Goodman®
Air Conditioning & Heating

# GSZC18

*Cooling Capacity: 23,000 - 56,500 BTU/h*
*Heating Capacity: 22,000 - 59,500 BTU/h*

## *High-Efficiency Split System Heat Pump Up to 19 SEER & 10 HSPF*


ComfortBridge™ technology

CoolCloud™

***Contents***



### *Standard Features*

- High-efficiency two-stage scroll compressor
- High-density foam compressor sound blanket
- Integrated communicating ComfortBridge™ Technology
- Commissioning and diagnostics via indoor board Bluetooth with the CoolCloud™ phone and tablet application
- Expanded ComfortAlert diagnostics built in
- Set-up capable with two low-voltage wires to outdoor unit
- Diagnostic indicator lights and storage of six fault codes
- Color-coded terminal strip for non-communicating set-up
- SmartShift® technology with short-cycle protection to ensure quiet, reliable defrost
- Factory-installed bi-flow liquid-line filter drier
- Factory-installed transformer
- Factory-installed suction-line accumulator
- Factory-installed compressor crankcase heater
- Factory-installed high-capacity muffler
- Factory-installed coil and ambient temperature sensors
- High- and low-pressure switches
- Quiet ECM-style condenser fan motor
- AHRI Certified; ETL Listed

### *Cabinet Features*

- Goodman® brand sound control top design
- Heavy-gauge galvanized-steel cabinet
- Appliance-quality powder-paint finish with 500-hour salt-spray approval
- Wire fan discharge grille
- Steel louver coil guard
- Baked-on powder paint finish
- Top and side maintenance access
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

ASK ABOUT ENERGY STAR

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

LIFETIME COMPRESSOR LIMITED WARRANTY* | 10 YEAR UNIT REPLACEMENT LIMITED WARRANTY* | 10 YEAR PARTS LIMITED WARRANTY*

Intertek

AHRI CERTIFIED

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

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

BBB ACCREDITED BUSINESS

* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the Lifetime Compressor Limited Warranty (good for as long as you own your home), 10-Year Compressor Replacement Limited Warranty and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec.

| G | S | Z | C | 18 | 036 | 1 | AA |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5,6 | 7,8,9 | 10 | 11,12 |

**Brand**

G Goodman® Brand High Feature Set

**Product Category**

S Split System

**Unit Type**

X Condenser R-410A

Z Heat Pump R-410A

**Communication Feature**

C Integrated communicating ComfortBridge™ Technology

**Efficiency**

16 16 SEER 18 18 SEER 20 20 SEER

**Nominal Capacity**

024 2 Tons 048 4 Tons

036 3 Tons 060 5 Tons

**Electrical**

1 - 208/230 V, 1 Phase, 60 Hz

**Engineering ***

Major/ Minor Revisions

* Not used for order or inventory control

| | GSZC18 0241C | GSZC18 0361C | GSZC18 0481C | GSZC18 0601C |
|---|---|---|---|---|
| **COOLING CAPACITY** | | | | |
| Cooling (BTU/h) | 23,800 | 34,800 | 49,500 | 56,500 |
| Heating (BTU/h) | 23,000 | 35,000 | 51,000 | 59,500 |
| Decibels | 68 | 72 | 75 | 75 |
| **COMPRESSOR** | | | | |
| RLA | 10.0 | 14.8 | 20.4 | 22.9 |
| LRA | 62.9 | 84.22 | 122.1 | 147.2 |
| **CONDENSER FAN MOTOR** | | | | |
| Horsepower (RPM) | ⅓ | ⅓ | ⅓ | ⅓ |
| FLA | 2.8 | 2.8 | 2.8 | 2.8 |
| **REFRIGERATION SYSTEM** | | | | |
| Refrigerant Line Size[1] | | | | |
| Liquid Line Size ("O.D.) | ⅜" | ⅜" | ⅜" | ⅜" |
| Suction Line Size ("O.D.) | ⅞" | ⅞" | 1⅛" | 1⅛" |
| Refrigerant Connection Size | | | | |
| Liquid Valve Size ("O.D.) | ⅜" | ⅜" | ⅜" | ⅜" |
| Suction Valve Size ("O.D.) | ⅞" | ⅞" | 1⅛" | 1⅛" |
| Valve Connection Type | Sweat | Sweat | Sweat | Sweat |
| Refrigerant Charge | 187 | 219 | 308 | 288 |
| Expansion Device | TXV | TXV | TXV | TXV |
| Superheat at Service Valve | 7-9°F | 7-9°F | 7-9°F | 7-9°F |
| Subcooling at Service Valve | | | | |
| High Stage | 8-10°F | 8-10°F | 8-10°F | 8-10°F |
| Low Stage | 5-7°F | 5-7°F | 5-7°F | 5-7°F |
| **ELECTRICAL DATA** | | | | |
| Voltage-Phase-Hz | 208/230-1-60 | 208/230-1-60 | 208/230-1-60 | 208/230-1-60 |
| Minimum Circuit Ampacity [2] | 15.3 | 21.3 | 28.3 | 31.4 |
| Max. Overcurrent Protection [3] | 25 | 35 | 45 | 50 |
| Min / Max Volts | 197 / 253 | 197 / 253 | 197 / 253 | 197 / 253 |
| Electrical Conduit Size | ½" or ¾" | ½" or ¾" | ½" or ¾" | ½" or ¾" |
| **UNIT WEIGHTS** | | | | |
| Equipment Weight (lbs.) | 230 | 260 | 316 | 319 |
| Ship Weight (lbs) | 250 | 280 | 336 | 339 |
| **ENERGY STAR CERTIFIED ^** | ENERGY STAR | ENERGY STAR | ENERGY STAR | ENERGY STAR |

^ Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov. The www.energystar.gov website provides up-to-date system combinations certified to meet ENERGY STAR requirements. See Page 18 for all ENERGY STAR-certified combinations as of this document's revision date.

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

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

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

**NOTES**

- Always check the rating plate for electrical data on the unit being installed.
- Installer will need to supply ⅞" to 1⅛" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of ⅜" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil. THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT, NOT THE INDOOR COIL.

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | AIRFLOW | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 460 | MBh | 18.1 | 18.4 | 18.9 | - | 18.0 | 18.2 | 18.8 | - | 17.5 | 17.8 | 18.3 | - | 16.7 | 17.0 | 17.5 | - | 15.7 | 16.0 | 16.5 | - | 14.8 | 15.1 | 15.6 | - |
| | | S/T | 0.62 | 0.55 | 0.42 | - | 0.63 | 0.56 | 0.43 | - | 0.65 | 0.58 | 0.45 | - | 0.67 | 0.60 | 0.47 | - | 1.00 | 0.62 | 0.49 | - | 1.00 | 0.67 | 0.54 | - |
| | | ΔT | 28 | 25 | 20 | - | 28 | 25 | 20 | - | 28 | 26 | 20 | - | 28 | 25 | 20 | - | 28 | 25 | 20 | - | 29 | 27 | 21 | - |
| | | kW | 0.64 | 0.64 | 0.64 | - | 0.73 | 0.73 | 0.73 | - | 0.83 | 0.83 | 0.82 | - | 0.93 | 0.93 | 0.93 | - | 1.05 | 1.05 | 1.05 | - | 1.19 | 1.19 | 1.19 | - |
| | | Amps | 2.8 | 2.8 | 2.8 | - | 3.2 | 3.2 | 3.2 | - | 3.6 | 3.6 | 3.6 | - | 4.1 | 4.1 | 4.1 | - | 4.7 | 4.7 | 4.7 | - | 5.3 | 5.3 | 5.3 | - |
| | | Hi PR | 189 | 189 | 191 | - | 218 | 219 | 220 | - | 249 | 250 | 251 | - | 282 | 283 | 285 | - | 318 | 319 | 320 | - | 357 | 357 | 359 | - |
| | | Lo PR | 123 | 125 | 128 | - | 131 | 132 | 135 | - | 137 | 138 | 142 | - | 142 | 144 | 147 | - | 148 | 149 | 152 | - | 155 | 156 | 159 | - |
| | 520 | MBh | 18.4 | 18.7 | 19.2 | - | 18.3 | 18.5 | 19.1 | - | 17.8 | 18.1 | 18.6 | - | 17.0 | 17.3 | 17.8 | - | 16.0 | 16.3 | 16.8 | - | 15.1 | 15.4 | 15.9 | - |
| | | S/T | 0.66 | 0.58 | 0.46 | - | 0.66 | 0.59 | 0.46 | - | 0.68 | 0.61 | 0.49 | - | 1.00 | 0.63 | 0.50 | - | 1.00 | 0.65 | 0.53 | - | 1.00 | 0.70 | 0.57 | - |
| | | ΔT | 27 | 24 | 19 | - | 26 | 24 | 19 | - | 27 | 24 | 19 | - | 26 | 24 | 19 | - | 26 | 23 | 18 | - | 28 | 25 | 20 | - |
| | | kW | 0.65 | 0.65 | 0.64 | - | 0.73 | 0.73 | 0.73 | - | 0.83 | 0.83 | 0.83 | - | 0.94 | 0.94 | 0.93 | - | 1.05 | 1.05 | 1.05 | - | 1.19 | 1.19 | 1.19 | - |
| | | Amps | 2.8 | 2.8 | 2.8 | - | 3.2 | 3.2 | 3.2 | - | 3.7 | 3.7 | 3.7 | - | 4.1 | 4.1 | 4.1 | - | 4.7 | 4.7 | 4.7 | - | 5.3 | 5.3 | 5.3 | - |
| | | Hi PR | 190 | 191 | 192 | - | 220 | 221 | 222 | - | 251 | 252 | 253 | - | 284 | 285 | 286 | - | 320 | 321 | 322 | - | 358 | 359 | 360 | - |
| | | Lo PR | 125 | 127 | 130 | - | 133 | 134 | 137 | - | 139 | 141 | 144 | - | 145 | 146 | 149 | - | 150 | 151 | 154 | - | 157 | 158 | 161 | - |
| | 585 | MBh | 18.8 | 19.1 | 19.6 | - | 18.7 | 18.9 | 19.5 | - | 18.2 | 18.5 | 19.0 | - | 17.4 | 17.6 | 18.2 | - | 16.4 | 16.7 | 17.2 | - | 15.5 | 15.8 | 16.3 | - |
| | | S/T | 0.66 | 0.59 | 0.47 | - | 0.67 | 0.60 | 0.47 | - | 0.69 | 0.62 | 0.50 | - | 1.00 | 0.64 | 0.51 | - | 1.00 | 0.66 | 0.53 | - | 1.00 | 0.71 | 0.58 | - |
| | | ΔT | 25 | 22 | 17 | - | 25 | 22 | 17 | - | 25 | 23 | 18 | - | 25 | 22 | 17 | - | 25 | 22 | 17 | - | 26 | 24 | 19 | - |
| | | kW | 0.65 | 0.65 | 0.65 | - | 0.74 | 0.74 | 0.73 | - | 0.83 | 0.83 | 0.83 | - | 0.94 | 0.94 | 0.94 | - | 1.06 | 1.06 | 1.06 | - | 1.20 | 1.19 | 1.19 | - |
| | | Amps | 2.8 | 2.8 | 2.8 | - | 3.2 | 3.2 | 3.2 | - | 3.7 | 3.7 | 3.7 | - | 4.2 | 4.2 | 4.2 | - | 4.7 | 4.7 | 4.7 | - | 5.3 | 5.3 | 5.3 | - |
| | | | 192 | 193 | 194 | - | 222 | 222 | 224 | - | 253 | 253 | 255 | - | 286 | 287 | 288 | - | 322 | 323 | 324 | - | 360 | 361 | 362 | - |
| | | Lo PR | 128 | 129 | 132 | - | 135 | 137 | 140 | - | 142 | 143 | 146 | - | 147 | 149 | 152 | - | 152 | 154 | 157 | - | 159 | 161 | 164 | - |
| 75 | 460 | MBh | 18.2 | 18.4 | 18.9 | 19.8 | 18.0 | 18.2 | 18.8 | 19.6 | 17.5 | 17.8 | 18.3 | 19.1 | 16.7 | 17.0 | 17.5 | 18.3 | 15.7 | 16.0 | 16.5 | 17.3 | 14.8 | 15.1 | 15.6 | 16.4 |
| | | S/T | 0.74 | 0.67 | 0.55 | 0.4 | 0.75 | 0.68 | 0.55 | 0.4 | 1.00 | 0.70 | 0.57 | 0.4 | 1.00 | 0.72 | 0.59 | 0.5 | 1.00 | 0.74 | 0.61 | 0.5 | 1.00 | 1.00 | 0.66 | 0.5 |
| | | ΔT | 34 | 31 | 26 | 21 | 34 | 31 | 26 | 21 | 34 | 32 | 26 | 21 | 34 | 31 | 26 | 21 | 34 | 31 | 26 | 20 | 35 | 33 | 27 | 22.1 |
| | | kW | 0.64 | 0.64 | 0.64 | 0.6 | 0.73 | 0.73 | 0.73 | 0.7 | 0.83 | 0.83 | 0.82 | 0.8 | 0.93 | 0.93 | 0.93 | 0.9 | 1.05 | 1.05 | 1.05 | 1.1 | 1.19 | 1.19 | 1.19 | 1.2 |
| | | Amps | 2.8 | 2.8 | 2.8 | 2.8 | 3.2 | 3.2 | 3.2 | 3.2 | 3.6 | 3.6 | 3.6 | 3.7 | 4.1 | 4.1 | 4.1 | 4.1 | 4.7 | 4.7 | 4.7 | 4.7 | 5.3 | 5.3 | 5.3 | 5.3 |
| | | Hi PR | 189 | 190 | 191 | 194 | 218 | 219 | 220 | 224 | 249 | 250 | 251 | 255 | 283 | 283 | 285 | 288 | 318 | 319 | 321 | 324 | 357 | 358 | 359 | 362 |
| | | Lo PR | 123 | 125 | 128 | 133 | 131 | 132 | 135 | 140 | 137 | 138 | 142 | 147 | 142 | 144 | 147 | 152 | 148 | 149 | 152 | 158 | 155 | 156 | 159 | 164 |
| | 520 | MBh | 18.4 | 18.7 | 19.2 | 20.1 | 18.3 | 18.5 | 19.1 | 19.9 | 17.8 | 18.1 | 18.6 | 19.4 | 17.0 | 17.3 | 17.8 | 18.6 | 16.0 | 16.3 | 16.8 | 17.6 | 15.1 | 15.4 | 15.9 | 16.7 |
| | | S/T | 0.78 | 0.70 | 0.58 | 0.4 | 0.78 | 0.71 | 0.58 | 0.5 | 1.00 | 0.73 | 0.61 | 0.5 | 1.00 | 0.75 | 0.63 | 0.5 | 1.00 | 0.77 | 0.65 | 0.5 | 1.00 | 1.00 | 0.69 | 0.6 |
| | | ΔT | 33 | 30 | 25 | 19 | 33 | 30 | 25 | 19 | 33 | 30 | 25 | 20 | 32 | 30 | 25 | 19 | 32 | 29 | 24 | 19 | 34 | 31 | 26 | 20.7 |
| | | kW | 0.65 | 0.64 | 0.64 | 0.7 | 0.73 | 0.73 | 0.73 | 0.7 | 0.83 | 0.83 | 0.83 | 0.8 | 0.94 | 0.93 | 0.93 | 0.9 | 1.05 | 1.05 | 1.05 | 1.1 | 1.19 | 1.19 | 1.19 | 1.2 |
| | | Amps | 2.8 | 2.8 | 2.8 | 2.8 | 3.2 | 3.2 | 3.2 | 3.2 | 3.7 | 3.7 | 3.7 | 3.7 | 4.1 | 4.1 | 4.1 | 4.2 | 4.7 | 4.7 | 4.7 | 4.7 | 5.3 | 5.3 | 5.3 | 5.3 |
| | | Hi PR | 190 | 191 | 193 | 196 | 220 | 221 | 222 | 225 | 251 | 252 | 253 | 256 | 284 | 285 | 286 | 290 | 320 | 321 | 322 | 325 | 358 | 359 | 361 | 364 |
| | | Lo PR | 125 | 127 | 130 | 135 | 133 | 134 | 137 | 142 | 139 | 141 | 144 | 149 | 145 | 146 | 149 | 154 | 150 | 151 | 154 | 160 | 157 | 158 | 161 | 166 |
| | 585 | MBh | 18.8 | 19.1 | 19.6 | 20.4 | 18.7 | 18.9 | 19.5 | 20.3 | 18.2 | 18.5 | 19.0 | 19.8 | 17.4 | 17.7 | 18.2 | 19.0 | 16.4 | 16.7 | 17.2 | 18.0 | 15.5 | 15.8 | 16.3 | 17.1 |
| | | S/T | 0.79 | 0.71 | 0.59 | 0.5 | 1.00 | 0.72 | 0.59 | 0.5 | 1.00 | 0.74 | 0.62 | 0.5 | 1.00 | 0.76 | 0.64 | 0.5 | 1.00 | 0.78 | 0.66 | 0.5 | 1.00 | 1.00 | 0.70 | 0.6 |
| | | ΔT | 31 | 28 | 23 | 18 | 31 | 28 | 23 | 18 | 32 | 29 | 24 | 18 | 31 | 28 | 23 | 18 | 31 | 28 | 23 | 18 | 32 | 30 | 25 | 19.3 |
| | | kW | 0.65 | 0.65 | 0.65 | 0.7 | 0.74 | 0.74 | 0.73 | 0.7 | 0.83 | 0.83 | 0.83 | 0.8 | 0.94 | 0.94 | 0.94 | 0.9 | 1.06 | 1.06 | 1.05 | 1.1 | 1.20 | 1.19 | 1.19 | 1.2 |
| | | Amps | 2.8 | 2.8 | 2.8 | 2.9 | 3.2 | 3.2 | 3.2 | 3.3 | 3.7 | 3.7 | 3.7 | 3.7 | 4.2 | 4.2 | 4.2 | 4.2 | 4.7 | 4.7 | 4.7 | 4.7 | 5.3 | 5.3 | 5.3 | 5.4 |
| | | | 192 | 193 | 194 | 198 | 222 | 223 | 224 | 227 | 253 | 253 | 255 | 258 | 286 | 287 | 288 | 291 | 322 | 323 | 324 | 327 | 360 | 361 | 362 | 366 |
| | | Lo PR | 128 | 129 | 132 | 138 | 135 | 137 | 140 | 145 | 142 | 143 | 146 | 151 | 147 | 149 | 152 | 157 | 152 | 154 | 157 | 162 | 159 | 161 | 164 | 169 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | AIRFLOW | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | 460 | MBh | 18.2 | 18.5 | 19.0 | 19.8 | 18.1 | 18.3 | 18.9 | 19.7 | 17.6 | 17.9 | 18.4 | 19.2 | 16.8 | 17.1 | 17.6 | 18.4 | 15.8 | 16.1 | 16.6 | 17.4 | 14.9 | 15.2 | 15.7 | 16.5 |
| | | S/T | 1.00 | 0.79 | 0.66 | 0.5 | 1.00 | 0.80 | 0.67 | 0.5 | 1.00 | 0.82 | 0.69 | 0.6 | 1.00 | 0.84 | 0.71 | 0.6 | 1.00 | 1.00 | 0.73 | 0.6 | 1.00 | 1.00 | 0.78 | 0.6 |
| | | ΔT | 40 | 37 | 32 | 27 | 40 | 37 | 32 | 27 | 40 | 38 | 33 | 27 | 40 | 37 | 32 | 27 | 40 | 37 | 32 | 26 | 41 | 39 | 33 | 28.2 |
| | | kW | 0.64 | 0.64 | 0.64 | 0.6 | 0.73 | 0.73 | 0.73 | 0.7 | 0.83 | 0.83 | 0.82 | 0.8 | 0.93 | 0.93 | 0.93 | 0.9 | 1.05 | 1.05 | 1.05 | 1.1 | 1.19 | 1.19 | 1.19 | 1.2 |
| | | Amps | 2.8 | 2.8 | 2.8 | 2.8 | 3.2 | 3.2 | 3.2 | 3.2 | 3.6 | 3.6 | 3.6 | 3.7 | 4.1 | 4.1 | 4.1 | 4.1 | 4.7 | 4.7 | 4.7 | 4.7 | 5.3 | 5.3 | 5.3 | 5.3 |
| | | Hi PR | 189 | 190 | 191 | 195 | 219 | 219 | 221 | 224 | 250 | 250 | 252 | 255 | 283 | 284 | 285 | 288 | 319 | 320 | 321 | 324 | 357 | 358 | 359 | 363 |
| | | Lo PR | 124 | 125 | 128 | 133 | 131 | 133 | 136 | 141 | 138 | 139 | 142 | 147 | 143 | 145 | 148 | 153 | 148 | 150 | 153 | 158 | 155 | 157 | 160 | 165 |
| | 520 | MBh | 18.5 | 18.8 | 19.3 | 20.1 | 18.4 | 18.6 | 19.2 | 20.0 | 17.9 | 18.2 | 18.7 | 19.5 | 17.1 | 17.4 | 17.9 | 18.7 | 16.1 | 16.4 | 16.9 | 17.7 | 15.2 | 15.5 | 16.0 | 16.8 |
| | | S/T | 1.00 | 0.82 | 0.70 | 0.6 | 1.00 | 0.83 | 0.70 | 0.6 | 1.00 | 0.85 | 0.72 | 0.6 | 1.00 | 1.00 | 0.74 | 0.6 | 1.00 | 1.00 | 0.76 | 0.6 | 1.00 | 1.00 | 0.81 | 0.7 |
| | | ΔT | 39 | 36 | 31 | 25 | 39 | 36 | 31 | 25 | 39 | 36 | 31 | 26 | 39 | 36 | 31 | 25 | 38 | 35 | 30 | 25 | 40 | 37 | 32 | 26.7 |
| | | kW | 0.65 | 0.65 | 0.64 | 0.7 | 0.73 | 0.73 | 0.73 | 0.7 | 0.83 | 0.83 | 0.83 | 0.8 | 0.94 | 0.94 | 0.93 | 0.9 | 1.05 | 1.05 | 1.05 | 1.1 | 1.19 | 1.19 | 1.19 | 1.2 |
| | | Amps | 2.8 | 2.8 | 2.8 | 2.8 | 3.2 | 3.2 | 3.2 | 3.2 | 3.7 | 3.7 | 3.7 | 3.7 | 4.1 | 4.1 | 4.1 | 4.2 | 4.7 | 4.7 | 4.7 | 4.7 | 5.3 | 5.3 | 5.3 | 5.3 |
| | | Hi PR | 191 | 192 | 193 | 196 | 220 | 221 | 222 | 226 | 251 | 252 | 253 | 257 | 285 | 285 | 287 | 290 | 320 | 321 | 323 | 326 | 359 | 360 | 361 | 364 |
| | | Lo PR | 126 | 127 | 130 | 136 | 133 | 135 | 138 | 143 | 140 | 141 | 144 | 149 | 145 | 147 | 150 | 155 | 150 | 152 | 155 | 160 | 157 | 159 | 162 | 167 |
| | 585 | MBh | 18.9 | 19.2 | 19.7 | 20.5 | 18.8 | 19.0 | 19.6 | 20.4 | 18.3 | 18.6 | 19.1 | 19.9 | 17.5 | 17.8 | 18.3 | 19.1 | 16.5 | 16.8 | 17.3 | 18.1 | 15.6 | 15.9 | 16.4 | 17.2 |
| | | S/T | 1.00 | 0.83 | 0.70 | 0.6 | 1.00 | 0.84 | 0.71 | 0.6 | 1.00 | 0.86 | 0.73 | 0.6 | 1.00 | 1.00 | 0.75 | 0.6 | 1.00 | 1.00 | 0.77 | 0.6 | 1.00 | 1.00 | 0.82 | 0.7 |
| | | ΔT | 37 | 35 | 29 | 24 | 37 | 34 | 29 | 24 | 38 | 35 | 30 | 24 | 37 | 34 | 29 | 24 | 37 | 34 | 29 | 24 | 39 | 36 | 31 | 25.4 |
| | | kW | 0.65 | 0.65 | 0.65 | 0.7 | 0.74 | 0.74 | 0.73 | 0.7 | 0.83 | 0.83 | 0.83 | 0.8 | 0.94 | 0.94 | 0.94 | 0.9 | 1.06 | 1.06 | 1.06 | 1.1 | 1.20 | 1.19 | 1.19 | 1.2 |
| | | Amps | 2.8 | 2.8 | 2.8 | 2.9 | 3.2 | 3.2 | 3.2 | 3.3 | 3.7 | 3.7 | 3.7 | 3.7 | 4.2 | 4.2 | 4.2 | 4.2 | 4.7 | 4.7 | 4.7 | 4.7 | 5.3 | 5.3 | 5.3 | 5.4 |
| | | | 193 | 193 | 195 | 198 | 222 | 223 | 224 | 227 | 253 | 254 | 255 | 258 | 286 | 287 | 288 | 292 | 322 | 323 | 324 | 328 | 361 | 361 | 363 | 366 |
| | | Lo PR | 128 | 130 | 133 | 138 | 136 | 137 | 140 | 145 | 142 | 144 | 147 | 152 | 148 | 149 | 152 | 157 | 153 | 155 | 158 | 163 | 160 | 161 | 164 | 169 |
| 85 | 460 | MBh | 18.5 | 18.8 | 19.3 | 20.2 | 18.4 | 18.6 | 19.2 | 20.0 | 17.9 | 18.2 | 18.7 | 19.5 | 17.1 | 17.4 | 17.9 | 18.7 | 16.1 | 16.4 | 16.9 | 17.7 | 15.2 | 15.5 | 16.0 | 16.8 |
| | | S/T | 1.00 | 0.88 | 0.76 | 0.6 | 1.00 | 0.89 | 0.76 | 0.6 | 1.00 | 1.00 | 0.79 | 0.7 | 1.00 | 1.00 | 0.80 | 0.7 | 1.00 | 1.00 | 0.83 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 |
| | | ΔT | 45 | 43 | 38 | 32 | 45 | 43 | 38 | 32 | 46 | 43 | 38 | 33 | 45 | 43 | 38 | 32 | 45 | 42 | 37 | 32 | 47 | 44 | 39 | 33.6 |
| | | kW | 0.64 | 0.64 | 0.64 | 0.6 | 0.73 | 0.73 | 0.73 | 0.7 | 0.83 | 0.83 | 0.83 | 0.8 | 0.93 | 0.93 | 0.93 | 0.9 | 1.05 | 1.05 | 1.05 | 1.1 | 1.19 | 1.19 | 1.19 | 1.2 |
| | | Amps | 2.8 | 2.8 | 2.8 | 2.8 | 3.2 | 3.2 | 3.2 | 3.2 | 3.7 | 3.7 | 3.6 | 3.7 | 4.1 | 4.1 | 4.1 | 4.2 | 4.7 | 4.7 | 4.7 | 4.7 | 5.3 | 5.3 | 5.3 | 5.3 |
| | | Hi PR | 190 | 191 | 192 | 195 | 220 | 220 | 222 | 225 | 250 | 251 | 253 | 256 | 284 | 285 | 286 | 289 | 320 | 320 | 322 | 325 | 358 | 359 | 360 | 363 |
| | | Lo PR | 126 | 127 | 130 | 135 | 133 | 134 | 137 | 143 | 139 | 141 | 144 | 149 | 145 | 146 | 149 | 155 | 150 | 152 | 155 | 160 | 157 | 158 | 161 | 167 |
| | 520 | MBh | 18.8 | 19.1 | 19.6 | 20.4 | 18.7 | 18.9 | 19.5 | 20.3 | 18.2 | 18.5 | 19.0 | 19.8 | 17.4 | 17.7 | 18.2 | 19.0 | 16.4 | 16.7 | 17.2 | 18.0 | 15.5 | 15.8 | 16.3 | 17.1 |
| | | S/T | 1.00 | 0.92 | 0.79 | 0.7 | 1.00 | 1.00 | 0.80 | 0.7 | 1.00 | 1.00 | 0.82 | 0.7 | 1.00 | 1.00 | 0.84 | 0.7 | 1.00 | 1.00 | 0.86 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 44 | 41 | 36 | 31 | 44 | 41 | 36 | 31 | 44 | 42 | 36 | 31 | 44 | 41 | 36 | 31 | 44 | 41 | 36 | 30 | 45 | 43 | 37 | 32.1 |
| | | kW | 0.65 | 0.65 | 0.65 | 0.7 | 0.73 | 0.73 | 0.73 | 0.7 | 0.83 | 0.83 | 0.83 | 0.8 | 0.94 | 0.94 | 0.94 | 0.9 | 1.06 | 1.05 | 1.05 | 1.1 | 1.19 | 1.19 | 1.19 | 1.2 |
| | | Amps | 2.8 | 2.8 | 2.8 | 2.8 | 3.2 | 3.2 | 3.2 | 3.2 | 3.7 | 3.7 | 3.7 | 3.7 | 4.2 | 4.2 | 4.1 | 4.2 | 4.7 | 4.7 | 4.7 | 4.7 | 5.3 | 5.3 | 5.3 | 5.3 |
| | | Hi PR | 192 | 192 | 194 | 197 | 221 | 222 | 223 | 227 | 252 | 253 | 254 | 257 | 285 | 286 | 288 | 291 | 321 | 322 | 323 | 327 | 360 | 360 | 362 | 365 |
| | | Lo PR | 128 | 129 | 132 | 137 | 135 | 136 | 140 | 145 | 141 | 143 | 146 | 151 | 147 | 148 | 151 | 157 | 152 | 154 | 157 | 162 | 159 | 160 | 164 | 169 |
| | 585 | MBh | 19.2 | 19.5 | 20.0 | 20.8 | 19.1 | 19.3 | 19.9 | 20.7 | 18.6 | 18.9 | 19.4 | 20.2 | 17.8 | 18.1 | 18.6 | 19.4 | 16.8 | 17.1 | 17.6 | 18.4 | 15.9 | 16.2 | 16.7 | 17.5 |
| | | S/T | 1.00 | 0.93 | 0.80 | 0.7 | 1.00 | 1.00 | 0.81 | 0.7 | 1.00 | 1.00 | 0.83 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 43 | 40 | 35 | 29 | 43 | 40 | 35 | 29 | 43 | 40 | 35 | 30 | 43 | 40 | 35 | 29 | 42 | 39 | 34 | 29 | 44 | 41 | 36 | 30.7 |
| | | kW | 0.65 | 0.65 | 0.65 | 0.7 | 0.74 | 0.74 | 0.74 | 0.7 | 0.84 | 0.84 | 0.83 | 0.8 | 0.94 | 0.94 | 0.94 | 0.9 | 1.06 | 1.06 | 1.06 | 1.1 | 1.20 | 1.20 | 1.19 | 1.2 |
| | | Amps | 2.8 | 2.8 | 2.8 | 2.9 | 3.2 | 3.2 | 3.2 | 3.3 | 3.7 | 3.7 | 3.7 | 3.7 | 4.2 | 4.2 | 4.2 | 4.2 | 4.7 | 4.7 | 4.7 | 4.7 | 5.3 | 5.3 | 5.3 | 5.4 |
| | | | 193 | 194 | 196 | 199 | 223 | 224 | 225 | 228 | 254 | 255 | 256 | 259 | 287 | 288 | 289 | 293 | 323 | 324 | 325 | 328 | 361 | 362 | 364 | 367 |
| | | Lo PR | 130 | 132 | 135 | 140 | 138 | 139 | 142 | 147 | 144 | 146 | 149 | 154 | 149 | 151 | 154 | 159 | 155 | 156 | 159 | 165 | 162 | 163 | 166 | 171 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | AIRFLOW | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 700 | MBh | 24.1 | 24.4 | 25.2 | - | 23.9 | 24.2 | 24.9 | - | 23.2 | 23.6 | 24.3 | - | 22.2 | 22.5 | 23.2 | - | 20.8 | 21.2 | 21.9 | - | 19.6 | 19.9 | 20.7 | - |
| | | S/T | 0.61 | 0.53 | 0.38 | - | 0.61 | 0.53 | 0.39 | - | 0.64 | 0.56 | 0.41 | - | 1.00 | 0.58 | 0.44 | - | 1.00 | 0.60 | 0.46 | - | 1.00 | 0.66 | 0.51 | - |
| | | ΔT | 38 | 34 | 28 | - | 38 | 34 | 28 | - | 38 | 35 | 28 | - | 37 | 34 | 28 | - | 37 | 34 | 27 | - | 39 | 36 | 29 | - |
| | | kW | 1.17 | 1.17 | 1.16 | - | 1.31 | 1.31 | 1.31 | - | 1.47 | 1.47 | 1.47 | - | 1.64 | 1.64 | 1.64 | - | 1.83 | 1.83 | 1.83 | - | 2.06 | 2.06 | 2.06 | - |
| | | Amps | 4.8 | 4.8 | 4.8 | - | 5.5 | 5.5 | 5.5 | - | 6.2 | 6.2 | 6.2 | - | 7.0 | 7.0 | 7.0 | - | 7.9 | 7.9 | 7.9 | - | 8.9 | 8.9 | 8.9 | - |
| | | Hi PR | 238 | 239 | 241 | - | 276 | 277 | 278 | - | 315 | 316 | 318 | - | 358 | 359 | 360 | - | 403 | 404 | 406 | - | 452 | 453 | 455 | - |
| | | Lo PR | 126 | 128 | 131 | - | 134 | 136 | 139 | - | 141 | 143 | 146 | - | 147 | 148 | 152 | - | 152 | 154 | 157 | - | 159 | 161 | 164 | - |
| | 800 | MBh | 24.4 | 24.7 | 25.4 | - | 24.1 | 24.5 | 25.2 | - | 23.5 | 23.9 | 24.6 | - | 22.4 | 22.8 | 23.5 | - | 21.1 | 21.4 | 22.2 | - | 19.9 | 20.2 | 20.9 | - |
| | | S/T | 0.68 | 0.60 | 0.46 | - | 0.69 | 0.61 | 0.46 | - | 0.71 | 0.63 | 0.49 | - | 1.00 | 0.65 | 0.51 | - | 1.00 | 0.68 | 0.53 | - | 1.00 | 0.73 | 0.59 | - |
| | | ΔT | 35 | 32 | 26 | - | 35 | 32 | 26 | - | 36 | 32 | 26 | - | 35 | 32 | 26 | - | 35 | 32 | 25 | - | 37 | 34 | 27 | - |
| | | kW | 1.17 | 1.17 | 1.17 | - | 1.32 | 1.32 | 1.31 | - | 1.48 | 1.48 | 1.47 | - | 1.65 | 1.65 | 1.65 | - | 1.84 | 1.84 | 1.84 | - | 2.07 | 2.07 | 2.06 | - |
| | | Amps | 4.9 | 4.9 | 4.9 | - | 5.5 | 5.5 | 5.5 | - | 6.3 | 6.3 | 6.2 | - | 7.1 | 7.0 | 7.0 | - | 7.9 | 7.9 | 7.9 | - | 9.0 | 9.0 | 8.9 | - |
| | | Hi PR | 240 | 241 | 243 | - | 278 | 279 | 280 | - | 317 | 318 | 320 | - | 360 | 361 | 362 | - | 405 | 406 | 408 | - | 454 | 455 | 457 | - |
| | | Lo PR | 128 | 130 | 133 | - | 136 | 137 | 141 | - | 143 | 144 | 147 | - | 148 | 150 | 153 | - | 154 | 156 | 159 | - | 161 | 163 | 166 | - |
| | 855 | MBh | 24.5 | 24.9 | 25.6 | - | 24.3 | 24.7 | 25.4 | - | 23.7 | 24.0 | 24.7 | - | 22.6 | 22.9 | 23.7 | - | 21.3 | 21.6 | 22.3 | - | 20.1 | 20.4 | 21.1 | - |
| | | S/T | 0.71 | 0.63 | 0.48 | - | 0.72 | 0.64 | 0.49 | - | 1.00 | 0.66 | 0.52 | - | 1.00 | 0.68 | 0.54 | - | 1.00 | 0.71 | 0.56 | - | 1.00 | 1.00 | 0.62 | - |
| | | ΔT | 34 | 31 | 25 | - | 34 | 31 | 25 | - | 35 | 31 | 25 | - | 34 | 31 | 25 | - | 34 | 31 | 24 | - | 36 | 33 | 26 | - |
| | | kW | 1.18 | 1.18 | 1.17 | - | 1.32 | 1.32 | 1.32 | - | 1.48 | 1.48 | 1.48 | - | 1.65 | 1.65 | 1.65 | - | 1.84 | 1.84 | 1.84 | - | 2.07 | 2.07 | 2.07 | - |
| | | Amps | 4.9 | 4.9 | 4.9 | - | 5.6 | 5.5 | 5.5 | - | 6.3 | 6.3 | 6.3 | - | 7.1 | 7.1 | 7.1 | - | 7.9 | 7.9 | 7.9 | - | 9.0 | 9.0 | 9.0 | - |
| | | Hi PR | 241 | 242 | 244 | - | 279 | 280 | 281 | - | 318 | 319 | 321 | - | 361 | 362 | 363 | - | 406 | 407 | 409 | - | 455 | 456 | 458 | - |
| | | Lo PR | 129 | 131 | 134 | - | 137 | 138 | 142 | - | 144 | 145 | 148 | - | 149 | 151 | 154 | - | 155 | 157 | 160 | - | 162 | 164 | 167 | - |
| 75 | 700 | MBh | 24.1 | 24.4 | 25.2 | 26.3 | 23.9 | 24.2 | 25.0 | 26.1 | 23.3 | 23.6 | 24.3 | 25.4 | 22.2 | 22.5 | 23.2 | 24.3 | 20.8 | 21.2 | 21.9 | 23.0 | 19.6 | 20.0 | 20.7 | 21.8 |
| | | S/T | 0.74 | 0.66 | 0.52 | 0.4 | 1.00 | 0.67 | 0.53 | 0.4 | 1.00 | 0.70 | 0.55 | 0.4 | 1.00 | 0.72 | 0.57 | 0.4 | 1.00 | 0.74 | 0.60 | 0.4 | 1.00 | 1.00 | 0.65 | 0.5 |
| | | ΔT | 45 | 42 | 35 | 29 | 45 | 42 | 35 | 29 | 45 | 42 | 36 | 29 | 45 | 42 | 35 | 29 | 44 | 41 | 35 | 28 | 47 | 43 | 37 | 30.3 |
| | | kW | 1.17 | 1.17 | 1.16 | 1.2 | 1.31 | 1.31 | 1.31 | 1.3 | 1.47 | 1.47 | 1.46 | 1.5 | 1.64 | 1.64 | 1.64 | 1.6 | 1.83 | 1.83 | 1.83 | 1.8 | 2.06 | 2.06 | 2.05 | 2.1 |
| | | Amps | 4.8 | 4.8 | 4.8 | 4.9 | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | 6.2 | 6.2 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7.9 | 7.9 | 7.9 | 7.9 | 8.9 | 8.9 | 8.9 | 9.0 |
| | | Hi PR | 238 | 239 | 241 | 245 | 276 | 277 | 279 | 283 | 315 | 316 | 318 | 322 | 358 | 359 | 361 | 365 | 404 | 405 | 406 | 411 | 453 | 454 | 455 | 459 |
| | | Lo PR | 126 | 128 | 131 | 137 | 134 | 136 | 139 | 144 | 141 | 143 | 146 | 151 | 147 | 148 | 152 | 157 | 152 | 154 | 157 | 163 | 159 | 161 | 164 | 170 |
| | 800 | MBh | 24.4 | 24.7 | 25.4 | 26.5 | 24.2 | 24.5 | 25.2 | 26.3 | 23.5 | 23.9 | 24.6 | 25.7 | 22.4 | 22.8 | 23.5 | 24.6 | 21.1 | 21.5 | 22.2 | 23.3 | 19.9 | 20.2 | 21.0 | 22.1 |
| | | S/T | 0.82 | 0.74 | 0.59 | 0.4 | 1.00 | 0.74 | 0.60 | 0.4 | 1.00 | 0.77 | 0.63 | 0.5 | 1.00 | 0.79 | 0.65 | 0.5 | 1.00 | 1.00 | 0.67 | 0.5 | 1.00 | 1.00 | 0.73 | 0.6 |
| | | ΔT | 43 | 40 | 33 | 27 | 43 | 39 | 33 | 27 | 43 | 40 | 34 | 27 | 43 | 39 | 33 | 27 | 42 | 39 | 33 | 26 | 44 | 41 | 35 | 28.2 |
| | | kW | 1.17 | 1.17 | 1.17 | 1.2 | 1.32 | 1.32 | 1.31 | 1.3 | 1.48 | 1.47 | 1.47 | 1.5 | 1.65 | 1.65 | 1.64 | 1.7 | 1.84 | 1.84 | 1.84 | 1.8 | 2.07 | 2.06 | 2.06 | 2.1 |
| | | Amps | 4.9 | 4.9 | 4.9 | 4.9 | 5.5 | 5.5 | 5.5 | 5.6 | 6.3 | 6.3 | 6.2 | 6.3 | 7.0 | 7.0 | 7.0 | 7.1 | 7.9 | 7.9 | 7.9 | 8.0 | 9.0 | 9.0 | 8.9 | 9.0 |
| | | Hi PR | 240 | 241 | 243 | 247 | 278 | 279 | 280 | 285 | 317 | 318 | 320 | 324 | 360 | 361 | 362 | 367 | 406 | 407 | 408 | 413 | 455 | 456 | 457 | 461 |
| | | Lo PR | 128 | 130 | 133 | 138 | 136 | 137 | 141 | 146 | 143 | 144 | 148 | 153 | 148 | 150 | 153 | 159 | 154 | 156 | 159 | 164 | 161 | 163 | 166 | 171 |
| | 855 | MBh | 24.5 | 24.9 | 25.6 | 26.7 | 24.3 | 24.7 | 25.4 | 26.5 | 23.7 | 24.0 | 24.8 | 25.9 | 22.6 | 23.0 | 23.7 | 24.8 | 21.3 | 21.6 | 22.3 | 23.4 | 20.1 | 20.4 | 21.1 | 22.2 |
| | | S/T | 0.85 | 0.77 | 0.62 | 0.5 | 1.00 | 0.77 | 0.63 | 0.5 | 1.00 | 0.80 | 0.66 | 0.5 | 1.00 | 0.82 | 0.68 | 0.5 | 1.00 | 1.00 | 0.70 | 0.5 | 1.00 | 1.00 | 0.75 | 0.6 |
| | | ΔT | 42 | 39 | 32 | 26 | 42 | 38 | 32 | 26 | 42 | 39 | 33 | 26 | 42 | 38 | 32 | 26 | 41 | 38 | 32 | 25 | 43 | 40 | 34 | 27.2 |
| | | kW | 1.18 | 1.18 | 1.17 | 1.2 | 1.32 | 1.32 | 1.32 | 1.3 | 1.48 | 1.48 | 1.48 | 1.5 | 1.65 | 1.65 | 1.65 | 1.7 | 1.84 | 1.84 | 1.84 | 1.9 | 2.07 | 2.07 | 2.07 | 2.1 |
| | | Amps | 4.9 | 4.9 | 4.9 | 4.9 | 5.5 | 5.5 | 5.5 | 5.6 | 6.3 | 6.3 | 6.3 | 6.3 | 7.1 | 7.1 | 7.0 | 7.1 | 7.9 | 7.9 | 7.9 | 8.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| | | Hi PR | 241 | 242 | 244 | 248 | 279 | 280 | 282 | 286 | 318 | 319 | 321 | 325 | 361 | 362 | 364 | 368 | 407 | 408 | 409 | 414 | 456 | 457 | 458 | 462 |
| | | Lo PR | 129 | 131 | 134 | 139 | 137 | 138 | 142 | 147 | 144 | 145 | 149 | 154 | 149 | 151 | 154 | 160 | 155 | 157 | 160 | 165 | 162 | 164 | 167 | 172 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | AIRFLOW | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | 700 | MBh | 24.2 | 24.6 | 25.3 | 26.4 | 24.0 | 24.4 | 25.1 | 26.2 | 23.4 | 23.7 | 24.4 | 25.5 | 22.3 | 22.6 | 23.4 | 24.5 | 21.0 | 21.3 | 22.0 | 23.1 | 19.7 | 20.1 | 20.8 | 21.9 |
| | | S/T | 1.00 | 0.80 | 0.65 | 0.5 | 1.00 | 0.80 | 0.66 | 0.5 | 1.00 | 0.83 | 0.69 | 0.5 | 1.00 | 1.00 | 0.71 | 0.6 | 1.00 | 1.00 | 0.73 | 0.6 | 1.00 | 1.00 | 0.79 | 0.6 |
| | | ΔT | 53 | 49 | 43 | 36 | 52 | 49 | 43 | 36 | 53 | 50 | 43 | 37 | 52 | 49 | 43 | 36 | 52 | 49 | 42 | 36 | 54 | 51 | 44 | 37.8 |
| | | kW | 1.17 | 1.17 | 1.16 | 1.2 | 1.31 | 1.31 | 1.31 | 1.3 | 1.47 | 1.47 | 1.47 | 1.5 | 1.64 | 1.64 | 1.64 | 1.6 | 1.83 | 1.83 | 1.83 | 1.8 | 2.06 | 2.06 | 2.06 | 2.1 |
| | | Amps | 4.8 | 4.8 | 4.8 | 4.9 | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | 6.2 | 6.2 | 6.3 | 7.0 | 7.0 | 7.0 | 7.0 | 7.9 | 7.9 | 7.9 | 7.9 | 8.9 | 8.9 | 8.9 | 9.0 |
| | | Hi PR | 239 | 240 | 241 | 245 | 276 | 277 | 279 | 283 | 316 | 317 | 318 | 323 | 358 | 359 | 361 | 365 | 404 | 405 | 407 | 411 | 453 | 454 | 456 | 460 |
| | | Lo PR | 127 | 129 | 132 | 137 | 135 | 136 | 140 | 145 | 142 | 143 | 146 | 152 | 147 | 149 | 152 | 158 | 153 | 155 | 158 | 163 | 160 | 162 | 165 | 170 |
| | 800 | MBh | 24.5 | 24.8 | 25.6 | 26.7 | 24.3 | 24.6 | 25.3 | 26.5 | 23.7 | 24.0 | 24.7 | 25.8 | 22.6 | 22.9 | 23.6 | 24.7 | 21.2 | 21.6 | 22.3 | 23.4 | 20.0 | 20.4 | 21.1 | 22.2 |
| | | S/T | 1.00 | 0.87 | 0.73 | 0.6 | 1.00 | 0.88 | 0.73 | 0.6 | 1.00 | 0.91 | 0.76 | 0.6 | 1.00 | 1.00 | 0.78 | 0.6 | 1.00 | 1.00 | 0.80 | 0.7 | 1.00 | 1.00 | 0.86 | 0.7 |
| | | ΔT | 50 | 47 | 41 | 34 | 50 | 47 | 41 | 34 | 51 | 47 | 41 | 35 | 50 | 47 | 41 | 34 | 50 | 46 | 40 | 34 | 52 | 49 | 42 | 35.7 |
| | | kW | 1.17 | 1.17 | 1.17 | 1.2 | 1.32 | 1.32 | 1.31 | 1.3 | 1.48 | 1.48 | 1.47 | 1.5 | 1.65 | 1.65 | 1.64 | 1.7 | 1.84 | 1.84 | 1.84 | 1.8 | 2.07 | 2.07 | 2.06 | 2.1 |
| | | Amps | 4.9 | 4.9 | 4.9 | 4.9 | 5.5 | 5.5 | 5.5 | 5.6 | 6.3 | 6.3 | 6.2 | 6.3 | 7.1 | 7.0 | 7.0 | 7.1 | 7.9 | 7.9 | 7.9 | 8.0 | 9.0 | 9.0 | 8.9 | 9.0 |
| | | Hi PR | 241 | 242 | 243 | 247 | 278 | 279 | 281 | 285 | 318 | 319 | 320 | 325 | 360 | 361 | 363 | 367 | 406 | 407 | 409 | 413 | 455 | 456 | 458 | 462 |
| | | Lo PR | 129 | 130 | 134 | 139 | 136 | 138 | 141 | 147 | 143 | 145 | 148 | 154 | 149 | 151 | 154 | 159 | 155 | 156 | 159 | 165 | 162 | 163 | 166 | 172 |
| | 855 | MBh | 24.7 | 25.0 | 25.7 | 26.8 | 24.5 | 24.8 | 25.5 | 26.6 | 23.8 | 24.2 | 24.9 | 26.0 | 22.7 | 23.1 | 23.8 | 24.9 | 21.4 | 21.7 | 22.5 | 23.6 | 20.2 | 20.5 | 21.3 | 22.4 |
| | | S/T | 1.00 | 0.90 | 0.76 | 0.6 | 1.00 | 0.91 | 0.76 | 0.6 | 1.00 | 1.00 | 0.79 | 0.6 | 1.00 | 1.00 | 0.81 | 0.7 | 1.00 | 1.00 | 0.83 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 |
| | | ΔT | 49 | 46 | 40 | 33 | 49 | 46 | 40 | 33 | 50 | 46 | 40 | 34 | 49 | 46 | 40 | 33 | 49 | 45 | 39 | 33 | 51 | 48 | 41 | 34.7 |
| | | kW | 1.18 | 1.18 | 1.17 | 1.2 | 1.32 | 1.32 | 1.32 | 1.3 | 1.48 | 1.48 | 1.48 | 1.5 | 1.65 | 1.65 | 1.65 | 1.7 | 1.84 | 1.84 | 1.84 | 1.9 | 2.07 | 2.07 | 2.07 | 2.1 |
| | | Amps | 4.9 | 4.9 | 4.9 | 4.9 | 5.6 | 5.5 | 5.5 | 5.6 | 6.3 | 6.3 | 6.3 | 6.3 | 7.1 | 7.1 | 7.1 | 7.1 | 7.9 | 7.9 | 7.9 | 8.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| | | Hi PR | 242 | 243 | 244 | 248 | 279 | 280 | 282 | 286 | 319 | 320 | 321 | 326 | 361 | 362 | 364 | 368 | 407 | 408 | 410 | 414 | 456 | 457 | 459 | 463 |
| | | Lo PR | 130 | 131 | 135 | 140 | 137 | 139 | 142 | 148 | 144 | 146 | 149 | 154 | 150 | 152 | 155 | 160 | 156 | 157 | 160 | 166 | 163 | 164 | 167 | 173 |
| 85 | 700 | MBh | 24.6 | 25.0 | 25.7 | 26.8 | 24.4 | 24.8 | 25.5 | 26.6 | 23.8 | 24.1 | 24.9 | 26.0 | 22.7 | 23.0 | 23.8 | 24.9 | 21.4 | 21.7 | 22.4 | 23.5 | 20.2 | 20.5 | 21.2 | 22.3 |
| | | S/T | 1.00 | 0.91 | 0.76 | 0.6 | 1.00 | 1.00 | 0.77 | 0.6 | 1.00 | 1.00 | 0.79 | 0.6 | 1.00 | 1.00 | 0.81 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 |
| | | ΔT | 59 | 56 | 49 | 43 | 59 | 56 | 49 | 43 | 60 | 56 | 50 | 43 | 59 | 56 | 49 | 43 | 59 | 55 | 49 | 42 | 61 | 57 | 51 | 44.5 |
| | | kW | 1.17 | 1.17 | 1.17 | 1.2 | 1.31 | 1.31 | 1.31 | 1.3 | 1.47 | 1.47 | 1.47 | 1.5 | 1.64 | 1.64 | 1.64 | 1.7 | 1.84 | 1.83 | 1.83 | 1.8 | 2.06 | 2.06 | 2.06 | 2.1 |
| | | Amps | 4.9 | 4.9 | 4.8 | 4.9 | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | 6.2 | 6.2 | 6.3 | 7.0 | 7.0 | 7.0 | 7.1 | 7.9 | 7.9 | 7.9 | 7.9 | 8.9 | 8.9 | 8.9 | 9.0 |
| | | Hi PR | 240 | 241 | 242 | 247 | 277 | 278 | 280 | 284 | 317 | 318 | 320 | 324 | 359 | 360 | 362 | 366 | 405 | 406 | 408 | 412 | 454 | 455 | 457 | 461 |
| | | Lo PR | 129 | 131 | 134 | 139 | 137 | 138 | 142 | 147 | 143 | 145 | 148 | 154 | 149 | 151 | 154 | 159 | 155 | 156 | 160 | 165 | 162 | 163 | 167 | 172 |
| | 800 | MBh | 24.9 | 25.3 | 26.0 | 27.1 | 24.7 | 25.0 | 25.8 | 26.9 | 24.1 | 24.4 | 25.1 | 26.2 | 23.0 | 23.3 | 24.0 | 25.1 | 21.6 | 22.0 | 22.7 | 23.8 | 20.4 | 20.8 | 21.5 | 22.6 |
| | | S/T | 1.00 | 0.98 | 0.84 | 0.7 | 1.00 | 1.00 | 0.84 | 0.7 | 1.00 | 1.00 | 0.87 | 0.7 | 1.00 | 1.00 | 0.89 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 57 | 54 | 47 | 41 | 57 | 54 | 47 | 41 | 57 | 54 | 48 | 41 | 57 | 54 | 47 | 41 | 56 | 53 | 47 | 40 | 59 | 55 | 49 | 42.3 |
| | | kW | 1.18 | 1.18 | 1.17 | 1.2 | 1.32 | 1.32 | 1.32 | 1.3 | 1.48 | 1.48 | 1.48 | 1.5 | 1.65 | 1.65 | 1.65 | 1.7 | 1.84 | 1.84 | 1.84 | 1.9 | 2.07 | 2.07 | 2.07 | 2.1 |
| | | Amps | 4.9 | 4.9 | 4.9 | 4.9 | 5.5 | 5.5 | 5.5 | 5.6 | 6.3 | 6.3 | 6.3 | 6.3 | 7.1 | 7.1 | 7.0 | 7.1 | 7.9 | 7.9 | 7.9 | 8.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| | | Hi PR | 242 | 243 | 244 | 249 | 279 | 280 | 282 | 286 | 319 | 320 | 322 | 326 | 361 | 362 | 364 | 368 | 407 | 408 | 410 | 414 | 456 | 457 | 459 | 463 |
| | | Lo PR | 131 | 132 | 135 | 141 | 138 | 140 | 143 | 149 | 145 | 147 | 150 | 155 | 151 | 152 | 156 | 161 | 157 | 158 | 161 | 167 | 164 | 165 | 168 | 174 |
| | 855 | MBh | 25.1 | 25.4 | 26.1 | 27.2 | 24.9 | 25.2 | 25.9 | 27.0 | 24.2 | 24.6 | 25.3 | 26.4 | 23.1 | 23.5 | 24.2 | 25.3 | 21.8 | 22.2 | 22.9 | 24.0 | 20.6 | 20.9 | 21.7 | 22.8 |
| | | S/T | 1.00 | 1.00 | 0.86 | 0.7 | 1.00 | 1.00 | 0.87 | 0.7 | 1.00 | 1.00 | 0.90 | 0.7 | 1.00 | 1.00 | 0.92 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 56 | 53 | 46 | 40 | 56 | 53 | 46 | 40 | 56 | 53 | 47 | 40 | 56 | 53 | 46 | 40 | 55 | 52 | 46 | 39 | 58 | 54 | 48 | 41.3 |
| | | kW | 1.18 | 1.18 | 1.18 | 1.2 | 1.32 | 1.32 | 1.32 | 1.3 | 1.48 | 1.48 | 1.48 | 1.5 | 1.65 | 1.65 | 1.65 | 1.7 | 1.85 | 1.85 | 1.84 | 1.9 | 2.07 | 2.07 | 2.07 | 2.1 |
| | | Amps | 4.9 | 4.9 | 4.9 | 4.9 | 5.6 | 5.6 | 5.5 | 5.6 | 6.3 | 6.3 | 6.3 | 6.3 | 7.1 | 7.1 | 7.1 | 7.1 | 8.0 | 8.0 | 7.9 | 8.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| | | Hi PR | 243 | 244 | 245 | 250 | 280 | 281 | 283 | 287 | 320 | 321 | 323 | 327 | 362 | 363 | 365 | 369 | 408 | 409 | 411 | 415 | 457 | 458 | 460 | 464 |
| | | Lo PR | 132 | 133 | 136 | 142 | 139 | 141 | 144 | 150 | 146 | 148 | 151 | 156 | 152 | 153 | 157 | 162 | 158 | 159 | 162 | 168 | 165 | 166 | 169 | 175 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | Airflow | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 700 | MBh | 25.7 | 26.1 | 26.9 | - | 25.5 | 25.9 | 26.6 | - | 24.8 | 25.2 | 26.0 | - | 23.7 | 24.0 | 24.8 | - | 22.2 | 22.6 | 23.4 | - | 21.0 | 21.3 | 22.1 | - |
| | | S/T | 0.59 | 0.51 | 0.37 | - | 0.60 | 0.52 | 0.38 | - | 0.62 | 0.54 | 0.40 | - | 1.00 | 0.56 | 0.42 | - | 1.00 | 0.59 | 0.45 | - | 1.00 | 0.64 | 0.50 | - |
| | | ΔT | 22 | 20 | 16 | - | 22 | 20 | 16 | - | 22 | 20 | 17 | - | 22 | 20 | 16 | - | 22 | 20 | 16 | - | 23 | 21 | 17 | - |
| | | kW | 1.24 | 1.24 | 1.23 | - | 1.42 | 1.42 | 1.41 | - | 1.62 | 1.61 | 1.61 | - | 1.83 | 1.83 | 1.83 | - | 2.07 | 2.07 | 2.07 | - | 2.35 | 2.35 | 2.35 | - |
| | | Amps | 5.3 | 5.3 | 5.3 | - | 6.1 | 6.1 | 6.1 | - | 7.0 | 7.0 | 7.0 | - | 8.0 | 8.0 | 8.0 | - | 9.1 | 9.1 | 9.1 | - | 10.4 | 10.4 | 10.3 | - |
| | | Hi PR | 221 | 222 | 223 | - | 256 | 257 | 258 | - | 292 | 293 | 295 | - | 332 | 333 | 334 | - | 374 | 375 | 377 | - | 420 | 421 | 422 | - |
| | | Lo PR | 126 | 127 | 130 | - | 133 | 135 | 138 | - | 140 | 142 | 145 | - | 146 | 147 | 151 | - | 151 | 153 | 156 | - | 158 | 160 | 163 | - |
| | 850 | MBh | 26.2 | 26.6 | 27.3 | - | 26.0 | 26.3 | 27.1 | - | 25.3 | 25.7 | 26.4 | - | 24.1 | 24.5 | 25.3 | - | 22.7 | 23.1 | 23.8 | - | 21.4 | 21.8 | 22.6 | - |
| | | S/T | 0.69 | 0.61 | 0.47 | - | 0.69 | 0.61 | 0.47 | - | 0.72 | 0.64 | 0.50 | - | 1.00 | 0.66 | 0.52 | - | 1.00 | 0.68 | 0.54 | - | 1.00 | 0.73 | 0.60 | - |
| | | ΔT | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 14 | - | 20 | 18 | 14 | - | 21 | 19 | 15 | - |
| | | kW | 1.25 | 1.25 | 1.25 | - | 1.43 | 1.43 | 1.43 | - | 1.63 | 1.63 | 1.62 | - | 1.84 | 1.84 | 1.84 | - | 2.08 | 2.08 | 2.08 | - | 2.36 | 2.36 | 2.36 | - |
| | | Amps | 5.3 | 5.3 | 5.3 | - | 6.2 | 6.2 | 6.1 | - | 7.1 | 7.1 | 7.0 | - | 8.0 | 8.0 | 8.0 | - | 9.1 | 9.1 | 9.1 | - | 10.4 | 10.4 | 10.4 | - |
| | | Hi PR | 223 | 224 | 226 | - | 258 | 259 | 261 | - | 295 | 296 | 298 | - | 334 | 335 | 337 | - | 377 | 378 | 379 | - | 422 | 423 | 425 | - |
| | | Lo PR | 128 | 130 | 133 | - | 136 | 138 | 141 | - | 143 | 144 | 147 | - | 148 | 150 | 153 | - | 154 | 156 | 159 | - | 161 | 163 | 166 | - |
| | 900 | MBh | 26.4 | 26.7 | 27.5 | - | 26.2 | 26.5 | 27.3 | - | 25.5 | 25.8 | 26.6 | - | 24.3 | 24.7 | 25.5 | - | 22.9 | 23.3 | 24.0 | - | 21.6 | 22.0 | 22.7 | - |
| | | S/T | 0.70 | 0.63 | 0.49 | - | 0.71 | 0.63 | 0.49 | - | 1.00 | 0.66 | 0.52 | - | 1.00 | 0.68 | 0.54 | - | 1.00 | 0.70 | 0.56 | - | 1.00 | 1.00 | 0.61 | - |
| | | ΔT | 20 | 18 | 14 | - | 20 | 18 | 14 | - | 20 | 18 | 14 | - | 20 | 18 | 14 | - | 19 | 17 | 14 | - | 21 | 19 | 15 | - |
| | | kW | 1.26 | 1.26 | 1.25 | - | 1.43 | 1.43 | 1.43 | - | 1.63 | 1.63 | 1.63 | - | 1.85 | 1.85 | 1.84 | - | 2.09 | 2.09 | 2.08 | - | 2.37 | 2.37 | 2.36 | - |
| | | Amps | 5.4 | 5.4 | 5.3 | - | 6.2 | 6.2 | 6.2 | - | 7.1 | 7.1 | 7.1 | - | 8.1 | 8.1 | 8.0 | - | 9.2 | 9.2 | 9.1 | - | 10.4 | 10.4 | 10.4 | - |
| | | | 224 | 225 | 227 | - | 259 | 260 | 262 | - | 296 | 297 | 298 | - | 335 | 336 | 338 | - | 378 | 379 | 380 | - | 423 | 424 | 426 | - |
| | | Lo PR | 129 | 131 | 134 | - | 137 | 138 | 142 | - | 144 | 145 | 148 | - | 149 | 151 | 154 | - | 155 | 156 | 160 | - | 162 | 163 | 167 | - |
| 75 | 700 | MBh | 25.8 | 26.1 | 26.9 | 28.1 | 25.5 | 25.9 | 26.7 | 27.8 | 24.8 | 25.2 | 26.0 | 27.2 | 23.7 | 24.0 | 24.8 | 26.0 | 22.3 | 22.6 | 23.4 | 24.6 | 21.0 | 21.3 | 22.1 | 23.3 |
| | | S/T | 0.72 | 0.64 | 0.50 | 0.4 | 1.00 | 0.65 | 0.51 | 0.4 | 1.00 | 0.68 | 0.54 | 0.4 | 1.00 | 0.70 | 0.56 | 0.4 | 1.00 | 0.72 | 0.58 | 0.4 | 1.00 | 1.00 | 0.63 | 0.5 |
| | | ΔT | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 27 | 25 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 20 | 17 | 27 | 25 | 22 | 17.8 |
| | | kW | 1.24 | 1.24 | 1.23 | 1.2 | 1.42 | 1.41 | 1.41 | 1.4 | 1.61 | 1.61 | 1.61 | 1.6 | 1.83 | 1.83 | 1.82 | 1.8 | 2.07 | 2.07 | 2.06 | 2.1 | 2.35 | 2.35 | 2.35 | 2.4 |
| | | Amps | 5.3 | 5.3 | 5.3 | 5.3 | 6.1 | 6.1 | 6.1 | 6.1 | 7.0 | 7.0 | 7.0 | 7.0 | 8.0 | 8.0 | 8.0 | 8.0 | 9.1 | 9.1 | 9.1 | 9.1 | 10.4 | 10.4 | 10.3 | 10.4 |
| | | Hi PR | 221 | 222 | 223 | 227 | 256 | 257 | 258 | 262 | 292 | 293 | 295 | 299 | 332 | 333 | 334 | 338 | 374 | 375 | 377 | 381 | 420 | 421 | 422 | 426 |
| | | Lo PR | 126 | 127 | 130 | 136 | 133 | 135 | 138 | 144 | 140 | 142 | 145 | 150 | 146 | 147 | 151 | 156 | 151 | 153 | 156 | 162 | 158 | 160 | 163 | 169 |
| | 850 | MBh | 26.2 | 26.6 | 27.4 | 28.5 | 26.0 | 26.3 | 27.1 | 28.3 | 25.3 | 25.7 | 26.4 | 27.6 | 24.1 | 24.5 | 25.3 | 26.5 | 22.7 | 23.1 | 23.9 | 25.0 | 21.4 | 21.8 | 22.6 | 23.7 |
| | | S/T | 0.82 | 0.74 | 0.60 | 0.5 | 1.00 | 0.75 | 0.61 | 0.5 | 1.00 | 0.77 | 0.63 | 0.5 | 1.00 | 0.79 | 0.65 | 0.5 | 1.00 | 1.00 | 0.68 | 0.5 | 1.00 | 1.00 | 0.73 | 0.6 |
| | | ΔT | 25 | 23 | 19 | 15 | 25 | 23 | 19 | 15 | 25 | 23 | 19 | 15 | 25 | 23 | 19 | 15 | 24 | 22 | 19 | 15 | 26 | 24 | 20 | 16.0 |
| | | kW | 1.25 | 1.25 | 1.25 | 1.3 | 1.43 | 1.43 | 1.43 | 1.4 | 1.63 | 1.63 | 1.62 | 1.6 | 1.84 | 1.84 | 1.84 | 1.9 | 2.08 | 2.08 | 2.08 | 2.1 | 2.36 | 2.36 | 2.36 | 2.4 |
| | | Amps | 5.3 | 5.3 | 5.3 | 5.4 | 6.2 | 6.1 | 6.1 | 6.2 | 7.1 | 7.1 | 7.0 | 7.1 | 8.0 | 8.0 | 8.0 | 8.1 | 9.1 | 9.1 | 9.1 | 9.2 | 10.4 | 10.4 | 10.4 | 10.5 |
| | | Hi PR | 224 | 225 | 226 | 230 | 259 | 260 | 261 | 265 | 295 | 296 | 298 | 302 | 335 | 336 | 337 | 341 | 377 | 378 | 380 | 384 | 423 | 423 | 425 | 429 |
| | | Lo PR | 128 | 130 | 133 | 138 | 136 | 138 | 141 | 146 | 143 | 144 | 148 | 153 | 148 | 150 | 153 | 159 | 154 | 156 | 159 | 164 | 161 | 163 | 166 | 171 |
| | 900 | MBh | 26.4 | 26.8 | 27.5 | 28.7 | 26.2 | 26.5 | 27.3 | 28.5 | 25.5 | 25.9 | 26.6 | 27.8 | 24.3 | 24.7 | 25.5 | 26.6 | 22.9 | 23.3 | 24.0 | 25.2 | 21.6 | 22.0 | 22.8 | 23.9 |
| | | S/T | 0.84 | 0.76 | 0.62 | 0.5 | 1.00 | 0.77 | 0.63 | 0.5 | 1.00 | 0.79 | 0.65 | 0.5 | 1.00 | 0.81 | 0.67 | 0.5 | 1.00 | 1.00 | 0.69 | 0.5 | 1.00 | 1.00 | 0.75 | 0.6 |
| | | ΔT | 24 | 22 | 18 | 15 | 24 | 22 | 18 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 18 | 15 | 24 | 22 | 18 | 14 | 25 | 23 | 19 | 15.5 |
| | | kW | 1.26 | 1.25 | 1.25 | 1.3 | 1.43 | 1.43 | 1.43 | 1.4 | 1.63 | 1.63 | 1.63 | 1.6 | 1.85 | 1.84 | 1.84 | 1.9 | 2.09 | 2.08 | 2.08 | 2.1 | 2.37 | 2.37 | 2.36 | 2.4 |
| | | Amps | 5.4 | 5.4 | 5.3 | 5.4 | 6.2 | 6.2 | 6.2 | 6.2 | 7.1 | 7.1 | 7.1 | 7.1 | 8.1 | 8.1 | 8.0 | 8.1 | 9.2 | 9.2 | 9.1 | 9.2 | 10.4 | 10.4 | 10.4 | 10.5 |
| | | | 224 | 225 | 227 | 231 | 259 | 260 | 262 | 266 | 296 | 297 | 299 | 302 | 335 | 336 | 338 | 342 | 378 | 379 | 381 | 384 | 423 | 424 | 426 | 430 |
| | | Lo PR | 129 | 131 | 134 | 139 | 137 | 138 | 142 | 147 | 144 | 145 | 148 | 154 | 149 | 151 | 154 | 160 | 155 | 157 | 160 | 165 | 162 | 164 | 167 | 172 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | AIRFLOW | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | 700 | MBh | 25.9 | 26.3 | 27.0 | 28.2 | 25.7 | 26.0 | 26.8 | 28.0 | 25.0 | 25.3 | 26.1 | 27.3 | 23.8 | 24.2 | 25.0 | 26.1 | 22.4 | 22.8 | 23.5 | 24.7 | 21.1 | 21.5 | 22.2 | 23.4 |
| | | S/T | 1.00 | 0.77 | 0.63 | 0.5 | 1.00 | 0.78 | 0.64 | 0.5 | 1.00 | 0.80 | 0.67 | 0.5 | 1.00 | 1.00 | 0.69 | 0.5 | 1.00 | 1.00 | 0.71 | 0.6 | 1.00 | 1.00 | 0.76 | 0.6 |
| | | ΔT | 31 | 29 | 25 | 21 | 31 | 29 | 25 | 21 | 31 | 29 | 25 | 21 | 31 | 29 | 25 | 21 | 30 | 28 | 25 | 21 | 32 | 30 | 26 | 22.1 |
| | | kW | 1.24 | 1.24 | 1.23 | 1.2 | 1.42 | 1.42 | 1.41 | 1.4 | 1.62 | 1.61 | 1.61 | 1.6 | 1.83 | 1.83 | 1.83 | 1.8 | 2.07 | 2.07 | 2.06 | 2.1 | 2.35 | 2.35 | 2.35 | 2.4 |
| | | Amps | 5.3 | 5.3 | 5.3 | 5.3 | 6.1 | 6.1 | 6.1 | 6.1 | 7.0 | 7.0 | 7.0 | 7.0 | 8.0 | 8.0 | 8.0 | 8.0 | 9.1 | 9.1 | 9.1 | 9.1 | 10.4 | 10.4 | 10.3 | 10.4 |
| | | Hi PR | 221 | 222 | 224 | 228 | 256 | 257 | 259 | 263 | 293 | 294 | 295 | 299 | 332 | 333 | 335 | 339 | 375 | 376 | 377 | 381 | 420 | 421 | 423 | 427 |
| | | Lo PR | 126 | 128 | 131 | 136 | 134 | 136 | 139 | 144 | 141 | 142 | 145 | 151 | 146 | 148 | 151 | 157 | 152 | 154 | 157 | 162 | 159 | 161 | 164 | 169 |
| | 850 | MBh | 26.3 | 26.7 | 27.5 | 28.7 | 26.1 | 26.5 | 27.3 | 28.4 | 25.4 | 25.8 | 26.6 | 27.8 | 24.3 | 24.6 | 25.4 | 26.6 | 22.9 | 23.2 | 24.0 | 25.2 | 21.6 | 21.9 | 22.7 | 23.9 |
| | | S/T | 1.00 | 0.87 | 0.73 | 0.6 | 1.00 | 0.88 | 0.74 | 0.6 | 1.00 | 0.90 | 0.76 | 0.6 | 1.00 | 1.00 | 0.78 | 0.6 | 1.00 | 1.00 | 0.80 | 0.7 | 1.00 | 1.00 | 0.86 | 0.7 |
| | | ΔT | 29 | 27 | 23 | 19 | 29 | 27 | 23 | 19 | 29 | 27 | 24 | 20 | 29 | 27 | 23 | 19 | 29 | 27 | 23 | 19 | 30 | 28 | 24 | 20.4 |
| | | kW | 1.25 | 1.25 | 1.25 | 1.3 | 1.43 | 1.43 | 1.43 | 1.4 | 1.63 | 1.63 | 1.62 | 1.6 | 1.84 | 1.84 | 1.84 | 1.9 | 2.08 | 2.08 | 2.08 | 2.1 | 2.36 | 2.36 | 2.36 | 2.4 |
| | | Amps | 5.3 | 5.3 | 5.3 | 5.4 | 6.2 | 6.2 | 6.1 | 6.2 | 7.1 | 7.1 | 7.0 | 7.1 | 8.0 | 8.0 | 8.0 | 8.1 | 9.1 | 9.1 | 9.1 | 9.2 | 10.4 | 10.4 | 10.4 | 10.5 |
| | | Hi PR | 224 | 225 | 227 | 230 | 259 | 260 | 261 | 265 | 296 | 297 | 298 | 302 | 335 | 336 | 338 | 341 | 378 | 379 | 380 | 384 | 423 | 424 | 425 | 429 |
| | | Lo PR | 129 | 130 | 134 | 139 | 137 | 138 | 141 | 147 | 143 | 145 | 148 | 153 | 149 | 151 | 154 | 159 | 155 | 156 | 159 | 165 | 162 | 163 | 166 | 172 |
| | 900 | MBh | 26.5 | 26.9 | 27.7 | 28.8 | 26.3 | 26.7 | 27.4 | 28.6 | 25.6 | 26.0 | 26.8 | 27.9 | 24.5 | 24.8 | 25.6 | 26.8 | 23.0 | 23.4 | 24.2 | 25.4 | 21.7 | 22.1 | 22.9 | 24.1 |
| | | S/T | 1.00 | 0.89 | 0.75 | 0.6 | 1.00 | 0.89 | 0.76 | 0.6 | 1.00 | 1.00 | 0.78 | 0.6 | 1.00 | 1.00 | 0.80 | 0.7 | 1.00 | 1.00 | 0.82 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 |
| | | ΔT | 28 | 27 | 23 | 19 | 28 | 26 | 23 | 19 | 29 | 27 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 22 | 19 | 29 | 27 | 24 | 19.9 |
| | | kW | 1.26 | 1.26 | 1.25 | 1.3 | 1.43 | 1.43 | 1.43 | 1.4 | 1.63 | 1.63 | 1.63 | 1.6 | 1.85 | 1.85 | 1.84 | 1.9 | 2.09 | 2.09 | 2.08 | 2.1 | 2.37 | 2.37 | 2.36 | 2.4 |
| | | Amps | 5.4 | 5.4 | 5.3 | 5.4 | 6.2 | 6.2 | 6.2 | 6.2 | 7.1 | 7.1 | 7.1 | 7.1 | 8.1 | 8.1 | 8.0 | 8.1 | 9.2 | 9.2 | 9.1 | 9.2 | 10.4 | 10.4 | 10.4 | 10.5 |
| | | | 225 | 226 | 227 | 231 | 260 | 261 | 262 | 266 | 296 | 297 | 299 | 303 | 336 | 337 | 338 | 342 | 378 | 379 | 381 | 385 | 424 | 425 | 426 | 430 |
| | | Lo PR | 130 | 131 | 135 | 140 | 137 | 139 | 142 | 148 | 144 | 146 | 149 | 154 | 150 | 151 | 155 | 160 | 156 | 157 | 160 | 166 | 163 | 164 | 167 | 173 |
| 85 | 700 | MBh | 26.3 | 26.7 | 27.5 | 28.6 | 26.1 | 26.5 | 27.2 | 28.4 | 25.4 | 25.8 | 26.6 | 27.7 | 24.3 | 24.6 | 25.4 | 26.6 | 22.8 | 23.2 | 24.0 | 25.2 | 21.5 | 21.9 | 22.7 | 23.9 |
| | | S/T | 1.00 | 0.88 | 0.74 | 0.6 | 1.00 | 1.00 | 0.74 | 0.6 | 1.00 | 1.00 | 0.77 | 0.6 | 1.00 | 1.00 | 0.79 | 0.6 | 1.00 | 1.00 | 1.00 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 |
| | | ΔT | 35 | 33 | 29 | 25 | 35 | 33 | 29 | 25 | 35 | 33 | 29 | 25 | 35 | 33 | 29 | 25 | 34 | 32 | 29 | 25 | 36 | 34 | 30 | 26.0 |
| | | kW | 1.24 | 1.24 | 1.24 | 1.3 | 1.42 | 1.42 | 1.42 | 1.4 | 1.62 | 1.62 | 1.61 | 1.6 | 1.83 | 1.83 | 1.83 | 1.8 | 2.07 | 2.07 | 2.07 | 2.1 | 2.35 | 2.35 | 2.35 | 2.4 |
| | | Amps | 5.3 | 5.3 | 5.3 | 5.3 | 6.1 | 6.1 | 6.1 | 6.2 | 7.0 | 7.0 | 7.0 | 7.1 | 8.0 | 8.0 | 8.0 | 8.0 | 9.1 | 9.1 | 9.1 | 9.1 | 10.4 | 10.4 | 10.4 | 10.4 |
| | | Hi PR | 222 | 223 | 225 | 229 | 257 | 258 | 260 | 264 | 294 | 295 | 296 | 300 | 333 | 334 | 336 | 340 | 376 | 377 | 378 | 382 | 421 | 422 | 424 | 428 |
| | | Lo PR | 128 | 130 | 133 | 138 | 136 | 137 | 141 | 146 | 143 | 144 | 147 | 153 | 148 | 150 | 153 | 158 | 154 | 155 | 159 | 164 | 161 | 162 | 166 | 171 |
| | 850 | MBh | 26.8 | 27.1 | 27.9 | 29.1 | 26.6 | 26.9 | 27.7 | 28.9 | 25.9 | 26.2 | 27.0 | 28.2 | 24.7 | 25.1 | 25.9 | 27.0 | 23.3 | 23.7 | 24.4 | 25.6 | 22.0 | 22.4 | 23.1 | 24.3 |
| | | S/T | 1.00 | 0.97 | 0.83 | 0.7 | 1.00 | 1.00 | 0.84 | 0.7 | 1.00 | 1.00 | 0.87 | 0.7 | 1.00 | 1.00 | 0.89 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 33 | 31 | 27 | 23 | 33 | 31 | 27 | 23 | 33 | 31 | 27 | 24 | 33 | 31 | 27 | 23 | 33 | 31 | 27 | 23 | 34 | 32 | 28 | 24.3 |
| | | kW | 1.26 | 1.25 | 1.25 | 1.3 | 1.43 | 1.43 | 1.43 | 1.4 | 1.63 | 1.63 | 1.63 | 1.6 | 1.85 | 1.85 | 1.84 | 1.9 | 2.09 | 2.08 | 2.08 | 2.1 | 2.37 | 2.37 | 2.36 | 2.4 |
| | | Amps | 5.4 | 5.4 | 5.3 | 5.4 | 6.2 | 6.2 | 6.2 | 6.2 | 7.1 | 7.1 | 7.1 | 7.1 | 8.1 | 8.1 | 8.0 | 8.1 | 9.2 | 9.2 | 9.1 | 9.2 | 10.4 | 10.4 | 10.4 | 10.5 |
| | | Hi PR | 225 | 226 | 228 | 231 | 260 | 261 | 263 | 266 | 297 | 298 | 299 | 303 | 336 | 337 | 339 | 342 | 379 | 380 | 381 | 385 | 424 | 425 | 426 | 430 |
| | | Lo PR | 131 | 132 | 136 | 141 | 138 | 140 | 143 | 149 | 145 | 147 | 150 | 155 | 151 | 152 | 156 | 161 | 156 | 158 | 161 | 167 | 163 | 165 | 168 | 174 |
| | 900 | MBh | 27.0 | 27.3 | 28.1 | 29.3 | 26.7 | 27.1 | 27.9 | 29.1 | 26.1 | 26.4 | 27.2 | 28.4 | 24.9 | 25.3 | 26.0 | 27.2 | 23.5 | 23.8 | 24.6 | 25.8 | 22.2 | 22.5 | 23.3 | 24.5 |
| | | S/T | 1.00 | 0.99 | 0.85 | 0.7 | 1.00 | 1.00 | 0.86 | 0.7 | 1.00 | 1.00 | 0.89 | 0.7 | 1.00 | 1.00 | 0.91 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 32 | 30 | 27 | 23 | 32 | 30 | 27 | 23 | 33 | 31 | 27 | 23 | 32 | 30 | 27 | 23 | 32 | 30 | 26 | 23 | 33 | 31 | 28 | 23.8 |
| | | kW | 1.26 | 1.26 | 1.26 | 1.3 | 1.44 | 1.44 | 1.43 | 1.4 | 1.64 | 1.63 | 1.63 | 1.6 | 1.85 | 1.85 | 1.85 | 1.9 | 2.09 | 2.09 | 2.09 | 2.1 | 2.37 | 2.37 | 2.37 | 2.4 |
| | | Amps | 5.4 | 5.4 | 5.4 | 5.4 | 6.2 | 6.2 | 6.2 | 6.2 | 7.1 | 7.1 | 7.1 | 7.1 | 8.1 | 8.1 | 8.1 | 8.1 | 9.2 | 9.2 | 9.2 | 9.2 | 10.5 | 10.5 | 10.4 | 10.5 |
| | | | 226 | 227 | 228 | 232 | 261 | 262 | 263 | 267 | 298 | 298 | 300 | 304 | 337 | 338 | 339 | 343 | 379 | 380 | 382 | 386 | 425 | 426 | 427 | 431 |
| | | Lo PR | 132 | 133 | 136 | 142 | 139 | 141 | 144 | 150 | 146 | 148 | 151 | 156 | 152 | 153 | 157 | 162 | 157 | 159 | 162 | 168 | 164 | 166 | 169 | 175 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | AIRFLOW | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 1050 | MBh | 35.4 | 35.9 | 36.9 | - | 35.0 | 35.5 | 36.6 | - | 34.1 | 34.6 | 35.7 | - | 32.5 | 33.0 | 34.1 | - | 30.6 | 31.1 | 32.1 | - | 28.8 | 29.3 | 30.4 | - |
| | | S/T | 0.61 | 0.53 | 0.39 | - | 0.62 | 0.54 | 0.40 | - | 0.64 | 0.56 | 0.42 | - | 0.66 | 0.58 | 0.44 | - | 1.00 | 0.61 | 0.47 | - | 1.00 | 0.66 | 0.52 | - |
| | | ΔT | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 18 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 20 | 18 | 15 | - |
| | | kW | 1.77 | 1.76 | 1.76 | - | 1.99 | 1.98 | 1.98 | - | 2.23 | 2.23 | 2.23 | - | 2.50 | 2.50 | 2.49 | - | 2.80 | 2.79 | 2.79 | - | 3.14 | 3.14 | 3.14 | - |
| | | Amps | 7.0 | 7.0 | 7.0 | - | 8.0 | 8.0 | 8.0 | - | 9.2 | 9.2 | 9.1 | - | 10.4 | 10.4 | 10.4 | - | 11.7 | 11.7 | 11.7 | - | 13.3 | 13.3 | 13.3 | - |
| | | Hi PR | 229 | 230 | 232 | - | 265 | 266 | 268 | - | 303 | 304 | 306 | - | 344 | 345 | 347 | - | 388 | 389 | 391 | - | 435 | 436 | 438 | - |
| | | Lo PR | 120 | 122 | 125 | - | 128 | 129 | 132 | - | 134 | 136 | 139 | - | 139 | 141 | 144 | - | 145 | 146 | 149 | - | 151 | 153 | 156 | - |
| | 1220 | MBh | 35.9 | 36.4 | 37.4 | - | 35.6 | 36.1 | 37.1 | - | 34.6 | 35.1 | 36.2 | - | 33.0 | 33.5 | 34.6 | - | 31.1 | 31.6 | 32.7 | - | 29.3 | 29.8 | 30.9 | - |
| | | S/T | 0.68 | 0.60 | 0.46 | - | 0.69 | 0.61 | 0.47 | - | 0.71 | 0.63 | 0.49 | - | 0.73 | 0.65 | 0.51 | - | 1.00 | 0.68 | 0.54 | - | 1.00 | 0.73 | 0.59 | - |
| | | ΔT | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 19 | 17 | 14 | - |
| | | kW | 1.78 | 1.78 | 1.77 | - | 2.00 | 2.00 | 1.99 | - | 2.25 | 2.24 | 2.24 | - | 2.51 | 2.51 | 2.51 | - | 2.81 | 2.81 | 2.80 | - | 3.16 | 3.16 | 3.15 | - |
| | | Amps | 7.1 | 7.1 | 7.1 | - | 8.1 | 8.1 | 8.1 | - | 9.2 | 9.2 | 9.2 | - | 10.4 | 10.4 | 10.4 | - | 11.8 | 11.8 | 11.8 | - | 13.4 | 13.4 | 13.4 | - |
| | | Hi PR | 231 | 232 | 234 | - | 268 | 269 | 270 | - | 305 | 306 | 308 | - | 346 | 347 | 349 | - | 390 | 391 | 393 | - | 437 | 438 | 440 | - |
| | | Lo PR | 122 | 124 | 127 | - | 130 | 131 | 134 | - | 136 | 138 | 141 | - | 141 | 143 | 146 | - | 147 | 148 | 151 | - | 153 | 155 | 158 | - |
| | 1350 | MBh | 36.3 | 36.8 | 37.9 | - | 36.0 | 36.5 | 37.6 | - | 35.1 | 35.6 | 36.7 | - | 33.5 | 34.0 | 35.1 | - | 31.6 | 32.1 | 33.1 | - | 29.8 | 30.3 | 31.3 | - |
| | | S/T | 0.71 | 0.63 | 0.49 | - | 0.72 | 0.64 | 0.50 | - | 0.74 | 0.66 | 0.53 | - | 0.76 | 0.68 | 0.55 | - | 1.00 | 0.71 | 0.57 | - | 1.00 | 0.76 | 0.62 | - |
| | | ΔT | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 16 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 18 | 16 | 13 | - |
| | | kW | 1.79 | 1.79 | 1.78 | - | 2.01 | 2.01 | 2.00 | - | 2.25 | 2.25 | 2.25 | - | 2.52 | 2.52 | 2.51 | - | 2.82 | 2.82 | 2.81 | - | 3.17 | 3.16 | 3.16 | - |
| | | Amps | 7.1 | 7.1 | 7.1 | - | 8.1 | 8.1 | 8.1 | - | 9.3 | 9.3 | 9.2 | - | 10.5 | 10.5 | 10.5 | - | 11.8 | 11.8 | 11.8 | - | 13.4 | 13.4 | 13.4 | - |
| | | Hi PR | 233 | 234 | 236 | - | 269 | 270 | 272 | - | 307 | 308 | 310 | - | 348 | 349 | 351 | - | 392 | 393 | 395 | - | 439 | 440 | 442 | - |
| | | Lo PR | 124 | 125 | 128 | - | 131 | 133 | 136 | - | 138 | 139 | 142 | - | 143 | 145 | 148 | - | 148 | 150 | 153 | - | 155 | 157 | 160 | - |
| 75 | 1050 | MBh | 35.4 | 35.9 | 36.9 | 38.6 | 35.1 | 35.6 | 36.6 | 38.2 | 34.1 | 34.6 | 35.7 | 37.3 | 32.5 | 33.0 | 34.1 | 35.7 | 30.6 | 31.1 | 32.2 | 33.8 | 28.8 | 29.3 | 30.4 | 32.0 |
| | | S/T | 0.74 | 0.66 | 0.52 | 0.4 | 0.75 | 0.67 | 0.53 | 0.4 | 1.00 | 0.69 | 0.56 | 0.4 | 1.00 | 0.71 | 0.58 | 0.4 | 1.00 | 0.74 | 0.60 | 0.5 | 1.00 | 0.79 | 0.65 | 0.5 |
| | | ΔT | 23 | 21 | 18 | 15 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 15 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 24 | 22 | 19 | 15.3 |
| | | kW | 1.76 | 1.76 | 1.76 | 1.8 | 1.98 | 1.98 | 1.98 | 2.0 | 2.23 | 2.23 | 2.23 | 2.2 | 2.50 | 2.50 | 2.49 | 2.5 | 2.79 | 2.79 | 2.79 | 2.8 | 3.14 | 3.14 | 3.14 | 3.2 |
| | | Amps | 7.0 | 7.0 | 7.0 | 7.1 | 8.0 | 8.0 | 8.0 | 8.1 | 9.2 | 9.1 | 9.1 | 9.2 | 10.4 | 10.4 | 10.4 | 10.4 | 11.7 | 11.7 | 11.7 | 11.8 | 13.3 | 13.3 | 13.3 | 13.4 |
| | | Hi PR | 229 | 230 | 232 | 236 | 266 | 267 | 268 | 272 | 304 | 305 | 306 | 310 | 344 | 345 | 347 | 351 | 388 | 389 | 391 | 395 | 435 | 436 | 438 | 442 |
| | | Lo PR | 120 | 122 | 125 | 130 | 128 | 129 | 132 | 137 | 134 | 136 | 139 | 144 | 140 | 141 | 144 | 149 | 145 | 146 | 149 | 155 | 152 | 153 | 156 | 161 |
| | 1220 | MBh | 35.9 | 36.4 | 37.4 | 39.1 | 35.6 | 36.1 | 37.1 | 38.7 | 34.6 | 35.1 | 36.2 | 37.8 | 33.1 | 33.6 | 34.6 | 36.2 | 31.1 | 31.6 | 32.7 | 34.3 | 29.3 | 29.8 | 30.9 | 32.5 |
| | | S/T | 0.81 | 0.73 | 0.59 | 0.4 | 0.82 | 0.74 | 0.60 | 0.5 | 1.00 | 0.76 | 0.63 | 0.5 | 1.00 | 0.78 | 0.65 | 0.5 | 1.00 | 0.81 | 0.67 | 0.5 | 1.00 | 1.00 | 0.72 | 0.6 |
| | | ΔT | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 14 | 22 | 20 | 17 | 13 | 21 | 20 | 16 | 13 | 23 | 21 | 17 | 14.1 |
| | | kW | 1.78 | 1.78 | 1.77 | 1.8 | 2.00 | 2.00 | 1.99 | 2.0 | 2.24 | 2.24 | 2.24 | 2.3 | 2.51 | 2.51 | 2.50 | 2.5 | 2.81 | 2.81 | 2.80 | 2.8 | 3.16 | 3.15 | 3.15 | 3.2 |
| | | Amps | 7.1 | 7.1 | 7.1 | 7.1 | 8.1 | 8.1 | 8.1 | 8.1 | 9.2 | 9.2 | 9.2 | 9.3 | 10.4 | 10.4 | 10.4 | 10.5 | 11.8 | 11.8 | 11.8 | 11.8 | 13.4 | 13.4 | 13.4 | 13.4 |
| | | Hi PR | 232 | 233 | 234 | 238 | 268 | 269 | 270 | 274 | 306 | 307 | 308 | 312 | 347 | 348 | 349 | 353 | 391 | 392 | 393 | 397 | 438 | 439 | 440 | 444 |
| | | Lo PR | 122 | 124 | 127 | 132 | 130 | 131 | 134 | 139 | 136 | 138 | 141 | 146 | 141 | 143 | 146 | 151 | 147 | 148 | 151 | 157 | 153 | 155 | 158 | 163 |
| | 1350 | MBh | 36.4 | 36.9 | 37.9 | 39.5 | 36.0 | 36.5 | 37.6 | 39.2 | 35.1 | 35.6 | 36.7 | 38.3 | 33.5 | 34.0 | 35.1 | 36.7 | 31.6 | 32.1 | 33.1 | 34.8 | 29.8 | 30.3 | 31.4 | 33.0 |
| | | S/T | 0.84 | 0.76 | 0.63 | 0.5 | 0.85 | 0.77 | 0.63 | 0.5 | 1.00 | 0.80 | 0.66 | 0.5 | 1.00 | 0.82 | 0.68 | 0.5 | 1.00 | 0.84 | 0.70 | 0.6 | 1.00 | 1.00 | 0.75 | 0.6 |
| | | ΔT | 21 | 19 | 16 | 13 | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 13 | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 22 | 20 | 17 | 13.3 |
| | | kW | 1.79 | 1.78 | 1.78 | 1.8 | 2.01 | 2.00 | 2.00 | 2.0 | 2.25 | 2.25 | 2.25 | 2.3 | 2.52 | 2.52 | 2.51 | 2.5 | 2.82 | 2.81 | 2.81 | 2.8 | 3.16 | 3.16 | 3.16 | 3.2 |
| | | Amps | 7.1 | 7.1 | 7.1 | 7.2 | 8.1 | 8.1 | 8.1 | 8.2 | 9.3 | 9.2 | 9.2 | 9.3 | 10.5 | 10.5 | 10.4 | 10.5 | 11.8 | 11.8 | 11.8 | 11.9 | 13.4 | 13.4 | 13.4 | 13.5 |
| | | Hi PR | 233 | 234 | 236 | 240 | 269 | 270 | 272 | 276 | 307 | 308 | 310 | 314 | 348 | 349 | 351 | 355 | 392 | 393 | 395 | 399 | 439 | 440 | 442 | 446 |
| | | Lo PR | 124 | 125 | 129 | 134 | 131 | 133 | 136 | 141 | 138 | 139 | 142 | 147 | 143 | 145 | 148 | 153 | 148 | 150 | 153 | 158 | 155 | 157 | 160 | 165 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | AIRFLOW | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | 1050 | MBh | 35.6 | 36.1 | 37.1 | 38.7 | 35.2 | 35.7 | 36.8 | 38.4 | 34.3 | 34.8 | 35.9 | 37.5 | 32.7 | 33.2 | 34.3 | 35.9 | 30.8 | 31.3 | 32.3 | 34.0 | 29.0 | 29.5 | 30.6 | 32.2 |
| | | S/T | 0.87 | 0.79 | 0.65 | 0.5 | 1.00 | 0.80 | 0.66 | 0.5 | 1.00 | 0.82 | 0.68 | 0.5 | 1.00 | 0.84 | 0.70 | 0.6 | 1.00 | 1.00 | 0.73 | 0.6 | 1.00 | 1.00 | 0.78 | 0.6 |
| | | ΔT | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 19 | 27 | 25 | 22 | 18 | 26 | 25 | 21 | 18 | 28 | 26 | 23 | 19.2 |
| | | kW | 1.77 | 1.76 | 1.76 | 1.8 | 1.99 | 1.98 | 1.98 | 2.0 | 2.23 | 2.23 | 2.23 | 2.2 | 2.50 | 2.50 | 2.49 | 2.5 | 2.80 | 2.79 | 2.79 | 2.8 | 3.14 | 3.14 | 3.14 | 3.2 |
| | | Amps | 7.0 | 7.0 | 7.0 | 7.1 | 8.0 | 8.0 | 8.0 | 8.1 | 9.2 | 9.2 | 9.1 | 9.2 | 10.4 | 10.4 | 10.4 | 10.4 | 11.7 | 11.7 | 11.7 | 11.8 | 13.3 | 13.3 | 13.3 | 13.4 |
| | | Hi PR | 230 | 231 | 232 | 236 | 266 | 267 | 269 | 273 | 304 | 305 | 307 | 311 | 345 | 346 | 347 | 351 | 389 | 390 | 391 | 395 | 436 | 437 | 438 | 442 |
| | | Lo PR | 121 | 122 | 125 | 131 | 128 | 130 | 133 | 138 | 135 | 136 | 139 | 144 | 140 | 142 | 145 | 150 | 145 | 147 | 150 | 155 | 152 | 154 | 157 | 162 |
| | 1220 | MBh | 36.1 | 36.6 | 37.6 | 39.2 | 35.8 | 36.3 | 37.3 | 38.9 | 34.8 | 35.3 | 36.4 | 38.0 | 33.2 | 33.7 | 34.8 | 36.4 | 31.3 | 31.8 | 32.9 | 34.5 | 29.5 | 30.0 | 31.1 | 32.7 |
| | | S/T | 1.00 | 0.86 | 0.72 | 0.6 | 1.00 | 0.87 | 0.73 | 0.6 | 1.00 | 0.89 | 0.75 | 0.6 | 1.00 | 0.91 | 0.77 | 0.6 | 1.00 | 1.00 | 0.80 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 |
| | | ΔT | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 25 | 24 | 20 | 17 | 26 | 25 | 21 | 18.0 |
| | | kW | 1.78 | 1.78 | 1.77 | 1.8 | 2.00 | 2.00 | 1.99 | 2.0 | 2.24 | 2.24 | 2.24 | 2.3 | 2.51 | 2.51 | 2.51 | 2.5 | 2.81 | 2.81 | 2.80 | 2.8 | 3.16 | 3.16 | 3.15 | 3.2 |
| | | Amps | 7.1 | 7.1 | 7.1 | 7.1 | 8.1 | 8.1 | 8.1 | 8.1 | 9.2 | 9.2 | 9.2 | 9.3 | 10.4 | 10.4 | 10.4 | 10.5 | 11.8 | 11.8 | 11.8 | 11.9 | 13.4 | 13.4 | 13.4 | 13.4 |
| | | Hi PR | 232 | 233 | 235 | 239 | 268 | 269 | 271 | 275 | 306 | 307 | 309 | 313 | 347 | 348 | 350 | 354 | 391 | 392 | 394 | 398 | 438 | 439 | 441 | 445 |
| | | Lo PR | 123 | 124 | 127 | 133 | 130 | 132 | 135 | 140 | 137 | 138 | 141 | 146 | 142 | 144 | 147 | 152 | 147 | 149 | 152 | 157 | 154 | 156 | 159 | 164 |
| | 1350 | MBh | 36.5 | 37.0 | 38.1 | 39.7 | 36.2 | 36.7 | 37.8 | 39.4 | 35.3 | 35.8 | 36.9 | 38.5 | 33.7 | 34.2 | 35.3 | 36.9 | 31.8 | 32.3 | 33.3 | 34.9 | 30.0 | 30.5 | 31.6 | 33.2 |
| | | S/T | 1.00 | 0.89 | 0.75 | 0.6 | 1.00 | 0.90 | 0.76 | 0.6 | 1.00 | 0.92 | 0.79 | 0.6 | 1.00 | 0.94 | 0.81 | 0.7 | 1.00 | 1.00 | 0.83 | 0.7 | 1.00 | 1.00 | 0.88 | 0.7 |
| | | ΔT | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 17 | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 26 | 24 | 21 | 17.2 |
| | | kW | 1.79 | 1.79 | 1.78 | 1.8 | 2.01 | 2.01 | 2.00 | 2.0 | 2.25 | 2.25 | 2.25 | 2.3 | 2.52 | 2.52 | 2.51 | 2.5 | 2.82 | 2.82 | 2.81 | 2.8 | 3.17 | 3.16 | 3.16 | 3.2 |
| | | Amps | 7.1 | 7.1 | 7.1 | 7.2 | 8.1 | 8.1 | 8.1 | 8.2 | 9.3 | 9.3 | 9.2 | 9.3 | 10.5 | 10.5 | 10.5 | 10.5 | 11.8 | 11.8 | 11.8 | 11.9 | 13.4 | 13.4 | 13.4 | 13.5 |
| | | Hi PR | 234 | 235 | 236 | 240 | 270 | 271 | 272 | 276 | 308 | 309 | 310 | 314 | 349 | 350 | 351 | 355 | 393 | 394 | 395 | 399 | 440 | 441 | 442 | 446 |
| | | Lo PR | 124 | 126 | 129 | 134 | 132 | 133 | 136 | 142 | 138 | 140 | 143 | 148 | 144 | 145 | 148 | 153 | 149 | 150 | 154 | 159 | 156 | 157 | 160 | 165 |
| 85 | 1050 | MBh | 36.2 | 36.7 | 37.7 | 39.3 | 35.8 | 36.3 | 37.4 | 39.0 | 34.9 | 35.4 | 36.5 | 38.1 | 33.3 | 33.8 | 34.9 | 36.5 | 31.4 | 31.9 | 32.9 | 34.6 | 29.6 | 30.1 | 31.2 | 32.8 |
| | | S/T | 1.00 | 0.89 | 0.76 | 0.6 | 1.00 | 0.90 | 0.76 | 0.6 | 1.00 | 1.00 | 0.79 | 0.6 | 1.00 | 1.00 | 0.81 | 0.7 | 1.00 | 1.00 | 0.83 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 |
| | | ΔT | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 22 | 30 | 29 | 25 | 22 | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 22 | 31 | 29 | 26 | 22.6 |
| | | kW | 1.77 | 1.77 | 1.76 | 1.8 | 1.99 | 1.99 | 1.98 | 2.0 | 2.24 | 2.23 | 2.23 | 2.2 | 2.50 | 2.50 | 2.50 | 2.5 | 2.80 | 2.80 | 2.79 | 2.8 | 3.15 | 3.15 | 3.14 | 3.2 |
| | | Amps | 7.0 | 7.0 | 7.0 | 7.1 | 8.1 | 8.0 | 8.0 | 8.1 | 9.2 | 9.2 | 9.2 | 9.2 | 10.4 | 10.4 | 10.4 | 10.5 | 11.8 | 11.8 | 11.7 | 11.8 | 13.4 | 13.4 | 13.3 | 13.4 |
| | | Hi PR | 231 | 232 | 233 | 237 | 267 | 268 | 270 | 274 | 305 | 306 | 308 | 312 | 346 | 347 | 348 | 352 | 390 | 391 | 392 | 396 | 437 | 438 | 439 | 443 |
| | | Lo PR | 123 | 124 | 127 | 132 | 130 | 131 | 135 | 140 | 136 | 138 | 141 | 146 | 142 | 143 | 146 | 152 | 147 | 149 | 152 | 157 | 154 | 155 | 158 | 164 |
| | 1220 | MBh | 36.7 | 37.2 | 38.2 | 39.8 | 36.4 | 36.9 | 37.9 | 39.5 | 35.4 | 35.9 | 37.0 | 38.6 | 33.8 | 34.3 | 35.4 | 37.0 | 31.9 | 32.4 | 33.5 | 35.1 | 30.1 | 30.6 | 31.7 | 33.3 |
| | | S/T | 1.00 | 0.96 | 0.83 | 0.7 | 1.00 | 0.97 | 0.83 | 0.7 | 1.00 | 1.00 | 0.86 | 0.7 | 1.00 | 1.00 | 0.88 | 0.7 | 1.00 | 1.00 | 0.90 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 20 | 30 | 28 | 25 | 21.4 |
| | | kW | 1.78 | 1.78 | 1.78 | 1.8 | 2.00 | 2.00 | 2.00 | 2.0 | 2.25 | 2.25 | 2.24 | 2.3 | 2.52 | 2.51 | 2.51 | 2.5 | 2.81 | 2.81 | 2.81 | 2.8 | 3.16 | 3.16 | 3.16 | 3.2 |
| | | Amps | 7.1 | 7.1 | 7.1 | 7.2 | 8.1 | 8.1 | 8.1 | 8.2 | 9.2 | 9.2 | 9.2 | 9.3 | 10.5 | 10.5 | 10.4 | 10.5 | 11.8 | 11.8 | 11.8 | 11.9 | 13.4 | 13.4 | 13.4 | 13.5 |
| | | Hi PR | 233 | 234 | 236 | 240 | 269 | 270 | 272 | 276 | 307 | 308 | 310 | 314 | 348 | 349 | 351 | 355 | 392 | 393 | 395 | 399 | 439 | 440 | 442 | 446 |
| | | Lo PR | 125 | 126 | 129 | 134 | 132 | 133 | 137 | 142 | 138 | 140 | 143 | 148 | 144 | 145 | 148 | 154 | 149 | 151 | 154 | 159 | 156 | 157 | 160 | 166 |
| | 1350 | MBh | 37.1 | 37.6 | 38.7 | 40.3 | 36.8 | 37.3 | 38.4 | 40.0 | 35.9 | 36.4 | 37.5 | 39.1 | 34.3 | 34.8 | 35.9 | 37.5 | 32.4 | 32.9 | 33.9 | 35.5 | 30.6 | 31.1 | 32.1 | 33.8 |
| | | S/T | 1.00 | 0.99 | 0.86 | 0.7 | 1.00 | 1.00 | 0.86 | 0.7 | 1.00 | 1.00 | 0.89 | 0.7 | 1.00 | 1.00 | 0.91 | 0.8 | 1.00 | 1.00 | 0.93 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 28 | 27 | 23 | 20 | 28 | 26 | 23 | 20 | 28 | 27 | 23 | 20 | 28 | 26 | 23 | 20 | 28 | 26 | 23 | 20 | 29 | 27 | 24 | 20.6 |
| | | kW | 1.79 | 1.79 | 1.79 | 1.8 | 2.01 | 2.01 | 2.01 | 2.0 | 2.26 | 2.26 | 2.25 | 2.3 | 2.52 | 2.52 | 2.52 | 2.5 | 2.82 | 2.82 | 2.82 | 2.8 | 3.17 | 3.17 | 3.16 | 3.2 |
| | | Amps | 7.1 | 7.1 | 7.1 | 7.2 | 8.2 | 8.1 | 8.1 | 8.2 | 9.3 | 9.3 | 9.3 | 9.3 | 10.5 | 10.5 | 10.5 | 10.5 | 11.9 | 11.9 | 11.8 | 11.9 | 13.5 | 13.4 | 13.4 | 13.5 |
| | | Hi PR | 235 | 236 | 237 | 241 | 271 | 272 | 273 | 277 | 309 | 310 | 311 | 315 | 350 | 351 | 352 | 356 | 394 | 395 | 396 | 400 | 441 | 442 | 443 | 447 |
| | | Lo PR | 126 | 128 | 131 | 136 | 134 | 135 | 138 | 143 | 140 | 142 | 145 | 150 | 145 | 147 | 150 | 155 | 151 | 152 | 155 | 161 | 157 | 159 | 162 | 167 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | AIRFLOW | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 1050 | MBh | 36.1 | 36.6 | 37.7 | - | 35.8 | 36.3 | 37.4 | - | 34.8 | 35.4 | 36.4 | - | 33.2 | 33.7 | 34.8 | - | 31.3 | 31.8 | 32.8 | - | 29.5 | 30.0 | 31.0 | - |
| | | S/T | 0.64 | 0.56 | 0.43 | - | 0.65 | 0.57 | 0.43 | - | 0.67 | 0.60 | 0.46 | - | 1.00 | 0.62 | 0.48 | - | 1.00 | 0.64 | 0.50 | - | 1.00 | 0.69 | 0.55 | - |
| | | ΔT | 20 | 18 | 14 | - | 20 | 18 | 14 | - | 20 | 18 | 15 | - | 20 | 18 | 14 | - | 19 | 18 | 14 | - | 21 | 19 | 15 | - |
| | | kW | 1.85 | 1.85 | 1.84 | - | 2.10 | 2.10 | 2.10 | - | 2.39 | 2.38 | 2.38 | - | 2.69 | 2.69 | 2.69 | - | 3.04 | 3.04 | 3.03 | - | 3.44 | 3.44 | 3.43 | - |
| | | Amps | 7.8 | 7.8 | 7.8 | - | 9.0 | 9.0 | 8.9 | - | 10.3 | 10.3 | 10.2 | - | 11.7 | 11.7 | 11.7 | - | 13.3 | 13.2 | 13.2 | - | 15.1 | 15.1 | 15.1 | - |
| | | Hi PR | 230 | 231 | 233 | - | 266 | 267 | 269 | - | 304 | 305 | 307 | - | 345 | 346 | 348 | - | 389 | 390 | 392 | - | 436 | 437 | 439 | - |
| | | Lo PR | 127 | 129 | 132 | - | 135 | 136 | 139 | - | 141 | 143 | 146 | - | 147 | 149 | 152 | - | 153 | 154 | 157 | - | 160 | 161 | 164 | - |
| | 1150 | MBh | 36.4 | 37.0 | 38.0 | - | 36.1 | 36.6 | 37.7 | - | 35.2 | 35.7 | 36.8 | - | 33.6 | 34.1 | 35.1 | - | 31.6 | 32.1 | 33.2 | - | 29.8 | 30.3 | 31.4 | - |
| | | S/T | 0.68 | 0.60 | 0.46 | - | 0.69 | 0.61 | 0.47 | - | 0.71 | 0.64 | 0.50 | - | 1.00 | 0.66 | 0.52 | - | 1.00 | 0.68 | 0.54 | - | 1.00 | 0.73 | 0.59 | - |
| | | ΔT | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 13 | - | 20 | 18 | 15 | - |
| | | kW | 1.86 | 1.85 | 1.85 | - | 2.11 | 2.11 | 2.10 | - | 2.39 | 2.39 | 2.39 | - | 2.70 | 2.70 | 2.70 | - | 3.05 | 3.04 | 3.04 | - | 3.45 | 3.45 | 3.44 | - |
| | | Amps | 7.9 | 7.8 | 7.8 | - | 9.0 | 9.0 | 9.0 | - | 10.3 | 10.3 | 10.3 | - | 11.7 | 11.7 | 11.7 | - | 13.3 | 13.3 | 13.3 | - | 15.1 | 15.1 | 15.1 | - |
| | | Hi PR | 231 | 232 | 234 | - | 268 | 269 | 270 | - | 306 | 307 | 308 | - | 347 | 348 | 349 | - | 391 | 392 | 393 | - | 438 | 439 | 440 | - |
| | | Lo PR | 128 | 130 | 133 | - | 136 | 138 | 141 | - | 143 | 144 | 147 | - | 148 | 150 | 153 | - | 154 | 156 | 159 | - | 161 | 163 | 166 | - |
| | 1350 | MBh | 37.3 | 37.8 | 38.8 | - | 36.9 | 37.5 | 38.5 | - | 36.0 | 36.5 | 37.6 | - | 34.4 | 34.9 | 36.0 | - | 32.4 | 32.9 | 34.0 | - | 30.6 | 31.1 | 32.2 | - |
| | | S/T | 0.72 | 0.65 | 0.51 | - | 0.73 | 0.65 | 0.51 | - | 1.00 | 0.68 | 0.54 | - | 1.00 | 0.70 | 0.56 | - | 1.00 | 0.72 | 0.58 | - | 1.00 | 1.00 | 0.63 | - |
| | | ΔT | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 17 | 16 | 12 | - | 19 | 17 | 13 | - |
| | | kW | 1.87 | 1.87 | 1.86 | - | 2.13 | 2.12 | 2.12 | - | 2.41 | 2.41 | 2.40 | - | 2.72 | 2.72 | 2.71 | - | 3.06 | 3.06 | 3.05 | - | 3.46 | 3.46 | 3.46 | - |
| | | Amps | 7.9 | 7.9 | 7.9 | - | 9.1 | 9.1 | 9.1 | - | 10.4 | 10.4 | 10.4 | - | 11.8 | 11.8 | 11.8 | - | 13.4 | 13.4 | 13.3 | - | 15.2 | 15.2 | 15.2 | - |
| | | Hi PR | 234 | 235 | 237 | - | 270 | 271 | 273 | - | 308 | 309 | 311 | - | 349 | 350 | 352 | - | 393 | 394 | 396 | - | 440 | 441 | 443 | - |
| | | Lo PR | 131 | 133 | 136 | - | 139 | 140 | 144 | - | 146 | 147 | 150 | - | 151 | 153 | 156 | - | 157 | 158 | 162 | - | 164 | 165 | 169 | - |
| 75 | 1050 | MBh | 36.1 | 36.6 | 37.7 | 39.4 | 35.8 | 36.3 | 37.4 | 39.0 | 34.9 | 35.4 | 36.4 | 38.1 | 33.3 | 33.8 | 34.8 | 36.5 | 31.3 | 31.8 | 32.9 | 34.5 | 29.5 | 30.0 | 31.1 | 32.7 |
| | | S/T | 0.77 | 0.70 | 0.56 | 0.4 | 1.00 | 0.70 | 0.56 | 0.4 | 1.00 | 0.73 | 0.59 | 0.4 | 1.00 | 0.75 | 0.61 | 0.5 | 1.00 | 0.77 | 0.63 | 0.5 | 1.00 | 1.00 | 0.68 | 0.5 |
| | | ΔT | 24 | 22 | 19 | 15 | 24 | 22 | 18 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 18 | 15 | 24 | 22 | 18 | 15 | 25 | 23 | 19 | 15.8 |
| | | kW | 1.85 | 1.84 | 1.84 | 1.9 | 2.10 | 2.10 | 2.09 | 2.1 | 2.38 | 2.38 | 2.38 | 2.4 | 2.69 | 2.69 | 2.69 | 2.7 | 3.04 | 3.03 | 3.03 | 3.0 | 3.44 | 3.44 | 3.43 | 3.5 |
| | | Amps | 7.8 | 7.8 | 7.8 | 7.9 | 9.0 | 9.0 | 8.9 | 9.0 | 10.3 | 10.3 | 10.2 | 10.3 | 11.7 | 11.7 | 11.6 | 11.7 | 13.2 | 13.2 | 13.2 | 13.3 | 15.1 | 15.1 | 15.1 | 15.2 |
| | | Hi PR | 230 | 231 | 233 | 237 | 267 | 268 | 269 | 273 | 305 | 306 | 307 | 311 | 345 | 346 | 348 | 352 | 389 | 390 | 392 | 396 | 436 | 437 | 439 | 443 |
| | | Lo PR | 127 | 129 | 132 | 137 | 135 | 136 | 139 | 145 | 141 | 143 | 146 | 152 | 147 | 149 | 152 | 157 | 153 | 154 | 157 | 163 | 160 | 161 | 164 | 170 |
| | 1150 | MBh | 36.5 | 37.0 | 38.0 | 39.7 | 36.1 | 36.7 | 37.7 | 39.4 | 35.2 | 35.7 | 36.8 | 38.4 | 33.6 | 34.1 | 35.2 | 36.8 | 31.6 | 32.1 | 33.2 | 34.8 | 29.8 | 30.3 | 31.4 | 33.0 |
| | | S/T | 0.81 | 0.74 | 0.60 | 0.5 | 1.00 | 0.74 | 0.60 | 0.5 | 1.00 | 0.77 | 0.63 | 0.5 | 1.00 | 0.79 | 0.65 | 0.5 | 1.00 | 1.00 | 0.67 | 0.5 | 1.00 | 1.00 | 0.72 | 0.6 |
| | | ΔT | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 17 | 14 | 24 | 22 | 19 | 15.0 |
| | | kW | 1.85 | 1.85 | 1.85 | 1.9 | 2.11 | 2.11 | 2.10 | 2.1 | 2.39 | 2.39 | 2.39 | 2.4 | 2.70 | 2.70 | 2.69 | 2.7 | 3.04 | 3.04 | 3.04 | 3.1 | 3.45 | 3.45 | 3.44 | 3.5 |
| | | Amps | 7.8 | 7.8 | 7.8 | 7.9 | 9.0 | 9.0 | 9.0 | 9.1 | 10.3 | 10.3 | 10.3 | 10.4 | 11.7 | 11.7 | 11.7 | 11.8 | 13.3 | 13.3 | 13.3 | 13.3 | 15.1 | 15.1 | 15.1 | 15.2 |
| | | Hi PR | 232 | 233 | 234 | 238 | 268 | 269 | 271 | 275 | 306 | 307 | 308 | 312 | 347 | 348 | 349 | 353 | 391 | 392 | 393 | 397 | 438 | 439 | 440 | 444 |
| | | Lo PR | 128 | 130 | 133 | 138 | 136 | 138 | 141 | 146 | 143 | 144 | 148 | 153 | 148 | 150 | 153 | 159 | 154 | 156 | 159 | 164 | 161 | 163 | 166 | 171 |
| | 1350 | MBh | 37.3 | 37.8 | 38.9 | 40.5 | 37.0 | 37.5 | 38.5 | 40.2 | 36.0 | 36.5 | 37.6 | 39.2 | 34.4 | 34.9 | 36.0 | 37.6 | 32.4 | 32.9 | 34.0 | 35.7 | 30.6 | 31.1 | 32.2 | 33.9 |
| | | S/T | 0.86 | 0.78 | 0.64 | 0.5 | 1.00 | 0.78 | 0.65 | 0.5 | 1.00 | 0.81 | 0.67 | 0.5 | 1.00 | 0.83 | 0.69 | 0.5 | 1.00 | 1.00 | 0.71 | 0.6 | 1.00 | 1.00 | 0.77 | 0.6 |
| | | ΔT | 22 | 20 | 16 | 13 | 22 | 20 | 16 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 16 | 13 | 21 | 20 | 16 | 13 | 23 | 21 | 17 | 13.7 |
| | | kW | 1.87 | 1.87 | 1.86 | 1.9 | 2.12 | 2.12 | 2.12 | 2.1 | 2.41 | 2.41 | 2.40 | 2.4 | 2.72 | 2.71 | 2.71 | 2.7 | 3.06 | 3.06 | 3.05 | 3.1 | 3.46 | 3.46 | 3.46 | 3.5 |
| | | Amps | 7.9 | 7.9 | 7.9 | 8.0 | 9.1 | 9.1 | 9.0 | 9.1 | 10.4 | 10.4 | 10.3 | 10.4 | 11.8 | 11.8 | 11.8 | 11.8 | 13.4 | 13.3 | 13.3 | 13.4 | 15.2 | 15.2 | 15.2 | 15.3 |
| | | Hi PR | 234 | 235 | 237 | 241 | 271 | 272 | 273 | 277 | 308 | 309 | 311 | 315 | 349 | 350 | 352 | 356 | 393 | 394 | 396 | 400 | 440 | 441 | 443 | 447 |
| | | Lo PR | 131 | 133 | 136 | 141 | 139 | 140 | 144 | 149 | 146 | 147 | 150 | 156 | 151 | 153 | 156 | 162 | 157 | 159 | 162 | 167 | 164 | 166 | 169 | 174 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | AIRFLOW | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | 1050 | MBh | 36.3 | 36.8 | 37.9 | 39.5 | 36.0 | 36.5 | 37.6 | 39.2 | 35.1 | 35.6 | 36.6 | 38.3 | 33.4 | 33.9 | 35.0 | 36.7 | 31.5 | 32.0 | 33.0 | 34.7 | 29.7 | 30.2 | 31.2 | 32.9 |
| | | S/T | 1.00 | 0.82 | 0.69 | 0.5 | 1.00 | 0.83 | 0.69 | 0.5 | 1.00 | 0.86 | 0.72 | 0.6 | 1.00 | 1.00 | 0.74 | 0.6 | 1.00 | 1.00 | 0.76 | 0.6 | 1.00 | 1.00 | 0.81 | 0.7 |
| | | ΔT | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 22 | 19 | 29 | 27 | 23 | 19.9 |
| | | kW | 1.85 | 1.85 | 1.84 | 1.9 | 2.10 | 2.10 | 2.10 | 2.1 | 2.39 | 2.38 | 2.38 | 2.4 | 2.69 | 2.69 | 2.69 | 2.7 | 3.04 | 3.03 | 3.03 | 3.0 | 3.44 | 3.44 | 3.43 | 3.5 |
| | | Amps | 7.8 | 7.8 | 7.8 | 7.9 | 9.0 | 9.0 | 8.9 | 9.0 | 10.3 | 10.3 | 10.2 | 10.3 | 11.7 | 11.7 | 11.7 | 11.7 | 13.3 | 13.2 | 13.2 | 13.3 | 15.1 | 15.1 | 15.1 | 15.2 |
| | | Hi PR | 231 | 232 | 233 | 237 | 267 | 268 | 270 | 274 | 305 | 306 | 308 | 312 | 346 | 347 | 348 | 352 | 390 | 391 | 392 | 396 | 437 | 438 | 439 | 443 |
| | | Lo PR | 128 | 129 | 132 | 138 | 135 | 137 | 140 | 145 | 142 | 144 | 147 | 152 | 148 | 149 | 152 | 158 | 153 | 155 | 158 | 163 | 160 | 162 | 165 | 170 |
| | 1150 | MBh | 36.7 | 37.2 | 38.2 | 39.9 | 36.3 | 36.8 | 37.9 | 39.6 | 35.4 | 35.9 | 37.0 | 38.6 | 33.8 | 34.3 | 35.4 | 37.0 | 31.8 | 32.3 | 33.4 | 35.0 | 30.0 | 30.5 | 31.6 | 33.2 |
| | | S/T | 1.00 | 0.86 | 0.73 | 0.6 | 1.00 | 0.87 | 0.73 | 0.6 | 1.00 | 0.90 | 0.76 | 0.6 | 1.00 | 1.00 | 0.78 | 0.6 | 1.00 | 1.00 | 0.80 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 |
| | | ΔT | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 26 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 28 | 26 | 23 | 19.1 |
| | | kW | 1.86 | 1.85 | 1.85 | 1.9 | 2.11 | 2.11 | 2.10 | 2.1 | 2.39 | 2.39 | 2.39 | 2.4 | 2.70 | 2.70 | 2.70 | 2.7 | 3.05 | 3.04 | 3.04 | 3.1 | 3.45 | 3.45 | 3.44 | 3.5 |
| | | Amps | 7.8 | 7.8 | 7.8 | 7.9 | 9.0 | 9.0 | 9.0 | 9.1 | 10.3 | 10.3 | 10.3 | 10.4 | 11.7 | 11.7 | 11.7 | 11.8 | 13.3 | 13.3 | 13.3 | 13.4 | 15.1 | 15.1 | 15.1 | 15.2 |
| | | Hi PR | 232 | 233 | 235 | 239 | 268 | 269 | 271 | 275 | 306 | 307 | 309 | 313 | 347 | 348 | 350 | 354 | 391 | 392 | 394 | 398 | 438 | 439 | 441 | 445 |
| | | Lo PR | 129 | 130 | 134 | 139 | 137 | 138 | 141 | 147 | 143 | 145 | 148 | 153 | 149 | 151 | 154 | 159 | 155 | 156 | 159 | 165 | 162 | 163 | 166 | 172 |
| | 1350 | MBh | 37.5 | 38.0 | 39.1 | 40.7 | 37.1 | 37.7 | 38.7 | 40.4 | 36.2 | 36.7 | 37.8 | 39.4 | 34.6 | 35.1 | 36.2 | 37.8 | 32.6 | 33.1 | 34.2 | 35.8 | 30.8 | 31.3 | 32.4 | 34.0 |
| | | S/T | 1.00 | 0.91 | 0.77 | 0.6 | 1.00 | 0.91 | 0.77 | 0.6 | 1.00 | 1.00 | 0.80 | 0.7 | 1.00 | 1.00 | 0.82 | 0.7 | 1.00 | 1.00 | 0.84 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 |
| | | ΔT | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 20 | 17 | 27 | 25 | 21 | 17.8 |
| | | kW | 1.87 | 1.87 | 1.86 | 1.9 | 2.13 | 2.12 | 2.12 | 2.1 | 2.41 | 2.41 | 2.40 | 2.4 | 2.72 | 2.72 | 2.71 | 2.7 | 3.06 | 3.06 | 3.05 | 3.1 | 3.46 | 3.46 | 3.46 | 3.5 |
| | | Amps | 7.9 | 7.9 | 7.9 | 8.0 | 9.1 | 9.1 | 9.1 | 9.1 | 10.4 | 10.4 | 10.4 | 10.4 | 11.8 | 11.8 | 11.8 | 11.9 | 13.4 | 13.4 | 13.3 | 13.4 | 15.2 | 15.2 | 15.2 | 15.3 |
| | | Hi PR | 235 | 236 | 237 | 241 | 271 | 272 | 274 | 278 | 309 | 310 | 312 | 316 | 350 | 351 | 352 | 356 | 394 | 395 | 396 | 400 | 441 | 442 | 443 | 447 |
| | | Lo PR | 132 | 133 | 137 | 142 | 139 | 141 | 144 | 150 | 146 | 148 | 151 | 156 | 152 | 153 | 157 | 162 | 158 | 159 | 162 | 168 | 165 | 166 | 169 | 175 |
| 85 | 1050 | MBh | 36.9 | 37.4 | 38.5 | 40.1 | 36.6 | 37.1 | 38.2 | 39.8 | 35.7 | 36.2 | 37.2 | 38.9 | 34.0 | 34.6 | 35.6 | 37.3 | 32.1 | 32.6 | 33.7 | 35.3 | 30.3 | 30.8 | 31.8 | 33.5 |
| | | S/T | 1.00 | 0.93 | 0.79 | 0.6 | 1.00 | 1.00 | 0.80 | 0.6 | 1.00 | 1.00 | 0.82 | 0.7 | 1.00 | 1.00 | 0.84 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 32 | 30 | 26 | 23 | 32 | 30 | 26 | 23 | 32 | 30 | 26 | 23 | 32 | 30 | 26 | 23 | 31 | 29 | 26 | 22 | 32 | 31 | 27 | 23.5 |
| | | kW | 1.85 | 1.85 | 1.85 | 1.9 | 2.11 | 2.10 | 2.10 | 2.1 | 2.39 | 2.39 | 2.38 | 2.4 | 2.70 | 2.70 | 2.69 | 2.7 | 3.04 | 3.04 | 3.04 | 3.1 | 3.44 | 3.44 | 3.44 | 3.5 |
| | | Amps | 7.8 | 7.8 | 7.8 | 7.9 | 9.0 | 9.0 | 9.0 | 9.1 | 10.3 | 10.3 | 10.3 | 10.4 | 11.7 | 11.7 | 11.7 | 11.8 | 13.3 | 13.3 | 13.2 | 13.3 | 15.1 | 15.1 | 15.1 | 15.2 |
| | | Hi PR | 232 | 233 | 234 | 238 | 268 | 269 | 271 | 275 | 306 | 307 | 309 | 313 | 347 | 348 | 349 | 353 | 391 | 392 | 394 | 398 | 438 | 439 | 441 | 445 |
| | | Lo PR | 129 | 131 | 134 | 140 | 137 | 139 | 142 | 147 | 144 | 145 | 149 | 154 | 150 | 151 | 154 | 160 | 155 | 157 | 160 | 165 | 162 | 164 | 167 | 172 |
| | 1150 | MBh | 37.3 | 37.8 | 38.8 | 40.5 | 36.9 | 37.4 | 38.5 | 40.2 | 36.0 | 36.5 | 37.6 | 39.2 | 34.4 | 34.9 | 36.0 | 37.6 | 32.4 | 32.9 | 34.0 | 35.6 | 30.6 | 31.1 | 32.2 | 33.8 |
| | | S/T | 1.00 | 0.97 | 0.83 | 0.7 | 1.00 | 1.00 | 0.84 | 0.7 | 1.00 | 1.00 | 0.86 | 0.7 | 1.00 | 1.00 | 0.88 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 31 | 29 | 26 | 22 | 31 | 29 | 25 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 25 | 22 | 31 | 29 | 25 | 22 | 32 | 30 | 26 | 22.8 |
| | | kW | 1.86 | 1.86 | 1.85 | 1.9 | 2.12 | 2.11 | 2.11 | 2.1 | 2.40 | 2.40 | 2.39 | 2.4 | 2.71 | 2.71 | 2.70 | 2.7 | 3.05 | 3.05 | 3.04 | 3.1 | 3.45 | 3.45 | 3.45 | 3.5 |
| | | Amps | 7.9 | 7.9 | 7.8 | 7.9 | 9.0 | 9.0 | 9.0 | 9.1 | 10.3 | 10.3 | 10.3 | 10.4 | 11.7 | 11.7 | 11.7 | 11.8 | 13.3 | 13.3 | 13.3 | 13.4 | 15.2 | 15.2 | 15.1 | 15.2 |
| | | Hi PR | 233 | 234 | 236 | 240 | 269 | 270 | 272 | 276 | 307 | 308 | 310 | 314 | 348 | 349 | 351 | 355 | 392 | 393 | 395 | 399 | 439 | 440 | 442 | 446 |
| | | Lo PR | 131 | 132 | 136 | 141 | 138 | 140 | 143 | 149 | 145 | 147 | 150 | 155 | 151 | 152 | 156 | 161 | 156 | 158 | 161 | 167 | 163 | 165 | 168 | 174 |
| | 1350 | MBh | 38.1 | 38.6 | 39.7 | 41.3 | 37.8 | 38.3 | 39.3 | 41.0 | 36.8 | 37.3 | 38.4 | 40.0 | 35.2 | 35.7 | 36.8 | 38.4 | 33.2 | 33.7 | 34.8 | 36.4 | 31.4 | 31.9 | 33.0 | 34.6 |
| | | S/T | 1.00 | 1.00 | 0.87 | 0.7 | 1.00 | 1.00 | 0.88 | 0.7 | 1.00 | 1.00 | 0.90 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 | 1.00 | 1.00 | 1.00 | 0.9 |
| | | ΔT | 30 | 28 | 24 | 21 | 30 | 28 | 24 | 21 | 30 | 28 | 24 | 21 | 29 | 28 | 24 | 21 | 29 | 27 | 24 | 20 | 30 | 29 | 25 | 21.5 |
| | | kW | 1.88 | 1.87 | 1.87 | 1.9 | 2.13 | 2.13 | 2.12 | 2.1 | 2.41 | 2.41 | 2.41 | 2.4 | 2.72 | 2.72 | 2.72 | 2.7 | 3.07 | 3.06 | 3.06 | 3.1 | 3.47 | 3.47 | 3.46 | 3.5 |
| | | Amps | 7.9 | 7.9 | 7.9 | 8.0 | 9.1 | 9.1 | 9.1 | 9.2 | 10.4 | 10.4 | 10.4 | 10.5 | 11.8 | 11.8 | 11.8 | 11.9 | 13.4 | 13.4 | 13.4 | 13.4 | 15.2 | 15.2 | 15.2 | 15.3 |
| | | Hi PR | 236 | 237 | 238 | 242 | 272 | 273 | 275 | 279 | 310 | 311 | 313 | 317 | 351 | 352 | 353 | 357 | 395 | 396 | 398 | 402 | 442 | 443 | 445 | 449 |
| | | Lo PR | 134 | 135 | 138 | 144 | 141 | 143 | 146 | 152 | 148 | 150 | 153 | 158 | 154 | 155 | 159 | 164 | 159 | 161 | 164 | 170 | 166 | 168 | 171 | 177 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | AIRFLOW | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 1400 | MBh | 50.0 | 50.7 | 52.2 | - | 49.6 | 50.3 | 51.8 | - | 48.2 | 49.0 | 50.5 | - | 46.0 | 46.7 | 48.2 | - | 43.2 | 43.9 | 45.4 | - | 40.7 | 41.4 | 42.9 | - |
| | | S/T | 0.58 | 0.50 | 0.36 | - | 0.59 | 0.51 | 0.36 | - | 0.61 | 0.53 | 0.39 | - | 0.63 | 0.55 | 0.41 | - | 1.00 | 0.58 | 0.43 | - | 1.00 | 0.63 | 0.49 | - |
| | | ΔT | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 14 | - | 21 | 19 | 16 | - |
| | | kW | 2.70 | 2.70 | 2.70 | - | 3.04 | 3.04 | 3.03 | - | 3.41 | 3.41 | 3.40 | - | 3.82 | 3.81 | 3.81 | - | 4.27 | 4.27 | 4.26 | - | 4.80 | 4.80 | 4.79 | - |
| | | Amps | 10.5 | 10.5 | 10.5 | - | 12.0 | 12.0 | 12.0 | - | 13.7 | 13.7 | 13.7 | - | 15.6 | 15.6 | 15.6 | - | 17.7 | 17.7 | 17.6 | - | 20.1 | 20.1 | 20.1 | - |
| | | Hi PR | 243 | 245 | 246 | - | 282 | 283 | 285 | - | 323 | 324 | 325 | - | 366 | 367 | 369 | - | 413 | 414 | 416 | - | 463 | 464 | 466 | - |
| | | Lo PR | 122 | 123 | 126 | - | 129 | 131 | 134 | - | 136 | 137 | 140 | - | 141 | 143 | 146 | - | 147 | 148 | 151 | - | 153 | 155 | 158 | - |
| | 1600 | MBh | 50.6 | 51.3 | 52.8 | - | 50.1 | 50.8 | 52.3 | - | 48.8 | 49.5 | 51.0 | - | 46.5 | 47.2 | 48.7 | - | 43.8 | 44.5 | 46.0 | - | 41.2 | 41.9 | 43.5 | - |
| | | S/T | 0.66 | 0.58 | 0.43 | - | 0.66 | 0.58 | 0.44 | - | 0.69 | 0.61 | 0.47 | - | 0.71 | 0.63 | 0.49 | - | 1.00 | 0.65 | 0.51 | - | 1.00 | 0.71 | 0.56 | - |
| | | ΔT | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 18 | 17 | 13 | - | 20 | 18 | 14 | - |
| | | kW | 2.72 | 2.72 | 2.71 | - | 3.06 | 3.05 | 3.05 | - | 3.43 | 3.43 | 3.42 | - | 3.84 | 3.83 | 3.83 | - | 4.29 | 4.28 | 4.28 | - | 4.82 | 4.81 | 4.81 | - |
| | | Amps | 10.6 | 10.6 | 10.5 | - | 12.1 | 12.1 | 12.1 | - | 13.8 | 13.8 | 13.8 | - | 15.7 | 15.7 | 15.6 | - | 17.7 | 17.7 | 17.7 | - | 20.2 | 20.2 | 20.1 | - |
| | | Hi PR | 245 | 247 | 248 | - | 284 | 285 | 287 | - | 325 | 326 | 327 | - | 368 | 369 | 371 | - | 415 | 416 | 418 | - | 465 | 466 | 468 | - |
| | | Lo PR | 123 | 125 | 128 | - | 131 | 132 | 135 | - | 137 | 139 | 142 | - | 143 | 144 | 147 | - | 148 | 150 | 153 | - | 155 | 156 | 160 | - |
| | 1750 | MBh | 51.0 | 51.7 | 53.2 | - | 50.6 | 51.3 | 52.8 | - | 49.3 | 50.0 | 51.5 | - | 47.0 | 47.7 | 49.2 | - | 44.2 | 44.9 | 46.4 | - | 41.7 | 42.4 | 43.9 | - |
| | | S/T | 0.69 | 0.62 | 0.47 | - | 0.70 | 0.62 | 0.48 | - | 0.73 | 0.65 | 0.51 | - | 1.00 | 0.67 | 0.53 | - | 1.00 | 0.69 | 0.55 | - | 1.00 | 0.74 | 0.60 | - |
| | | ΔT | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 19 | 17 | 14 | - |
| | | kW | 2.73 | 2.73 | 2.73 | - | 3.07 | 3.07 | 3.06 | - | 3.44 | 3.44 | 3.43 | - | 3.85 | 3.84 | 3.84 | - | 4.30 | 4.30 | 4.29 | - | 4.83 | 4.83 | 4.82 | - |
| | | Amps | 10.6 | 10.6 | 10.6 | - | 12.2 | 12.2 | 12.1 | - | 13.9 | 13.9 | 13.8 | - | 15.7 | 15.7 | 15.7 | - | 17.8 | 17.8 | 17.8 | - | 20.2 | 20.2 | 20.2 | - |
| | | Hi PR | 247 | 248 | 250 | - | 286 | 287 | 288 | - | 326 | 327 | 329 | - | 370 | 371 | 372 | - | 417 | 418 | 419 | - | 467 | 468 | 469 | - |
| | | Lo PR | 124 | 126 | 129 | - | 132 | 133 | 137 | - | 138 | 140 | 143 | - | 144 | 146 | 149 | - | 149 | 151 | 154 | - | 156 | 158 | 161 | - |
| 75 | 1400 | MBh | 50.0 | 50.8 | 52.3 | 54.6 | 49.6 | 50.3 | 51.8 | 54.1 | 48.3 | 49.0 | 50.5 | 52.8 | 46.0 | 46.7 | 48.2 | 50.5 | 43.3 | 44.0 | 45.5 | 47.8 | 40.7 | 41.4 | 42.9 | 45.2 |
| | | S/T | 0.71 | 0.63 | 0.49 | 0.3 | 0.72 | 0.64 | 0.50 | 0.3 | 1.00 | 0.67 | 0.53 | 0.4 | 1.00 | 0.69 | 0.55 | 0.4 | 1.00 | 0.71 | 0.57 | 0.4 | 1.00 | 1.00 | 0.62 | 0.5 |
| | | ΔT | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 15 | 23 | 22 | 18 | 15 | 25 | 23 | 19 | 16.1 |
| | | kW | 2.70 | 2.70 | 2.69 | 2.7 | 3.04 | 3.03 | 3.03 | 3.1 | 3.41 | 3.41 | 3.40 | 3.4 | 3.81 | 3.81 | 3.81 | 3.8 | 4.27 | 4.26 | 4.26 | 4.3 | 4.80 | 4.79 | 4.79 | 4.8 |
| | | Amps | 10.5 | 10.5 | 10.5 | 10.6 | 12.0 | 12.0 | 12.0 | 12.1 | 13.7 | 13.7 | 13.7 | 13.8 | 15.6 | 15.6 | 15.5 | 15.7 | 17.7 | 17.6 | 17.6 | 17.7 | 20.1 | 20.1 | 20.0 | 20.2 |
| | | Hi PR | 244 | 245 | 246 | 251 | 282 | 283 | 285 | 289 | 323 | 324 | 326 | 330 | 366 | 367 | 369 | 373 | 413 | 414 | 416 | 420 | 463 | 465 | 466 | 471 |
| | | Lo PR | 122 | 123 | 126 | 132 | 129 | 131 | 134 | 139 | 136 | 137 | 140 | 146 | 141 | 143 | 146 | 151 | 147 | 148 | 151 | 156 | 153 | 155 | 158 | 163 |
| | 1600 | MBh | 50.6 | 51.3 | 52.8 | 55.1 | 50.1 | 50.8 | 52.4 | 54.6 | 48.8 | 49.5 | 51.0 | 53.3 | 46.6 | 47.3 | 48.8 | 51.1 | 43.8 | 44.5 | 46.0 | 48.3 | 41.3 | 42.0 | 43.5 | 45.8 |
| | | S/T | 0.79 | 0.71 | 0.57 | 0.4 | 0.80 | 0.72 | 0.58 | 0.4 | 1.00 | 0.74 | 0.60 | 0.5 | 1.00 | 0.76 | 0.62 | 0.5 | 1.00 | 0.79 | 0.64 | 0.5 | 1.00 | 1.00 | 0.70 | 0.5 |
| | | ΔT | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 17 | 14 | 22 | 21 | 17 | 14 | 23 | 22 | 18 | 14.9 |
| | | kW | 2.72 | 2.72 | 2.71 | 2.7 | 3.05 | 3.05 | 3.05 | 3.1 | 3.43 | 3.43 | 3.42 | 3.4 | 3.83 | 3.83 | 3.82 | 3.9 | 4.28 | 4.28 | 4.28 | 4.3 | 4.82 | 4.81 | 4.81 | 4.8 |
| | | Amps | 10.6 | 10.6 | 10.5 | 10.7 | 12.1 | 12.1 | 12.1 | 12.2 | 13.8 | 13.8 | 13.8 | 13.9 | 15.7 | 15.7 | 15.6 | 15.7 | 17.7 | 17.7 | 17.7 | 17.8 | 20.2 | 20.2 | 20.1 | 20.2 |
| | | Hi PR | 246 | 247 | 248 | 253 | 284 | 285 | 287 | 291 | 325 | 326 | 328 | 332 | 368 | 369 | 371 | 375 | 415 | 416 | 418 | 422 | 466 | 467 | 468 | 473 |
| | | Lo PR | 123 | 125 | 128 | 133 | 131 | 132 | 135 | 141 | 137 | 139 | 142 | 147 | 143 | 144 | 147 | 153 | 148 | 150 | 153 | 158 | 155 | 157 | 160 | 165 |
| | 1750 | MBh | 51.1 | 51.8 | 53.3 | 55.6 | 50.6 | 51.3 | 52.8 | 55.1 | 49.3 | 50.0 | 51.5 | 53.8 | 47.0 | 47.7 | 49.2 | 51.5 | 44.3 | 45.0 | 46.5 | 48.8 | 41.7 | 42.4 | 43.9 | 46.2 |
| | | S/T | 0.83 | 0.75 | 0.61 | 0.5 | 0.84 | 0.76 | 0.62 | 0.5 | 1.00 | 0.78 | 0.64 | 0.5 | 1.00 | 0.80 | 0.66 | 0.5 | 1.00 | 0.83 | 0.68 | 0.5 | 1.00 | 1.00 | 0.74 | 0.6 |
| | | ΔT | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 14 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 23 | 21 | 18 | 14.2 |
| | | kW | 2.73 | 2.73 | 2.72 | 2.7 | 3.07 | 3.06 | 3.06 | 3.1 | 3.44 | 3.44 | 3.43 | 3.5 | 3.84 | 3.84 | 3.84 | 3.9 | 4.30 | 4.29 | 4.29 | 4.3 | 4.83 | 4.82 | 4.82 | 4.8 |
| | | Amps | 10.6 | 10.6 | 10.6 | 10.7 | 12.2 | 12.1 | 12.1 | 12.2 | 13.9 | 13.9 | 13.8 | 14.0 | 15.7 | 15.7 | 15.7 | 15.8 | 17.8 | 17.8 | 17.8 | 17.9 | 20.2 | 20.2 | 20.2 | 20.3 |
| | | Hi PR | 247 | 248 | 250 | 254 | 286 | 287 | 289 | 293 | 326 | 327 | 329 | 333 | 370 | 371 | 373 | 377 | 417 | 418 | 420 | 424 | 467 | 468 | 470 | 474 |
| | | Lo PR | 125 | 126 | 129 | 134 | 132 | 133 | 137 | 142 | 139 | 140 | 143 | 148 | 144 | 146 | 149 | 154 | 149 | 151 | 154 | 159 | 156 | 158 | 161 | 166 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | AIRFLOW | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | 1400 | MBh | 50.3 | 51.0 | 52.5 | 54.8 | 49.9 | 50.6 | 52.1 | 54.4 | 48.5 | 49.3 | 50.8 | 53.1 | 46.3 | 47.0 | 48.5 | 50.8 | 43.5 | 44.2 | 45.7 | 48.0 | 41.0 | 41.7 | 43.2 | 45.5 |
| | | S/T | 0.84 | 0.76 | 0.62 | 0.5 | 1.00 | 0.77 | 0.63 | 0.5 | 1.00 | 0.80 | 0.66 | 0.5 | 1.00 | 0.82 | 0.68 | 0.5 | 1.00 | 1.00 | 0.70 | 0.6 | 1.00 | 1.00 | 0.75 | 0.6 |
| | | ΔT | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 27 | 26 | 22 | 19 | 28 | 27 | 23 | 20.0 |
| | | kW | 2.70 | 2.70 | 2.70 | 2.7 | 3.04 | 3.04 | 3.03 | 3.1 | 3.41 | 3.41 | 3.40 | 3.4 | 3.82 | 3.81 | 3.81 | 3.8 | 4.27 | 4.27 | 4.26 | 4.3 | 4.80 | 4.80 | 4.79 | 4.8 |
| | | Amps | 10.5 | 10.5 | 10.5 | 10.6 | 12.0 | 12.0 | 12.0 | 12.1 | 13.7 | 13.7 | 13.7 | 13.8 | 15.6 | 15.6 | 15.6 | 15.7 | 17.7 | 17.7 | 17.6 | 17.7 | 20.1 | 20.1 | 20.1 | 20.2 |
| | | Hi PR | 244 | 245 | 247 | 251 | 283 | 284 | 286 | 290 | 323 | 324 | 326 | 330 | 367 | 368 | 370 | 374 | 414 | 415 | 417 | 421 | 464 | 465 | 467 | 471 |
| | | Lo PR | 122 | 124 | 127 | 132 | 130 | 131 | 134 | 140 | 136 | 138 | 141 | 146 | 142 | 143 | 146 | 152 | 147 | 149 | 152 | 157 | 154 | 155 | 159 | 164 |
| | 1600 | MBh | 50.8 | 51.6 | 53.1 | 55.4 | 50.4 | 51.1 | 52.6 | 54.9 | 49.1 | 49.8 | 51.3 | 53.6 | 46.8 | 47.5 | 49.0 | 51.3 | 44.1 | 44.8 | 46.3 | 48.6 | 41.5 | 42.2 | 43.7 | 46.0 |
| | | S/T | 1.00 | 0.84 | 0.70 | 0.6 | 1.00 | 0.85 | 0.71 | 0.6 | 1.00 | 0.87 | 0.73 | 0.6 | 1.00 | 0.89 | 0.75 | 0.6 | 1.00 | 1.00 | 0.78 | 0.6 | 1.00 | 1.00 | 0.83 | 0.7 |
| | | ΔT | 27 | 25 | 21 | 18 | 26 | 25 | 21 | 18 | 27 | 25 | 22 | 18 | 26 | 25 | 21 | 18 | 26 | 24 | 21 | 18 | 27 | 26 | 22 | 18.9 |
| | | kW | 2.72 | 2.72 | 2.71 | 2.7 | 3.06 | 3.05 | 3.05 | 3.1 | 3.43 | 3.43 | 3.42 | 3.4 | 3.83 | 3.83 | 3.83 | 3.9 | 4.29 | 4.28 | 4.28 | 4.3 | 4.82 | 4.81 | 4.81 | 4.8 |
| | | Amps | 10.6 | 10.6 | 10.5 | 10.7 | 12.1 | 12.1 | 12.1 | 12.2 | 13.8 | 13.8 | 13.8 | 13.9 | 15.7 | 15.7 | 15.6 | 15.8 | 17.7 | 17.7 | 17.7 | 17.8 | 20.2 | 20.2 | 20.1 | 20.3 |
| | | Hi PR | 246 | 247 | 249 | 253 | 285 | 286 | 288 | 292 | 325 | 326 | 328 | 332 | 369 | 370 | 372 | 376 | 416 | 417 | 419 | 423 | 466 | 467 | 469 | 473 |
| | | Lo PR | 124 | 125 | 128 | 134 | 131 | 133 | 136 | 141 | 138 | 139 | 142 | 148 | 143 | 145 | 148 | 153 | 149 | 150 | 153 | 159 | 156 | 157 | 160 | 165 |
| | 1750 | MBh | 51.3 | 52.0 | 53.5 | 55.8 | 50.9 | 51.6 | 53.1 | 55.4 | 49.5 | 50.3 | 51.8 | 54.1 | 47.3 | 48.0 | 49.5 | 51.8 | 44.5 | 45.2 | 46.7 | 49.0 | 42.0 | 42.7 | 44.2 | 46.5 |
| | | S/T | 1.00 | 0.88 | 0.74 | 0.6 | 1.00 | 0.89 | 0.75 | 0.6 | 1.00 | 0.91 | 0.77 | 0.6 | 1.00 | 1.00 | 0.79 | 0.6 | 1.00 | 1.00 | 0.82 | 0.7 | 1.00 | 1.00 | 0.87 | 0.7 |
| | | ΔT | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 18 | 26 | 24 | 21 | 17 | 26 | 24 | 20 | 17 | 27 | 25 | 22 | 18.1 |
| | | kW | 2.73 | 2.73 | 2.72 | 2.8 | 3.07 | 3.07 | 3.06 | 3.1 | 3.44 | 3.44 | 3.43 | 3.5 | 3.85 | 3.84 | 3.84 | 3.9 | 4.30 | 4.30 | 4.29 | 4.3 | 4.83 | 4.83 | 4.82 | 4.8 |
| | | Amps | 10.6 | 10.6 | 10.6 | 10.7 | 12.2 | 12.2 | 12.1 | 12.2 | 13.9 | 13.9 | 13.8 | 14.0 | 15.7 | 15.7 | 15.7 | 15.8 | 17.8 | 17.8 | 17.8 | 17.9 | 20.2 | 20.2 | 20.2 | 20.3 |
| | | Hi PR | 248 | 249 | 250 | 255 | 286 | 287 | 289 | 293 | 327 | 328 | 329 | 334 | 370 | 371 | 373 | 377 | 417 | 418 | 420 | 424 | 467 | 468 | 470 | 474 |
| | | Lo PR | 125 | 127 | 130 | 135 | 133 | 134 | 137 | 142 | 139 | 141 | 144 | 149 | 145 | 146 | 149 | 154 | 150 | 152 | 155 | 160 | 157 | 158 | 161 | 167 |
| 85 | 1400 | MBh | 51.2 | 51.9 | 53.4 | 55.7 | 50.7 | 51.4 | 52.9 | 55.2 | 49.4 | 50.1 | 51.6 | 53.9 | 47.1 | 47.8 | 49.3 | 51.6 | 44.4 | 45.1 | 46.6 | 48.9 | 41.8 | 42.5 | 44.1 | 46.3 |
| | | S/T | 1.00 | 0.87 | 0.73 | 0.6 | 1.00 | 0.88 | 0.74 | 0.6 | 1.00 | 1.00 | 0.76 | 0.6 | 1.00 | 1.00 | 0.78 | 0.6 | 1.00 | 1.00 | 0.81 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 |
| | | ΔT | 31 | 29 | 26 | 23 | 31 | 29 | 26 | 23 | 31 | 30 | 26 | 23 | 31 | 29 | 26 | 23 | 31 | 29 | 26 | 22 | 32 | 30 | 27 | 23.4 |
| | | kW | 2.71 | 2.71 | 2.70 | 2.7 | 3.04 | 3.04 | 3.04 | 3.1 | 3.42 | 3.42 | 3.41 | 3.4 | 3.82 | 3.82 | 3.81 | 3.8 | 4.27 | 4.27 | 4.27 | 4.3 | 4.80 | 4.80 | 4.80 | 4.8 |
| | | Amps | 10.5 | 10.5 | 10.5 | 10.6 | 12.1 | 12.1 | 12.0 | 12.1 | 13.8 | 13.8 | 13.7 | 13.9 | 15.6 | 15.6 | 15.6 | 15.7 | 17.7 | 17.7 | 17.7 | 17.8 | 20.1 | 20.1 | 20.1 | 20.2 |
| | | Hi PR | 245 | 246 | 248 | 252 | 284 | 285 | 287 | 291 | 324 | 325 | 327 | 331 | 368 | 369 | 371 | 375 | 415 | 416 | 418 | 422 | 465 | 466 | 468 | 472 |
| | | Lo PR | 124 | 126 | 129 | 134 | 132 | 133 | 136 | 141 | 138 | 140 | 143 | 148 | 144 | 145 | 148 | 153 | 149 | 151 | 154 | 159 | 156 | 157 | 160 | 166 |
| | 1600 | MBh | 51.7 | 52.4 | 53.9 | 56.2 | 51.2 | 52.0 | 53.5 | 55.8 | 49.9 | 50.6 | 52.1 | 54.4 | 47.7 | 48.4 | 49.9 | 52.2 | 44.9 | 45.6 | 47.1 | 49.4 | 42.4 | 43.1 | 44.6 | 46.9 |
| | | S/T | 1.00 | 0.95 | 0.81 | 0.7 | 1.00 | 0.95 | 0.81 | 0.7 | 1.00 | 1.00 | 0.84 | 0.7 | 1.00 | 1.00 | 0.86 | 0.7 | 1.00 | 1.00 | 0.88 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 31 | 29 | 26 | 22.3 |
| | | kW | 2.73 | 2.73 | 2.72 | 2.7 | 3.06 | 3.06 | 3.05 | 3.1 | 3.44 | 3.43 | 3.43 | 3.5 | 3.84 | 3.84 | 3.83 | 3.9 | 4.29 | 4.29 | 4.28 | 4.3 | 4.82 | 4.82 | 4.81 | 4.8 |
| | | Amps | 10.6 | 10.6 | 10.6 | 10.7 | 12.1 | 12.1 | 12.1 | 12.2 | 13.9 | 13.8 | 13.8 | 13.9 | 15.7 | 15.7 | 15.7 | 15.8 | 17.8 | 17.8 | 17.7 | 17.9 | 20.2 | 20.2 | 20.2 | 20.3 |
| | | Hi PR | 247 | 248 | 250 | 254 | 286 | 287 | 289 | 293 | 326 | 327 | 329 | 333 | 370 | 371 | 373 | 377 | 417 | 418 | 420 | 424 | 467 | 468 | 470 | 474 |
| | | Lo PR | 126 | 127 | 130 | 135 | 133 | 135 | 138 | 143 | 140 | 141 | 144 | 150 | 145 | 147 | 150 | 155 | 151 | 152 | 155 | 160 | 157 | 159 | 162 | 167 |
| | 1750 | MBh | 52.2 | 52.9 | 54.4 | 56.7 | 51.7 | 52.4 | 53.9 | 56.2 | 50.4 | 51.1 | 52.6 | 54.9 | 48.1 | 48.8 | 50.3 | 52.6 | 45.4 | 46.1 | 47.6 | 49.9 | 42.8 | 43.6 | 45.1 | 47.4 |
| | | S/T | 1.00 | 0.99 | 0.84 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 | 1.00 | 1.00 | 0.88 | 0.7 | 1.00 | 1.00 | 0.90 | 0.7 | 1.00 | 1.00 | 0.92 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 29 | 28 | 24 | 21 | 29 | 27 | 24 | 21 | 29 | 28 | 24 | 21 | 29 | 27 | 24 | 21 | 29 | 27 | 24 | 21 | 30 | 28 | 25 | 21.6 |
| | | kW | 2.74 | 2.74 | 2.73 | 2.8 | 3.07 | 3.07 | 3.07 | 3.1 | 3.45 | 3.45 | 3.44 | 3.5 | 3.85 | 3.85 | 3.84 | 3.9 | 4.30 | 4.30 | 4.30 | 4.3 | 4.83 | 4.83 | 4.83 | 4.9 |
| | | Amps | 10.7 | 10.7 | 10.6 | 10.7 | 12.2 | 12.2 | 12.2 | 12.3 | 13.9 | 13.9 | 13.9 | 14.0 | 15.8 | 15.7 | 15.7 | 15.8 | 17.8 | 17.8 | 17.8 | 17.9 | 20.3 | 20.2 | 20.2 | 20.3 |
| | | Hi PR | 249 | 250 | 251 | 256 | 287 | 288 | 290 | 294 | 328 | 329 | 331 | 335 | 371 | 372 | 374 | 378 | 418 | 419 | 421 | 425 | 469 | 470 | 471 | 476 |
| | | Lo PR | 127 | 128 | 132 | 137 | 134 | 136 | 139 | 144 | 141 | 142 | 146 | 151 | 146 | 148 | 151 | 156 | 152 | 153 | 156 | 162 | 159 | 160 | 163 | 168 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | Airflow | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 1050 | MBh | 40.8 | 41.4 | 42.6 | - | 40.4 | 41.0 | 42.2 | - | 39.4 | 40.0 | 41.2 | - | 37.5 | 38.1 | 39.3 | - | 35.3 | 35.9 | 37.1 | - | 33.3 | 33.8 | 35.1 | - |
| | | S/T | 0.59 | 0.52 | 0.39 | - | 0.60 | 0.53 | 0.39 | - | 0.63 | 0.55 | 0.42 | - | 0.64 | 0.57 | 0.44 | - | 1.00 | 0.59 | 0.46 | - | 1.00 | 0.64 | 0.51 | - |
| | | DT | 21 | 19 | 15 | - | 21 | 19 | 15 | - | 21 | 19 | 15 | - | 21 | 19 | 15 | - | 20 | 18 | 15 | - | 22 | 20 | 16 | - |
| | | kW | 2.19 | 2.18 | 2.18 | - | 2.50 | 2.49 | 2.49 | - | 2.84 | 2.84 | 2.84 | - | 3.22 | 3.22 | 3.21 | - | 3.64 | 3.64 | 3.63 | - | 4.13 | 4.13 | 4.12 | - |
| | | Amps | 9.4 | 9.3 | 9.3 | - | 10.8 | 10.8 | 10.7 | - | 12.4 | 12.4 | 12.3 | - | 14.1 | 14.1 | 14.1 | - | 16.0 | 16.0 | 16.0 | - | 18.3 | 18.2 | 18.2 | - |
| | | Hi PR | 234 | 235 | 237 | - | 271 | 272 | 273 | - | 309 | 310 | 312 | - | 351 | 352 | 354 | - | 396 | 397 | 399 | - | 444 | 445 | 447 | - |
| | | Lo PR | 123 | 124 | 127 | - | 130 | 132 | 135 | - | 137 | 138 | 141 | - | 142 | 144 | 147 | - | 148 | 149 | 152 | - | 154 | 156 | 159 | - |
| | 1200 | MBh | 41.3 | 41.9 | 43.1 | - | 41.0 | 41.6 | 42.8 | - | 39.9 | 40.5 | 41.7 | - | 38.1 | 38.7 | 39.9 | - | 35.8 | 36.4 | 37.6 | - | 33.8 | 34.4 | 35.6 | - |
| | | S/T | 0.65 | 0.58 | 0.45 | - | 0.66 | 0.58 | 0.45 | - | 0.68 | 0.61 | 0.48 | - | 1.00 | 0.63 | 0.50 | - | 1.00 | 0.65 | 0.52 | - | 1.00 | 0.70 | 0.57 | - |
| | | DT | 20 | 18 | 14 | - | 19 | 18 | 14 | - | 20 | 18 | 14 | - | 19 | 18 | 14 | - | 19 | 17 | 14 | - | 20 | 19 | 15 | - |
| | | kW | 2.20 | 2.20 | 2.19 | - | 2.51 | 2.51 | 2.50 | - | 2.86 | 2.86 | 2.85 | - | 3.24 | 3.23 | 3.23 | - | 3.65 | 3.65 | 3.65 | - | 4.15 | 4.14 | 4.14 | - |
| | | Amps | 9.4 | 9.4 | 9.4 | - | 10.9 | 10.8 | 10.8 | - | 12.4 | 12.4 | 12.4 | - | 14.2 | 14.1 | 14.1 | - | 16.1 | 16.1 | 16.0 | - | 18.3 | 18.3 | 18.3 | - |
| | | Hi PR | 236 | 237 | 239 | - | 273 | 274 | 275 | - | 311 | 312 | 314 | - | 353 | 354 | 356 | - | 398 | 399 | 401 | - | 446 | 447 | 449 | - |
| | | Lo PR | 124 | 126 | 129 | - | 132 | 133 | 137 | - | 138 | 140 | 143 | - | 144 | 145 | 149 | - | 149 | 151 | 154 | - | 156 | 158 | 161 | - |
| | 1350 | MBh | 42.0 | 42.6 | 43.8 | - | 41.6 | 42.2 | 43.4 | - | 40.6 | 41.1 | 42.4 | - | 38.7 | 39.3 | 40.5 | - | 36.5 | 37.1 | 38.3 | - | 34.4 | 35.0 | 36.2 | - |
| | | S/T | 0.69 | 0.61 | 0.48 | - | 0.69 | 0.62 | 0.48 | - | 0.72 | 0.64 | 0.51 | - | 1.00 | 0.66 | 0.53 | - | 1.00 | 0.68 | 0.55 | - | 1.00 | 0.73 | 0.60 | - |
| | | DT | 19 | 17 | 13 | - | 19 | 17 | 13 | - | 19 | 17 | 13 | - | 19 | 17 | 13 | - | 18 | 16 | 13 | - | 19 | 18 | 14 | - |
| | | kW | 2.22 | 2.21 | 2.21 | - | 2.53 | 2.52 | 2.52 | - | 2.87 | 2.87 | 2.87 | - | 3.25 | 3.25 | 3.24 | - | 3.67 | 3.67 | 3.66 | - | 4.16 | 4.16 | 4.15 | - |
| | | Amps | 9.5 | 9.5 | 9.5 | - | 10.9 | 10.9 | 10.9 | - | 12.5 | 12.5 | 12.5 | - | 14.2 | 14.2 | 14.2 | - | 16.1 | 16.1 | 16.1 | - | 18.4 | 18.4 | 18.4 | - |
| | | Hi PR | 238 | 239 | 240 | - | 275 | 276 | 277 | - | 313 | 314 | 316 | - | 355 | 356 | 358 | - | 400 | 401 | 403 | - | 448 | 449 | 450 | - |
| | | Lo PR | 126 | 128 | 131 | - | 134 | 135 | 139 | - | 140 | 142 | 145 | - | 146 | 147 | 151 | - | 151 | 153 | 156 | - | 158 | 160 | 163 | - |
| 75 | 1050 | MBh | 40.8 | 41.4 | 42.6 | 44.5 | 40.5 | 41.0 | 42.3 | 44.1 | 39.4 | 40.0 | 41.2 | 43.1 | 37.6 | 38.1 | 39.4 | 41.2 | 35.3 | 35.9 | 37.1 | 39.0 | 33.3 | 33.9 | 35.1 | 36.9 |
| | | S/T | 0.72 | 0.65 | 0.51 | 0.4 | 0.73 | 0.65 | 0.52 | 0.4 | 1.00 | 0.68 | 0.54 | 0.4 | 1.00 | 0.70 | 0.56 | 0.4 | 1.00 | 0.72 | 0.58 | 0.4 | 1.00 | 1.00 | 0.64 | 0.5 |
| | | DT | 25 | 23 | 19 | 16 | 25 | 23 | 19 | 16 | 25 | 23 | 20 | 16 | 25 | 23 | 19 | 16 | 25 | 23 | 19 | 15 | 26 | 24 | 20 | 16.6 |
| | | kW | 2.18 | 2.18 | 2.18 | 2.2 | 2.49 | 2.49 | 2.49 | 2.5 | 2.84 | 2.84 | 2.83 | 2.9 | 3.22 | 3.21 | 3.21 | 3.2 | 3.64 | 3.63 | 3.63 | 3.7 | 4.13 | 4.13 | 4.12 | 4.1 |
| | | Amps | 9.3 | 9.3 | 9.3 | 9.4 | 10.8 | 10.8 | 10.7 | 10.8 | 12.4 | 12.3 | 12.3 | 12.4 | 14.1 | 14.1 | 14.0 | 14.2 | 16.0 | 16.0 | 16.0 | 16.1 | 18.2 | 18.2 | 18.2 | 18.3 |
| | | Hi PR | 234 | 235 | 237 | 241 | 271 | 272 | 274 | 278 | 310 | 311 | 312 | 316 | 351 | 352 | 354 | 358 | 396 | 397 | 399 | 403 | 444 | 445 | 447 | 451 |
| | | Lo PR | 123 | 124 | 127 | 133 | 130 | 132 | 135 | 140 | 137 | 138 | 141 | 147 | 142 | 144 | 147 | 152 | 148 | 149 | 152 | 157 | 154 | 156 | 159 | 164 |
| | 1200 | MBh | 41.4 | 41.9 | 43.2 | 45.0 | 41.0 | 41.6 | 42.8 | 44.7 | 39.9 | 40.5 | 41.7 | 43.6 | 38.1 | 38.7 | 39.9 | 41.8 | 35.9 | 36.4 | 37.7 | 39.5 | 33.8 | 34.4 | 35.6 | 37.5 |
| | | S/T | 0.78 | 0.71 | 0.57 | 0.4 | 0.79 | 0.71 | 0.58 | 0.4 | 1.00 | 0.74 | 0.60 | 0.5 | 1.00 | 0.76 | 0.62 | 0.5 | 1.00 | 0.78 | 0.64 | 0.5 | 1.00 | 1.00 | 0.69 | 0.6 |
| | | DT | 24 | 22 | 18 | 15 | 24 | 22 | 18 | 15 | 24 | 22 | 18 | 15 | 24 | 22 | 18 | 14 | 23 | 22 | 18 | 14 | 25 | 23 | 19 | 15.4 |
| | | kW | 2.20 | 2.20 | 2.19 | 2.2 | 2.51 | 2.51 | 2.50 | 2.5 | 2.86 | 2.86 | 2.85 | 2.9 | 3.23 | 3.23 | 3.23 | 3.2 | 3.65 | 3.65 | 3.64 | 3.7 | 4.14 | 4.14 | 4.14 | 4.2 |
| | | Amps | 9.4 | 9.4 | 9.4 | 9.5 | 10.8 | 10.8 | 10.8 | 10.9 | 12.4 | 12.4 | 12.4 | 12.5 | 14.2 | 14.1 | 14.1 | 14.2 | 16.1 | 16.1 | 16.0 | 16.1 | 18.3 | 18.3 | 18.3 | 18.4 |
| | | Hi PR | 236 | 237 | 239 | 243 | 273 | 274 | 276 | 280 | 312 | 313 | 314 | 318 | 353 | 354 | 356 | 360 | 398 | 399 | 401 | 405 | 446 | 447 | 449 | 453 |
| | | Lo PR | 124 | 126 | 129 | 134 | 132 | 133 | 137 | 142 | 138 | 140 | 143 | 148 | 144 | 145 | 149 | 154 | 149 | 151 | 154 | 159 | 156 | 158 | 161 | 166 |
| | 1350 | MBh | 42.0 | 42.6 | 43.8 | 45.7 | 41.6 | 42.2 | 43.4 | 45.3 | 40.6 | 41.2 | 42.4 | 44.2 | 38.8 | 39.3 | 40.5 | 42.4 | 36.5 | 37.1 | 38.3 | 40.2 | 34.5 | 35.0 | 36.3 | 38.1 |
| | | S/T | 0.81 | 0.74 | 0.61 | 0.5 | 1.00 | 0.74 | 0.61 | 0.5 | 1.00 | 0.77 | 0.64 | 0.5 | 1.00 | 0.79 | 0.66 | 0.5 | 1.00 | 0.81 | 0.68 | 0.5 | 1.00 | 1.00 | 0.73 | 0.6 |
| | | DT | 23 | 21 | 17 | 14 | 23 | 21 | 17 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 17 | 14 | 22 | 21 | 17 | 13 | 24 | 22 | 18 | 14.5 |
| | | kW | 2.21 | 2.21 | 2.21 | 2.2 | 2.52 | 2.52 | 2.52 | 2.5 | 2.87 | 2.87 | 2.86 | 2.9 | 3.25 | 3.24 | 3.24 | 3.3 | 3.67 | 3.66 | 3.66 | 3.7 | 4.16 | 4.16 | 4.15 | 4.2 |
| | | Amps | 9.5 | 9.5 | 9.4 | 9.6 | 10.9 | 10.9 | 10.9 | 11.0 | 12.5 | 12.5 | 12.5 | 12.6 | 14.2 | 14.2 | 14.2 | 14.3 | 16.1 | 16.1 | 16.1 | 16.2 | 18.4 | 18.4 | 18.3 | 18.5 |
| | | Hi PR | 238 | 239 | 241 | 245 | 275 | 276 | 278 | 282 | 314 | 315 | 316 | 320 | 355 | 356 | 358 | 362 | 400 | 401 | 403 | 407 | 448 | 449 | 451 | 455 |
| | | Lo PR | 126 | 128 | 131 | 136 | 134 | 135 | 139 | 144 | 140 | 142 | 145 | 150 | 146 | 147 | 151 | 156 | 151 | 153 | 156 | 161 | 158 | 160 | 163 | 168 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | AIRFLOW | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | 1050 | MBh | 41.0 | 41.6 | 42.8 | 44.7 | 40.7 | 41.3 | 42.5 | 44.3 | 39.6 | 40.2 | 41.4 | 43.3 | 37.8 | 38.4 | 39.6 | 41.4 | 35.5 | 36.1 | 37.3 | 39.2 | 33.5 | 34.1 | 35.3 | 37.2 |
| | | S/T | 1.00 | 0.77 | 0.64 | 0.5 | 1.00 | 0.78 | 0.64 | 0.5 | 1.00 | 0.80 | 0.67 | 0.5 | 1.00 | 0.82 | 0.69 | 0.5 | 1.00 | 1.00 | 0.71 | 0.6 | 1.00 | 1.00 | 0.76 | 0.6 |
| | | DT | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 23 | 20 | 30 | 28 | 25 | 20.8 |
| | | kW | 2.19 | 2.18 | 2.18 | 2.2 | 2.50 | 2.49 | 2.49 | 2.5 | 2.84 | 2.84 | 2.84 | 2.9 | 3.22 | 3.22 | 3.21 | 3.2 | 3.64 | 3.64 | 3.63 | 3.7 | 4.13 | 4.13 | 4.12 | 4.1 |
| | | Amps | 9.4 | 9.3 | 9.3 | 9.4 | 10.8 | 10.8 | 10.7 | 10.9 | 12.4 | 12.4 | 12.3 | 12.4 | 14.1 | 14.1 | 14.0 | 14.2 | 16.0 | 16.0 | 16.0 | 16.1 | 18.3 | 18.2 | 18.2 | 18.3 |
| | | Hi PR | 235 | 236 | 237 | 241 | 271 | 272 | 274 | 278 | 310 | 311 | 313 | 317 | 352 | 353 | 354 | 358 | 397 | 398 | 399 | 403 | 445 | 446 | 447 | 451 |
| | | Lo PR | 123 | 125 | 128 | 133 | 131 | 132 | 135 | 141 | 137 | 139 | 142 | 147 | 143 | 144 | 147 | 153 | 148 | 150 | 153 | 158 | 155 | 156 | 160 | 165 |
| | 1200 | MBh | 41.6 | 42.2 | 43.4 | 45.2 | 41.2 | 41.8 | 43.0 | 44.9 | 40.2 | 40.7 | 41.9 | 43.8 | 38.3 | 38.9 | 40.1 | 42.0 | 36.1 | 36.7 | 37.9 | 39.7 | 34.0 | 34.6 | 35.8 | 37.7 |
| | | S/T | 1.00 | 0.83 | 0.70 | 0.6 | 1.00 | 0.83 | 0.70 | 0.6 | 1.00 | 0.86 | 0.73 | 0.6 | 1.00 | 1.00 | 0.75 | 0.6 | 1.00 | 1.00 | 0.77 | 0.6 | 1.00 | 1.00 | 0.82 | 0.7 |
| | | DT | 28 | 26 | 23 | 19 | 28 | 26 | 22 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 22 | 19 | 28 | 26 | 22 | 18 | 29 | 27 | 23 | 19.7 |
| | | kW | 2.20 | 2.20 | 2.19 | 2.2 | 2.51 | 2.51 | 2.50 | 2.5 | 2.86 | 2.86 | 2.85 | 2.9 | 3.23 | 3.23 | 3.23 | 3.3 | 3.65 | 3.65 | 3.65 | 3.7 | 4.15 | 4.14 | 4.14 | 4.2 |
| | | Amps | 9.4 | 9.4 | 9.4 | 9.5 | 10.9 | 10.8 | 10.8 | 10.9 | 12.4 | 12.4 | 12.4 | 12.5 | 14.2 | 14.1 | 14.1 | 14.2 | 16.1 | 16.1 | 16.0 | 16.2 | 18.3 | 18.3 | 18.3 | 18.4 |
| | | Hi PR | 237 | 238 | 239 | 243 | 273 | 274 | 276 | 280 | 312 | 313 | 315 | 319 | 354 | 355 | 356 | 360 | 399 | 400 | 401 | 405 | 447 | 448 | 449 | 453 |
| | | Lo PR | 125 | 127 | 130 | 135 | 132 | 134 | 137 | 142 | 139 | 141 | 144 | 149 | 145 | 146 | 149 | 154 | 150 | 151 | 155 | 160 | 157 | 158 | 161 | 167 |
| | 1350 | MBh | 42.2 | 42.8 | 44.0 | 45.9 | 41.9 | 42.4 | 43.7 | 45.5 | 40.8 | 41.4 | 42.6 | 44.5 | 39.0 | 39.5 | 40.8 | 42.6 | 36.7 | 37.3 | 38.5 | 40.4 | 34.7 | 35.3 | 36.5 | 38.3 |
| | | S/T | 1.00 | 0.86 | 0.73 | 0.6 | 1.00 | 0.87 | 0.73 | 0.6 | 1.00 | 0.89 | 0.76 | 0.6 | 1.00 | 1.00 | 0.78 | 0.6 | 1.00 | 1.00 | 0.80 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 |
| | | DT | 27 | 25 | 22 | 18 | 27 | 25 | 21 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | 21 | 18 | 27 | 25 | 21 | 18 | 28 | 26 | 22 | 18.7 |
| | | kW | 2.22 | 2.21 | 2.21 | 2.2 | 2.53 | 2.52 | 2.52 | 2.5 | 2.87 | 2.87 | 2.87 | 2.9 | 3.25 | 3.25 | 3.24 | 3.3 | 3.67 | 3.67 | 3.66 | 3.7 | 4.16 | 4.16 | 4.15 | 4.2 |
| | | Amps | 9.5 | 9.5 | 9.5 | 9.6 | 10.9 | 10.9 | 10.9 | 11.0 | 12.5 | 12.5 | 12.5 | 12.6 | 14.2 | 14.2 | 14.2 | 14.3 | 16.1 | 16.1 | 16.1 | 16.2 | 18.4 | 18.4 | 18.4 | 18.5 |
| | | Hi PR | 238 | 239 | 241 | 245 | 275 | 276 | 278 | 282 | 314 | 315 | 317 | 321 | 356 | 357 | 358 | 362 | 401 | 402 | 403 | 407 | 448 | 449 | 451 | 455 |
| | | Lo PR | 127 | 129 | 132 | 137 | 134 | 136 | 139 | 144 | 141 | 143 | 146 | 151 | 147 | 148 | 151 | 156 | 152 | 153 | 157 | 162 | 159 | 160 | 163 | 169 |
| 85 | 1050 | MBh | 41.7 | 42.3 | 43.5 | 45.4 | 41.4 | 41.9 | 43.2 | 45.0 | 40.3 | 40.9 | 42.1 | 44.0 | 38.5 | 39.0 | 40.3 | 42.1 | 36.2 | 36.8 | 38.0 | 39.9 | 34.2 | 34.8 | 36.0 | 37.8 |
| | | S/T | 1.00 | 0.87 | 0.74 | 0.6 | 1.00 | 0.87 | 0.74 | 0.6 | 1.00 | 1.00 | 0.77 | 0.6 | 1.00 | 1.00 | 0.79 | 0.6 | 1.00 | 1.00 | 0.81 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 |
| | | DT | 33 | 31 | 27 | 24 | 33 | 31 | 27 | 24 | 33 | 31 | 28 | 24 | 33 | 31 | 27 | 24 | 33 | 31 | 27 | 23 | 34 | 32 | 28 | 24.6 |
| | | kW | 2.19 | 2.19 | 2.18 | 2.2 | 2.50 | 2.50 | 2.49 | 2.5 | 2.85 | 2.85 | 2.84 | 2.9 | 3.22 | 3.22 | 3.22 | 3.2 | 3.64 | 3.64 | 3.64 | 3.7 | 4.14 | 4.13 | 4.13 | 4.2 |
| | | Amps | 9.4 | 9.4 | 9.3 | 9.5 | 10.8 | 10.8 | 10.8 | 10.9 | 12.4 | 12.4 | 12.4 | 12.5 | 14.1 | 14.1 | 14.1 | 14.2 | 16.0 | 16.0 | 16.0 | 16.1 | 18.3 | 18.3 | 18.2 | 18.4 |
| | | Hi PR | 236 | 237 | 238 | 242 | 273 | 274 | 275 | 279 | 311 | 312 | 314 | 318 | 353 | 354 | 356 | 360 | 398 | 399 | 400 | 404 | 446 | 447 | 448 | 452 |
| | | Lo PR | 125 | 127 | 130 | 135 | 132 | 134 | 137 | 142 | 139 | 141 | 144 | 149 | 145 | 146 | 149 | 154 | 150 | 151 | 155 | 160 | 157 | 158 | 161 | 167 |
| | 1200 | MBh | 42.3 | 42.8 | 44.1 | 45.9 | 41.9 | 42.5 | 43.7 | 45.6 | 40.8 | 41.4 | 42.6 | 44.5 | 39.0 | 39.6 | 40.8 | 42.7 | 36.8 | 37.3 | 38.6 | 40.4 | 34.7 | 35.3 | 36.5 | 38.4 |
| | | S/T | 1.00 | 0.93 | 0.79 | 0.7 | 1.00 | 1.00 | 0.80 | 0.7 | 1.00 | 1.00 | 0.83 | 0.7 | 1.00 | 1.00 | 0.84 | 0.7 | 1.00 | 1.00 | 0.87 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | DT | 32 | 30 | 26 | 23 | 32 | 30 | 26 | 23 | 32 | 30 | 26 | 23 | 32 | 30 | 26 | 22 | 31 | 30 | 26 | 22 | 33 | 31 | 27 | 23.4 |
| | | kW | 2.21 | 2.21 | 2.20 | 2.2 | 2.52 | 2.52 | 2.51 | 2.5 | 2.87 | 2.86 | 2.86 | 2.9 | 3.24 | 3.24 | 3.23 | 3.3 | 3.66 | 3.66 | 3.65 | 3.7 | 4.15 | 4.15 | 4.14 | 4.2 |
| | | Amps | 9.5 | 9.4 | 9.4 | 9.5 | 10.9 | 10.9 | 10.8 | 11.0 | 12.5 | 12.5 | 12.4 | 12.5 | 14.2 | 14.2 | 14.2 | 14.3 | 16.1 | 16.1 | 16.1 | 16.2 | 18.4 | 18.3 | 18.3 | 18.4 |
| | | Hi PR | 238 | 239 | 240 | 244 | 275 | 276 | 277 | 281 | 313 | 314 | 316 | 320 | 355 | 356 | 357 | 362 | 400 | 401 | 402 | 406 | 448 | 449 | 450 | 454 |
| | | Lo PR | 127 | 128 | 131 | 137 | 134 | 136 | 139 | 144 | 141 | 142 | 145 | 151 | 146 | 148 | 151 | 156 | 152 | 153 | 156 | 162 | 159 | 160 | 163 | 168 |
| | 1350 | MBh | 42.9 | 43.5 | 44.7 | 46.6 | 42.5 | 43.1 | 44.3 | 46.2 | 41.5 | 42.1 | 43.3 | 45.1 | 39.6 | 40.2 | 41.4 | 43.3 | 37.4 | 38.0 | 39.2 | 41.1 | 35.4 | 35.9 | 37.2 | 39.0 |
| | | S/T | 1.00 | 0.96 | 0.83 | 0.7 | 1.00 | 1.00 | 0.83 | 0.7 | 1.00 | 1.00 | 0.86 | 0.7 | 1.00 | 1.00 | 0.88 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | DT | 31 | 29 | 25 | 22 | 31 | 29 | 25 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 25 | 22 | 30 | 29 | 25 | 21 | 32 | 30 | 26 | 22.5 |
| | | kW | 2.22 | 2.22 | 2.21 | 2.2 | 2.53 | 2.53 | 2.52 | 2.5 | 2.88 | 2.88 | 2.87 | 2.9 | 3.25 | 3.25 | 3.25 | 3.3 | 3.67 | 3.67 | 3.67 | 3.7 | 4.17 | 4.16 | 4.16 | 4.2 |
| | | Amps | 9.5 | 9.5 | 9.5 | 9.6 | 10.9 | 10.9 | 10.9 | 11.0 | 12.5 | 12.5 | 12.5 | 12.6 | 14.2 | 14.2 | 14.2 | 14.3 | 16.2 | 16.2 | 16.1 | 16.2 | 18.4 | 18.4 | 18.4 | 18.5 |
| | | Hi PR | 240 | 241 | 242 | 246 | 276 | 277 | 279 | 283 | 315 | 316 | 318 | 322 | 357 | 358 | 359 | 364 | 402 | 403 | 404 | 408 | 450 | 451 | 452 | 456 |
| | | Lo PR | 129 | 130 | 133 | 139 | 136 | 138 | 141 | 146 | 143 | 144 | 147 | 153 | 148 | 150 | 153 | 158 | 154 | 155 | 158 | 164 | 161 | 162 | 165 | 170 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | Airflow | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 1840 | MBh | 58.2 | 59.0 | 60.8 | - | 57.7 | 58.5 | 60.3 | - | 56.2 | 57.0 | 58.8 | - | 53.6 | 54.5 | 56.2 | - | 50.5 | 51.3 | 53.0 | - | 47.6 | 48.4 | 50.1 | - |
| | | S/T | 0.66 | 0.59 | 0.45 | - | 0.67 | 0.60 | 0.46 | - | 0.70 | 0.62 | 0.48 | - | 0.72 | 0.64 | 0.50 | - | 0.74 | 0.66 | 0.53 | - | 1.00 | 0.71 | 0.58 | - |
| | | DT | 18 | 17 | 13 | - | 18 | 17 | 13 | - | 19 | 17 | 14 | - | 18 | 17 | 13 | - | 18 | 16 | 13 | - | 19 | 18 | 14 | - |
| | | kW | 3.23 | 3.22 | 3.22 | - | 3.63 | 3.63 | 3.62 | - | 4.08 | 4.08 | 4.07 | - | 4.57 | 4.56 | 4.56 | - | 5.11 | 5.11 | 5.10 | - | 5.75 | 5.75 | 5.74 | - |
| | | Amps | 12.7 | 12.7 | 12.7 | - | 14.6 | 14.6 | 14.5 | - | 16.6 | 16.6 | 16.6 | - | 18.9 | 18.9 | 18.8 | - | 21.4 | 21.3 | 21.3 | - | 24.3 | 24.3 | 24.2 | - |
| | | Hi PR | 250 | 251 | 253 | - | 289 | 290 | 292 | - | 330 | 331 | 333 | - | 375 | 376 | 377 | - | 422 | 423 | 425 | - | 473 | 474 | 476 | - |
| | | Lo PR | 118 | 120 | 123 | - | 126 | 127 | 130 | - | 132 | 133 | 136 | - | 137 | 138 | 141 | - | 142 | 144 | 147 | - | 149 | 150 | 153 | - |
| | 2000 | MBh | 58.9 | 59.7 | 61.4 | - | 58.3 | 59.1 | 60.9 | - | 56.8 | 57.6 | 59.4 | - | 54.3 | 55.1 | 56.8 | - | 51.1 | 51.9 | 53.6 | - | 48.2 | 49.0 | 50.7 | - |
| | | S/T | 0.69 | 0.61 | 0.48 | - | 0.70 | 0.62 | 0.49 | - | 0.72 | 0.65 | 0.51 | - | 0.74 | 0.67 | 0.53 | - | 1.00 | 0.69 | 0.55 | - | 1.00 | 0.74 | 0.60 | - |
| | | DT | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 19 | 17 | 13 | - |
| | | kW | 3.24 | 3.23 | 3.23 | - | 3.64 | 3.64 | 3.63 | - | 4.09 | 4.09 | 4.08 | - | 4.58 | 4.58 | 4.57 | - | 5.12 | 5.12 | 5.11 | - | 5.76 | 5.76 | 5.75 | - |
| | | Amps | 12.8 | 12.8 | 12.7 | - | 14.6 | 14.6 | 14.6 | - | 16.7 | 16.7 | 16.6 | - | 18.9 | 18.9 | 18.9 | - | 21.4 | 21.4 | 21.4 | - | 24.3 | 24.3 | 24.3 | - |
| | | Hi PR | 252 | 253 | 254 | - | 291 | 292 | 294 | - | 332 | 333 | 335 | - | 376 | 377 | 379 | - | 424 | 425 | 426 | - | 474 | 475 | 477 | - |
| | | Lo PR | 120 | 121 | 124 | - | 127 | 128 | 131 | - | 133 | 135 | 138 | - | 138 | 140 | 143 | - | 144 | 145 | 148 | - | 150 | 151 | 154 | - |
| | 2250 | MBh | 60.0 | 60.8 | 62.5 | - | 59.5 | 60.3 | 62.0 | - | 58.0 | 58.8 | 60.5 | - | 55.4 | 56.2 | 57.9 | - | 52.2 | 53.0 | 54.8 | - | 49.3 | 50.2 | 51.9 | - |
| | | S/T | 0.71 | 0.63 | 0.50 | - | 0.72 | 0.64 | 0.50 | - | 0.74 | 0.66 | 0.53 | - | 0.76 | 0.68 | 0.55 | - | 1.00 | 0.71 | 0.57 | - | 1.00 | 0.76 | 0.62 | - |
| | | DT | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 12 | - | 17 | 15 | 11 | - | 18 | 16 | 13 | - |
| | | kW | 3.26 | 3.25 | 3.25 | - | 3.66 | 3.66 | 3.65 | - | 4.11 | 4.11 | 4.10 | - | 4.60 | 4.59 | 4.59 | - | 5.14 | 5.14 | 5.13 | - | 5.78 | 5.78 | 5.77 | - |
| | | Amps | 12.9 | 12.9 | 12.8 | - | 14.7 | 14.7 | 14.7 | - | 16.8 | 16.8 | 16.7 | - | 19.0 | 19.0 | 19.0 | - | 21.5 | 21.5 | 21.5 | - | 24.4 | 24.4 | 24.4 | - |
| | | Hi PR | 254 | 255 | 257 | - | 293 | 294 | 296 | - | 334 | 335 | 337 | - | 378 | 379 | 381 | - | 426 | 427 | 429 | - | 477 | 478 | 479 | - |
| | | Lo PR | 122 | 123 | 126 | - | 129 | 131 | 134 | - | 135 | 137 | 140 | - | 141 | 142 | 145 | - | 146 | 147 | 150 | - | 152 | 154 | 157 | - |
| 75 | 1840 | MBh | 58.3 | 59.1 | 60.8 | 63.4 | 57.8 | 58.6 | 60.3 | 62.9 | 56.3 | 57.1 | 58.8 | 61.4 | 53.7 | 54.5 | 56.2 | 58.8 | 50.5 | 51.3 | 53.0 | 55.7 | 47.6 | 48.4 | 50.2 | 52.8 |
| | | S/T | 0.79 | 0.72 | 0.58 | 0.4 | 0.80 | 0.72 | 0.59 | 0.4 | 0.82 | 0.75 | 0.61 | 0.5 | 1.00 | 0.77 | 0.63 | 0.5 | 1.00 | 0.79 | 0.66 | 0.5 | 1.00 | 0.84 | 0.71 | 0.6 |
| | | DT | 22 | 21 | 17 | 14 | 22 | 21 | 17 | 14 | 23 | 21 | 17 | 14 | 22 | 21 | 17 | 14 | 22 | 20 | 17 | 13 | 23 | 21 | 18 | 14.6 |
| | | kW | 3.22 | 3.22 | 3.21 | 3.2 | 3.63 | 3.62 | 3.62 | 3.6 | 4.08 | 4.07 | 4.07 | 4.1 | 4.56 | 4.56 | 4.55 | 4.6 | 5.11 | 5.11 | 5.10 | 5.1 | 5.75 | 5.74 | 5.74 | 5.8 |
| | | Amps | 12.7 | 12.7 | 12.7 | 12.8 | 14.6 | 14.6 | 14.5 | 14.7 | 16.6 | 16.6 | 16.6 | 16.7 | 18.9 | 18.8 | 18.8 | 19.0 | 21.4 | 21.3 | 21.3 | 21.4 | 24.3 | 24.3 | 24.2 | 24.4 |
| | | Hi PR | 250 | 252 | 253 | 258 | 290 | 291 | 292 | 297 | 331 | 332 | 333 | 338 | 375 | 376 | 378 | 382 | 422 | 423 | 425 | 430 | 473 | 474 | 476 | 480 |
| | | Lo PR | 118 | 120 | 123 | 128 | 126 | 127 | 130 | 135 | 132 | 133 | 136 | 141 | 137 | 139 | 141 | 146 | 142 | 144 | 147 | 152 | 149 | 150 | 153 | 158 |
| | 2000 | MBh | 58.9 | 59.7 | 61.4 | 64.0 | 58.4 | 59.2 | 60.9 | 63.5 | 56.9 | 57.7 | 59.4 | 62.0 | 54.3 | 55.1 | 56.8 | 59.4 | 51.1 | 51.9 | 53.7 | 56.3 | 48.2 | 49.1 | 50.8 | 53.4 |
| | | S/T | 0.82 | 0.74 | 0.61 | 0.5 | 0.83 | 0.75 | 0.61 | 0.5 | 0.85 | 0.78 | 0.64 | 0.5 | 1.00 | 0.79 | 0.66 | 0.5 | 1.00 | 0.82 | 0.68 | 0.5 | 1.00 | 0.87 | 0.73 | 0.6 |
| | | DT | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 16 | 13 | 23 | 21 | 17 | 13.9 |
| | | kW | 3.24 | 3.23 | 3.23 | 3.3 | 3.64 | 3.64 | 3.63 | 3.7 | 4.09 | 4.09 | 4.08 | 4.1 | 4.58 | 4.57 | 4.57 | 4.6 | 5.12 | 5.12 | 5.11 | 5.1 | 5.76 | 5.76 | 5.75 | 5.8 |
| | | Amps | 12.8 | 12.8 | 12.7 | 12.9 | 14.6 | 14.6 | 14.6 | 14.7 | 16.7 | 16.7 | 16.6 | 16.8 | 18.9 | 18.9 | 18.9 | 19.0 | 21.4 | 21.4 | 21.4 | 21.5 | 24.3 | 24.3 | 24.3 | 24.4 |
| | | Hi PR | 252 | 253 | 255 | 259 | 291 | 292 | 294 | 298 | 332 | 333 | 335 | 339 | 376 | 377 | 379 | 383 | 424 | 425 | 427 | 431 | 475 | 476 | 477 | 482 |
| | | Lo PR | 120 | 121 | 124 | 129 | 127 | 128 | 131 | 136 | 133 | 135 | 138 | 143 | 138 | 140 | 143 | 148 | 144 | 145 | 148 | 153 | 150 | 151 | 154 | 159 |
| | 2250 | MBh | 60.0 | 60.8 | 62.5 | 65.2 | 59.5 | 60.3 | 62.0 | 64.7 | 58.0 | 58.8 | 60.5 | 63.1 | 55.4 | 56.2 | 57.9 | 60.6 | 52.3 | 53.1 | 54.8 | 57.4 | 49.4 | 50.2 | 51.9 | 54.5 |
| | | S/T | 0.84 | 0.76 | 0.63 | 0.5 | 0.84 | 0.77 | 0.63 | 0.5 | 1.00 | 0.79 | 0.66 | 0.5 | 1.00 | 0.81 | 0.68 | 0.5 | 1.00 | 0.83 | 0.70 | 0.6 | 1.00 | 0.89 | 0.75 | 0.6 |
| | | DT | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 21 | 19 | 16 | 12 | 21 | 19 | 15 | 12 | 22 | 20 | 17 | 13.0 |
| | | kW | 3.25 | 3.25 | 3.24 | 3.3 | 3.66 | 3.65 | 3.65 | 3.7 | 4.11 | 4.10 | 4.10 | 4.1 | 4.59 | 4.59 | 4.58 | 4.6 | 5.14 | 5.14 | 5.13 | 5.2 | 5.78 | 5.77 | 5.77 | 5.8 |
| | | Amps | 12.9 | 12.8 | 12.8 | 12.9 | 14.7 | 14.7 | 14.7 | 14.8 | 16.8 | 16.7 | 16.7 | 16.9 | 19.0 | 19.0 | 18.9 | 19.1 | 21.5 | 21.5 | 21.4 | 21.6 | 24.4 | 24.4 | 24.4 | 24.5 |
| | | Hi PR | 254 | 255 | 257 | 261 | 293 | 294 | 296 | 300 | 334 | 335 | 337 | 341 | 378 | 380 | 381 | 386 | 426 | 427 | 429 | 433 | 477 | 478 | 480 | 484 |
| | | Lo PR | 122 | 124 | 126 | 131 | 129 | 131 | 134 | 139 | 135 | 137 | 140 | 145 | 141 | 142 | 145 | 150 | 146 | 147 | 150 | 155 | 152 | 154 | 157 | 162 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65ºF | | | | 75ºF | | | | 85ºF | | | | 95ºF | | | | 105ºF | | | | 115ºF | | | |
| | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | AIRFLOW | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 80 | 1840 | MBh | 58.6 | 59.4 | 61.1 | 63.7 | 58.1 | 58.9 | 60.6 | 63.2 | 56.6 | 57.4 | 59.1 | 61.7 | 54.0 | 54.8 | 56.5 | 59.1 | 50.8 | 51.6 | 53.3 | 56.0 | 47.9 | 48.7 | 50.5 | 53.1 |
| | | S/T | 0.92 | 0.84 | 0.71 | 0.6 | 1.00 | 0.85 | 0.71 | 0.6 | 1.00 | 0.87 | 0.74 | 0.6 | 1.00 | 0.89 | 0.76 | 0.6 | 1.00 | 0.92 | 0.78 | 0.6 | 1.00 | 1.00 | 0.83 | 0.7 |
| | | DT | 26 | 25 | 21 | 18 | 26 | 25 | 21 | 18 | 27 | 25 | 22 | 18 | 26 | 25 | 21 | 18 | 26 | 24 | 21 | 17 | 27 | 26 | 22 | 18.6 |
| | | kW | 3.22 | 3.22 | 3.21 | 3.2 | 3.63 | 3.63 | 3.62 | 3.6 | 4.08 | 4.08 | 4.07 | 4.1 | 4.57 | 4.56 | 4.56 | 4.6 | 5.11 | 5.11 | 5.10 | 5.1 | 5.75 | 5.75 | 5.74 | 5.8 |
| | | Amps | 12.7 | 12.7 | 12.7 | 12.8 | 14.6 | 14.6 | 14.5 | 14.7 | 16.6 | 16.6 | 16.6 | 16.7 | 18.9 | 18.9 | 18.8 | 19.0 | 21.4 | 21.3 | 21.3 | 21.5 | 24.3 | 24.3 | 24.2 | 24.4 |
| | | Hi PR | 251 | 252 | 254 | 258 | 290 | 291 | 293 | 297 | 331 | 332 | 334 | 338 | 375 | 376 | 378 | 382 | 423 | 424 | 426 | 430 | 474 | 475 | 476 | 481 |
| | | Lo PR | 119 | 120 | 123 | 128 | 126 | 128 | 131 | 135 | 132 | 134 | 137 | 142 | 138 | 139 | 142 | 147 | 143 | 144 | 147 | 152 | 149 | 151 | 154 | 159 |
| | 2000 | MBh | 59.2 | 60.0 | 61.7 | 64.3 | 58.7 | 59.5 | 61.2 | 63.8 | 57.2 | 58.0 | 59.7 | 62.3 | 54.6 | 55.4 | 57.1 | 59.7 | 51.4 | 52.2 | 54.0 | 56.6 | 48.5 | 49.4 | 51.1 | 53.7 |
| | | S/T | 0.95 | 0.87 | 0.73 | 0.6 | 1.00 | 0.88 | 0.74 | 0.6 | 1.00 | 0.90 | 0.76 | 0.6 | 1.00 | 0.92 | 0.78 | 0.6 | 1.00 | 1.00 | 0.81 | 0.7 | 1.00 | 1.00 | 0.86 | 0.7 |
| | | DT | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 20 | 17 | 27 | 25 | 21 | 18.0 |
| | | kW | 3.24 | 3.23 | 3.23 | 3.3 | 3.64 | 3.64 | 3.63 | 3.7 | 4.09 | 4.09 | 4.08 | 4.1 | 4.58 | 4.58 | 4.57 | 4.6 | 5.12 | 5.12 | 5.11 | 5.1 | 5.76 | 5.76 | 5.75 | 5.8 |
| | | Amps | 12.8 | 12.8 | 12.7 | 12.9 | 14.6 | 14.6 | 14.6 | 14.7 | 16.7 | 16.7 | 16.6 | 16.8 | 18.9 | 18.9 | 18.9 | 19.0 | 21.4 | 21.4 | 21.4 | 21.5 | 24.3 | 24.3 | 24.3 | 24.4 |
| | | Hi PR | 252 | 253 | 255 | 259 | 291 | 293 | 294 | 299 | 332 | 334 | 335 | 340 | 377 | 378 | 379 | 384 | 424 | 425 | 427 | 431 | 475 | 476 | 478 | 482 |
| | | Lo PR | 120 | 122 | 125 | 130 | 127 | 129 | 132 | 137 | 134 | 135 | 138 | 143 | 139 | 140 | 143 | 148 | 144 | 145 | 148 | 153 | 151 | 152 | 155 | 160 |
| | 2250 | MBh | 60.3 | 61.1 | 62.8 | 65.5 | 59.8 | 60.6 | 62.3 | 64.9 | 58.3 | 59.1 | 60.8 | 63.4 | 55.7 | 56.5 | 58.2 | 60.9 | 52.6 | 53.4 | 55.1 | 57.7 | 49.7 | 50.5 | 52.2 | 54.8 |
| | | S/T | 1.00 | 0.89 | 0.75 | 0.6 | 1.00 | 0.89 | 0.76 | 0.6 | 1.00 | 0.92 | 0.78 | 0.6 | 1.00 | 0.94 | 0.80 | 0.7 | 1.00 | 1.00 | 0.82 | 0.7 | 1.00 | 1.00 | 0.88 | 0.7 |
| | | DT | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 25 | 23 | 20 | 16 | 25 | 23 | 19 | 16 | 26 | 24 | 21 | 17.0 |
| | | kW | 3.25 | 3.25 | 3.24 | 3.3 | 3.66 | 3.66 | 3.65 | 3.7 | 4.11 | 4.11 | 4.10 | 4.1 | 4.60 | 4.59 | 4.59 | 4.6 | 5.14 | 5.14 | 5.13 | 5.2 | 5.78 | 5.78 | 5.77 | 5.8 |
| | | Amps | 12.9 | 12.8 | 12.8 | 13.0 | 14.7 | 14.7 | 14.7 | 14.8 | 16.8 | 16.8 | 16.7 | 16.9 | 19.0 | 19.0 | 19.0 | 19.1 | 21.5 | 21.5 | 21.5 | 21.6 | 24.4 | 24.4 | 24.4 | 24.5 |
| | | Hi PR | 255 | 256 | 257 | 262 | 294 | 295 | 297 | 301 | 335 | 336 | 338 | 342 | 379 | 380 | 382 | 386 | 427 | 428 | 429 | 434 | 477 | 478 | 480 | 484 |
| | | Lo PR | 123 | 124 | 127 | 132 | 130 | 131 | 134 | 139 | 136 | 137 | 140 | 145 | 141 | 143 | 146 | 151 | 146 | 148 | 151 | 156 | 153 | 154 | 157 | 162 |
| 85 | 1969 | MBh | 59.5 | 60.3 | 62.1 | 64.7 | 59.0 | 59.8 | 61.6 | 64.2 | 57.5 | 58.3 | 60.1 | 62.7 | 54.9 | 55.8 | 57.5 | 60.1 | 51.8 | 52.6 | 54.3 | 56.9 | 48.9 | 49.7 | 51.4 | 54.1 |
| | | S/T | 1.00 | 0.94 | 0.81 | 0.7 | 1.00 | 0.95 | 0.81 | 0.7 | 1.00 | 1.00 | 0.84 | 0.7 | 1.00 | 1.00 | 0.86 | 0.7 | 1.00 | 1.00 | 0.88 | 0.7 | 1.00 | 1.00 | 0.93 | 0.8 |
| | | DT | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 22 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 31 | 29 | 26 | 22.2 |
| | | kW | 3.23 | 3.23 | 3.22 | 3.3 | 3.64 | 3.63 | 3.63 | 3.7 | 4.09 | 4.08 | 4.08 | 4.1 | 4.57 | 4.57 | 4.56 | 4.6 | 5.12 | 5.12 | 5.11 | 5.1 | 5.76 | 5.75 | 5.75 | 5.8 |
| | | Amps | 12.8 | 12.7 | 12.7 | 12.9 | 14.6 | 14.6 | 14.6 | 14.7 | 16.7 | 16.7 | 16.6 | 16.8 | 18.9 | 18.9 | 18.9 | 19.0 | 21.4 | 21.4 | 21.3 | 21.5 | 24.3 | 24.3 | 24.3 | 24.4 |
| | | Hi PR | 252 | 253 | 255 | 259 | 291 | 292 | 294 | 298 | 332 | 333 | 335 | 339 | 376 | 377 | 379 | 384 | 424 | 425 | 427 | 431 | 475 | 476 | 478 | 482 |
| | | Lo PR | 121 | 122 | 125 | 130 | 128 | 129 | 132 | 137 | 134 | 136 | 138 | 143 | 139 | 141 | 144 | 149 | 145 | 146 | 149 | 154 | 151 | 152 | 155 | 160 |
| | 1750 | MBh | 60.2 | 61.0 | 62.7 | 65.3 | 59.6 | 60.4 | 62.2 | 64.8 | 58.1 | 58.9 | 60.7 | 63.3 | 55.6 | 56.4 | 58.1 | 60.7 | 52.4 | 53.2 | 54.9 | 57.5 | 49.5 | 50.3 | 52.0 | 54.7 |
| | | S/T | 1.00 | 0.97 | 0.83 | 0.7 | 1.00 | 0.98 | 0.84 | 0.7 | 1.00 | 1.00 | 0.87 | 0.7 | 1.00 | 1.00 | 0.89 | 0.7 | 1.00 | 1.00 | 0.91 | 0.8 | 1.00 | 1.00 | 0.96 | 0.8 |
| | | DT | 29 | 28 | 24 | 21 | 29 | 28 | 24 | 21 | 30 | 28 | 24 | 21 | 29 | 28 | 24 | 21 | 29 | 27 | 24 | 20 | 30 | 28 | 25 | 21.5 |
| | | kW | 3.25 | 3.24 | 3.24 | 3.3 | 3.65 | 3.65 | 3.64 | 3.7 | 4.10 | 4.10 | 4.09 | 4.1 | 4.59 | 4.58 | 4.58 | 4.6 | 5.13 | 5.13 | 5.12 | 5.2 | 5.77 | 5.77 | 5.76 | 5.8 |
| | | Amps | 12.8 | 12.8 | 12.8 | 12.9 | 14.7 | 14.7 | 14.6 | 14.8 | 16.7 | 16.7 | 16.7 | 16.8 | 19.0 | 18.9 | 18.9 | 19.1 | 21.5 | 21.4 | 21.4 | 21.5 | 24.4 | 24.4 | 24.3 | 24.5 |
| | | Hi PR | 253 | 255 | 256 | 261 | 293 | 294 | 295 | 300 | 334 | 335 | 336 | 341 | 378 | 379 | 381 | 385 | 425 | 427 | 428 | 433 | 476 | 477 | 479 | 483 |
| | | Lo PR | 122 | 123 | 126 | 131 | 129 | 131 | 134 | 139 | 135 | 137 | 140 | 145 | 141 | 142 | 145 | 150 | 146 | 147 | 150 | 155 | 152 | 154 | 157 | 162 |
| | 1531 | MBh | 61.3 | 62.1 | 63.8 | 66.4 | 60.8 | 61.6 | 63.3 | 65.9 | 59.3 | 60.1 | 61.8 | 64.4 | 56.7 | 57.5 | 59.2 | 61.8 | 53.5 | 54.3 | 56.1 | 58.7 | 50.6 | 51.5 | 53.2 | 55.8 |
| | | S/T | 1.00 | 0.99 | 0.85 | 0.7 | 1.00 | 0.99 | 0.86 | 0.7 | 1.00 | 1.00 | 0.88 | 0.7 | 1.00 | 1.00 | 0.90 | 0.8 | 1.00 | 1.00 | 0.93 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | DT | 28 | 27 | 23 | 20 | 28 | 27 | 23 | 20 | 29 | 27 | 23 | 20 | 28 | 27 | 23 | 20 | 28 | 26 | 23 | 19 | 29 | 27 | 24 | 20.6 |
| | | kW | 3.26 | 3.26 | 3.25 | 3.3 | 3.67 | 3.66 | 3.66 | 3.7 | 4.12 | 4.11 | 4.11 | 4.1 | 4.60 | 4.60 | 4.59 | 4.6 | 5.15 | 5.15 | 5.14 | 5.2 | 5.79 | 5.78 | 5.78 | 5.8 |
| | | Amps | 12.9 | 12.9 | 12.9 | 13.0 | 14.7 | 14.7 | 14.7 | 14.8 | 16.8 | 16.8 | 16.8 | 16.9 | 19.0 | 19.0 | 19.0 | 19.1 | 21.5 | 21.5 | 21.5 | 21.6 | 24.5 | 24.4 | 24.4 | 24.6 |
| | | Hi PR | 256 | 257 | 259 | 263 | 295 | 296 | 298 | 302 | 336 | 337 | 339 | 343 | 380 | 381 | 383 | 387 | 428 | 429 | 431 | 435 | 479 | 480 | 481 | 486 |
| | | Lo PR | 124 | 126 | 129 | 134 | 131 | 133 | 136 | 141 | 138 | 139 | 142 | 147 | 143 | 144 | 147 | 152 | 148 | 150 | 152 | 157 | 155 | 156 | 159 | 164 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area is AHRI (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

**GSZC180241C* / CA*F3137*6A*+MBVC1200**-1A*+TX — HIGH STAGE 100% CAPACITY**

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 29.04 | 27.35 | 25.69 | 24.06 | **23.00** | 22.23 | 20.37 | 18.54 | 17.07 | 15.99 | 15.22 | 14.80 | 14.25 | 12.89 | 11.52 | 10.15 | 8.79 |
| T/R | 30.24 | 28.76 | 27.28 | 25.80 | 24.91 | 24.13 | 22.06 | 20.10 | 18.48 | 17.31 | 16.48 | 16.03 | 15.44 | 13.96 | 12.48 | 10.99 | 9.51 |
| kW | 1.51 | 1.53 | 1.55 | 1.57 | **1.58** | 1.59 | 1.61 | 1.63 | 1.65 | 1.67 | 1.70 | 1.71 | 1.72 | 1.74 | 1.76 | 1.78 | 1.80 |
| Amps | 5.2 | 5.3 | 5.4 | 5.5 | 5.5 | 5.6 | 5.7 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 |
| COP | 5.65 | 5.25 | 4.86 | 4.49 | 4.26 | 4.10 | 3.70 | 3.33 | 3.03 | 2.80 | 2.63 | 2.54 | 2.43 | 2.17 | 1.92 | 1.67 | 1.43 |
| Hi PR | 364 | 352 | 340 | 328 | 321 | 317 | 305 | 293 | 281 | 269 | 257 | 250 | 246 | 234 | 222 | 210 | 198 |
| Lo PR | 147 | 138 | 129 | 120 | 114 | 111 | 102 | 92 | 83 | 74 | 65 | 59 | 56 | 47 | 37 | 28 | 19 |

**GSZC180361C*+CA*F3743*6D*+MBVC1600**-1A*+TXV — HIGH STAGE 100% CAPACITY**

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 44.14 | 41.58 | 39.07 | 36.60 | **35.00** | 33.83 | 31.03 | 28.24 | 26.03 | 24.39 | 23.23 | 22.60 | 21.77 | 19.71 | 17.64 | 15.57 | 13.51 |
| T/R | 32.21 | 30.64 | 29.07 | 27.51 | 26.56 | 25.74 | 23.55 | 21.47 | 19.76 | 18.51 | 17.63 | 17.15 | 16.52 | 14.96 | 13.39 | 11.82 | 10.25 |
| kW | 2.78 | 2.74 | 2.70 | 2.67 | **2.64** | 2.63 | 2.59 | 2.55 | 2.52 | 2.48 | 2.44 | 2.42 | 2.40 | 2.36 | 2.33 | 2.29 | 2.25 |
| Amps | 10.1 | 10.0 | 9.8 | 9.7 | 9.6 | 9.5 | 9.3 | 9.2 | 9.0 | 8.8 | 8.7 | 8.6 | 8.5 | 8.3 | 8.2 | 8.0 | 7.9 |
| COP | 4.65 | 4.45 | 4.23 | 4.02 | 3.88 | 3.77 | 3.51 | 3.24 | 3.03 | 2.89 | 2.79 | 2.74 | 2.66 | 2.44 | 2.22 | 1.99 | 1.76 |
| Hi PR | 418 | 404 | 390 | 377 | 369 | 363 | 350 | 336 | 323 | 309 | 295 | 287 | 282 | 268 | 255 | 241 | 227 |

**GSZC180481C*+CA*F4961*6D*+MBVC2000**-1A*+TXV — HIGH STAGE 100% CAPACITY**

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 67.74 | 63.10 | 58.87 | 54.06 | **51.00** | 48.58 | 42.62 | 37.28 | 32.94 | 29.66 | 27.15 | 25.80 | 24.12 | 19.92 | 15.72 | 11.52 | 7.32 |
| T/R | 34.99 | 32.76 | 30.54 | 28.32 | 26.99 | 25.70 | 22.55 | 19.72 | 17.43 | 15.69 | 14.36 | 13.65 | 12.76 | 10.54 | 8.32 | 6.09 | 3.87 |
| kW | 4.83 | 4.64 | 4.45 | 4.26 | **4.15** | 4.08 | 3.89 | 3.70 | 3.51 | 3.33 | 3.14 | 3.02 | 2.95 | 2.76 | 2.57 | 2.39 | 2.20 |
| Amps | 18.2 | 17.4 | 16.6 | 15.8 | 15.3 | 14.9 | 14.1 | 13.3 | 12.5 | 11.7 | 10.9 | 10.4 | 10.0 | 9.2 | 8.4 | 7.6 | 6.8 |
| LO PR | 140 | 131 | 123 | 114 | 109 | 105 | 96 | 88 | 79 | 70 | 62 | 56 | 53 | 44 | 35 | 27 | 18 |

**GSZC180601C*+CA*F4961*6D*+MBVC2000**-1A*+TXV — HIGH STAGE 100% CAPACITY**

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 77.42 | 72.40 | 67.46 | 62.61 | **59.50** | 57.20 | 51.36 | 45.97 | 41.58 | 38.31 | 35.90 | 34.60 | 32.94 | 28.79 | 24.64 | 20.49 | 16.34 |
| T/R | 37.46 | 35.37 | 33.29 | 31.20 | 29.94 | 28.78 | 25.84 | 23.13 | 20.92 | 19.28 | 18.06 | 17.41 | 16.58 | 14.49 | 12.40 | 10.31 | 8.22 |
| kW | 5.11 | 5.03 | 4.96 | 4.89 | **4.84** | 4.82 | 4.74 | 4.67 | 4.60 | 4.52 | 4.45 | 4.41 | 4.38 | 4.31 | 4.23 | 4.16 | 4.09 |
| Amps | 19.3 | 19.0 | 18.6 | 18.3 | 18.1 | 18.0 | 17.7 | 17.4 | 17.1 | 16.8 | 16.4 | 16.2 | 16.1 | 15.8 | 15.5 | 15.2 | 14.9 |
| COP | 4.44 | 4.22 | 3.99 | 3.75 | 3.60 | 3.48 | 3.17 | 2.89 | 2.65 | 2.48 | 2.36 | 2.30 | 2.20 | 1.96 | 1.71 | 1.44 | 1.17 |
| Hi PR | 459 | 444 | 429 | 414 | 405 | 399 | 384 | 369 | 354 | 339 | 324 | 315 | 310 | 295 | 280 | 265 | 250 |
| LO PR | 134 | 126 | 117 | 109 | 104 | 101 | 92 | 84 | 76 | 67 | 59 | 54 | 51 | 42 | 34 | 26 | 17 |

Calculations are based on nominal CFM and 70 °F indoor dry bulb.
Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp.+fan)
kW = Total system power

**GSZC180241C* / CA*F3137*6A*+MBVC1200**-1A*+TX — LOW STAGE 70% CAPACITY**

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 21.71 | 20.28 | 18.87 | 17.48 | **16.59** | 15.93 | 14.25 | 12.71 | 11.45 | 10.52 | 9.82 | 9.45 | 8.97 | 7.78 | 6.59 | 5.40 | 4.21 |
| T/R | 43.15 | 40.69 | 38.23 | 35.77 | 34.29 | 32.92 | 29.45 | 26.27 | 23.67 | 21.74 | 20.30 | 19.53 | 18.54 | 16.08 | 13.62 | 11.16 | 8.70 |
| kW | 0.94 | 0.93 | 0.93 | 0.92 | **0.91** | 0.91 | 0.90 | 0.90 | 0.89 | 0.88 | 0.88 | 0.87 | 0.87 | 0.86 | 0.86 | 0.85 | 0.84 |
| Amps | 3.4 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.2 | 3.2 | 3.1 | 3.1 | 3.1 | 3.1 | 3.0 | 3.0 | 3.0 | 2.9 |
| COP | 6.77 | 6.37 | 5.98 | 5.58 | 5.32 | 5.12 | 4.62 | 4.15 | 3.77 | 3.49 | 3.28 | 3.18 | 3.02 | 2.64 | 2.26 | 1.87 | 1.47 |
| Hi PR | 353 | 341 | 330 | 318 | 311 | 307 | 295 | 284 | 272 | 261 | 249 | 243 | 238 | 226 | 215 | 204 | 192 |
| Lo PR | 145 | 136 | 127 | 118 | 112 | 109 | 100 | 91 | 82 | 73 | 64 | 58 | 55 | 46 | 37 | 28 | 19 |

**GSZC180361C*+CA*F3743*6D*+MBVC1600**-1A*+TXV — LOW STAGE 70% CAPACITY**

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 33.01 | 30.84 | 28.70 | 26.59 | **25.25** | 24.24 | 21.70 | 19.37 | 17.47 | 16.05 | 14.99 | 14.43 | 13.71 | 11.90 | 10.10 | 8.30 | 6.49 |
| T/R | 34.58 | 32.61 | 30.65 | 28.69 | 27.51 | 26.41 | 23.64 | 21.10 | 19.03 | 17.48 | 16.33 | 15.72 | 14.93 | 12.97 | 11.00 | 9.04 | 7.07 |
| kW | 1.70 | 1.65 | 1.61 | 1.56 | **1.53** | 1.51 | 1.46 | 1.41 | 1.36 | 1.31 | 1.26 | 1.23 | 1.22 | 1.17 | 1.12 | 1.07 | 1.02 |
| Amps | 6.1 | 5.8 | 5.6 | 5.4 | 5.3 | 5.2 | 5.0 | 4.8 | 4.6 | 4.4 | 4.1 | 4.0 | 3.9 | 3.7 | 3.5 | 3.3 | 3.1 |
| COP | 5.68 | 5.46 | 5.24 | 5.01 | 4.85 | 4.71 | 4.36 | 4.03 | 3.76 | 3.58 | 3.48 | 3.43 | 3.31 | 2.99 | 2.65 | 2.28 | 1.87 |
| Hi PR | 405 | 392 | 378 | 365 | 357 | 352 | 339 | 326 | 313 | 299 | 286 | 278 | 273 | 260 | 247 | 234 | 220 |

**GSZC180481C*+CA*F4961*6D*+MBVC2000**-1A*+TXV — LOW STAGE 70% CAPACITY**

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 48.87 | 45.52 | 42.52 | 39.08 | **36.79** | 34.79 | 29.97 | 25.71 | 22.26 | 19.63 | 17.57 | 16.47 | 15.12 | 11.73 | 8.34 | 4.96 | 1.57 |
| T/R | 39.35 | 36.65 | 33.99 | 31.26 | 29.62 | 28.01 | 24.13 | 20.70 | 17.93 | 15.80 | 14.15 | 13.26 | 12.17 | 9.44 | 6.72 | 3.99 | 1.26 |
| kW | 2.91 | 2.77 | 2.63 | 2.48 | **2.40** | 2.34 | 2.20 | 2.06 | 1.91 | 1.77 | 1.63 | 1.54 | 1.49 | 1.35 | 1.20 | 1.06 | 0.92 |
| Amps | 10.8 | 10.2 | 9.6 | 9.0 | 8.6 | 8.4 | 7.7 | 7.1 | 6.5 | 5.9 | 5.3 | 4.9 | 4.6 | 4.0 | 3.4 | 2.8 | 2.2 |
| LO PR | 137 | 129 | 120 | 112 | 107 | 103 | 95 | 86 | 78 | 69 | 61 | 55 | 52 | 43 | 35 | 26 | 18 |

**GSZC180601C*+CA*F4961*6D*+MBVC2000**-1A*+TXV — LOW STAGE 70% CAPACITY**

| | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 65 | 60 | 55 | 50 | 47 | 45 | 40 | 35 | 30 | 25 | 20 | 17 | 15 | 10 | 5 | 0 | -5 |
| MBh | 57.01 | 53.11 | 49.45 | 45.46 | **42.92** | 40.93 | 36.01 | 31.58 | 27.98 | 25.27 | 23.20 | 22.09 | 20.70 | 17.23 | 13.76 | 10.28 | 6.81 |
| T/R | 42.77 | 40.09 | 37.41 | 34.73 | 33.12 | 31.58 | 27.78 | 24.37 | 21.59 | 19.50 | 17.90 | 17.04 | 15.97 | 13.29 | 10.61 | 7.93 | 5.25 |
| kW | 3.13 | 3.04 | 2.94 | 2.85 | **2.80** | 2.76 | 2.67 | 2.58 | 2.49 | 2.40 | 2.31 | 2.25 | 2.22 | 2.12 | 2.03 | 1.94 | 1.85 |
| Amps | 11.7 | 11.3 | 10.9 | 10.5 | 10.3 | 10.1 | 9.7 | 9.3 | 8.9 | 8.5 | 8.1 | 7.9 | 7.7 | 7.3 | 6.9 | 6.5 | 6.1 |
| COP | 5.34 | 5.13 | 4.92 | 4.67 | 4.50 | 4.34 | 3.95 | 3.59 | 3.30 | 3.09 | 2.95 | 2.88 | 2.74 | 2.38 | 1.98 | 1.55 | 1.08 |
| Hi PR | 445 | 430 | 416 | 401 | 392 | 387 | 372 | 358 | 343 | 329 | 314 | 306 | 300 | 285 | 271 | 257 | 242 |
| LO PR | 132 | 124 | 115 | 107 | 102 | 99 | 91 | 83 | 74 | 66 | 58 | 53 | 50 | 42 | 33 | 25 | 17 |

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

Amps = Outdoor unit amps (comp.+fan)

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

kW = Total system power

## ENERGY STAR-Certified Combinations ^

| Outdoor Unit | Indoor Units | | Cooling Ratings > | | | | TVA Ratings [3] | | Heating Ratings ^ | | | CFM | AHRI # |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Coils/Air Handlers | Furnaces | Total | Sens. | SEER [1] | EER [2] | Total | Sens. | HI [4] | HSPF [5] | Low [6] | | |
| GSZC18 0241C* | CA*F3137*6A*+MBVC1200**-1A*+TX | | 23,800 | 19,800 | 18.0 | 14.0 | 23,000 | 19,400 | 23,000 | 10.00 | 14,800 | 855 | 10570135 |
| | CA*F3137*6A*+TXV | G*VC80603B*B* | 23,800 | 19,800 | 18.5 | 14.0 | 23,000 | 19,400 | 22,800 | 10.00 | 13,000 | 870 | 10570147 |
| GSZC18 0361C* | AVPTC37C14A* | | 35,600 | 28,400 | 18.0 | 13.5 | 34,400 | 27,800 | 35,800 | 10.00 | 22,600 | 1,130 | 10570186 |
| | CA*F3743*6D*+MBVC1600**-1A*+TX | | 34,800 | 27,600 | 18.0 | 14.0 | 33,600 | 27,000 | 35,000 | 10.00 | 22,600 | 1,220 | 10570136 |
| | CA*F3743*6D*+TXV | G*VC81005C*B* | 35,000 | 27,800 | 18.0 | 13.5 | 33,800 | 27,200 | 36,000 | 10.00 | 22,600 | 1,140 | 10570216 |
| GSZC18 0481C* | AVPTC61D14A* | | 49,000 | 39,800 | 18.0 | 13.0 | 47,200 | 39,000 | 51,000 | 9.50 | 30,000 | 1,760 | 10570253 |
| | CA*F4961*6D*+MBVC2000**-1A*+TX | | 49,500 | 40,400 | 18.0 | 13.0 | 47,800 | 39,400 | 51,000 | 9.50 | 25,800 | 1,750 | 10570137 |
| | CA*F4961*6D*+TXV | G*VC80805D*B* | 48,000 | 39,000 | 18.0 | 13.0 | 46,200 | 38,200 | 49,000 | 9.20 | 29,000 | 1,560 | 10570258 |
| GSZC18 0601C* | AVPTC61D14A* | | 56,000 | 43,500 | 17.0 | 12.5 | 54,000 | 42,500 | 59,000 | 9.50 | 37,000 | 1,790 | 10570274 |
| | CA*F4961*6D*+MBVC2000**-1A*+TX | | 56,500 | 44,000 | 17.0 | 12.5 | 54,500 | 43,000 | 59,500 | 9.50 | 34,600 | 1,840 | 10570138 |
| | CA*F4961*6D*+TXV | G*VC80805D*B* | 55,000 | 43,000 | 16.0 | 12.5 | 53,000 | 42,000 | 59,500 | 9.50 | 36,400 | 1,460 | 10570278 |

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

> Rated in accordance with ANSI/AHRI Standard 210/240

[1] Seasonal Energy Efficiency Ratio

[2] Energy Efficiency Ratio @ 80°F/ 67°F/ 95°F

[3] TVA Rating: BTU/h @ 75°F/ 63°F - 95°F

[4] Rated heating capacity at 47°F outdoor per AHRI 210/240

[5] HSPF = Heating Seasonal Performance Factor

[6] Heating capacity at 17°F outdoor

[7] CFM at High stage

[8] CFM at Intermediate and low stage

**Notes**

- Always check the S&R plate for electrical data on the unit being installed.
- When matching outdoor unit to indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP - Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Goodman brand gas furnace contains the EEP cooling time delay.

See Notes on Page 21.

## *Other AHRI Ratings*

| Outdoor Unit | Indoor Units | | Cooling Ratings ^ | | | | TVA Ratings [3] | | Heating Ratings ^ | | | CFM | AHRI # | Energy Star |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Coils/Air Handlers | Furnaces | Total | Sens. | SEER [1] | EER [2] | Total | Sens. | HI [4] | HSPF [5] | Low [6] | | | |
| GSZC18 0241C* | AVPTC25B14A* | | 22,400 | 18,600 | 17.0 | 13.0 | 21,600 | 18,200 | 22,000 | 9.2 | 14,000 | 840 | 10570301 | No |
| | AVPTC29B14A* | | 23,000 | 19,200 | 18.0 | 13.5 | 22,200 | 18,800 | 22,200 | 10.0 | 14,000 | 830 | 10570302 | No |
| | AVPTC31C14A* | | 23,600 | 19,600 | 18.0 | 13.5 | 22,800 | 19,200 | 22,600 | 9.6 | 14,000 | 835 | 10570139 | No |
| | CA*F3137*6A*+MBVC1200**-1A*+TX | | 23,800 | 19,800 | 18.0 | 14.0 | 23,000 | 19,400 | 23,000 | 10.0 | 14,800 | 855 | 10570135 | Yes |
| | CA*F3137*6A*+MBVC1600**-1A*+TXV | | 23,800 | 19,800 | 18.0 | 14.0 | 23,000 | 19,400 | 22,800 | 9.6 | 14,000 | 850 | 10570144 | No |
| | CA*F3137*6A*+TXV | G*VC80603B*B* | 23,800 | 19,800 | 18.5 | 14.0 | 23,000 | 19,400 | 22,800 | 10.0 | 13,000 | 870 | 10570147 | Yes |
| | CA*F3137*6A*+TXV | G*VC80604B*B* | 23,800 | 19,800 | 18.0 | 14.0 | 23,000 | 19,400 | 22,800 | 9.6 | 14,000 | 820 | 10570152 | No |
| | CA*F3137*6A*+TXV | G*VC80803B*B* | 23,800 | 19,800 | 18.0 | 14.0 | 23,000 | 19,400 | 22,800 | 9.6 | 13,000 | 800 | 10570157 | No |
| | CA*F3137*6A*+TXV | G*VC960403BNA* | 23,600 | 19,600 | 17.5 | 13.5 | 22,800 | 19,200 | 22,600 | 9.6 | 14,000 | 810 | 10570165 | No |
| | CA*F3137*6A*+TXV | G*VC960603BNA* | 23,600 | 19,600 | 17.5 | 13.5 | 22,800 | 19,200 | 22,600 | 9.6 | 14,000 | 820 | 10570174 | No |
| | CA*F3137*6A*+TXV | G*VC960803BNA* | 23,600 | 19,600 | 18.0 | 14.0 | 22,800 | 19,200 | 22,600 | 10.0 | 13,000 | 810 | 10570184 | No |
| | CA*F3137*6A*+TXV | G*VM970603BNA* | 23,600 | 19,600 | 17.5 | 13.5 | 22,800 | 19,200 | 22,600 | 9.6 | 14,000 | 820 | 10570175 | No |
| | CA*F3137*6A*+TXV | G*VM970803BNA* | 23,600 | 19,600 | 18.0 | 14.0 | 22,800 | 19,200 | 22,600 | 10.0 | 13,000 | 810 | 10570185 | No |
| | CA*F3636*6D*+MBVC1200**-1A*+TXV | | 23,000 | 19,200 | 17.5 | 13.5 | 22,200 | 18,800 | 22,000 | 9.6 | 14,000 | 855 | 10570303 | No |
| | CA*F3636*6D*+MBVC1600**-1A*+TXV | | 23,200 | 19,200 | 17.5 | 13.5 | 22,400 | 18,800 | 22,200 | 9.6 | 14,000 | 850 | 10570141 | No |
| | CA*F3636*6D*+TXV | G*VC80603B*B* | 23,200 | 19,200 | 17.5 | 13.5 | 22,400 | 18,800 | 22,200 | 9.6 | 13,000 | 870 | 10570145 | No |
| | CA*F3636*6D*+TXV | G*VC80604B*B* | 23,200 | 19,200 | 17.5 | 13.5 | 22,400 | 18,800 | 22,200 | 9.6 | 13,000 | 820 | 10570148 | No |
| | CA*F3636*6D*+TXV | G*VC80803B*B* | 23,000 | 19,200 | 17.0 | 13.5 | 22,200 | 18,800 | 22,000 | 9.6 | 13,000 | 800 | 10570153 | No |
| | CA*F3636*6D*+TXV | G*VC80804C*B* | 23,200 | 19,200 | 17.5 | 13.5 | 22,400 | 18,800 | 22,200 | 9.6 | 13,000 | 830 | 10570158 | No |
| | CA*F3636*6D*+TXV | G*VC960403BNA* | 23,000 | 19,200 | 17.0 | 13.5 | 22,200 | 18,800 | 22,000 | 9.6 | 13,000 | 810 | 10570161 | No |
| | CA*F3636*6D*+TXV | G*VC960603BNA* | 23,000 | 19,200 | 17.0 | 13.0 | 22,200 | 18,800 | 22,000 | 9.6 | 13,000 | 820 | 10570166 | No |
| | CA*F3636*6D*+TXV | G*VC960803BNA* | 23,000 | 19,200 | 17.0 | 13.0 | 22,200 | 18,800 | 22,000 | 9.6 | 13,000 | 810 | 10570176 | No |
| | CA*F3636*6D*+TXV | G*VM970603BNA* | 23,000 | 19,200 | 17.0 | 13.0 | 22,200 | 18,800 | 22,000 | 9.6 | 13,000 | 820 | 10570167 | No |
| | CA*F3636*6D*+TXV | G*VM970803BNA* | 23,000 | 19,200 | 17.0 | 13.0 | 22,200 | 18,800 | 22,000 | 9.6 | 13,000 | 810 | 10570177 | No |
| | CA*F3642*6D*+MBVC1600**-1A*+TXV | | 23,400 | 19,400 | 18.0 | 14.0 | 22,600 | 19,000 | 22,400 | 9.6 | 14,000 | 850 | 10570142 | No |
| | CA*F3642*6D*+TXV | G*VC80604B*B* | 23,400 | 19,400 | 17.5 | 13.5 | 22,600 | 19,000 | 22,400 | 9.6 | 13,000 | 820 | 10570149 | No |
| | CA*F3642*6D*+TXV | G*VC80803B*B* | 23,200 | 19,200 | 17.5 | 13.5 | 22,400 | 18,800 | 22,200 | 9.6 | 13,000 | 800 | 10570154 | No |
| | CA*F3642*6D*+TXV | G*VC80804C*B* | 23,400 | 19,400 | 18.0 | 14.0 | 22,600 | 19,000 | 22,400 | 9.6 | 13,000 | 830 | 10570159 | No |
| | CA*F3642*6D*+TXV | G*VC960403BNA* | 23,200 | 19,200 | 17.5 | 13.5 | 22,400 | 18,800 | 22,200 | 9.6 | 13,000 | 810 | 10570162 | No |
| | CA*F3642*6D*+TXV | G*VC960603BNA* | 23,200 | 19,200 | 17.5 | 13.5 | 22,400 | 18,800 | 22,200 | 9.6 | 13,000 | 820 | 10570168 | No |
| | CA*F3642*6D*+TXV | G*VC960803BNA* | 23,200 | 19,200 | 17.0 | 13.0 | 22,400 | 18,800 | 22,200 | 9.6 | 13,000 | 810 | 10570178 | No |
| | CA*F3642*6D*+TXV | G*VM970603BNA* | 23,200 | 19,200 | 17.5 | 13.5 | 22,400 | 18,800 | 22,200 | 9.6 | 13,000 | 820 | 10570169 | No |
| | CA*F3642*6D*+TXV | G*VM970803BNA* | 23,200 | 19,200 | 17.0 | 13.0 | 22,400 | 18,800 | 22,200 | 9.6 | 13,000 | 810 | 10570179 | No |
| | CHPF3636B6C*+MBVC1200**-1A*+TXV | | 23,000 | 19,200 | 17.5 | 13.5 | 22,200 | 18,800 | 22,000 | 9.6 | 14,000 | 855 | 10570140 | No |
| | CHPF3636B6C*+TXV | G*VC80603B*B* | 23,200 | 19,200 | 18.0 | 14.0 | 22,400 | 18,800 | 22,200 | 9.6 | 13,000 | 870 | 10570146 | No |
| | CHPF3636B6C*+TXV | G*VC80604B*B* | 23,200 | 19,200 | 17.5 | 13.5 | 22,400 | 18,800 | 22,200 | 9.6 | 13,000 | 820 | 10570150 | No |
| | CHPF3636B6C*+TXV | G*VC80803B*B* | 23,000 | 19,200 | 17.0 | 13.5 | 22,200 | 18,800 | 22,000 | 9.6 | 13,000 | 800 | 10570155 | No |
| | CHPF3636B6C*+TXV | G*VC960403BNA* | 23,200 | 19,200 | 17.5 | 13.5 | 22,400 | 18,800 | 22,200 | 9.6 | 13,000 | 810 | 10570163 | No |
| | CHPF3636B6C*+TXV | G*VC960603BNA* | 23,000 | 19,200 | 17.0 | 13.0 | 22,200 | 18,800 | 22,000 | 9.6 | 13,000 | 820 | 10570170 | No |
| | CHPF3636B6C*+TXV | G*VC960803BNA* | 23,000 | 19,200 | 17.0 | 13.0 | 22,200 | 18,800 | 22,000 | 9.6 | 13,000 | 810 | 10570180 | No |
| | CHPF3636B6C*+TXV | G*VM970603BNA* | 23,000 | 19,200 | 17.0 | 13.0 | 22,200 | 18,800 | 22,000 | 9.6 | 13,000 | 820 | 10570171 | No |
| | CHPF3636B6C*+TXV | G*VM970803BNA* | 23,000 | 19,200 | 17.0 | 13.0 | 22,200 | 18,800 | 22,000 | 9.6 | 13,000 | 810 | 10570181 | No |
| | CHPF3642C6C*+MBVC1600**-1A*+TXV | | 23,400 | 19,400 | 18.0 | 14.0 | 22,600 | 19,000 | 22,400 | 9.6 | 14,000 | 850 | 10570143 | No |

See Notes on Page 22.

| Outdoor Unit | Indoor Units | | Cooling Ratings ^ | | | | TVA Ratings [3] | | Heating Ratings ^ | | | CFM | AHRI # | Energy Star |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Coils/Air Handlers | Furnaces | Total | Sens. | SEER [1] | EER [2] | Total | Sens. | HI [4] | HSPF [5] | Low [6] | | | |
| GSZC18 0241C* (Contd.) | CHPF3642C6C*+TXV | G*VC80604B*B* | 23,200 | 19,200 | 17.5 | 13.5 | 22,400 | 18,800 | 22,200 | 9.6 | 13,000 | 820 | 10570151 | No |
| | CHPF3642C6C*+TXV | G*VC80803B*B* | 23,000 | 19,200 | 17.0 | 13.5 | 22,200 | 18,800 | 22,000 | 9.6 | 13,000 | 800 | 10570156 | No |
| | CHPF3642C6C*+TXV | G*VC80804C*B* | 23,400 | 19,400 | 18.0 | 14.0 | 22,600 | 19,000 | 22,400 | 9.6 | 13,000 | 830 | 10570160 | No |
| | CHPF3642C6C*+TXV | G*VC960403BNA* | 23,200 | 19,200 | 17.5 | 13.5 | 22,400 | 18,800 | 22,200 | 9.6 | 13,000 | 810 | 10570164 | No |
| | CHPF3642C6C*+TXV | G*VC960603BNA* | 23,400 | 19,400 | 17.0 | 13.0 | 22,600 | 19,000 | 22,400 | 9.6 | 13,000 | 820 | 10570172 | No |
| | CHPF3642C6C*+TXV | G*VC960803BNA* | 23,200 | 19,200 | 17.5 | 13.5 | 22,400 | 18,800 | 22,200 | 9.6 | 13,000 | 810 | 10570182 | No |
| | CHPF3642C6C*+TXV | G*VM970603BNA* | 23,400 | 19,400 | 17.0 | 13.0 | 22,600 | 19,000 | 22,400 | 9.6 | 13,000 | 820 | 10570173 | No |
| | CHPF3642C6C*+TXV | G*VM970803BNA* | 23,200 | 19,200 | 17.5 | 13.5 | 22,400 | 18,800 | 22,200 | 9.6 | 13,000 | 810 | 10570183 | No |
| GSZC18 0361C* | AVPTC37C14A* | | 35,600 | 28,400 | 18.0 | 13.5 | 34,400 | 27,800 | 35,800 | 10.0 | 22,600 | 1,130 | 10570186 | Yes |
| | AVPTC37D14A* | | 35,800 | 28,400 | 18.0 | 13.5 | 34,600 | 28,000 | 36,000 | 10.0 | 22,800 | 1,210 | 10570187 | No |
| | CA*F3743*6D*+MBVC1600**-1A*+TX | | 34,800 | 27,600 | 18.0 | 14.0 | 33,600 | 27,000 | 35,000 | 10.0 | 22,600 | 1,220 | 10570136 | Yes |
| | CA*F3743*6D*+MBVC2000**-1A*+TXV | | 35,000 | 27,800 | 18.0 | 14.0 | 33,800 | 27,200 | 36,000 | 9.8 | 23,000 | 1,270 | 10570190 | No |
| | CA*F3743*6D*+TXV | G*VC80604B*B* | 34,600 | 27,600 | 17.5 | 13.5 | 33,400 | 27,000 | 35,600 | 9.6 | 22,400 | 1,100 | 10570196 | No |
| | CA*F3743*6D*+TXV | G*VC80803B*B* | 34,600 | 27,600 | 18.0 | 13.5 | 33,400 | 27,000 | 35,600 | 9.6 | 22,400 | 1,100 | 10570199 | No |
| | CA*F3743*6D*+TXV | G*VC80804C*B* | 34,600 | 27,600 | 17.5 | 13.5 | 33,400 | 27,000 | 35,600 | 9.6 | 22,400 | 1,100 | 10570201 | No |
| | CA*F3743*6D*+TXV | G*VC80805C*B* | 35,000 | 27,800 | 17.5 | 13.5 | 33,800 | 27,200 | 35,600 | 9.6 | 22,600 | 1,200 | 10570204 | No |
| | CA*F3743*6D*+TXV | G*VC80805D*B* | 34,600 | 27,600 | 17.5 | 13.5 | 33,400 | 27,000 | 35,600 | 9.6 | 22,400 | 1,100 | 10570210 | No |
| | CA*F3743*6D*+TXV | G*VC81005C*B* | 35,000 | 27,800 | 18.0 | 13.5 | 33,800 | 27,200 | 36,000 | 10.0 | 22,600 | 1,140 | 10570216 | Yes |
| | CA*F3743*6D*+TXV | G*VC960403BNA* | 34,400 | 27,400 | 17.5 | 13.0 | 33,200 | 26,800 | 35,400 | 9.5 | 22,000 | 1,100 | 10570221 | No |
| | CA*F3743*6D*+TXV | G*VC960603BNA* | 34,000 | 27,000 | 17.0 | 13.0 | 32,800 | 26,400 | 35,000 | 9.2 | 22,200 | 1,135 | 10570224 | No |
| | CA*F3743*6D*+TXV | G*VC960803BNA* | 34,000 | 27,000 | 17.0 | 12.5 | 32,800 | 26,400 | 35,600 | 9.2 | 22,200 | 1,140 | 10570230 | No |
| | CA*F3743*6D*+TXV | G*VC960804CNA* | 34,600 | 27,600 | 18.0 | 13.5 | 33,400 | 27,000 | 35,600 | 9.6 | 22,400 | 1,190 | 10570236 | No |
| | CA*F3743*6D*+TXV | G*VC961005CNA* | 34,600 | 27,600 | 18.0 | 13.5 | 33,400 | 27,000 | 35,600 | 9.6 | 22,600 | 1,180 | 10570244 | No |
| | CA*F3743*6D*+TXV | G*VM970603BNA* | 34,000 | 27,000 | 17.0 | 13.0 | 32,800 | 26,400 | 35,000 | 9.2 | 22,200 | 1,135 | 10570225 | No |
| | CA*F3743*6D*+TXV | G*VM970803BNA* | 34,000 | 27,000 | 17.0 | 12.5 | 32,800 | 26,400 | 35,600 | 9.2 | 22,200 | 1,140 | 10570231 | No |
| | CA*F3743*6D*+TXV | G*VM970804CNA* | 34,600 | 27,600 | 18.0 | 13.5 | 33,400 | 27,000 | 35,600 | 9.6 | 22,400 | 1,190 | 10570237 | No |
| | CA*F3743*6D*+TXV | G*VM971005CNA* | 34,600 | 27,600 | 18.0 | 13.5 | 33,400 | 27,000 | 35,600 | 9.6 | 22,600 | 1,180 | 10570245 | No |
| | CA*F4860*6D*+TXV | G*VC80805C*B* | 35,000 | 27,800 | 17.5 | 13.5 | 33,800 | 27,200 | 35,600 | 9.6 | 22,600 | 1,200 | 10570205 | No |
| | CA*F4860*6D*+TXV | G*VC80805D*B* | 34,600 | 27,600 | 17.5 | 13.5 | 33,400 | 27,000 | 35,600 | 9.6 | 22,400 | 1,100 | 10570211 | No |
| | CA*F4961*6D*+MBVC1600**-1A*+TXV | | 36,000 | 28,600 | 18.5 | 14.0 | 34,800 | 28,000 | 36,400 | 10.0 | 23,000 | 1,200 | 10570188 | No |
| | CA*F4961*6D*+MBVC2000**-1A*+TXV | | 36,000 | 28,600 | 19.0 | 14.0 | 34,800 | 28,000 | 36,600 | 10.0 | 23,200 | 1,270 | 10570191 | No |
| | CA*F4961*6D*+TXV | G*VC80603B*B* | 35,000 | 27,800 | 18.0 | 13.5 | 33,800 | 27,200 | 36,000 | 9.6 | 22,600 | 1,110 | 10570194 | No |
| | CA*F4961*6D*+TXV | G*VC80604B*B* | 35,000 | 27,800 | 17.5 | 13.5 | 33,800 | 27,200 | 36,000 | 9.6 | 22,800 | 1,100 | 10570197 | No |
| | CA*F4961*6D*+TXV | G*VC80803B*B* | 35,000 | 27,800 | 18.0 | 13.5 | 33,800 | 27,200 | 36,000 | 9.6 | 22,800 | 1,100 | 10570200 | No |
| | CA*F4961*6D*+TXV | G*VC80804C*B* | 35,000 | 27,800 | 18.0 | 13.5 | 33,800 | 27,200 | 36,000 | 10.0 | 23,000 | 1,100 | 10570202 | No |
| | CA*F4961*6D*+TXV | G*VC80805C*B* | 35,600 | 28,400 | 18.0 | 14.0 | 34,400 | 27,800 | 36,600 | 10.0 | 23,000 | 1,200 | 10570206 | No |
| | CA*F4961*6D*+TXV | G*VC80805D*B* | 35,000 | 27,800 | 18.0 | 13.5 | 33,800 | 27,200 | 36,000 | 10.0 | 22,600 | 1,100 | 10570212 | No |
| | CA*F4961*6D*+TXV | G*VC81005C*B* | 35,600 | 28,400 | 18.0 | 14.0 | 34,400 | 27,800 | 36,000 | 10.0 | 23,000 | 1,150 | 10570217 | No |
| | CA*F4961*6D*+TXV | G*VC960403BNA* | 34,800 | 27,600 | 17.5 | 13.0 | 33,600 | 27,000 | 35,800 | 9.5 | 22,400 | 1,100 | 10570222 | No |
| | CA*F4961*6D*+TXV | G*VC960603BNA* | 34,600 | 27,600 | 17.5 | 13.0 | 33,400 | 27,000 | 35,000 | 9.5 | 22,600 | 1,135 | 10570226 | No |
| | CA*F4961*6D*+TXV | G*VC960803BNA* | 35,000 | 27,800 | 17.5 | 13.0 | 33,800 | 27,200 | 36,000 | 9.5 | 22,600 | 1,140 | 10570232 | No |

See Notes on Page 22.

| Outdoor Unit | Indoor Units | | Cooling Ratings ^ | | | | TVA Ratings [3] | | Heating Ratings ^ | | | CFM | AHRI # | Energy Star |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Coils/Air Handlers | Furnaces | Total | Sens. | SEER [1] | EER [2] | Total | Sens. | HI [4] | HSPF [5] | Low [6] | | | |
| GSZC18 0361C* (Contd.) | CA*F4961*6D*+TXV | G*VC960804CNA* | 35,000 | 27,800 | 18.0 | 13.5 | 33,800 | 27,200 | 36,000 | 9.6 | 22,600 | 1,190 | 10570238 | No |
| | CA*F4961*6D*+TXV | G*VC961005CNA* | 35,400 | 28,200 | 18.0 | 14.0 | 34,200 | 27,600 | 36,400 | 10.0 | 22,800 | 1,180 | 10570246 | No |
| | CA*F4961*6D*+TXV | G*VM970603BNA* | 34,600 | 27,600 | 17.5 | 13.0 | 33,400 | 27,000 | 35,000 | 9.5 | 22,600 | 1,135 | 10570227 | No |
| | CA*F4961*6D*+TXV | G*VM970803BNA* | 35,000 | 27,800 | 17.5 | 13.0 | 33,800 | 27,200 | 36,000 | 9.5 | 22,600 | 1,140 | 10570233 | No |
| | CA*F4961*6D*+TXV | G*VM970804CNA* | 35,000 | 27,800 | 18.0 | 13.5 | 33,800 | 27,200 | 36,000 | 9.6 | 22,600 | 1,190 | 10570239 | No |
| | CA*F4961*6D*+TXV | G*VM971005CNA* | 35,400 | 28,200 | 18.0 | 14.0 | 34,200 | 27,600 | 36,400 | 10.0 | 22,800 | 1,180 | 10570247 | No |
| | CHPF3743C6B*+MBVC1600**-1A*+TXV | | 35,000 | 27,800 | 17.5 | 13.0 | 33,800 | 27,200 | 36,000 | 9.5 | 23,000 | 1,160 | 10570189 | No |
| | CHPF3743C6B*+TXV | G*VC80603B*B* | 34,600 | 27,600 | 17.5 | 13.0 | 33,400 | 27,000 | 35,600 | 9.6 | 22,200 | 1,110 | 10570195 | No |
| | CHPF3743C6B*+TXV | G*VC80604B*B* | 34,600 | 27,600 | 17.5 | 13.0 | 33,400 | 27,000 | 35,600 | 9.6 | 22,200 | 1,100 | 10570198 | No |
| | CHPF3743C6B*+TXV | G*VC80803B*B* | 34,000 | 27,000 | 17.5 | 13.0 | 32,800 | 26,400 | 35,000 | 9.5 | 22,000 | 1,075 | 10570304 | No |
| | CHPF3743C6B*+TXV | G*VC80804C*B* | 34,000 | 27,000 | 17.5 | 13.0 | 32,800 | 26,400 | 35,000 | 9.6 | 22,000 | 1,090 | 10570203 | No |
| | CHPF3743C6B*+TXV | G*VC80805C*B* | 34,600 | 27,600 | 17.5 | 13.0 | 33,400 | 27,000 | 35,600 | 9.6 | 22,400 | 1,175 | 10570207 | No |
| | CHPF3743C6B*+TXV | G*VC80805D*B* | 34,000 | 27,000 | 17.5 | 13.0 | 32,800 | 26,400 | 35,000 | 9.6 | 22,000 | 1,090 | 10570213 | No |
| | CHPF3743C6B*+TXV | G*VC81005C*B* | 34,800 | 27,600 | 18.0 | 13.5 | 33,600 | 27,000 | 35,800 | 9.6 | 22,400 | 1,150 | 10570218 | No |
| | CHPF3743C6B*+TXV | G*VC960403BNA* | 34,000 | 27,000 | 17.0 | 13.0 | 32,800 | 26,400 | 34,600 | 9.5 | 22,000 | 1,100 | 10570223 | No |
| | CHPF3743C6B*+TXV | G*VC960603BNA* | 34,000 | 27,000 | 17.5 | 12.5 | 32,800 | 26,400 | 35,000 | 9.2 | 22,000 | 1,120 | 10570228 | No |
| | CHPF3743C6B*+TXV | G*VC960803BNA* | 34,000 | 27,000 | 17.0 | 12.5 | 32,800 | 26,400 | 35,200 | 9.2 | 22,000 | 1,130 | 10570234 | No |
| | CHPF3743C6B*+TXV | G*VC960804CNA* | 34,000 | 27,000 | 17.5 | 13.0 | 32,800 | 26,400 | 35,000 | 9.6 | 22,000 | 1,170 | 10570240 | No |
| | CHPF3743C6B*+TXV | G*VC961005CNA* | 34,600 | 27,600 | 17.5 | 13.0 | 33,400 | 27,000 | 35,400 | 9.6 | 22,200 | 1,160 | 10570248 | No |
| | CHPF3743C6B*+TXV | G*VM970603BNA* | 34,000 | 27,000 | 17.5 | 12.5 | 32,800 | 26,400 | 35,000 | 9.2 | 22,000 | 1,120 | 10570229 | No |
| | CHPF3743C6B*+TXV | G*VM970803BNA* | 34,000 | 27,000 | 17.0 | 12.5 | 32,800 | 26,400 | 35,200 | 9.2 | 22,000 | 1,130 | 10570235 | No |
| | CHPF3743C6B*+TXV | G*VM970804CNA* | 34,000 | 27,000 | 17.5 | 13.0 | 32,800 | 26,400 | 35,000 | 9.6 | 22,000 | 1,170 | 10570241 | No |
| | CHPF3743C6B*+TXV | G*VM971005CNA* | 34,600 | 27,600 | 17.5 | 13.0 | 33,400 | 27,000 | 35,400 | 9.6 | 22,200 | 1,160 | 10570249 | No |
| | CHPF3743D6B*+MBVC2000**-1A*+TXV | | 35,000 | 27,800 | 18.0 | 14.0 | 33,800 | 27,200 | 36,000 | 9.8 | 23,000 | 1,270 | 10570192 | No |
| | CHPF3743D6B*+TXV | G*VC80805C*B* | 34,600 | 27,600 | 17.5 | 13.5 | 33,400 | 27,000 | 35,600 | 9.6 | 22,400 | 1,200 | 10570208 | No |
| | CHPF3743D6B*+TXV | G*VC80805D*B* | 34,600 | 27,600 | 17.5 | 13.5 | 33,400 | 27,000 | 35,600 | 9.6 | 22,400 | 1,100 | 10570214 | No |
| | CHPF3743D6B*+TXV | G*VC81005C*B* | 35,000 | 27,800 | 18.0 | 13.5 | 33,800 | 27,200 | 36,000 | 10.0 | 22,600 | 1,150 | 10570219 | No |
| | CHPF4860D6D*+MBVC2000**-1A*+TXV | | 35,600 | 28,400 | 18.5 | 14.0 | 34,400 | 27,800 | 36,000 | 10.0 | 23,200 | 1,270 | 10570193 | No |
| | CHPF4860D6D*+TXV | G*VC80805C*B* | 35,000 | 27,800 | 18.0 | 13.5 | 33,800 | 27,200 | 36,000 | 10.0 | 22,600 | 1,200 | 10570209 | No |
| | CHPF4860D6D*+TXV | G*VC80805D*B* | 35,000 | 27,800 | 18.0 | 13.5 | 33,800 | 27,200 | 36,000 | 10.0 | 22,600 | 1,100 | 10570215 | No |
| | CHPF4860D6D*+TXV | G*VC81005C*B* | 35,000 | 27,800 | 18.0 | 13.5 | 33,800 | 27,200 | 36,000 | 9.6 | 22,600 | 1,150 | 10570220 | No |
| | CHPF4860D6D*+TXV | G*VC960804CNA* | 34,600 | 27,600 | 18.0 | 13.5 | 33,400 | 27,000 | 35,600 | 9.6 | 22,400 | 1,190 | 10570242 | No |
| | CHPF4860D6D*+TXV | G*VC961005CNA* | 35,000 | 27,800 | 18.0 | 13.5 | 33,800 | 27,200 | 36,000 | 9.6 | 22,600 | 1,180 | 10570250 | No |
| | CHPF4860D6D*+TXV | G*VC961005DNA* | 35,000 | 27,800 | 18.0 | 13.0 | 33,800 | 27,200 | 36,000 | 10.0 | 22,600 | 1,220 | 10570252 | No |
| | CHPF4860D6D*+TXV | G*VM970804CNA* | 34,600 | 27,600 | 18.0 | 13.5 | 33,400 | 27,000 | 35,600 | 9.6 | 22,400 | 1,190 | 10570243 | No |
| | CHPF4860D6D*+TXV | G*VM971005CNA* | 35,000 | 27,800 | 18.0 | 13.5 | 33,800 | 27,200 | 36,000 | 9.6 | 22,600 | 1,180 | 10570251 | No |
| GSZC18 0481C* | AVPTC61D14A* | | 49,000 | 39,800 | 18.0 | 13.0 | 47,200 | 39,000 | 51,000 | 9.5 | 30,000 | 1,760 | 10570253 | Yes |
| | CA*F4961*6D*+MBVC1600**-1A*+TXV | | 49,000 | 39,800 | 17.5 | 12.5 | 47,200 | 39,000 | 50,500 | 9.2 | 29,400 | 1,700 | 10570254 | No |
| | CA*F4961*6D*+MBVC2000**-1A*+TX | | 49,500 | 40,400 | 18.0 | 13.0 | 47,800 | 39,400 | 51,000 | 9.5 | 25,800 | 1,750 | 10570137 | Yes |
| | CA*F4961*6D*+TXV | G*VC80805C*B* | 47,500 | 38,600 | 17.0 | 12.5 | 45,800 | 37,800 | 49,000 | 9.0 | 29,000 | 1,515 | 10570256 | No |
| | CA*F4961*6D*+TXV | G*VC80805D*B* | 48,000 | 39,000 | 18.0 | 13.0 | 46,200 | 38,200 | 49,000 | 9.2 | 29,000 | 1,560 | 10570258 | Yes |
| | CA*F4961*6D*+TXV | G*VC81005C*B* | 48,000 | 39,000 | 17.0 | 12.5 | 46,200 | 38,200 | 49,000 | 9.0 | 29,000 | 1,525 | 10570260 | No |

See Notes on Page 22.

| Outdoor Unit | Indoor Units | | Cooling Ratings ^ | | | | TVA Ratings [3] | | Heating Ratings ^ | | | CFM | AHRI # | Energy Star |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Coils/Air Handlers | Furnaces | Total | Sens. | SEER [1] | EER [2] | Total | Sens. | HI [4] | HSPF[5] | Low [6] | | | |
| GSZC18 0481C* (Contd.) | CA*F4961*6D*+TXV | G*VC960804CNA* | 48,000 | 39,000 | 17.0 | 12.5 | 46,200 | 38,200 | 49,000 | 9.0 | 29,000 | 1,525 | 10570262 | No |
| | CA*F4961*6D*+TXV | G*VC961005CNA* | 47,500 | 38,600 | 17.0 | 12.5 | 45,800 | 37,800 | 49,500 | 9.2 | 29,000 | 1,520 | 10570266 | No |
| | CA*F4961*6D*+TXV | G*VC961205DNA* | 47,500 | 38,600 | 17.0 | 12.5 | 45,800 | 37,800 | 49,500 | 9.2 | 29,000 | 1,530 | 10570270 | No |
| | CA*F4961*6D*+TXV | G*VM970804CNA* | 48,000 | 39,000 | 17.0 | 12.5 | 46,200 | 38,200 | 49,000 | 9.0 | 29,000 | 1,525 | 10570263 | No |
| | CA*F4961*6D*+TXV | G*VM971005CNA* | 47,500 | 38,600 | 17.0 | 12.5 | 45,800 | 37,800 | 49,500 | 9.2 | 29,000 | 1,520 | 10570267 | No |
| | CA*F4961*6D*+TXV | G*VM971205DNA* | 47,500 | 38,600 | 17.0 | 12.5 | 45,800 | 37,800 | 49,500 | 9.2 | 29,000 | 1,530 | 10570271 | No |
| | CHPF4860D6D*+MBVC2000**-1A*+TXV | | 48,000 | 39,000 | 17.5 | 12.5 | 46,200 | 38,200 | 50,000 | 9.5 | 29,800 | 1,750 | 10570255 | No |
| | CHPF4860D6D*+TXV | G*VC80805C*B* | 47,000 | 38,200 | 17.0 | 12.5 | 45,400 | 37,400 | 48,000 | 9.0 | 29,000 | 1,515 | 10570257 | No |
| | CHPF4860D6D*+TXV | G*VC80805D*B* | 47,000 | 38,200 | 17.0 | 12.5 | 45,400 | 37,400 | 48,000 | 9.2 | 29,000 | 1,560 | 10570259 | No |
| | CHPF4860D6D*+TXV | G*VC81005C*B* | 47,000 | 38,200 | 17.0 | 12.5 | 45,400 | 37,400 | 48,000 | 9.0 | 29,000 | 1,525 | 10570261 | No |
| | CHPF4860D6D*+TXV | G*VC960804CNA* | 47,000 | 38,200 | 17.0 | 12.5 | 45,400 | 37,400 | 48,000 | 9.0 | 29,000 | 1,525 | 10570264 | No |
| | CHPF4860D6D*+TXV | G*VC961005CNA* | 46,500 | 37,800 | 17.0 | 12.5 | 44,800 | 37,000 | 49,000 | 9.2 | 29,000 | 1,520 | 10570268 | No |
| | CHPF4860D6D*+TXV | G*VC961205DNA* | 46,500 | 37,800 | 17.0 | 12.5 | 44,800 | 37,000 | 49,000 | 9.0 | 29,000 | 1,530 | 10570272 | No |
| | CHPF4860D6D*+TXV | G*VM970804CNA* | 47,000 | 38,200 | 17.0 | 12.5 | 45,400 | 37,400 | 48,000 | 9.0 | 29,000 | 1,525 | 10570265 | No |
| | CHPF4860D6D*+TXV | G*VM971005CNA* | 46,500 | 37,800 | 17.0 | 12.5 | 44,800 | 37,000 | 49,000 | 9.2 | 29,000 | 1,520 | 10570269 | No |
| | CHPF4860D6D*+TXV | G*VM971205DNA* | 46,500 | 37,800 | 17.0 | 12.5 | 44,800 | 37,000 | 49,000 | 9.0 | 29,000 | 1,530 | 10570273 | No |
| GSZC18 0601C* | AVPTC61D14A* | | 56,000 | 43,500 | 17.0 | 12.5 | 54,000 | 42,500 | 59,000 | 9.5 | 37,000 | 1,790 | 10570274 | Yes |
| | CA*F4961*6D*+MBVC2000**-1A*+TX | | 56,500 | 44,000 | 17.0 | 12.5 | 54,500 | 43,000 | 59,500 | 9.5 | 34,600 | 1,840 | 10570138 | Yes |
| | CA*F4961*6D*+TXV | G*VC80805C*B* | 55,000 | 43,000 | 16.0 | 12.5 | 53,000 | 42,000 | 59,500 | 9.2 | 36,600 | 1,515 | 10570276 | No |
| | CA*F4961*6D*+TXV | G*VC80805D*B* | 55,000 | 43,000 | 16.0 | 12.5 | 53,000 | 42,000 | 59,500 | 9.5 | 36,400 | 1,460 | 10570278 | Yes |
| | CA*F4961*6D*+TXV | G*VC81005C*B* | 55,000 | 43,000 | 16.0 | 12.5 | 53,000 | 42,000 | 60,000 | 9.2 | 36,400 | 1,525 | 10570280 | No |
| | CA*F4961*6D*+TXV | G*VC961005CNA* | 55,000 | 43,000 | 16.0 | 12.5 | 53,000 | 42,000 | 60,500 | 9.2 | 36,600 | 1,520 | 10570282 | No |
| | CA*F4961*6D*+TXV | G*VC961005DNA* | 55,000 | 43,000 | 16.0 | 12.5 | 53,000 | 42,000 | 60,500 | 9.2 | 36,600 | 1,525 | 10570286 | No |
| | CA*F4961*6D*+TXV | G*VC961205DNA* | 55,000 | 43,000 | 16.0 | 12.5 | 53,000 | 42,000 | 59,500 | 9.2 | 36,600 | 1,530 | 10570288 | No |
| | CA*F4961*6D*+TXV | G*VM971005CNA* | 55,000 | 43,000 | 16.0 | 12.5 | 53,000 | 42,000 | 60,500 | 9.2 | 36,600 | 1,520 | 10570283 | No |
| | CA*F4961*6D*+TXV | G*VM971205DNA* | 55,000 | 43,000 | 16.0 | 12.5 | 53,000 | 42,000 | 59,500 | 9.2 | 36,600 | 1,530 | 10570289 | No |
| | CHPF4860D6D*+MBVC2000**-1A*+TXV | | 54,500 | 42,500 | 16.5 | 12.5 | 52,500 | 41,500 | 59,000 | 9.5 | 35,600 | 1,840 | 10570275 | No |
| | CHPF4860D6D*+TXV | G*VC80805C*B* | 53,500 | 41,500 | 16.0 | 12.0 | 51,500 | 40,500 | 59,500 | 9.0 | 36,600 | 1,515 | 10570277 | No |
| | CHPF4860D6D*+TXV | G*VC80805D*B* | 54,000 | 42,000 | 16.0 | 12.5 | 52,000 | 41,000 | 59,500 | 9.5 | 36,400 | 1,460 | 10570279 | No |
| | CHPF4860D6D*+TXV | G*VC81005C*B* | 53,500 | 41,500 | 16.0 | 12.5 | 51,500 | 40,500 | 59,500 | 9.0 | 36,400 | 1,525 | 10570281 | No |
| | CHPF4860D6D*+TXV | G*VC961005CNA* | 53,000 | 41,500 | 16.0 | 12.0 | 51,000 | 40,500 | 59,500 | 9.0 | 36,600 | 1,520 | 10570284 | No |
| | CHPF4860D6D*+TXV | G*VC961005DNA* | 53,500 | 41,500 | 16.0 | 12.0 | 51,500 | 40,500 | 59,500 | 9.0 | 36,600 | 1,525 | 10570287 | No |
| | CHPF4860D6D*+TXV | G*VC961205DNA* | 53,500 | 41,500 | 16.0 | 12.0 | 51,500 | 40,500 | 59,000 | 9.0 | 36,600 | 1,530 | 10570290 | No |
| | CHPF4860D6D*+TXV | G*VM971005CNA* | 53,000 | 41,500 | 16.0 | 12.0 | 51,000 | 40,500 | 59,500 | 9.0 | 36,600 | 1,520 | 10570285 | No |
| | CHPF4860D6D*+TXV | G*VM971205DNA* | 53,500 | 41,500 | 16.0 | 12.0 | 51,500 | 40,500 | 59,000 | 9.0 | 36,600 | 1,530 | 10570291 | No |

^ Rated in accordance with ANSI/AHRI Standard 210/240

[1] Seasonal Energy Efficiency Ratio

[2] Energy Efficiency Ratio @ 80°F/ 67°F/ 95°F

[3] TVA Rating: BTU/h @ 75°F/ 63°F - 95°F

[4] Rated heating capacity at 47°F outdoor per AHRI 210/240

[5] HSPF = Heating Seasonal Performance Factor

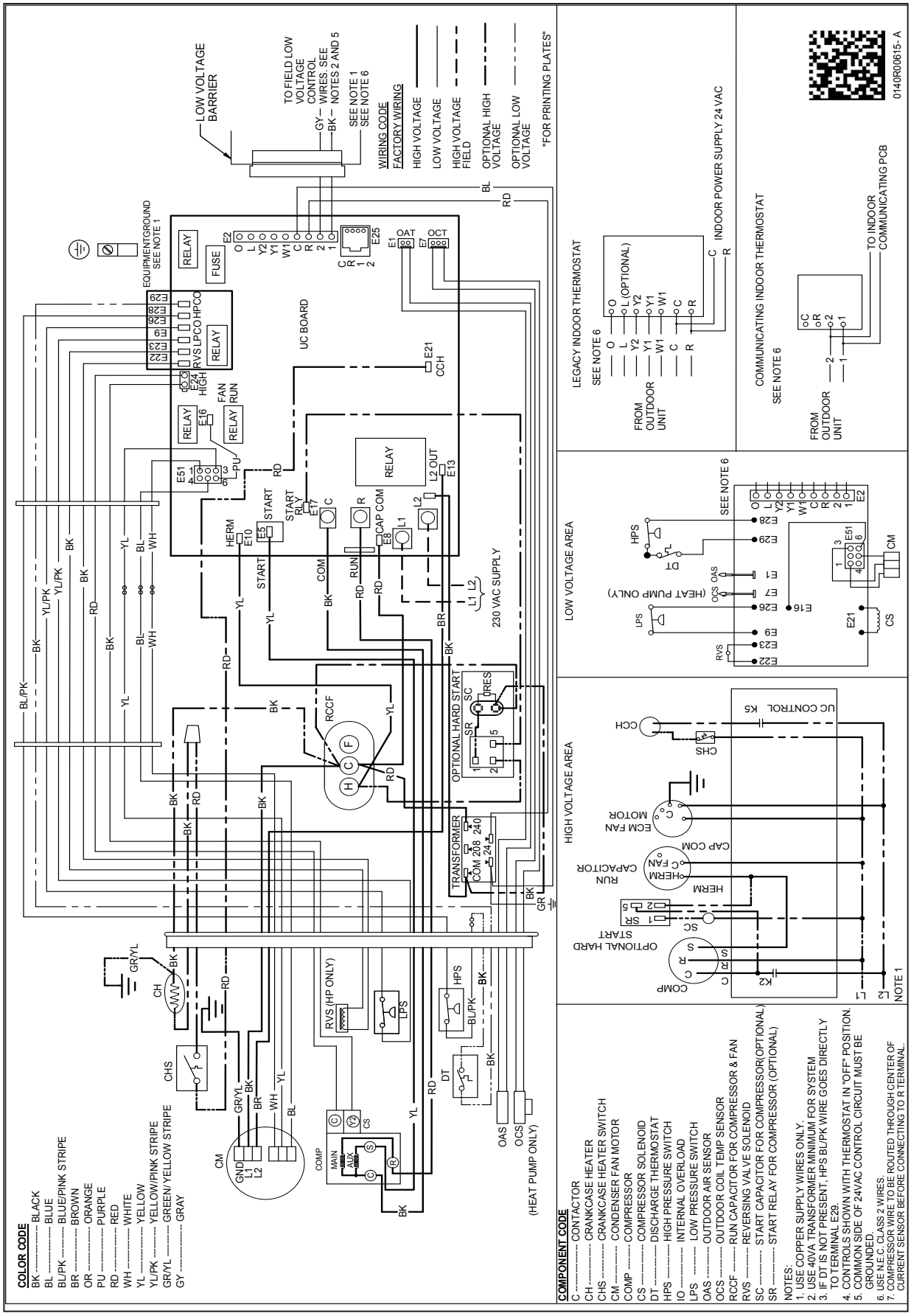
[6] Heating capacity at 17°F outdoor

[7] CFM at High stage

[8] CFM at Intermediate and low stage

**Notes**

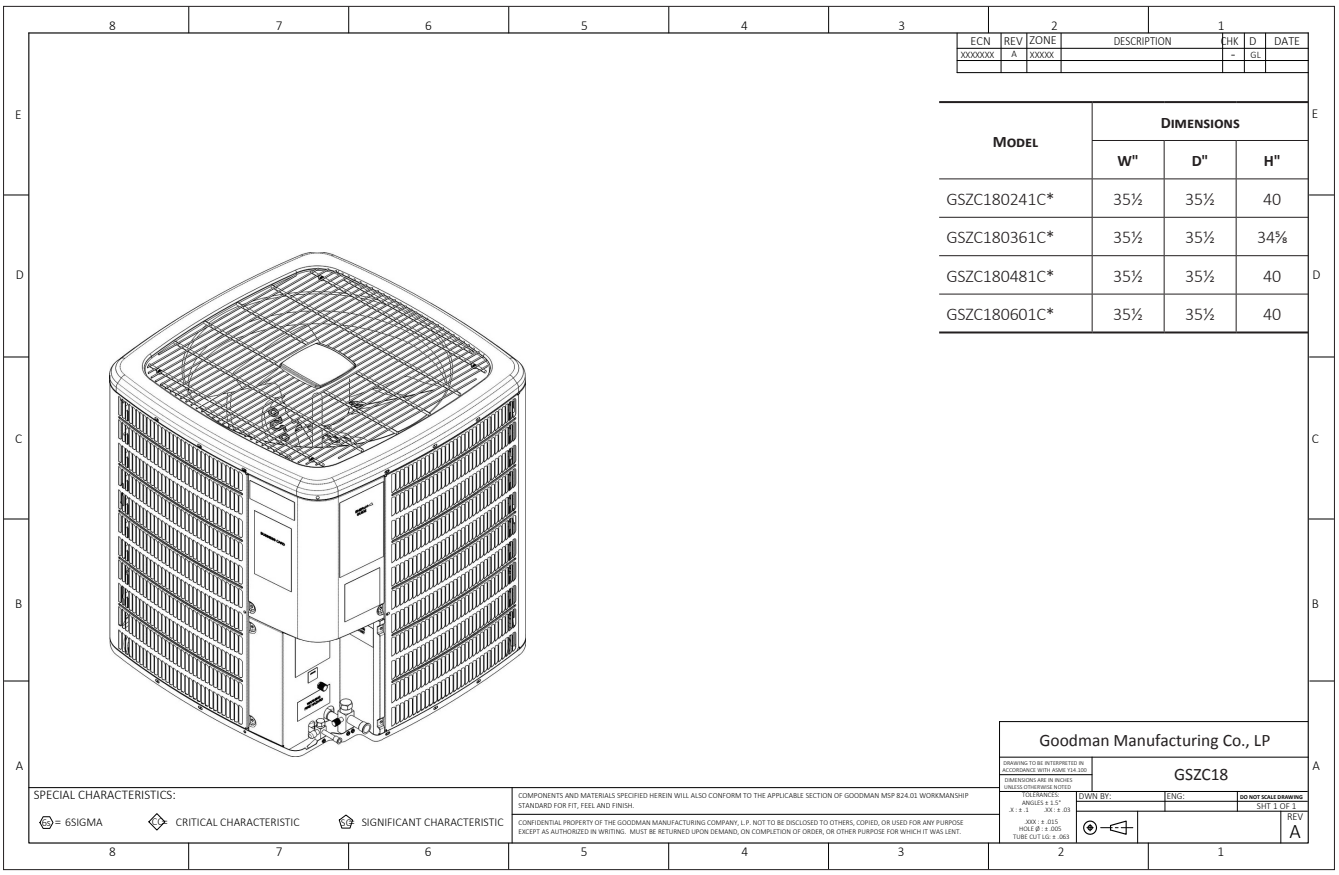
- Always check the S&R plate for electrical data on the unit being installed.
- When matching outdoor unit to indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP - Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Goodman brand gas furnace contains the EEP cooling time delay.




**WARNING**

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

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



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

| Model | Dimensions | | |
|---|---|---|---|
| | W" | D" | H" |
| GSZC180241C* | 35½ | 35½ | 40 |
| GSZC180361C* | 35½ | 35½ | 34⅝ |
| GSZC180481C* | 35½ | 35½ | 40 |
| GSZC180601C* | 35½ | 35½ | 40 |

Goodman Manufacturing Co., LP

GSZC18

SPECIAL CHARACTERISTICS:
6SIGMA = 6SIGMA  CRITICAL CHARACTERISTIC  SIGNIFICANT CHARACTERISTIC

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

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DRAWING TO BE INTERPRETED IN ACCORDANCE WITH ASME Y14.100
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED
TOLERANCES: ANGLES ± 1.5° X: ± .1 XX: ± .03 XXX: ± .015 HOLE Ø: ± .005 TUBE CUT LG: ± .063

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

## *Accessories*

| Model | Description | GSZC18 024** | GSZC18 036** | GSZC18 048** | GSZC18 060** |
|---|---|---|---|---|---|
| ABK-20 | Anchor Bracket Kit* | X | X | X | X |
| CSR-U-1 | Hard-start Kit | X | X | | |
| CSR-U-2 | Hard-start Kit | | X | X | X |
| CSR-U-3 | Hard-start Kit | | | X | X |
| FSK01A[2] | Freeze Protection Kit | X | X | X | X |
| OT18-60A[3] | Outdoor Thermostat/Lockout Thermostat | X | X | X | X |
| TX2N4[4] | TXV Kit | X | | | |
| TX3N4[4] | TXV Kit | | X | | |
| TX5N4[4] | TXV Kit | | | X | X |

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

1 Available in 24V legacy mode only. This feature is integrated in the communicating mode.

2 Installed on indoor coil

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

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

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