 | 1.57 |
| | Amps | 4.5 | 4.6 | 4.8 | 4.9 | 4.9 | 5.0 | 5.2 | 5.4 | 5.3 | 5.4 | 5.6 | 5.8 | 5.7 | 5.8 | 6.0 | 6.2 | 6.0 | 6.2 | 6.4 | 6.6 | 6.4 | 6.6 | 6.8 | 7.0 |
| | Hi/PR | 216 | 232 | 245 | 256 | 242 | 261 | 275 | 287 | 275 | 296 | 313 | 326 | 314 | 337 | 356 | 372 | 353 | 380 | 401 | 418 | 390 | 419 | 443 | 462 |
| Lo/PR | 109 | 116 | 126 | 135 | 115 | 122 | 134 | 142 | 120 | 127 | 139 | 148 | 126 | 134 | 146 | 155 | 132 | 140 | 153 | 163 | 136 | 145 | 158 | 168 | |

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

| IDB | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | 115°F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 65°F | | | | | | 75°F | | | | | | 85°F | | | | | | 95°F | | | | | | 105°F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | AIRFLOW | 23.4 | 23.7 | 24.4 | - | 23.2 | 23.5 | 24.2 | - | 22.6 | 22.9 | 23.6 | - | 21.5 | 21.9 | 22.6 | - | 20.2 | 20.6 | 21.3 | - | 19.1 | 19.4 | 20.1 | - | 20.2 | 20.6 | 21.3 | - | 19.1 | 19.4 | 20.1 | - | 20.2 | 20.6 | 21.3 | - | 19.1 | 19.4 | 20.1 | - | 20.2 | 20.6 | 21.3 | - | 19.1 | 19.4 | 20.1 | - | | | | | | | | | | | | |
| | Mb/h | 0.60 | 0.52 | 0.39 | - | 0.60 | 0.53 | 0.40 | - | 0.63 | 0.55 | 0.42 | - | 0.65 | 0.57 | 0.44 | - | 1.00 | 0.60 | 0.46 | - | 1.00 | 0.65 | 0.51 | - | 1.00 | 0.60 | 0.46 | - | 1.00 | 0.65 | 0.51 | - | 1.00 | 0.60 | 0.46 | - | 1.00 | 0.65 | 0.51 | - | 1.00 | 0.60 | 0.46 | - | 1.00 | 0.65 | 0.51 | - | | | | | | | | | | | | |
| | S/T | 19 | 18 | 14 | - | 19 | 18 | 14 | - | 20 | 18 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 20 | 18 | 15 | - | 19 | 17 | 14 | - | 20 | 18 | 15 | - | 19 | 17 | 14 | - | 20 | 18 | 15 | - | 19 | 17 | 14 | - | 20 | 18 | 15 | - | | | | | | | | | | | | |
| | ΔT | 1.51 | 1.51 | 1.51 | - | 1.69 | 1.69 | 1.69 | - | 1.89 | 1.89 | 1.88 | - | 2.10 | 2.10 | 2.10 | - | 2.34 | 2.34 | 2.34 | - | 2.62 | 2.62 | 2.62 | - | 2.34 | 2.34 | 2.34 | - | 2.62 | 2.62 | 2.62 | - | 2.34 | 2.34 | 2.34 | - | 2.62 | 2.62 | 2.62 | - | 2.34 | 2.34 | 2.34 | - | 2.62 | 2.62 | 2.62 | - | | | | | | | | | | | | |
| | kW | 5.6 | 5.6 | 5.6 | - | 6.4 | 6.4 | 6.4 | - | 7.3 | 7.3 | 7.3 | - | 8.3 | 8.3 | 8.3 | - | 9.4 | 9.4 | 9.4 | - | 10.7 | 10.7 | 10.6 | - | 9.4 | 9.4 | 9.4 | - | 10.7 | 10.7 | 10.6 | - | 9.4 | 9.4 | 9.4 | - | 10.7 | 10.7 | 10.6 | - | 9.4 | 9.4 | 9.4 | - | 10.7 | 10.7 | 10.6 | - | | | | | | | | | | | | |
| | Amps | 263 | 264 | 266 | - | 304 | 305 | 307 | - | 348 | 349 | 351 | - | 394 | 395 | 397 | - | 445 | 446 | 448 | - | 499 | 500 | 502 | - | 445 | 446 | 448 | - | 499 | 500 | 502 | - | 445 | 446 | 448 | - | 499 | 500 | 502 | - | 445 | 446 | 448 | - | 499 | 500 | 502 | - | | | | | | | | | | | | |
| | Hi PR | 123 | 125 | 128 | - | 131 | 132 | 135 | - | 137 | 139 | 142 | - | 143 | 144 | 147 | - | 148 | 150 | 153 | - | 155 | 156 | 160 | - | 143 | 144 | 147 | - | 155 | 156 | 160 | - | 143 | 144 | 147 | - | 155 | 156 | 160 | - | 143 | 144 | 147 | - | 155 | 156 | 160 | - | | | | | | | | | | | | |
| | Lo PR | 23.7 | 24.0 | 24.7 | - | 23.5 | 23.8 | 24.5 | - | 22.9 | 23.2 | 23.9 | - | 21.8 | 22.2 | 22.9 | - | 20.6 | 20.9 | 21.6 | - | 19.4 | 19.7 | 20.4 | - | 21.8 | 22.2 | 22.9 | - | 19.4 | 19.7 | 20.4 | - | 21.8 | 22.2 | 22.9 | - | 19.4 | 19.7 | 20.4 | - | 21.8 | 22.2 | 22.9 | - | 19.4 | 19.7 | 20.4 | - | | | | | | | | | | | | |
| | Mb/h | 0.66 | 0.58 | 0.45 | - | 0.66 | 0.59 | 0.45 | - | 0.69 | 0.61 | 0.48 | - | 1.00 | 0.63 | 0.50 | - | 1.00 | 0.65 | 0.52 | - | 1.00 | 0.71 | 0.57 | - | 1.00 | 0.63 | 0.50 | - | 1.00 | 0.71 | 0.57 | - | 1.00 | 0.65 | 0.52 | - | 1.00 | 0.71 | 0.57 | - | 1.00 | 0.65 | 0.52 | - | 1.00 | 0.71 | 0.57 | - | | | | | | | | | | | | |
| | S/T | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 17 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 19 | 17 | 14 | - | 18 | 16 | 13 | - | 19 | 17 | 14 | - | 18 | 16 | 13 | - | 19 | 17 | 14 | - | 18 | 16 | 13 | - | 19 | 17 | 14 | - | | | | | | | | | | | | |
| ΔT | 1.52 | 1.52 | 1.52 | - | 1.70 | 1.70 | 1.70 | - | 1.90 | 1.90 | 1.89 | - | 2.11 | 2.11 | 2.11 | - | 2.35 | 2.35 | 2.35 | - | 2.63 | 2.63 | 2.63 | - | 1.90 | 1.90 | 1.89 | - | 2.35 | 2.35 | 2.35 | - | 1.90 | 1.90 | 1.89 | - | 2.35 | 2.35 | 2.35 | - | 1.90 | 1.90 | 1.89 | - | 2.35 | 2.35 | 2.35 | - | | | | | | | | | | | | | |
| kW | 5.6 | 5.6 | 5.6 | - | 6.4 | 6.4 | 6.4 | - | 7.3 | 7.3 | 7.3 | - | 8.3 | 8.3 | 8.3 | - | 9.4 | 9.4 | 9.4 | - | 10.7 | 10.7 | 10.7 | - | 7.3 | 7.3 | 7.3 | - | 9.4 | 9.4 | 9.4 | - | 7.3 | 7.3 | 7.3 | - | 9.4 | 9.4 | 9.4 | - | 7.3 | 7.3 | 7.3 | - | 9.4 | 9.4 | 9.4 | - | | | | | | | | | | | | | |
| Amps | 267 | 268 | 270 | - | 306 | 308 | 309 | - | 350 | 351 | 353 | - | 397 | 398 | 400 | - | 447 | 448 | 450 | - | 501 | 502 | 504 | - | 350 | 351 | 353 | - | 397 | 398 | 400 | - | 350 | 351 | 353 | - | 397 | 398 | 400 | - | 350 | 351 | 353 | - | 397 | 398 | 400 | - | | | | | | | | | | | | | |
| Hi PR | 125 | 126 | 130 | - | 132 | 134 | 137 | - | 139 | 140 | 144 | - | 144 | 146 | 149 | - | 150 | 151 | 155 | - | 157 | 158 | 161 | - | 139 | 140 | 144 | - | 150 | 151 | 155 | - | 139 | 140 | 144 | - | 150 | 151 | 155 | - | 139 | 140 | 144 | - | 150 | 151 | 155 | - | | | | | | | | | | | | | |
| Lo PR | 24.1 | 24.4 | 25.1 | - | 23.9 | 24.2 | 24.9 | - | 23.3 | 23.6 | 24.3 | - | 22.2 | 22.5 | 23.2 | - | 20.9 | 21.3 | 21.9 | - | 19.7 | 20.1 | 20.8 | - | 23.3 | 23.6 | 24.3 | - | 20.9 | 21.3 | 21.9 | - | 23.3 | 23.6 | 24.3 | - | 20.9 | 21.3 | 21.9 | - | 23.3 | 23.6 | 24.3 | - | 20.9 | 21.3 | 21.9 | - | | | | | | | | | | | | | |
| Mb/h | 0.69 | 0.62 | 0.48 | - | 0.70 | 0.62 | 0.49 | - | 0.72 | 0.65 | 0.51 | - | 1.00 | 0.67 | 0.53 | - | 1.00 | 0.69 | 0.55 | - | 1.00 | 0.74 | 0.61 | - | 0.72 | 0.65 | 0.51 | - | 1.00 | 0.69 | 0.55 | - | 0.72 | 0.65 | 0.51 | - | 1.00 | 0.69 | 0.55 | - | 0.72 | 0.65 | 0.51 | - | 1.00 | 0.69 | 0.55 | - | | | | | | | | | | | | | |
| S/T | 17 | 16 | 12 | - | 17 | 16 | 12 | - | 18 | 16 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 17 | 15 | 12 | - | 18 | 16 | 12 | - | 17 | 15 | 12 | - | 18 | 16 | 12 | - | 17 | 15 | 12 | - | | | | | | | | | | | | | |
| ΔT | 1.53 | 1.53 | 1.53 | - | 1.71 | 1.71 | 1.70 | - | 1.91 | 1.90 | 1.90 | - | 2.12 | 2.12 | 2.11 | - | 2.36 | 2.36 | 2.35 | - | 2.64 | 2.64 | 2.63 | - | 1.71 | 1.71 | 1.70 | - | 2.36 | 2.36 | 2.35 | - | 1.71 | 1.71 | 1.70 | - | 2.36 | 2.36 | 2.35 | - | 1.71 | 1.71 | 1.70 | - | 2.36 | 2.36 | 2.35 | - | | | | | | | | | | | | | |
| kW | 5.7 | 5.7 | 5.6 | - | 6.5 | 6.5 | 6.5 | - | 7.4 | 7.4 | 7.4 | - | 8.4 | 8.4 | 8.3 | - | 9.5 | 9.4 | 9.4 | - | 10.7 | 10.7 | 10.7 | - | 6.5 | 6.5 | 6.5 | - | 9.5 | 9.4 | 9.4 | - | 6.5 | 6.5 | 6.5 | - | 9.5 | 9.4 | 9.4 | - | 6.5 | 6.5 | 6.5 | - | 9.5 | 9.4 | 9.4 | - | | | | | | | | | | | | | |
| Amps | 267 | 268 | 270 | - | 309 | 310 | 312 | - | 352 | 353 | 355 | - | 399 | 400 | 402 | - | 449 | 450 | 452 | - | 503 | 504 | 506 | - | 352 | 353 | 355 | - | 399 | 400 | 402 | - | 352 | 353 | 355 | - | 399 | 400 | 402 | - | 352 | 353 | 355 | - | 399 | 400 | 402 | - | | | | | | | | | | | | | |
| Hi PR | 127 | 128 | 132 | - | 134 | 136 | 139 | - | 141 | 142 | 146 | - | 146 | 148 | 151 | - | 152 | 153 | 157 | - | 159 | 160 | 163 | - | 141 | 142 | 146 | - | 152 | 153 | 157 | - | 141 | 142 | 146 | - | 152 | 153 | 157 | - | 141 | 142 | 146 | - | 152 | 153 | 157 | - | | | | | | | | | | | | | |
| Lo PR | 23.4 | 23.7 | 24.4 | 25.5 | 23.2 | 23.5 | 24.2 | 25.3 | 22.6 | 22.9 | 23.6 | 24.7 | 21.5 | 21.9 | 22.6 | 23.6 | 20.3 | 20.6 | 21.3 | 22.4 | 19.1 | 19.4 | 20.1 | 21.2 | 22.6 | 22.9 | 23.6 | 24.7 | 20.3 | 20.6 | 21.3 | 22.4 | 22.6 | 22.9 | 23.6 | 24.7 | 20.3 | 20.6 | 21.3 | 22.4 | 22.6 | 22.9 | 23.6 | 24.7 | 20.3 | 20.6 | 21.3 | 22.4 | | | | | | | | | | | | | |
| Mb/h | 0.73 | 0.65 | 0.52 | 0.38 | 0.73 | 0.66 | 0.52 | 0.38 | 1.00 | 0.68 | 0.55 | 0.41 | 1.00 | 0.70 | 0.57 | 0.43 | 1.00 | 0.72 | 0.59 | 0.45 | 1.00 | 1.00 | 0.64 | 0.50 | 0.68 | 0.55 | 0.41 | 1.00 | 0.78 | 0.65 | 0.51 | 0.56 | 0.68 | 0.55 | 0.41 | 1.00 | 0.78 | 0.65 | 0.51 | 0.56 | 0.68 | 0.55 | 0.41 | 1.00 | 0.78 | 0.65 | 0.51 | 0.56 | | | | | | | | | | | | | |
| S/T | 23 | 21 | 18 | 15 | 23 | 21 | 18 | 15 | 23 | 21 | 18 | 15 | 23 | 21 | 18 | 15 | 23 | 21 | 18 | 14 | 24 | 22 | 19 | 16 | 21 | 18 | 15 | 14 | 22 | 20 | 17 | 13 | 23 | 21 | 18 | 14 | 21 | 18 | 15 | 14 | 22 | 20 | 17 | 13 | 23 | 21 | 18 | 14 | 21 | 18 | 15 | 14 | 22 | 20 | 17 | 13 | 23 | 21 | 18 | 14 | |
| ΔT | 1.51 | 1.51 | 1.51 | 1.52 | 1.69 | 1.69 | 1.69 | 1.70 | 1.89 | 1.89 | 1.88 | 1.90 | 2.10 | 2.10 | 2.10 | 2.11 | 2.34 | 2.34 | 2.34 | 2.35 | 2.62 | 2.62 | 2.62 | 2.63 | 1.69 | 1.69 | 1.69 | 1.70 | 2.34 | 2.34 | 2.34 | 2.36 | 2.63 | 2.63 | 2.63 | 2.64 | 1.69 | 1.69 | 1.69 | 1.70 | 2.34 | 2.34 | 2.34 | 2.36 | 2.63 | 2.63 | 2.63 | 2.64 | 1.69 | 1.69 | 1.69 | 1.70 | 2.34 | 2.34 | 2.34 | 2.36 | 2.63 | 2.63 | 2.63 | 2.64 | |
| kW | 5.6 | 5.6 | 5.6 | 5.6 | 6.4 | 6.4 | 6.4 | 6.4 | 7.3 | 7.3 | 7.3 | 7.3 | 8.3 | 8.3 | 8.3 | 8.3 | 9.4 | 9.4 | 9.4 | 9.4 | 10.7 | 10.6 | 10.7 | 10.7 | 6.4 | 6.4 | 6.4 | 6.5 | 9.4 | 9.4 | 9.4 | 9.5 | 10.7 | 10.7 | 10.7 | 10.7 | 6.4 | 6.4 | 6.4 | 6.5 | 9.4 | 9.4 | 9.4 | 9.5 | 10.7 | 10.7 | 10.7 | 10.7 | 6.4 | 6.4 | 6.4 | 6.5 | 9.4 | 9.4 | 9.4 | 9.5 | 10.7 | 10.7 | 10.7 | 10.7 | |
| Amps | 265 | 266 | 268 | 270 | 304 | 306 | 307 | 312 | 348 | 349 | 351 | 355 | 395 | 396 | 398 | 402 | 445 | 446 | 448 | 453 | 499 | 500 | 502 | 506 | 304 | 305 | 307 | 314 | 447 | 448 | 450 | 455 | 501 | 502 | 504 | 509 | 304 | 305 | 307 | 314 | 447 | 448 | 450 | 455 | 501 | 502 | 504 | 509 | 304 | 305 | 307 | 314 | 447 | 448 | 450 | 455 | 501 | 502 | 504 | 509 | |
| Hi PR | 125 | 126 | 130 | 135 | 132 | 134 | 137 | 142 | 137 | 139 | 142 | 147 | 143 | 144 | 147 | 153 | 148 | 150 | 153 | 158 | 155 | 156 | 160 | 165 | 132 | 134 | 137 | 142 | 150 | 151 | 155 | 160 | 157 | 158 | 161 | 167 | 132 | 134 | 137 | 142 | 150 | 151 | 155 | 160 | 157 | 158 | 161 | 167 | 132 | 134 | 137 | 142 | 150 | 151 | 155 | 160 | 157 | 158 | 161 | 167 | |
| Lo PR | 24.1 | 24.4 | 25.1 | 26.2 | 23.9 | 24.2 | 24.9 | 26.0 | 23.3 | 23.6 | 24.3 | 25.4 | 21.8 | 22.2 | 22.9 | 23.9 | 20.6 | 20.9 | 21.6 | 22.7 | 19.4 | 19.7 | 20.4 | 21.5 | 24.1 | 24.4 | 25.1 | 26.0 | 22.2 | 22.5 | 23.2 | 24.3 | 20.9 | 21.3 | 22.0 | 23.0 | 19.8 | 20.1 | 20.8 | 21.9 | 24.1 | 24.4 | 25.1 | 26.0 | 22.2 | 22.5 | 23.2 | 24.3 | 20.9 | 21.3 | 22.0 | 23.0 | 19.8 | 20.1 | 20.8 | 21.9 | 24.1 | 24.4 | 25.1 | 26.0 | 22.2 |

EXPANDED COOLING DATA — VSX130241F*+CA*FA2422*6A*+EEP (CONT.)

| IDB | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | MBh | 23.5 | 23.9 | 24.6 | 25.6 | 23.3 | 23.7 | 24.4 | 25.4 | 22.7 | 23.0 | 23.7 | 24.8 | 21.7 | 22.0 | 22.7 | 23.8 | 20.4 | 20.7 | 21.4 | 22.5 | 19.2 | 19.5 | 20.2 | 21.3 |
| | S/T | 1.00 | 0.77 | 0.64 | 0.50 | 1.00 | 0.78 | 0.65 | 0.51 | 1.00 | 0.81 | 0.67 | 0.53 | 1.00 | 0.82 | 0.69 | 0.55 | 1.00 | 1.00 | 0.71 | 0.57 | 1.00 | 1.00 | 0.76 | 0.62 |
| | ΔT | 27 | 25 | 22 | 19 | 27 | 25 | 22 | 19 | 27 | 26 | 22 | 19 | 27 | 25 | 22 | 19 | 27 | 25 | 22 | 18 | 28 | 26 | 23 | 19 |
| | kW | 1.51 | 1.51 | 1.51 | 1.52 | 1.69 | 1.69 | 1.69 | 1.70 | 1.89 | 1.89 | 1.88 | 1.90 | 2.10 | 2.10 | 2.10 | 2.11 | 2.34 | 2.34 | 2.34 | 2.35 | 2.62 | 2.62 | 2.62 | 2.63 |
| | Amps | 5.6 | 5.6 | 5.6 | 5.6 | 6.4 | 6.4 | 6.4 | 6.4 | 7.3 | 7.3 | 7.3 | 7.3 | 8.3 | 8.3 | 8.3 | 8.3 | 9.4 | 9.4 | 9.4 | 9.4 | 10.7 | 10.7 | 10.6 | 10.7 |
| | Hi PR | 263 | 265 | 266 | 271 | 305 | 306 | 308 | 312 | 348 | 349 | 351 | 356 | 395 | 396 | 398 | 403 | 445 | 447 | 448 | 453 | 499 | 500 | 502 | 507 |
| | Lo PR | 125 | 125 | 128 | 134 | 131 | 133 | 136 | 141 | 138 | 139 | 142 | 148 | 143 | 145 | 148 | 153 | 149 | 150 | 153 | 159 | 155 | 157 | 160 | 165 |
| | MBh | 23.8 | 24.2 | 24.9 | 25.9 | 23.6 | 24.0 | 24.7 | 25.7 | 23.0 | 23.4 | 24.1 | 25.1 | 22.0 | 22.3 | 23.0 | 24.1 | 20.7 | 21.0 | 21.7 | 22.8 | 19.5 | 19.8 | 20.5 | 21.6 |
| | S/T | 1.00 | 0.83 | 0.70 | 0.56 | 1.00 | 0.84 | 0.71 | 0.57 | 1.00 | 0.86 | 0.73 | 0.59 | 1.00 | 1.00 | 0.75 | 0.61 | 1.00 | 1.00 | 0.77 | 0.63 | 1.00 | 1.00 | 0.82 | 0.68 |
| | 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 | 1.52 | 1.52 | 1.52 | 1.53 | 1.70 | 1.70 | 1.70 | 1.71 | 1.90 | 1.90 | 1.89 | 1.91 | 2.11 | 2.11 | 2.11 | 2.12 | 2.35 | 2.35 | 2.35 | 2.36 | 2.63 | 2.63 | 2.63 | 2.64 | |
| Amps | 5.6 | 5.6 | 5.6 | 5.7 | 6.4 | 6.4 | 6.4 | 6.5 | 7.3 | 7.3 | 7.3 | 7.4 | 8.3 | 8.3 | 8.3 | 8.4 | 9.4 | 9.4 | 9.4 | 9.5 | 10.7 | 10.7 | 10.7 | 10.7 | |
| Hi PR | 266 | 267 | 269 | 273 | 307 | 308 | 310 | 315 | 351 | 352 | 353 | 358 | 397 | 398 | 400 | 405 | 448 | 449 | 451 | 455 | 501 | 503 | 504 | 509 | |
| Lo PR | 125 | 127 | 130 | 135 | 133 | 134 | 138 | 143 | 139 | 141 | 144 | 149 | 145 | 147 | 150 | 155 | 150 | 152 | 155 | 160 | 157 | 159 | 162 | 167 | |
| MBh | 24.2 | 24.5 | 25.2 | 26.3 | 24.0 | 24.3 | 25.0 | 26.1 | 23.4 | 23.7 | 24.4 | 25.5 | 22.3 | 22.7 | 23.4 | 24.4 | 21.1 | 21.4 | 22.1 | 23.2 | 19.9 | 20.2 | 20.9 | 22.0 | |
| 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 | 1.00 | 0.78 | 0.64 | 1.00 | 1.00 | 0.81 | 0.66 | 1.00 | 1.00 | 0.86 | 0.72 | |
| 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 | 1.53 | 1.53 | 1.53 | 1.54 | 1.71 | 1.71 | 1.70 | 1.72 | 1.91 | 1.90 | 1.90 | 1.91 | 2.12 | 2.12 | 2.11 | 2.13 | 2.36 | 2.36 | 2.35 | 2.37 | 2.64 | 2.64 | 2.63 | 2.65 | |
| Amps | 5.7 | 5.7 | 5.6 | 5.7 | 6.5 | 6.5 | 6.5 | 6.5 | 7.4 | 7.4 | 7.4 | 7.4 | 8.4 | 8.4 | 8.3 | 8.4 | 9.5 | 9.4 | 9.4 | 9.5 | 10.7 | 10.7 | 10.7 | 10.8 | |
| Hi PR | 268 | 269 | 271 | 275 | 309 | 310 | 312 | 317 | 353 | 354 | 356 | 360 | 399 | 401 | 402 | 407 | 450 | 451 | 453 | 457 | 504 | 505 | 507 | 511 | |
| Lo PR | 127 | 129 | 132 | 137 | 135 | 136 | 140 | 145 | 141 | 143 | 146 | 151 | 147 | 149 | 152 | 157 | 152 | 154 | 157 | 162 | 159 | 161 | 164 | 169 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85 | MBh | 23.9 | 24.3 | 25.0 | 26.0 | 23.7 | 24.1 | 24.7 | 25.8 | 23.1 | 23.4 | 24.1 | 25.2 | 22.1 | 22.4 | 23.1 | 24.2 | 20.8 | 21.1 | 21.8 | 22.9 | 19.6 | 19.9 | 20.6 | 21.7 |
| | S/T | 1.00 | 0.87 | 0.74 | 0.60 | 1.00 | 0.88 | 0.75 | 0.61 | 1.00 | 1.00 | 0.77 | 0.63 | 1.00 | 1.00 | 0.79 | 0.65 | 1.00 | 1.00 | 0.81 | 0.67 | 1.00 | 1.00 | 1.00 | 0.72 |
| | 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 | 1.52 | 1.52 | 1.51 | 1.53 | 1.69 | 1.69 | 1.69 | 1.70 | 1.89 | 1.89 | 1.89 | 1.90 | 2.11 | 2.10 | 2.10 | 2.11 | 2.34 | 2.34 | 2.34 | 2.35 | 2.62 | 2.62 | 2.62 | 2.63 |
| | Amps | 5.6 | 5.6 | 5.6 | 5.6 | 6.4 | 6.4 | 6.4 | 6.5 | 7.3 | 7.3 | 7.3 | 7.4 | 8.3 | 8.3 | 8.3 | 8.3 | 9.4 | 9.4 | 9.4 | 9.4 | 10.7 | 10.7 | 10.7 | 10.7 |
| | Hi PR | 265 | 266 | 268 | 272 | 306 | 307 | 309 | 314 | 350 | 351 | 353 | 357 | 396 | 397 | 399 | 404 | 447 | 448 | 450 | 454 | 500 | 502 | 503 | 508 |
| | Lo PR | 125 | 127 | 130 | 135 | 133 | 134 | 138 | 143 | 140 | 141 | 144 | 149 | 145 | 147 | 150 | 155 | 150 | 152 | 155 | 160 | 157 | 159 | 162 | 167 |
| | MBh | 24.2 | 24.6 | 25.3 | 26.3 | 24.0 | 24.4 | 25.1 | 26.1 | 23.4 | 23.7 | 24.4 | 25.5 | 22.4 | 22.7 | 23.4 | 24.5 | 21.1 | 21.4 | 22.1 | 23.2 | 19.9 | 20.2 | 20.9 | 22.0 |
| | S/T | 1.00 | 0.93 | 0.80 | 0.66 | 1.00 | 1.00 | 0.81 | 0.67 | 1.00 | 1.00 | 0.83 | 0.69 | 1.00 | 1.00 | 0.85 | 0.71 | 1.00 | 1.00 | 0.87 | 0.73 | 1.00 | 1.00 | 1.00 | 0.78 |
| | 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 | 1.53 | 1.52 | 1.52 | 1.54 | 1.70 | 1.70 | 1.70 | 1.71 | 1.90 | 1.90 | 1.90 | 1.91 | 2.11 | 2.11 | 2.11 | 2.12 | 2.35 | 2.35 | 2.35 | 2.36 | 2.63 | 2.63 | 2.63 | 2.64 | |
| Amps | 5.6 | 5.6 | 5.6 | 5.7 | 6.5 | 6.5 | 6.4 | 6.5 | 7.4 | 7.4 | 7.3 | 7.4 | 8.3 | 8.3 | 8.3 | 8.4 | 9.4 | 9.4 | 9.4 | 9.5 | 10.7 | 10.7 | 10.7 | 10.8 | |
| Hi PR | 267 | 268 | 270 | 274 | 308 | 309 | 311 | 316 | 352 | 353 | 355 | 359 | 399 | 400 | 401 | 406 | 449 | 450 | 452 | 456 | 503 | 504 | 506 | 510 | |
| Lo PR | 127 | 129 | 132 | 137 | 135 | 136 | 139 | 145 | 141 | 143 | 146 | 151 | 147 | 148 | 152 | 157 | 152 | 154 | 157 | 162 | 159 | 161 | 164 | 169 | |
| MBh | 24.6 | 24.9 | 25.6 | 26.7 | 24.4 | 24.7 | 25.4 | 26.5 | 23.8 | 24.1 | 24.8 | 25.9 | 22.7 | 23.1 | 23.8 | 24.8 | 21.4 | 21.8 | 22.5 | 23.5 | 20.3 | 20.6 | 21.3 | 22.4 | |
| S/T | 1.00 | 0.97 | 0.83 | 0.69 | 1.00 | 1.00 | 0.84 | 0.70 | 1.00 | 1.00 | 0.86 | 0.72 | 1.00 | 1.00 | 0.88 | 0.74 | 1.00 | 1.00 | 1.00 | 0.76 | 1.00 | 1.00 | 1.00 | 0.82 | |
| 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 | 1.53 | 1.53 | 1.53 | 1.54 | 1.71 | 1.71 | 1.71 | 1.72 | 1.91 | 1.91 | 1.90 | 1.92 | 2.12 | 2.12 | 2.12 | 2.13 | 2.36 | 2.36 | 2.36 | 2.37 | 2.64 | 2.64 | 2.64 | 2.65 | |
| Amps | 5.7 | 5.7 | 5.7 | 5.7 | 6.5 | 6.5 | 6.5 | 6.5 | 7.4 | 7.4 | 7.4 | 7.4 | 8.4 | 8.4 | 8.4 | 8.4 | 9.5 | 9.5 | 9.5 | 9.5 | 10.8 | 10.7 | 10.7 | 10.8 | |
| Hi PR | 269 | 270 | 272 | 277 | 310 | 312 | 313 | 318 | 354 | 355 | 357 | 361 | 401 | 402 | 404 | 408 | 451 | 452 | 454 | 459 | 505 | 506 | 508 | 512 | |
| Lo PR | 129 | 131 | 134 | 139 | 137 | 138 | 141 | 147 | 143 | 145 | 148 | 153 | 149 | 150 | 154 | 159 | 154 | 156 | 159 | 164 | 161 | 163 | 166 | 171 | |

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

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

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

EXPANDED COOLING DATA — VSX130301L* / CA*F3030*6D*+EEP (CONT.)

| IDB | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | |
|-----------|-----------------------------|------|------|-------|-------|------|------|------|------|------|------|-------|--------------------------------------|------|------|------|-------|------|------|-------|-------|------|------|------|------|
| | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | | |
| | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | |
| 80 | MBh | 25.8 | 26.4 | 28.2 | 30.1 | 25.2 | 25.8 | 27.5 | 29.4 | 24.6 | 25.1 | 26.9 | 28.7 | 24.0 | 24.5 | 26.2 | 28.0 | 22.8 | 23.3 | 24.9 | 26.6 | 21.1 | 21.6 | 23.1 | 24.7 |
| | S/T | 0.89 | 0.84 | 0.68 | 0.5 | 0.93 | 0.87 | 0.71 | 0.53 | 0.95 | 0.89 | 0.73 | 0.5 | 0.98 | 0.92 | 0.75 | 0.56 | 1.02 | 0.96 | 0.78 | 0.6 | 1.03 | 0.96 | 0.78 | 0.59 |
| | ΔT | 24 | 23 | 20 | 16 | 25 | 24 | 20 | 16 | 25 | 24 | 20 | 16 | 25 | 24 | 21 | 16 | 24 | 23 | 20 | 16 | 23 | 22 | 19 | 15 |
| | KW | 1.63 | 1.67 | 1.73 | 1.8 | 1.77 | 1.82 | 1.88 | 1.95 | 1.90 | 1.95 | 2.02 | 2.1 | 2.01 | 2.06 | 2.14 | 2.21 | 2.11 | 2.16 | 2.24 | 2.3 | 2.19 | 2.24 | 2.32 | 2.41 |
| | Amps | 6.8 | 6.9 | 7.2 | 7.5 | 7.4 | 7.6 | 7.8 | 8.1 | 8.1 | 8.3 | 8.6 | 8.9 | 8.7 | 8.9 | 9.2 | 9.6 | 9.2 | 9.5 | 9.8 | 10.2 | 9.8 | 10.1 | 10.5 | 10.9 |
| | Hi PR | 213 | 229 | 242 | 252.3 | 239 | 257 | 271 | 283 | 272 | 292 | 309 | 322.0 | 309 | 333 | 352 | 367 | 348 | 375 | 396 | 412.5 | 385 | 414 | 437 | 456 |
| | Lo PR | 105 | 112 | 122 | 129.7 | 111 | 118 | 129 | 137 | 115 | 123 | 134 | 142.4 | 121 | 129 | 140 | 150 | 127 | 135 | 147 | 156.8 | 131 | 139 | 152 | 162 |
| | MBh | 28.0 | 28.6 | 30.5 | 32.6 | 27.3 | 27.9 | 29.8 | 31.9 | 26.7 | 27.2 | 29.1 | 31.1 | 26.0 | 26.6 | 28.4 | 30.4 | 24.7 | 25.3 | 27.0 | 28.8 | 22.9 | 23.4 | 25.0 | 26.7 |
| | S/T | 0.93 | 0.87 | 0.71 | 0.5 | 0.96 | 0.90 | 0.73 | 0.55 | 0.99 | 0.92 | 0.75 | 0.6 | 1.00 | 0.95 | 0.78 | 0.58 | 1.00 | 0.99 | 0.81 | 0.6 | 1.00 | 1.00 | 0.81 | 0.61 |
| | ΔT | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 22 | 22 | 19 | 15 | 20 | 20 | 18 | 14 |
| KW | 1.68 | 1.72 | 1.78 | 1.8 | 1.82 | 1.87 | 1.94 | 2.01 | 1.95 | 2.00 | 2.07 | 2.2 | 2.07 | 2.12 | 2.20 | 2.28 | 2.17 | 2.22 | 2.30 | 2.4 | 2.25 | 2.31 | 2.39 | 2.48 | |
| Amps | 7.0 | 7.2 | 7.4 | 7.7 | 7.6 | 7.8 | 8.1 | 8.4 | 8.3 | 8.5 | 8.8 | 9.2 | 8.9 | 9.1 | 9.5 | 9.9 | 9.5 | 9.8 | 10.1 | 10.5 | 10.1 | 10.4 | 10.8 | 11.2 | |
| Hi PR | 219 | 236 | 249 | 260.1 | 246 | 265 | 280 | 292 | 280 | 301 | 318 | 331.9 | 319 | 343 | 362 | 378 | 359 | 386 | 408 | 425.3 | 396 | 427 | 451 | 470 | |
| Lo PR | 108 | 115 | 126 | 133.7 | 114 | 122 | 133 | 141 | 119 | 126 | 138 | 146.8 | 125 | 133 | 145 | 154 | 131 | 139 | 152 | 161.6 | 135 | 144 | 157 | 167 | |
| MBh | 28.2 | 28.9 | 30.8 | 33.0 | 27.6 | 28.2 | 30.1 | 32.2 | 26.9 | 27.5 | 29.4 | 31.4 | 26.3 | 26.8 | 28.7 | 30.7 | 25.0 | 25.5 | 27.2 | 29.1 | 23.1 | 23.6 | 25.2 | 27.0 | |
| S/T | 0.95 | 0.89 | 0.72 | 0.5 | 0.98 | 0.92 | 0.75 | 0.56 | 1.00 | 0.94 | 0.77 | 0.6 | 1.00 | 0.97 | 0.79 | 0.59 | 1.00 | 1.00 | 0.82 | 0.6 | 1.00 | 1.00 | 0.83 | 0.62 | |
| ΔT | 22 | 21 | 18 | 15 | 22 | 21 | 18 | 15 | 22 | 21 | 18 | 15 | 21 | 21 | 19 | 15 | 20 | 21 | 18 | 15 | 19 | 19 | 17 | 14 | |
| KW | 1.68 | 1.72 | 1.78 | 1.8 | 1.83 | 1.87 | 1.94 | 2.01 | 1.96 | 2.01 | 2.08 | 2.2 | 2.07 | 2.13 | 2.20 | 2.28 | 2.17 | 2.23 | 2.31 | 2.4 | 2.26 | 2.31 | 2.40 | 2.49 | |
| Amps | 7.0 | 7.2 | 7.4 | 7.7 | 7.6 | 7.8 | 8.1 | 8.4 | 8.3 | 8.5 | 8.8 | 9.2 | 8.9 | 9.2 | 9.5 | 9.9 | 9.6 | 9.8 | 10.2 | 10.6 | 10.2 | 10.4 | 10.8 | 11.2 | |
| Hi PR | 220 | 237 | 250 | 260.9 | 247 | 266 | 281 | 293 | 281 | 302 | 319 | 332.9 | 320 | 344 | 364 | 379 | 360 | 387 | 409 | 426.6 | 398 | 428 | 452 | 471 | |
| Lo PR | 108 | 115 | 126 | 134.1 | 115 | 122 | 133 | 142 | 119 | 127 | 138 | 147.3 | 125 | 133 | 145 | 155 | 131 | 139 | 152 | 162.1 | 136 | 144 | 157 | 168 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85 | MBh | 26.3 | 26.8 | 28.0 | 29.9 | 25.7 | 26.1 | 27.4 | 29.2 | 25.0 | 25.5 | 26.7 | 28.5 | 24.4 | 24.9 | 26.1 | 27.8 | 23.2 | 23.7 | 24.8 | 26.4 | 21.5 | 21.9 | 23.0 | 24.5 |
| | S/T | 0.94 | 0.90 | 0.82 | 0.66 | 0.97 | 0.94 | 0.85 | 0.69 | 1.00 | 0.96 | 0.87 | 0.70 | 1.00 | 0.99 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.75 | 1.00 | 1.00 | 0.94 | 0.76 |
| | ΔT | 26 | 25 | 24 | 21 | 26 | 26 | 24 | 21 | 26 | 26 | 24 | 21 | 26 | 26 | 25 | 21 | 24 | 25 | 24 | 21 | 23 | 23 | 23 | 20 |
| | KW | 1.65 | 1.69 | 1.75 | 1.81 | 1.79 | 1.83 | 1.90 | 1.97 | 1.92 | 1.96 | 2.04 | 2.11 | 2.03 | 2.08 | 2.16 | 2.24 | 2.13 | 2.18 | 2.26 | 2.34 | 2.21 | 2.26 | 2.35 | 2.43 |
| | Amps | 6.8 | 7.0 | 7.3 | 7.6 | 7.4 | 7.6 | 7.9 | 8.2 | 8.1 | 8.3 | 8.6 | 9.0 | 8.7 | 9.0 | 9.3 | 9.7 | 9.3 | 9.6 | 9.9 | 10.3 | 9.9 | 10.2 | 10.6 | 11.0 |
| | Hi PR | 215 | 231 | 244 | 255 | 241 | 260 | 274 | 286 | 274 | 295 | 312 | 325 | 312 | 336 | 355 | 370 | 352 | 378 | 399 | 417 | 388 | 418 | 441 | 460 |
| | Lo PR | 106 | 113 | 123 | 131 | 112 | 119 | 130 | 138 | 116 | 124 | 135 | 144 | 122 | 130 | 142 | 151 | 128 | 136 | 149 | 158 | 132 | 141 | 154 | 164 |
| | MBh | 28.5 | 29.0 | 30.4 | 32.4 | 27.8 | 28.3 | 29.7 | 31.7 | 27.1 | 27.7 | 29.0 | 30.9 | 26.5 | 27.0 | 28.3 | 30.1 | 25.1 | 25.6 | 26.8 | 28.6 | 23.3 | 23.7 | 24.9 | 26.5 |
| | S/T | 0.97 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.88 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.75 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 0.97 | 0.79 |
| | ΔT | 24 | 24 | 23 | 19 | 24 | 24 | 23 | 20 | 24 | 24 | 23 | 20 | 23 | 24 | 23 | 20 | 22 | 22 | 23 | 20 | 20 | 21 | 21 | 18 |
| KW | 1.69 | 1.73 | 1.80 | 1.86 | 1.84 | 1.89 | 1.95 | 2.03 | 1.97 | 2.02 | 2.09 | 2.17 | 2.09 | 2.14 | 2.22 | 2.30 | 2.19 | 2.24 | 2.32 | 2.41 | 2.27 | 2.33 | 2.41 | 2.50 | |
| Amps | 7.0 | 7.2 | 7.5 | 7.8 | 7.7 | 7.9 | 8.1 | 8.5 | 8.4 | 8.6 | 8.9 | 9.3 | 9.0 | 9.2 | 9.6 | 10.0 | 9.6 | 9.9 | 10.2 | 10.6 | 10.2 | 10.5 | 10.9 | 11.3 | |
| Hi PR | 222 | 239 | 252 | 263 | 249 | 268 | 283 | 295 | 283 | 304 | 321 | 335 | 322 | 347 | 366 | 382 | 362 | 390 | 412 | 430 | 400 | 431 | 455 | 475 | |
| Lo PR | 109 | 116 | 127 | 135 | 115 | 123 | 134 | 143 | 120 | 128 | 139 | 148 | 126 | 134 | 146 | 156 | 132 | 140 | 153 | 163 | 137 | 145 | 159 | 169 | |
| MBh | 28.7 | 29.3 | 30.7 | 32.7 | 28.1 | 28.6 | 30.0 | 32.0 | 27.4 | 27.9 | 29.3 | 31.2 | 26.7 | 27.3 | 28.5 | 30.4 | 25.4 | 25.9 | 27.1 | 28.9 | 23.5 | 24.0 | 25.1 | 26.8 | |
| S/T | 0.99 | 0.96 | 0.86 | 0.70 | 1.00 | 0.99 | 0.90 | 0.73 | 1.00 | 1.00 | 0.92 | 0.74 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.98 | 0.80 | 1.00 | 1.00 | 0.99 | 0.80 | |
| ΔT | 23 | 23 | 22 | 19 | 23 | 23 | 22 | 19 | 22 | 23 | 22 | 19 | 22 | 22 | 22 | 19 | 21 | 21 | 22 | 19 | 19 | 20 | 20 | 18 | |
| KW | 1.70 | 1.74 | 1.80 | 1.87 | 1.85 | 1.89 | 1.96 | 2.03 | 1.98 | 2.03 | 2.10 | 2.18 | 2.09 | 2.15 | 2.22 | 2.31 | 2.19 | 2.25 | 2.33 | 2.42 | 2.28 | 2.33 | 2.42 | 2.51 | |
| Amps | 7.1 | 7.2 | 7.5 | 7.8 | 7.7 | 7.9 | 8.2 | 8.5 | 8.4 | 8.6 | 8.9 | 9.3 | 9.0 | 9.3 | 9.6 | 10.0 | 9.7 | 9.9 | 10.3 | 10.7 | 10.3 | 10.5 | 10.9 | 11.4 | |
| Hi PR | 222 | 239 | 253 | 263 | 249 | 268 | 283 | 296 | 284 | 305 | 322 | 336 | 323 | 348 | 367 | 383 | 364 | 391 | 413 | 431 | 402 | 432 | 456 | 476 | |
| Lo PR | 110 | 117 | 127 | 135 | 116 | 123 | 134 | 143 | 120 | 128 | 140 | 149 | 126 | 134 | 147 | 156 | 132 | 141 | 154 | 164 | 137 | 146 | 159 | 169 | |

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI (TVA) conditions
 kW = Total system power
 Amps = outdoor unit amps (comp.+fan)

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

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions
 kW = Total system power
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
 Amps = outdoor unit amps (comp.+fan)

| IDB | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---------|--------------------------------------|------|-------|-------|------|------|------|------|------|------|-------|-------|------|------|------|------|------|------|-------|-------|------|------|------|------|
| | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| | | ENTERING INDOOR DRY BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | AIRFLOW | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| | MBh | 34.1 | 34.8 | 37.2 | 39.8 | 33.3 | 34.0 | 36.3 | 38.8 | 32.5 | 33.2 | 35.5 | 37.9 | 31.7 | 32.4 | 34.6 | 37.0 | 30.1 | 30.8 | 32.9 | 35.1 | 27.9 | 28.5 | 30.5 | 32.6 |
| | S/T | 0.96 | 0.90 | 0.74 | 0.6 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.96 | 0.78 | 0.6 | 1.00 | 1.00 | 0.81 | 0.60 | 1.00 | 1.00 | 0.84 | 0.6 | 1.00 | 1.00 | 0.84 | 0.63 |
| | Δ T | 22 | 21 | 19 | 15 | 23 | 22 | 19 | 15 | 22 | 22 | 19 | 15 | 22 | 22 | 19 | 15 | 21 | 21 | 19 | 15 | 19 | 19 | 18 | 14 |
| | KW | 2.48 | 2.52 | 2.59 | 2.7 | 2.64 | 2.69 | 2.77 | 2.85 | 2.79 | 2.85 | 2.93 | 3.0 | 2.92 | 2.98 | 3.07 | 3.16 | 3.03 | 3.09 | 3.19 | 3.3 | 3.13 | 3.19 | 3.29 | 3.39 |
| | Amps | 9.8 | 10.0 | 10.1 | 10.3 | 10.2 | 10.4 | 10.6 | 10.8 | 10.7 | 10.9 | 11.1 | 11.3 | 11.1 | 11.3 | 11.5 | 11.8 | 11.5 | 11.7 | 12.0 | 12.2 | 12.0 | 12.1 | 12.4 | 12.7 |
| | Hi PR | 187 | 201 | 212 | 221.5 | 210 | 226 | 238 | 249 | 238 | 257 | 271 | 282.7 | 272 | 292 | 309 | 322 | 306 | 329 | 347 | 362.2 | 338 | 363 | 384 | 400 |
| | Lo PR | 97 | 103 | 113 | 120.0 | 103 | 109 | 119 | 127 | 107 | 113 | 124 | 131.8 | 112 | 119 | 130 | 138 | 117 | 125 | 136 | 145.1 | 121 | 129 | 141 | 150 |
| | MBh | 33.1 | 33.8 | 36.1 | 38.6 | 32.3 | 33.0 | 35.3 | 37.7 | 31.5 | 32.2 | 34.4 | 36.8 | 30.8 | 31.4 | 33.6 | 35.9 | 29.2 | 29.9 | 31.9 | 34.1 | 27.1 | 27.7 | 29.6 | 31.6 |
| | S/T | 0.92 | 0.86 | 0.70 | 0.5 | 0.95 | 0.89 | 0.73 | 0.54 | 0.98 | 0.92 | 0.75 | 0.6 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 0.98 | 0.80 | 0.6 | 1.00 | 0.99 | 0.81 | 0.60 |
| Δ T | 23 | 22 | 19 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 22 | 22 | 20 | 16 | 21 | 21 | 18 | 15 | |
| KW | 2.46 | 2.50 | 2.57 | 2.6 | 2.62 | 2.67 | 2.75 | 2.83 | 2.77 | 2.82 | 2.91 | 3.0 | 2.90 | 2.96 | 3.05 | 3.14 | 3.01 | 3.07 | 3.16 | 3.3 | 3.10 | 3.17 | 3.26 | 3.36 | |
| Amps | 9.8 | 9.9 | 10.1 | 10.3 | 10.2 | 10.3 | 10.5 | 10.7 | 10.7 | 10.8 | 11.0 | 11.3 | 11.1 | 11.2 | 11.5 | 11.7 | 11.5 | 11.7 | 11.9 | 12.2 | 11.9 | 12.1 | 12.3 | 12.6 | |
| Hi PR | 185 | 199 | 210 | 219.3 | 208 | 223 | 236 | 246 | 236 | 254 | 268 | 279.9 | 269 | 289 | 306 | 319 | 303 | 326 | 344 | 358.6 | 334 | 360 | 380 | 396 | |
| Lo PR | 96 | 102 | 112 | 118.8 | 102 | 108 | 118 | 126 | 105 | 112 | 123 | 130.5 | 111 | 118 | 129 | 137 | 116 | 124 | 135 | 143.6 | 120 | 128 | 140 | 149 | |
| MBh | 30.5 | 31.2 | 33.3 | 35.6 | 29.8 | 30.5 | 32.6 | 34.8 | 29.1 | 29.8 | 31.8 | 34.0 | 28.4 | 29.0 | 31.0 | 33.2 | 27.0 | 27.6 | 29.5 | 31.5 | 25.0 | 25.5 | 27.3 | 29.2 | |
| S/T | 0.89 | 0.83 | 0.68 | 0.5 | 0.92 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.5 | 0.97 | 0.91 | 0.74 | 0.55 | 1.01 | 0.95 | 0.77 | 0.6 | 1.02 | 0.95 | 0.78 | 0.58 | |
| Δ T | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 22 | 21 | 19 | 15 | |
| KW | 2.41 | 2.45 | 2.52 | 2.6 | 2.57 | 2.62 | 2.69 | 2.77 | 2.71 | 2.76 | 2.84 | 2.9 | 2.84 | 2.89 | 2.98 | 3.07 | 2.94 | 3.00 | 3.09 | 3.2 | 3.03 | 3.10 | 3.19 | 3.29 | |
| Amps | 9.7 | 9.8 | 9.9 | 10.1 | 10.0 | 10.2 | 10.4 | 10.6 | 10.5 | 10.6 | 10.8 | 11.1 | 10.9 | 11.1 | 11.3 | 11.5 | 11.3 | 11.5 | 11.7 | 11.9 | 11.7 | 11.9 | 12.1 | 12.4 | |
| Hi PR | 179 | 193 | 204 | 212.7 | 201 | 217 | 229 | 239 | 229 | 246 | 260 | 271.5 | 261 | 281 | 296 | 309 | 293 | 316 | 333 | 347.8 | 324 | 349 | 368 | 384 | |
| Lo PR | 93 | 99 | 108 | 115.3 | 98 | 105 | 114 | 122 | 102 | 109 | 119 | 126.6 | 107 | 114 | 125 | 133 | 113 | 120 | 131 | 139.3 | 117 | 124 | 135 | 144 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85 | MBh | 34.7 | 35.3 | 37.0 | 39.5 | 33.9 | 34.5 | 36.2 | 38.6 | 33.1 | 33.7 | 35.3 | 37.7 | 32.3 | 32.9 | 34.4 | 36.7 | 30.6 | 31.2 | 32.7 | 34.9 | 28.4 | 28.9 | 30.3 | 32.3 |
| | S/T | 1.00 | 0.98 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.97 | 0.78 | 1.00 | 1.00 | 1.00 | 0.81 | 1.00 | 1.00 | 1.00 | 0.82 |
| | Δ T | 24 | 23 | 22 | 19 | 23 | 24 | 22 | 19 | 23 | 23 | 22 | 19 | 22 | 22 | 23 | 20 | 24 | 23 | 23 | 20 | 21 | 22 | 22 | 19 |
| | KW | 2.49 | 2.54 | 2.61 | 2.68 | 2.66 | 2.71 | 2.79 | 2.87 | 2.81 | 2.87 | 2.95 | 3.04 | 2.94 | 3.00 | 3.09 | 3.19 | 3.06 | 3.12 | 3.21 | 3.31 | 3.15 | 3.22 | 3.31 | 3.42 |
| | Amps | 9.9 | 10.0 | 10.2 | 10.4 | 10.3 | 10.4 | 10.6 | 10.8 | 10.8 | 10.9 | 11.1 | 11.4 | 11.2 | 11.4 | 11.6 | 11.8 | 11.6 | 11.8 | 12.0 | 12.3 | 12.0 | 12.2 | 12.5 | 12.7 |
| | Hi PR | 189 | 203 | 214 | 224 | 212 | 228 | 241 | 251 | 241 | 259 | 274 | 285 | 274 | 295 | 312 | 325 | 309 | 332 | 351 | 366 | 341 | 367 | 387 | 404 |
| | Lo PR | 98 | 104 | 114 | 121 | 104 | 110 | 120 | 128 | 108 | 114 | 125 | 133 | 113 | 120 | 131 | 140 | 118 | 126 | 138 | 147 | 123 | 130 | 142 | 152 |
| | MBh | 33.7 | 34.3 | 35.9 | 38.3 | 32.9 | 33.5 | 35.1 | 37.5 | 32.1 | 32.7 | 34.3 | 36.6 | 31.3 | 31.9 | 33.4 | 35.7 | 29.7 | 30.3 | 31.8 | 33.9 | 27.6 | 28.1 | 29.4 | 31.4 |
| | S/T | 0.96 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 0.96 | 0.78 |
| | Δ T | 25 | 24 | 23 | 20 | 25 | 25 | 23 | 20 | 25 | 25 | 23 | 20 | 24 | 24 | 24 | 20 | 24 | 23 | 23 | 20 | 21 | 22 | 22 | 19 |
| KW | 2.48 | 2.52 | 2.59 | 2.67 | 2.64 | 2.69 | 2.77 | 2.85 | 2.79 | 2.85 | 2.93 | 3.02 | 2.92 | 2.98 | 3.07 | 3.16 | 3.03 | 3.09 | 3.19 | 3.28 | 3.13 | 3.19 | 3.29 | 3.39 | |
| Amps | 9.8 | 10.0 | 10.1 | 10.3 | 10.2 | 10.4 | 10.6 | 10.8 | 10.7 | 10.9 | 11.1 | 11.3 | 11.1 | 11.3 | 11.5 | 11.8 | 11.5 | 11.7 | 12.0 | 12.2 | 12.0 | 12.1 | 12.4 | 12.7 | |
| Hi PR | 187 | 201 | 212 | 221 | 210 | 226 | 238 | 249 | 238 | 257 | 271 | 283 | 272 | 292 | 309 | 322 | 306 | 329 | 347 | 362 | 338 | 363 | 384 | 400 | |
| Lo PR | 97 | 103 | 113 | 120 | 103 | 109 | 119 | 127 | 107 | 113 | 124 | 132 | 112 | 119 | 130 | 138 | 117 | 125 | 136 | 145 | 121 | 129 | 141 | 150 | |
| MBh | 31.1 | 31.7 | 33.2 | 35.4 | 30.3 | 30.9 | 32.4 | 34.6 | 29.6 | 30.2 | 31.6 | 33.7 | 28.9 | 29.5 | 30.9 | 32.9 | 27.5 | 28.0 | 29.3 | 31.3 | 25.4 | 25.9 | 27.2 | 29.0 | |
| S/T | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.93 | 0.75 | |
| Δ T | 25 | 25 | 24 | 20 | 26 | 25 | 24 | 21 | 26 | 25 | 24 | 21 | 25 | 25 | 24 | 21 | 24 | 25 | 24 | 20 | 22 | 23 | 22 | 19 | |
| KW | 2.42 | 2.47 | 2.54 | 2.61 | 2.59 | 2.64 | 2.71 | 2.79 | 2.73 | 2.78 | 2.86 | 2.95 | 2.86 | 2.91 | 3.00 | 3.09 | 2.96 | 3.02 | 3.11 | 3.21 | 3.06 | 3.12 | 3.21 | 3.31 | |
| Amps | 9.7 | 9.8 | 10.0 | 10.2 | 10.1 | 10.2 | 10.4 | 10.6 | 10.6 | 10.7 | 10.9 | 11.1 | 11.0 | 11.1 | 11.3 | 11.6 | 11.4 | 11.5 | 11.7 | 12.0 | 11.8 | 11.9 | 12.2 | 12.5 | |
| Hi PR | 181 | 195 | 206 | 215 | 203 | 219 | 231 | 241 | 231 | 249 | 263 | 274 | 263 | 284 | 299 | 312 | 296 | 319 | 337 | 351 | 327 | 352 | 372 | 388 | |
| Lo PR | 94 | 100 | 109 | 116 | 99 | 106 | 115 | 123 | 103 | 110 | 120 | 128 | 109 | 115 | 126 | 134 | 114 | 121 | 132 | 141 | 118 | 125 | 137 | 146 | |

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI conditions
 kW = Total system power
 Design Subcooling 9 ±3 °F @ the liquid service valve, ARI95 test conditions
 Amps = outdoor unit amps (comp.+fan)

| IDB | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | |
|-----------|-------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | MBh | 39.2 | 40.6 | 44.5 | - | 38.3 | 39.7 | 43.5 | - | 37.4 | 38.7 | 42.4 | - | 36.5 | 37.8 | 41.4 | - | 34.6 | 35.9 | 39.3 | - | 32.1 | 33.3 | 36.4 | - |
| | S/T | 0.74 | 0.62 | 0.43 | - | 0.77 | 0.64 | 0.45 | - | 0.79 | 0.66 | 0.46 | - | 0.82 | 0.68 | 0.47 | - | 0.85 | 0.71 | 0.49 | - | 0.85 | 0.71 | 0.49 | - |
| | ΔT | 18 | 15 | 12 | - | 18 | 15 | 12 | - | 18 | 15 | 12 | - | 18 | 16 | 12 | - | 18 | 15 | 12 | - | 17 | 14 | 11 | - |
| | KW | 2.87 | 2.92 | 3.01 | - | 3.07 | 3.13 | 3.22 | - | 3.24 | 3.31 | 3.41 | - | 3.40 | 3.47 | 3.58 | - | 3.53 | 3.61 | 3.72 | - | 3.65 | 3.72 | 3.84 | - |
| | Amps | 10.5 | 10.7 | 11.1 | - | 11.3 | 11.6 | 11.9 | - | 12.2 | 12.5 | 12.9 | - | 13.1 | 13.4 | 13.8 | - | 13.9 | 14.2 | 14.7 | - | 14.7 | 15.0 | 15.5 | - |
| | Hi PR | 217 | 234 | 247 | - | 244 | 262 | 277 | - | 277 | 298 | 315 | - | 315 | 340 | 359 | - | 355 | 382 | 403 | - | 392 | 422 | 446 | - |
| | Lo PR | 106 | 113 | 124 | - | 112 | 120 | 131 | - | 117 | 124 | 136 | - | 123 | 131 | 143 | - | 129 | 137 | 149 | - | 133 | 142 | 155 | - |
| | MBh | 38.1 | 39.4 | 43.2 | - | 37.2 | 38.5 | 42.2 | - | 36.3 | 37.6 | 41.2 | - | 35.4 | 36.7 | 40.2 | - | 33.6 | 34.9 | 38.2 | - | 31.2 | 32.3 | 35.4 | - |
| | S/T | 0.71 | 0.59 | 0.41 | - | 0.73 | 0.61 | 0.43 | - | 0.75 | 0.63 | 0.44 | - | 0.78 | 0.65 | 0.45 | - | 0.81 | 0.67 | 0.47 | - | 0.81 | 0.68 | 0.47 | - |
| | ΔT | 18 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 18 | 16 | 12 | - | 17 | 15 | 11 | - |
| KW | 2.85 | 2.90 | 2.98 | - | 3.05 | 3.11 | 3.20 | - | 3.22 | 3.29 | 3.38 | - | 3.38 | 3.44 | 3.55 | - | 3.51 | 3.58 | 3.69 | - | 3.62 | 3.70 | 3.81 | - | |
| Amps | 10.4 | 10.6 | 11.0 | - | 11.2 | 11.5 | 11.8 | - | 12.1 | 12.4 | 12.8 | - | 12.9 | 13.3 | 13.7 | - | 13.8 | 14.1 | 14.6 | - | 14.6 | 14.9 | 15.4 | - | |
| Hi PR | 215 | 231 | 244 | - | 241 | 260 | 274 | - | 274 | 295 | 312 | - | 312 | 336 | 355 | - | 351 | 378 | 399 | - | 388 | 418 | 441 | - | |
| Lo PR | 105 | 112 | 122 | - | 111 | 118 | 129 | - | 116 | 123 | 134 | - | 122 | 129 | 141 | - | 127 | 135 | 148 | - | 132 | 140 | 153 | - | |
| MBh | 35.1 | 36.4 | 39.9 | - | 34.3 | 35.6 | 39.0 | - | 33.5 | 34.7 | 38.0 | - | 32.7 | 33.9 | 37.1 | - | 31.0 | 32.2 | 35.2 | - | 28.8 | 29.8 | 32.7 | - | |
| S/T | 0.68 | 0.57 | 0.40 | - | 0.71 | 0.59 | 0.41 | - | 0.73 | 0.61 | 0.42 | - | 0.75 | 0.63 | 0.43 | - | 0.78 | 0.65 | 0.45 | - | 0.78 | 0.66 | 0.45 | - | |
| ΔT | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 13 | - | 19 | 17 | 13 | - | 19 | 16 | 12 | - | 18 | 15 | 12 | - | |
| KW | 2.78 | 2.84 | 2.92 | - | 2.98 | 3.04 | 3.12 | - | 3.15 | 3.21 | 3.31 | - | 3.30 | 3.36 | 3.47 | - | 3.43 | 3.50 | 3.60 | - | 3.54 | 3.61 | 3.72 | - | |
| Amps | 10.1 | 10.3 | 10.7 | - | 10.9 | 11.2 | 11.5 | - | 11.8 | 12.1 | 12.5 | - | 12.6 | 12.9 | 13.3 | - | 13.4 | 13.7 | 14.2 | - | 14.2 | 14.5 | 15.0 | - | |
| Hi PR | 208 | 224 | 237 | - | 234 | 252 | 266 | - | 266 | 286 | 302 | - | 303 | 326 | 344 | - | 341 | 367 | 387 | - | 377 | 405 | 428 | - | |
| Lo PR | 102 | 109 | 119 | - | 108 | 115 | 125 | - | 112 | 119 | 130 | - | 118 | 125 | 137 | - | 124 | 131 | 143 | - | 128 | 136 | 148 | - | |
| 75 | MBh | 39.86 | 41.04 | 44.42 | 47.68 | 38.93 | 40.09 | 43.39 | 46.57 | 38.01 | 39.13 | 42.36 | 45.46 | 37.08 | 38.18 | 41.32 | 44.35 | 35.23 | 36.27 | 39.26 | 42.13 | 32.63 | 33.60 | 36.36 | 39.03 |
| | S/T | 0.84 | 0.76 | 0.57 | 0.37 | 0.88 | 0.78 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.40 | 0.96 | 0.86 | 0.65 | 0.42 | 0.97 | 0.87 | 0.66 | 0.42 |
| | ΔT | 20 | 19 | 15 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 20 | 19 | 15 | 11 | 19 | 18 | 14 | 10 |
| | KW | 2.89 | 2.94 | 3.03 | 3.12 | 3.09 | 3.15 | 3.25 | 3.34 | 3.27 | 3.34 | 3.44 | 3.54 | 3.43 | 3.50 | 3.60 | 3.72 | 3.56 | 3.64 | 3.75 | 3.87 | 3.68 | 3.75 | 3.87 | 3.99 |
| | Amps | 10.6 | 10.8 | 11.2 | 11.6 | 11.4 | 11.7 | 12.0 | 12.5 | 12.4 | 12.6 | 13.1 | 13.5 | 13.2 | 13.5 | 13.9 | 14.5 | 14.0 | 14.3 | 14.8 | 15.4 | 14.8 | 15.2 | 15.7 | 16.3 |
| | Hi PR | 219 | 236 | 249 | 260 | 246 | 265 | 280 | 292 | 280 | 301 | 318 | 332 | 319 | 343 | 362 | 378 | 359 | 386 | 407 | 425 | 396 | 426 | 450 | 470 |
| | Lo PR | 107 | 114 | 125 | 133 | 114 | 121 | 132 | 140 | 118 | 126 | 137 | 146 | 124 | 132 | 144 | 153 | 130 | 138 | 151 | 161 | 134 | 143 | 156 | 166 |
| | MBh | 38.7 | 39.8 | 43.1 | 46.3 | 37.8 | 38.9 | 42.1 | 45.2 | 36.9 | 38.0 | 41.1 | 44.1 | 36.0 | 37.1 | 40.1 | 43.1 | 34.2 | 35.2 | 38.1 | 40.9 | 31.7 | 32.6 | 35.3 | 37.9 |
| | S/T | 0.81 | 0.72 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.92 | 0.82 | 0.62 | 0.40 | 0.93 | 0.83 | 0.63 | 0.40 |
| | ΔT | 21 | 20 | 16 | 11 | 21 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 21 | 20 | 16 | 11 | 20 | 18 | 15 | 10 |
| KW | 2.87 | 2.92 | 3.01 | 3.10 | 3.07 | 3.13 | 3.22 | 3.32 | 3.25 | 3.31 | 3.41 | 3.51 | 3.40 | 3.47 | 3.58 | 3.69 | 3.53 | 3.61 | 3.72 | 3.84 | 3.65 | 3.73 | 3.84 | 3.96 | |
| Amps | 10.5 | 10.7 | 11.1 | 11.5 | 11.3 | 11.6 | 11.9 | 12.4 | 12.2 | 12.5 | 12.9 | 13.4 | 13.1 | 13.4 | 13.8 | 14.3 | 13.9 | 14.2 | 14.7 | 15.2 | 14.7 | 15.0 | 15.5 | 16.1 | |
| Hi PR | 217 | 234 | 247 | 257 | 244 | 262 | 277 | 289 | 277 | 298 | 315 | 328 | 316 | 340 | 359 | 374 | 355 | 382 | 403 | 421 | 392 | 422 | 446 | 465 | |
| Lo PR | 106 | 113 | 124 | 132 | 112 | 120 | 131 | 139 | 117 | 124 | 136 | 145 | 123 | 131 | 143 | 152 | 129 | 137 | 149 | 159 | 133 | 142 | 155 | 165 | |
| MBh | 35.7 | 36.8 | 39.8 | 42.7 | 34.9 | 35.9 | 38.9 | 41.7 | 34.1 | 35.1 | 38.0 | 40.7 | 33.2 | 34.2 | 37.0 | 39.7 | 31.6 | 32.5 | 35.2 | 37.8 | 29.2 | 30.1 | 32.6 | 35.0 | |
| S/T | 0.78 | 0.69 | 0.53 | 0.34 | 0.81 | 0.72 | 0.55 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.88 | 0.79 | 0.60 | 0.39 | 0.89 | 0.80 | 0.60 | 0.39 | |
| ΔT | 22 | 20 | 16 | 11 | 22 | 20 | 17 | 11 | 22 | 20 | 17 | 11 | 22 | 20 | 17 | 12 | 22 | 20 | 16 | 11 | 20 | 19 | 15 | 11 | |
| KW | 2.81 | 2.86 | 2.94 | 3.03 | 3.00 | 3.06 | 3.15 | 3.24 | 3.17 | 3.24 | 3.33 | 3.43 | 3.32 | 3.39 | 3.49 | 3.60 | 3.45 | 3.52 | 3.63 | 3.74 | 3.56 | 3.64 | 3.75 | 3.87 | |
| Amps | 10.2 | 10.4 | 10.8 | 11.2 | 11.0 | 11.3 | 11.6 | 12.0 | 11.9 | 12.2 | 12.6 | 13.1 | 12.7 | 13.0 | 13.4 | 13.9 | 13.5 | 13.8 | 14.3 | 14.8 | 14.3 | 14.6 | 15.1 | 15.7 | |
| Hi PR | 211 | 227 | 239 | 250 | 236 | 254 | 269 | 280 | 269 | 289 | 305 | 319 | 306 | 329 | 348 | 363 | 344 | 371 | 391 | 408 | 380 | 409 | 432 | 451 | |
| Lo PR | 103 | 110 | 120 | 128 | 109 | 116 | 127 | 135 | 113 | 121 | 132 | 140 | 119 | 127 | 138 | 147 | 125 | 133 | 145 | 154 | 129 | 137 | 150 | 160 | |

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions
 KW = Total system power
 Amps = outdoor unit amps (comp.+fan)

| IDB | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | |
|-----------|---------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | MBh | 40.57 | 41.46 | 44.29 | 47.35 | 39.63 | 40.49 | 43.26 | 46.24 | 38.68 | 39.53 | 42.23 | 45.14 | 37.74 | 38.56 | 41.20 | 44.04 | 35.85 | 36.64 | 39.14 | 41.84 | 33.21 | 33.94 | 36.26 | 38.76 |
| | S/T | 0.93 | 0.87 | 0.71 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 1.00 | 0.92 | 0.75 | 0.56 | 1.00 | 0.95 | 0.78 | 0.58 | 1.00 | 1.00 | 0.81 | 0.60 | 1.00 | 1.00 | 0.81 | 0.61 |
| | ΔT | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 22 | 22 | 19 | 15 | 20 | 20 | 18 | 14 |
| | KW | 2.91 | 2.97 | 3.05 | 3.14 | 3.11 | 3.18 | 3.27 | 3.37 | 3.29 | 3.36 | 3.46 | 3.57 | 3.45 | 3.53 | 3.63 | 3.75 | 3.59 | 3.66 | 3.78 | 3.90 | 3.71 | 3.78 | 3.90 | 4.03 |
| | Amps | 10.7 | 10.9 | 11.3 | 11.7 | 11.5 | 11.8 | 12.1 | 12.6 | 12.5 | 12.8 | 13.2 | 13.7 | 13.3 | 13.6 | 14.1 | 14.6 | 14.1 | 14.5 | 15.0 | 15.5 | 15.0 | 15.3 | 15.8 | 16.4 |
| | Hi PR | 221 | 238 | 252 | 263 | 249 | 267 | 282 | 295 | 283 | 304 | 321 | 335 | 322 | 346 | 366 | 382 | 362 | 390 | 412 | 429 | 400 | 431 | 455 | 474 |
| | Lo PR | 109 | 116 | 126 | 134 | 115 | 122 | 133 | 142 | 119 | 127 | 138 | 147 | 125 | 133 | 145 | 155 | 131 | 140 | 152 | 162 | 136 | 144 | 158 | 168 |
| | MBh | 39.4 | 40.2 | 43.0 | 46.0 | 38.5 | 39.3 | 42.0 | 44.9 | 37.6 | 38.4 | 41.0 | 43.8 | 36.6 | 37.4 | 40.0 | 42.8 | 34.8 | 35.6 | 38.0 | 40.6 | 32.2 | 32.9 | 35.2 | 37.6 |
| | S/T | 0.88 | 0.83 | 0.67 | 0.50 | 0.92 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.00 | 0.94 | 0.77 | 0.57 | 1.00 | 0.95 | 0.77 | 0.58 |
| | ΔT | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 22 | 21 | 19 | 15 |
| | KW | 2.89 | 2.94 | 3.03 | 3.12 | 3.09 | 3.15 | 3.25 | 3.34 | 3.27 | 3.34 | 3.44 | 3.54 | 3.43 | 3.50 | 3.61 | 3.72 | 3.56 | 3.64 | 3.75 | 3.87 | 3.68 | 3.76 | 3.87 | 4.00 |
| | Amps | 10.6 | 10.8 | 11.2 | 11.6 | 11.4 | 11.7 | 12.0 | 12.5 | 12.4 | 12.6 | 13.1 | 13.5 | 13.2 | 13.5 | 13.9 | 14.5 | 14.0 | 14.3 | 14.8 | 15.4 | 14.8 | 15.2 | 15.7 | 16.3 |
| Hi PR | 219 | 236 | 249 | 260 | 246 | 265 | 280 | 292 | 280 | 301 | 318 | 332 | 319 | 343 | 362 | 378 | 359 | 386 | 407 | 425 | 396 | 426 | 450 | 470 | |
| Lo PR | 107 | 114 | 125 | 133 | 114 | 121 | 132 | 140 | 118 | 126 | 137 | 146 | 124 | 132 | 144 | 153 | 130 | 138 | 151 | 161 | 134 | 143 | 156 | 166 | |
| MBh | 36.4 | 37.1 | 39.7 | 42.4 | 35.5 | 36.3 | 38.8 | 41.4 | 34.7 | 35.4 | 37.8 | 40.5 | 33.8 | 34.6 | 36.9 | 39.5 | 32.1 | 32.8 | 35.1 | 37.5 | 29.8 | 30.4 | 32.5 | 34.7 | |
| S/T | 0.85 | 0.80 | 0.65 | 0.49 | 0.88 | 0.83 | 0.67 | 0.50 | 0.91 | 0.85 | 0.69 | 0.52 | 0.93 | 0.88 | 0.71 | 0.53 | 0.97 | 0.91 | 0.74 | 0.55 | 0.98 | 0.92 | 0.75 | 0.56 | |
| ΔT | 24 | 23 | 20 | 16 | 25 | 24 | 20 | 16 | 25 | 24 | 20 | 16 | 25 | 24 | 21 | 16 | 24 | 23 | 20 | 16 | 23 | 22 | 19 | 15 | |
| KW | 2.83 | 2.88 | 2.96 | 3.05 | 3.02 | 3.08 | 3.17 | 3.27 | 3.20 | 3.26 | 3.36 | 3.46 | 3.35 | 3.42 | 3.52 | 3.63 | 3.48 | 3.55 | 3.66 | 3.77 | 3.59 | 3.67 | 3.78 | 3.90 | |
| Amps | 10.3 | 10.5 | 10.9 | 11.3 | 11.1 | 11.4 | 11.7 | 12.1 | 12.0 | 12.3 | 12.7 | 13.2 | 12.8 | 13.1 | 13.6 | 14.1 | 13.6 | 14.0 | 14.4 | 15.0 | 14.4 | 14.8 | 15.3 | 15.8 | |
| Hi PR | 213 | 229 | 242 | 252 | 239 | 257 | 271 | 283 | 271 | 292 | 308 | 322 | 309 | 333 | 351 | 366 | 348 | 374 | 395 | 412 | 384 | 414 | 437 | 455 | |
| Lo PR | 104 | 111 | 121 | 129 | 110 | 117 | 128 | 136 | 114 | 122 | 133 | 142 | 120 | 128 | 140 | 149 | 126 | 134 | 146 | 156 | 130 | 139 | 151 | 161 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 85 | MBh | 41.28 | 42.08 | 44.07 | 47.01 | 40.32 | 41.10 | 43.04 | 45.92 | 39.36 | 40.12 | 42.02 | 44.83 | 38.40 | 39.14 | 40.99 | 43.73 | 36.48 | 37.18 | 38.94 | 41.55 | 33.79 | 34.44 | 36.07 | 38.49 |
| | S/T | 0.97 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.88 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.75 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 0.97 | 0.79 |
| | ΔT | 24 | 24 | 22 | 19 | 24 | 24 | 23 | 20 | 24 | 24 | 23 | 20 | 23 | 24 | 23 | 20 | 22 | 22 | 23 | 20 | 20 | 21 | 21 | 18 |
| | KW | 2.93 | 2.99 | 3.07 | 3.17 | 3.14 | 3.20 | 3.29 | 3.39 | 3.32 | 3.39 | 3.49 | 3.60 | 3.48 | 3.55 | 3.66 | 3.78 | 3.62 | 3.69 | 3.81 | 3.93 | 3.74 | 3.81 | 3.93 | 4.06 |
| | Amps | 10.8 | 11.0 | 11.4 | 11.8 | 11.6 | 11.9 | 12.3 | 12.7 | 12.6 | 12.9 | 13.3 | 13.8 | 13.4 | 13.7 | 14.2 | 14.7 | 14.3 | 14.6 | 15.1 | 15.7 | 15.1 | 15.5 | 16.0 | 16.6 |
| | Hi PR | 224 | 241 | 254 | 265 | 251 | 270 | 285 | 298 | 285 | 307 | 324 | 338 | 325 | 350 | 369 | 385 | 366 | 394 | 416 | 434 | 404 | 435 | 459 | 479 |
| | Lo PR | 110 | 117 | 127 | 136 | 116 | 123 | 135 | 143 | 120 | 128 | 140 | 149 | 126 | 135 | 147 | 156 | 133 | 141 | 154 | 164 | 137 | 146 | 159 | 170 |
| | MBh | 40.1 | 40.9 | 42.8 | 45.6 | 39.1 | 39.9 | 41.8 | 44.6 | 38.2 | 39.0 | 40.8 | 43.5 | 37.3 | 38.0 | 39.8 | 42.5 | 35.4 | 36.1 | 37.8 | 40.3 | 32.8 | 33.4 | 35.0 | 37.4 |
| | S/T | 0.93 | 0.89 | 0.81 | 0.65 | 0.96 | 0.93 | 0.84 | 0.68 | 0.98 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.93 | 0.75 |
| | ΔT | 25 | 25 | 24 | 20 | 26 | 25 | 24 | 21 | 26 | 25 | 24 | 21 | 25 | 25 | 24 | 21 | 24 | 25 | 24 | 20 | 22 | 23 | 22 | 19 |
| | KW | 2.91 | 2.97 | 3.05 | 3.14 | 3.11 | 3.18 | 3.27 | 3.37 | 3.29 | 3.36 | 3.46 | 3.57 | 3.45 | 3.53 | 3.63 | 3.75 | 3.59 | 3.66 | 3.78 | 3.90 | 3.71 | 3.78 | 3.90 | 4.03 |
| | Amps | 10.7 | 10.9 | 11.3 | 11.7 | 11.5 | 11.8 | 12.1 | 12.6 | 12.5 | 12.8 | 13.2 | 13.7 | 13.3 | 13.6 | 14.1 | 14.6 | 14.1 | 14.5 | 15.0 | 15.5 | 15.0 | 15.3 | 15.8 | 16.4 |
| Hi PR | 221 | 238 | 252 | 263 | 249 | 267 | 282 | 295 | 283 | 304 | 321 | 335 | 322 | 346 | 366 | 382 | 362 | 390 | 412 | 429 | 400 | 431 | 455 | 474 | |
| Lo PR | 109 | 116 | 126 | 134 | 115 | 122 | 133 | 142 | 119 | 127 | 138 | 147 | 125 | 133 | 145 | 155 | 131 | 140 | 152 | 162 | 136 | 144 | 158 | 168 | |
| MBh | 37.0 | 37.7 | 39.5 | 42.1 | 36.1 | 36.8 | 38.6 | 41.2 | 35.3 | 36.0 | 37.7 | 40.2 | 34.4 | 35.1 | 36.7 | 39.2 | 32.7 | 33.3 | 34.9 | 37.2 | 30.3 | 30.9 | 32.3 | 34.5 | |
| S/T | 0.89 | 0.86 | 0.78 | 0.63 | 0.93 | 0.89 | 0.81 | 0.65 | 0.95 | 0.92 | 0.83 | 0.67 | 0.98 | 0.95 | 0.85 | 0.69 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 0.99 | 0.89 | 0.72 | |
| ΔT | 26 | 25 | 24 | 21 | 26 | 26 | 24 | 21 | 26 | 26 | 24 | 21 | 26 | 26 | 25 | 21 | 26 | 26 | 24 | 21 | 24 | 24 | 23 | 20 | |
| KW | 2.85 | 2.90 | 2.98 | 3.07 | 3.04 | 3.10 | 3.20 | 3.29 | 3.22 | 3.28 | 3.38 | 3.49 | 3.37 | 3.44 | 3.55 | 3.66 | 3.51 | 3.58 | 3.69 | 3.80 | 3.62 | 3.69 | 3.81 | 3.93 | |
| Amps | 10.4 | 10.6 | 11.0 | 11.4 | 11.2 | 11.5 | 11.8 | 12.3 | 12.1 | 12.4 | 12.8 | 13.3 | 12.9 | 13.3 | 13.7 | 14.2 | 13.8 | 14.1 | 14.5 | 15.1 | 14.6 | 14.9 | 15.4 | 16.0 | |
| Hi PR | 215 | 231 | 244 | 255 | 241 | 259 | 274 | 286 | 274 | 295 | 312 | 325 | 312 | 336 | 355 | 370 | 351 | 378 | 399 | 416 | 388 | 418 | 441 | 460 | |
| Lo PR | 105 | 112 | 122 | 130 | 111 | 118 | 129 | 138 | 116 | 123 | 134 | 143 | 121 | 129 | 141 | 150 | 127 | 135 | 148 | 157 | 132 | 140 | 153 | 163 | |

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI (TVA) conditions
 KW = Total system power
 Amps = outdoor unit amps (comp.+fan)

| IDB | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | 115°F | | | | | | | | | | | | | | | | | |
|-------------|-------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|----|--|--|
| | | 65°F | | | | | | 75°F | | | | | | 85°F | | | | | | 95°F | | | | | | 105°F | | | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | | |
| 1800 | MBh | 45.1 | 46.7 | 51.2 | - | 44.0 | 45.6 | 50.0 | - | 43.0 | 44.5 | 48.8 | - | 41.9 | 43.5 | 47.6 | - | 39.8 | 41.3 | 45.2 | - | 36.9 | 38.2 | 41.9 | - | | | | | | |
| | S/T | 0.76 | 0.64 | 0.44 | - | 0.79 | 0.66 | 0.46 | - | 0.81 | 0.68 | 0.47 | - | 0.84 | 0.70 | 0.48 | - | 0.87 | 0.73 | 0.50 | - | 0.88 | 0.73 | 0.51 | - | | | | | | |
| | ΔT | 18 | 15 | 12 | - | 18 | 15 | 12 | - | 18 | 15 | 12 | - | 18 | 16 | 12 | - | 18 | 15 | 12 | - | 17 | 14 | 11 | - | | | | | | |
| | KW | 3.15 | 3.21 | 3.31 | - | 3.38 | 3.45 | 3.56 | - | 3.59 | 3.66 | 3.78 | - | 3.77 | 3.85 | 3.97 | - | 3.92 | 4.00 | 4.13 | - | 4.05 | 4.14 | 4.27 | - | | | | | | |
| | Amps | 11.5 | 11.8 | 12.1 | - | 12.4 | 12.7 | 13.1 | - | 13.5 | 13.8 | 14.2 | - | 14.4 | 14.7 | 15.2 | - | 15.3 | 15.7 | 16.2 | - | 16.2 | 16.6 | 17.1 | - | | | | | | |
| | Hi PR | 221 | 238 | 251 | - | 248 | 267 | 282 | - | 282 | 304 | 321 | - | 321 | 346 | 365 | - | 361 | 389 | 411 | - | 399 | 430 | 454 | - | | | | | | |
| | Lo PR | 108 | 115 | 126 | - | 114 | 122 | 133 | - | 119 | 127 | 138 | - | 125 | 133 | 145 | - | 131 | 139 | 152 | - | 135 | 144 | 157 | - | | | | | | |
| | MBh | 43.8 | 45.4 | 49.7 | - | 42.7 | 44.3 | 48.5 | - | 41.7 | 43.2 | 47.4 | - | 40.7 | 42.2 | 46.2 | - | 38.7 | 40.1 | 43.9 | - | 35.8 | 37.1 | 40.7 | - | | | | | | |
| | S/T | 0.73 | 0.61 | 0.42 | - | 0.75 | 0.63 | 0.44 | - | 0.77 | 0.65 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.83 | 0.69 | 0.48 | - | 0.84 | 0.70 | 0.48 | - | | | | | | |
| | ΔT | 18 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 18 | 16 | 12 | - | 17 | 15 | 11 | - | | | | | | |
| KW | 3.13 | 3.19 | 3.29 | - | 3.36 | 3.43 | 3.53 | - | 3.56 | 3.63 | 3.75 | - | 3.74 | 3.82 | 3.94 | - | 3.89 | 3.97 | 4.10 | - | 4.02 | 4.11 | 4.24 | - | | | | | | | |
| Amps | 11.4 | 11.7 | 12.0 | - | 12.3 | 12.6 | 13.0 | - | 13.3 | 13.7 | 14.1 | - | 14.2 | 14.6 | 15.1 | - | 15.1 | 15.5 | 16.0 | - | 16.0 | 16.4 | 17.0 | - | | | | | | | |
| Hi PR | 219 | 235 | 249 | - | 246 | 264 | 279 | - | 279 | 301 | 317 | - | 318 | 342 | 361 | - | 358 | 385 | 407 | - | 395 | 425 | 449 | - | | | | | | | |
| Lo PR | 107 | 114 | 125 | - | 113 | 121 | 132 | - | 118 | 125 | 137 | - | 124 | 132 | 144 | - | 130 | 138 | 151 | - | 134 | 143 | 156 | - | | | | | | | |
| MBh | 40.4 | 41.9 | 45.9 | - | 39.5 | 40.9 | 44.8 | - | 38.5 | 39.9 | 43.7 | - | 37.6 | 38.9 | 42.7 | - | 35.7 | 37.0 | 40.5 | - | 33.1 | 34.3 | 37.5 | - | | | | | | | |
| S/T | 0.70 | 0.59 | 0.41 | - | 0.73 | 0.61 | 0.42 | - | 0.75 | 0.62 | 0.43 | - | 0.77 | 0.64 | 0.45 | - | 0.80 | 0.67 | 0.46 | - | 0.81 | 0.67 | 0.47 | - | | | | | | | |
| ΔT | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 19 | 16 | 12 | - | 18 | 15 | 11 | - | | | | | | | |
| KW | 3.06 | 3.12 | 3.21 | - | 3.28 | 3.35 | 3.45 | - | 3.47 | 3.55 | 3.66 | - | 3.65 | 3.72 | 3.84 | - | 3.80 | 3.88 | 4.00 | - | 3.92 | 4.01 | 4.13 | - | | | | | | | |
| Amps | 11.1 | 11.4 | 11.7 | - | 12.0 | 12.3 | 12.6 | - | 13.0 | 13.3 | 13.7 | - | 13.9 | 14.2 | 14.7 | - | 14.7 | 15.1 | 15.6 | - | 15.6 | 16.0 | 16.5 | - | | | | | | | |
| Hi PR | 212 | 228 | 241 | - | 238 | 256 | 271 | - | 271 | 291 | 308 | - | 309 | 332 | 351 | - | 347 | 374 | 394 | - | 383 | 413 | 436 | - | | | | | | | |
| Lo PR | 104 | 111 | 121 | - | 110 | 117 | 128 | - | 114 | 122 | 133 | - | 120 | 128 | 139 | - | 126 | 134 | 146 | - | 130 | 138 | 151 | - | | | | | | | |
| 1800 | MBh | 45.84 | 47.20 | 51.09 | 54.83 | 44.77 | 46.10 | 49.90 | 53.55 | 43.71 | 45.00 | 48.71 | 52.28 | 42.64 | 43.90 | 47.52 | 51.00 | 40.51 | 41.71 | 45.15 | 48.45 | 37.52 | 38.64 | 41.82 | 44.88 | | | | | | |
| | S/T | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.95 | 0.85 | 0.64 | 0.41 | 0.99 | 0.88 | 0.67 | 0.43 | 1.00 | 0.89 | 0.67 | 0.43 | | | | | | |
| | ΔT | 20 | 19 | 15 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 20 | 19 | 15 | 11 | 19 | 18 | 14 | 10 | | | | | | |
| | KW | 3.18 | 3.24 | 3.34 | 3.44 | 3.41 | 3.48 | 3.59 | 3.70 | 3.62 | 3.69 | 3.81 | 3.93 | 3.80 | 3.88 | 4.00 | 4.13 | 3.95 | 4.04 | 4.17 | 4.30 | 4.09 | 4.17 | 4.31 | 4.45 | | | | | | |
| | Amps | 11.6 | 11.9 | 12.3 | 12.7 | 12.5 | 12.8 | 13.2 | 13.7 | 13.6 | 13.9 | 14.4 | 14.9 | 14.5 | 14.9 | 15.3 | 15.9 | 15.4 | 15.8 | 16.3 | 16.9 | 16.3 | 16.7 | 17.3 | 17.9 | | | | | | |
| | Hi PR | 223 | 240 | 254 | 265 | 251 | 270 | 285 | 297 | 285 | 307 | 324 | 338 | 325 | 349 | 369 | 385 | 365 | 365 | 393 | 415 | 433 | 403 | 434 | 458 | 478 | | | | | |
| | Lo PR | 109 | 116 | 127 | 135 | 116 | 123 | 134 | 143 | 120 | 128 | 140 | 149 | 126 | 134 | 147 | 156 | 132 | 132 | 141 | 154 | 164 | 137 | 146 | 159 | 169 | | | | | |
| | MBh | 44.5 | 45.8 | 49.6 | 53.2 | 43.5 | 44.8 | 48.4 | 52.0 | 42.4 | 43.7 | 47.3 | 50.8 | 41.4 | 42.6 | 46.1 | 49.5 | 39.3 | 40.5 | 43.8 | 47.0 | 36.4 | 37.5 | 40.6 | 43.6 | | | | | | |
| | S/T | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.91 | 0.81 | 0.61 | 0.40 | 0.94 | 0.84 | 0.64 | 0.41 | 0.95 | 0.85 | 0.64 | 0.41 | | | | | | |
| | ΔT | 21 | 19 | 16 | 11 | 21 | 20 | 16 | 11 | 21 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 21 | 20 | 16 | 11 | 20 | 18 | 15 | 10 | | | | | | |
| KW | 3.15 | 3.21 | 3.31 | 3.41 | 3.38 | 3.45 | 3.56 | 3.67 | 3.59 | 3.66 | 3.78 | 3.90 | 3.77 | 3.85 | 3.97 | 4.10 | 3.92 | 4.01 | 4.13 | 4.27 | 4.05 | 4.14 | 4.27 | 4.41 | | | | | | | |
| Amps | 11.5 | 11.8 | 12.1 | 12.6 | 12.4 | 12.7 | 13.1 | 13.6 | 13.5 | 13.8 | 14.2 | 14.8 | 14.4 | 14.7 | 15.2 | 15.8 | 15.3 | 15.7 | 16.2 | 16.8 | 16.2 | 16.6 | 17.1 | 17.8 | | | | | | | |
| Hi PR | 221 | 238 | 251 | 262 | 248 | 267 | 282 | 294 | 282 | 304 | 321 | 334 | 321 | 346 | 365 | 381 | 361 | 361 | 389 | 411 | 428 | 399 | 430 | 454 | 473 | | | | | | |
| Lo PR | 108 | 115 | 126 | 134 | 114 | 122 | 133 | 142 | 119 | 127 | 138 | 147 | 125 | 133 | 145 | 155 | 131 | 131 | 139 | 152 | 162 | 135 | 144 | 157 | 168 | | | | | | |
| MBh | 41.1 | 42.3 | 45.8 | 49.1 | 40.1 | 41.3 | 44.7 | 48.0 | 39.2 | 40.3 | 43.7 | 46.8 | 38.2 | 39.3 | 42.6 | 45.7 | 36.3 | 37.4 | 40.5 | 43.4 | 33.6 | 34.6 | 37.5 | 40.2 | | | | | | | |
| S/T | 0.80 | 0.71 | 0.54 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.88 | 0.78 | 0.59 | 0.38 | 0.91 | 0.81 | 0.62 | 0.40 | 0.92 | 0.82 | 0.62 | 0.40 | | | | | | | |
| ΔT | 22 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | 20 | 17 | 11 | 22 | 20 | 16 | 11 | 20 | 19 | 15 | 11 | | | | | | | |
| KW | 3.08 | 3.14 | 3.24 | 3.33 | 3.30 | 3.37 | 3.47 | 3.58 | 3.50 | 3.58 | 3.69 | 3.80 | 3.68 | 3.76 | 3.87 | 4.00 | 3.83 | 3.91 | 4.03 | 4.16 | 3.95 | 4.04 | 4.17 | 4.31 | | | | | | | |
| Amps | 11.2 | 11.5 | 11.8 | 12.3 | 12.1 | 12.4 | 12.8 | 13.2 | 13.1 | 13.4 | 13.9 | 14.4 | 14.0 | 14.3 | 14.8 | 15.3 | 14.9 | 15.2 | 15.7 | 16.3 | 15.7 | 16.1 | 16.7 | 17.3 | | | | | | | |
| Hi PR | 214 | 231 | 244 | 254 | 241 | 259 | 273 | 285 | 274 | 294 | 311 | 324 | 312 | 335 | 354 | 369 | 351 | 351 | 377 | 398 | 416 | 387 | 417 | 440 | 459 | | | | | | |
| Lo PR | 105 | 112 | 122 | 130 | 111 | 118 | 129 | 137 | 115 | 123 | 134 | 143 | 121 | 129 | 141 | 150 | 127 | 127 | 135 | 148 | 157 | 131 | 140 | 153 | 163 | | | | | | |

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) conditions
 KW = Total system power
 Amps = outdoor unit amps (comp.+fan)

| IDB | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 65°F | | | | 75°F | | | | 85°F | | | | 95°F | | | | 105°F | | | | 115°F | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | MBh | 46.66 | 47.67 | 50.93 | 54.45 | 45.57 | 46.57 | 49.75 | 53.18 | 44.49 | 45.46 | 48.56 | 51.92 | 43.40 | 44.35 | 47.38 | 50.65 | 41.23 | 42.13 | 45.01 | 48.12 | 38.19 | 39.03 | 41.69 | 44.57 |
| | S/T | 0.95 | 0.89 | 0.73 | 0.54 | 1.00 | 0.93 | 0.75 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 1.00 | 0.80 | 0.60 | 1.00 | 1.00 | 0.83 | 0.62 | 1.00 | 1.00 | 0.83 | 0.62 |
| | ΔT | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 22 | 23 | 19 | 15 | 21 | 22 | 19 | 15 | 20 | 20 | 18 | 14 |
| | KW | 3.20 | 3.26 | 3.36 | 3.47 | 3.44 | 3.51 | 3.62 | 3.73 | 3.64 | 3.72 | 3.84 | 3.96 | 3.83 | 3.91 | 4.03 | 4.17 | 3.98 | 4.07 | 4.20 | 4.34 | 4.12 | 4.21 | 4.35 | 4.49 |
| | Amps | 11.7 | 12.0 | 12.4 | 12.8 | 12.6 | 12.9 | 13.4 | 13.8 | 13.7 | 14.0 | 14.5 | 15.0 | 14.6 | 15.0 | 15.5 | 16.1 | 15.6 | 16.0 | 16.5 | 17.1 | 16.5 | 16.9 | 17.5 | 18.1 |
| | Hi PR | 226 | 243 | 256 | 267 | 253 | 272 | 288 | 300 | 288 | 310 | 327 | 341 | 328 | 353 | 372 | 389 | 369 | 397 | 419 | 437 | 407 | 438 | 463 | 483 |
| | Lo PR | 111 | 118 | 128 | 137 | 117 | 124 | 136 | 144 | 121 | 129 | 141 | 150 | 127 | 136 | 148 | 158 | 134 | 142 | 155 | 165 | 138 | 147 | 161 | 171 |
| | MBh | 45.3 | 46.3 | 49.5 | 52.9 | 44.2 | 45.2 | 48.3 | 51.6 | 43.2 | 44.1 | 47.2 | 50.4 | 42.1 | 43.1 | 46.0 | 49.2 | 40.0 | 40.9 | 43.7 | 46.7 | 37.1 | 37.9 | 40.5 | 43.3 |
| | S/T | 0.91 | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.96 | 0.90 | 0.74 | 0.55 | 1.00 | 0.93 | 0.76 | 0.57 | 1.00 | 0.97 | 0.79 | 0.59 | 1.00 | 0.98 | 0.80 | 0.59 |
| | ΔT | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 23 | 23 | 20 | 16 | 21 | 21 | 19 | 15 |
| KW | 3.18 | 3.24 | 3.34 | 3.44 | 3.41 | 3.48 | 3.59 | 3.70 | 3.62 | 3.69 | 3.81 | 3.93 | 3.80 | 3.88 | 4.00 | 4.13 | 3.95 | 4.04 | 4.17 | 4.30 | 4.09 | 4.18 | 4.31 | 4.45 | |
| Amps | 11.6 | 11.9 | 12.3 | 12.7 | 12.5 | 12.8 | 13.2 | 13.7 | 13.6 | 13.9 | 14.4 | 14.9 | 14.5 | 14.9 | 15.4 | 15.9 | 15.4 | 15.8 | 16.3 | 16.9 | 16.3 | 16.7 | 17.3 | 17.9 | |
| Hi PR | 223 | 240 | 254 | 265 | 251 | 270 | 285 | 297 | 285 | 307 | 324 | 338 | 325 | 349 | 369 | 385 | 365 | 393 | 415 | 433 | 403 | 434 | 458 | 478 | |
| Lo PR | 109 | 116 | 127 | 135 | 116 | 123 | 134 | 143 | 120 | 128 | 140 | 149 | 126 | 134 | 147 | 156 | 132 | 141 | 154 | 164 | 137 | 146 | 159 | 169 | |
| MBh | 41.8 | 42.7 | 45.6 | 48.8 | 40.8 | 41.7 | 44.6 | 47.7 | 39.9 | 40.7 | 43.5 | 46.5 | 38.9 | 39.7 | 42.5 | 45.4 | 36.9 | 37.8 | 40.3 | 43.1 | 34.2 | 35.0 | 37.4 | 39.9 | |
| S/T | 0.88 | 0.82 | 0.67 | 0.50 | 0.91 | 0.85 | 0.69 | 0.52 | 0.93 | 0.87 | 0.71 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 1.00 | 0.93 | 0.76 | 0.57 | 1.00 | 0.94 | 0.77 | 0.57 | |
| ΔT | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 23 | 22 | 19 | 15 | |
| KW | 3.10 | 3.17 | 3.26 | 3.36 | 3.33 | 3.40 | 3.50 | 3.61 | 3.53 | 3.60 | 3.72 | 3.83 | 3.71 | 3.79 | 3.90 | 4.03 | 3.86 | 3.94 | 4.07 | 4.20 | 3.99 | 4.07 | 4.20 | 4.34 | |
| Amps | 11.3 | 11.6 | 11.9 | 12.4 | 12.2 | 12.5 | 12.9 | 13.4 | 13.2 | 13.5 | 14.0 | 14.5 | 14.1 | 14.5 | 14.9 | 15.5 | 15.0 | 15.4 | 15.9 | 16.5 | 15.9 | 16.3 | 16.8 | 17.5 | |
| Hi PR | 217 | 233 | 246 | 257 | 243 | 262 | 276 | 288 | 276 | 297 | 314 | 328 | 315 | 339 | 358 | 373 | 354 | 381 | 402 | 420 | 391 | 421 | 445 | 464 | |
| Lo PR | 106 | 113 | 123 | 131 | 112 | 119 | 130 | 139 | 117 | 124 | 135 | 144 | 122 | 130 | 142 | 151 | 128 | 137 | 149 | 159 | 133 | 141 | 154 | 164 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 85 | MBh | 47.47 | 48.39 | 50.68 | 54.07 | 46.37 | 47.26 | 49.50 | 52.81 | 45.26 | 46.14 | 48.32 | 51.55 | 44.16 | 45.01 | 47.14 | 50.29 | 41.95 | 42.76 | 44.79 | 47.78 | 38.86 | 39.61 | 41.49 | 44.26 |
| | S/T | 1.00 | 0.96 | 0.87 | 0.70 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.99 | 0.80 | 1.00 | 1.00 | 1.00 | 0.81 |
| | ΔT | 24 | 24 | 22 | 19 | 24 | 24 | 23 | 20 | 23 | 24 | 23 | 20 | 23 | 23 | 23 | 20 | 21 | 22 | 23 | 20 | 20 | 20 | 21 | 18 |
| | KW | 3.22 | 3.29 | 3.39 | 3.49 | 3.46 | 3.53 | 3.64 | 3.76 | 3.67 | 3.75 | 3.87 | 3.99 | 3.86 | 3.94 | 4.07 | 4.20 | 4.02 | 4.10 | 4.24 | 4.37 | 4.15 | 4.24 | 4.38 | 4.53 |
| | Amps | 11.8 | 12.1 | 12.5 | 12.9 | 12.7 | 13.1 | 13.5 | 14.0 | 13.8 | 14.2 | 14.6 | 15.2 | 14.8 | 15.1 | 15.6 | 16.2 | 15.7 | 16.1 | 16.6 | 17.3 | 16.6 | 17.0 | 17.6 | 18.3 |
| | Hi PR | 228 | 245 | 259 | 270 | 256 | 275 | 290 | 303 | 291 | 313 | 330 | 345 | 331 | 356 | 376 | 392 | 372 | 401 | 423 | 441 | 412 | 443 | 468 | 488 |
| | Lo PR | 112 | 119 | 130 | 138 | 118 | 125 | 137 | 146 | 123 | 130 | 142 | 152 | 129 | 137 | 150 | 159 | 135 | 144 | 157 | 167 | 140 | 148 | 162 | 173 |
| | MBh | 46.1 | 47.0 | 49.2 | 52.5 | 45.0 | 45.9 | 48.1 | 51.3 | 43.9 | 44.8 | 46.9 | 50.1 | 42.9 | 43.7 | 45.8 | 48.8 | 40.7 | 41.5 | 43.5 | 46.4 | 37.7 | 38.5 | 40.3 | 43.0 |
| | S/T | 0.95 | 0.92 | 0.83 | 0.67 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.77 | 1.00 | 1.00 | 0.95 | 0.77 |
| | ΔT | 25 | 25 | 23 | 20 | 26 | 25 | 24 | 21 | 25 | 25 | 24 | 21 | 25 | 25 | 24 | 21 | 23 | 24 | 24 | 20 | 22 | 22 | 22 | 19 |
| KW | 3.20 | 3.26 | 3.36 | 3.47 | 3.44 | 3.51 | 3.62 | 3.73 | 3.64 | 3.72 | 3.84 | 3.96 | 3.83 | 3.91 | 4.03 | 4.17 | 3.98 | 4.07 | 4.20 | 4.34 | 4.12 | 4.21 | 4.35 | 4.49 | |
| Amps | 11.7 | 12.0 | 12.4 | 12.8 | 12.6 | 12.9 | 13.4 | 13.8 | 13.7 | 14.0 | 14.5 | 15.0 | 14.6 | 15.0 | 15.5 | 16.1 | 15.6 | 16.0 | 16.5 | 17.1 | 16.5 | 16.9 | 17.5 | 18.1 | |
| Hi PR | 226 | 243 | 256 | 267 | 253 | 272 | 288 | 300 | 288 | 310 | 327 | 341 | 328 | 353 | 372 | 389 | 369 | 397 | 419 | 437 | 407 | 438 | 463 | 483 | |
| Lo PR | 111 | 118 | 128 | 137 | 117 | 124 | 136 | 144 | 121 | 129 | 141 | 150 | 127 | 136 | 148 | 158 | 134 | 142 | 155 | 165 | 138 | 147 | 161 | 171 | |
| MBh | 42.5 | 43.4 | 45.4 | 48.5 | 41.5 | 42.4 | 44.4 | 47.3 | 40.6 | 41.3 | 43.3 | 46.2 | 39.6 | 40.3 | 42.2 | 45.1 | 37.6 | 38.3 | 40.1 | 42.8 | 34.8 | 35.5 | 37.2 | 39.7 | |
| S/T | 0.92 | 0.89 | 0.80 | 0.65 | 0.95 | 0.92 | 0.83 | 0.67 | 0.98 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.92 | 0.74 | |
| ΔT | 26 | 25 | 24 | 21 | 26 | 26 | 24 | 21 | 26 | 26 | 24 | 21 | 26 | 26 | 24 | 21 | 25 | 25 | 24 | 21 | 23 | 23 | 22 | 19 | |
| KW | 3.13 | 3.19 | 3.29 | 3.39 | 3.36 | 3.42 | 3.53 | 3.64 | 3.56 | 3.63 | 3.75 | 3.87 | 3.74 | 3.82 | 3.94 | 4.06 | 3.89 | 3.97 | 4.10 | 4.23 | 4.02 | 4.11 | 4.24 | 4.38 | |
| Amps | 11.4 | 11.7 | 12.0 | 12.5 | 12.3 | 12.6 | 13.0 | 13.5 | 13.3 | 13.7 | 14.1 | 14.6 | 14.2 | 14.6 | 15.1 | 15.6 | 15.1 | 15.5 | 16.0 | 16.6 | 16.0 | 16.4 | 17.0 | 17.6 | |
| Hi PR | 219 | 235 | 249 | 259 | 245 | 264 | 279 | 291 | 279 | 300 | 317 | 331 | 318 | 342 | 361 | 377 | 358 | 385 | 406 | 424 | 395 | 425 | 449 | 466 | |
| Lo PR | 107 | 114 | 125 | 133 | 113 | 121 | 132 | 140 | 118 | 125 | 137 | 146 | 124 | 132 | 144 | 153 | 130 | 138 | 151 | 160 | 134 | 143 | 156 | 166 | |

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI (TVA) conditions
 KW = Total system power
 Amps = outdoor unit amps (comp.+fan)

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

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (ITVA) 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 | | | | |
| | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | |
| 80 | 1500 | MBh | 51.8 | 52.9 | 56.6 | 60.5 | 50.6 | 51.7 | 55.2 | 59.1 | 49.4 | 50.5 | 53.9 | 57.6 | 48.2 | 49.2 | 52.6 | 56.2 | 45.8 | 46.8 | 50.0 | 53.4 | 42.4 | 43.3 | 46.3 | 49.5 |
| | | S/T | 0.83 | 0.78 | 0.64 | 0.48 | 0.86 | 0.81 | 0.66 | 0.49 | 0.89 | 0.83 | 0.68 | 0.51 | 0.91 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.72 | 0.54 | 0.96 | 0.90 | 0.73 | 0.55 |
| | | ΔT | 26 | 25 | 22 | 18 | 27 | 26 | 22 | 18 | 27 | 26 | 22 | 18 | 27 | 26 | 23 | 18 | 27 | 26 | 22 | 18 | 25 | 24 | 21 | 17 |
| | | KW | 3.93 | 4.01 | 4.13 | 4.26 | 4.22 | 4.31 | 4.45 | 4.59 | 4.48 | 4.58 | 4.72 | 4.88 | 4.71 | 4.81 | 4.97 | 5.13 | 4.90 | 5.01 | 5.17 | 5.34 | 5.07 | 5.18 | 5.35 | 5.53 |
| | Amps | 14.7 | 15.1 | 15.6 | 16.1 | 15.9 | 16.3 | 16.8 | 17.5 | 17.3 | 17.7 | 18.3 | 19.0 | 18.5 | 19.0 | 19.6 | 20.4 | 19.7 | 20.2 | 20.9 | 21.7 | 20.9 | 21.4 | 22.2 | 23.0 | |
| | Hi PR | 234 | 251 | 265 | 277 | 262 | 282 | 298 | 311 | 298 | 321 | 339 | 353 | 339 | 365 | 386 | 402 | 382 | 411 | 434 | 453 | 422 | 454 | 479 | 500 | |
| | Lo PR | 104 | 110 | 120 | 128 | 109 | 116 | 127 | 135 | 114 | 121 | 132 | 141 | 119 | 127 | 139 | 148 | 125 | 133 | 145 | 155 | 129 | 138 | 150 | 160 | |
| | MBh | 56.1 | 57.4 | 61.3 | 65.5 | 54.8 | 56.0 | 59.9 | 64.0 | 53.5 | 54.7 | 58.4 | 62.5 | 52.2 | 53.4 | 57.0 | 60.9 | 49.6 | 50.7 | 54.2 | 57.9 | 45.9 | 46.9 | 50.2 | 53.6 | |
| | S/T | 0.86 | 0.81 | 0.66 | 0.49 | 0.90 | 0.84 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.72 | 0.54 | 0.98 | 0.92 | 0.75 | 0.56 | 0.99 | 0.93 | 0.76 | 0.57 | |
| | ΔT | 25 | 24 | 21 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | 21 | 17 | 24 | 23 | 20 | 16 | |
| | KW | 4.02 | 4.11 | 4.23 | 4.37 | 4.33 | 4.42 | 4.56 | 4.70 | 4.59 | 4.69 | 4.84 | 5.00 | 4.83 | 4.93 | 5.09 | 5.26 | 5.03 | 5.14 | 5.31 | 5.48 | 5.20 | 5.32 | 5.49 | 5.67 | |
| | Amps | 15.1 | 15.5 | 16.0 | 16.6 | 16.4 | 16.8 | 17.3 | 18.0 | 17.8 | 18.2 | 18.8 | 19.6 | 19.0 | 19.5 | 20.2 | 20.9 | 20.3 | 20.8 | 21.5 | 22.3 | 21.5 | 22.0 | 22.8 | 23.7 | |
| Hi PR | 241 | 259 | 274 | 285 | 270 | 291 | 307 | 320 | 307 | 331 | 349 | 364 | 350 | 377 | 398 | 415 | 394 | 424 | 447 | 467 | 435 | 468 | 494 | 515 | | |
| Lo PR | 107 | 114 | 124 | 132 | 113 | 120 | 131 | 140 | 117 | 125 | 136 | 145 | 123 | 131 | 143 | 152 | 129 | 137 | 150 | 160 | 133 | 142 | 155 | 165 | | |
| MBh | 57.8 | 59.1 | 63.1 | 67.5 | 56.5 | 57.7 | 61.6 | 65.9 | 55.1 | 56.3 | 60.2 | 64.3 | 53.8 | 55.0 | 58.7 | 62.8 | 51.1 | 52.2 | 55.8 | 59.6 | 47.3 | 48.4 | 51.7 | 55.2 | | |
| S/T | 0.91 | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.96 | 0.90 | 0.74 | 0.55 | 1.00 | 0.93 | 0.76 | 0.57 | 1.00 | 0.97 | 0.79 | 0.59 | 1.00 | 1.00 | 0.79 | 0.59 | | |
| ΔT | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 25 | 24 | 20 | 16 | 23 | 23 | 20 | 16 | 22 | 22 | 19 | 15 | | |
| KW | 4.05 | 4.14 | 4.27 | 4.40 | 4.36 | 4.45 | 4.59 | 4.74 | 4.63 | 4.73 | 4.88 | 5.04 | 4.87 | 4.97 | 5.13 | 5.30 | 5.07 | 5.18 | 5.35 | 5.53 | 5.24 | 5.36 | 5.54 | 5.72 | | |
| Amps | 15.2 | 15.6 | 16.1 | 16.7 | 16.5 | 16.9 | 17.5 | 18.1 | 18.0 | 18.4 | 19.0 | 19.8 | 19.2 | 19.7 | 20.4 | 21.1 | 20.5 | 21.0 | 21.7 | 22.5 | 21.7 | 22.3 | 23.0 | 23.9 | | |
| Hi PR | 243 | 262 | 276 | 288 | 273 | 294 | 310 | 323 | 310 | 334 | 353 | 368 | 353 | 380 | 402 | 419 | 398 | 428 | 452 | 471 | 439 | 473 | 499 | 521 | | |
| Lo PR | 108 | 115 | 125 | 133 | 114 | 121 | 132 | 141 | 118 | 126 | 137 | 146 | 124 | 132 | 144 | 154 | 130 | 139 | 151 | 161 | 135 | 143 | 157 | 167 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85 | 1500 | MBh | 52.7 | 53.7 | 56.3 | 60.0 | 51.5 | 52.5 | 55.0 | 58.6 | 50.3 | 51.2 | 53.7 | 57.2 | 49.0 | 50.0 | 52.3 | 55.8 | 46.6 | 47.5 | 49.7 | 53.1 | 43.1 | 44.0 | 46.1 | 49.1 |
| | | S/T | 0.87 | 0.84 | 0.76 | 0.62 | 0.91 | 0.87 | 0.79 | 0.64 | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.93 | 0.83 | 0.68 | 1.00 | 0.96 | 0.87 | 0.70 | 1.00 | 1.00 | 0.97 | 0.87 |
| | | ΔT | 28 | 28 | 26 | 23 | 29 | 28 | 27 | 23 | 29 | 28 | 27 | 23 | 29 | 28 | 27 | 23 | 28 | 28 | 26 | 23 | 26 | 26 | 25 | 21 |
| | | KW | 3.96 | 4.04 | 4.17 | 4.30 | 4.26 | 4.35 | 4.48 | 4.62 | 4.52 | 4.61 | 4.76 | 4.92 | 4.75 | 4.85 | 5.01 | 5.17 | 4.94 | 5.05 | 5.22 | 5.39 | 5.11 | 5.23 | 5.40 | 5.58 |
| | Amps | 14.8 | 15.2 | 15.7 | 16.3 | 16.0 | 16.4 | 17.0 | 17.6 | 17.5 | 17.9 | 18.5 | 19.2 | 18.7 | 19.1 | 19.8 | 20.5 | 19.9 | 20.4 | 21.1 | 21.9 | 21.1 | 21.6 | 22.4 | 23.2 | |
| | Hi PR | 236 | 254 | 268 | 280 | 265 | 285 | 301 | 314 | 301 | 324 | 342 | 357 | 343 | 369 | 390 | 406 | 386 | 415 | 438 | 457 | 426 | 459 | 484 | 505 | |
| | Lo PR | 105 | 111 | 121 | 129 | 110 | 118 | 128 | 137 | 115 | 122 | 133 | 142 | 121 | 128 | 140 | 149 | 126 | 134 | 147 | 156 | 131 | 139 | 152 | 162 | |
| | MBh | 57.1 | 58.2 | 61.0 | 65.0 | 55.8 | 56.9 | 59.6 | 63.5 | 54.5 | 55.5 | 58.1 | 62.0 | 53.1 | 54.2 | 56.7 | 60.5 | 50.5 | 51.4 | 53.9 | 57.5 | 46.7 | 47.7 | 49.9 | 53.2 | |
| | S/T | 0.91 | 0.87 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.96 | 0.87 | 0.70 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.91 | 0.74 | |
| | ΔT | 27 | 27 | 25 | 22 | 28 | 27 | 26 | 22 | 28 | 27 | 26 | 22 | 28 | 27 | 26 | 22 | 27 | 27 | 25 | 22 | 25 | 25 | 24 | 21 | |
| | KW | 4.05 | 4.14 | 4.27 | 4.40 | 4.36 | 4.45 | 4.59 | 4.74 | 4.63 | 4.73 | 4.88 | 5.04 | 4.87 | 4.97 | 5.13 | 5.30 | 5.07 | 5.18 | 5.35 | 5.53 | 5.24 | 5.36 | 5.54 | 5.72 | |
| | Amps | 15.2 | 15.6 | 16.1 | 16.7 | 16.5 | 16.9 | 17.5 | 18.1 | 18.0 | 18.4 | 19.0 | 19.8 | 19.2 | 19.7 | 20.4 | 21.1 | 20.5 | 21.0 | 21.7 | 22.5 | 21.7 | 22.3 | 23.0 | 23.9 | |
| Hi PR | 243 | 262 | 276 | 288 | 273 | 294 | 310 | 323 | 310 | 334 | 353 | 368 | 353 | 380 | 402 | 419 | 398 | 428 | 452 | 471 | 439 | 473 | 499 | 521 | | |
| Lo PR | 108 | 115 | 125 | 133 | 114 | 121 | 132 | 141 | 118 | 126 | 137 | 146 | 124 | 132 | 144 | 154 | 130 | 139 | 151 | 161 | 135 | 143 | 157 | 167 | | |
| MBh | 58.8 | 60.0 | 62.8 | 67.0 | 57.5 | 58.6 | 61.3 | 65.4 | 56.1 | 57.2 | 59.9 | 63.9 | 54.7 | 55.8 | 58.4 | 62.3 | 52.0 | 53.0 | 55.5 | 59.2 | 48.2 | 49.1 | 51.4 | 54.8 | | |
| S/T | 0.95 | 0.92 | 0.83 | 0.67 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.97 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.95 | 0.77 | | |
| ΔT | 26 | 25 | 24 | 21 | 26 | 26 | 24 | 21 | 26 | 26 | 24 | 21 | 25 | 26 | 24 | 21 | 24 | 24 | 24 | 21 | 22 | 23 | 22 | 19 | | |
| KW | 4.09 | 4.17 | 4.30 | 4.44 | 4.39 | 4.49 | 4.63 | 4.78 | 4.67 | 4.77 | 4.92 | 5.08 | 4.91 | 5.01 | 5.18 | 5.35 | 5.11 | 5.22 | 5.39 | 5.57 | 5.29 | 5.40 | 5.58 | 5.77 | | |
| Amps | 15.4 | 15.8 | 16.3 | 16.9 | 16.7 | 17.1 | 17.6 | 18.3 | 18.1 | 18.6 | 19.2 | 19.9 | 19.4 | 19.9 | 20.6 | 21.3 | 20.7 | 21.2 | 21.9 | 22.7 | 21.9 | 22.5 | 23.2 | 24.1 | | |
| Hi PR | 246 | 264 | 279 | 291 | 276 | 297 | 313 | 327 | 313 | 337 | 356 | 371 | 357 | 384 | 406 | 423 | 402 | 432 | 456 | 476 | 444 | 477 | 504 | 526 | | |
| Lo PR | 109 | 116 | 126 | 135 | 115 | 122 | 134 | 142 | 120 | 127 | 139 | 148 | 126 | 134 | 146 | 155 | 132 | 140 | 153 | 163 | 136 | 145 | 158 | 168 | | |

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI (TVA) conditions
 KW = Total system power
 Amps = outdoor unit amps (comp.+fan)

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

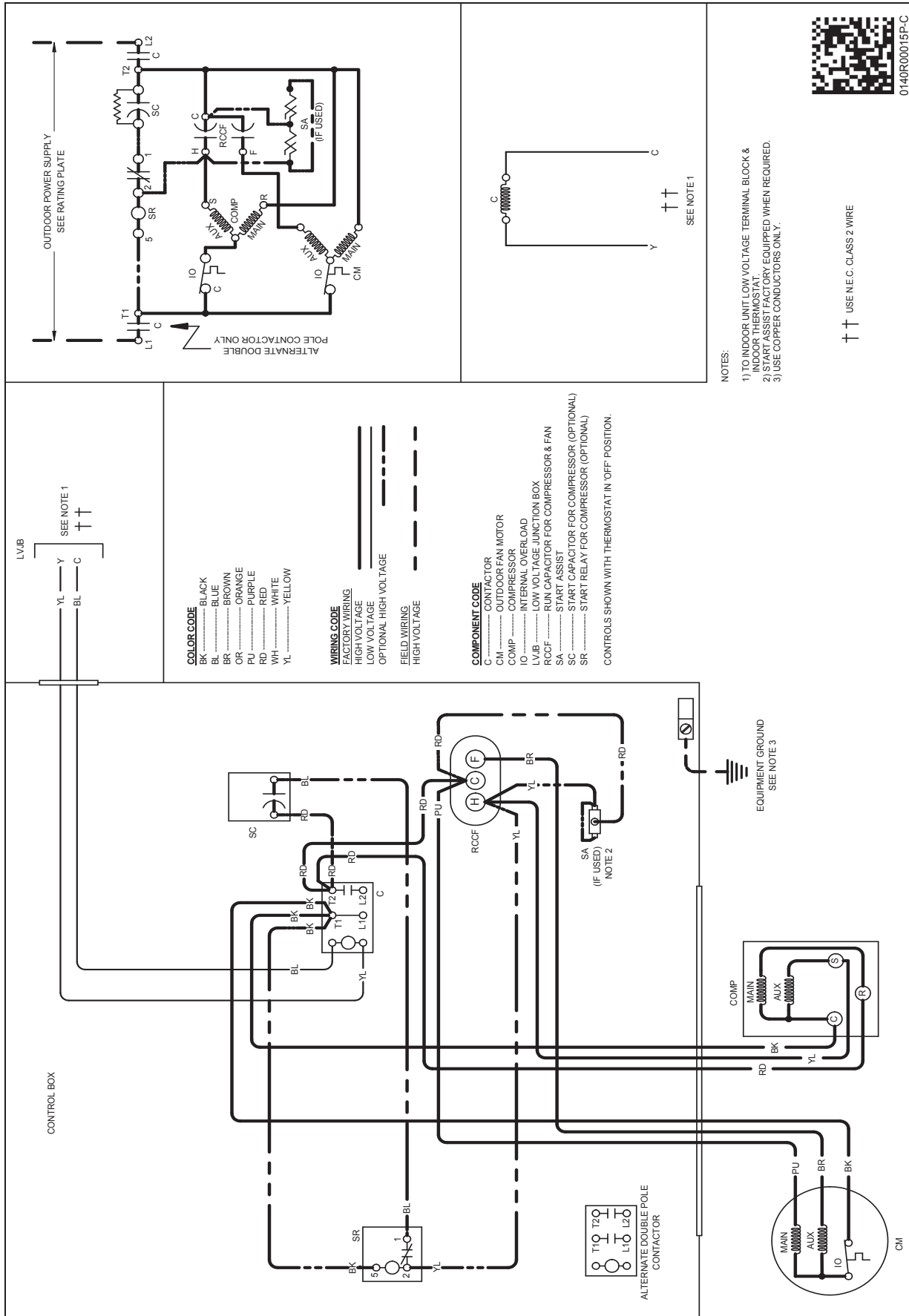
EXPANDED COOLING DATA — VSX130611*/CA*F4961*6D*+EEP (CONT.)

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

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI conditions
 Amps = outdoor unit amps (comp.+fan)
 kW = Total system power

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------|-----------|-----------------|------|------|--|-----|-------------------------------------|-----------|-----------|-------------|-----|----|------|-------------------|--|-------|-----------------|------|------|------|-------------|-----|----|-----|--|--|--|-------------|----|----|-----|--|--|--|-------------|----|----|-----|--|--|--|-------------|----|----|-----|--|--|--|-------------|----|----|-----|--|--|--|-------------|----|----|-----|--|--|--|-------------|----|----|----|--|--|--|-------------|-----|-----|-----|--|--|--|
| 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E | D | C | B | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">ECON</td> <td style="width:10%;">REV</td> <td style="width:10%;">ZONE</td> <td style="width:25%;">DESCRIPTION</td> <td style="width:10%;">CHK</td> <td style="width:10%;">DR</td> <td style="width:10%;">DATE</td> </tr> <tr> <td>XXXXXX</td> <td>A</td> <td>XXXXX</td> <td>INITIAL RELEASE</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table> | | ECON | REV | ZONE | DESCRIPTION | CHK | DR | DATE | XXXXXX | A | XXXXX | INITIAL RELEASE | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ECON | REV | ZONE | DESCRIPTION | CHK | DR | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XXXXXX | A | XXXXX | INITIAL RELEASE | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">MODEL</td> <td style="width:10%;">W"</td> <td style="width:10%;">D"</td> <td style="width:25%;">H"</td> <td colspan="3"></td> </tr> <tr> <td colspan="7" style="text-align:center;">DIMENSIONS</td> </tr> <tr> <td>VSX130181E*</td> <td>23</td> <td>23</td> <td>25%</td> <td colspan="3"></td> </tr> <tr> <td>VSX130241F*</td> <td>23</td> <td>23</td> <td>25%</td> <td colspan="3"></td> </tr> <tr> <td>VSX130301L*</td> <td>26</td> <td>26</td> <td>32½</td> <td colspan="3"></td> </tr> <tr> <td>VSX130361E*</td> <td>26</td> <td>26</td> <td>27½</td> <td colspan="3"></td> </tr> <tr> <td>VSX130421A*</td> <td>29</td> <td>29</td> <td>36%</td> <td colspan="3"></td> </tr> <tr> <td>VSX130481A*</td> <td>29</td> <td>29</td> <td>36%</td> <td colspan="3"></td> </tr> <tr> <td>VSX130601B*</td> <td>29</td> <td>29</td> <td>40</td> <td colspan="3"></td> </tr> <tr> <td>VSX130611A*</td> <td>35½</td> <td>35½</td> <td>38¾</td> <td colspan="3"></td> </tr> </table> | | MODEL | W" | D" | H" | | | | DIMENSIONS | | | | | | | VSX130181E* | 23 | 23 | 25% | | | | VSX130241F* | 23 | 23 | 25% | | | | VSX130301L* | 26 | 26 | 32½ | | | | VSX130361E* | 26 | 26 | 27½ | | | | VSX130421A* | 29 | 29 | 36% | | | | VSX130481A* | 29 | 29 | 36% | | | | VSX130601B* | 29 | 29 | 40 | | | | VSX130611A* | 35½ | 35½ | 38¾ | | | |
| MODEL | W" | D" | H" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DIMENSIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VSX130181E* | 23 | 23 | 25% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VSX130241F* | 23 | 23 | 25% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VSX130301L* | 26 | 26 | 32½ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VSX130361E* | 26 | 26 | 27½ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VSX130421A* | 29 | 29 | 36% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VSX130481A* | 29 | 29 | 36% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VSX130601B* | 29 | 29 | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VSX130611A* | 35½ | 35½ | 38¾ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align:center;">Goodman Manufacturing Company, L.P.</td> <td colspan="2" style="text-align:center;">VSX13</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td style="width:50%; font-size:small;">DRAWING TO BE INTERPRETED IN ACCORDANCE WITH ASME Y14.5-2009 UNLESS OTHERWISE SPECIFIED.</td> <td style="width:10%; font-size:small;">DATE</td> <td style="width:10%; font-size:small;">CHK BY</td> <td style="width:10%; font-size:small;">DATE</td> <td style="width:10%; font-size:small;">DATE</td> <td style="width:10%; font-size:small;">DATE</td> <td style="width:10%; font-size:small;">REV</td> <td style="width:10%; font-size:small;">REV</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td style="text-align:center;">A</td> <td style="text-align:center;">A</td> </tr> </table> | | Goodman Manufacturing Company, L.P. | | VSX13 | | | | | | DRAWING TO BE INTERPRETED IN ACCORDANCE WITH ASME Y14.5-2009 UNLESS OTHERWISE SPECIFIED. | DATE | CHK BY | DATE | DATE | DATE | REV | REV | | | | | | | A | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Goodman Manufacturing Company, L.P. | | VSX13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAWING TO BE INTERPRETED IN ACCORDANCE WITH ASME Y14.5-2009 UNLESS OTHERWISE SPECIFIED. | DATE | CHK BY | DATE | DATE | DATE | REV | REV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | A | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | <p style="font-size:small;">COMPONENTS AND MATERIALS SPECIFIED HEREIN WILL ALSO CONFORM TO THE APPLICABLE SECTION OF GOODMAN MSP (S&M) WORKMANSHIP STANDARD FOR FIT, FEEL AND FINISH.</p> <p style="font-size:small;">CONFIDENTIAL PROPERTY OF THE GOODMAN MANUFACTURING COMPANY, L.P. NOT TO BE DISCLOSED TO OTHERS, COPIED, OR USED FOR ANY PURPOSE EXCEPT AS AUTHORIZED IN WRITING. MUST BE RETURNED UPON DEMAND ON COMPLETION OF ORDER OR OTHER PURPOSE FOR WHICH IT WAS LENT. USE CUT TO SIZE.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | <p style="font-size:small;">SPECIAL CHARACTERISTICS</p> <p style="font-size:small;">⊕ = 6SIGMA ⊕ = CRITICAL CHARACTERISTIC ⊕ = SIGNIFICANT CHARACTERISTIC</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E | D | C | B | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

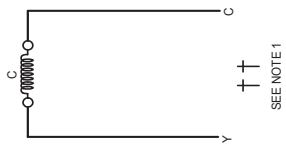
W: Width, D: Depth, H: Height



0140R00015P-C

NOTES:

- 1) TO INDOOR UNIT LOW VOLTAGE TERMINAL BLOCK & INDOOR THERMOSTAT.
- 2) START ASSIST FACTORY EQUIPPED WHEN REQUIRED.
- 3) USE COPPER CONDUCTORS ONLY.

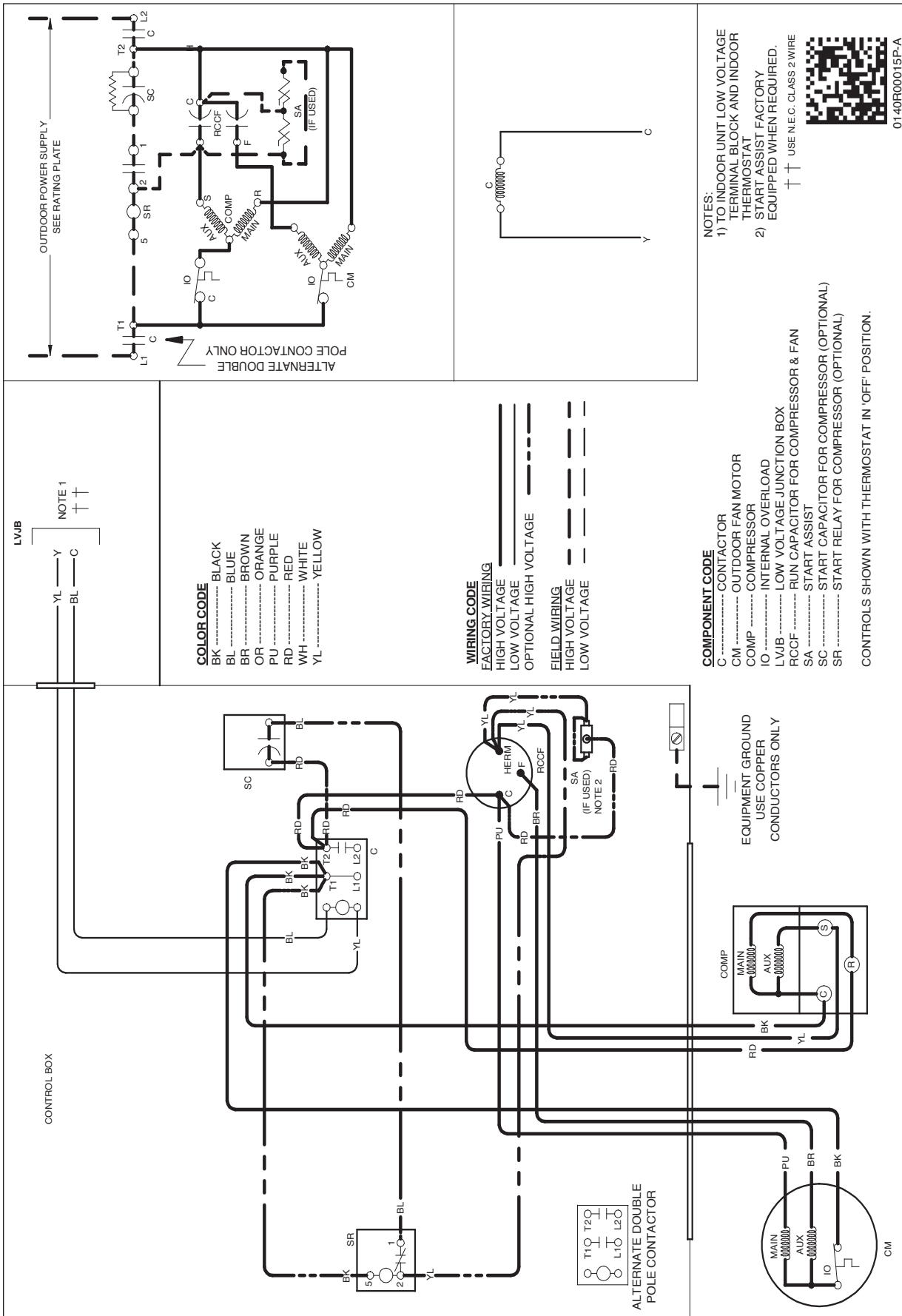


†† USE N.E.C. CLASS 2 WIRE

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.



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

WARNING

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

| MODEL # | DESCRIPTION | VSX13 018E* | VSX13 024F* | VSX13 030C*/L* | VSX13 036E* | VSX13 042** | VSX13 048** | VSX13 060** | VSX13 061** |
|---------------------|--------------------------|----------------|----------------|-------------------|----------------|----------------|----------------|----------------|----------------|
| ABK-20 | Anchor Bracket Kit ^ | | X | X | X | X | X | X | X |
| ABK-21 | Anchor Bracket Kit ^ | X | | | | | | | |
| ASC-01 | Anti-Short Cycle Kit | X | X | X | X | X | X | X | X |
| CSR-U-1 | Hard-start Kit | X | X | X | X | | | | |
| CSR-U-2 | Hard-start Kit | | | | | X | X | X | X |
| CSR-U-3 | Hard-start Kit | | | | | | X | X | X |
| FSK01A ¹ | Freeze Protection Kit | X | X | X | X | X | X | X | X |
| LSK02A ² | Liquid Line Solenoid Kit | X | X | X | X | X | X | X | X |
| 0130R00000S | Low-Pressure Switch Kit | X | X | X | X | X | X | X | X |
| LAKT01A | Low-Ambient Kit | X | X | X | X | X | X | X | X |
| TX2N4A ² | TXV Kit | X | X | | | | | | |
| TX3N4 ² | TXV Kit | | | X | X | | | | |
| TX5N4 ² | TXV Kit | | | | | X | X | X | X |

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

¹ Installed on indoor coil

² Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit. The TXV should always be sized based on the tonnage of the outdoor unit.

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

