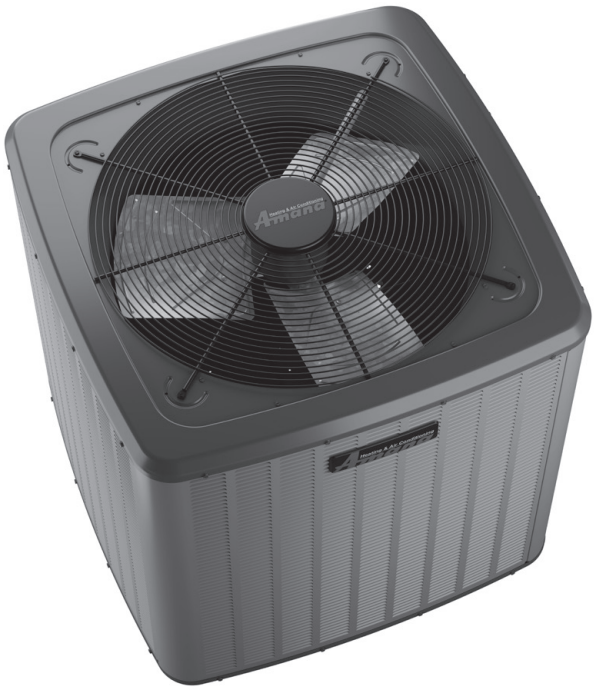
AMANA®
HEATING & AIR CONDITIONING

# ALXS3N

## *Energy-Efficient R-32 Split System Air Conditioner Up to 15 SEER2 1½ to 5 Tons*



R32

### *Contents*



### *Standard Features*

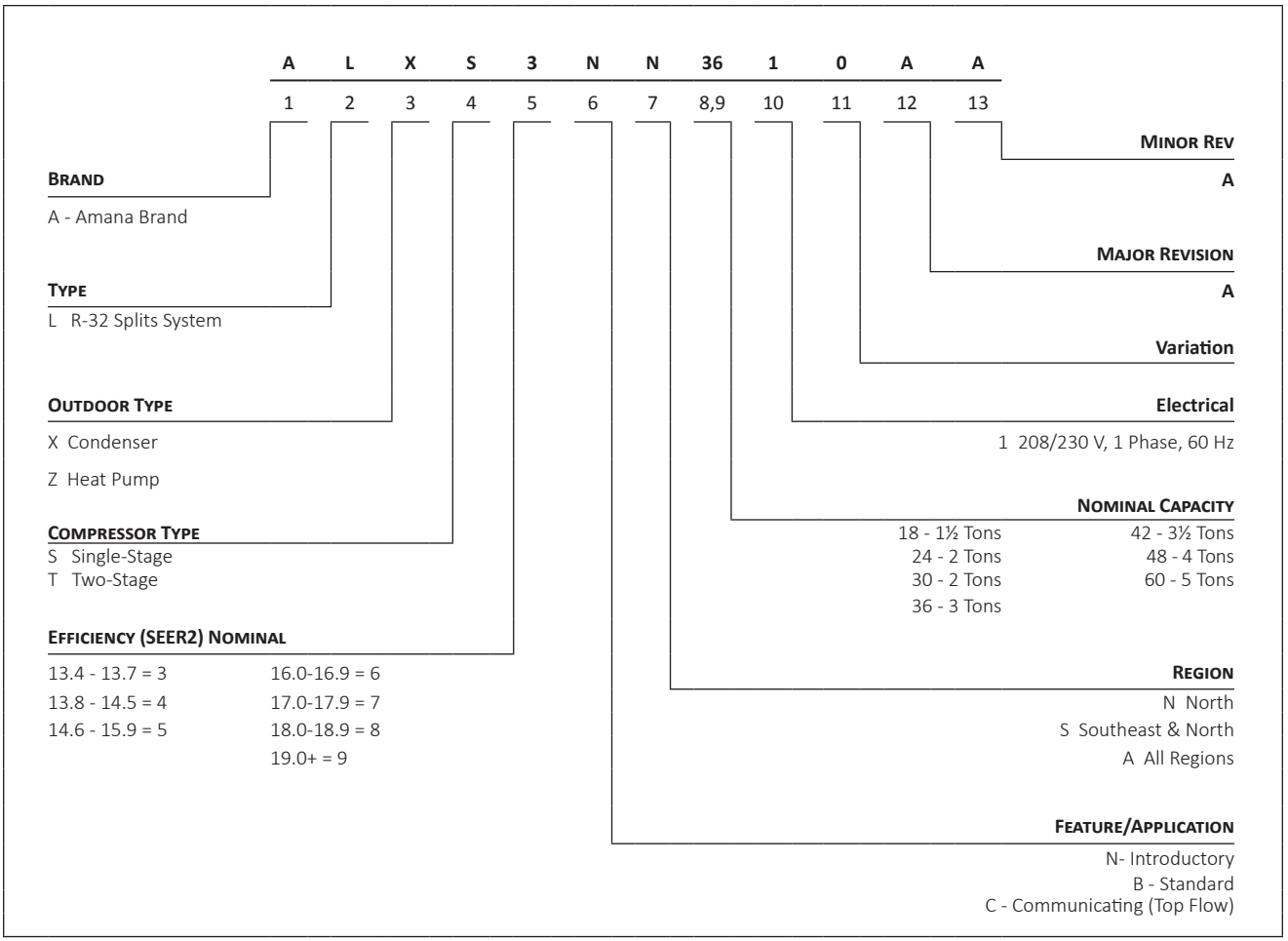
- Energy-efficient compressor
- Copper tube/ enhanced aluminum fin coil- 5mm diameter
- Factory-installed filter drier
- Sweat connection service valves with easy access to gauge ports
- Enclosed contactor
- High-pressure switch
- Ground lug connection
- Capacitors with extended life
- AHRI Certified
- ETL Listed

### *Cabinet Features*

- Removable grille-style top design compliant with UL 60335-2-40
- Venturi for increased velocity of airflow
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Wire fan discharge grille
- Steel louver coil guard
- Compact footprint
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2023 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

10 YEAR PARTS LIMITED WARRANTY* | ETL LISTED Intertek | AHRI CERTIFIED | COMPANY WITH ENVIRONMENTAL SYSTEM CERTIFIED BY DNV GL = ISO 14001 = | COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL = ISO 9001 =

* Complete warranty available from your local dealer or at www.amana-hac.com. To receive 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. The duration of warranty coverage may depend on the state in which you reside. Some states and provinces do not allow warranty coverage to be conditioned on registration. For a list of states and provinces that do not allow warranty coverage to be conditioned on registration, please visit www.amana-hac.com/warranty-information or, to request a paper copy of this information, please call us at 1-855-502-3903. Other limitations and exclusions apply, refer to complete warranty details for full list of limitations and exclusions.


A L X S 3 N N 36 1 0 A A
1 2 3 4 5 6 7 8,9 10 11 12 13
BRAND
A - Amana Brand
TYPE
L R-32 Splits System
OUTDOOR TYPE
X Condenser
Z Heat Pump
COMPRESSOR TYPE
S Single-Stage
T Two-Stage
EFFICIENCY (SEER2) NOMINAL
13.4 - 13.7 = 3
13.8 - 14.5 = 4
14.6 - 15.9 = 5
16.0-16.9 = 6
17.0-17.9 = 7
18.0-18.9 = 8
19.0+ = 9
NOMINAL CAPACITY
18 - 1½ Tons
24 - 2 Tons
30 - 2 Tons
36 - 3 Tons
42 - 3½ Tons
48 - 4 Tons
60 - 5 Tons
REGION
N North
S Southeast & North
A All Regions
FEATURE/APPLICATION
N- Introductory
B - Standard
C - Communicating (Top Flow)
Electrical
1 208/230 V, 1 Phase, 60 Hz
Variation
MAJOR REVISION
A
MINOR REV
A

| | ALXS3NN 1810A* | ALXS3NN N2410A* | ALXS3NN N3010A* | ALXS3NN N3610A* | ALXS3NN N4210A* | ALXS3NN N4810A* | ALXS3NN N6010A* |
|---|---|---|---|---|---|---|---|
| **COOLING CAPACITY** | | | | | | | |
| Nominal Cooling (BTU/h) | 18,000 | 24,000 | 30,000 | 36,000 | 42,000 | 48,000 | 60,000 |
| Decibels (dBA) | 73.0 | 74.0 | 74.0 | 69.0 | 73.0 | 71.0 | 74.0 |
| **COMPRESSOR** | | | | | | | |
| RLA | 8.2 | 8.2 | 11.2 | 13.4 | 14.4 | 19.4 | 23.9 |
| LRA | 41.2 | 41.2 | 52.5 | 83.3 | 112.2 | 127.7 | 148.0 |
| Stage | Single | Single | Single | Single | Single | Single | Single |
| Type | Rotary | Rotary | Rotary | Scroll | Scroll | Scroll | Scroll |
| **CONDENSER FAN MOTOR** | | | | | | | |
| Motor Type | PSC | PSC | PSC | PSC | PSC | PSC | PSC |
| Horsepower (RPM) | 1/8 | 1/8 | 1/8 | 1/8 | 1/4 | 1/4 | 1/4 |
| FLA | 0.70 | 0.70 | 0.70 | 0.70 | 1.4 | 1.4 | 1.3 |
| **REFRIGERATION SYSTEM** | | | | | | | |
| Refrigerant Line Size[1] | | | | | | | |
| Liquid Line Size ("O.D.) | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" |
| Suction Line Size ("O.D.) | ¾" | ¾" | ¾" | ⅞" | 1⅛" | 1⅛" | 1⅛" |
| Refrigerant Connection Size | | | | | | | |
| Liquid Valve Size ("O.D.) | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" | ⅜" |
| Suction Valve Size ("O.D.) [2] | ¾" | ¾" | ¾" | ¾" | ⅞" | ⅞" | ⅞" |
| Valve Connection Type | Sweat | Sweat | Sweat | Sweat | Sweat | Sweat | Sweat |
| Refrigerant Charge[3] | 53 | 53 | 60 | 60 | 74 | 84 | 91 |
| **ELECTRICAL DATA** | | | | | | | |
| Voltage-Phase | 208/230-1 | 208/230-1 | 208/230-1 | 208/230-1 | 208/230-1 | 208/230-1 | 208/230-1 |
| Minimum Circuit Ampacity [4] | 10.9 | 10.9 | 14.7 | 17.5 | 19.4 | 25.6 | 31.1 |
| Max. Overcurrent Protection [5] | 15.0 | 15.0 | 25.0 | 30.0 | 30.0 | 45.0 | 50.0 |
| Min / Max Volts | 197/253 | 197/253 | 197/253 | 197/253 | 197/253 | 197/253 | 197/253 |
| Electrical Conduit Size | ½" or ¾" | ½" or ¾" | ½" or ¾" | ½" or ¾" | ½" or ¾" | ½" or ¾" | ½" or ¾" |
| Equipment Weight (lbs) | 114 | 114 | 134 | 136 | 180 | 188 | 229 |
| Ship Weight (lbs) | 129 | 129 | 149 | 151 | 195 | 203 | 244 |

[1] Line sizes denoted for 25' line sets, tested and rated in accordance with AHRI Standard 210/240. For other line set lengths or sizes, refer to the Installation Instructions and/or the Long Line Set Applications guide.

[2] Any suction line adapter will need to be supplied by the field.

[3] Unit is factory charged with refrigerant for 15' of ⅜" liquid line. System charge must be adjusted per the Final Charge Adjustment procedure found in the Installation Instructions.

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

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

**NOTES**

- Always check the S&R plate for electrical data on the unit being installed.

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | 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 | 525 | MBh | 18.3 | 18.5 | 19.1 | - | 18.1 | 18.3 | 18.9 | - | 17.6 | 17.9 | 18.4 | - | 16.8 | 17.0 | 17.6 | - | 15.8 | 16.0 | 16.6 | - | 14.9 | 15.1 | 15.7 | - |
| | | S/T | 0.53 | 0.46 | 0.34 | - | 0.54 | 0.47 | 0.34 | - | 0.56 | 0.49 | 0.37 | - | 0.58 | 0.51 | 0.38 | - | 0.60 | 0.53 | 0.40 | - | 0.64 | 0.57 | 0.45 | - |
| | | ΔT | 23 | 21 | 17 | - | 23 | 21 | 17 | - | 24 | 22 | 18 | - | 23 | 21 | 17 | - | 23 | 21 | 17 | - | 24 | 22 | 18 | - |
| | | kW | 1.19 | 1.19 | 1.18 | - | 1.32 | 1.31 | 1.31 | - | 1.46 | 1.46 | 1.46 | - | 1.61 | 1.61 | 1.61 | - | 1.79 | 1.79 | 1.78 | - | 1.99 | 1.99 | 1.99 | - |
| | | Amps | 4.2 | 4.2 | 4.2 | - | 4.8 | 4.8 | 4.8 | - | 5.4 | 5.4 | 5.4 | - | 6.1 | 6.1 | 6.1 | - | 6.9 | 6.9 | 6.9 | - | 7.9 | 7.9 | 7.8 | - |
| | 625 | MBh | 18.6 | 18.8 | 19.4 | - | 18.4 | 18.6 | 19.2 | - | 17.9 | 18.2 | 18.7 | - | 17.1 | 17.3 | 17.9 | - | 16.1 | 16.3 | 16.9 | - | 15.2 | 15.4 | 16.0 | - |
| | | S/T | 0.61 | 0.54 | 0.41 | - | 0.61 | 0.54 | 0.42 | - | 0.63 | 0.56 | 0.44 | - | 0.65 | 0.58 | 0.46 | - | 0.67 | 0.60 | 0.48 | - | 0.72 | 0.65 | 0.53 | - |
| | | ΔT | 22 | 20 | 16 | - | 22 | 20 | 16 | - | 22 | 20 | 16 | - | 22 | 20 | 16 | - | 21 | 19 | 15 | - | 23 | 21 | 17 | - |
| | | kW | 1.20 | 1.20 | 1.19 | - | 1.32 | 1.32 | 1.32 | - | 1.47 | 1.47 | 1.46 | - | 1.62 | 1.62 | 1.62 | - | 1.80 | 1.79 | 1.79 | - | 2.00 | 2.00 | 1.99 | - |
| | | Amps | 4.2 | 4.2 | 4.2 | - | 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 | - |
| | 675 | MBh | 18.7 | 19.0 | 19.5 | - | 18.6 | 18.8 | 19.4 | - | 18.1 | 18.3 | 18.9 | - | 17.3 | 17.5 | 18.1 | - | 16.3 | 16.5 | 17.1 | - | 15.3 | 15.6 | 16.1 | - |
| | | S/T | 0.63 | 0.56 | 0.44 | - | 0.63 | 0.56 | 0.44 | - | 0.66 | 0.59 | 0.46 | - | 0.67 | 0.60 | 0.48 | - | 0.69 | 0.62 | 0.50 | - | 0.74 | 0.67 | 0.55 | - |
| | | ΔT | 21 | 19 | 15 | - | 21 | 19 | 15 | - | 21 | 19 | 15 | - | 21 | 19 | 15 | - | 21 | 19 | 15 | - | 22 | 20 | 16 | - |
| | | kW | 1.20 | 1.20 | 1.20 | - | 1.33 | 1.33 | 1.32 | - | 1.47 | 1.47 | 1.47 | - | 1.63 | 1.62 | 1.62 | - | 1.80 | 1.80 | 1.80 | - | 2.00 | 2.00 | 2.00 | - |
| | | Amps | 4.2 | 4.2 | 4.2 | - | 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 | - |
| 75 | 525 | MBh | 18.3 | 18.5 | 19.1 | 19.9 | 18.1 | 18.4 | 18.9 | 19.7 | 17.6 | 17.9 | 18.4 | 19.3 | 16.8 | 17.1 | 17.6 | 18.4 | 15.8 | 16.1 | 16.6 | 17.4 | 14.9 | 15.1 | 15.7 | 16.5 |
| | | S/T | 0.65 | 0.58 | 0.46 | 0.3 | 0.65 | 0.58 | 0.46 | 0.3 | 0.68 | 0.61 | 0.48 | 0.4 | 0.69 | 0.62 | 0.50 | 0.4 | 0.71 | 0.64 | 0.52 | 0.4 | 1.00 | 0.69 | 0.57 | 0.4 |
| | | ΔT | 28 | 26 | 22 | 18 | 28 | 26 | 22 | 18 | 28 | 26 | 22 | 18 | 28 | 26 | 22 | 18 | 28 | 26 | 22 | 18 | 29 | 27 | 23 | 19 |
| | | kW | 1.19 | 1.19 | 1.18 | 1.2 | 1.31 | 1.31 | 1.31 | 1.3 | 1.46 | 1.46 | 1.45 | 1.5 | 1.61 | 1.61 | 1.61 | 1.6 | 1.79 | 1.78 | 1.78 | 1.8 | 1.99 | 1.99 | 1.99 | 2.0 |
| | | Amps | 4.2 | 4.2 | 4.2 | 4.2 | 4.8 | 4.8 | 4.8 | 4.8 | 5.4 | 5.4 | 5.4 | 5.5 | 6.1 | 6.1 | 6.1 | 6.2 | 6.9 | 6.9 | 6.9 | 7.0 | 7.9 | 7.9 | 7.8 | 7.9 |
| | 625 | MBh | 18.6 | 18.8 | 19.4 | 20.2 | 18.4 | 18.7 | 19.2 | 20.0 | 17.9 | 18.2 | 18.7 | 19.6 | 17.1 | **17.4** | 17.9 | 18.7 | 16.1 | 16.4 | 16.9 | 17.7 | 15.2 | 15.4 | 16.0 | 16.8 |
| | | S/T | 0.72 | 0.65 | 0.53 | 0.4 | 0.73 | 0.66 | 0.54 | 0.4 | 0.75 | 0.68 | 0.56 | 0.4 | 0.77 | **0.70** | 0.58 | 0.4 | 1.00 | 0.72 | 0.60 | 0.5 | 1.00 | 0.77 | 0.64 | 0.5 |
| | | ΔT | 26 | 24 | 20 | 16 | 26 | 24 | 20 | 16 | 27 | 25 | 21 | 16 | 26 | **24** | 20 | 16 | 26 | 24 | 20 | 16 | 27 | 25 | 21 | 17 |
| | | kW | 1.20 | 1.19 | 1.19 | 1.20 | 1.32 | 1.32 | 1.32 | 1.33 | 1.47 | 1.47 | 1.46 | 1.47 | 1.62 | **1.62** | 1.62 | 1.63 | 1.79 | 1.79 | 1.79 | 1.80 | 2.00 | 2.00 | 1.99 | 2.00 |
| | | Amps | 4.2 | 4.2 | 4.2 | 4.3 | 4.8 | 4.8 | 4.8 | 4.8 | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | **6.2** | 6.2 | 6.2 | 7.0 | 7.0 | 7.0 | 7.0 | 7.9 | 7.9 | 7.9 | 7.9 |
| | 675 | MBh | 18.7 | 19.0 | 19.5 | 20.4 | 18.6 | 18.8 | 19.4 | 20.2 | 18.1 | 18.4 | 18.9 | 19.7 | 17.3 | **17.5** | 18.1 | 18.9 | 16.3 | 16.5 | 17.1 | 17.9 | 15.4 | 15.6 | 16.2 | 17.0 |
| | | S/T | 0.74 | 0.68 | 0.55 | 0.4 | 0.75 | 0.68 | 0.56 | 0.4 | 0.77 | 0.70 | 0.58 | 0.5 | 0.79 | **0.72** | 0.60 | 0.5 | 1.00 | 0.74 | 0.62 | 0.5 | 1.00 | 0.79 | 0.67 | 0.5 |
| | | ΔT | 26 | 24 | 20 | 16 | 26 | 24 | 20 | 15 | 26 | 24 | 20 | 16 | 26 | **24** | 20 | 15 | 25 | 23 | 19 | 15 | 27 | 25 | 21 | 16 |
| | | kW | 1.20 | 1.20 | 1.20 | 1.2 | 1.33 | 1.33 | 1.32 | 1.3 | 1.47 | 1.47 | 1.47 | 1.5 | 1.62 | **1.62** | 1.62 | 1.6 | 1.80 | 1.80 | 1.79 | 1.8 | 2.00 | 2.00 | 2.00 | 2.0 |
| | | Amps | 4.2 | 4.2 | 4.2 | 4.3 | 4.8 | 4.8 | 4.8 | 4.9 | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | **6.2** | 6.2 | 6.2 | 7.0 | 7.0 | 7.0 | 7.0 | 7.9 | 7.9 | 7.9 | 7.9 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | 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 | 525 | MBh | 18.4 | 18.6 | 19.2 | 20.0 | 18.2 | 18.5 | 19.0 | 19.8 | 17.7 | 18.0 | 18.5 | 19.4 | 16.9 | 17.2 | 17.7 | 18.5 | 15.9 | 16.1 | 16.7 | 17.5 | 15.0 | 15.2 | 15.8 | 16.6 |
| | | S/T | 0.76 | 0.69 | 0.57 | 0.4 | 0.77 | 0.70 | 0.58 | 0.4 | 0.79 | 0.72 | 0.60 | 0.5 | 1.00 | 0.74 | 0.62 | 0.5 | 1.00 | 0.76 | 0.64 | 0.5 | 1.00 | 0.81 | 0.68 | 0.6 |
| | | ΔT | 33 | 31 | 27 | 23 | 33 | 31 | 27 | 23 | 33 | 31 | 27 | 23 | 33 | 31 | 27 | 23 | 33 | 30 | 26 | 22 | 34 | 32 | 28 | 24 |
| | | kW | 1.19 | 1.19 | 1.18 | 1.2 | 1.32 | 1.31 | 1.31 | 1.3 | 1.46 | 1.46 | 1.46 | 1.5 | 1.61 | 1.61 | 1.61 | 1.6 | 1.79 | 1.79 | 1.78 | 1.8 | 1.99 | 1.99 | 1.99 | 2.0 |
| | | Amps | 4.2 | 4.2 | 4.2 | 4.2 | 4.8 | 4.8 | 4.8 | 4.8 | 5.4 | 5.4 | 5.4 | 5.5 | 6.1 | 6.1 | 6.1 | 6.2 | 6.9 | 6.9 | 6.9 | 7.0 | 7.9 | 7.9 | 7.8 | 7.9 |
| | 625 | MBh | 18.7 | 18.9 | 19.5 | 20.3 | 18.5 | 18.8 | 19.3 | 20.1 | 18.0 | 18.3 | 18.8 | 19.7 | 17.2 | 17.5 | **18.0** | 18.8 | 16.2 | 16.4 | 17.0 | 17.8 | 15.3 | 15.5 | 16.1 | 16.9 |
| | | S/T | 0.84 | 0.77 | 0.64 | 0.5 | 0.84 | 0.77 | 0.65 | 0.5 | 1.00 | 0.80 | 0.67 | 0.5 | 1.00 | 0.81 | **0.69** | 0.6 | 1.00 | 0.83 | 0.71 | 0.6 | 1.00 | 0.88 | 0.76 | 0.6 |
| | | ΔT | 31 | 29 | 25 | 21 | 31 | 29 | 25 | 21 | 31 | 29 | 25 | 21 | 31 | 29 | **25** | 21 | 31 | 29 | 25 | 21 | 32 | 30 | 26 | 22 |
| | | kW | 1.20 | 1.19 | 1.19 | 1.20 | 1.32 | 1.32 | 1.32 | 1.33 | 1.47 | 1.47 | 1.46 | 1.47 | 1.62 | 1.62 | **1.62** | 1.63 | 1.79 | 1.79 | 1.79 | 1.80 | 2.00 | 2.00 | 1.99 | 2.00 |
| | | Amps | 4.2 | 4.2 | 4.2 | 4.3 | 4.8 | 4.8 | 4.8 | 4.8 | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | 6.2 | **6.2** | 6.2 | 7.0 | 7.0 | 7.0 | 7.0 | 7.9 | 7.9 | 7.9 | 7.9 |
| | 675 | MBh | 18.8 | 19.1 | 19.6 | 20.5 | 18.7 | 18.9 | 19.5 | 20.3 | 18.2 | 18.5 | 19.0 | 19.8 | 17.4 | 17.6 | 18.2 | 19.0 | 16.4 | 16.6 | 17.2 | 18.0 | 15.4 | 15.7 | 16.3 | 17.1 |
| | | S/T | 0.86 | 0.79 | 0.67 | 0.5 | 0.86 | 0.80 | 0.67 | 0.5 | 1.00 | 0.82 | 0.69 | 0.6 | 1.00 | 0.84 | 0.71 | 0.6 | 1.00 | 0.86 | 0.73 | 0.6 | 1.00 | 0.90 | 0.78 | 0.6 |
| | | ΔT | 30 | 28 | 24 | 20 | 30 | 28 | 24 | 20 | 31 | 29 | 25 | 20 | 30 | 28 | 24 | 20 | 30 | 28 | 24 | 20 | 31 | 29 | 25 | 21 |
| | | kW | 1.20 | 1.20 | 1.20 | 1.2 | 1.33 | 1.33 | 1.32 | 1.3 | 1.47 | 1.47 | 1.47 | 1.5 | 1.63 | 1.62 | 1.62 | 1.6 | 1.80 | 1.80 | 1.80 | 1.8 | 2.00 | 2.00 | 2.00 | 2.0 |
| | | Amps | 4.2 | 4.2 | 4.2 | 4.3 | 4.8 | 4.8 | 4.8 | 4.9 | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | 6.2 | 6.2 | 6.2 | 7.0 | 7.0 | 7.0 | 7.0 | 7.9 | 7.9 | 7.9 | 7.9 |
| 85 | 525 | MBh | 18.7 | 18.9 | 19.5 | 20.3 | 18.5 | 18.8 | 19.3 | 20.1 | 18.0 | 18.3 | 18.8 | 19.7 | 17.2 | **17.5** | 18.0 | 18.8 | 16.2 | 16.5 | 17.0 | 17.8 | 15.3 | 15.5 | 16.1 | 16.9 |
| | | S/T | 1.00 | 0.78 | 0.66 | 0.5 | 1.00 | 0.79 | 0.67 | 0.5 | 1.00 | 0.81 | 0.69 | 0.6 | 1.00 | **0.83** | 0.71 | 0.6 | 1.00 | 0.85 | 0.73 | 0.6 | 1.00 | 1.00 | 0.77 | 0.6 |
| | | ΔT | 37 | 35 | 31 | 27 | 37 | 35 | 31 | 27 | 37 | 35 | 31 | 27 | 37 | **35** | 31 | 27 | 37 | 35 | 31 | 26 | 38 | 36 | 32 | 28 |
| | | kW | 1.19 | 1.19 | 1.19 | 1.2 | 1.32 | 1.32 | 1.31 | 1.3 | 1.46 | 1.46 | 1.46 | 1.5 | 1.62 | **1.61** | 1.61 | 1.6 | 1.79 | 1.79 | 1.79 | 1.8 | 1.99 | 1.99 | 1.99 | 2.0 |
| | | Amps | 4.2 | 4.2 | 4.2 | 4.2 | 4.8 | 4.8 | 4.8 | 4.8 | 5.4 | 5.4 | 5.4 | 5.5 | 6.2 | **6.1** | 6.1 | 6.2 | 6.9 | 6.9 | 6.9 | 7.0 | 7.9 | 7.9 | 7.9 | 7.9 |
| | 625 | MBh | 19.0 | 19.2 | 19.8 | 20.6 | 18.8 | 19.1 | 19.6 | 20.4 | 18.3 | 18.6 | 19.1 | 20.0 | 17.5 | 17.8 | 18.3 | 19.1 | 16.5 | 16.8 | 17.3 | 18.1 | 15.6 | 15.8 | 16.4 | 17.2 |
| | | S/T | 1.00 | 0.86 | 0.74 | 0.6 | 1.00 | 0.87 | 0.74 | 0.6 | 1.00 | 0.89 | 0.76 | 0.6 | 1.00 | 0.91 | 0.78 | 0.7 | 1.00 | 1.00 | 0.80 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 |
| | | ΔT | 35 | 33 | 29 | 25 | 35 | 33 | 29 | 25 | 36 | 34 | 30 | 25 | 35 | 33 | 29 | 25 | 35 | 33 | 29 | 25 | 36 | 34 | 30 | 26 |
| | | kW | 1.20 | 1.20 | 1.20 | 1.20 | 1.33 | 1.33 | 1.32 | 1.33 | 1.47 | 1.47 | 1.47 | 1.48 | 1.62 | 1.62 | 1.62 | 1.63 | 1.80 | 1.80 | 1.79 | 1.80 | 2.00 | 2.00 | 2.00 | 2.01 |
| | | Amps | 4.2 | 4.2 | 4.2 | 4.3 | 4.8 | 4.8 | 4.8 | 4.9 | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | 6.2 | 6.2 | 6.2 | 7.0 | 7.0 | 7.0 | 7.0 | 7.9 | 7.9 | 7.9 | 7.9 |
| | 675 | MBh | 19.1 | 19.4 | 20.0 | 20.8 | 19.0 | 19.2 | 19.8 | 20.6 | 18.5 | 18.8 | 19.3 | 20.1 | 17.7 | **17.9** | 18.5 | 19.3 | 16.7 | 16.9 | 17.5 | 18.3 | 15.8 | 16.0 | 16.6 | 17.4 |
| | | S/T | 1.00 | 0.88 | 0.76 | 0.6 | 1.00 | 0.89 | 0.76 | 0.6 | 1.00 | 0.91 | 0.79 | 0.7 | 1.00 | **0.93** | 0.80 | 0.7 | 1.00 | 1.00 | 0.82 | 0.7 | 1.00 | 1.00 | 0.87 | 0.7 |
| | | ΔT | 35 | 33 | 29 | 24 | 35 | 32 | 29 | 24 | 35 | 33 | 29 | 25 | 35 | **32** | 28 | 24 | 34 | 32 | 28 | 24 | 36 | 34 | 30 | 25 |
| | | kW | 1.20 | 1.20 | 1.20 | 1.2 | 1.33 | 1.33 | 1.33 | 1.3 | 1.47 | 1.47 | 1.47 | 1.5 | 1.63 | **1.63** | 1.62 | 1.6 | 1.80 | 1.80 | 1.80 | 1.8 | 2.00 | 2.00 | 2.00 | 2.0 |
| | | Amps | 4.3 | 4.3 | 4.2 | 4.3 | 4.8 | 4.8 | 4.8 | 4.9 | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 | **6.2** | 6.2 | 6.2 | 7.0 | 7.0 | 7.0 | 7.0 | 7.9 | 7.9 | 7.9 | 8.0 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | 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 | 23.7 | 24.0 | 24.7 | - | 23.5 | 23.8 | 24.5 | - | 22.9 | 23.2 | 23.9 | - | 21.8 | 22.2 | 22.9 | - | 20.6 | 20.9 | 21.6 | - | 19.4 | 19.7 | 20.4 | - |
| | | S/T | 0.63 | 0.56 | 0.43 | - | 0.64 | 0.57 | 0.44 | - | 0.66 | 0.59 | 0.46 | - | 0.68 | 0.61 | 0.48 | - | 0.70 | 0.63 | 0.50 | - | 0.75 | 0.68 | 0.55 | - |
| | | ΔT | 21 | 19 | 15 | - | 21 | 19 | 15 | - | 21 | 19 | 15 | - | 21 | 19 | 15 | - | 20 | 18 | 15 | - | 22 | 20 | 16 | - |
| | | kW | 1.50 | 1.50 | 1.50 | - | 1.67 | 1.67 | 1.67 | - | 1.87 | 1.86 | 1.86 | - | 2.07 | 2.07 | 2.07 | - | 2.31 | 2.30 | 2.30 | - | 2.58 | 2.58 | 2.57 | - |
| | | Amps | 5.5 | 5.5 | 5.4 | - | 6.2 | 6.2 | 6.2 | - | 7.1 | 7.1 | 7.1 | - | 8.1 | 8.1 | 8.1 | - | 9.1 | 9.1 | 9.1 | - | 10.4 | 10.4 | 10.4 | - |
| | 800 | MBh | 24.1 | 24.5 | 25.2 | - | 23.9 | 24.3 | 25.0 | - | 23.3 | 23.6 | 24.3 | - | 22.3 | 22.6 | 23.3 | - | 21.0 | 21.3 | 22.0 | - | 19.8 | 20.1 | 20.8 | - |
| | | S/T | 0.67 | 0.59 | 0.47 | - | 0.67 | 0.60 | 0.47 | - | 0.70 | 0.62 | 0.50 | - | 0.71 | 0.64 | 0.51 | - | 0.74 | 0.66 | 0.53 | - | 1.00 | 0.71 | 0.58 | - |
| | | ΔT | 20 | 18 | 14 | - | 20 | 17 | 14 | - | 20 | 18 | 14 | - | 20 | 17 | 14 | - | 19 | 17 | 13 | - | 21 | 18 | 15 | - |
| | | kW | 1.51 | 1.51 | 1.51 | - | 1.68 | 1.68 | 1.68 | - | 1.87 | 1.87 | 1.87 | - | 2.08 | 2.08 | 2.08 | - | 2.31 | 2.31 | 2.31 | - | 2.59 | 2.59 | 2.58 | - |
| | | Amps | 5.5 | 5.5 | 5.5 | - | 6.3 | 6.3 | 6.3 | - | 7.2 | 7.2 | 7.1 | - | 8.1 | 8.1 | 8.1 | - | 9.2 | 9.2 | 9.2 | - | 10.4 | 10.4 | 10.4 | - |
| | 900 | MBh | 24.7 | 25.0 | 25.7 | - | 24.5 | 24.8 | 25.5 | - | 23.8 | 24.2 | 24.9 | - | 22.8 | 23.1 | 23.8 | - | 21.5 | 21.8 | 22.5 | - | 20.3 | 20.7 | 21.4 | - |
| | | S/T | 0.67 | 0.60 | 0.47 | - | 0.68 | 0.61 | 0.48 | - | 0.70 | 0.63 | 0.50 | - | 0.72 | 0.65 | 0.52 | - | 0.74 | 0.67 | 0.54 | - | 1.00 | 0.72 | 0.59 | - |
| | | ΔT | 19 | 17 | 13 | - | 18 | 16 | 13 | - | 19 | 17 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 19 | 17 | 14 | - |
| | | kW | 1.52 | 1.52 | 1.51 | - | 1.69 | 1.69 | 1.69 | - | 1.88 | 1.88 | 1.88 | - | 2.09 | 2.09 | 2.09 | - | 2.32 | 2.32 | 2.32 | - | 2.59 | 2.59 | 2.59 | - |
| | | Amps | 5.5 | 5.5 | 5.5 | - | 6.3 | 6.3 | 6.3 | - | 7.2 | 7.2 | 7.2 | - | 8.1 | 8.1 | 8.1 | - | 9.2 | 9.2 | 9.2 | - | 10.5 | 10.5 | 10.4 | - |
| 75 | 700 | MBh | 23.7 | 24.1 | 24.8 | 25.8 | 23.5 | 23.8 | 24.5 | 25.6 | 22.9 | 23.2 | 23.9 | 25.0 | 21.8 | **22.2** | 22.9 | 23.9 | 20.6 | 20.9 | 21.6 | 22.7 | 19.4 | 19.7 | 20.4 | 21.5 |
| | | S/T | 0.75 | 0.68 | 0.55 | 0.4 | 0.76 | 0.69 | 0.56 | 0.4 | 0.78 | 0.71 | 0.58 | 0.4 | 0.80 | **0.73** | 0.60 | 0.5 | 1.00 | 0.75 | 0.62 | 0.5 | 1.00 | 0.80 | 0.67 | 0.5 |
| | | ΔT | 25 | 23 | 19 | 15 | 25 | 23 | 19 | 15 | 25 | 23 | 20 | 16 | 25 | **23** | 19 | 15 | 25 | 23 | 19 | 15 | 26 | 24 | 20 | 16 |
| | | kW | 1.50 | 1.50 | 1.50 | 1.5 | 1.67 | 1.67 | 1.67 | 1.7 | 1.86 | 1.86 | 1.86 | 1.9 | 2.07 | **2.07** | 2.07 | 2.1 | 2.30 | 2.30 | 2.30 | 2.3 | 2.58 | 2.58 | 2.57 | 2.6 |
| | | Amps | 5.5 | 5.4 | 5.4 | 5.5 | 6.2 | 6.2 | 6.2 | 6.3 | 7.1 | 7.1 | 7.1 | 7.2 | 8.1 | **8.1** | 8.1 | 8.1 | 9.1 | 9.1 | 9.1 | 9.2 | 10.4 | 10.4 | 10.4 | 10.4 |
| | 800 | MBh | 24.1 | 24.5 | 25.2 | 26.2 | 23.9 | 24.3 | 25.0 | 26.0 | 23.3 | 23.7 | 24.4 | 25.4 | 22.3 | 22.6 | 23.3 | 24.4 | 21.0 | 21.3 | 22.0 | 23.1 | 19.8 | 20.1 | 20.8 | 21.9 |
| | | S/T | 0.79 | 0.72 | 0.59 | 0.5 | 0.79 | 0.72 | 0.59 | 0.5 | 0.82 | 0.75 | 0.62 | 0.5 | 1.00 | 0.76 | 0.64 | 0.5 | 1.00 | 0.79 | 0.66 | 0.5 | 1.00 | 0.83 | 0.71 | 0.6 |
| | | ΔT | 24 | 22 | 18 | 14 | 24 | 22 | 18 | 14 | 24 | 22 | 18 | 15 | 24 | 22 | 18 | 14 | 24 | 22 | 18 | 14 | 25 | 23 | 19 | 15 |
| | | kW | 1.51 | 1.51 | 1.50 | 1.52 | 1.68 | 1.68 | 1.68 | 1.69 | 1.87 | 1.87 | 1.87 | 1.88 | 2.08 | 2.08 | 2.08 | 2.09 | 2.31 | 2.31 | 2.31 | 2.32 | 2.59 | 2.58 | 2.58 | 2.59 |
| | | Amps | 5.5 | 5.5 | 5.5 | 5.5 | 6.3 | 6.3 | 6.3 | 6.3 | 7.2 | 7.2 | 7.1 | 7.2 | 8.1 | 8.1 | 8.1 | 8.2 | 9.2 | 9.2 | 9.2 | 9.2 | 10.4 | 10.4 | 10.4 | 10.5 |
| | 900 | MBh | 24.7 | 25.0 | 25.7 | 26.8 | 24.5 | 24.8 | 25.5 | 26.6 | 23.9 | 24.2 | 24.9 | 26.0 | 22.8 | 23.1 | 23.8 | 24.9 | 21.5 | 21.8 | 22.5 | 23.6 | 20.3 | 20.7 | 21.4 | 22.4 |
| | | S/T | 0.80 | 0.72 | 0.60 | 0.5 | 0.80 | 0.73 | 0.60 | 0.5 | 0.83 | 0.75 | 0.63 | 0.5 | 1.00 | 0.77 | 0.64 | 0.5 | 1.00 | 0.79 | 0.66 | 0.5 | 1.00 | 0.84 | 0.71 | 0.6 |
| | | ΔT | 23 | 21 | 17 | 13 | 23 | 21 | 17 | 13 | 23 | 21 | 17 | 13 | 23 | 21 | 17 | 13 | 23 | 21 | 17 | 13 | 24 | 22 | 18 | 14 |
| | | kW | 1.52 | 1.52 | 1.51 | 1.5 | 1.69 | 1.69 | 1.68 | 1.7 | 1.88 | 1.88 | 1.88 | 1.9 | 2.09 | 2.09 | 2.08 | 2.1 | 2.32 | 2.32 | 2.32 | 2.3 | 2.59 | 2.59 | 2.59 | 2.6 |
| | | Amps | 5.5 | 5.5 | 5.5 | 5.6 | 6.3 | 6.3 | 6.3 | 6.4 | 7.2 | 7.2 | 7.2 | 7.2 | 8.1 | 8.1 | 8.1 | 8.2 | 9.2 | 9.2 | 9.2 | 9.2 | 10.5 | 10.4 | 10.4 | 10.5 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | 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 | 23.8 | 24.2 | 24.9 | 25.9 | 23.6 | 24.0 | 24.7 | 25.7 | 23.0 | 23.4 | 24.1 | 25.1 | 22.0 | 22.3 | **23.0** | 24.1 | 20.7 | 21.0 | 21.7 | 22.8 | 19.5 | 19.8 | 20.5 | 21.6 |
| | | S/T | 0.87 | 0.80 | 0.67 | 0.5 | 0.88 | 0.81 | 0.68 | 0.5 | 1.00 | 0.83 | 0.70 | 0.6 | 1.00 | 0.85 | **0.72** | 0.6 | 1.00 | 0.87 | 0.74 | 0.6 | 1.00 | 0.92 | 0.79 | 0.7 |
| | | ΔT | 30 | 28 | 24 | 20 | 30 | 28 | 24 | 20 | 30 | 28 | 24 | 20 | 30 | 28 | **24** | 20 | 29 | 27 | 24 | 20 | 31 | 29 | 25 | 21 |
| | | kW | 1.50 | 1.50 | 1.50 | 1.5 | 1.67 | 1.67 | 1.67 | 1.7 | 1.87 | 1.86 | 1.86 | 1.9 | 2.07 | 2.07 | **2.07** | 2.1 | 2.31 | 2.30 | 2.30 | 2.3 | 2.58 | 2.58 | 2.57 | 2.6 |
| | | Amps | 5.5 | 5.5 | 5.4 | 5.5 | 6.2 | 6.2 | 6.2 | 6.3 | 7.1 | 7.1 | 7.1 | 7.2 | 8.1 | 8.1 | **8.1** | 8.1 | 9.1 | 9.1 | 9.1 | 9.2 | 10.4 | 10.4 | 10.4 | 10.4 |
| | 800 | MBh | 24.3 | 24.6 | 25.3 | 26.4 | 24.1 | 24.4 | 25.1 | 26.2 | 23.4 | 23.8 | 24.5 | 25.5 | 22.4 | 22.7 | 23.4 | 24.5 | 21.1 | 21.4 | 22.1 | 23.2 | 19.9 | 20.3 | 21.0 | 22.0 |
| | | S/T | 0.91 | 0.84 | 0.71 | 0.6 | 1.00 | 0.84 | 0.71 | 0.6 | 1.00 | 0.87 | 0.74 | 0.6 | 1.00 | 0.88 | 0.76 | 0.6 | 1.00 | 0.90 | 0.78 | 0.6 | 1.00 | 1.00 | 0.82 | 0.7 |
| | | ΔT | 29 | 27 | 23 | 19 | 28 | 26 | 23 | 19 | 29 | 27 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 22 | 18 | 29 | 27 | 24 | 20 |
| | | kW | 1.51 | 1.51 | 1.51 | 1.52 | 1.68 | 1.68 | 1.68 | 1.69 | 1.87 | 1.87 | 1.87 | 1.88 | 2.08 | 2.08 | 2.08 | 2.09 | 2.31 | 2.31 | 2.31 | 2.32 | 2.59 | 2.59 | 2.58 | 2.60 |
| | | Amps | 5.5 | 5.5 | 5.5 | 5.5 | 6.3 | 6.3 | 6.3 | 6.3 | 7.2 | 7.2 | 7.1 | 7.2 | 8.1 | 8.1 | 8.1 | 8.2 | 9.2 | 9.2 | 9.2 | 9.2 | 10.4 | 10.4 | 10.4 | 10.5 |
| | 900 | MBh | 24.8 | 25.1 | 25.8 | 26.9 | 24.6 | 24.9 | 25.6 | 26.7 | 24.0 | 24.3 | 25.0 | 26.1 | 22.9 | 23.3 | 24.0 | 25.0 | 21.6 | 22.0 | 22.7 | 23.7 | 20.5 | 20.8 | 21.5 | 22.6 |
| | | S/T | 0.92 | 0.84 | 0.71 | 0.6 | 1.00 | 0.85 | 0.72 | 0.6 | 1.00 | 0.87 | 0.74 | 0.6 | 1.00 | 0.89 | 0.76 | 0.6 | 1.00 | 0.91 | 0.78 | 0.6 | 1.00 | 1.00 | 0.83 | 0.7 |
| | | ΔT | 28 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 28 | 26 | 22 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | 21 | 17 | 28 | 26 | 23 | 19 |
| | | kW | 1.52 | 1.52 | 1.51 | 1.5 | 1.69 | 1.69 | 1.69 | 1.7 | 1.88 | 1.88 | 1.88 | 1.9 | 2.09 | 2.09 | 2.08 | 2.1 | 2.32 | 2.32 | 2.32 | 2.3 | 2.59 | 2.59 | 2.59 | 2.6 |
| | | Amps | 5.5 | 5.5 | 5.5 | 5.6 | 6.3 | 6.3 | 6.3 | 6.4 | 7.2 | 7.2 | 7.2 | 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 |
| 85 | 700 | MBh | 24.2 | 24.6 | 25.3 | 26.3 | 24.0 | 24.4 | 25.1 | 26.1 | 23.4 | 23.7 | 24.4 | 25.5 | 22.4 | **22.7** | 23.4 | 24.5 | 21.1 | 21.4 | 22.1 | 23.2 | 19.9 | 20.2 | 20.9 | 22.0 |
| | | S/T | 1.00 | 0.90 | 0.77 | 0.6 | 1.00 | 0.90 | 0.77 | 0.6 | 1.00 | 0.93 | 0.80 | 0.7 | 1.00 | **0.94** | 0.82 | 0.7 | 1.00 | 1.00 | 0.84 | 0.7 | 1.00 | 1.00 | 0.89 | 0.8 |
| | | ΔT | 34 | 32 | 28 | 24 | 34 | 32 | 28 | 24 | 34 | 32 | 28 | 24 | 34 | **32** | 28 | 24 | 33 | 31 | 28 | 24 | 35 | 33 | 29 | 25 |
| | | kW | 1.50 | 1.50 | 1.50 | 1.5 | 1.68 | 1.68 | 1.67 | 1.7 | 1.87 | 1.87 | 1.86 | 1.9 | 2.08 | **2.08** | 2.07 | 2.1 | 2.31 | 2.31 | 2.30 | 2.3 | 2.58 | 2.58 | 2.58 | 2.6 |
| | | Amps | 5.5 | 5.5 | 5.5 | 5.5 | 6.3 | 6.3 | 6.2 | 6.3 | 7.1 | 7.1 | 7.1 | 7.2 | 8.1 | **8.1** | 8.1 | 8.1 | 9.2 | 9.1 | 9.1 | 9.2 | 10.4 | 10.4 | 10.4 | 10.4 |
| | 800 | MBh | 24.7 | 25.0 | 25.7 | 26.8 | 24.5 | 24.8 | 25.5 | 26.6 | 23.8 | 24.2 | 24.9 | 25.9 | 22.8 | 23.1 | 23.8 | 24.9 | 21.5 | 21.8 | 22.5 | 23.6 | 20.3 | 20.7 | 21.4 | 22.4 |
| | | S/T | 1.00 | 0.93 | 0.80 | 0.7 | 1.00 | 0.94 | 0.81 | 0.7 | 1.00 | 0.96 | 0.83 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 | 1.00 | 1.00 | 0.87 | 0.7 | 1.00 | 1.00 | 0.92 | 0.8 |
| | | ΔT | 33 | 31 | 27 | 23 | 32 | 30 | 27 | 23 | 33 | 31 | 27 | 23 | 32 | 30 | 27 | 23 | 32 | 30 | 26 | 22 | 33 | 31 | 28 | 24 |
| | | kW | 1.51 | 1.51 | 1.51 | 1.52 | 1.69 | 1.68 | 1.68 | 1.69 | 1.88 | 1.88 | 1.87 | 1.89 | 2.09 | 2.08 | 2.08 | 2.09 | 2.32 | 2.32 | 2.31 | 2.33 | 2.59 | 2.59 | 2.59 | 2.60 |
| | | Amps | 5.5 | 5.5 | 5.5 | 5.6 | 6.3 | 6.3 | 6.3 | 6.3 | 7.2 | 7.2 | 7.2 | 7.2 | 8.1 | 8.1 | 8.1 | 8.2 | 9.2 | 9.2 | 9.2 | 9.2 | 10.4 | 10.4 | 10.4 | 10.4 |
| | 900 | MBh | 25.2 | 25.5 | 26.2 | 27.3 | 25.0 | 25.3 | 26.0 | 27.1 | 24.4 | 24.7 | 25.4 | 26.5 | 23.3 | **23.6** | 24.3 | 25.4 | 22.0 | 22.4 | 23.1 | 24.1 | 20.9 | 21.2 | 21.9 | 23.0 |
| | | S/T | 1.00 | 0.94 | 0.81 | 0.7 | 1.00 | 0.94 | 0.82 | 0.7 | 1.00 | 0.97 | 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 |
| | | ΔT | 32 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 32 | 30 | 26 | 22 | 31 | **29** | 26 | 22 | 31 | 29 | 25 | 21 | 32 | 30 | 27 | 23 |
| | | kW | 1.52 | 1.52 | 1.52 | 1.5 | 1.69 | 1.69 | 1.69 | 1.7 | 1.88 | 1.88 | 1.88 | 1.9 | 2.09 | **2.09** | 2.09 | 2.1 | 2.32 | 2.32 | 2.32 | 2.3 | 2.60 | 2.60 | 2.59 | 2.6 |
| | | Amps | 5.5 | 5.5 | 5.5 | 5.6 | 6.3 | 6.3 | 6.3 | 6.4 | 7.2 | 7.2 | 7.2 | 7.3 | 8.2 | **8.2** | 8.1 | 8.2 | 9.2 | 9.2 | 9.2 | 9.3 | 10.5 | 10.5 | 10.5 | 10.5 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | 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 | 875 | MBh | 29.2 | 29.6 | 30.5 | - | 29.0 | 29.4 | 30.2 | - | 28.2 | 28.6 | 29.5 | - | 26.9 | 27.3 | 28.2 | - | 25.3 | 25.7 | 26.6 | - | 23.8 | 24.3 | 25.1 | - |
| | | S/T | 0.62 | 0.54 | 0.41 | - | 0.62 | 0.55 | 0.42 | - | 0.65 | 0.57 | 0.44 | - | 0.67 | 0.59 | 0.46 | - | 0.69 | 0.61 | 0.48 | - | 0.74 | 0.66 | 0.53 | - |
| | | ΔT | 20 | 19 | 15 | - | 20 | 19 | 15 | - | 21 | 19 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 21 | 19 | 16 | - |
| | | kW | 1.82 | 1.82 | 1.82 | - | 2.05 | 2.05 | 2.04 | - | 2.30 | 2.30 | 2.29 | - | 2.57 | 2.57 | 2.57 | - | 2.88 | 2.88 | 2.87 | - | 3.23 | 3.23 | 3.23 | - |
| | | Amps | 6.9 | 6.9 | 6.9 | - | 8.0 | 8.0 | 7.9 | - | 9.1 | 9.1 | 9.1 | - | 10.4 | 10.4 | 10.3 | - | 11.8 | 11.7 | 11.7 | - | 13.4 | 13.4 | 13.4 | - |
| | 950 | MBh | 29.5 | 29.9 | 30.8 | - | 29.2 | 29.6 | 30.5 | - | 28.5 | 28.9 | 29.7 | - | 27.2 | 27.6 | 28.4 | - | 25.6 | 26.0 | 26.8 | - | 24.1 | 24.5 | 25.4 | - |
| | | S/T | 0.65 | 0.58 | 0.44 | - | 0.66 | 0.58 | 0.45 | - | 0.68 | 0.61 | 0.47 | - | 0.70 | 0.62 | 0.49 | - | 0.72 | 0.65 | 0.51 | - | 0.77 | 0.70 | 0.56 | - |
| | | ΔT | 20 | 18 | 14 | - | 20 | 18 | 14 | - | 20 | 18 | 14 | - | 20 | 18 | 14 | - | 19 | 18 | 14 | - | 21 | 19 | 15 | - |
| | | kW | 1.83 | 1.83 | 1.82 | - | 2.06 | 2.05 | 2.05 | - | 2.31 | 2.31 | 2.30 | - | 2.58 | 2.58 | 2.57 | - | 2.88 | 2.88 | 2.88 | - | 3.24 | 3.24 | 3.24 | - |
| | | Amps | 7.0 | 7.0 | 6.9 | - | 8.0 | 8.0 | 8.0 | - | 9.1 | 9.1 | 9.1 | - | 10.4 | 10.4 | 10.4 | - | 11.8 | 11.8 | 11.8 | - | 13.4 | 13.4 | 13.4 | - |
| | 1125 | MBh | 30.2 | 30.6 | 31.5 | - | 29.9 | 30.3 | 31.2 | - | 29.2 | 29.6 | 30.4 | - | 27.9 | 28.3 | 29.1 | - | 26.3 | 26.7 | 27.5 | - | 24.8 | 25.2 | 26.1 | - |
| | | S/T | 0.69 | 0.62 | 0.48 | - | 0.70 | 0.62 | 0.49 | - | 0.72 | 0.65 | 0.51 | - | 0.74 | 0.67 | 0.53 | - | 0.76 | 0.69 | 0.55 | - | 1.00 | 0.74 | 0.60 | - |
| | | ΔT | 18 | 16 | 13 | - | 18 | 16 | 13 | - | 19 | 17 | 13 | - | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 19 | 17 | 14 | - |
| | | kW | 1.84 | 1.84 | 1.84 | - | 2.07 | 2.07 | 2.06 | - | 2.32 | 2.32 | 2.32 | - | 2.59 | 2.59 | 2.59 | - | 2.90 | 2.90 | 2.89 | - | 3.26 | 3.25 | 3.25 | - |
| | | Amps | 7.0 | 7.0 | 7.0 | - | 8.1 | 8.1 | 8.0 | - | 9.2 | 9.2 | 9.2 | - | 10.5 | 10.4 | 10.4 | - | 11.8 | 11.8 | 11.8 | - | 13.5 | 13.5 | 13.5 | - |
| 75 | 875 | MBh | 29.2 | 29.7 | 30.5 | 31.9 | 29.0 | 29.4 | 30.3 | 31.6 | 28.2 | 28.6 | 29.5 | 30.8 | 26.9 | 27.3 | 28.2 | 29.5 | 25.3 | 25.7 | 26.6 | 27.9 | 23.9 | 24.3 | 25.1 | 26.5 |
| | | S/T | 0.74 | 0.67 | 0.54 | 0.4 | 0.75 | 0.67 | 0.54 | 0.4 | 0.77 | 0.70 | 0.57 | 0.4 | 0.79 | 0.72 | 0.58 | 0.4 | 1.00 | 0.74 | 0.61 | 0.5 | 1.00 | 0.79 | 0.66 | 0.5 |
| | | ΔT | 25 | 23 | 19 | 15 | 25 | 23 | 19 | 15 | 25 | 23 | 19 | 16 | 25 | 23 | 19 | 15 | 24 | 22 | 19 | 15 | 26 | 24 | 20 | 16 |
| | | kW | 1.82 | 1.82 | 1.82 | 1.8 | 2.05 | 2.05 | 2.04 | 2.1 | 2.30 | 2.30 | 2.29 | 2.3 | 2.57 | 2.57 | 2.57 | 2.6 | 2.88 | 2.87 | 2.87 | 2.9 | 3.23 | 3.23 | 3.23 | 3.2 |
| | | Amps | 6.9 | 6.9 | 6.9 | 7.0 | 8.0 | 7.9 | 7.9 | 8.0 | 9.1 | 9.1 | 9.1 | 9.2 | 10.4 | 10.3 | 10.3 | 10.4 | 11.7 | 11.7 | 11.7 | 11.8 | 13.4 | 13.4 | 13.4 | 13.4 |
| | 950 | MBh | 29.5 | 29.9 | 30.8 | 32.1 | 29.2 | 29.6 | 30.5 | 31.8 | 28.5 | 28.9 | 29.8 | 31.1 | 27.2 | **27.6** | 28.4 | 29.8 | 25.6 | 26.0 | 26.9 | 28.2 | 24.1 | 24.5 | 25.4 | 26.7 |
| | | S/T | 0.78 | 0.70 | 0.57 | 0.4 | 0.78 | 0.71 | 0.57 | 0.4 | 0.81 | 0.73 | 0.60 | 0.5 | 0.82 | **0.75** | 0.62 | 0.5 | 1.00 | 0.77 | 0.64 | 0.5 | 1.00 | 0.82 | 0.69 | 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 | 16 |
| | | kW | 1.83 | 1.83 | 1.82 | 1.84 | 2.05 | 2.05 | 2.05 | 2.07 | 2.31 | 2.30 | 2.30 | 2.32 | 2.58 | **2.58** | 2.57 | 2.59 | 2.88 | 2.88 | 2.88 | 2.89 | 3.24 | 3.24 | 3.23 | 3.25 |
| | | Amps | 7.0 | 6.9 | 6.9 | 7.0 | 8.0 | 8.0 | 8.0 | 8.0 | 9.1 | 9.1 | 9.1 | 9.2 | 10.4 | **10.4** | 10.4 | 10.4 | 11.8 | 11.8 | 11.8 | 11.8 | 13.4 | 13.4 | 13.4 | 13.5 |
| | 1125 | MBh | 30.2 | 30.6 | 31.5 | 32.8 | 29.9 | 30.4 | 31.2 | 32.6 | 29.2 | 29.6 | 30.5 | 31.8 | 27.9 | **28.3** | 29.2 | 30.5 | 26.3 | 26.7 | 27.6 | 28.9 | 24.8 | 25.2 | 26.1 | 27.4 |
| | | S/T | 0.82 | 0.74 | 0.61 | 0.5 | 0.82 | 0.75 | 0.62 | 0.5 | 0.85 | 0.77 | 0.64 | 0.5 | 1.00 | **0.79** | 0.66 | 0.5 | 1.00 | 0.81 | 0.68 | 0.5 | 1.00 | 0.86 | 0.73 | 0.6 |
| | | ΔT | 23 | 21 | 17 | 13 | 23 | 21 | 17 | 13 | 23 | 21 | 17 | 14 | 23 | **21** | 17 | 13 | 22 | 20 | 17 | 13 | 24 | 22 | 18 | 14 |
| | | kW | 1.84 | 1.84 | 1.84 | 1.9 | 2.07 | 2.07 | 2.06 | 2.1 | 2.32 | 2.32 | 2.31 | 2.3 | 2.59 | **2.59** | 2.59 | 2.6 | 2.90 | 2.89 | 2.89 | 2.9 | 3.25 | 3.25 | 3.25 | 3.3 |
| | | Amps | 7.0 | 7.0 | 7.0 | 7.1 | 8.1 | 8.0 | 8.0 | 8.1 | 9.2 | 9.2 | 9.2 | 9.3 | 10.5 | **10.4** | 10.4 | 10.5 | 11.8 | 11.8 | 11.8 | 11.9 | 13.5 | 13.5 | 13.5 | 13.5 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | 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 | 875 | MBh | 29.4 | 29.8 | 30.7 | 32.0 | 29.1 | 29.5 | 30.4 | 31.7 | 28.4 | 28.8 | 29.7 | 31.0 | 27.1 | 27.5 | 28.4 | 29.7 | 25.5 | 25.9 | 26.8 | 28.1 | 24.0 | 24.4 | 25.3 | 26.6 |
| | | S/T | 0.86 | 0.79 | 0.66 | 0.5 | 0.87 | 0.80 | 0.66 | 0.5 | 1.00 | 0.82 | 0.69 | 0.5 | 1.00 | 0.84 | 0.71 | 0.6 | 1.00 | 0.86 | 0.73 | 0.6 | 1.00 | 0.91 | 0.78 | 0.6 |
| | | ΔT | 29 | 27 | 23 | 20 | 29 | 27 | 23 | 20 | 29 | 27 | 24 | 20 | 29 | 27 | 23 | 20 | 29 | 27 | 23 | 19 | 30 | 28 | 24 | 21 |
| | | kW | 1.82 | 1.82 | 1.82 | 1.8 | 2.05 | 2.05 | 2.04 | 2.1 | 2.30 | 2.30 | 2.29 | 2.3 | 2.57 | 2.57 | 2.57 | 2.6 | 2.88 | 2.87 | 2.87 | 2.9 | 3.23 | 3.23 | 3.23 | 3.2 |
| | | Amps | 6.9 | 6.9 | 6.9 | 7.0 | 8.0 | 8.0 | 7.9 | 8.0 | 9.1 | 9.1 | 9.1 | 9.2 | 10.4 | 10.4 | 10.3 | 10.4 | 11.8 | 11.7 | 11.7 | 11.8 | 13.4 | 13.4 | 13.4 | 13.4 |
| | 950 | MBh | 29.6 | 30.1 | 30.9 | 32.3 | 29.4 | 29.8 | 30.7 | 32.0 | 28.6 | 29.0 | 29.9 | 31.2 | 27.3 | 27.7 | **28.6** | 29.9 | 25.7 | 26.1 | 27.0 | 28.3 | 24.3 | 24.7 | 25.5 | 26.9 |
| | | S/T | 0.90 | 0.82 | 0.69 | 0.6 | 0.90 | 0.83 | 0.70 | 0.6 | 1.00 | 0.85 | 0.72 | 0.6 | 1.00 | 0.87 | **0.74** | 0.6 | 1.00 | 0.89 | 0.76 | 0.6 | 1.00 | 0.94 | 0.81 | 0.7 |
| | | ΔT | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 29 | 27 | 23 | 19 | 28 | 26 | **23** | 19 | 28 | 26 | 22 | 19 | 29 | 27 | 24 | 20 |
| | | kW | 1.83 | 1.83 | 1.82 | 1.84 | 2.06 | 2.05 | 2.05 | 2.07 | 2.31 | 2.31 | 2.30 | 2.32 | 2.58 | 2.58 | **2.57** | 2.59 | 2.88 | 2.88 | 2.88 | 2.90 | 3.24 | 3.24 | 3.24 | 3.25 |
| | | Amps | 7.0 | 7.0 | 6.9 | 7.0 | 8.0 | 8.0 | 8.0 | 8.0 | 9.1 | 9.1 | 9.1 | 9.2 | 10.4 | 10.4 | **10.4** | 10.4 | 11.8 | 11.8 | 11.8 | 11.8 | 13.4 | 13.4 | 13.4 | 13.5 |
| | 1125 | MBh | 30.4 | 30.8 | 31.6 | 33.0 | 30.1 | 30.5 | 31.4 | 32.7 | 29.3 | 29.7 | 30.6 | 31.9 | 28.0 | 28.4 | 29.3 | 30.6 | 26.4 | 26.8 | 27.7 | 29.0 | 25.0 | 25.4 | 26.3 | 27.6 |
| | | S/T | 0.94 | 0.86 | 0.73 | 0.6 | 1.00 | 0.87 | 0.74 | 0.6 | 1.00 | 0.89 | 0.76 | 0.6 | 1.00 | 0.91 | 0.78 | 0.6 | 1.00 | 0.94 | 0.80 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 |
| | | ΔT | 27 | 25 | 21 | 18 | 27 | 25 | 21 | 18 | 27 | 25 | 22 | 18 | 27 | 25 | 21 | 18 | 27 | 25 | 21 | 17 | 28 | 26 | 22 | 19 |
| | | kW | 1.84 | 1.84 | 1.84 | 1.9 | 2.07 | 2.07 | 2.06 | 2.1 | 2.32 | 2.32 | 2.32 | 2.3 | 2.59 | 2.59 | 2.59 | 2.6 | 2.90 | 2.90 | 2.89 | 2.9 | 3.25 | 3.25 | 3.25 | 3.3 |
| | | Amps | 7.0 | 7.0 | 7.0 | 7.1 | 8.1 | 8.0 | 8.0 | 8.1 | 9.2 | 9.2 | 9.2 | 9.3 | 10.5 | 10.4 | 10.4 | 10.5 | 11.8 | 11.8 | 11.8 | 11.9 | 13.5 | 13.5 | 13.5 | 13.5 |
| 85 | 875 | MBh | 29.9 | 30.3 | 31.2 | 32.5 | 29.6 | 30.0 | 30.9 | 32.2 | 28.9 | 29.3 | 30.1 | 31.5 | 27.6 | **28.0** | 28.8 | 30.2 | 26.0 | 26.4 | 27.2 | 28.6 | 24.5 | 24.9 | 25.8 | 27.1 |
| | | S/T | 1.00 | 0.89 | 0.76 | 0.6 | 1.00 | 0.89 | 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 | 33 | 31 | 27 | 24 | 33 | 31 | 27 | 23 | 33 | 31 | 28 | 24 | 33 | **31** | 27 | 23 | 33 | 31 | 27 | 23 | 34 | 32 | 28 | 24 |
| | | kW | 1.83 | 1.83 | 1.82 | 1.8 | 2.05 | 2.05 | 2.05 | 2.1 | 2.30 | 2.30 | 2.30 | 2.3 | 2.58 | **2.57** | 2.57 | 2.6 | 2.88 | 2.88 | 2.88 | 2.9 | 3.24 | 3.24 | 3.23 | 3.2 |
| | | Amps | 6.9 | 6.9 | 6.9 | 7.0 | 8.0 | 8.0 | 8.0 | 8.0 | 9.1 | 9.1 | 9.1 | 9.2 | 10.4 | **10.4** | 10.4 | 10.4 | 11.8 | 11.8 | 11.7 | 11.8 | 13.4 | 13.4 | 13.4 | 13.5 |
| | 950 | MBh | 30.1 | 30.5 | 31.4 | 32.7 | 29.9 | 30.3 | 31.2 | 32.5 | 29.1 | 29.5 | 30.4 | 31.7 | 27.8 | 28.2 | 29.1 | 30.4 | 26.2 | 26.6 | 27.5 | 28.8 | 24.8 | 25.2 | 26.0 | 27.4 |
| | | S/T | 1.00 | 0.92 | 0.79 | 0.7 | 1.00 | 0.93 | 0.80 | 0.7 | 1.00 | 0.95 | 0.82 | 0.7 | 1.00 | 0.97 | 0.84 | 0.7 | 1.00 | 1.00 | 0.86 | 0.7 | 1.00 | 1.00 | 0.91 | 0.8 |
| | | ΔT | 32 | 30 | 27 | 23 | 32 | 30 | 27 | 23 | 32 | 30 | 27 | 23 | 32 | 30 | 27 | 23 | 32 | 30 | 26 | 23 | 33 | 31 | 27 | 24 |
| | | kW | 1.83 | 1.83 | 1.83 | 1.85 | 2.06 | 2.06 | 2.05 | 2.07 | 2.31 | 2.31 | 2.31 | 2.32 | 2.58 | 2.58 | 2.58 | 2.60 | 2.89 | 2.89 | 2.88 | 2.90 | 3.25 | 3.24 | 3.24 | 3.26 |
| | | Amps | 7.0 | 7.0 | 7.0 | 7.0 | 8.0 | 8.0 | 8.0 | 8.1 | 9.2 | 9.2 | 9.1 | 9.2 | 10.4 | 10.4 | 10.4 | 10.5 | 11.8 | 11.8 | 11.8 | 11.9 | 13.4 | 13.4 | 13.4 | 13.5 |
| | 1125 | MBh | 30.8 | 31.3 | 32.1 | 33.5 | 30.6 | 31.0 | 31.9 | 33.2 | 29.8 | 30.2 | 31.1 | 32.4 | 28.5 | **28.9** | 29.8 | 31.1 | 26.9 | 27.3 | 28.2 | 29.5 | 25.5 | 25.9 | 26.7 | 28.1 |
| | | S/T | 1.00 | 0.96 | 0.83 | 0.7 | 1.00 | 0.97 | 0.84 | 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 | 0.95 | 0.8 |
| | | ΔT | 31 | 29 | 25 | 21 | 31 | 29 | 25 | 21 | 31 | 29 | 25 | 22 | 31 | **29** | 25 | 21 | 30 | 28 | 25 | 21 | 32 | 30 | 26 | 22 |
| | | kW | 1.85 | 1.85 | 1.84 | 1.9 | 2.07 | 2.07 | 2.07 | 2.1 | 2.33 | 2.32 | 2.32 | 2.3 | 2.60 | **2.60** | 2.59 | 2.6 | 2.90 | 2.90 | 2.90 | 2.9 | 3.26 | 3.26 | 3.25 | 3.3 |
| | | Amps | 7.0 | 7.0 | 7.0 | 7.1 | 8.1 | 8.1 | 8.1 | 8.1 | 9.2 | 9.2 | 9.2 | 9.3 | 10.5 | **10.5** | 10.4 | 10.5 | 11.9 | 11.9 | 11.8 | 11.9 | 13.5 | 13.5 | 13.5 | 13.6 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | ENTERING INDOOR WET BULB TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
| IDB | AIRFLOW | | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 | 59 | 63 | 67 | 71 |
| 70 | 1050 | MBh | 34.9 | 35.4 | 36.5 | - | 34.6 | 35.1 | 36.1 | - | 33.7 | 34.2 | 35.2 | - | 32.1 | 32.6 | 33.7 | - | 30.2 | 30.7 | 31.8 | - | 28.5 | 29.0 | 30.0 | - |
| | | S/T | 0.63 | 0.55 | 0.42 | - | 0.64 | 0.56 | 0.42 | - | 0.66 | 0.58 | 0.45 | - | 1.00 | 0.60 | 0.47 | - | 1.00 | 0.63 | 0.49 | - | 1.00 | 0.68 | 0.54 | - |
| | | ΔT | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 15 | - | 20 | 18 | 14 | - | 21 | 19 | 15 | - |
| | | kW | 2.19 | 2.19 | 2.19 | - | 2.46 | 2.46 | 2.45 | - | 2.75 | 2.75 | 2.75 | - | 3.08 | 3.07 | 3.07 | - | 3.43 | 3.43 | 3.43 | - | 3.85 | 3.85 | 3.85 | - |
| | | Amps | 8.0 | 8.0 | 8.0 | - | 9.2 | 9.2 | 9.2 | - | 10.6 | 10.6 | 10.6 | - | 12.1 | 12.0 | 12.0 | - | 13.7 | 13.7 | 13.7 | - | 15.6 | 15.6 | 15.6 | - |
| | 1150 | MBh | 35.3 | 35.7 | 36.8 | - | 34.9 | 35.4 | 36.5 | - | 34.0 | 34.5 | 35.6 | - | 32.5 | 33.0 | 34.0 | - | 30.6 | 31.0 | 32.1 | - | 28.8 | 29.3 | 30.3 | - |
| | | S/T | 0.67 | 0.59 | 0.46 | - | 0.67 | 0.60 | 0.46 | - | 1.00 | 0.62 | 0.49 | - | 1.00 | 0.64 | 0.51 | - | 1.00 | 0.66 | 0.53 | - | 1.00 | 0.72 | 0.58 | - |
| | | ΔT | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 18 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 20 | 18 | 15 | - |
| | | kW | 2.20 | 2.20 | 2.20 | - | 2.47 | 2.47 | 2.46 | - | 2.76 | 2.76 | 2.76 | - | 3.08 | 3.08 | 3.08 | - | 3.44 | 3.44 | 3.44 | - | 3.86 | 3.86 | 3.86 | - |
| | | Amps | 8.1 | 8.1 | 8.0 | - | 9.3 | 9.3 | 9.2 | - | 10.6 | 10.6 | 10.6 | - | 12.1 | 12.1 | 12.1 | - | 13.7 | 13.7 | 13.7 | - | 15.7 | 15.6 | 15.6 | - |
| | 1350 | MBh | 36.0 | 36.5 | 37.6 | - | 35.7 | 36.2 | 37.3 | - | 34.8 | 35.3 | 36.4 | - | 33.3 | 33.8 | 34.8 | - | 31.4 | 31.8 | 32.9 | - | 29.6 | 30.1 | 31.1 | - |
| | | S/T | 0.71 | 0.63 | 0.50 | - | 0.72 | 0.64 | 0.50 | - | 1.00 | 0.66 | 0.53 | - | 1.00 | 0.68 | 0.55 | - | 1.00 | 0.71 | 0.57 | - | 1.00 | 1.00 | 0.62 | - |
| | | ΔT | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 19 | 17 | 13 | - |
| | | kW | 2.22 | 2.22 | 2.21 | - | 2.48 | 2.48 | 2.48 | - | 2.78 | 2.78 | 2.77 | - | 3.10 | 3.10 | 3.09 | - | 3.46 | 3.46 | 3.45 | - | 3.88 | 3.88 | 3.87 | - |
| | | Amps | 8.1 | 8.1 | 8.1 | - | 9.4 | 9.3 | 9.3 | - | 10.7 | 10.7 | 10.7 | - | 12.2 | 12.2 | 12.1 | - | 13.8 | 13.8 | 13.8 | - | 15.7 | 15.7 | 15.7 | - |
| 75 | 1050 | MBh | 34.9 | 35.4 | 36.5 | 38.1 | 34.6 | 35.1 | 36.2 | 37.8 | 33.7 | 34.2 | 35.3 | 36.8 | 32.2 | 32.7 | 33.7 | 35.3 | 30.3 | 30.7 | 31.8 | 33.4 | 28.5 | 29.0 | 30.0 | 31.6 |
| | | S/T | 0.76 | 0.68 | 0.55 | 0.4 | 1.00 | 0.69 | 0.55 | 0.4 | 1.00 | 0.71 | 0.58 | 0.4 | 1.00 | 0.73 | 0.60 | 0.5 | 1.00 | 1.00 | 0.62 | 0.5 | 1.00 | 1.00 | 0.67 | 0.5 |
| | | ΔT | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 15 | 24 | 23 | 19 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 18 | 15 | 25 | 23 | 20 | 16 |
| | | kW | 2.19 | 2.19 | 2.19 | 2.2 | 2.46 | 2.46 | 2.45 | 2.5 | 2.75 | 2.75 | 2.75 | 2.8 | 3.07 | 3.07 | 3.07 | 3.1 | 3.43 | 3.43 | 3.42 | 3.4 | 3.85 | 3.85 | 3.84 | 3.9 |
| | | Amps | 8.0 | 8.0 | 8.0 | 8.1 | 9.2 | 9.2 | 9.2 | 9.3 | 10.6 | 10.6 | 10.6 | 10.6 | 12.0 | 12.0 | 12.0 | 12.1 | 13.7 | 13.7 | 13.7 | 13.7 | 15.6 | 15.6 | 15.6 | 15.7 |
| | 1150 | MBh | 35.3 | 35.8 | 36.8 | 38.4 | 35.0 | 35.5 | 36.5 | 38.1 | 34.1 | 34.5 | 35.6 | 37.2 | 32.5 | **33.0** | 34.0 | 35.6 | 30.6 | 31.1 | 32.1 | 33.7 | 28.8 | 29.3 | 30.4 | 32.0 |
| | | S/T | 0.80 | 0.72 | 0.58 | 0.4 | 1.00 | 0.73 | 0.59 | 0.4 | 1.00 | 0.75 | 0.62 | 0.5 | 1.00 | **0.77** | 0.64 | 0.5 | 1.00 | 1.00 | 0.66 | 0.5 | 1.00 | 1.00 | 0.71 | 0.6 |
| | | ΔT | 23 | 22 | 18 | 14 | 23 | 21 | 18 | 14 | 24 | 22 | 18 | 15 | 23 | **21** | 18 | 14 | 23 | 21 | 18 | 14 | 24 | 22 | 19 | 15 |
| | | kW | 2.20 | 2.20 | 2.20 | 2.22 | 2.47 | 2.46 | 2.46 | 2.48 | 2.76 | 2.76 | 2.76 | 2.78 | 3.08 | **3.08** | 3.08 | 3.10 | 3.44 | 3.44 | 3.43 | 3.45 | 3.86 | 3.86 | 3.85 | 3.87 |
| | | Amps | 8.1 | 8.0 | 8.0 | 8.1 | 9.3 | 9.3 | 9.2 | 9.3 | 10.6 | 10.6 | 10.6 | 10.7 | 12.1 | **12.1** | 12.1 | 12.2 | 13.7 | 13.7 | 13.7 | 13.8 | 15.6 | 15.6 | 15.6 | 15.7 |
| | 1350 | MBh | 36.1 | 36.6 | 37.6 | 39.2 | 35.8 | 36.2 | 37.3 | 38.9 | 34.8 | 35.3 | 36.4 | 38.0 | 33.3 | **33.8** | 34.8 | 36.4 | 31.4 | 31.9 | 32.9 | 34.5 | 29.6 | 30.1 | 31.2 | 32.7 |
| | | S/T | 0.84 | 0.76 | 0.63 | 0.5 | 1.00 | 0.77 | 0.63 | 0.5 | 1.00 | 0.79 | 0.66 | 0.5 | 1.00 | **0.81** | 0.68 | 0.5 | 1.00 | 1.00 | 0.70 | 0.6 | 1.00 | 1.00 | 0.75 | 0.6 |
| | | ΔT | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | **20** | 17 | 13 | 22 | 20 | 16 | 13 | 23 | 21 | 18 | 14 |
| | | kW | 2.22 | 2.22 | 2.21 | 2.2 | 2.48 | 2.48 | 2.48 | 2.5 | 2.78 | 2.78 | 2.77 | 2.8 | 3.10 | **3.10** | 3.09 | 3.1 | 3.46 | 3.45 | 3.45 | 3.5 | 3.88 | 3.87 | 3.87 | 3.9 |
| | | Amps | 8.1 | 8.1 | 8.1 | 8.2 | 9.3 | 9.3 | 9.3 | 9.4 | 10.7 | 10.7 | 10.7 | 10.8 | 12.2 | **12.2** | 12.1 | 12.2 | 13.8 | 13.8 | 13.8 | 13.9 | 15.7 | 15.7 | 15.7 | 15.8 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | 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 | 35.1 | 35.6 | 36.7 | 38.2 | 34.8 | 35.3 | 36.3 | 37.9 | 33.9 | 34.4 | 35.4 | 37.0 | 32.3 | 32.8 | 33.9 | 35.5 | 30.4 | 30.9 | 32.0 | 33.6 | 28.7 | 29.2 | 30.2 | 31.8 |
| | | S/T | 1.00 | 0.81 | 0.67 | 0.5 | 1.00 | 0.81 | 0.68 | 0.5 | 1.00 | 0.84 | 0.70 | 0.6 | 1.00 | 1.00 | 0.72 | 0.6 | 1.00 | 1.00 | 0.74 | 0.6 | 1.00 | 1.00 | 0.80 | 0.7 |
| | | ΔT | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 29 | 27 | 23 | 20 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 29 | 27 | 24 | 20 |
| | | kW | 2.19 | 2.19 | 2.19 | 2.2 | 2.46 | 2.46 | 2.45 | 2.5 | 2.75 | 2.75 | 2.75 | 2.8 | 3.07 | 3.07 | 3.07 | 3.1 | 3.43 | 3.43 | 3.43 | 3.4 | 3.85 | 3.85 | 3.85 | 3.9 |
| | | Amps | 8.0 | 8.0 | 8.0 | 8.1 | 9.2 | 9.2 | 9.2 | 9.3 | 10.6 | 10.6 | 10.6 | 10.7 | 12.1 | 12.0 | 12.0 | 12.1 | 13.7 | 13.7 | 13.7 | 13.8 | 15.6 | 15.6 | 15.6 | 15.7 |
| | 1150 | MBh | 35.5 | 35.9 | 37.0 | 38.6 | 35.1 | 35.6 | 36.7 | 38.3 | 34.2 | 34.7 | 35.8 | 37.4 | 32.7 | 33.2 | **34.2** | 35.8 | 30.8 | 31.2 | 32.3 | 33.9 | 29.0 | 29.5 | 30.5 | 32.1 |
| | | S/T | 1.00 | 0.85 | 0.71 | 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 | 0.78 | 0.6 | 1.00 | 1.00 | 1.00 | 0.7 |
| | | ΔT | 28 | 26 | 22 | 19 | 28 | 26 | 22 | 18 | 28 | 26 | 22 | 19 | 28 | 26 | **22** | 18 | 27 | 25 | 22 | 18 | 28 | 27 | 23 | 19 |
| | | kW | 2.20 | 2.20 | 2.20 | 2.22 | 2.47 | 2.47 | 2.46 | 2.48 | 2.76 | 2.76 | 2.76 | 2.78 | 3.08 | 3.08 | **3.08** | 3.10 | 3.44 | 3.44 | 3.44 | 3.46 | 3.86 | 3.86 | 3.85 | 3.88 |
| | | Amps | 8.1 | 8.1 | 8.0 | 8.1 | 9.3 | 9.3 | 9.2 | 9.3 | 10.6 | 10.6 | 10.6 | 10.7 | 12.1 | 12.1 | **12.1** | 12.2 | 13.7 | 13.7 | 13.7 | 13.8 | 15.7 | 15.6 | 15.6 | 15.7 |
| | 1350 | MBh | 36.2 | 36.7 | 37.8 | 39.4 | 35.9 | 36.4 | 37.5 | 39.1 | 35.0 | 35.5 | 36.6 | 38.1 | 33.5 | 34.0 | 35.0 | 36.6 | 31.6 | 32.0 | 33.1 | 34.7 | 29.8 | 30.3 | 31.3 | 32.9 |
| | | 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 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 27 | 25 | 21 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 21 | 17 | 27 | 25 | 22 | 18 |
| | | kW | 2.22 | 2.22 | 2.21 | 2.2 | 2.48 | 2.48 | 2.48 | 2.5 | 2.78 | 2.78 | 2.77 | 2.8 | 3.10 | 3.10 | 3.09 | 3.1 | 3.46 | 3.46 | 3.45 | 3.5 | 3.88 | 3.88 | 3.87 | 3.9 |
| | | Amps | 8.1 | 8.1 | 8.1 | 8.2 | 9.3 | 9.3 | 9.3 | 9.4 | 10.7 | 10.7 | 10.7 | 10.8 | 12.2 | 12.2 | 12.1 | 12.2 | 13.8 | 13.8 | 13.8 | 13.9 | 15.7 | 15.7 | 15.7 | 15.8 |
| 85 | 1050 | MBh | 35.7 | 36.2 | 37.2 | 38.8 | 35.4 | 35.9 | 36.9 | 38.5 | 34.5 | 35.0 | 36.0 | 37.6 | 32.9 | **33.4** | 34.5 | 36.0 | 31.0 | 31.5 | 32.5 | 34.1 | 29.3 | 29.8 | 30.8 | 32.4 |
| | | S/T | 1.00 | 0.91 | 0.77 | 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 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 32 | 30 | 27 | 23 | 32 | 30 | 27 | 23 | 32 | 30 | 27 | 23 | 32 | **30** | 27 | 23 | 32 | 30 | 26 | 23 | 33 | 31 | 28 | 24 |
| | | kW | 2.20 | 2.20 | 2.19 | 2.2 | 2.46 | 2.46 | 2.46 | 2.5 | 2.76 | 2.76 | 2.75 | 2.8 | 3.08 | **3.08** | 3.07 | 3.1 | 3.44 | 3.44 | 3.43 | 3.5 | 3.86 | 3.86 | 3.85 | 3.9 |
| | | Amps | 8.0 | 8.0 | 8.0 | 8.1 | 9.3 | 9.2 | 9.2 | 9.3 | 10.6 | 10.6 | 10.6 | 10.7 | 12.1 | **12.1** | 12.0 | 12.1 | 13.7 | 13.7 | 13.7 | 13.8 | 15.6 | 15.6 | 15.6 | 15.7 |
| | 1150 | MBh | 36.0 | 36.5 | 37.6 | 39.2 | 35.7 | 36.2 | 37.3 | 38.8 | 34.8 | 35.3 | 36.3 | 37.9 | 33.3 | 33.7 | 34.8 | 36.4 | 31.3 | 31.8 | 32.9 | 34.5 | 29.6 | 30.1 | 31.1 | 32.7 |
| | | S/T | 1.00 | 0.95 | 0.81 | 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 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 32 | 30 | 26 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 32 | 30 | 27 | 23 |
| | | kW | 2.21 | 2.21 | 2.20 | 2.22 | 2.47 | 2.47 | 2.47 | 2.49 | 2.77 | 2.77 | 2.76 | 2.78 | 3.09 | 3.09 | 3.08 | 3.10 | 3.45 | 3.44 | 3.44 | 3.46 | 3.87 | 3.86 | 3.86 | 3.88 |
| | | Amps | 8.1 | 8.1 | 8.1 | 8.1 | 9.3 | 9.3 | 9.3 | 9.4 | 10.7 | 10.6 | 10.6 | 10.7 | 12.1 | 12.1 | 12.1 | 12.2 | 13.8 | 13.7 | 13.7 | 13.8 | 15.7 | 15.7 | 15.6 | 15.7 |
| | 1350 | MBh | 36.8 | 37.3 | 38.4 | 39.9 | 36.5 | 37.0 | 38.1 | 39.6 | 35.6 | 36.1 | 37.1 | 38.7 | 34.0 | **34.5** | 35.6 | 37.2 | 32.1 | 32.6 | 33.7 | 35.3 | 30.4 | 30.9 | 31.9 | 33.5 |
| | | S/T | 1.00 | 1.00 | 0.85 | 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 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 30 | **28** | 25 | 21 | 30 | 28 | 24 | 21 | 31 | 29 | 25 | 22 |
| | | kW | 2.22 | 2.22 | 2.22 | 2.2 | 2.49 | 2.49 | 2.48 | 2.5 | 2.78 | 2.78 | 2.78 | 2.8 | 3.10 | **3.10** | 3.10 | 3.1 | 3.46 | 3.46 | 3.46 | 3.5 | 3.88 | 3.88 | 3.88 | 3.9 |
| | | Amps | 8.2 | 8.1 | 8.1 | 8.2 | 9.4 | 9.4 | 9.3 | 9.4 | 10.7 | 10.7 | 10.7 | 10.8 | 12.2 | **12.2** | 12.2 | 12.3 | 13.8 | 13.8 | 13.8 | 13.9 | 15.7 | 15.7 | 15.7 | 15.8 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | 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 | 1225 | MBh | 40.3 | 40.8 | 42.0 | - | 39.9 | 40.5 | 41.7 | - | 38.9 | 39.4 | 40.6 | - | 37.1 | 37.6 | 38.8 | - | 34.9 | 35.4 | 36.6 | - | 32.8 | 33.4 | 34.6 | - |
| | | S/T | 0.62 | 0.54 | 0.41 | - | 0.62 | 0.55 | 0.41 | - | 0.65 | 0.57 | 0.44 | - | 0.67 | 0.59 | 0.46 | - | 1.00 | 0.61 | 0.48 | - | 1.00 | 0.67 | 0.53 | - |
| | | ΔT | 20 | 18 | 15 | - | 20 | 18 | 14 | - | 20 | 18 | 15 | - | 20 | 18 | 14 | - | 20 | 18 | 14 | - | 21 | 19 | 15 | - |
| | | kW | 2.61 | 2.61 | 2.61 | - | 2.89 | 2.89 | 2.89 | - | 3.21 | 3.21 | 3.20 | - | 3.55 | 3.55 | 3.54 | - | 3.93 | 3.92 | 3.92 | - | 4.37 | 4.37 | 4.37 | - |
| | | Amps | 9.2 | 9.2 | 9.2 | - | 10.5 | 10.5 | 10.5 | - | 11.9 | 11.9 | 11.9 | - | 13.5 | 13.5 | 13.5 | - | 15.2 | 15.2 | 15.2 | - | 17.3 | 17.2 | 17.2 | - |
| | 1365 | MBh | 40.7 | 41.3 | 42.5 | - | 40.4 | 40.9 | 42.1 | - | 39.3 | 39.9 | 41.1 | - | 37.5 | 38.1 | 39.3 | - | 35.3 | 35.9 | 37.1 | - | 33.3 | 33.8 | 35.0 | - |
| | | S/T | 0.67 | 0.59 | 0.45 | - | 0.67 | 0.60 | 0.46 | - | 0.70 | 0.62 | 0.48 | - | 1.00 | 0.64 | 0.50 | - | 1.00 | 0.66 | 0.53 | - | 1.00 | 0.71 | 0.58 | - |
| | | ΔT | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 14 | - | 19 | 17 | 13 | - | 20 | 18 | 14 | - |
| | | kW | 2.63 | 2.62 | 2.62 | - | 2.91 | 2.90 | 2.90 | - | 3.22 | 3.22 | 3.21 | - | 3.56 | 3.56 | 3.55 | - | 3.94 | 3.94 | 3.93 | - | 4.38 | 4.38 | 4.38 | - |
| | | Amps | 9.3 | 9.2 | 9.2 | - | 10.5 | 10.5 | 10.5 | - | 12.0 | 12.0 | 11.9 | - | 13.5 | 13.5 | 13.5 | - | 15.3 | 15.3 | 15.2 | - | 17.3 | 17.3 | 17.3 | - |
| | 1575 | MBh | 41.5 | 42.1 | 43.3 | - | 41.2 | 41.7 | 42.9 | - | 40.1 | 40.7 | 41.9 | - | 38.3 | 38.9 | 40.1 | - | 36.1 | 36.7 | 37.9 | - | 34.1 | 34.6 | 35.8 | - |
| | | S/T | 0.70 | 0.63 | 0.49 | - | 0.71 | 0.63 | 0.50 | - | 0.73 | 0.66 | 0.52 | - | 1.00 | 0.68 | 0.54 | - | 1.00 | 0.70 | 0.56 | - | 1.00 | 0.75 | 0.62 | - |
| | | ΔT | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 17 | 16 | 12 | - | 19 | 17 | 13 | - |
| | | kW | 2.64 | 2.64 | 2.63 | - | 2.92 | 2.92 | 2.91 | - | 3.23 | 3.23 | 3.23 | - | 3.57 | 3.57 | 3.57 | - | 3.95 | 3.95 | 3.95 | - | 4.40 | 4.40 | 4.39 | - |
| | | Amps | 9.3 | 9.3 | 9.3 | - | 10.6 | 10.6 | 10.6 | - | 12.0 | 12.0 | 12.0 | - | 13.6 | 13.6 | 13.6 | - | 15.3 | 15.3 | 15.3 | - | 17.4 | 17.4 | 17.3 | - |
| 75 | 1225 | MBh | 40.3 | 40.9 | 42.1 | 43.9 | 39.9 | 40.5 | 41.7 | 43.5 | 38.9 | 39.5 | 40.7 | 42.5 | 37.1 | 37.7 | 38.9 | 40.7 | 34.9 | 35.4 | 36.6 | 38.5 | 32.9 | 33.4 | 34.6 | 36.5 |
| | | S/T | 0.75 | 0.67 | 0.54 | 0.4 | 0.75 | 0.68 | 0.54 | 0.4 | 1.00 | 0.70 | 0.57 | 0.4 | 1.00 | 0.72 | 0.59 | 0.4 | 1.00 | 0.74 | 0.61 | 0.5 | 1.00 | 1.00 | 0.66 | 0.5 |
| | | ΔT | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 19 | 15 | 24 | 22 | 18 | 15 | 25 | 23 | 19 | 16 |
| | | kW | 2.61 | 2.61 | 2.60 | 2.6 | 2.89 | 2.89 | 2.89 | 2.9 | 3.21 | 3.20 | 3.20 | 3.2 | 3.55 | 3.54 | 3.54 | 3.6 | 3.93 | 3.92 | 3.92 | 3.9 | 4.37 | 4.37 | 4.36 | 4.4 |
| | | Amps | 9.2 | 9.2 | 9.2 | 9.3 | 10.5 | 10.5 | 10.5 | 10.6 | 11.9 | 11.9 | 11.9 | 12.0 | 13.5 | 13.5 | 13.4 | 13.5 | 15.2 | 15.2 | 15.2 | 15.3 | 17.2 | 17.2 | 17.2 | 17.3 |
| | 1365 | MBh | 40.7 | 41.3 | 42.5 | 44.3 | 40.4 | 40.9 | 42.1 | 44.0 | 39.3 | 39.9 | 41.1 | 42.9 | 37.5 | **38.1** | 39.3 | 41.1 | 35.3 | 35.9 | 37.1 | 38.9 | 33.3 | 33.9 | 35.1 | 36.9 |
| | | S/T | 0.79 | 0.72 | 0.58 | 0.4 | 0.80 | 0.72 | 0.59 | 0.4 | 1.00 | 0.75 | 0.61 | 0.5 | 1.00 | **0.77** | 0.63 | 0.5 | 1.00 | 0.79 | 0.66 | 0.5 | 1.00 | 1.00 | 0.71 | 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 |
| | | kW | 2.62 | 2.62 | 2.62 | 2.64 | 2.90 | 2.90 | 2.90 | 2.92 | 3.22 | 3.22 | 3.21 | 3.23 | 3.56 | **3.56** | 3.55 | 3.57 | 3.94 | 3.93 | 3.93 | 3.95 | 4.38 | 4.38 | 4.38 | 4.40 |
| | | Amps | 9.3 | 9.2 | 9.2 | 9.3 | 10.5 | 10.5 | 10.5 | 10.6 | 12.0 | 12.0 | 11.9 | 12.0 | 13.5 | **13.5** | 13.5 | 13.6 | 15.3 | 15.3 | 15.2 | 15.3 | 17.3 | 17.3 | 17.3 | 17.4 |
| | 1575 | MBh | 41.5 | 42.1 | 43.3 | 45.1 | 41.2 | 41.7 | 42.9 | 44.8 | 40.1 | 40.7 | 41.9 | 43.7 | 38.3 | 38.9 | 40.1 | 41.9 | 36.1 | 36.7 | 37.9 | 39.7 | 34.1 | 34.7 | 35.9 | 37.7 |
| | | S/T | 0.83 | 0.76 | 0.62 | 0.5 | 1.00 | 0.76 | 0.63 | 0.5 | 1.00 | 0.79 | 0.65 | 0.5 | 1.00 | 0.81 | 0.67 | 0.5 | 1.00 | 0.83 | 0.69 | 0.6 | 1.00 | 1.00 | 0.75 | 0.6 |
| | | ΔT | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 22 | 20 | 16 | 13 | 23 | 21 | 17 | 14 |
| | | kW | 2.64 | 2.64 | 2.63 | 2.7 | 2.92 | 2.92 | 2.91 | 2.9 | 3.23 | 3.23 | 3.23 | 3.2 | 3.57 | 3.57 | 3.57 | 3.6 | 3.95 | 3.95 | 3.94 | 4.0 | 4.40 | 4.39 | 4.39 | 4.4 |
| | | Amps | 9.3 | 9.3 | 9.3 | 9.4 | 10.6 | 10.6 | 10.6 | 10.7 | 12.0 | 12.0 | 12.0 | 12.1 | 13.6 | 13.6 | 13.6 | 13.7 | 15.3 | 15.3 | 15.3 | 15.4 | 17.4 | 17.4 | 17.3 | 17.4 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | 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 | 1225 | MBh | 40.5 | 41.1 | 42.3 | 44.1 | 40.1 | 40.7 | 41.9 | 43.7 | 39.1 | 39.7 | 40.9 | 42.7 | 37.3 | 37.9 | 39.1 | 40.9 | 35.1 | 35.7 | 36.9 | 38.7 | 33.1 | 33.6 | 34.8 | 36.7 |
| | | S/T | 1.00 | 0.80 | 0.66 | 0.5 | 1.00 | 0.80 | 0.67 | 0.5 | 1.00 | 0.83 | 0.69 | 0.5 | 1.00 | 0.85 | 0.71 | 0.6 | 1.00 | 1.00 | 0.73 | 0.6 | 1.00 | 1.00 | 0.79 | 0.6 |
| | | ΔT | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 23 | 19 | 28 | 26 | 22 | 19 | 29 | 27 | 24 | 20 |
| | | kW | 2.61 | 2.61 | 2.61 | 2.6 | 2.89 | 2.89 | 2.89 | 2.9 | 3.21 | 3.21 | 3.20 | 3.2 | 3.55 | 3.55 | 3.54 | 3.6 | 3.93 | 3.92 | 3.92 | 3.9 | 4.37 | 4.37 | 4.36 | 4.4 |
| | | Amps | 9.2 | 9.2 | 9.2 | 9.3 | 10.5 | 10.5 | 10.5 | 10.6 | 11.9 | 11.9 | 11.9 | 12.0 | 13.5 | 13.5 | 13.4 | 13.5 | 15.2 | 15.2 | 15.2 | 15.3 | 17.3 | 17.2 | 17.2 | 17.3 |
| | 1365 | MBh | 40.9 | 41.5 | 42.7 | 44.5 | 40.6 | 41.2 | 42.4 | 44.2 | 39.5 | 40.1 | 41.3 | 43.1 | 37.7 | 38.3 | **39.5** | 41.3 | 35.5 | 36.1 | 37.3 | 39.1 | 33.5 | 34.1 | 35.3 | 37.1 |
| | | S/T | 1.00 | 0.84 | 0.71 | 0.6 | 1.00 | 0.85 | 0.71 | 0.6 | 1.00 | 0.87 | 0.74 | 0.6 | 1.00 | 1.00 | **0.76** | 0.6 | 1.00 | 1.00 | 0.78 | 0.6 | 1.00 | 1.00 | 0.83 | 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 |
| | | kW | 2.62 | 2.62 | 2.62 | 2.64 | 2.91 | 2.90 | 2.90 | 2.92 | 3.22 | 3.22 | 3.21 | 3.23 | 3.56 | 3.56 | **3.55** | 3.57 | 3.94 | 3.94 | 3.93 | 3.95 | 4.38 | 4.38 | 4.38 | 4.40 |
| | | Amps | 9.3 | 9.2 | 9.2 | 9.3 | 10.5 | 10.5 | 10.5 | 10.6 | 12.0 | 12.0 | 11.9 | 12.0 | 13.5 | 13.5 | **13.5** | 13.6 | 15.3 | 15.3 | 15.2 | 15.3 | 17.3 | 17.3 | 17.3 | 17.4 |
| | 1575 | MBh | 41.7 | 42.3 | 43.5 | 45.3 | 41.4 | 42.0 | 43.2 | 45.0 | 40.3 | 40.9 | 42.1 | 43.9 | 38.5 | 39.1 | 40.3 | 42.1 | 36.3 | 36.9 | 38.1 | 39.9 | 34.3 | 34.9 | 36.1 | 37.9 |
| | | S/T | 1.00 | 0.88 | 0.75 | 0.6 | 1.00 | 0.89 | 0.75 | 0.6 | 1.00 | 0.91 | 0.78 | 0.6 | 1.00 | 1.00 | 0.80 | 0.7 | 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 | 17 | 26 | 24 | 21 | 17 | 26 | 24 | 20 | 17 | 27 | 25 | 22 | 18 |
| | | kW | 2.64 | 2.64 | 2.63 | 2.7 | 2.92 | 2.92 | 2.91 | 2.9 | 3.23 | 3.23 | 3.23 | 3.2 | 3.57 | 3.57 | 3.57 | 3.6 | 3.95 | 3.95 | 3.95 | 4.0 | 4.40 | 4.40 | 4.39 | 4.4 |
| | | Amps | 9.3 | 9.3 | 9.3 | 9.4 | 10.6 | 10.6 | 10.6 | 10.7 | 12.0 | 12.0 | 12.0 | 12.1 | 13.6 | 13.6 | 13.6 | 13.7 | 15.3 | 15.3 | 15.3 | 15.4 | 17.4 | 17.4 | 17.3 | 17.4 |
| 85 | 1225 | MBh | 41.2 | 41.8 | 43.0 | 44.8 | 40.8 | 41.4 | 42.6 | 44.4 | 39.8 | 40.3 | 41.5 | 43.4 | 38.0 | **38.5** | 39.7 | 41.6 | 35.8 | 36.3 | 37.5 | 39.4 | 33.7 | 34.3 | 35.5 | 37.3 |
| | | S/T | 1.00 | 0.90 | 0.76 | 0.6 | 1.00 | 0.90 | 0.77 | 0.6 | 1.00 | 1.00 | 0.79 | 0.7 | 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 | 32 | 30 | 26 | 23 | 32 | 30 | 26 | 23 | 32 | 30 | 27 | 23 | 32 | **30** | 26 | 23 | 31 | 30 | 26 | 22 | 33 | 31 | 27 | 24 |
| | | kW | 2.62 | 2.62 | 2.61 | 2.6 | 2.90 | 2.90 | 2.89 | 2.9 | 3.21 | 3.21 | 3.21 | 3.2 | 3.55 | **3.55** | 3.55 | 3.6 | 3.93 | 3.93 | 3.93 | 3.9 | 4.38 | 4.38 | 4.37 | 4.4 |
| | | Amps | 9.2 | 9.2 | 9.2 | 9.3 | 10.5 | 10.5 | 10.5 | 10.6 | 12.0 | 11.9 | 11.9 | 12.0 | 13.5 | **13.5** | 13.5 | 13.6 | 15.2 | 15.2 | 15.2 | 15.3 | 17.3 | 17.3 | 17.2 | 17.3 |
| | 1365 | MBh | 41.6 | 42.2 | 43.4 | 45.2 | 41.3 | 41.8 | 43.0 | 44.9 | 40.2 | 40.8 | 42.0 | 43.8 | 38.4 | 39.0 | 40.2 | 42.0 | 36.2 | 36.8 | 38.0 | 39.8 | 34.2 | 34.8 | 36.0 | 37.8 |
| | | S/T | 1.00 | 0.94 | 0.81 | 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 | 0.88 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 31 | 29 | 25 | 22 | 31 | 29 | 25 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 25 | 22 | 30 | 29 | 25 | 22 | 32 | 30 | 26 | 23 |
| | | kW | 2.63 | 2.63 | 2.62 | 2.64 | 2.91 | 2.91 | 2.90 | 2.93 | 3.22 | 3.22 | 3.22 | 3.24 | 3.56 | 3.56 | 3.56 | 3.58 | 3.94 | 3.94 | 3.94 | 3.96 | 4.39 | 4.39 | 4.38 | 4.40 |
| | | Amps | 9.3 | 9.3 | 9.3 | 9.3 | 10.6 | 10.6 | 10.5 | 10.6 | 12.0 | 12.0 | 12.0 | 12.1 | 13.6 | 13.5 | 13.5 | 13.6 | 15.3 | 15.3 | 15.3 | 15.4 | 17.3 | 17.3 | 17.3 | 17.4 |
| | 1575 | MBh | 42.4 | 43.0 | 44.2 | 46.0 | 42.1 | 42.6 | 43.8 | 45.7 | 41.0 | 41.6 | 42.8 | 44.6 | 39.2 | **39.8** | 41.0 | 42.8 | 37.0 | 37.6 | 38.8 | 40.6 | 35.0 | 35.6 | 36.8 | 38.6 |
| | | S/T | 1.00 | 0.98 | 0.85 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 | 1.00 | 1.00 | 0.88 | 0.7 | 1.00 | **1.00** | 0.90 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 30 | 28 | 24 | 21 | 30 | 28 | 24 | 21 | 30 | 28 | 25 | 21 | 30 | **28** | 24 | 21 | 29 | 27 | 24 | 20 | 31 | 29 | 25 | 22 |
| | | kW | 2.64 | 2.64 | 2.64 | 2.7 | 2.93 | 2.92 | 2.92 | 2.9 | 3.24 | 3.24 | 3.23 | 3.3 | 3.58 | **3.58** | 3.57 | 3.6 | 3.96 | 3.96 | 3.95 | 4.0 | 4.40 | 4.40 | 4.40 | 4.4 |
| | | Amps | 9.4 | 9.3 | 9.3 | 9.4 | 10.6 | 10.6 | 10.6 | 10.7 | 12.1 | 12.1 | 12.0 | 12.1 | 13.6 | **13.6** | 13.6 | 13.7 | 15.4 | 15.4 | 15.3 | 15.4 | 17.4 | 17.4 | 17.4 | 17.5 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | 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 | 46.9 | 47.6 | 48.9 | - | 46.5 | 47.1 | 48.5 | - | 45.3 | 45.9 | 47.3 | - | 43.2 | 43.9 | 45.2 | - | 40.7 | 41.3 | 42.7 | - | 38.3 | 39.0 | 40.4 | - |
| | | S/T | 0.64 | 0.56 | 0.43 | - | 0.64 | 0.57 | 0.44 | - | 0.67 | 0.59 | 0.46 | - | 1.00 | 0.61 | 0.48 | - | 1.00 | 0.63 | 0.50 | - | 1.00 | 0.68 | 0.55 | - |
| | | ΔT | 20 | 18 | 15 | - | 20 | 18 | 14 | - | 20 | 18 | 15 | - | 20 | 18 | 14 | - | 20 | 18 | 14 | - | 21 | 19 | 15 | - |
| | | kW | 3.03 | 3.03 | 3.02 | - | 3.37 | 3.37 | 3.37 | - | 3.76 | 3.76 | 3.75 | - | 4.18 | 4.17 | 4.17 | - | 4.64 | 4.64 | 4.63 | - | 5.19 | 5.19 | 5.18 | - |
| | | Amps | 11.0 | 11.0 | 11.0 | - | 12.6 | 12.6 | 12.6 | - | 14.4 | 14.4 | 14.3 | - | 16.3 | 16.3 | 16.3 | - | 18.4 | 18.4 | 18.4 | - | 20.9 | 20.9 | 20.9 | - |
| | 1600 | MBh | 47.7 | 48.4 | 49.8 | - | 47.3 | 48.0 | 49.4 | - | 46.1 | 46.8 | 48.2 | - | 44.0 | 44.7 | 46.1 | - | 41.5 | 42.2 | 43.5 | - | 39.2 | 39.8 | 41.2 | - |
| | | S/T | 0.67 | 0.60 | 0.47 | - | 0.68 | 0.60 | 0.48 | - | 0.70 | 0.63 | 0.50 | - | 1.00 | 0.65 | 0.52 | - | 1.00 | 0.67 | 0.54 | - | 1.00 | 0.72 | 0.59 | - |
| | | ΔT | 19 | 17 | 13 | - | 19 | 17 | 13 | - | 19 | 17 | 14 | - | 19 | 17 | 13 | - | 19 | 17 | 13 | - | 20 | 18 | 14 | - |
| | | kW | 3.05 | 3.04 | 3.04 | - | 3.39 | 3.39 | 3.38 | - | 3.78 | 3.77 | 3.77 | - | 4.19 | 4.19 | 4.18 | - | 4.66 | 4.66 | 4.65 | - | 5.21 | 5.20 | 5.20 | - |
| | | Amps | 11.1 | 11.1 | 11.1 | - | 12.7 | 12.7 | 12.7 | - | 14.5 | 14.4 | 14.4 | - | 16.4 | 16.4 | 16.3 | - | 18.5 | 18.5 | 18.5 | - | 21.0 | 21.0 | 21.0 | - |
| | 1800 | MBh | 48.8 | 49.4 | 50.8 | - | 48.4 | 49.0 | 50.4 | - | 47.2 | 47.8 | 49.2 | - | 45.1 | 45.7 | 47.1 | - | 42.5 | 43.2 | 44.6 | - | 40.2 | 40.9 | 42.3 | - |
| | | S/T | 0.68 | 0.61 | 0.48 | - | 0.68 | 0.61 | 0.48 | - | 1.00 | 0.64 | 0.51 | - | 1.00 | 0.65 | 0.53 | - | 1.00 | 0.68 | 0.55 | - | 1.00 | 0.72 | 0.60 | - |
| | | ΔT | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 13 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 19 | 17 | 13 | - |
| | | kW | 3.06 | 3.06 | 3.05 | - | 3.41 | 3.40 | 3.40 | - | 3.79 | 3.79 | 3.78 | - | 4.21 | 4.21 | 4.20 | - | 4.67 | 4.67 | 4.67 | - | 5.22 | 5.22 | 5.21 | - |
| | | Amps | 11.2 | 11.2 | 11.1 | - | 12.8 | 12.8 | 12.7 | - | 14.5 | 14.5 | 14.5 | - | 16.4 | 16.4 | 16.4 | - | 18.6 | 18.6 | 18.5 | - | 21.1 | 21.1 | 21.0 | - |
| 75 | 1400 | MBh | 46.9 | 47.6 | 49.0 | 51.1 | 46.5 | 47.2 | 48.5 | 50.7 | 45.3 | 46.0 | 47.3 | 49.5 | 43.2 | **43.9** | 45.3 | 47.4 | 40.7 | 41.3 | 42.7 | 44.8 | 38.4 | 39.0 | 40.4 | 42.5 |
| | | S/T | 0.76 | 0.69 | 0.56 | 0.4 | 0.77 | 0.69 | 0.56 | 0.4 | 1.00 | 0.72 | 0.59 | 0.5 | 1.00 | **0.74** | 0.61 | 0.5 | 1.00 | 0.76 | 0.63 | 0.5 | 1.00 | 1.00 | 0.68 | 0.5 |
| | | ΔT | 25 | 23 | 19 | 15 | 24 | 23 | 19 | 15 | 25 | 23 | 19 | 15 | 24 | **22** | 19 | 15 | 24 | 22 | 19 | 15 | 25 | 23 | 20 | 16 |
| | | kW | 3.03 | 3.02 | 3.02 | 3.0 | 3.37 | 3.37 | 3.36 | 3.4 | 3.76 | 3.75 | 3.75 | 3.8 | 4.17 | **4.17** | 4.17 | 4.2 | 4.64 | 4.64 | 4.63 | 4.7 | 5.19 | 5.18 | 5.18 | 5.2 |
| | | Amps | 11.0 | 11.0 | 11.0 | 11.1 | 12.6 | 12.6 | 12.6 | 12.7 | 14.4 | 14.4 | 14.3 | 14.5 | 16.3 | **16.3** | 16.2 | 16.4 | 18.4 | 18.4 | 18.4 | 18.5 | 20.9 | 20.9 | 20.9 | 21.0 |
| | 1600 | MBh | 47.8 | 48.4 | 49.8 | 51.9 | 47.4 | 48.0 | 49.4 | 51.5 | 46.1 | 46.8 | 48.2 | 50.3 | 44.1 | 44.7 | 46.1 | 48.2 | 41.5 | 42.2 | 43.6 | 45.7 | 39.2 | 39.9 | 41.2 | 43.4 |
| | | S/T | 0.79 | 0.72 | 0.59 | 0.5 | 1.00 | 0.73 | 0.60 | 0.5 | 1.00 | 0.75 | 0.62 | 0.5 | 1.00 | 0.77 | 0.64 | 0.5 | 1.00 | 0.79 | 0.66 | 0.5 | 1.00 | 1.00 | 0.71 | 0.6 |
| | | ΔT | 23 | 21 | 18 | 14 | 23 | 21 | 18 | 14 | 24 | 22 | 18 | 14 | 23 | 21 | 18 | 14 | 23 | 21 | 17 | 14 | 24 | 22 | 19 | 15 |
| | | kW | 3.04 | 3.04 | 3.03 | 3.06 | 3.39 | 3.39 | 3.38 | 3.41 | 3.77 | 3.77 | 3.77 | 3.79 | 4.19 | 4.19 | 4.18 | 4.21 | 4.66 | 4.65 | 4.65 | 4.68 | 5.20 | 5.20 | 5.20 | 5.22 |
| | | Amps | 11.1 | 11.1 | 11.1 | 11.2 | 12.7 | 12.7 | 12.6 | 12.8 | 14.4 | 14.4 | 14.4 | 14.5 | 16.4 | 16.3 | 16.3 | 16.4 | 18.5 | 18.5 | 18.5 | 18.6 | 21.0 | 21.0 | 21.0 | 21.1 |
| | 1800 | MBh | 48.8 | 49.5 | 50.9 | 53.0 | 48.4 | 49.1 | 50.4 | 52.5 | 47.2 | 47.8 | 49.2 | 51.3 | 45.1 | **45.8** | 47.1 | 49.3 | 42.6 | 43.2 | 44.6 | 46.7 | 40.2 | 40.9 | 42.3 | 44.4 |
| | | S/T | 0.80 | 0.73 | 0.60 | 0.5 | 1.00 | 0.74 | 0.61 | 0.5 | 1.00 | 0.76 | 0.63 | 0.5 | 1.00 | **0.78** | 0.65 | 0.5 | 1.00 | 1.00 | 0.67 | 0.5 | 1.00 | 1.00 | 0.72 | 0.6 |
| | | ΔT | 22 | 20 | 17 | 13 | 22 | 20 | 17 | 13 | 23 | 21 | 17 | 13 | 22 | **20** | 17 | 13 | 22 | 20 | 16 | 13 | 23 | 21 | 18 | 14 |
| | | kW | 3.06 | 3.06 | 3.05 | 3.1 | 3.40 | 3.40 | 3.39 | 3.4 | 3.79 | 3.79 | 3.78 | 3.8 | 4.21 | **4.20** | 4.20 | 4.2 | 4.67 | 4.67 | 4.66 | 4.7 | 5.22 | 5.22 | 5.21 | 5.2 |
| | | Amps | 11.2 | 11.2 | 11.1 | 11.3 | 12.8 | 12.7 | 12.7 | 12.8 | 14.5 | 14.5 | 14.5 | 14.6 | 16.4 | **16.4** | 16.4 | 16.5 | 18.6 | 18.5 | 18.5 | 18.6 | 21.1 | 21.0 | 21.0 | 21.1 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | 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 | 47.2 | 47.8 | 49.2 | 51.3 | 46.8 | 47.4 | 48.8 | 50.9 | 45.5 | 46.2 | 47.6 | 49.7 | 43.5 | 44.1 | **45.5** | 47.6 | 40.9 | 41.6 | 43.0 | 45.1 | 38.6 | 39.3 | 40.6 | 42.8 |
| | | S/T | 1.00 | 0.81 | 0.68 | 0.5 | 1.00 | 0.81 | 0.68 | 0.5 | 1.00 | 0.84 | 0.71 | 0.6 | 1.00 | 1.00 | **0.73** | 0.6 | 1.00 | 1.00 | 0.75 | 0.6 | 1.00 | 1.00 | 0.80 | 0.7 |
| | | ΔT | 29 | 27 | 23 | 19 | 29 | 27 | 23 | 19 | 29 | 27 | 23 | 20 | 29 | 27 | **23** | 19 | 29 | 27 | 23 | 19 | 30 | 28 | 24 | 20 |
| | | kW | 3.03 | 3.03 | 3.02 | 3.0 | 3.37 | 3.37 | 3.36 | 3.4 | 3.76 | 3.76 | 3.75 | 3.8 | 4.18 | 4.17 | **4.17** | 4.2 | 4.64 | 4.64 | 4.63 | 4.7 | 5.19 | 5.19 | 5.18 | 5.2 |
| | | Amps | 11.0 | 11.0 | 11.0 | 11.1 | 12.6 | 12.6 | 12.6 | 12.7 | 14.4 | 14.4 | 14.3 | 14.5 | 16.3 | 16.3 | **16.2** | 16.4 | 18.4 | 18.4 | 18.4 | 18.5 | 20.9 | 20.9 | 20.9 | 21.0 |
| | 1600 | MBh | 48.0 | 48.7 | 50.0 | 52.2 | 47.6 | 48.3 | 49.6 | 51.7 | 46.4 | 47.0 | 48.4 | 50.5 | 44.3 | 45.0 | 46.3 | 48.5 | 41.8 | 42.4 | 43.8 | 45.9 | 39.4 | 40.1 | 41.5 | 43.6 |
| | | S/T | 1.00 | 0.84 | 0.71 | 0.6 | 1.00 | 0.85 | 0.72 | 0.6 | 1.00 | 0.87 | 0.74 | 0.6 | 1.00 | 1.00 | 0.76 | 0.6 | 1.00 | 1.00 | 0.78 | 0.6 | 1.00 | 1.00 | 0.83 | 0.7 |
| | | ΔT | 28 | 26 | 22 | 18 | 28 | 26 | 22 | 18 | 28 | 26 | 22 | 19 | 28 | 26 | 22 | 18 | 27 | 25 | 22 | 18 | 29 | 27 | 23 | 19 |
| | | kW | 3.05 | 3.04 | 3.04 | 3.06 | 3.39 | 3.39 | 3.38 | 3.41 | 3.78 | 3.77 | 3.77 | 3.79 | 4.19 | 4.19 | 4.18 | 4.21 | 4.66 | 4.66 | 4.65 | 4.68 | 5.21 | 5.20 | 5.20 | 5.22 |
| | | Amps | 11.1 | 11.1 | 11.1 | 11.2 | 12.7 | 12.7 | 12.7 | 12.8 | 14.5 | 14.4 | 14.4 | 14.5 | 16.4 | 16.4 | 16.3 | 16.4 | 18.5 | 18.5 | 18.5 | 18.6 | 21.0 | 21.0 | 21.0 | 21.1 |
| | 1800 | MBh | 49.1 | 49.7 | 51.1 | 53.2 | 48.6 | 49.3 | 50.7 | 52.8 | 47.4 | 48.1 | 49.5 | 51.6 | 45.4 | 46.0 | 47.4 | 49.5 | 42.8 | 43.5 | 44.8 | 47.0 | 40.5 | 41.1 | 42.5 | 44.6 |
| | | S/T | 1.00 | 0.85 | 0.72 | 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 | 0.79 | 0.7 | 1.00 | 1.00 | 0.84 | 0.7 |
| | | ΔT | 27 | 25 | 21 | 17 | 27 | 25 | 21 | 17 | 27 | 25 | 21 | 18 | 27 | 25 | 21 | 17 | 26 | 24 | 21 | 17 | 28 | 26 | 22 | 18 |
| | | kW | 3.06 | 3.06 | 3.05 | 3.1 | 3.41 | 3.40 | 3.40 | 3.4 | 3.79 | 3.79 | 3.78 | 3.8 | 4.21 | 4.21 | 4.20 | 4.2 | 4.67 | 4.67 | 4.67 | 4.7 | 5.22 | 5.22 | 5.21 | 5.2 |
| | | Amps | 11.2 | 11.2 | 11.1 | 11.3 | 12.8 | 12.7 | 12.7 | 12.8 | 14.5 | 14.5 | 14.5 | 14.6 | 16.4 | 16.4 | 16.4 | 16.5 | 18.6 | 18.6 | 18.5 | 18.6 | 21.1 | 21.1 | 21.0 | 21.2 |
| 85 | 1400 | MBh | 47.9 | 48.6 | 50.0 | 52.1 | 47.5 | 48.2 | 49.6 | 51.7 | 46.3 | 47.0 | 48.4 | 50.5 | 44.2 | **44.9** | 46.3 | 48.4 | 41.7 | 42.4 | 43.7 | 45.9 | 39.4 | 40.0 | 41.4 | 43.5 |
| | | S/T | 1.00 | 0.90 | 0.77 | 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 | 0.84 | 0.7 | 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 | 32 | 30 | 27 | 23 | 34 | 32 | 28 | 24 |
| | | kW | 3.03 | 3.03 | 3.03 | 3.1 | 3.38 | 3.38 | 3.37 | 3.4 | 3.77 | 3.76 | 3.76 | 3.8 | 4.18 | **4.18** | 4.17 | 4.2 | 4.65 | 4.65 | 4.64 | 4.7 | 5.20 | 5.19 | 5.19 | 5.2 |
| | | Amps | 11.1 | 11.1 | 11.0 | 11.1 | 12.6 | 12.6 | 12.6 | 12.7 | 14.4 | 14.4 | 14.4 | 14.5 | 16.3 | **16.3** | 16.3 | 16.4 | 18.5 | 18.4 | 18.4 | 18.5 | 21.0 | 20.9 | 20.9 | 21.0 |
| | 1600 | MBh | 48.8 | 49.4 | 50.8 | 52.9 | 48.4 | 49.0 | 50.4 | 52.5 | 47.2 | 47.8 | 49.2 | 51.3 | 45.1 | 45.7 | 47.1 | 49.2 | 42.5 | 43.2 | 44.6 | 46.7 | 40.2 | 40.9 | 42.3 | 44.4 |
| | | S/T | 1.00 | 0.94 | 0.81 | 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 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | ΔT | 32 | 30 | 26 | 22 | 32 | 30 | 26 | 22 | 32 | 30 | 26 | 22 | 32 | 30 | 26 | 22 | 31 | 29 | 26 | 22 | 33 | 31 | 27 | 23 |
| | | kW | 3.05 | 3.05 | 3.04 | 3.07 | 3.40 | 3.39 | 3.39 | 3.41 | 3.78 | 3.78 | 3.77 | 3.80 | 4.20 | 4.20 | 4.19 | 4.22 | 4.67 | 4.66 | 4.66 | 4.68 | 5.21 | 5.21 | 5.20 | 5.23 |
| | | Amps | 11.1 | 11.1 | 11.1 | 11.2 | 12.7 | 12.7 | 12.7 | 12.8 | 14.5 | 14.5 | 14.4 | 14.6 | 16.4 | 16.4 | 16.4 | 16.5 | 18.5 | 18.5 | 18.5 | 18.6 | 21.0 | 21.0 | 21.0 | 21.1 |
| | 1800 | MBh | 49.8 | 50.5 | 51.9 | 54.0 | 49.4 | 50.1 | 51.5 | 53.6 | 48.2 | 48.9 | 50.2 | 52.4 | 46.1 | **46.8** | 48.2 | 50.3 | 43.6 | 44.2 | 45.6 | 47.7 | 41.3 | 41.9 | 43.3 | 45.4 |
| | | S/T | 1.00 | 0.95 | 0.82 | 0.7 | 1.00 | 1.00 | 0.82 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 | 1.00 | **1.00** | 0.87 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 |
| | | 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 |
| | | kW | 3.07 | 3.06 | 3.06 | 3.1 | 3.41 | 3.41 | 3.40 | 3.4 | 3.80 | 3.79 | 3.79 | 3.8 | 4.21 | **4.21** | 4.21 | 4.2 | 4.68 | 4.68 | 4.67 | 4.7 | 5.23 | 5.22 | 5.22 | 5.2 |
| | | Amps | 11.2 | 11.2 | 11.2 | 11.3 | 12.8 | 12.8 | 12.8 | 12.9 | 14.6 | 14.5 | 14.5 | 14.6 | 16.5 | **16.5** | 16.4 | 16.5 | 18.6 | 18.6 | 18.6 | 18.7 | 21.1 | 21.1 | 21.1 | 21.2 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | 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 | 1490 | MBh | 56.7 | 57.5 | 59.2 | - | 56.2 | 57.0 | 58.7 | - | 54.7 | 55.5 | 57.2 | - | 52.2 | 53.0 | 54.7 | - | 49.1 | 49.9 | 51.6 | - | 46.3 | 47.1 | 48.8 | - |
| | | S/T | 0.60 | 0.53 | 0.41 | - | 0.60 | 0.53 | 0.41 | - | 0.62 | 0.56 | 0.43 | - | 0.64 | 0.57 | 0.45 | - | 0.66 | 0.59 | 0.47 | - | 1.00 | 0.64 | 0.52 | - |
| | | ΔT | 22 | 20 | 16 | - | 22 | 19 | 16 | - | 22 | 20 | 16 | - | 22 | 19 | 15 | - | 21 | 19 | 15 | - | 23 | 21 | 17 | - |
| | | kW | 3.59 | 3.59 | 3.58 | - | 4.03 | 4.03 | 4.02 | - | 4.52 | 4.52 | 4.51 | - | 5.05 | 5.05 | 5.04 | - | 5.64 | 5.64 | 5.63 | - | 6.34 | 6.33 | 6.33 | - |
| | | Amps | 13.4 | 13.4 | 13.4 | - | 15.4 | 15.4 | 15.4 | - | 17.7 | 17.6 | 17.6 | - | 20.1 | 20.1 | 20.0 | - | 22.8 | 22.8 | 22.7 | - | 26.0 | 26.0 | 25.9 | - |
| | 2000 | MBh | 59.5 | 60.3 | 62.0 | - | 59.0 | 59.8 | 61.5 | - | 57.6 | 58.4 | 60.0 | - | 55.1 | 55.9 | 57.5 | - | 52.0 | 52.8 | 54.5 | - | 49.2 | 50.0 | 51.7 | - |
| | | S/T | 0.63 | 0.56 | 0.44 | - | 0.64 | 0.57 | 0.45 | - | 0.66 | 0.59 | 0.47 | - | 0.68 | 0.61 | 0.49 | - | 1.00 | 0.63 | 0.51 | - | 1.00 | 0.67 | 0.55 | - |
| | | ΔT | 19 | 17 | 13 | - | 19 | 17 | 13 | - | 19 | 17 | 13 | - | 19 | 17 | 13 | - | 19 | 16 | 13 | - | 20 | 18 | 14 | - |
| | | kW | 3.64 | 3.64 | 3.63 | - | 4.08 | 4.08 | 4.07 | - | 4.57 | 4.57 | 4.56 | - | 5.10 | 5.09 | 5.09 | - | 5.69 | 5.69 | 5.68 | - | 6.38 | 6.38 | 6.37 | - |
| | | Amps | 13.6 | 13.6 | 13.6 | - | 15.6 | 15.6 | 15.6 | - | 17.9 | 17.9 | 17.8 | - | 20.3 | 20.3 | 20.3 | - | 23.0 | 23.0 | 23.0 | - | 26.2 | 26.2 | 26.1 | - |
| | 2250 | MBh | 61.5 | 62.3 | 64.0 | - | 61.0 | 61.8 | 63.5 | - | 59.6 | 60.4 | 62.0 | - | 57.0 | 57.8 | 59.5 | - | 54.0 | 54.8 | 56.4 | - | 51.2 | 52.0 | 53.6 | - |
| | | S/T | 0.60 | 0.53 | 0.41 | - | 0.60 | 0.54 | 0.41 | - | 0.63 | 0.56 | 0.44 | - | 1.00 | 0.58 | 0.45 | - | 1.00 | 0.60 | 0.47 | - | 1.00 | 0.64 | 0.52 | - |
| | | ΔT | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 18 | 16 | 12 | - | 17 | 15 | 11 | - | 19 | 17 | 13 | - |
| | | kW | 3.66 | 3.66 | 3.65 | - | 4.10 | 4.10 | 4.09 | - | 4.59 | 4.59 | 4.58 | - | 5.12 | 5.12 | 5.11 | - | 5.71 | 5.71 | 5.70 | - | 6.40 | 6.40 | 6.39 | - |
| | | Amps | 13.7 | 13.7 | 13.7 | - | 15.7 | 15.7 | 15.7 | - | 18.0 | 18.0 | 17.9 | - | 20.4 | 20.4 | 20.3 | - | 23.1 | 23.1 | 23.1 | - | 26.3 | 26.3 | 26.2 | - |
| 75 | 1490 | MBh | 56.7 | 57.5 | 59.2 | 61.7 | 56.2 | 57.0 | 58.7 | 61.2 | 54.8 | 55.6 | 57.2 | 59.8 | 52.2 | **53.0** | 54.7 | 57.3 | 49.2 | 50.0 | 51.6 | 54.2 | 46.4 | 47.2 | 48.8 | 51.4 |
| | | S/T | 0.71 | 0.64 | 0.52 | 0.4 | 0.72 | 0.65 | 0.53 | 0.4 | 0.74 | 0.67 | 0.55 | 0.4 | 1.00 | **0.69** | 0.57 | 0.4 | 1.00 | 0.71 | 0.59 | 0.5 | 1.00 | 0.75 | 0.63 | 0.5 |
| | | ΔT | 26 | 24 | 20 | 16 | 26 | 24 | 20 | 16 | 27 | 24 | 20 | 16 | 26 | **24** | 20 | 16 | 26 | 24 | 20 | 16 | 27 | 25 | 21 | 17 |
| | | kW | 3.59 | 3.59 | 3.58 | 3.6 | 4.03 | 4.03 | 4.02 | 4.1 | 4.52 | 4.52 | 4.51 | 4.5 | 5.05 | **5.04** | 5.04 | 5.1 | 5.64 | 5.64 | 5.63 | 5.7 | 6.33 | 6.33 | 6.32 | 6.4 |
| | | Amps | 13.4 | 13.4 | 13.4 | 13.5 | 15.4 | 15.4 | 15.4 | 15.5 | 17.7 | 17.6 | 17.6 | 17.8 | 20.1 | **20.1** | 20.0 | 20.2 | 22.8 | 22.8 | 22.7 | 22.9 | 26.0 | 25.9 | 25.9 | 26.1 |
| | 2000 | MBh | 59.6 | 60.4 | 62.0 | 64.6 | 59.1 | 59.9 | 61.5 | 64.1 | 57.6 | 58.4 | 60.1 | 62.6 | 55.1 | 55.9 | 57.6 | 60.1 | 52.0 | 52.8 | 54.5 | 57.0 | 49.2 | 50.0 | 51.7 | 54.2 |
| | | S/T | 0.75 | 0.68 | 0.56 | 0.4 | 0.75 | 0.68 | 0.56 | 0.4 | 1.00 | 0.71 | 0.59 | 0.5 | 1.00 | 0.72 | 0.60 | 0.5 | 1.00 | 0.74 | 0.62 | 0.5 | 1.00 | 1.00 | 0.67 | 0.5 |
| | | ΔT | 24 | 22 | 18 | 13 | 24 | 21 | 17 | 13 | 24 | 22 | 18 | 14 | 24 | 21 | 17 | 13 | 23 | 21 | 17 | 13 | 25 | 22 | 19 | 14 |
| | | kW | 3.64 | 3.64 | 3.63 | 3.66 | 4.08 | 4.07 | 4.07 | 4.10 | 4.57 | 4.56 | 4.56 | 4.59 | 5.10 | 5.09 | 5.08 | 5.12 | 5.69 | 5.68 | 5.68 | 5.71 | 6.38 | 6.38 | 6.37 | 6.40 |
| | | Amps | 13.6 | 13.6 | 13.6 | 13.7 | 15.6 | 15.6 | 15.6 | 15.7 | 17.9 | 17.9 | 17.8 | 18.0 | 20.3 | 20.3 | 20.2 | 20.4 | 23.0 | 23.0 | 22.9 | 23.1 | 26.2 | 26.2 | 26.1 | 26.3 |
| | 2250 | MBh | 61.6 | 62.3 | 64.0 | 66.6 | 61.1 | 61.8 | 63.5 | 66.1 | 59.6 | 60.4 | 62.1 | 64.6 | 57.1 | **57.9** | 59.5 | 62.1 | 54.0 | 54.8 | 56.5 | 59.0 | 51.2 | 52.0 | 53.7 | 56.2 |
| | | S/T | 0.71 | 0.65 | 0.52 | 0.4 | 1.00 | 0.65 | 0.53 | 0.4 | 1.00 | 0.67 | 0.55 | 0.4 | 1.00 | **0.69** | 0.57 | 0.4 | 1.00 | 0.71 | 0.59 | 0.5 | 1.00 | 1.00 | 0.64 | 0.5 |
| | | ΔT | 22 | 20 | 16 | 12 | 22 | 20 | 16 | 12 | 23 | 21 | 17 | 13 | 22 | **20** | 16 | 12 | 22 | 20 | 16 | 12 | 23 | 21 | 17 | 13 |
| | | kW | 3.66 | 3.66 | 3.65 | 3.7 | 4.10 | 4.09 | 4.09 | 4.1 | 4.59 | 4.58 | 4.58 | 4.6 | 5.12 | **5.11** | 5.10 | 5.1 | 5.71 | 5.70 | 5.70 | 5.7 | 6.40 | 6.40 | 6.39 | 6.4 |
| | | Amps | 13.7 | 13.7 | 13.7 | 13.8 | 15.7 | 15.7 | 15.7 | 15.8 | 18.0 | 17.9 | 17.9 | 18.1 | 20.4 | **20.4** | 20.3 | 20.5 | 23.1 | 23.1 | 23.0 | 23.2 | 26.3 | 26.2 | 26.2 | 26.4 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| | | | OUTDOOR AMBIENT TEMPERATURE | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | 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 | 1490 | MBh | 57.0 | 57.8 | 59.5 | 62.0 | 56.5 | 57.3 | 59.0 | 61.5 | 55.1 | 55.8 | 57.5 | 60.1 | 52.5 | 53.3 | **55.0** | 57.6 | 49.5 | 50.3 | 51.9 | 54.5 | 46.7 | 47.5 | 49.1 | 51.7 |
| | | S/T | 0.82 | 0.76 | 0.63 | 0.5 | 1.00 | 0.76 | 0.64 | 0.5 | 1.00 | 0.78 | 0.66 | 0.5 | 1.00 | 0.80 | **0.68** | 0.6 | 1.00 | 0.82 | 0.70 | 0.6 | 1.00 | 1.00 | 0.75 | 0.6 |
| | | ΔT | 31 | 29 | 25 | 21 | 31 | 29 | 25 | 21 | 31 | 29 | 25 | 21 | 31 | 29 | **25** | 21 | 31 | 29 | 25 | 20 | 32 | 30 | 26 | 22 |
| | | kW | 3.59 | 3.59 | 3.58 | 3.6 | 4.03 | 4.03 | 4.02 | 4.1 | 4.52 | 4.52 | 4.51 | 4.5 | 5.05 | 5.05 | **5.04** | 5.1 | 5.64 | 5.64 | 5.63 | 5.7 | 6.34 | 6.33 | 6.32 | 6.4 |
| | | Amps | 13.4 | 13.4 | 13.4 | 13.5 | 15.4 | 15.4 | 15.4 | 15.5 | 17.7 | 17.6 | 17.6 | 17.8 | 20.1 | 20.1 | **20.0** | 20.2 | 22.8 | 22.8 | 22.7 | 22.9 | 26.0 | 26.0 | 25.9 | 26.1 |
| | 2000 | MBh | 59.9 | 60.7 | 62.3 | 64.9 | 59.4 | 60.2 | 61.8 | 64.4 | 57.9 | 58.7 | 60.4 | 62.9 | 55.4 | 56.2 | 57.9 | 60.4 | 52.3 | 53.1 | 54.8 | 57.3 | 49.5 | 50.3 | 52.0 | 54.5 |
| | | S/T | 1.00 | 0.79 | 0.67 | 0.5 | 1.00 | 0.80 | 0.68 | 0.5 | 1.00 | 0.82 | 0.70 | 0.6 | 1.00 | 0.84 | 0.72 | 0.6 | 1.00 | 1.00 | 0.74 | 0.6 | 1.00 | 1.00 | 0.78 | 0.7 |
| | | ΔT | 28 | 26 | 22 | 18 | 28 | 26 | 22 | 18 | 29 | 26 | 22 | 18 | 28 | 26 | 22 | 18 | 28 | 26 | 22 | 18 | 29 | 27 | 23 | 19 |
| | | kW | 3.64 | 3.64 | 3.63 | 3.66 | 4.08 | 4.08 | 4.07 | 4.10 | 4.57 | 4.57 | 4.56 | 4.59 | 5.10 | 5.09 | 5.09 | 5.12 | 5.69 | 5.69 | 5.68 | 5.71 | 6.38 | 6.38 | 6.37 | 6.41 |
| | | Amps | 13.6 | 13.6 | 13.6 | 13.7 | 15.6 | 15.6 | 15.6 | 15.7 | 17.9 | 17.9 | 17.8 | 18.0 | 20.3 | 20.3 | 20.3 | 20.4 | 23.0 | 23.0 | 23.0 | 23.1 | 26.2 | 26.2 | 26.1 | 26.3 |
| | 2250 | MBh | 61.8 | 62.6 | 64.3 | 66.9 | 61.3 | 62.1 | 63.8 | 66.4 | 59.9 | 60.7 | 62.3 | 64.9 | 57.4 | 58.2 | 59.8 | 62.4 | 54.3 | 55.1 | 56.8 | 59.3 | 51.5 | 52.3 | 54.0 | 56.5 |
| | | S/T | 1.00 | 0.76 | 0.64 | 0.5 | 1.00 | 0.76 | 0.64 | 0.5 | 1.00 | 0.79 | 0.66 | 0.5 | 1.00 | 1.00 | 0.68 | 0.6 | 1.00 | 1.00 | 0.70 | 0.6 | 1.00 | 1.00 | 0.75 | 0.6 |
| | | ΔT | 27 | 25 | 21 | 17 | 27 | 25 | 21 | 17 | 27 | 25 | 21 | 17 | 27 | 25 | 21 | 17 | 27 | 25 | 21 | 17 | 28 | 26 | 22 | 18 |
| | | kW | 3.66 | 3.66 | 3.65 | 3.7 | 4.10 | 4.10 | 4.09 | 4.1 | 4.59 | 4.59 | 4.58 | 4.6 | 5.12 | 5.11 | 5.11 | 5.1 | 5.71 | 5.71 | 5.70 | 5.7 | 6.40 | 6.40 | 6.39 | 6.4 |
| | | Amps | 13.7 | 13.7 | 13.7 | 13.8 | 15.7 | 15.7 | 15.7 | 15.8 | 18.0 | 18.0 | 17.9 | 18.1 | 20.4 | 20.4 | 20.3 | 20.5 | 23.1 | 23.1 | 23.0 | 23.2 | 26.3 | 26.3 | 26.2 | 26.4 |
| 85 | 1490 | MBh | 58.0 | 58.7 | 60.4 | 63.0 | 57.5 | 58.2 | 59.9 | 62.5 | 56.0 | 56.8 | 58.5 | 61.0 | 53.5 | **54.3** | 55.9 | 58.5 | 50.4 | 51.2 | 52.9 | 55.4 | 47.6 | 48.4 | 50.1 | 52.6 |
| | | S/T | 1.00 | 0.85 | 0.72 | 0.6 | 1.00 | 0.85 | 0.73 | 0.6 | 1.00 | 1.00 | 0.75 | 0.6 | 1.00 | **1.00** | 0.77 | 0.6 | 1.00 | 1.00 | 0.79 | 0.7 | 1.00 | 1.00 | 0.84 | 0.7 |
| | | ΔT | 35 | 33 | 29 | 25 | 35 | 33 | 29 | 25 | 35 | 33 | 29 | 25 | 35 | **33** | 29 | 25 | 35 | 33 | 29 | 25 | 36 | 34 | 30 | 26 |
| | | kW | 3.60 | 3.60 | 3.59 | 3.6 | 4.04 | 4.04 | 4.03 | 4.1 | 4.53 | 4.53 | 4.52 | 4.6 | 5.06 | **5.06** | 5.05 | 5.1 | 5.65 | 5.65 | 5.64 | 5.7 | 6.34 | 6.34 | 6.33 | 6.4 |
| | | Amps | 13.5 | 13.4 | 13.4 | 13.6 | 15.5 | 15.4 | 15.4 | 15.6 | 17.7 | 17.7 | 17.7 | 17.8 | 20.1 | **20.1** | 20.1 | 20.2 | 22.8 | 22.8 | 22.8 | 22.9 | 26.0 | 26.0 | 26.0 | 26.1 |
| | 2000 | MBh | 60.8 | 61.6 | 63.3 | 65.8 | 60.3 | 61.1 | 62.8 | 65.3 | 58.9 | 59.6 | 61.3 | 63.9 | 56.3 | 57.1 | 58.8 | 61.4 | 53.3 | 54.1 | 55.7 | 58.3 | 50.5 | 51.2 | 52.9 | 55.5 |
| | | S/T | 1.00 | 0.88 | 0.76 | 0.6 | 1.00 | 0.89 | 0.77 | 0.6 | 1.00 | 1.00 | 0.79 | 0.7 | 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 | 32 | 30 | 26 | 22 | 32 | 30 | 26 | 22 | 33 | 31 | 27 | 23 | 32 | 30 | 26 | 22 | 32 | 30 | 26 | 22 | 33 | 31 | 27 | 23 |
| | | kW | 3.65 | 3.65 | 3.64 | 3.67 | 4.09 | 4.08 | 4.08 | 4.11 | 4.58 | 4.57 | 4.57 | 4.60 | 5.11 | 5.10 | 5.10 | 5.13 | 5.70 | 5.69 | 5.69 | 5.72 | 6.39 | 6.39 | 6.38 | 6.41 |
| | | Amps | 13.7 | 13.7 | 13.6 | 13.8 | 15.7 | 15.7 | 15.6 | 15.8 | 17.9 | 17.9 | 17.9 | 18.0 | 20.3 | 20.3 | 20.3 | 20.4 | 23.0 | 23.0 | 23.0 | 23.1 | 26.2 | 26.2 | 26.2 | 26.3 |
| | 2250 | MBh | 62.8 | 63.6 | 65.3 | 67.8 | 62.3 | 63.1 | 64.8 | 67.3 | 60.8 | 61.6 | 63.3 | 65.8 | 58.3 | **59.1** | 60.8 | 63.3 | 55.2 | 56.0 | 57.7 | 60.3 | 52.4 | 53.2 | 54.9 | 57.5 |
| | | S/T | 1.00 | 0.85 | 0.73 | 0.6 | 1.00 | 1.00 | 0.73 | 0.6 | 1.00 | 1.00 | 0.76 | 0.6 | 1.00 | **1.00** | 0.77 | 0.6 | 1.00 | 1.00 | 1.00 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 |
| | | ΔT | 31 | 29 | 25 | 21 | 31 | 29 | 25 | 21 | 32 | 29 | 25 | 21 | 31 | **29** | 25 | 21 | 31 | 29 | 25 | 21 | 32 | 30 | 26 | 22 |
| | | kW | 3.67 | 3.67 | 3.66 | 3.7 | 4.11 | 4.10 | 4.10 | 4.1 | 4.60 | 4.59 | 4.59 | 4.6 | 5.13 | **5.12** | 5.12 | 5.1 | 5.72 | 5.71 | 5.71 | 5.7 | 6.41 | 6.41 | 6.40 | 6.4 |
| | | Amps | 13.8 | 13.8 | 13.7 | 13.9 | 15.8 | 15.8 | 15.7 | 15.9 | 18.0 | 18.0 | 18.0 | 18.1 | 20.4 | **20.4** | 20.4 | 20.5 | 23.1 | 23.1 | 23.1 | 23.2 | 26.3 | 26.3 | 26.3 | 26.4 |

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

kW = Total system power

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

Amps = outdoor unit amps (comp.+fan)

| ALXS3NN1810*/CAPTA2422* Conditions: 80 °F IBD, 67 °F IWB @ 625 CFM | | | | |
|---|---|---|---|---|
| **Outdoor Tem. ° F.** | **Total BTU/h** | **Sensible BTU/h** | **Latent BTU/h** | **Total Watts** |
| 75 | 19,300 | 12,540 | 6,760 | 1,320 |
| 80 | 19,060 | 12,600 | 6,460 | 1,390 |
| 85 | 18,820 | 12,660 | 6,160 | 1,460 |
| 90 | 18,410 | 12,540 | 5,870 | 1,540 |
| **95** | **18,000** | **12,420** | **5,580** | **1,620** |
| 100 | 17,495 | 12,245 | 5,250 | 1,705 |
| 105 | 16,990 | 12,070 | 4,920 | 1,790 |
| 110 | 16,535 | 12,120 | 4,415 | 1,890 |
| 115 | 16,080 | 12,170 | 3,910 | 1,990 |
| **TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB** | | | | |
| **95°** | **17,360** | **12,140** | **5,220** | **1,620** |

| ALXS3NN2410*/CAPTA2422* Conditions: 80 °F IBD, 67 °F IWB @ 700 CFM | | | | |
|---|---|---|---|---|
| **Outdoor Tem. ° F.** | **Total BTU/h** | **Sensible BTU/h** | **Latent BTU/h** | **Total Watts** |
| 75 | 24,660 | 16,720 | 7,940 | 1,670 |
| 80 | 24,355 | 16,800 | 7,555 | 1,765 |
| 85 | 24,050 | 16,880 | 7,170 | 1,860 |
| 90 | 23,525 | 16,725 | 6,800 | 1,965 |
| **95** | **23,000** | **16,570** | **6,430** | **2,070** |
| 100 | 22,360 | 16,335 | 6,025 | 2,185 |
| 105 | 21,720 | 16,100 | 5,620 | 2,300 |
| 110 | 21,130 | 16,165 | 4,965 | 2,435 |
| 115 | 20,540 | 16,230 | 4,310 | 2,570 |
| **TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB** | | | | |
| **95°** | **22,180** | **16,190** | **5,990** | **2,070** |

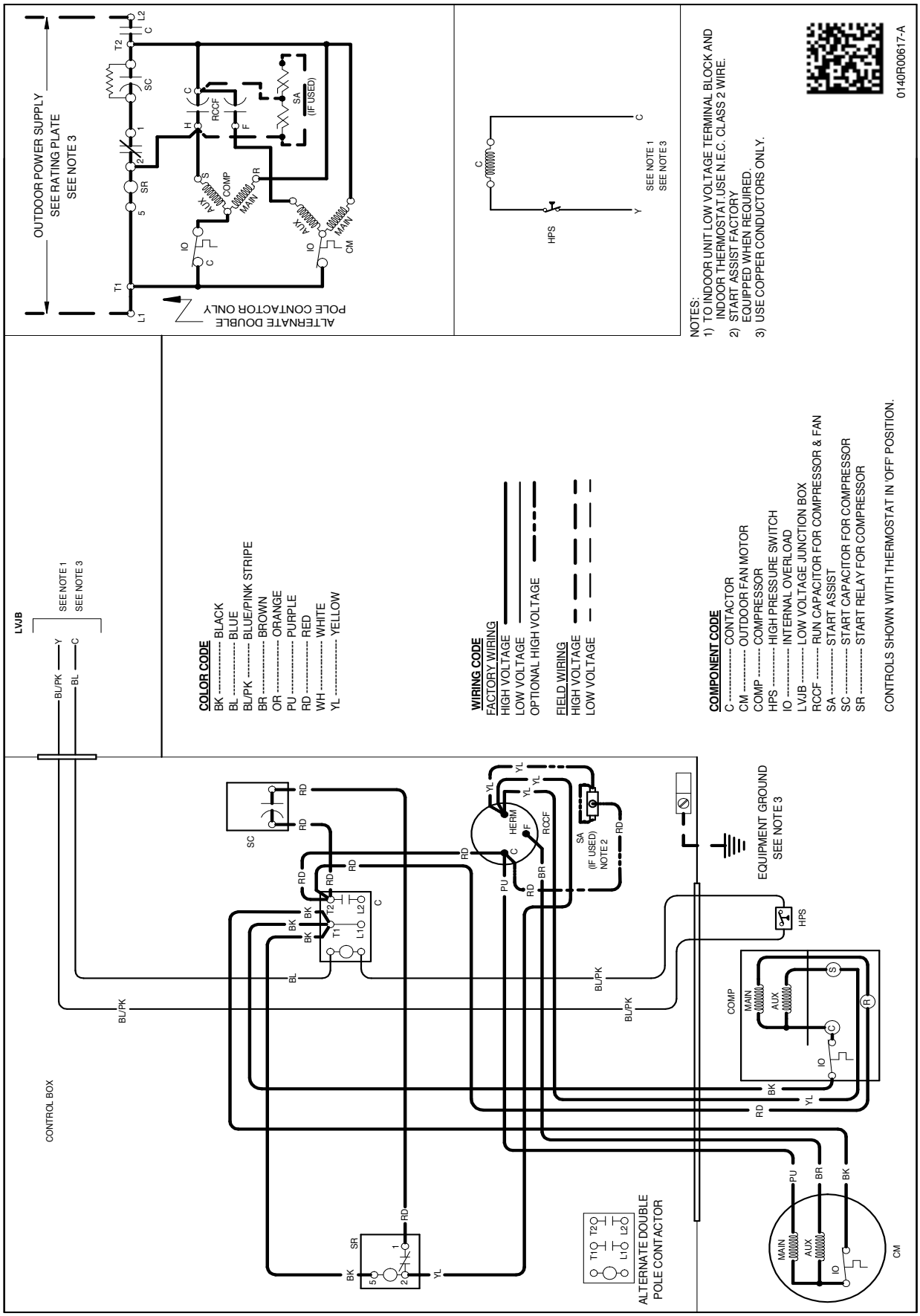
| ALXS3NN3010*/CAPTA3026* Conditions: 80 °F IBD, 67 °F IWB @ 950 CFM | | | | |
|---|---|---|---|---|
| **Outdoor Tem. ° F.** | **Total BTU/h** | **Sensible BTU/h** | **Latent BTU/h** | **Total Watts** |
| 75 | 30,670 | 21,380 | 9,290 | 2,050 |
| 80 | 30,290 | 21,480 | 8,810 | 2,175 |
| 85 | 29,910 | 21,580 | 8,330 | 2,300 |
| 90 | 29,255 | 21,380 | 7,875 | 2,435 |
| **95** | **28,600** | **21,180** | **7,420** | **2,570** |
| 100 | 27,800 | 20,880 | 6,920 | 2,725 |
| 105 | 27,000 | 20,580 | 6,420 | 2,880 |
| 110 | 26,270 | 20,665 | 5,605 | 3,060 |
| 115 | 25,540 | 20,750 | 4,790 | 3,240 |
| **TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB** | | | | |
| **95°** | **27,580** | **20,700** | **6,880** | **2,580** |

| ALXS3NN3610*/CAPTA3626* Conditions: 80 °F IBD, 67 °F IWB @ 1150 CFM | | | | |
|---|---|---|---|---|
| **Outdoor Tem. ° F.** | **Total BTU/h** | **Sensible BTU/h** | **Latent BTU/h** | **Total Watts** |
| 75 | 36,670 | 26,290 | 10,380 | 2,460 |
| 80 | 36,215 | 26,415 | 9,800 | 2,610 |
| 85 | 35,760 | 26,540 | 9,220 | 2,760 |
| 90 | 34,980 | 26,295 | 8,685 | 2,920 |
| **95** | **34,200** | **26,050** | **8,150** | **3,080** |
| 100 | 33,245 | 25,680 | 7,565 | 3,260 |
| 105 | 32,290 | 25,310 | 6,980 | 3,440 |
| 110 | 31,420 | 27,930 | 3,490 | 3,645 |
| 115 | 30,550 | 30,550 | 0 | 3,850 |
| **TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB** | | | | |
| **95°** | **32,980** | **25,450** | **7,530** | **3,080** |

| ALXS3NN4210*/CAPTA4230* Conditions: 80 °F IBD, 67 °F IWB @ 1365 CFM | | | | |
|---|---|---|---|---|
| **Outdoor Tem. ° F.** | **Total Btuh** | **Sensible Btuh** | **Latent Btuh** | **Total Watts** |
| 75 | 42,350 | 30,250 | 12,100 | 2,900 |
| 80 | 41,830 | 30,390 | 11,440 | 3,055 |
| 85 | 41,310 | 30,530 | 10,780 | 3,210 |
| 90 | 40,405 | 30,245 | 10,160 | 3,380 |
| **95** | **39,500** | **29,960** | **9,540** | **3,550** |
| 100 | 38,395 | 29,535 | 8,860 | 3,740 |
| 105 | 37,290 | 29,110 | 8,180 | 3,930 |
| 110 | 36,285 | 29,235 | 7,050 | 4,155 |
| 115 | 35,280 | 29,360 | 5,920 | 4,380 |
| **TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB** | | | | |
| **95°** | **38,090** | **29,280** | **8,810** | **3,560** |

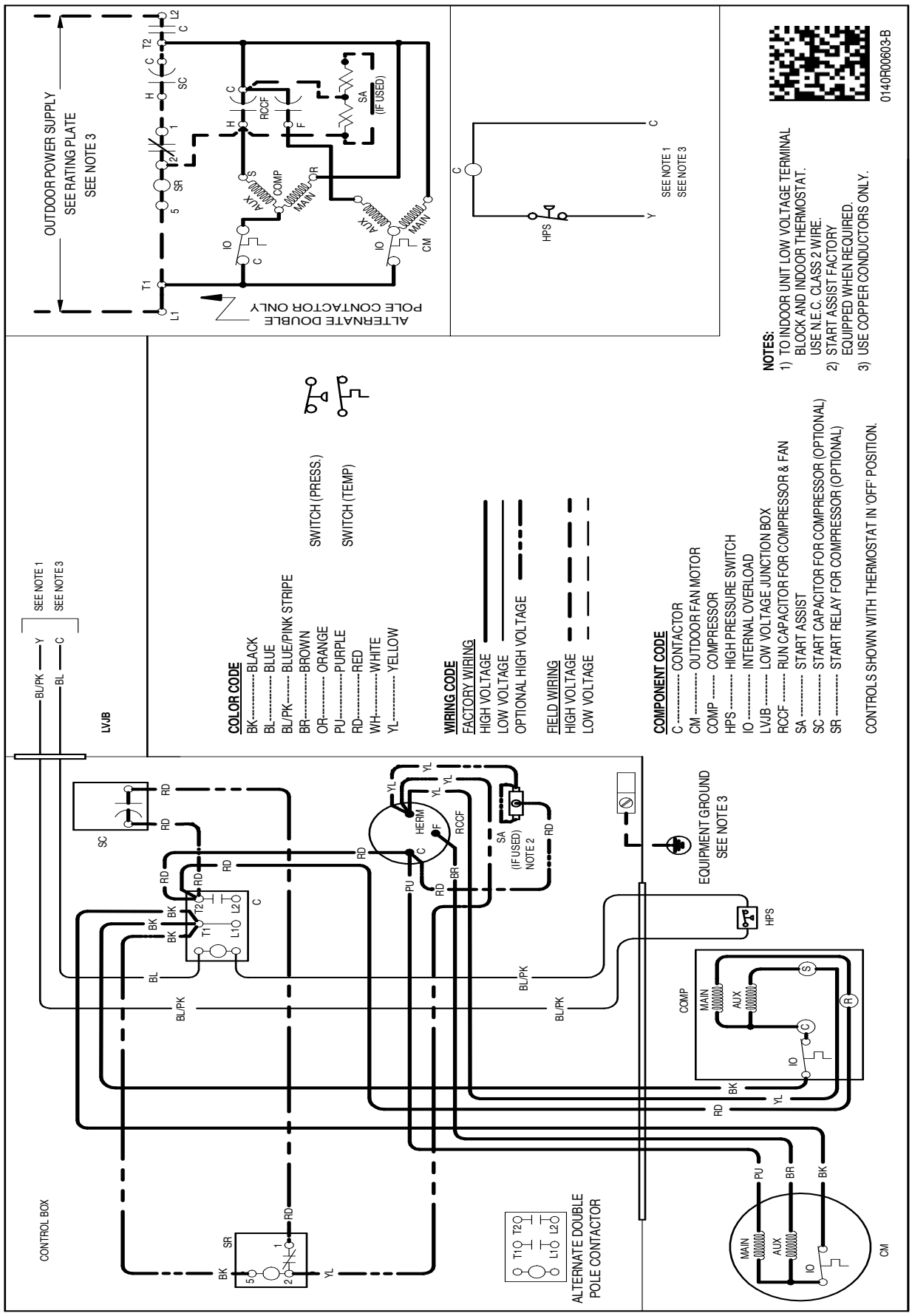
| ALXS3NN4810*/CAPT6030* Conditions: 80 °F IBD, 67 °F IWB @ 1400 CFM | | | | |
|---|---|---|---|---|
| **Outdoor Tem. ° F.** | **Total Btuh** | **Sensible Btuh** | **Latent Btuh** | **Total Watts** |
| 75 | 48,790 | 33,330 | 15,460 | 3,360 |
| 80 | 48,185 | 33,490 | 14,695 | 3,555 |
| 85 | 47,580 | 33,650 | 13,930 | 3,750 |
| 90 | 46,540 | 33,335 | 13,205 | 3,960 |
| **95** | **45,500** | **33,020** | **12,480** | **4,170** |
| 100 | 44,230 | 32,550 | 11,680 | 4,400 |
| 105 | 42,960 | 32,080 | 10,880 | 4,630 |
| 110 | 41,800 | 32,215 | 9,585 | 4,905 |
| 115 | 40,640 | 32,350 | 8,290 | 5,180 |
| **TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB** | | | | |
| **95°** | **43,880** | **32,270** | **11,610** | **4,170** |

| ALXS3NN6010*/CAPTA6030* Conditions: 80 °F IBD, 67 °F IWB @ 1490 CFM | | | | |
|---|---|---|---|---|
| **Outdoor Tem. ° F.** | **Total Btuh** | **Sensible Btuh** | **Latent Btuh** | **Total Watts** |
| 75 | 58,970 | 37,730 | 21,240 | 4,020 |
| 80 | 58,240 | 37,905 | 20,335 | 4,265 |
| 85 | 57,510 | 38,080 | 19,430 | 4,510 |
| 90 | 56,255 | 37,730 | 18,525 | 4,775 |
| **95** | **55,000** | **37,380** | **17,620** | **5,040** |
| 100 | 53,465 | 36,850 | 16,615 | 5,335 |
| 105 | 51,930 | 36,320 | 15,610 | 5,630 |
| 110 | 50,525 | 36,470 | 14,055 | 5,975 |
| 115 | 49,120 | 36,620 | 12,500 | 6,320 |
| **TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB** | | | | |
| **95°** | **53,040** | **36,530** | **16,510** | **5,040** |




**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.

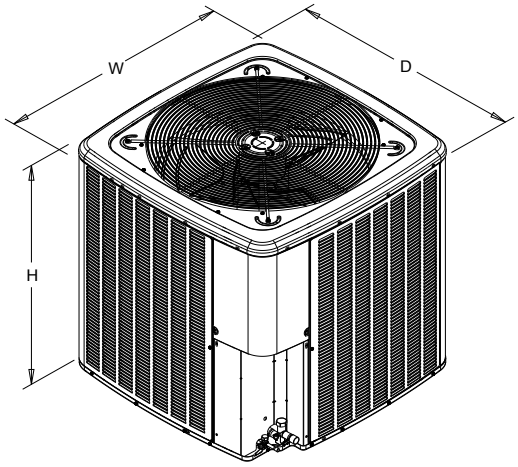
Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.




**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.




| Model | Dimensions | | |
|---|---|---|---|
| | W" | D" | H" |
| ALXS3NN1810A* | 26 | 26 | 27½ |
| ALXS3NN2410A* | 26 | 26 | 27½ |
| ALXS3NN3010A* | 26 | 26 | 32½ |
| ALXS3NN3610A* | 26 | 26 | 32½ |
| ALXS3NN4210A* | 29 | 29 | 35¾ |
| ALXS3NN4810A* | 29 | 29 | 39½ |
| ALXS3NN6010A* | 35½ | 35½ | 39½ |

## *Accessories*

| Model | Description | ALXS3NN 1810A* | ALXS3N N2410A* | ALXS3N N3010A* | ALXS3N N3610A* | ALXS3N N4210A* | ALXS3N N4810A* | ALXS3N N6010A* |
|---|---|---|---|---|---|---|---|---|
| ABK-20 | Anchor Bracket Kit ^ | X | X | X | X | X | X | X |
| ASC01A | Anti-Short Cycle Kit | X | X | X | X | X | X | X |
| Factory Installed Hard Start Kit | | X | X | X | | | | |
| CSR-U-1 | Hard-start Kit | | | | X | X | X | X |
| FSK01A[1] | Freeze Protection Kit | X | X | X | X | X | X | X |
| LSK02A[2] | Liquid Line Solenoid Kit | X | X | X | X | X | X | X |
| LAKT01 | Low-Ambient Kit | X | X | X | X | X | X | X |
| 0130R00000S | Low-Pressure Switch Kit | X | X | X | X | X | X | X |

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

1 Installed on indoor coil

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

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