AIRE-FLO

# AFAIR12B

## Air Conditioners


## Features

- Top discharge directs hot air and noise away from the living area
- Durable Copeland® scroll compressor with internal pressure relief valves and inherent thermal protection
- All units are run-tested to ensure faultless operation
- Nailtex® Hail Guard™ protects against fin damage that can reduce efficiency
- Easy-access electrical panels, pre-wired for easy hook-up
- Hinged control panels for simple access to internal components
- Service valve gauge ports positioned for access room for low-loss fittings
- External brass service/shut-off valve saves refrigerant charge for safer operation
- Liquid line-filter drier prevents moisture and compressor damage
- High-quality condenser coil uses copper tubes with enhanced louvered fin for greater heat transfer
- Permanently lubricated condenser fan motor needs no annual maintenance
- Heavy-gauge, pre-painted cabinet for corrosion protection
- Accumulator is standard on all models
- Precharged for 15 feet of interconnecting tubing
- ETL/ETLC approved
- ARI listed/certified

**Efficiency:**
12 SEER

**Warranty:**
10-year limited—compressor
5-year limited—parts

**Capacity:**
1-1/2 to 5-ton

# AFAIR12B Air Conditioners

## Unit Specifications

| | | AFAIR12B18 | AFAIR12B24 | AFAIR12B30 | AFAIR12B36 | AFAIR12B42 | AFAIR12B48 | AFAIR12B60 |
|---|---|---|---|---|---|---|---|---|
| Condensor Coil | Face Area (ft.²) | 9.83 | 9.83 | 9.83 | 11.51 | 17.31 | 19.78 | 22.25 |
| | Tube/Fin Material | Smooth Cu/ Aluminum | Grooved Cu/ Aluminum | Grooved Cu/ Aluminum | Grooved Cu/ Aluminum | Smooth Cu/ Aluminum | Smooth Cu/ Aluminum | Smooth Cu/ Aluminum |
| | Tube Diameter | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" |
| | No. of Rows | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Fins per Inch | 22 | 20 | 20 | 18 | 22 | 24 | 24 |
| Condenser Fan | Diameter (in.) | 18" | 18" | 18" | 18" | 22" | 22" | 22" |
| | No. of Blades | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | RPM | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 | 1100 |
| | Motor HP | 1/10 | 1/10 | 1/5 | 1/5 | 1/4 | 1/4 | 1/4 |
| Liquid Line Connection | | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" | 3/8" |
| Vapor Line Size Required | | 5/8" | 5/8" | 3/4" | 3/4" | 7/8" | 7/8" | 1-1/8"* |
| Vapor Line Connection | | 5/8" | 5/8" | 3/4" | 3/4" | 7/8" | 7/8" | 7/8" |
| Indoor Section | | DUP18AA | DUP24AA | DUP30AA | DUP42BA | DUP42BA + TXV | DUP48CA + TXV | DUP60CA + TXV |
| Airflow (SCFM) | | 550 | 750 | 950 | 1150 | 1300 | 1500 | 1750 |
| Net Capacity (BTUH/HR) | | 17,500 | 22,600 | 29,000 | 34,800 | 41,000 | 49,000 | 57,500 |
| SEER (BTUH/WATT) | | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 | 12.00 |
| Cabinet Width | | 22-1/2" x 22-1/2" | 22-1/2" x 22-1/2" | 22-1/2" x 22-1/2" | 22-1/2" x 22-1/2" | 30" x 30" | 30" x 30" | 30" x 30" |
| Cabinet Depth | | 22-1/2" x 22-1/2" | 22-1/2" x 22-1/2" | 22-1/2" x 22-1/2" | 22-1/2" x 22-1/2" | 30" x 30" | 30" x 30" | 30" x 30" |
| Height | | 27-1/2" | 27-1/2" | 27-1/2" | 31-1/2" | 31-1/2" | 35-1/2" | 39-1/2" |

*Field-supplied 7/8" to 1-1/8" adapter required. Use of 7/8" vapor line reduces performance approximately 3-4%.
Certified in accordance with the ARI Standard 210/240 certification program, which is based on ARI Standard 210/240.

## Electrical Data

| | | AFAIR12B18 | AFAIR12B24 | AFAIR12B30 | AFAIR12B36 | AFAIR12B42 | AFAIR12B48 | AFAIR12B60 |
|---|---|---|---|---|---|---|---|---|
| Unit | Rated Voltage (Volts) | 208/230 | 208/230 | 208/230 | 208/230 | 208/230 | 208/230 | 208/230 |
| | Phase | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Frequency (Hz.) | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| Com-pressor | Rated Load Amps | 10.0 | 11.4 | 13.6 | 16.4 | 20.0 | 21.4 | 32.1 |
| | Locked Rotor Amps | 41 | 56 | 67 | 83 | 104 | 137 | 169 |
| Fan Motor | Full Load Amps | 0.75 | 0.75 | 1.4 | 1.4 | 1.45 | 1.45 | 1.45 |
| | Locked Rotor Amps | 1.4 | 1.4 | 3.0 | 3.0 | 3.8 | 3.8 | 3.8 |
| Unit | Max. Fuse Size* | 15 | 20 | 25 | 30 | 35 | 40 | 60 |
| | Min. Circuit Ampacity** | 10.8 | 12.6 | 15.3 | 18.3 | 21.8 | 23.7 | 34.8 |

*Time delay fuse/HACR Breaker
**Refer to national Electrical Code (or Canadian Electrical Code) to determine wire size, fuse and disconnect size requirements.

## Accessories

| | AFAIR12B18 | AFAIR12B24 | AFAIR12B30 | AFAIR12B36 | AFAIR12B42 | AFAIR12B48 | AFAIR12B60 |
|---|---|---|---|---|---|---|---|
| High Pressure Switch | 70L70 | 70L70 | 70L70 | 70L70 | 70L70 | 70L70 | 70L70 |
| Low Pressure Switch | 70L71 | 70L71 | 70L71 | 70L71 | 70L71 | 70L71 | 70L71 |
| Short Cycle Protection | 70L73 | 70L73 | 70L73 | 70L73 | 70L73 | 70L73 | 70L73 |
| Hard Start Kit | 70L80 | 70L80 | 70L80 | 70L80 | 70L80 | 70L80 | 70L79 |
| Crankcase Heater | 70L83 | 70L83 | 70L83 | 70L83 | 70L83 | 70L83 | 70L84 |
| Sound Blanket | 70L87 | 70L87 | 70L87 | 70L88 | 70L88 | 70L88 | 70L83 |
| Low Ambient Kit | 70L90 | 70L90 | 70L90 | 70L90 | 70L90 | 70L90 | 70L90 |

## Expanded Performance Data Cooling Operation—AFAIR12B24

| Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IDB* | Flow Rate | | 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 | 850 | MBh | 23.1 | 24.0 | 26.3 | – | 22.6 | 23.4 | 25.7 | – | 22.1 | 22.9 | 25.0 | – | 21.5 | 22.3 | 24.4 | – | 20.4 | 21.2 | 23.2 | – | 18.9 | 19.6 | 21.5 | – |
| | | S/T | 0.71 | 0.59 | 0.41 | – | 0.73 | 0.61 | 0.42 | – | 0.75 | 0.63 | 0.43 | – | 0.77 | 0.65 | 0.45 | – | 080 | 0.67 | 0.47 | – | 0.81 | 0.68 | 0.47 | – |
| | | Delta T | 18 | 15 | 12 | – | 18 | 15 | 12 | – | 18 | 15 | 12 | – | 18 | 16 | 12 | – | 18 | 15 | 12 | – | 17 | 14 | 11 | – |
| | | KW | 1.43 | 1.46 | 1.52 | – | 1.55 | 1.59 | 1.65 | – | 1.66 | 1.70 | 1.77 | – | 1.76 | 1.80 | 1.87 | – | 1.84 | 1.89 | 1.96 | – | 1.92 | 1.96 | 2.03 | – |
| | | AMPS | 6.2 | 6.3 | 6.5 | – | 6.7 | 6.8 | 7.1 | – | 7.3 | 7.4 | 7.7 | – | 7.8 | 8.0 | 8.2 | – | 8.3 | 8.5 | 8.8 | – | 8.8 | 9.0 | 9.3 | – |
| | | HI PR | 141 | 152 | 161 | – | 159 | 171 | 180 | – | 181 | 194 | 205 | – | 206 | 221 | 234 | – | 231 | 249 | 263 | – | 256 | 275 | 290 | – |
| | | LO PR | 57 | 61 | 67 | – | 61 | 65 | 70 | – | 63 | 67 | 73 | – | 66 | 70 | 77 | – | 69 | 74 | 81 | – | 72 | 76 | 83 | – |
| | 750 | MBh | 22.5 | 23.3 | 25.5 | – | 21.9 | 22.7 | 24.9 | – | 21.4 | 22.2 | 24.3 | – | 20.9 | 21.6 | 23.7 | – | 19.8 | 20.6 | 22.5 | – | 18.4 | 19.1 | 20.9 | – |
| | | S/T | 0.67 | 0.56 | 0.39 | – | 0.70 | 0.58 | 0.40 | – | 0.72 | 0.60 | 0.41 | – | 0.74 | 0.62 | 0.43 | – | 0.77 | 0.64 | 0.44 | – | 0.77 | 0.65 | 0.45 | – |
| | | Delta T | 19 | 16 | 12 | – | 19 | 16 | 12 | – | 19 | 16 | 12 | – | 19 | 16 | 12 | – | 19 | 16 | 12 | – | 17 | 15 | 11 | – |
| | | KW | 1.42 | 1.45 | 1.50 | – | 1.54 | 1.58 | 1.63 | – | 1.65 | 1.69 | 1.75 | – | 1.75 | 1.79 | 1.85 | – | 1.83 | 1.87 | 1.94 | – | 1.90 | 1.94 | 2.02 | – |
| | | AMPS | 6.1 | 6.3 | 6.5 | – | 6.6 | 6.8 | 7.0 | – | 7.2 | 7.4 | 7.6 | – | 7.7 | 7.9 | 8.1 | – | 8.2 | 8.4 | 8.7 | – | 8.7 | 8.9 | 9.2 | – |
| | | HI PR | 140 | 151 | 159 | – | 157 | 169 | 179 | – | 179 | 192 | 203 | – | 204 | 219 | 231 | – | 229 | 247 | 260 | – | 253 | 272 | 288 | – |
| | | LO PR | 57 | 60 | 66 | – | 60 | 64 | 70 | – | 62 | 66 | 72 | – | 66 | 70 | 76 | – | 69 | 73 | 80 | – | 71 | 76 | 83 | – |
| | 650 | MBh | 20.7 | 21.5 | 23.5 | – | 20.2 | 21.0 | 23.0 | – | 19.8 | 20.5 | 22.4 | – | 19.3 | 20.0 | 21.9 | – | 18.3 | 19.0 | 20.8 | – | 17.0 | 17.6 | 19.3 | – |
| | | S/T | 0.65 | 0.54 | 0.38 | – | 0.67 | 0.56 | 0.39 | – | 0.69 | 0.58 | 0.40 | – | 0.71 | 0.59 | 0.41 | – | 0.74 | 0.62 | 0.43 | – | 0.75 | 0.62 | 0.43 | – |
| | | Delta T | 19 | 16 | 13 | – | 19 | 17 | 13 | – | 19 | 17 | 13 | – | 19 | 17 | 13 | – | 19 | 17 | 13 | – | 18 | 15 | 12 | – |
| | | KW | 1.38 | 1.41 | 1.46 | – | 1.50 | 1.53 | 1.59 | – | 1.60 | 1.64 | 1.70 | – | 1.70 | 1.74 | 1.80 | – | 1.78 | 1.82 | 1.89 | – | 1.84 | 1.89 | 1.96 | – |
| | | AMPS | 6.0 | 6.1 | 6.3 | – | 6.4 | 6.6 | 6.8 | – | 7.0 | 7.2 | 7.4 | – | 7.5 | 7.7 | 7.9 | – | 8.0 | 8.2 | 8.4 | – | 8.4 | 8.6 | 8.9 | – |
| | | HI PR | 136 | 146 | 154 | – | 152 | 164 | 173 | – | 173 | 187 | 197 | – | 198 | 213 | 224 | – | 222 | 239 | 252 | – | 245 | 264 | 279 | – |
| | | LO PR | 55 | 59 | 64 | – | 58 | 62 | 68 | – | 61 | 64 | 70 | – | 64 | 68 | 74 | – | 67 | 71 | 77 | – | 69 | 73 | 80 | – |
| 75 | 850 | MBh | 23.5 | 24.2 | 26.2 | 28.1 | 23.0 | 23.7 | 25.6 | 27.5 | 22.4 | 23.1 | 25.0 | 26.8 | 21.9 | 22.5 | 24.4 | 26.2 | 20.8 | 21.4 | 23.2 | 24.9 | 19.3 | 19.8 | 21.5 | 23.0 |
| | | S/T | 0.80 | 0.72 | 0.54 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.91 | 0.82 | 0.62 | 0.40 | 0.92 | 0.82 | 0.62 | 0.40 |
| | | Delta T | 20 | 19 | 15 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 15 | 11 | 19 | 18 | 14 | 10 |
| | | KW | 1.44 | 1.48 | 1.53 | 1.59 | 1.57 | 1.61 | 1.66 | 1.73 | 1.68 | 1.72 | 1.78 | 1.85 | 1.78 | 1.82 | 1.89 | 1.96 | 1.86 | 1.91 | 1.98 | 2.05 | 1.93 | 1.98 | 2.05 | 2.13 |
| | | AMPS | 6.2 | 6.4 | 6.6 | 6.8 | 6.7 | 6.9 | 7.1 | 7.4 | 7.3 | 7.5 | 7.8 | 8.1 | 7.8 | 8.08 | 3.0 | 8.6 | 8.3 | 8.5 | 8.8 | 9.2 | 8.8 | 9.1 | 9.4 | 9.7 |
| | | HI PR | 143 | 154 | 162 | 169 | 160 | 173 | 182 | 190 | 182 | 196 | 207 | 216 | 208 | 224 | 236 | 246 | 234 | 252 | 266 | 277 | 258 | 278 | 293 | 306 |
| | | LO PR | 58 | 62 | 67 | 72 | 61 | 65 | 71 | 76 | 64 | 68 | 74 | 79 | 67 | 71 | 78 | 83 | 70 | 75 | 81 | 87 | 73 | 77 | 84 | 90 |
| | 750 | MBh | 22.8 | 23.5 | 25.4 | 27.3 | 22.3 | 23.0 | 24.9 | 26.7 | 21.8 | 22.4 | 24.3 | 26.0 | 21.2 | 21.9 | 23.7 | 25.4 | 20.2 | 20.8 | 22.5 | 24.1 | 18.7 | 19.2 | 20.8 | 22.4 |
| | | S/T | 0.77 | 0.68 | 0.52 | 0.33 | 0.79 | 0.71 | 0.54 | 0.35 | 0.81 | 0.73 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.88 | 0.79 | 0.59 | 0.38 |
| | | Delta T | 21 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 20 | 19 | 15 | 10 |
| | | KW | 1.43 | 1.46 | 1.52 | 1.57 | 1.55 | 1.59 | 1.65 | 1.71 | 1.66 | 1.70 | 1.77 | 1.83 | 1.76 | | | | | | | | | | | |
| | | AMPS | | | | | | | | | | | | | | | | | | | | | | | | |
| | | HI PR | | | | | | | | | | | | | | | | | | | | | | | | |
| | | LO PR | | | | | | | | | | | | | | | | | | | | | | | | |
| | 650 | MBh | | | | | | | | | | | | | | | | | | | | | | | | |
| | | S/T | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Delta T | | | | | | | | | | | | | | | | | | | | | | | | |
| | | KW | | | | | | | | | | | | | | | | | | | | | | | | |
| | | AMPS | | | | | | | | | | | | | | | | | | | | | | | | |
| | | HI PR | | | | | | | | | | | | | | | | | | | | | | | | |
| | | LO PR | | | | | | | | | | | | | | | | | | | | | | | | |

*Entering Indoor Dry Bulb Temperature **Note:** Shaded area is ACCA (TVA) conditions.

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB* | Flow Rate | | 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 | 850 | MBh | 23.9 | 24.5 | 26.1 | 27.9 | 23.4 | 23.9 | 25.5 | 27.3 | 22.8 | 23.3 | 24.9 | 26.6 | 22.3 | 22.8 | 24.3 | 26.0 | 21.2 | 21.6 | 23.1 | 24.7 | 19.6 | 20.0 | 21.4 | 22.9 |
| | | S/T | 0.88 | 0.83 | 0.67 | 0.50 | 0.91 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.71 | 0.53 | 0.97 | 0.91 | 0.74 | 0.55 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.95 | 0.77 | 0.58 |
| | | Delta T | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 21 | 21 | 18 | 14 |
| | | KW | 1.46 | 1.49 | 1.54 | 1.60 | 1.58 | 1.62 | 1.68 | 1.74 | 1.69 | 1.74 | 1.80 | 1.87 | 1.79 | 1.84 | 1.91 | 1.98 | 1.88 | 1.93 | 2.00 | 2.07 | 1.95 | 2.00 | 2.07 | 2.15 |
| | | AMPS | 6.3 | 6.4 | 6.7 | 6.9 | 6.8 | 7.0 | 7.2 | 7.5 | 7.4 | 7.6 | 7.8 | 8.1 | 7.9 | 8.1 | 8.4 | 8.7 | 8.4 | 8.6 | 8.9 | 9.3 | 8.9 | 9.1 | 9.5 | 9.8 |
| | | HI PR | 144 | 155 | 164 | 171 | 162 | 174 | 184 | 192 | 184 | 198 | 209 | 218 | 210 | 226 | 238 | 249 | 236 | 254 | 268 | 280 | 261 | 281 | 296 | 309 |
| | | LO PR | 59 | 62 | 68 | 72 | 62 | 66 | 72 | 77 | 64 | 68 | 75 | 80 | 68 | 72 | 78 | 84 | 71 | 75 | 82 | 88 | 73 | 78 | 85 | 91 |
| | 750 | MBh | 23.2 | 23.7 | 25.4 | 27.1 | 22.7 | 23.2 | 24.8 | 26.5 | 22.2 | 22.6 | 24.2 | 25.9 | 21.6 | 22.1 | 23.6 | 25.2 | 20.5 | 21.0 | 22.4 | 24.0 | 19.0 | 19.4 | 20.8 | 22.2 |
| | | S/T | 0.84 | 0.79 | 0.64 | 0.48 | 0.87 | 0.82 | 0.66 | 0.50 | 0.89 | 0.84 | 0.68 | 0.51 | 0.92 | 0.85 | 0.70 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 0.96 | 0.90 | 0.74 | 0.55 |
| | | Delta T | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 22 | 22 | 19 | 15 |
| | | KW | 1.44 | 1.48 | 1.53 | 1.59 | 1.57 | 1.61 | 1.66 | 1.73 | 1.68 | 1.72 | 1.78 | 1.85 | 1.78 | 1.82 | 1.89 | 1.96 | 1.86 | 1.91 | 1.98 | 2.05 | 1.93 | 1.98 | 2.05 | 2.13 |
| | | AMPS | 6.2 | 6.4 | 6.6 | 6.8 | 6.7 | 6.9 | 7.1 | 7.4 | 7.3 | 7.5 | 7.8 | 8.1 | 7.8 | 8.0 | 8.3 | 8.6 | 8.3 | 8.6 | 8.8 | 9.2 | 8.8 | 9.1 | 9.4 | 9.7 |
| | | HI PR | 143 | 154 | 162 | 169 | 160 | 173 | 182 | 190 | 182 | 196 | 207 | 216 | 208 | 224 | 236 | 246 | 234 | 252 | 266 | 277 | 258 | 278 | 293 | 306 |
| | | LO PR | 58 | 62 | 67 | 72 | 61 | 65 | 71 | 76 | 64 | 68 | 74 | 79 | 67 | 71 | 78 | 83 | 70 | 75 | 81 | 87 | 73 | 77 | 84 | 90 |
| | 650 | MBh | 21.4 | 21.9 | 23.4 | 25.0 | 21.0 | 21.4 | 22.9 | 24.5 | 20.5 | 20.9 | 22.3 | 23.9 | 20.0 | 20.4 | 21.8 | 23.3 | 19.0 | 19.4 | 20.7 | 22.1 | 17.6 | 17.9 | 19.2 | 20.5 |
| | | S/T | 0.81 | 0.76 | 0.62 | 0.46 | 0.84 | 0.79 | 0.64 | 0.48 | 0.86 | 0.81 | 0.66 | 0.49 | 0.89 | 0.83 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.53 | 0.93 | 0.87 | 0.71 | 0.53 |
| | | Delta T | 25 | 24 | 20 | 16 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 16 | 23 | 22 | 19 | 15 |
| | | KW | 1.40 | 1.44 | 1.49 | 1.54 | 1.53 | 1.56 | 1.62 | 1.68 | 1.63 | 1.67 | 1.73 | 1.80 | 1.73 | 1.77 | 1.84 | 1.90 | 1.81 | 1.85 | 1.92 | 1.99 | 1.88 | 1.93 | 2.00 | 2.07 |
| | | AMPS | 6.1 | 6.2 | 6.4 | 6.7 | 6.6 | 6.7 | 6.9 | 7.2 | 7.1 | 7.3 | 7.5 | 7.8 | 7.6 | 7.8 | 8.1 | 8.4 | 8.1 | 8.3 | 8.6 | 8.9 | 8.6 | 8.8 | 9.1 | 9.5 |
| | | HI PR | 139 | 149 | 158 | 164 | 156 | 167 | 177 | 184 | 177 | 190 | 201 | 210 | 202 | 217 | 229 | 239 | 227 | 244 | 258 | 269 | 251 | 270 | 285 | 297 |
| | | LO PR | 56 | 60 | 65 | 70 | 59 | 63 | 69 | 74 | 62 | 66 | 72 | 76 | 65 | 69 | 75 | 80 | 68 | 72 | 79 | 84 | 70 | 7 | 82 | 87 |
| 85 | 850 | MBh | 24.4 | 24.8 | 26.0 | 27.7 | 23.8 | 24.2 | 25.4 | 27.1 | 23.2 | 23.7 | 24.8 | 26.4 | 22.7 | 23.1 | 24.2 | 25.8 | 21.5 | 21.9 | 23.0 | 24.5 | 19.9 | 20.3 | 21.3 | 22.7 |
| | | S/T | 0.92 | 0.89 | 0.80 | 0.65 | 0.96 | 0.92 | 0.83 | 0.68 | 0.98 | 0.95 | 0.85 | 0.69 | 1.00 | 0.98 | 0.88 | 0.72 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.92 | 0.75 |
| | | Delta T | 24 | 24 | 23 | 20 | 25 | 24 | 23 | 20 | 25 | 24 | 23 | 20 | 25 | 24 | 23 | 20 | 23 | 24 | 23 | 20 | 22 | 22 | 21 | 18 |
| | | KW | 1.47 | 1.50 | 1.56 | 1.61 | 1.60 | 1.64 | 1.69 | 1.76 | 1.71 | 1.75 | 1.82 | 1.88 | 1.81 | 1.86 | 1.92 | 1.99 | 1.90 | 1.94 | 2.01 | 2.09 | 1.97 | 2.02 | 2.09 | 2.17 |
| | | AMPS | 6.4 | 6.5 | 6.7 | 7.0 | 6.9 | 7.0 | 7.3 | 7.5 | 7.5 | 7.6 | 7.9 | 8.2 | 8.0 | 8.2 | 8.5 | 8.8 | 8.5 | 8.7 | 9.0 | 9.3 | 9.0 | 9.2 | 9.5 | 9.9 |
| | | HI PR | 146 | 157 | 166 | 173 | 164 | 176 | 186 | 194 | 186 | 200 | 211 | 221 | 212 | 228 | 241 | 251 | 238 | 257 | 271 | 283 | 263 | 284 | 299 | 312 |
| | | LO PR | 59 | 63 | 69 | 73 | 63 | 67 | 73 | 77 | 65 | 69 | 75 | 80 | 68 | 73 | 79 | 84 | 72 | 76 | 83 | 88 | 74 | 79 | 86 | 92 |
| | 750 | MBh | 23.6 | 24.1 | 25.2 | 26.9 | 23.1 | 23.5 | 24.7 | 26.3 | 22.5 | 23.0 | 24.1 | 25.7 | 22.0 | 22.4 | 23.5 | 25.1 | 20.9 | 21.3 | 22.3 | 23.8 | 19.4 | 19.7 | 20.7 | 22.0 |
| | | S/T | 0.88 | 0.85 | 0.77 | 0.62 | 0.91 | 0.88 | 0.79 | 0.64 | 0.94 | 0.90 | 0.81 | 0.66 | 0.97 | 0.93 | 0.84 | 0.68 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 0.97 | 0.88 | 0.71 |
| | | Delta T | 26 | 25 | 24 | 21 | 26 | 25 | 24 | 21 | 26 | 25 | 24 | 21 | 26 | 26 | 24 | 21 | 26 | 25 | 24 | 21 | 24 | 24 | 22 | 19 |
| | | KW | 1.46 | 1.49 | 1.54 | 1.60 | 1.58 | 1.62 | 1.68 | 1.74 | 1.69 | 1.74 | 1.80 | 1.87 | 1.79 | 1.84 | 1.91 | 1.98 | 1.88 | 1.93 | 2.00 | 2.07 | 1.95 | 2.00 | 2.07 | 2.15 |
| | | AMPS | 6.3 | 6.4 | 6.7 | 6.9 | 6.8 | 7.0 | 7.2 | 7.5 | 7.4 | 7.6 | 7.8 | 8.1 | 7.9 | 8.1 | 8.4 | 8.7 | 8.4 | 8.6 | 8.9 | 9.3 | 8.9 | 9.1 | 9.5 | 9.8 |
| | | HI PR | 144 | 155 | 164 | 171 | 162 | 174 | 184 | 192 | 184 | 198 | 209 | 218 | 210 | 226 | 238 | 249 | 236 | 254 | 268 | 280 | 261 | 281 | 296 | 309 |
| | | LO PR | 59 | 62 | 68 | 72 | 62 | 66 | 72 | 7 | 64 | 68 | 75 | 80 | 68 | 72 | 78 | 84 | 71 | 75 | 82 | 88 | 73 | 78 | 85 | 91 |
| | 650 | MBh | 21.8 | 22.2 | 23.3 | 24.9 | 21.3 | 21.7 | 22.8 | 24.3 | 20.8 | 21.2 | 22.2 | 23.7 | 20.3 | 20.7 | 21.7 | 23.1 | 19.3 | 19.7 | 20.6 | 22.0 | 17.9 | 18.2 | 19.1 | 20.3 |
| | | S/T | 0.85 | 0.82 | 0.74 | 0.60 | 0.88 | 0.85 | 0.77 | 0.62 | 0.90 | 0.87 | 0.79 | 0.64 | 0.93 | 0.90 | 0.81 | 0.66 | 0.97 | 0.93 | 0.84 | 0.68 | 0.97 | 0.94 | 0.85 | 0.69 |
| | | Delta T | 26 | 26 | 24 | 21 | 27 | 26 | 25 | 21 | 27 | 26 | 25 | 21 | 27 | 26 | 25 | 22 | 26 | 26 | 25 | 21 | 25 | 24 | 23 | 20 |
| | | KW | 1.42 | 1.45 | 1.50 | 1.56 | 1.54 | 1.58 | 1.63 | 1.69 | 1.65 | 1.69 | 1.75 | 1.81 | 1.74 | 1.79 | 1.85 | 1.92 | 1.83 | 1.87 | 1.94 | 2.01 | 1.90 | 1.94 | 2.02 | 2.09 |
| | | AMPS | 6.1 | 6.3 | 6.5 | 6.7 | 6.6 | 6.8 | 7.0 | 7.3 | 7.2 | 7.4 | 7.6 | 7.9 | 7.7 | 7.9 | 8.1 | 8.5 | 8.2 | 8.4 | 8.7 | 9.0 | 8.7 | 8.9 | 9.2 | 9.5 |
| | | HI PR | 140 | 151 | 159 | 166 | 157 | 169 | 179 | 186 | 179 | 192 | 203 | 212 | 204 | 219 | 231 | 241 | 229 | 246 | 260 | 271 | 253 | 272 | 288 | 300 |
| | | LO PR | 57 | 60 | 66 | 70 | 60 | 64 | 70 | 74 | 62 | 66 | 72 | 77 | 66 | 70 | 76 | 81 | 69 | 73 | 80 | 85 | 71 | 76 | 83 | 88 |

*Entering Indoor Dry Bulb Temperature **Note:** Shaded area is ARI Rating conditions.

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB* | Flow Rate | | 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 | 850 | MBh | 27.4 | 28.4 | 31.1 | – | 26.7 | 27.7 | 30.4 | – | 26.1 | 27.0 | 29.6 | – | 25.5 | 26.4 | 28.9 | – | 24.2 | 25.1 | 27.5 | – | 22.4 | 23.2 | 25.4 | – |
| | | S/T | 0.66 | 0.55 | 0.38 | – | 0.68 | 0.57 | 0.39 | – | 0.70 | 0.58 | 0.40 | – | 0.72 | 0.60 | 0.42 | – | 0.75 | 0.63 | 0.43 | – | 0.76 | 0.63 | 0.44 | – |
| | | Delta T | 19 | 17 | 13 | – | 20 | 17 | 13 | – | 20 | 17 | 13 | – | 20 | 17 | 13 | – | 20 | 17 | 13 | – | 18 | 16 | 12 | – |
| | | KW | 2.08 | 2.12 | 2.18 | – | 2.23 | 2.27 | 2.34 | – | 2.36 | 2.41 | 2.48 | – | 2.48 | 2.53 | 2.61 | – | 2.57 | 2.63 | 2.71 | – | 2.66 | 2.72 | 2.80 | – |
| | | AMPS | 8.0 | 8.2 | 8.5 | – | 8.6 | 8.8 | 9.1 | – | 9.4 | 9.6 | 9.9 | – | 10.0 | 10.2 | 10.5 | – | 10.6 | 10.8 | 11.2 | – | 11.2 | 11.5 | 11.9 | – |
| | | HI PR | 139 | 149 | 158 | – | 156 | 168 | 177 | – | 177 | 191 | 201 | – | 202 | 217 | 229 | – | 227 | 244 | 258 | – | 251 | 270 | 285 | – |
| | | LO PR | 57 | 61 | 67 | – | 61 | 64 | 70 | – | 63 | 67 | 73 | – | 66 | 70 | 77 | – | 69 | 74 | 80 | – | 72 | 76 | 83 | – |
| | 900 | MBh | 27.8 | 28.8 | 31.5 | – | 27.1 | 28.1 | 30.8 | – | 26.5 | 27.5 | 30.1 | – | 25.8 | 26.8 | 29.3 | – | 24.5 | 25.4 | 27.9 | – | 22.7 | 23.6 | 25.8 | – |
| | | S/T | 0.68 | 0.57 | 0.39 | – | 0.71 | 0.59 | 0.41 | – | 0.72 | 0.61 | 0.42 | – | 0.75 | 0.62 | 0.43 | – | 0.78 | 0.65 | 0.45 | – | 0.78 | 0.65 | 0.45 | – |
| | | Delta T | 19 | 17 | 13 | – | 20 | 17 | 13 | – | 20 | 17 | 13 | – | 20 | 17 | 13 | – | 19 | 17 | 13 | – | 18 | 16 | 12 | – |
| | | KW | 2.11 | 2.15 | 2.21 | – | 2.26 | 2.30 | 2.37 | – | 2.39 | 2.44 | 2.52 | – | 2.51 | 2.56 | 2.64 | – | 2.61 | 2.66 | 2.75 | – | 2.70 | 2.75 | 2.84 | – |
| | | AMPS | 8.1 | 8.3 | 8.6 | – | 8.8 | 9.0 | 9.3 | – | 9.5 | 9.7 | 10.0 | – | 10.1 | 10.4 | 10.7 | – | 10.8 | 11.0 | 11.4 | – | 11.4 | 11.7 | 12.0 | – |
| | | HI PR | 141 | 152 | 160 | – | 158 | 171 | 180 | – | 180 | 194 | 205 | – | 205 | 221 | 233 | – | 231 | 248 | 262 | – | 255 | 275 | 290 | – |
| | | LO PR | 58 | 62 | 68 | – | 62 | 66 | 72 | – | 64 | 68 | 74 | – | 67 | 72 | 78 | – | 70 | 75 | 82 | – | 73 | 78 | 85 | – |
| | 1000 | MBh | 28.2 | 29.2 | 32.0 | – | 27.5 | 28.5 | 31.3 | – | 26.9 | 27.9 | 30.5 | – | 26.2 | 27.2 | 29.8 | – | 24.9 | 25.8 | 28.3 | – | 23.1 | 23.9 | 26.2 | – |
| | | S/T | 0.71 | 0.59 | 0.41 | – | 0.74 | 0.62 | 0.43 | – | 0.76 | 0.63 | 0.44 | – | 0.78 | 0.65 | 0.45 | – | 0.81 | 0.68 | 0.47 | – | 0.82 | 0.68 | 0.47 | – |
| | | Delta T | 18 | 16 | 12 | – | 19 | 16 | 12 | – | 19 | 16 | 12 | – | 19 | 16 | 12 | – | 19 | 16 | 12 | – | 17 | 15 | 11 | – |
| | | KW | 2.12 | 2.16 | 2.22 | – | 2.27 | 2.32 | 2.39 | – | 2.41 | 2.45 | 2.53 | – | 2.52 | 2.58 | 2.66 | – | 2.62 | 2.68 | 2.76 | – | 2.71 | 2.77 | 2.86 | – |
| | | AMPS | 8.2 | 8.4 | 8.6 | – | 8.8 | 9.0 | 9.3 | – | 9.6 | 9.8 | 10.1 | – | 10.2 | 10.4 | 10.8 | – | 10.8 | 11.1 | 11.4 | – | 11.5 | 11.7 | 12.1 | – |
| | | HI PR | 142 | 153 | 162 | – | 160 | 172 | 181 | – | 181 | 195 | 206 | – | 207 | 222 | 235 | – | 233 | 250 | 264 | – | 257 | 276 | 292 | – |
| | | LO PR | 59 | 62 | 68 | – | 62 | 66 | 72 | – | 64 | 69 | 75 | – | 68 | 72 | 79 | – | 71 | 76 | 82 | – | 73 | 78 | 85 | – |
| 75 | 850 | MBh | 27.8 | 28.7 | 31.0 | 33.3 | 27.2 | 28.0 | 30.3 | 32.5 | 26.5 | 27.3 | 29.6 | 31.7 | 25.9 | 26.7 | 28.8 | 31.0 | 24.6 | 25.3 | 27.4 | 29.4 | 22.8 | 23.5 | 25.4 | 27.2 |
| | | S/T | 0.75 | 0.67 | 0.51 | 0.33 | 0.77 | 0.69 | 0.52 | 0.34 | 0.79 | 0.71 | 0.54 | 0.35 | 0.82 | 0.73 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.86 | 0.77 | 0.58 | 0.37 |
| | | Delta T | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 21 | 19 | 16 | 11 |
| | | KW | 2.10 | 2.14 | 2.20 | 2.27 | 2.25 | 2.29 | 2.36 | 2.43 | 2.38 | 2.43 | 2.50 | 2.58 | 2.50 | 2.55 | 2.63 | 2.71 | 2.60 | 2.65 | 2.73 | 2.82 | 2.68 | 2.74 | 2.82 | 2.91 |
| | | AMPS | 8.1 | 8.3 | 8.5 | 8.8 | 8.7 | 8.9 | 9.2 | 9.5 | 9.4 | 9.7 | 10.0 | 10.3 | 10.1 | 10.3 | 10.6 | 11.0 | 10.7 | 10.9 | 11.3 | 11.7 | 11.3 | 11.6 | 12.0 | 12.4 |
| | | HI PR | 140 | 151 | 159 | 166 | 157 | 169 | 179 | 186 | 179 | 193 | 203 | 212 | 204 | 219 | 232 | 242 | 229 | 247 | 261 | 272 | 253 | 273 | 288 | 300 |
| | | LO PR | 58 | 62 | 67 | 72 | 61 | 65 | 71 | 76 | 64 | 68 | 74 | 79 | 67 | 71 | 778 | 83 | 70 | 74 | 81 | 87 | 72 | 77 | 84 | 90 |
| | 900 | MBh | 28.3 | 29.1 | 31.5 | 33.8 | 27.6 | 28.4 | 30.8 | 33.0 | 26.9 | 27.7 | 30.0 | 32.2 | 26.3 | 27.1 | 29.3 | 31.4 | 25.0 | 25.7 | 27.8 | 29.9 | 23.1 | 23.8 | 25.8 | 27.7 |
| | | S/T | 0.78 | 0.69 | 0.52 | 0.34 | 0.80 | 0.72 | 0.54 | 0.35 | 0.82 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.89 | 0.80 | 0.60 | 0.39 |
| | | Delta T | 22 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 21 | 19 | 16 | 11 |
| | | KW | 2.12 | 2.17 | 2.23 | 2.30 | 2.28 | 2.32 | 2.39 | 2.47 | 2.41 | 2.46 | 2.54 | 2.62 | 2.53 | 2.58 | 2.66 | 2.75 | 2.63 | 2.69 | 2.77 | 2.86 | 2.72 | 2.78 | 2.86 | 2.96 |
| | | AMPS | 8.2 | 8.4 | 8.7 | 9.0 | 8.8 | 9.0 | 9.3 | 9.7 | 9.6 | 9.8 | 10.1 | 10.5 | 10.2 | 10.5 | 10.8 | 11.2 | 10.9 | 11.1 | 11.5 | 11.9 | 11.5 | 11.8 | 12.2 | 12.6 |
| | | HI PR | 143 | 154 | 162 | 169 | 160 | 172 | 182 | 190 | 182 | 196 | 207 | 216 | 207 | 223 | 236 | 246 | 233 | 251 | 265 | 276 | 258 | 277 | 293 | 305 |
| | | LO PR | 59 | 63 | 68 | 73 | 62 | 66 | 72 | 77 | 65 | 69 | 75 | 80 | 68 | 72 | 79 | 84 | 71 | 76 | 83 | 88 | 74 | 78 | 86 | 91 |
| | 1000 | MBh | 28.7 | 29.5 | 32.0 | 34.3 | 28.0 | 28.8 | 31.2 | 33.5 | 27.3 | 28.2 | 30.5 | 32.7 | 26.7 | 27.5 | 29.7 | 31.9 | 25.3 | 26.1 | 28.2 | 30.3 | 23.5 | 24.2 | 26.2 | 28.1 |
| | | S/T | 0.81 | 0.72 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.37 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.79 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.93 | 0.83 | 0.63 | 0.40 |
| | | Delta T | 21 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 21 | 20 | 16 | 11 | 20 | 18 | 15 | 10 |
| | | KW | 2.14 | 2.18 | 2.24 | 2.31 | 2.29 | 2.33 | 2.41 | 2.48 | 2.42 | 2.47 | 2.55 | 2.63 | 2.54 | 2.60 | 2.68 | 2.76 | 2.65 | 2.70 | 2.79 | 2.88 | 2.73 | 2.79 | 2.88 | 2.97 |
| | | AMPS | 8.3 | 8.4 | 8.7 | 9.0 | 8.9 | 9.1 | 9.4 | 9.7 | 9.6 | 9.9 | 10.2 | 10.6 | 10.3 | 10.5 | 10.9 | 11.3 | 10.9 | 11.2 | 11.6 | 12.0 | 11.6 | 11.8 | 12.2 | 12.7 |
| | | HI PR | 144 | 155 | 163 | 170 | 161 | 173 | 183 | 191 | 183 | 197 | 208 | 217 | 209 | 225 | 237 | 247 | 235 | 253 | 267 | 278 | 260 | 279 | 295 | 308 |
| | | LO PR | 59 | 63 | 69 | 73 | 63 | 67 | 73 | 78 | 65 | 69 | 76 | 81 | 68 | 73 | 79 | 85 | 72 | 76 | 83 | 89 | 74 | 79 | 86 | 92 |

*Entering Indoor Dry Bulb Temperature **Note:** Shaded area is ACCA (TVA) conditions.

| Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | | | |
| IDB* | Flow Rate | | 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 | 850 | MBh | 28.3 | 28.9 | 30.9 | 33.1 | 27.7 | 28.3 | 30.2 | 32.3 | 27.0 | 27.6 | 29.5 | 31.5 | 26.3 | 26.9 | 28.8 | 30.7 | 25.0 | 25.6 | 27.3 | 29.2 | 23.2 | 23.7 | 25.3 | 27.1 |
| | | S/T | 0.82 | 0.77 | 0.63 | 0.47 | 0.85 | 0.80 | 0.65 | 0.48 | 0.87 | 0.82 | 0.67 | 0.50 | 0.90 | 0.84 | 0.69 | 0.51 | 0.93 | 0.88 | 0.71 | 0.53 | 0.94 | 0.88 | 0.72 | 0.54 |
| | | Delta T | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 26 | 25 | 21 | 17 | 25 | 24 | 21 | 17 | 24 | 23 | 20 | 16 |
| | | KW | 2.11 | 2.15 | 2.22 | 2.28 | 2.26 | 2.31 | 2.38 | 2.45 | 2.40 | 2.45 | 2.52 | 2.60 | 2.52 | 2.57 | 2.65 | 2.73 | 2.62 | 2.67 | 2.75 | 2.84 | 2.70 | 2.76 | 2.85 | 2.94 |
| | | AMPS | 8.2 | 8.3 | 8.6 | 8.9 | 8.8 | 9.0 | 9.3 | 9.6 | 9.5 | 9.7 | 10.1 | 10.4 | 10.2 | 10.4 | 10.7 | 11.1 | 10.8 | 11.0 | 11.4 | 11.8 | 11.4 | 11.7 | 12.1 | 12.5 |
| | | HI PR | 142 | 152 | 161 | 168 | 159 | 171 | 181 | 188 | 181 | 195 | 205 | 214 | 206 | 222 | 234 | 244 | 232 | 249 | 263 | 275 | 256 | 275 | 291 | 303 |
| | | LO PR | 58 | 62 | 68 | 72 | 62 | 66 | 72 | 76 | 64 | 68 | 75 | 79 | 67 | 72 | 78 | 83 | 71 | 75 | 82 | 87 | 73 | 78 | 85 | 90 |
| | 900 | MBh | 28.8 | 29.4 | 31.4 | 33.6 | 28.1 | 28.7 | 30.7 | 32.8 | 27.4 | 28.0 | 29.9 | 32.0 | 26.7 | 27.3 | 29.2 | 31.2 | 25.4 | 26.0 | 27.7 | 29.7 | 23.5 | 24.1 | 25.7 | 27.5 |
| | | S/T | 0.85 | 0.80 | 0.65 | 0.49 | 0.88 | 0.83 | 0.67 | 0.50 | 0.90 | 0.85 | 0.69 | 0.52 | 0.93 | 0.87 | 0.71 | 0.53 | 0.97 | 0.91 | 0.74 | 0.55 | 0.98 | 0.92 | 0.75 | 0.56 |
| | | Delta T | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 23 | 22 | 20 | 16 |
| | | KW | 2.14 | 2.18 | 2.25 | 2.31 | 2.29 | 2.34 | 2.41 | 2.49 | 2.43 | 2.48 | 2.56 | 2.64 | 2.55 | 2.60 | 2.68 | 2.77 | 2.65 | 2.71 | 2.79 | 2.88 | 2.74 | 2.80 | 2.89 | 2.98 |
| | | AMPS | 8.3 | 8.5 | 8.7 | 9.0 | 8.9 | 9.1 | 9.4 | 9.8 | 9.7 | 9.9 | 10.2 | 10.6 | 10.3 | 10.6 | 10.9 | 11.3 | 11.0 | 11.2 | 11.6 | 12.0 | 11.6 | 11.9 | 12.3 | 12.7 |
| | | HI PR | 144 | 155 | 164 | 171 | 162 | 174 | 184 | 192 | 184 | 198 | 209 | 218 | 209 | 225 | 238 | 248 | 236 | 254 | 268 | 279 | 260 | 280 | 296 | 309 |
| | | LO PR | 59 | 63 | 69 | 74 | 63 | 67 | 73 | 78 | 65 | 70 | 76 | 81 | 69 | 73 | 80 | 85 | 72 | 77 | 84 | 89 | 74 | 79 | 86 | 92 |
| | 1000 | MBh | 29.2 | 29.8 | 31.9 | 34.1 | 28.5 | 29.1 | 31.1 | 33.3 | 27.8 | 28.4 | 30.4 | 32.5 | 27.1 | 27.7 | 29.6 | 31.7 | 25.8 | 26.4 | 28.2 | 30.1 | 23.9 | 24.4 | 26.1 | 27.9 |
| | | S/T | 0.89 | 0.83 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.53 | 0.94 | 0.89 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 0.96 | 0.78 | 0.58 |
| | | Delta T | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 22 | 21 | 19 | 15 |
| | | KW | 2.15 | 2.19 | 2.26 | 2.33 | 2.31 | 2.35 | 2.42 | 2.50 | 2.44 | 2.49 | 2.57 | 2.65 | 2.56 | 2.62 | 2.70 | 2.78 | 2.67 | 2.72 | 2.81 | 2.90 | 2.75 | 2.81 | 2.90 | 3.00 |
| | | AMPS | 8.3 | 8.5 | 8.8 | 9.1 | 9.0 | 9.2 | 9.5 | 9.8 | 9.7 | 10.0 | 10.3 | 10.7 | 10.4 | 10.6 | 11.0 | 11.4 | 11.0 | 11.3 | 11.7 | 12.1 | 11.7 | 11.9 | 12.3 | 12.8 |
| | | HI PR | 145 | 156 | 165 | 172 | 163 | 175 | 185 | 193 | 185 | 199 | 210 | 219 | 211 | 227 | 240 | 250 | 237 | 255 | 270 | 281 | 262 | 282 | 298 | 311 |
| | | LO PR | 60 | 64 | 70 | 74 | 63 | 67 | 74 | 78 | 66 | 70 | 76 | 81 | 69 | 74 | 80 | 85 | 72 | 77 | 84 | 90 | 75 | 80 | 87 | 93 |
| 85 | 850 | MBh | 28.8 | 29.4 | 30.8 | 32.8 | 28.1 | 28.7 | 30.0 | 32.1 | 27.5 | 28.0 | 29.3 | 31.3 | 26.8 | 27.3 | 28.6 | 30.5 | 25.5 | 26.0 | 27.2 | 29.0 | 23.6 | 24.0 | 25.2 | 26.9 |
| | | S/T | 0.86 | 0.83 | 0.75 | 0.61 | 0.89 | 0.86 | 0.78 | 0.63 | 0.91 | 0.88 | 0.80 | 0.65 | 0.94 | 0.91 | 0.82 | 0.67 | 0.98 | 0.94 | 0.85 | 0.69 | 0.99 | 0.95 | 0.86 | 0.70 |
| | | Delta T | 27 | 26 | 25 | 22 | 27 | 27 | 25 | 22 | 27 | 27 | 25 | 22 | 27 | 27 | 25 | 22 | 27 | 27 | 25 | 22 | 25 | 25 | 23 | 20 |
| | | KW | 2.13 | 2.17 | 2.23 | 2.30 | 2.28 | 2.33 | 2.40 | 2.47 | 2.42 | 2.47 | 2.54 | 2.62 | 2.54 | 2.59 | 2.67 | 2.75 | 2.64 | 2.69 | 2.78 | 2.87 | 2.72 | 2.78 | 2.87 | 2.96 |
| | | AMPS | 8.2 | 8.4 | 8.7 | 9.0 | 8.9 | 9.1 | 9.4 | 9.7 | 9.6 | 9.8 | 10.1 | 10.5 | 10.2 | 10.5 | 10.8 | 11.2 | 10.9 | 11.1 | 11.5 | 11.9 | 11.5 | 11.8 | 12.2 | 12.6 |
| | | HI PR | 143 | 154 | 163 | 170 | 161 | 173 | 182 | 190 | 183 | 196 | 207 | 216 | 208 | 224 | 236 | 246 | 234 | 252 | 266 | 277 | 258 | 278 | 294 | 306 |
| | | LO PR | 59 | 63 | 69 | 73 | 62 | 66 | 72 | 77 | 65 | 69 | 75 | 80 | 68 | 72 | 79 | 84 | 71 | 76 | 83 | 88 | 74 | 79 | 86 | 91 |
| | 900 | MBh | 29.3 | 29.8 | 31.2 | 33.3 | 28.6 | 29.1 | 30.5 | 32.5 | 27.9 | 28.4 | 29.8 | 31.8 | 27.2 | 27.7 | 29.1 | 31.0 | 25.9 | 26.4 | 27.6 | 29.4 | 23.9 | 24.4 | 25.6 | 27.3 |
| | | S/T | 0.89 | 0.86 | 0.78 | 0.63 | 0.92 | 0.89 | 0.80 | 0.65 | 0.95 | 0.91 | 0.82 | 0.67 | 0.98 | 0.94 | 0.85 | 0.69 | 1.00 | 0.98 | 0.88 | 0.72 | 1.00 | 0.99 | 0.89 | 0.72 |
| | | Delta T | 27 | 26 | 25 | 21 | 27 | 27 | 25 | 22 | 27 | 27 | 25 | 22 | 27 | 27 | 25 | 22 | 26 | 26 | 25 | 22 | 24 | 25 | 23 | 20 |
| | | KW | 2.16 | 2.20 | 2.26 | 2.33 | 2.31 | 2.36 | 2.43 | 2.50 | 2.45 | 2.50 | 2.58 | 2.66 | 2.57 | 2.62 | 2.71 | 2.79 | 2.67 | 2.73 | 2.82 | 2.91 | 2.76 | 2.82 | 2.91 | 3.00 |
| | | AMPS | 8.3 | 85 | 8.8 | 9.1 | 9.0 | 9.2 | 9.5 | 9.8 | 9.8 | 10.0 | 10.3 | 10.7 | 10.4 | 10.7 | 11.0 | 11.4 | 11.1 | 11.3 | 11.7 | 12.1 | 11.7 | 12.0 | 12.4 | 12.8 |
| | | HI PR | 146 | 157 | 165 | 172 | 163 | 176 | 186 | 194 | 186 | 200 | 211 | 220 | 212 | 228 | 240 | 251 | 238 | 256 | 270 | 282 | 263 | 283 | 299 | 312 |
| | | LO PR | 60 | 64 | 70 | 74 | 63 | 68 | 74 | 79 | 66 | 70 | 77 | 82 | 69 | 74 | 80 | 86 | 73 | 77 | 84 | 90 | 75 | 80 | 87 | 93 |
| | 1000 | MBh | 29.7 | 30.3 | 31.7 | 33.8 | 29.0 | 29.6 | 31.0 | 33.0 | 28.3 | 28.9 | 30.2 | 32.2 | 27.6 | 28.2 | 29.5 | 31.5 | 26.2 | 26.7 | 28.0 | 29.9 | 24.3 | 24.8 | 26.0 | 27.7 |
| | | S/T | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.93 | 0.76 |
| | | Delta T | 25 | 25 | 24 | 20 | 26 | 25 | 24 | 21 | 26 | 25 | 24 | 21 | 25 | 26 | 24 | 21 | 24 | 25 | 24 | 21 | 22 | 23 | 22 | 19 |
| | | KW | 2.17 | 2.21 | 2.28 | 2.34 | 2.32 | 2.37 | 2.44 | 2.52 | 2.46 | 2.51 | 2.59 | 2.67 | 2.58 | 2.64 | 2.72 | 2.81 | 2.69 | 2.74 | 2.83 | 2.92 | 2.78 | 2.84 | 2.93 | 3.02 |
| | | AMPS | 8.4 | 8.6 | 8.9 | 9.2 | 9.1 | 9.3 | 9.6 | 9.9 | 9.8 | 10.0 | 10.4 | 10.7 | 10.5 | 10.7 | 11.1 | 11.5 | 11.1 | 11.4 | 11.8 | 12.2 | 11.8 | 12.1 | 12.5 | 12.9 |
| | | HI PR | 147 | 158 | 167 | 174 | 164 | 177 | 187 | 195 | 187 | 201 | 213 | 222 | 213 | 229 | 242 | 252 | 240 | 258 | 272 | 284 | 265 | 285 | 301 | 314 |
| | | LO PR | 61 | 64 | 70 | 75 | 64 | 68 | 74 | 79 | 66 | 71 | 77 | 82 | 707 | 74 | 81 | 86 | 73 | 78 | 85 | 90 | 76 | 80 | 88 | 94 |

*Entering Indoor Dry Bulb Temperature **Note:** Shaded area is ARI Rating conditions.

## Expanded Performance Data Cooling Operation—AFAIR12B36

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB* | Flow Rate | | 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 | 1200 | MBh | 33.8 | 35.1 | 38.4 | – | 33.0 | 34.2 | 37.5 | – | 32.3 | 33.4 | 36.6 | – | 31.5 | 32.6 | 35.7 | – | 29.9 | 31.0 | 33.9 | – | 27.7 | 28.7 | 31.4 | – |
| | | S/T | 0.70 | 0.58 | 0.40 | – | 0.73 | 0.61 | 0.42 | – | 0.74 | 0.62 | 0.43 | – | 0.77 | 0.64 | 0.44 | – | 0.80 | 0.67 | 0.46 | – | 0.80 | 0.67 | 0.46 | – |
| | | Delta T | 18 | 16 | 12 | – | 18 | 16 | 12 | – | 18 | 16 | 12 | – | 19 | 16 | 12 | – | 18 | 16 | 12 | – | 17 | 15 | 11 | – |
| | | KW | 2.27 | 2.32 | 2.40 | – | 2.46 | 2.52 | 2.61 | – | 2.63 | 2.69 | 2.79 | – | 2.78 | 2.85 | 2.95 | – | 2.91 | 2.98 | 3.08 | – | 3.02 | 3.09 | 3.20 | – |
| | | AMPS | 10.2 | 10.4 | 10.7 | – | 10.9 | 11.2 | 11.6 | – | 11.9 | 12.2 | 12.5 | – | 12.7 | 13.0 | 13.4 | – | 13.5 | 13.8 | 14.2 | – | 14.2 | 14.6 | 15.1 | – |
| | | HI PR | 140 | 150 | 159 | – | 157 | 169 | 178 | – | 178 | 192 | 203 | – | 203 | 219 | 231 | – | 229 | 246 | 260 | – | 253 | 272 | 287 | – |
| | | LO PR | 58 | 61 | 67 | – | 61 | 65 | 71 | – | 63 | 67 | 74 | – | 67 | 71 | 77 | – | 70 | 74 | 81 | – | 72 | 77 | 84 | – |
| | 1100 | MBh | 33.5 | 34.7 | 38.0 | – | 32.7 | 33.9 | 37.1 | – | 31.9 | 33.1 | 36.3 | – | 31.2 | 32.3 | 35.4 | – | 29.6 | 30.7 | 33.6 | – | 27.4 | 28.4 | 31.1 | – |
| | | S/T | 0.69 | 0.57 | 0.40 | – | 0.71 | 0.59 | 0.41 | – | 0.73 | 0.61 | 0.42 | – | 0.75 | 0.63 | 0.44 | – | 0.78 | 0.65 | 0.45 | – | 0.79 | 0.66 | 0.46 | – |
| | | Delta T | 19 | 17 | 13 | – | 19 | 17 | 13 | – | 19 | 17 | 13 | – | 20 | 17 | 13 | – | 19 | 17 | 13 | – | 18 | 16 | 12 | – |
| | | KW | 2.26 | 2.31 | 2.39 | – | 2.45 | 2.51 | 2.60 | – | 2.62 | 2.68 | 2.78 | – | 2.77 | 2.84 | 2.94 | – | 2.90 | 2.97 | 3.07 | – | 3.01 | 3.08 | 3.19 | – |
| | | AMPS | 10.1 | 10.4 | 10.7 | – | 10.9 | 11.2 | 11.5 | – | 11.8 | 12.1 | 12.5 | – | 12.6 | 12.9 | 13.4 | – | 13.4 | 13.7 | 14.2 | – | 14.2 | 14.5 | 15.0 | – |
| | | HI PR | 139 | 150 | 158 | – | 156 | 168 | 178 | – | 178 | 191 | 202 | – | 203 | 218 | 230 | – | 228 | 245 | 259 | – | 252 | 271 | 286 | – |
| | | LO PR | 58 | 61 | 67 | – | 61 | 65 | 71 | – | 63 | 67 | 73 | – | 66 | 71 | 77 | – | 70 | 74 | 81 | – | 72 | 77 | 84 | – |
| | 1050 | MBh | 33.2 | 34.4 | 37.6 | – | 32.4 | 33.6 | 36.8 | – | 31.6 | 32.8 | 35.9 | – | 30.8 | 32.0 | 35.0 | – | 29.3 | 30.4 | 33.3 | – | 27.1 | 28.1 | 30.8 | – |
| | | S/T | 0.68 | 0.57 | 0.39 | – | 0.70 | 0.59 | 0.41 | – | 0.72 | 0.60 | 0.42 | – | 0.75 | 0.62 | 0.43 | – | 0.77 | 0.65 | 0.45 | – | 0.78 | 0.65 | 0.45 | – |
| | | Delta T | 20 | 17 | 13 | – | 20 | 17 | 13 | – | 20 | 17 | 13 | – | 20 | 17 | 13 | – | 20 | 17 | 13 | – | 19 | 16 | 12 | – |
| | | KW | 2.23 | 2.29 | 2.37 | – | 2.42 | 2.48 | 2.57 | – | 2.59 | 2.65 | 2.75 | – | 2.74 | 2.80 | 2.90 | – | 2.86 | 2.93 | 3.04 | – | 2.97 | 3.04 | 3.15 | – |
| | | AMPS | 10.0 | 10.2 | 10.6 | – | 10.8 | 11.0 | 11.4 | – | 11.7 | 12.0 | 12.4 | – | 12.5 | 12.8 | 13.2 | – | 13.3 | 13.6 | 14.0 | – | 14.0 | 14.4 | 14.9 | – |
| | | HI PR | 138 | 148 | 156 | – | 154 | 166 | 175 | – | 176 | 189 | 200 | – | 200 | 215 | 227 | – | 225 | 242 | 256 | – | 249 | 268 | 283 | – |
| | | LO PR | 57 | 60 | 66 | – | 60 | 64 | 70 | – | 62 | 66 | 72 | – | 66 | 70 | 76 | – | 69 | 73 | 80 | – | 71 | 76 | 83 | – |
| 75 | 1200 | MBh | 34.4 | 35.4 | 38.3 | 41.1 | 33.6 | 34.6 | 37.4 | 40.2 | 32.8 | 33.8 | 36.6 | 39.2 | 32.0 | 32.9 | 35.7 | 38.3 | 30.4 | 31.3 | 33.9 | 36.4 | 28.2 | 29.0 | 31.4 | 33.7 |
| | | S/T | 0.80 | 0.71 | 0.54 | 0.35 | 0.82 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.91 | 0.81 | 0.61 | 0.39 | 0.91 | 0.82 | 0.62 | 0.40 |
| | | Delta T | 21 | 19 | 16 | 11 | 21 | 20 | 16 | 11 | 21 | 20 | 16 | 11 | 21 | 20 | 16 | 11 | 21 | 19 | 16 | 11 | 20 | 18 | 15 | 10 |
| | | KW | 2.29 | 2.34 | 2.42 | 2.51 | 2.48 | 2.54 | 2.63 | 2.72 | 2.65 | 2.72 | 2.81 | 2.91 | 2.80 | 2.87 | 2.97 | 3.08 | 2.93 | 3.00 | 3.11 | 3.22 | 3.04 | 3.12 | 3.23 | 3.35 |
| | | AMPS | 10.2 | 10.5 | 10.8 | 11.2 | 11.0 | 11.3 | 11.7 | 12.1 | 12.0 | 12.3 | 12.7 | 13.1 | 12.8 | 13.1 | 13.5 | 14.0 | 13.6 | 13.9 | 14.4 | 14.9 | 14.4 | 14.7 | 15.2 | 15.8 |
| | | HI PR | 141 | 152 | 161 | 167 | 159 | 171 | 180 | 188 | 180 | 194 | 205 | 214 | 205 | 221 | 233 | 243 | 231 | 249 | 263 | 274 | 255 | 275 | 290 | 303 |
| | | LO PR | 58 | 62 | 68 | 72 | 62 | 66 | 72 | 76 | 64 | 68 | 74 | 79 | 67 | 72 | 78 | 83 | 71 | 75 | 82 | 87 | 73 | 78 | 85 | 90 |
| | 1100 | MBh | 34.1 | 35.1 | 38.0 | 40.7 | 33.3 | 34.2 | 37.1 | 39.8 | 32.5 | 33.4 | 36.2 | 38.8 | 31.7 | 32.6 | 35.3 | 37.9 | 30.1 | 31.0 | 33.5 | 36.0 | 27.9 | 28.7 | 31.1 | 33.3 |
| | | S/T | 0.78 | 0.70 | 0.53 | 0.34 | 0.81 | 0.72 | 0.55 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.79 | 0.60 | 0.39 | 0.90 | 0.80 | 0.61 | 0.39 |
| | | Delta T | 22 | 20 | 17 | 12 | 22 | 21 | 17 | 12 | 22 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 22 | 21 | 17 | 12 | 21 | 19 | 16 | 11 |
| | | KW | 2.28 | 2.33 | 2.42 | 2.50 | 2.47 | 2.53 | 2.62 | 2.72 | 2.65 | 2.71 | 2.80 | 2.91 | 2.80 | 2.86 | 2.97 | 3.07 | 2.93 | 3.00 | 3.10 | 3.22 | 3.04 | 3.11 | 3.22 | 3.34 |
| | | AMPS | 10.2 | 10.5 | 10.8 | 11.2 | 11.0 | 11.3 | 11.6 | 12.1 | 11.9 | 12.2 | 12.6 | 13.1 | 12.7 | 13.1 | 13.5 | 14.0 | 13.5 | 13.9 | 14.3 | 14.9 | 14.3 | 14.7 | 15.2 | 15.7 |
| | | HI PR | 141 | 152 | 160 | 167 | 158 | 170 | 180 | 187 | 180 | 193 | 204 | 213 | 205 | 220 | 233 | 243 | 230 | 248 | 262 | 273 | 254 | 274 | 289 | 302 |
| | | LO PR | 58 | 62 | 68 | 72 | 61 | 65 | 71 | 76 | 64 | 68 | 74 | 79 | 67 | 71 | 78 | 83 | 70 | 75 | 82 | 87 | 73 | 77 | 84 | 90 |
| | 1050 | MBh | 33.7 | 34.7 | 37.6 | 40.3 | 32.9 | 33.9 | 36.7 | 39.4 | 32.1 | 33.1 | 35.8 | 38.5 | 31.4 | 32.3 | 35.0 | 37.5 | 29.8 | 30.7 | 33.2 | 35.6 | 27.6 | 28.4 | 30.8 | 33.0 |
| | | S/T | 0.77 | 0.69 | 0.52 | 0.34 | 0.80 | 0.72 | 0.54 | 0.35 | 0.82 | 0.73 | 0.56 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.89 | 0.79 | 0.60 | 0.39 |
| | | Delta T | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 18 | 12 | 23 | 21 | 17 | 12 | 21 | 20 | 16 | 11 |
| | | KW | 2.25 | 2.31 | 2.39 | 2.47 | 2.45 | 2.50 | 2.59 | 2.68 | 2.61 | 2.68 | 2.77 | 2.87 | 2.76 | 2.83 | 2.93 | 3.04 | 2.89 | 2.96 | 3.07 | 3.18 | 3.00 | 3.07 | 3.18 | 3.30 |
| | | AMPS | 10.1 | 10.3 | 10.7 | 11.0 | 10.9 | 11.1 | 11.5 | 11.9 | 11.8 | 12.1 | 12.5 | 12.9 | 12.6 | 12.9 | 13.3 | 13.8 | 13.4 | 13.7 | 14.2 | 14.7 | 14.2 | 14.5 | 15.0 | 15.6 |
| | | HI PR | 139 | 150 | 158 | 165 | 156 | 168 | 177 | 185 | 177 | 191 | 202 | 210 | 202 | 217 | 230 | 239 | 227 | 245 | 258 | 269 | 251 | 270 | 285 | 298 |
| | | LO PR | 57 | 61 | 67 | 71 | 61 | 65 | 0 | 75 | 63 | 67 | 73 | 78 | 66 | 70 | 77 | 82 | 69 | 74 | 81 | 86 | 72 | 76 | 83 | 89 |

*Entering Indoor Dry Bulb Temperature **Note:** Shaded area is ACCA (TVA) conditions.

| Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IDB* | Flow Rate | | 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 | 1200 | MBh | 35.0 | 35.8 | 38.2 | 40.9 | 34.2 | 34.9 | 37.3 | 39.9 | 33.4 | 34.1 | 36.4 | 39.0 | 32.6 | 33.3 | 35.6 | 38.0 | 30.9 | 31.6 | 33.8 | 36.1 | 28.7 | 29.3 | 31.3 | 33.4 |
| | | S/T | 0.87 | 0.82 | 0.67 | 0.50 | 0.90 | 0.85 | 0.69 | 0.52 | 0.93 | 0.87 | 0.71 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 1.00 | 0.93 | 0.76 | 0.57 | 1.00 | 0.94 | 0.76 | 0.57 |
| | | Delta T | 23 | 22 | 19 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 22 | 21 | 18 | 15 |
| | | KW | 2.31 | 2.36 | 2.44 | 2.53 | 2.50 | 2.56 | 2.65 | 2.75 | 2.68 | 2.74 | 2.84 | 2.94 | 2.83 | 2.90 | 3.00 | 3.11 | 2.96 | 3.03 | 3.14 | 3.25 | 3.07 | 3.15 | 3.26 | 3.38 |
| | | AMPS | 10.3 | 10.6 | 10.9 | 11.3 | 11.1 | 11.4 | 11.8 | 12.2 | 12.1 | 12.4 | 12.8 | 13.2 | 12.9 | 13.2 | 13.6 | 14.1 | 13.7 | 14.0 | 14.5 | 15.0 | 14.5 | 14.9 | 15.4 | 15.9 |
| | | HI PR | 143 | 154 | 162 | 169 | 160 | 172 | 182 | 190 | 182 | 196 | 207 | 216 | 207 | 223 | 236 | 246 | 233 | 251 | 265 | 277 | 258 | 277 | 293 | 306 |
| | | LO PR | 59 | 63 | 68 | 73 | 62 | 66 | 72 | 77 | 65 | 69 | 75 | 80 | 68 | 72 | 79 | 84 | 71 | 76 | 83 | 88 | 74 | 78 | 86 | 91 |
| | 1100 | MBh | 34.7 | 35.4 | 37.8 | 40.5 | 33.9 | 34.6 | 37.0 | 39.5 | 33.0 | 33.8 | 36.1 | 38.6 | 32.2 | 32.9 | 35.2 | 37.6 | 30.6 | 31.3 | 33.4 | 35.7 | 28.4 | 29.0 | 31.0 | 33.1 |
| | | S/T | 0.86 | 0.80 | 0.65 | 0.49 | 0.89 | 0.83 | 0.68 | 0.51 | 0.91 | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.56 | 0.98 | 0.92 | 0.75 | 0.56 |
| | | Delta T | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 23 | 22 | 19 | 16 |
| | | KW | 2.30 | 2.35 | 2.44 | 2.52 | 2.50 | 2.56 | 2.65 | 2.74 | 2.67 | 2.73 | 2.83 | 2.93 | 2.82 | 2.89 | 2.99 | 3.10 | 2.95 | 3.02 | 3.13 | 3.25 | 3.06 | 3.14 | 3.25 | 3.37 |
| | | AMPS | 10.3 | 10.5 | 10.9 | 11.3 | 11.1 | 11.4 | 11.7 | 12.2 | 12.1 | 12.3 | 12.7 | 13.2 | 12.9 | 13.2 | 13.6 | 14.1 | 13.7 | 14.0 | 14.5 | 15.0 | 14.5 | 14.8 | 15.3 | 15.9 |
| | | HI PR | 142 | 153 | 162 | 169 | 160 | 172 | 181 | 189 | 182 | 195 | 206 | 215 | 207 | 223 | 235 | 245 | 233 | 250 | 264 | 276 | 257 | 277 | 292 | 305 |
| | | LO PR | 59 | 63 | 68 | 73 | 62 | 66 | 72 | 77 | 65 | 69 | 75 | 80 | 68 | 72 | 79 | 84 | 71 | 76 | 82 | 88 | 73 | 78 | 85 | 91 |
| | 1050 | MBh | 34.3 | 35.1 | 37.5 | 40.0 | 33.5 | 34.2 | 36.6 | 39.1 | 32.7 | 33.4 | 35.7 | 38.2 | 31.9 | 32.6 | 34.8 | 37.3 | 30.3 | 31.0 | 33.1 | 35.4 | 28.1 | 28.7 | 30.7 | 32.8 |
| | | S/T | 0.85 | 0.79 | 0.65 | 0.48 | 0.88 | 0.82 | 0.67 | 0.50 | 0.90 | 0.84 | 0.69 | 0.51 | 0.93 | 0.87 | 0.71 | 0.53 | 0.96 | 0.90 | 0.74 | 0.55 | 0.97 | 0.91 | 0.74 | 0.55 |
| | | Delta T | 25 | 24 | 21 | 17 | 26 | 25 | 21 | 17 | 26 | 25 | 21 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | 21 | 17 | 24 | 23 | 20 | 16 |
| | | KW | 2.27 | 2.33 | 2.41 | 2.49 | 2.47 | 2.53 | 2.61 | 2.71 | 2.64 | 2.70 | 2.80 | 2.90 | 2.79 | 2.86 | 2.96 | 3.06 | 2.92 | 2.99 | 3.09 | 3.21 | 3.03 | 3.10 | 3.21 | 3.33 |
| | | AMPS | 10.2 | 10.4 | 10.8 | 11.1 | 11.0 | 11.2 | 11.6 | 12.0 | 11.9 | 12.2 | 12.6 | 13.1 | 12.7 | 13.0 | 13.4 | 13.9 | 13.5 | 13.8 | 14.3 | 14.8 | 14.3 | 14.6 | 15.1 | 15.7 |
| | | HI PR | 140 | 151 | 160 | 166 | 158 | 170 | 179 | 187 | 179 | 193 | 204 | 212 | 204 | 220 | 232 | 242 | 230 | 247 | 261 | 272 | 254 | 273 | 288 | 301 |
| | | LO PR | 58 | 62 | 67 | 72 | 61 | 65 | 71 | 76 | 64 | 68 | 74 | 79 | 67 | 71 | 78 | 83 | 70 | 75 | 81 | 87 | 72 | 77 | 84 | 90 |
| 85 | 1200 | MBh | 35.6 | 36.3 | 38.0 | 40.6 | 34.8 | 35.5 | 37.1 | 39.6 | 34.0 | 34.6 | 36.3 | 38.7 | 33.1 | 33.8 | 35.4 | 37.7 | 31.5 | 32.1 | 33.6 | 35.9 | 29.2 | 29.7 | 31.1 | 33.2 |
| | | S/T | 0.91 | 0.88 | 0.80 | 0.65 | 0.95 | 0.91 | 0.83 | 0.67 | 0.97 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 1.0 | 0.91 | 0.74 | 1.00 | 1.00 | 0.91 | 0.74 |
| | | Delta T | 25 | 25 | 23 | 20 | 25 | 25 | 23 | 20 | 25 | 25 | 24 | 20 | 25 | 25 | 24 | 20 | 24 | 25 | 23 | 20 | 22 | 23 | 22 | 19 |
| | | KW | 2.33 | 2.38 | 2.46 | 2.55 | 2.53 | 2.59 | 2.68 | 2.77 | 2.70 | 2.77 | 2.86 | 2.97 | 2.86 | 2.92 | 3.03 | 3.14 | 2.99 | 3.06 | 3.17 | 3.28 | 3.10 | 3.18 | 3.29 | 3.41 |
| | | AMPS | 10.4 | 10.7 | 11.0 | 11.4 | 11.2 | 11.5 | 11.9 | 12.3 | 12.2 | 12.5 | 12.9 | 13.4 | 13.0 | 13.3 | 13.8 | 14.3 | 13.8 | 14.2 | 14.6 | 15.2 | 14.6 | 15.0 | 15.5 | 16.1 |
| | | HI PR | 144 | 155 | 164 | 171 | 162 | 174 | 184 | 192 | 184 | 198 | 209 | 218 | 209 | 225 | 238 | 248 | 236 | 254 | 268 | 279 | 260 | 280 | 296 | 309 |
| | | LO PR | 60 | 63 | 69 | 74 | 63 | 67 | 73 | 78 | 65 | 70 | 76 | 81 | 69 | 73 | 80 | 85 | 72 | 77 | 84 | 89 | 74 | 79 | 86 | 92 |
| | 1100 | MBh | 35.3 | 35.9 | 37.7 | 40.2 | 34.4 | 35.1 | 36.8 | 39.2 | 33.6 | 34.3 | 35.9 | 38.3 | 32.8 | 33.4 | 35.0 | 37.4 | 31.2 | 31.8 | 33.3 | 35.5 | 28.9 | 29.4 | 30.8 | 32.9 |
| | | S/T | 0.90 | 0.87 | 0.78 | 0.63 | 0.93 | 0.90 | 0.81 | 0.66 | 0.95 | 0.92 | 0.83 | 0.67 | 0.98 | 0.95 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 0.99 | 0.90 | 0.73 |
| | | Delta T | 26 | 26 | 25 | 21 | 27 | 26 | 25 | 22 | 27 | 26 | 25 | 22 | 27 | 27 | 25 | 22 | 26 | 26 | 25 | 21 | 24 | 24 | 23 | 20 |
| | | KW | 2.32 | 2.38 | 2.46 | 2.55 | 2.52 | 2.58 | 2.67 | 2.76 | 2.69 | 2.76 | 2.86 | 2.96 | 2.85 | 2.92 | 3.02 | 3.13 | 2.98 | 3.05 | 3.16 | 3.28 | 3.09 | 3.17 | 3.28 | 3.40 |
| | | AMPS | 10.4 | 10.6 | 11.0 | 11.4 | 11.2 | 11.5 | 11.8 | 12.3 | 12.2 | 12.4 | 12.9 | 13.3 | 13.0 | 13.3 | 13.7 | 14.2 | 13.8 | 14.1 | 14.6 | 15.1 | 14.6 | 15.0 | 15.4 | 16.0 |
| | | HI PR | 144 | 155 | 163 | 170 | 161 | 174 | 183 | 191 | 183 | 197 | 208 | 217 | 209 | 225 | 237 | 248 | 235 | 253 | 267 | 279 | 260 | 279 | 295 | 308 |
| | | LO PR | 59 | 63 | 69 | 73 | 63 | 67 | 73 | 78 | 65 | 69 | 76 | 81 | 68 | 73 | 79 | 85 | 72 | 76 | 83 | 89 | 74 | 79 | 86 | 92 |
| | 1050 | MBh | 34.9 | 35.6 | 37.3 | 39.8 | 34.1 | 34.8 | 36.4 | 38.8 | 33.3 | 33.9 | 35.5 | 37.9 | 32.5 | 33.1 | 34.7 | 37.0 | 30.9 | 31.5 | 32.9 | 35.1 | 28.6 | 29.1 | 30.5 | 32.6 |
| | | S/T | 0.89 | 0.86 | 0.77 | 0.63 | 0.92 | 0.89 | 0.80 | 0.65 | 0.94 | 0.91 | 0.82 | 0.67 | 0.97 | 0.94 | 0.85 | 0.69 | 1.00 | 0.98 | 0.88 | 0.71 | 1.00 | 0.98 | 0.89 | 0.72 |
| | | Delta T | 27 | 27 | 25 | 22 | 27 | 27 | 26 | 22 | 27 | 27 | 26 | 22 | 28 | 27 | 26 | 22 | 27 | 27 | 25 | 22 | 25 | 25 | 24 | 21 |
| | | KW | 2.29 | 2.35 | 2.43 | 2.52 | 2.49 | 2.55 | 2.64 | 2.73 | 2.66 | 2.73 | 2.82 | 2.92 | 2.81 | 2.88 | 2.98 | 3.09 | 2.94 | 3.01 | 3.12 | 3.24 | 3.05 | 3.13 | 3.24 | 3.36 |
| | | AMPS | 10.3 | 10.5 | 10.9 | 11.2 | 11.1 | 11.3 | 11.7 | 12.1 | 12.0 | 12.3 | 12.7 | 13.2 | 12.8 | 13.1 | 13.6 | 14.1 | 13.6 | 14.0 | 14.4 | 15.0 | 14.4 | 14.8 | 15.3 | 15.8 |
| | | HI PR | 142 | 153 | 161 | 168 | 159 | 171 | 181 | 189 | 181 | 195 | 206 | 215 | 206 | 222 | 234 | 244 | 232 | 250 | 264 | 275 | 256 | 276 | 291 | 304 |
| | | LO PR | 59 | 62 | 68 | 72 | 62 | 66 | 72 | 77 | 64 | 68 | 75 | 80 | 68 | 72 | 78 | 84 | 71 | 75 | 82 | 88 | 73 | 78 | 85 | 91 |

*Entering Indoor Dry Bulb Temperature **Note:** Shaded area is ARI Rating conditions.

## Expanded Performance Data Cooling Operation—AFAIR12B42

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB* | Flow Rate | | 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 | 38.4 | 39.8 | 43.6 | – | 37.5 | 38.9 | 42.6 | – | 36.6 | 38.0 | 41.6 | – | 35.8 | 37.1 | 40.6 | – | 34.0 | 35.2 | 38.6 | – | 31.5 | 32.6 | 35.7 | – |
| | | S/T | 0.72 | 0.60 | 0.42 | – | 0.75 | 0.63 | 0.43 | – | 0.77 | 0.64 | 0.44 | – | 0.79 | 0.66 | 0.46 | – | 0.82 | 0.69 | 0.48 | – | 0.83 | 0.69 | 0.48 | – |
| | | Delta T | 18 | 16 | 12 | – | 18 | 16 | 12 | – | 18 | 16 | 12 | – | 19 | 16 | 12 | – | 18 | 16 | 12 | – | 17 | 15 | 11 | – |
| | | KW | 2.69 | 2.75 | 2.85 | – | 2.92 | 2.99 | 3.10 | – | 3.13 | 3.21 | 3.32 | – | 3.31 | 3.39 | 3.52 | – | 3.47 | 3.55 | 3.68 | – | 3.60 | 3.69 | 3.83 | – |
| | | AMPS | 12.4 | 12.7 | 13.1 | – | 13.4 | 13.7 | 14.2 | – | 14.5 | 14.9 | 15.4 | – | 15.5 | 15.9 | 16.4 | – | 16.5 | 16.9 | 17.5 | – | 17.5 | 17.9 | 18.5 | – |
| | | HI PR | 138 | 149 | 157 | – | 155 | 167 | 176 | – | 176 | 190 | 200 | – | 201 | 216 | 228 | – | 226 | 243 | 257 | – | 249 | 268 | 283 | – |
| | | LO PR | 58 | 61 | 67 | – | 61 | 65 | 71 | – | 63 | 67 | 74 | – | 67 | 71 | 77 | – | 70 | 74 | 81 | – | 72 | 77 | 84 | – |
| | 1300 | MBh | 38.1 | 39.4 | 43.2 | – | 37.2 | 38.5 | 42.2 | – | 36.3 | 37.6 | 41.2 | – | 35.4 | 36.7 | 40.2 | – | 33.6 | 34.9 | 38.2 | – | 31.2 | 32.3 | 35.4 | – |
| | | S/T | 0.71 | 0.59 | 0.41 | – | 0.74 | 0.61 | 0.43 | – | 0.75 | 0.63 | 0.44 | – | 0.78 | 0.65 | 0.45 | – | 0.81 | 0.67 | 0.47 | – | 0.81 | 0.68 | 0.47 | – |
| | | Delta T | 19 | 17 | 13 | – | 19 | 17 | 13 | – | 19 | 17 | 13 | – | 19 | 17 | 13 | – | 19 | 17 | 13 | – | 18 | 16 | 12 | – |
| | | KW | 2.68 | 2.74 | 2.84 | – | 2.91 | 2.98 | 3.09 | – | 3.12 | 3.20 | 3.31 | – | 3.30 | 3.38 | 3.51 | – | 3.46 | 3.54 | 3.67 | – | 3.59 | 3.68 | 3.82 | – |
| | | AMPS | 12.4 | 12.6 | 13.1 | – | 13.3 | 13.7 | 14.1 | – | 14.5 | 14.8 | 15.3 | – | 15.5 | 15.9 | 16.4 | – | 16.5 | 16.9 | 17.4 | – | 17.5 | 17.9 | 18.5 | – |
| | | HI PR | 138 | 148 | 156 | – | 154 | 166 | 176 | – | 176 | 189 | 200 | – | 200 | 215 | 227 | – | 225 | 242 | 256 | – | 249 | 268 | 283 | – |
| | | LO PR | 58 | 61 | 67 | – | 61 | 65 | 71 | – | 63 | 67 | 73 | – | 66 | 71 | 77 | – | 70 | 74 | 81 | – | 72 | 76 | 83 | – |
| | 1225 | MBh | 37.5 | 38.9 | 42.6 | – | 36.6 | 37.9 | 41.6 | – | 35.7 | 37.0 | 40.6 | – | 34.9 | 36.1 | 39.6 | – | 33.1 | 34.3 | 37.6 | – | 30.7 | 31.8 | 34.8 | – |
| | | S/T | 0.68 | 0.57 | 0.40 | – | 0.71 | 0.59 | 0.41 | – | 0.73 | 0.61 | 0.42 | – | 0.75 | 0.63 | 0.43 | – | 0.78 | 0.65 | 0.45 | – | 0.79 | 0.66 | 0.45 | – |
| | | Delta T | 19 | 17 | 13 | – | 19 | 17 | 13 | – | 19 | 17 | 13 | – | 20 | 17 | 13 | – | 19 | 17 | 13 | – | 18 | 16 | 12 | – |
| | | KW | 2.64 | 2.70 | 2.80 | – | 2.87 | 2.94 | 3.04 | – | 3.07 | 3.15 | 3.26 | – | 3.25 | 3.33 | 3.45 | – | 3.40 | 3.49 | 3.62 | – | 3.54 | 3.62 | 3.76 | – |
| | | AMPS | 12.2 | 12.5 | 12.9 | – | 13.1 | 13.5 | 13.9 | – | 14.3 | 14.6 | 15.1 | – | 15.2 | 15.6 | 16.1 | – | 16.2 | 16.6 | 17.2 | – | 17.2 | 17.6 | 18.2 | – |
| | | HI PR | 135 | 146 | 154 | – | 152 | 163 | 173 | – | 173 | 186 | 196 | – | 197 | 212 | 223 | – | 221 | 238 | 251 | – | 244 | 263 | 278 | – |
| | | LO PR | 57 | 60 | 66 | – | 60 | 64 | 69 | – | 62 | 66 | 72 | – | 65 | 69 | 76 | – | 68 | 73 | 79 | – | 71 | 75 | 82 | – |
| 75 | 1400 | MBh | 39.1 | 40.2 | 43.6 | 46.8 | 38.2 | 39.3 | 42.5 | 45.7 | 37.3 | 38.4 | 41.5 | 44.6 | 36.4 | 37.4 | 40.5 | 43.5 | 34.5 | 35.6 | 38.5 | 41.3 | 32.0 | 32.9 | 35.7 | 38.3 |
| | | S/T | 0.82 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.94 | 0.84 | 0.63 | 0.41 | 0.94 | 0.84 | 0.6 | 0.41 |
| | | Delta T | 21 | 19 | 16 | 11 | 21 | 20 | 16 | 11 | 21 | 20 | 16 | 11 | 22 | 20 | 16 | 11 | 21 | 20 | 16 | 11 | 20 | 18 | 15 | 10 |
| | | KW | 2.71 | 2.78 | 2.88 | 2.98 | 2.95 | 3.02 | 3.13 | 3.24 | 3.16 | 3.24 | 3.35 | 3.48 | 3.34 | 3.43 | 3.55 | 3.68 | 3.50 | 3.59 | 3.72 | 3.86 | 3.64 | 3.73 | 3.87 | 4.01 |
| | | AMPS | 12.5 | 12.8 | 13.2 | 13.7 | 13.5 | 13.8 | 14.3 | 14.8 | 14.7 | 15.0 | 15.5 | 16.1 | 15.7 | 16.1 | 16.6 | 17.2 | 16.7 | 17.1 | 17.7 | 18.3 | 17.7 | 18.1 | 18.7 | 19.4 |
| | | HI PR | 139 | 150 | 158 | 165 | 157 | 168 | 178 | 185 | 178 | 192 | 202 | 211 | 203 | 218 | 230 | 240 | 228 | 245 | 259 | 270 | 252 | 271 | 286 | 299 |
| | | LO PR | 58 | 62 | 68 | 72 | 62 | 65 | 71 | 76 | 64 | 68 | 74 | 79 | 67 | 71 | 78 | 83 | 70 | 75 | 82 | 87 | 73 | 77 | 85 | 90 |
| | 1300 | MBh | 38.7 | 39.8 | 43.1 | 46.3 | 37.8 | 38.9 | 42.1 | 45.2 | 36.9 | 38.0 | 41.1 | 44.1 | 36.0 | 37.1 | 40.1 | 43.1 | 34.2 | 35.2 | 38.1 | 40.9 | 31.7 | 32.6 | 35.3 | 37.9 |
| | | S/T | 0.81 | 0.72 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.88 | 0.79 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.93 | 0.83 | 0.63 | 0.40 |
| | | Delta T | 22 | 20 | 17 | 11 | 22 | 21 | 17 | 12 | 22 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 22 | 20 | 17 | 12 | 21 | 19 | 16 | 11 |
| | | KW | 2.70 | 2.77 | 2.87 | 2.97 | 2.94 | 3.01 | 3.12 | 3.24 | 3.15 | 3.23 | 3.34 | 3.47 | 3.33 | 3.42 | 3.54 | 3.67 | 3.49 | 3.58 | 3.71 | 3.85 | 3.63 | 3.72 | 3.85 | 4.00 |
| | | AMPS | 12.5 | 12.8 | 13.2 | 13.7 | 13.5 | 13.8 | 14.2 | 14.8 | 14.6 | 15.0 | 15.5 | 16.1 | 15.6 | 16.0 | 16.5 | 17.2 | 16.6 | 17.0 | 17.6 | 18.3 | 17.6 | 18.1 | 18.7 | 19.4 |
| | | HI PR | 139 | 150 | 158 | 165 | 156 | 168 | 177 | 185 | 177 | 191 | 202 | 210 | 202 | 218 | 230 | 240 | 227 | 245 | 258 | 270 | 251 | 270 | 285 | 298 |
| | | LO PR | 58 | 62 | 67 | 72 | 61 | 65 | 71 | 76 | 64 | 68 | 74 | 79 | 67 | 71 | 78 | 83 | 70 | 75 | 82 | 87 | 73 | 77 | 84 | 90 |
| | 1225 | MBh | 38.1 | 39.2 | 42.5 | 45.6 | 37.2 | 38.3 | 41.5 | 44.5 | 36.3 | 37.4 | 40.5 | 43.5 | 35.5 | 36.5 | 39.5 | 42.4 | 33.7 | 34.7 | 37.5 | 40.3 | 31.2 | 32.1 | 34.8 | 37.3 |
| | | S/T | 0.78 | 0.70 | 0.53 | 0.34 | 0.81 | 0.72 | 0.55 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.89 | 0.79 | 0.60 | 0.39 | 0.89 | 0.80 | 0.60 | 0.39 |
| | | Delta T | 22 | 20 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 22 | 21 | 17 | 12 | 21 | 19 | 16 | 11 |
| | | KW | 2.66 | 2.73 | 2.82 | 2.93 | 2.89 | 2.96 | 3.07 | 3.18 | 3.10 | 3.18 | 3.29 | 3.41 | 3.28 | 3.36 | 3.49 | 3.62 | 3.44 | 3.52 | 3.65 | 3.79 | 3.57 | 3.66 | 3.79 | 3.93 |
| | | AMPS | 12.3 | 12.6 | 13.0 | 13.5 | 13.3 | 13.6 | 14.0 | 14.5 | 14.4 | 14.7 | 15.2 | 15.8 | 15.4 | 15.8 | 16.3 | 16.9 | 16.4 | 16.8 | 17.3 | 18.0 | 17.3 | 17.8 | 18.4 | 19.1 |
| | | HI PR | 137 | 147 | 155 | 162 | 153 | 165 | 174 | 182 | 174 | 188 | 198 | 207 | 199 | 214 | 226 | 235 | 224 | 241 | 254 | 265 | 247 | 266 | 281 | 293 |
| | | LO PR | 57 | 61 | 66 | 71 | 60 | 64 | 70 | 75 | 63 | 67 | 73 | 78 | 66 | 70 | 76 | 81 | 69 | 73 | 80 | 85 | 71 | 76 | 83 | 88 |

*Entering Indoor Dry Bulb Temperature **Note:** Shaded area is ACCA (TVA) conditions.

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB* | Flow Rate | | 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 | 39.8 | 40.7 | 43.4 | 46.4 | 38.9 | 39.7 | 42.4 | 45.3 | 37.9 | 38.8 | 41.4 | 44.3 | 37.0 | 37.8 | 40.4 | 43.2 | 35.2 | 35.9 | 38.4 | 41.0 | 32.6 | 33.3 | 35.6 | 38.0 |
| | | S/T | 0.90 | 0.85 | 0.69 | 0.51 | 0.93 | 0.88 | 0.71 | 0.53 | 0.96 | 0.90 | 0.73 | 0.5 | 0.99 | 0.93 | 0.76 | 0.56 | 1.00 | 0.96 | 0.78 | 0.59 | 1.00 | 0.97 | 0.79 | 0.59 |
| | | Delta T | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 23 | 23 | 20 | 16 | 21 | 21 | 18 | 15 |
| | | KW | 2.74 | 2.80 | 2.90 | 3.01 | 2.98 | 3.05 | 3.16 | 3.27 | 3.19 | 3.27 | 3.39 | 3.51 | 3.38 | 3.46 | 3.58 | 3.72 | 3.53 | 3.62 | 3.75 | 3.89 | 3.67 | 3.76 | 3.90 | 4.05 |
| | | AMPS | 12.6 | 12.9 | 13.3 | 13.8 | 13.6 | 14.0 | 14.4 | 15.0 | 14.8 | 15.2 | 15.7 | 16.3 | 15.8 | 16.2 | 16.7 | 17.4 | 16.8 | 17.2 | 17.8 | 18.5 | 17.8 | 18.3 | 18.9 | 19.6 |
| | | HI PR | 141 | 152 | 160 | 167 | 158 | 170 | 180 | 187 | 180 | 193 | 204 | 213 | 205 | 220 | 233 | 243 | 230 | 248 | 262 | 273 | 255 | 274 | 289 | 302 |
| | | LO PR | 59 | 63 | 68 | 73 | 62 | 66 | 72 | 77 | 65 | 69 | 75 | 80 | 68 | 72 | 79 | 84 | 71 | 76 | 83 | 88 | 74 | 78 | 85 | 91 |
| | 1300 | MBh | 39.4 | 40.2 | 43.0 | 46.0 | 38.5 | 39.3 | 42.0 | 44.9 | 37.6 | 38.4 | 41.0 | 43.8 | 36.6 | 37.4 | 40.0 | 42.8 | 34.8 | 35.6 | 38.0 | 40.6 | 32.2 | 32.9 | 35.2 | 37.6 |
| | | S/T | 0.88 | 0.83 | 0.67 | 0.50 | 0.92 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.00 | 0.94 | 0.77 | 0.57 | 1.00 | 0.95 | 0.77 | 0.58 |
| | | Delta T | 25 | 24 | 21 | 16 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 16 | 23 | 22 | 19 | 15 |
| | | KW | 2.73 | 2.79 | 2.89 | 3.00 | 2.97 | 3.04 | 3.15 | 3.27 | 3.18 | 3.26 | 3.38 | 3.50 | 3.37 | 3.45 | 3.58 | 3.71 | 3.52 | 3.61 | 3.74 | 3.88 | 3.66 | 3.75 | 3.89 | 4.04 |
| | | AMPS | 12.6 | 12.9 | 13.3 | 13.8 | 13.6 | 13.9 | 14.4 | 14.9 | 14.8 | 15.1 | 15.6 | 16.2 | 15.8 | 16.2 | 16.7 | 17.3 | 16.8 | 17.2 | 17.8 | 18.5 | 17.8 | 18.2 | 18.8 | 19.6 |
| | | HI PR | 140 | 151 | 160 | 166 | 158 | 170 | 179 | 187 | 179 | 193 | 204 | 212 | 204 | 220 | 232 | 242 | 230 | 247 | 261 | `272 | 254 | 273 | 288 | 301 |
| | | LO PR | 59 | 62 | 68 | 73 | 62 | 66 | 72 | 77 | 64 | 69 | 75 | 80 | 68 | 72 | 79 | 84 | 71 | 75 | 82 | 88 | 73 | 78 | 85 | 91 |
| | 1225 | MBh | 38.8 | 39.6 | 42.4 | 45.3 | 37.9 | 38.7 | 41.4 | 44.2 | 37.0 | 37.8 | 40.4 | 43.2 | 36.1 | 36.9 | 39.4 | 42.1 | 34.3 | 35.0 | 37.4 | 40.0 | 31.8 | 32.5 | 34.7 | 37.1 |
| | | S/T | 0.85 | 0.80 | 0.65 | 0.49 | 0.88 | 0.83 | 0.67 | 0.50 | 0.91 | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.71 | 0.53 | 0.97 | 0.91 | 0.74 | 0.55 | 0.98 | 0.92 | 0.75 | 0.56 |
| | | Delta T | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 25 | 24 | 21 | 17 | 23 | 22 | 19 | 16 |
| | | KW | 2.69 | 2.75 | 2.85 | 2.95 | 2.92 | 2.99 | 3.10 | 3.21 | 3.13 | 3.21 | 3.32 | 3.45 | 3.31 | 3.39 | 3.52 | 3.65 | 3.47 | 3.55 | 3.69 | 3.82 | 3.60 | 3.69 | 3.83 | 3.97 |
| | | AMPS | 12.4 | 12.7 | 13.1 | 13.6 | 13.4 | 13.7 | 14.2 | 14.7 | 14.5 | 14.9 | 15.4 | 16.0 | 15.5 | 15.9 | 16.4 | 17.1 | 16.5 | 16.9 | 17.5 | 18.2 | 17.5 | 17.9 | 18.5 | 19.2 |
| | | HI PR | 138 | 149 | 157 | 164 | 155 | 167 | 176 | 184 | 176 | 190 | 200 | 209 | 201 | 216 | 228 | 238 | 226 | 243 | 257 | 268 | 249 | 268 | 283 | 296 |
| | | LO PR | 58 | 61 | 67 | 71 | 61 | 65 | 71 | 75 | 63 | 67 | 74 | 78 | 67 | 71 | 77 | 82 | 70 | 74 | 81 | 86 | 72 | 77 | 84 | 89 |
| 85 | 1400 | MBh | 40.5 | 41.3 | 43.2 | 46.1 | 39.5 | 40.3 | 42.2 | 45.0 | 38.6 | 39.3 | 41.2 | 44.0 | 37.7 | 38.4 | 40.2 | 42.9 | 35.8 | 36.5 | 38.2 | 40.7 | 33.1 | 33.8 | 35.4 | 37.7 |
| | | S/T | 0.95 | 0.91 | 0.82 | 0.67 | 0.98 | 0.95 | 0.85 | 0.69 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.94 | 0.76 | 1.0 | 1.00 | 0.95 | 0.77 |
| | | Delta T | 25 | 25 | 23 | 20 | 25 | 25 | 24 | 20 | 25 | 25 | 24 | 20 | 25 | 25 | 24 | 21 | 23 | 24 | 24 | 20 | 22 | 22 | 22 | 19 |
| | | KW | 2.76 | 2.83 | 2.93 | 3.04 | 3.00 | 3.08 | 3.19 | 3.30 | 3.22 | 3.30 | 3.42 | 3.54 | 3.41 | 3.49 | 3.62 | 3.75 | 3.57 | 3.66 | 3.79 | 3.93 | 3.71 | 3.80 | 3.94 | 4.09 |
| | | AMPS | 12.7 | 13.0 | 13.5 | 14.0 | 13.8 | 14.1 | 14.5 | 15.1 | 14.9 | 15.3 | 15.8 | 16.4 | 16.0 | 16.4 | 16.9 | 17.5 | 17.0 | 17.4 | 18.0 | 18.7 | 18.0 | 18.4 | 19.1 | 19.8 |
| | | HI PR | 142 | 153 | 162 | 169 | 160 | 172 | 181 | 189 | 182 | 195 | 206 | 215 | 207 | 223 | 235 | 245 | 233 | 250 | 264 | 276 | 257 | 277 | 292 | 305 |
| | | LO PR | 59 | 63 | 69 | 74 | 63 | 67 | 73 | 78 | 65 | 69 | 76 | 81 | 69 | 73 | 80 | 85 | 72 | 76 | 83 | 89 | 74 | 79 | 86 | 92 |
| | 1300 | MBh | 40.1 | 40.9 | 42.8 | 45.6 | 39.1 | 39.9 | 41.8 | 44.6 | 38.2 | 39.0 | 40.8 | 43.5 | 37.3 | 38.0 | 39.8 | 42.5 | 35.4 | 36.1 | 37.8 | 40.3 | 32.8 | 33.4 | 35.0 | 37.4 |
| | | S/T | 0.93 | 0.89 | 0.81 | 0.65 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.93 | 0.75 |
| | | Delta T | 26 | 26 | 24 | 21 | 27 | 26 | 25 | 21 | 27 | 26 | 25 | 21 | 26 | 26 | 25 | 22 | 25 | 26 | 25 | 21 | 23 | 24 | 23 | 20 |
| | | KW | 2.75 | 2.82 | 2.92 | 3.03 | 2.99 | 3.07 | 3.18 | 3.30 | 3.21 | 3.29 | 3.41 | 3.53 | 3.40 | 3.48 | 3.61 | 3.74 | 3.56 | 3.65 | 3.78 | 3.92 | 3.70 | 3.79 | 3.93 | 4.07 |
| | | AMPS | 12.7 | 13.0 | 13.4 | 13.9 | 13.7 | 14.0 | 14.5 | 15.0 | 14.9 | 15.3 | 15.8 | 16.4 | 15.9 | 16.3 | 16.9 | 17.5 | 16.9 | 17.4 | 17.9 | 18.6 | 18.0 | 18.4 | 19.0 | 19.7 |
| | | HI PR | 142 | 153 | 161 | 168 | 159 | 171 | 181 | 189 | 181 | 195 | 206 | 215 | 206 | 222 | 234 | 244 | 232 | 250 | 264 | 275 | 256 | 276 | 291 | 304 |
| | | LO PR | 59 | 63 | 69 | 73 | 63 | 67 | 73 | 77 | 65 | 69 | 76 | 80 | 68 | 73 | 79 | 85 | 72 | 76 | 83 | 89 | 74 | 79 | 86 | 92 |
| | 1225 | MBh | 39.5 | 40.2 | 42.1 | 45.0 | 38.6 | 39.3 | 41.2 | 43.9 | 37.6 | 38.4 | 40.2 | 42.9 | 36.7 | 37.4 | 39.2 | 41.8 | 34.9 | 35.6 | 37.2 | 39.7 | 32.3 | 32.9 | 34.5 | 36.8 |
| | | S/T | 0.89 | 0.86 | 0.78 | 0.63 | 0.93 | 0.89 | 0.81 | 0.65 | 0.95 | 0.92 | 0.83 | 0.67 | 0.98 | 0.95 | 0.85 | 0.69 | 1.00 | 0.98 | .89 | 0.72 | 1.00 | 0.99 | 0.89 | 0.73 |
| | | Delta T | 26 | 26 | 25 | 21 | 27 | 26 | 25 | 22 | 27 | 26 | 25 | 22 | 27 | 27 | 25 | 22 | 26 | 26 | 25 | 21 | 24 | 24 | 23 | 20 |
| | | KW | 2.71 | 2.78 | 2.88 | 2.98 | 2.95 | 3.02 | 3.13 | 3.24 | 3.16 | 3.24 | 3.35 | 3.48 | 3.34 | 3.43 | 3.55 | 3.68 | 3.50 | 3.59 | 3.72 | 3.86 | 3.64 | 3.73 | 3.86 | 4.01 |
| | | AMPS | 12.5 | 12.8 | 13.2 | 13.7 | 13.5 | 13.8 | 14.3 | 14.8 | 14.7 | 15.0 | 15.5 | 16.1 | 15.7 | 16.1 | 16.6 | 17.2 | 16.7 | 17.1 | 17.7 | 18.3 | 17.7 | 18.1 | 18.7 | 19.4 |
| | | HI PR | 139 | 150 | 158 | 165 | 156 | 168 | 178 | 185 | 178 | 192 | 202 | 211 | 203 | 218 | 230 | 240 | 228 | 245 | 259 | 270 | 252 | 271 | 286 | 299 |
| | | LO PR | 58 | 62 | 68 | 72 | 62 | 65 | 71 | 76 | 64 | 68 | 74 | 79 | 67 | 71 | 78 | 83 | 70 | 75 | 82 | 87 | 73 | 77 | 85 | 90 |

*Entering Indoor Dry Bulb Temperature **Note:** Shaded area is ARI Rating conditions.

| | | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB* | Flow Rate | | 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 | 1800 | MBh | 46.1 | 47.7 | 52.3 | – | 45.0 | 46.6 | 51.1 | – | 43.9 | 45.5 | 49.9 | – | 42.8 | 44.4 | 48.7 | – | 40.7 | 42.2 | 46.2 | – | 37.7 | 39.1 | 42.8 | – |
| | | S/T | 0.72 | 0.60 | 0.42 | – | 0.75 | 0.63 | 0.43 | – | 0.77 | 0.64 | 0.44 | – | 0.79 | 0.66 | 0.46 | – | 0.82 | 0.69 | 0.48 | – | 0.83 | 0.69 | 0.48 | – |
| | | Delta T | 17 | 15 | 11 | – | 17 | 15 | 11 | – | 17 | 15 | 11 | – | 17 | 15 | 11 | – | 17 | 15 | 11 | – | 16 | 14 | 11 | – |
| | | KW | 3.12 | 3.19 | 3.30 | – | 3.39 | 3.47 | 3.59 | – | 3.62 | 3.71 | 3.84 | – | 3.83 | 3.92 | 4.06 | – | 4.01 | 4.10 | 4.25 | – | 4.16 | 4.26 | 4.41 | – |
| | | AMPS | 13.7 | 14.1 | 14.5 | – | 14.8 | 15.2 | 15.6 | – | 16.1 | 16.4 | 17.0 | – | 17.1 | 17.6 | 18.1 | – | 18.2 | 18.7 | 19.3 | – | 19.3 | 19.8 | 20.4 | – |
| | | HI PR | 148 | 160 | 169 | – | 167 | 179 | 189 | – | 190 | 204 | 215 | – | 216 | 232 | 245 | – | 243 | 261 | 276 | – | 268 | 289 | 305 | – |
| | | LO PR | 55 | 59 | 64 | – | 59 | 62 | 68 | – | 61 | 65 | 71 | – | 64 | 68 | 74 | – | 67 | 71 | 78 | – | 69 | 74 | 80 | – |
| | 1600 | MBh | 44.7 | 46.3 | 50.8 | – | 43.7 | 45.3 | 49.6 | – | 42.6 | 44.2 | 48.4 | – | 41.6 | 43.1 | 47.2 | – | 39.5 | 41.0 | 44.9 | – | 36.6 | 37.9 | 41.6 | – |
| | | S/T | 0.69 | 0.58 | 0.40 | – | 0.72 | 0.60 | 0.41 | – | 0.73 | 0.61 | 0.42 | – | 0.76 | 0.63 | 0.44 | – | 0.79 | 0.66 | 0.45 | – | 0.79 | 0.66 | 0.46 | – |
| | | Delta T | 18 | 15 | 12 | – | 18 | 16 | 12 | – | 18 | 16 | 12 | – | 18 | 16 | 12 | – | 18 | 15 | 12 | – | 17 | 14 | 11 | – |
| | | KW | 3.09 | 3.16 | 3.28 | – | 3.36 | 3.44 | 3.56 | – | 3.59 | 3.68 | 3.81 | – | 3.80 | 3.89 | 4.03 | – | 3.97 | 4.07 | 4.21 | – | 4.12 | 4.22 | 4.37 | – |
| | | AMPS | 13.6 | 13.9 | 14.4 | – | 14.7 | 15.0 | 15.5 | – | 15.9 | 16.3 | 16.8 | – | 17.0 | 17.4 | 18.0 | – | 18.1 | 18.5 | 19.1 | – | 19.1 | 19.6 | 20.2 | – |
| | | HI PR | 147 | 158 | 167 | – | 165 | 178 | 187 | – | 188 | 202 | 213 | – | 214 | 230 | 243 | – | 240 | 259 | 273 | – | 266 | 286 | 302 | – |
| | | LO PR | 55 | 58 | 64 | – | 58 | 62 | 67 | – | 60 | 64 | 70 | – | 63 | 67 | 74 | – | 66 | 71 | 77 | – | 69 | 73 | 80 | – |
| | 1400 | MBh | 41.3 | 42.8 | 46.9 | – | 40.3 | 41.8 | 45.8 | – | 39.4 | 40.8 | 44.7 | – | 38.4 | 39.8 | 43.6 | – | 36.5 | 37.8 | 41.4 | – | 33.8 | 35.0 | 38.4 | – |
| | | S/T | 0.67 | 0.56 | 0.39 | – | 0.69 | 0.58 | 0.40 | – | 0.71 | 0.59 | 0.41 | – | 0.73 | 0.61 | 0.42 | – | 0.76 | 0.63 | 0.44 | – | 0.76 | 0.64 | 0.44 | – |
| | | Delta T | 18 | 16 | 12 | – | 18 | 16 | 12 | – | 18 | 16 | 12 | – | 18 | 16 | 12 | – | 18 | 16 | 12 | – | 17 | 15 | 11 | – |
| | | KW | 3.01 | 3.08 | 3.19 | – | 3.27 | 3.34 | 3.46 | – | 3.49 | 3.58 | 3.70 | – | 3.69 | 3.78 | 3.92 | – | 3.86 | 3.96 | 4.10 | – | 4.01 | 4.11 | 4.25 | – |
| | | AMPS | 13.3 | 13.6 | 14.0 | – | 14.3 | 14.6 | 15.1 | – | 15.5 | 15.9 | 16.4 | – | 16.4 | 16.9 | 17.5 | – | 17.6 | 18.0 | 18.6 | – | 18.6 | 19.0 | 19.7 | – |
| | | HI PR | 143 | 153 | 162 | – | 160 | 172 | 182 | – | 182 | 196 | 207 | – | 207 | 223 | 236 | – | 233 | 251 | 265 | – | 258 | 277 | 293 | – |
| | | LO PR | 53 | 57 | 62 | – | 56 | 60 | 65 | – | 58 | 62 | 68 | – | 61 | 65 | 71 | – | 64 | 68 | 75 | – | 67 | 71 | 77 | – |
| 75 | 1800 | MBh | 46.8 | 48.2 | 52.2 | 56.0 | 45.7 | 47.1 | 51.0 | 54.7 | 44.7 | 46.0 | 49.8 | 53.4 | 43.6 | 44.9 | 48.6 | 52.1 | 41.4 | 42.6 | 46.1 | 49.5 | 38.3 | 39.5 | 42.7 | 45.9 |
| | | S/T | 0.82 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.91 | 0.61 | 0.39 | 0.94 | 0.84 | 0.63 | 0.41 | 0.94 | 0.84 | 0.64 | 0.41 |
| | | Delta T | 20 | 18 | 15 | 10 | 20 | 18 | 15 | 10 | 20 | 18 | 15 | 10 | 20 | 18 | 15 | 10 | 20 | 18 | 15 | 10 | 18 | 17 | 14 | 10 |
| | | KW | 3.15 | 3.22 | 3.33 | 3.45 | 3.42 | 3.50 | 3.62 | 3.75 | 3.66 | 3.74 | 3.88 | 4.02 | 3.87 | 3.96 | 4.10 | 4.25 | 4.04 | 4.14 | 4.29 | 4.45 | 4.20 | 4.30 | 4.46 | 4.62 |
| | | AMPS | 13.9 | 14.2 | 14.6 | 15.2 | 14.9 | 15.3 | 15.8 | 16.4 | 16.2 | 16.6 | 17.1 | 17.8 | 17.3 | 17.7 | 18.3 | 19.0 | 18.4 | 18.8 | 19.5 | 20.2 | 19.5 | 19.9 | 20.6 | 21.4 |
| | | HI PR | 150 | 161 | 170 | 178 | 168 | 181 | 191 | 200 | 191 | 206 | 218 | 227 | 218 | 235 | 248 | 258 | 245 | 264 | 279 | 291 | 271 | 292 | 308 | 321 |
| | | LO PR | 56 | 60 | 65 | 69 | 59 | 63 | 69 | 73 | 61 | 65 | 71 | 76 | 65 | 69 | 75 | 80 | 68 | 72 | 79 | 84 | 70 | 74 | 81 | 87 |
| | 1600 | MBh | 45.5 | 46.8 | 50.7 | 54.4 | 44.4 | 45.7 | 49.5 | 53.1 | 43.4 | 44.6 | 48.3 | 51.9 | 42.3 | 43.6 | 47.1 | 50.6 | 40.2 | 41.4 | 44.8 | 48.1 | 37.2 | 38.3 | 41.5 | 44.5 |
| | | S/T | 0.78 | 0.70 | 0.53 | 0.34 | 0.81 | 0.73 | 0.55 | 0.35 | 0.83 | 0.75 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.80 | 0.60 | 0.39 | 0.90 | 0.81 | 0.61 | 0.39 |
| | | Delta T | 20 | 19 | 15 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 19 | 18 | 15 | 10 |
| | | KW | 3.12 | 3.19 | 3.30 | 3.42 | 3.39 | 3.47 | 3.59 | 3.72 | 3.62 | 3.71 | 3.84 | 3.98 | 3.83 | 3.92 | 4.06 | 4.21 | 4.01 | 4.10 | 4.25 | 4.41 | 4.16 | 4.26 | 4.42 | 4.58 |
| | | AMPS | 13.7 | 14.1 | 14.5 | 15.0 | 14.8 | 15.2 | 15.7 | 16.2 | 16.1 | 16.4 | 17.0 | 17.6 | 17.1 | 17.6 | 18.1 | 18.8 | 18.2 | 18.7 | 19.3 | 20.0 | 19.3 | 19.8 | 20.4 | 21.2 |
| | | HI PR | 149 | 160 | 169 | 176 | 167 | 179 | 189 | 198 | 190 | 204 | 215 | 225 | 216 | 232 | 245 | 256 | 243 | 261 | 276 | 288 | 268 | 289 | 305 | 318 |
| | | LO PR | 55 | 59 | 64 | 69 | 59 | 62 | 68 | 72 | 61 | 65 | 71 | 75 | 64 | 68 | 74 | 79 | 67 | 71 | 78 | 83 | 69 | 74 | 80 | 86 |
| | 1400 | MBh | 42.0 | 43.2 | 46.8 | 50.2 | 41.0 | 42.2 | 45.7 | 49.0 | 40.0 | 41.2 | 44.6 | 47.9 | 39.0 | 40.2 | 43.5 | 46.7 | 37.1 | 38.2 | 41.3 | 44.4 | 34.4 | 35.4 | 38.3 | 41.1 |
| | | S/T | 0.76 | 0.68 | 0.51 | 0.33 | 0.78 | 0.70 | 0.53 | 0.34 | 0.80 | 0.72 | 0.54 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.38 | 0.87 | 0.78 | 0.59 | 0.38 |
| | | Delta T | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | 19 | 16 | 11 | 21 | 20 | 16 | 11 | 21 | 19 | 16 | 11 | 20 | 18 | 15 | 10 |
| | | KW | 3.04 | 3.11 | 3.22 | 3.33 | 3.30 | 3.37 | 3.49 | 3.62 | 3.52 | 3.61 | 3.74 | 3.87 | 3.73 | 3.82 | 3.95 | 4.10 | 3.90 | 3.99 | 4.14 | 4.29 | 4.05 | 4.14 | 4.29 | 4.45 |
| | | AMPS | 13.4 | 13.7 | 14.1 | 14.6 | 14.4 | 14.8 | 15.2 | 15.8 | 15.6 | 16.0 | 16.5 | 17.1 | 16.7 | 17.1 | 176. | 18.3 | 17.7 | 18.2 | 18.8 | 19.5 | 18.8 | 19.2 | 19.9 | 20.6 |
| | | HI PR | 144 | 155 | 164 | 171 | 162 | 174 | 184 | 192 | 184 | 198 | 209 | 218 | 209 | 225 | 238 | 248 | 236 | 254 | 268 | 279 | 260 | 280 | 296 | 309 |
| | | LO PR | 54 | 57 | 62 | 67 | 57 | 60 | 66 | 70 | 59 | 63 | 69 | 73 | 62 | 66 | 72 | 77 | 65 | 69 | 75 | 80 | 67 | 72 | 78 | 83 |

*Entering Indoor Dry Bulb Temperature **Note:** Shaded area is ACCA (TVA) conditions.

| Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IDB* | Flow Rate | | 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 | 1800 | MBh | 47.7 | 48.7 | 52.0 | 55.6 | 46.6 | 47.6 | 50.8 | 54.3 | 45.5 | 46.4 | 49.6 | 53.0 | 44.3 | 45.3 | 48.4 | 51.8 | 42.1 | 43.0 | 46.0 | 49.2 | 39.0 | 39.9 | 42.6 | 45.5 |
| | | S/T | 0.90 | 0.85 | 0.69 | 0.51 | 0.94 | 0.88 | 0.71 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 1.00 | 0.93 | 0.76 | 0.56 | 1.00 | 0.96 | 0.78 | 0.59 | 1.00 | 1.00 | 0.79 | 0.59 |
| | | Delta T | 22 | 21 | 18 | 15 | 22 | 21 | 19 | 15 | 22 | 21 | 19 | 15 | 23 | 21 | 19 | 15 | 22 | 21 | 18 | 15 | 20 | 20 | 17 | 14 |
| | | KW | 3.18 | 3.25 | 3.36 | 3.48 | 3.45 | 3.53 | 3.66 | 3.79 | 3.69 | 3.78 | 3.91 | 4.05 | 3.90 | 3.99 | 4.14 | 4.29 | 4.08 | 4.18 | 4.33 | 4.49 | 4.24 | 4.34 | 4.50 | 4.66 |
| | | AMPS | 14.0 | 14.3 | 14.8 | 15.3 | 15.1 | 15.4 | 15.9 | 16.5 | 16.4 | 16.7 | 17.3 | 17.9 | 17.5 | 17.9 | 18.5 | 19.2 | 18.6 | 19.0 | 19.6 | 20.4 | 19.7 | 20.1 | 20.8 | 21.6 |
| | | HI PR | 152 | 163 | 172 | 180 | 170 | 183 | 193 | 202 | 193 | 208 | 220 | 229 | 220 | 237 | 250 | 261 | 248 | 267 | 282 | 294 | 274 | 295 | 311 | 324 |
| | | LO PR | 57 | 60 | 66 | 70 | 60 | 64 | 69 | 74 | 62 | 66 | 72 | 77 | 65 | 69 | 76 | 81 | 68 | 73 | 79 | 85 | 71 | 75 | 82 | 87 |
| | 1600 | MBh | 46.3 | 47.3 | 50.5 | 54.0 | 45.2 | 46.2 | 49.4 | 52.8 | 44.1 | 45.1 | 48.2 | 51.5 | 43.1 | 44.0 | 47.0 | 50.2 | 40.9 | 41.8 | 44.7 | 47.7 | 37.9 | 38.7 | 41.4 | 44.2 |
| | | S/T | 0.86 | 0.81 | 0.66 | 0.49 | 0.89 | 0.84 | 0.68 | 0.51 | 0.91 | 0.86 | 0.70 | 0.52 | 0.94 | 0.89 | 0.72 | 0.54 | 0.98 | 0.92 | 0.75 | 0.56 | 0.99 | 0.93 | 0.75 | 0.56 |
| | | Delta T | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 15 | 23 | 22 | 19 | 16 | 23 | 22 | 19 | 15 | 22 | 21 | 18 | 14 |
| | | KW | 3.15 | 3.22 | 3.33 | 3.45 | 3.42 | 3.50 | 3.62 | 3.75 | 3.66 | 3.74 | 3.88 | 4.02 | 3.87 | 3.96 | 4.10 | 4.25 | 4.04 | 4.14 | 4.29 | 4.45 | 4.20 | 4.30 | 4.46 | 4.62 |
| | | AMPS | 13.9 | 14.2 | 14.6 | 15.2 | 14.9 | 15.3 | 15.8 | 16.4 | 16.2 | 16.6 | 17.1 | 17.8 | 17.3 | 17.7 | 18.3 | 19.0 | 18.4 | 18.8 | 19.5 | 20.2 | 19.5 | 19.9 | 20.6 | 21.4 |
| | | HI PR | 150 | 161 | 170 | 178 | 168 | 181 | 191 | 200 | 191 | 206 | 218 | 227 | 218 | 235 | 248 | 258 | 245 | 264 | 279 | 291 | 271 | 292 | 308 | 321 |
| | | LO PR | 56 | 60 | 65 | 69 | 59 | 63 | 69 | 73 | 61 | 65 | 71 | 76 | 65 | 69 | 75 | 80 | 68 | 72 | 79 | 84 | 70 | 74 | 81 | 87 |
| | 1400 | MBh | 42.7 | 43.6 | 46.6 | 49.9 | 41.7 | 42.6 | 45.6 | 48.7 | 40.7 | 41.6 | 44.5 | 47.5 | 39.7 | 40.6 | 43.4 | 46.4 | 37.8 | 38.6 | 41.2 | 44.1 | 35.0 | 35.7 | 38.2 | 40.8 |
| | | S/T | 0.83 | 0.78 | 0.63 | 0.47 | 0.86 | 0.81 | 0.66 | 0.49 | 0.88 | 0.83 | 0.67 | 0.50 | 0.91 | 0.85 | 0.69 | 0.52 | 0.94 | 0.89 | 0.72 | 0.54 | 0.95 | 0.89 | 0.73 | 0.54 |
| | | Delta T | 23 | 22 | 19 | 15 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 24 | 23 | 20 | 16 | 23 | 22 | 20 | 16 | 22 | 21 | 18 | 15 |
| | | KW | 3.06 | 3.14 | 3.25 | 3.36 | 3.33 | 3.40 | 3.52 | 3.65 | 3.56 | 3.64 | 37.7 | 3.91 | 3.76 | 3.85 | 3.99 | 4.13 | 3.93 | 4.03 | 4.17 | 4.33 | 4.08 | 4.18 | 4.33 | 4.49 |
| | | AMPS | 13.5 | 13.8 | 14.2 | 14.8 | 14.6 | 14.9 | 15.4 | 15.9 | 15.8 | 16.2 | 16.7 | 17.3 | 16.8 | 17.2 | 17.8 | 18.5 | 17.9 | 18.3 | 18.9 | 19.6 | 18.9 | 19.4 | 20.0 | 20.8 |
| | | HI PR | 146 | 157 | 165 | 172 | 163 | 176 | 186 | 194 | 186 | 200 | 211 | 220 | 2`12 | 228 | 240 | 251 | 238 | 256 | 270 | 282 | 263 | 283 | 299 | 312 |
| | | LO PR | 54 | 58 | 63 | 67 | 57 | 61 | 67 | 71 | 60 | 63 | 69 | 74 | 63 | 67 | 73 | 77 | 66 | 70 | 76 | 81 | 68 | 72 | 79 | 84 |
| 85 | 1800 | MBh | 48.5 | 49.4 | 51.8 | 55.2 | 47.4 | 48.3 | 50.6 | 54.0 | 46.2 | 47.1 | 49.4 | 52.7 | 45.1 | 46.0 | 48.2 | 51.4 | 42.9 | 43.7 | 45.8 | 48.8 | 39.7 | 40.5 | 42.4 | 45.2 |
| | | S/T | 0.95 | 0.91 | 0.82 | 0.67 | 0.98 | 0.95 | 0.85 | 0.69 | 1.00 | 0.97 | 0.88 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.95 | 0.77 |
| | | Delta T | 23 | 23 | 22 | 19 | 24 | 23 | 22 | 19 | 24 | 23 | 22 | 19 | 23 | 23 | 22 | 19 | 22 | 22 | 22 | 19 | 20 | 21 | 20 | 18 |
| | | KW | 3.20 | 3.28 | 3.39 | 3.52 | 3.48 | 3.56 | 3.69 | 3.82 | 3.72 | 3.81 | 3.95 | 4.09 | 3.94 | 4.03 | 4.18 | 4.33 | 4.12 | 4.22 | 4.37 | 4.53 | 4.28 | 4.38 | 4.54 | 4.71 |
| | | AMPS | 14.1 | 14.4 | 14.9 | 15.4 | 15.2 | 15.6 | 16.1 | 16.7 | 16.5 | 16.9 | 17.4 | 18.1 | 17.6 | 18.0 | 18.6 | 19.3 | 18.7 | 19.2 | 19.8 | 20.6 | 19.8 | 20.3 | 21.0 | 21.8 |
| | | HI PR | 153 | 165 | 174 | 181 | 172 | 185 | 195 | 204 | 195 | 210 | 222 | 231 | 222 | 239 | 253 | 264 | 250 | 269 | 284 | 297 | 277 | 298 | 314 | 328 |
| | | LO PR | 57 | 61 | 66 | 71 | 60 | 64 | 70 | 75 | 63 | 67 | 73 | 78 | 66 | 70 | 77 | 81 | 69 | 73 | 80 | 85 | 71 | 76 | 83 | 88 |
| | 1600 | MBh | 47.1 | 48.0 | 50.3 | 53.6 | 46.0 | 46.9 | 49.1 | 52.4 | 44.9 | 45.8 | 47.9 | 51.1 | 43.8 | 44.7 | 46.8 | 49.9 | 41.6 | 42.4 | 44.4 | 47.4 | 38.5 | 39.3 | 41.2 | 43.9 |
| | | S/T | 0.90 | 0.87 | 0.79 | 0.64 | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.93 | 0.83 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.73 | 1.00 | 1.00 | 0.90 | 0.73 |
| | | Delta T | 24 | 24 | 23 | 20 | 25 | 24 | 23 | 20 | 25 | 24 | 23 | 20 | 25 | 24 | 23 | 20 | 24 | 24 | 23 | 20 | 22 | 23 | 21 | 18 |
| | | KW | 3.18 | 3.25 | 3.36 | 3.48 | 3.45 | 3.53 | 3.66 | 3.79 | 3.69 | 3.78 | 3.91 | 4.05 | 3.90 | 3.99 | 4.14 | 4.29 | 4.08 | 4.18 | 4.33 | 4.49 | 4.24 | 4.34 | 4.50 | 4.66 |
| | | AMPS | 14.0 | 14.3 | 14.8 | 15.3 | 15.1 | 15.4 | 15.9 | 16.5 | 16.4 | 16.7 | 17.3 | 17.9 | 17.5 | 17.9 | 18.5 | 19.2 | 18.6 | 19.0 | 19.6 | 20.4 | 19.7 | 20.1 | 20.8 | 21.6 |
| | | HI PR | 152 | 163 | 172 | 180 | 170 | 183 | 193 | 202 | 193 | 208 | 220 | 229 | 220 | 237 | 250 | 261 | 248 | 267 | 282 | 294 | 274 | 295 | 311 | 324 |
| | | LO PR | 57 | 60 | 66 | 70 | 60 | 64 | 69 | 74 | 62 | 66 | 72 | 77 | 65 | 69 | 76 | 81 | 68 | 73 | 79 | 85 | 71 | 75 | 82 | 87 |
| | 1400 | MBh | 43.5 | 44.3 | 46.4 | 49.5 | 42.5 | 43.3 | 45.3 | 48.4 | 41.4 | 42.2 | 44.2 | 47.2 | 40.4 | 41.2 | 43.2 | 46.0 | 38.4 | 39.2 | 41.0 | 43.7 | 35.6 | 36.3 | 38.0 | 40.5 |
| | | S/T | 0.87 | 0.84 | 0.76 | 0.61 | 0.90 | 0.87 | 0.79 | 0.64 | 0.92 | 0.89 | 0.80 | 0.65 | 0.95 | 0.92 | 0.83 | 0.67 | 0.99 | 0.96 | 0.86 | 0.70 | 1.00 | 0.96 | 0.87 | 0.71 |
| | | Delta T | 25 | 24 | 23 | 20 | 25 | 25 | 23 | 20 | 25 | 25 | 23 | 20 | 25 | 25 | 24 | 20 | 25 | 25 | 23 | 20 | 23 | 23 | 22 | 19 |
| | | KW | 3.09 | 3.16 | 3.27 | 3.39 | 3.36 | 3.44 | 3.56 | 3.68 | 3.59 | 3.67 | 3.81 | 3.94 | 3.79 | 3.89 | 4.03 | 4.17 | 3.97 | 4.07 | 4.21 | 4.37 | 4.12 | 4.22 | 4.37 | 4.53 |
| | | AMPS | 13.6 | 13.9 | 14.4 | 14.9 | 14.7 | 15.0 | 15.5 | 16.1 | 15.9 | 16.3 | 16.8 | 17.4 | 17.0 | 17.4 | 18.0 | 18.6 | 18.1 | 18.5 | 19.1 | 19.8 | 19.1 | 19.6 | 20.2 | 21.0 |
| | | HI PR | 147 | 158 | 167 | 174 | 165 | 177 | 187 | 195 | 188 | 202 | 213 | 222 | 214 | 230 | 243 | 253 | 240 | 259 | 273 | 285 | 266 | 286 | 302 | 315 |
| | | LO PR | 55 | 58 | 64 | 68 | 58 | 62 | 67 | 72 | 60 | 64 | 70 | 74 | 63 | 67 | 73 | 78 | 66 | 71 | 77 | 82 | 69 | 73 | 80 | 85 |

*Entering Indoor Dry Bulb Temperature **Note:** Shaded area is ARI Rating conditions.

| Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IDB* | Flow Rate | | 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 | 1900 | MBh | 57.7 | 59.8 | 65.5 | – | 56.3 | 58.4 | 63.9 | – | 55.0 | 57.0 | 62.4 | – | 53.6 | 55.6 | 60.9 | – | 50.9 | 52.8 | 57.9 | – | 47.2 | 48.9 | 53.6 | – |
| | | S/T | 0.67 | 0.56 | 0.39 | – | 0.70 | 0.58 | 0.40 | – | 0.72 | 0.60 | 0.41 | – | 0.74 | 0.62 | 0.43 | – | 0.77 | 0.64 | 0.44 | – | 0.77 | 0.65 | 0.45 | – |
| | | Delta T | 19 | 16 | 12 | – | 19 | 16 | 13 | – | 19 | 16 | 13 | – | 19 | 17 | 13 | – | 19 | 16 | 12 | – | 18 | 15 | 12 | – |
| | | KW | 3.90 | 3.99 | 4.14 | – | 4.24 | 4.34 | 4.50 | – | 4.54 | 4.66 | 4.83 | – | 4.81 | 4.93 | 5.11 | – | 5.04 | 5.16 | 5.35 | – | 5.24 | 5.37 | 5.56 | – |
| | | AMPS | 17.4 | 17.9 | 18.4 | – | 18.9 | 19.3 | 20.0 | – | 20.5 | 21.0 | 21.7 | – | 21.9 | 22.5 | 23.2 | – | 23.4 | 23.9 | 24.7 | – | 24.8 | 25.4 | 26.2 | – |
| | | HI PR | 149 | 161 | 170 | – | 167 | 180 | 190 | – | 190 | 205 | 216 | – | 217 | 233 | 247 | – | 244 | 263 | 277 | – | 270 | 290 | 306 | – |
| | | LO PR | 56 | 60 | 66 | – | 60 | 64 | 69 | – | 62 | 66 | 72 | – | 65 | 69 | 76 | – | 68 | 73 | 79 | – | 71 | 75 | 82 | – |
| | 1750 | MBh | 57.1 | 59.2 | 64.8 | – | 55.8 | 57.8 | 63.3 | – | 54.4 | 56.4 | 61.8 | – | 53.1 | 55.0 | 60.3 | – | 50.4 | 52.3 | 57.3 | – | 46.7 | 48.4 | 53.1 | – |
| | | S/T | 0.66 | 0.55 | 0.38 | – | 0.69 | 0.57 | 0.40 | – | 0.70 | 0.59 | 0.41 | – | 0.73 | 0.61 | 0.42 | – | 0.75 | 0.63 | 0.44 | – | 0.76 | 0.63 | 0.44 | – |
| | | Delta T | 20 | 17 | 13 | – | 20 | 17 | 13 | – | 20 | 17 | 13 | – | 20 | 18 | 13 | – | 20 | 17 | 13 | – | 19 | 16 | 12 | – |
| | | KW | 3.89 | 3.98 | 4.12 | – | 4.23 | 4.33 | 4.49 | – | 4.53 | 4.64 | 4.81 | – | 4.80 | 4.92 | 5.10 | – | 5.02 | 5.15 | 5.34 | – | 5.22 | 5.35 | 5.55 | – |
| | | AMPS | 17.4 | 17.8 | 18.4 | – | 18.8 | 19.3 | 19.9 | – | 20.4 | 20.9 | 21.7 | – | 21.9 | 22.4 | 23.2 | – | 23.3 | 23.9 | 24.7 | – | 24.7 | 25.3 | 26.2 | – |
| | | HI PR | 149 | 160 | 169 | – | 167 | 180 | 190 | – | 190 | 204 | 216 | – | 216 | 233 | 246 | – | 243 | 262 | 277 | – | 269 | 289 | 306 | – |
| | | LO PR | 56 | 60 | 65 | – | 60 | 63 | 69 | – | 62 | 66 | 72 | – | 65 | 69 | 75 | – | 68 | 72 | 79 | – | 70 | 75 | 82 | – |
| | 1650 | MBh | 56.2 | 58.3 | 63.9 | – | 54.9 | 56.9 | 62.4 | – | 53.6 | 55.6 | 60.9 | – | 52.3 | 54.2 | 59.4 | – | 49.7 | 51.5 | 56.4 | – | 46.0 | 47.7 | 52.3 | – |
| | | S/T | 0.64 | 0.53 | 0.37 | – | 0.66 | 0.55 | 0.38 | – | 0.68 | 0.57 | 0.39 | – | 0.70 | 0.58 | 0.40 | – | 0.73 | 0.61 | 0.42 | – | 0.73 | 0.61 | 0.42 | – |
| | | Delta T | 20 | 17 | 13 | – | 20 | 17 | 13 | – | 20 | 18 | 13 | – | 20 | 18 | 13 | – | 20 | 17 | 13 | – | 19 | 16 | 12 | – |
| | | KW | 3.83 | 3.92 | 4.06 | – | 4.16 | 4.26 | 4.42 | – | 4.46 | 4.57 | 4.74 | – | 4.72 | 4.84 | 5.02 | – | 4.95 | 5.07 | 5.25 | – | 5.14 | 5.27 | 5.46 | – |
| | | AMPS | 17.1 | 17.5 | 18.1 | – | 18.5 | 19.0 | 19.6 | – | 20.1 | 20.6 | 21.3 | – | 21.5 | 22.1 | 22.8 | – | 22.9 | 23.5 | 24.3 | – | 24.3 | 24.9 | 25.7 | – |
| | | HI PR | 146 | 157 | 166 | – | 164 | 177 | 187 | – | 187 | 201 | 212 | – | 213 | 229 | 242 | – | 239 | 257 | 272 | – | 264 | 284 | 300 | – |
| | | LO PR | 55 | 59 | 64 | – | 59 | 62 | 68 | – | 61 | 65 | 71 | – | 64 | 68 | 74 | – | 67 | 71 | 78 | – | 69 | 74 | 80 | – |
| 75 | 1900 | MBh | 58.6 | 60.4 | 65.3 | 70.1 | 57.3 | 59.0 | 63.8 | 68.5 | 55.9 | 57.6 | 62.3 | 66.9 | 54.5 | 56.2 | 60.8 | 65.2 | 51.8 | 53.3 | 57.7 | 62.0 | 48.0 | 49.4 | 53.5 | 57.4 |
| | | S/T | 0.77 | 0.69 | 0.52 | 0.33 | 0.79 | 0.71 | 0.54 | 0.35 | 0.81 | 0.73 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.88 | 0.79 | 0.60 | 0.38 |
| | | Delta T | 22 | 20 | 16 | 11 | 22 | 20 | 17 | 11 | 22 | 20 | 17 | 11 | 22 | 20 | 17 | 12 | 22 | 20 | 16 | 11 | 20 | 19 | 15 | 11 |
| | | KW | 3.93 | 4.03 | 4.17 | 4.33 | 4.28 | 4.38 | 4.54 | 4.71 | 4.59 | 4.70 | 4.87 | 5.05 | 4.86 | 4.98 | 5.16 | 5.35 | 5.09 | 5.21 | 5.41 | 5.61 | 5.29 | 5.42 | 5.62 | 5.83 |
| | | AMPS | 17.6 | 18.0 | 18.6 | 19.3 | 19.0 | 19.5 | 20.1 | 20.9 | 20.7 | 21.2 | 21.9 | 22.7 | 22.1 | 22.7 | 23.4 | 24.3 | 23.6 | 24.2 | 25.0 | 25.9 | 25.0 | 25.6 | 26.5 | 27.5 |
| | | HI PR | 151 | 162 | 171 | 179 | 169 | 182 | 192 | 201 | 192 | 207 | 219 | 228 | 219 | 236 | 249 | 260 | 247 | 265 | 280 | 292 | 272 | 293 | 310 | 323 |
| | | LO PR | 57 | 61 | 66 | 71 | 60 | 64 | 70 | 75 | 63 | 67 | 73 | 78 | 66 | 70 | 76 | 81 | 69 | 73 | 80 | 85 | 71 | 76 | 83 | 88 |
| | 1750 | MBh | 58.1 | 59.8 | 64.7 | 69.4 | 56.7 | 58.4 | 63.2 | 67.8 | 55.4 | 57.0 | 61.7 | 66.2 | 54.0 | 55.6 | 60.2 | 64.6 | 51.3 | 52.8 | 57.2 | 61.4 | 47.5 | 48.9 | 53.0 | 56.8 |
| | | S/T | 0.75 | 0.67 | 0.51 | 0.33 | 0.78 | 0.70 | 0.53 | 0.34 | 0.80 | 0.71 | 0.54 | 0.35 | 0.82 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.86 | 0.77 | 0.58 | 0.38 |
| | | Delta T | 23 | 21 | 17 | 12 | 23 | 21 | 17 | 12 | 23 | 21 | 18 | 12 | 23 | 22 | 18 | 12 | 23 | 21 | 17 | 12 | 22 | 20 | 16 | 11 |
| | | KW | 3.92 | 4.02 | 4.16 | 4.31 | 4.27 | 4.37 | 4.53 | 4.70 | 4.57 | 4.69 | 4.86 | 5.04 | 4.84 | 4.96 | 5.15 | 5.34 | 5.07 | 5.20 | 5.39 | 5.59 | 5.27 | 5.40 | 5.60 | 5.81 |
| | | AMPS | 17.5 | 18.0 | 18.6 | 19.3 | 19.0 | 19.4 | 20.1 | 20.8 | 20.6 | 21.1 | 21.9 | 22.7 | 22.1 | 22.6 | 23.4 | 24.3 | 23.5 | 24.1 | 24.9 | 25.9 | 24.9 | 25.5 | 26.4 | 27.4 |
| | | HI PR | 150 | 162 | 171 | 178 | 169 | 182 | 192 | 200 | 192 | 206 | 218 | 227 | 218 | 235 | 248 | 259 | 246 | 265 | 279 | 291 | 272 | 292 | 309 | 322 |
| | | LO PR | 57 | 61 | 66 | 70 | 60 | 64 | 70 | 74 | 62 | 66 | 73 | 77 | 66 | 70 | 76 | 81 | 69 | 73 | 80 | 85 | 71 | 76 | 83 | 88 |
| | 1650 | MBh | 57.2 | 58.9 | 63.7 | 68.4 | 55.8 | 57.5 | 62.2 | 66.8 | 54.5 | 56.1 | 60.8 | 65.2 | 53.2 | 54.8 | 59.3 | 63.6 | 50.5 | 52.0 | 56.3 | 60.4 | 46.8 | 48.2 | 52.2 | 56.0 |
| | | S/T | 0.72 | 0.65 | 0.49 | 0.32 | 0.75 | 0.67 | 0.51 | 0.33 | 0.77 | 0.69 | 0.52 | 0.34 | 0.79 | 0.71 | 0.54 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.83 | 0.74 | 0.56 | 0.36 |
| | | Delta T | 23 | 21 | 17 | 12 | 23 | 22 | 18 | 12 | 23 | 22 | 18 | 12 | 24 | 22 | 18 | 12 | 23 | 21 | 18 | 12 | 22 | 20 | 16 | 11 |
| | | KW | 3.86 | 3.95 | 4.10 | 4.25 | 4.20 | 4.30 | 4.46 | 4.62 | 4.50 | 4.61 | 4.78 | 4.96 | 4.77 | 4.88 | 5.06 | 5.25 | 4.99 | 5.12 | 5.30 | 5.50 | 5.19 | 5.32 | 5.51 | 5.72 |
| | | AMPS | 17.3 | 17.7 | 18.3 | 19.0 | 18.7 | 19.1 | 19.8 | 20.5 | 20.3 | 20.8 | 21.5 | 22.3 | 21.7 | 22.3 | 23.0 | 23.9 | 23.1 | 23.7 | 24.5 | 25.4 | 24.5 | 25.1 | 26.0 | 27.0 |
| | | HI PR | 148 | 159 | 168 | 175 | 166 | 178 | 188 | 197 | 189 | 203 | 214 | 224 | 215 | 231 | 244 | 255 | 242 | 260 | 275 | 286 | 267 | 287 | 303 | 316 |
| | | LO PR | 56 | 660 | 65 | 69 | 59 | 63 | 69 | 73 | 61 | 65 | 71 | 76 | 65 | 69 | 75 | 80 | 68 | 72 | 79 | 84 | 70 | 74 | 81 | 87 |

*Entering Indoor Dry Bulb Temperature **Note:** Shaded area is ACCA (TVA) conditions.

| | | Outdoor Ambient Temperature | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 65 | | | | 75 | | | | 85 | | | | 95 | | | | 105 | | | | 115 | | | |
| | | Entering Indoor Wet Bulb Temperature | | | | | | | | | | | | | | | | | | | | | | | |
| IDB* | Flow Rate | | 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 | 1900 | MBh | 61.0 | 65.1 | 69.6 | 58.3 | 59.6 | 63.6 | 68.0 | 56.9 | 58.1 | 62.1 | 66.4 | 55.5 | 56.7 | 60.6 | 64.8 | 52.7 | 53.9 | 57.6 | 61.5 | 48.8 | 49.9 | 53.3 | 57.0 | 15.2 |
| | | S/T | 0.79 | 0.64 | 0.48 | 0.87 | 0.82 | 0.66 | 0.50 | 0.89 | 0.84 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 0.96 | 0.90 | 0.74 | 0.55 | 5.88 |
| | | Delta T | 23 | 20 | 16 | 25 | 24 | 20 | 16 | 25 | 24 | 20 | 16 | 25 | 24 | 21 | 16 | 24 | 23 | 20 | 16 | 23 | 22 | 19 | 15 | 28 |
| | | KW | 4.07 | 4.21 | 4.37 | 4.32 | 4.43 | 4.59 | 4.76 | 4.63 | 4.74 | 4.92 | 5.10 | 4.90 | 5.02 | 5.21 | 5.40 | 5.13 | 5.26 | 5.46 | 5.66 | 5.33 | 5.47 | 5.67 | 5.88 | |
| | | AMPS | 18.2 | 18.8 | 19.5 | 19.2 | 19.7 | 20.3 | 21.1 | 20.9 | 21.4 | 22.1 | 23.0 | 22.3 | 22.9 | 23.7 | 24.6 | 23.8 | 24.4 | 25.2 | 26.2 | 25.2 | 25.9 | 26.7 | 27.8 | 89.2 |
| | | HI PR | 164 | 173 | 181 | 171 | 184 | 194 | 203 | 194 | 209 | 221 | 230 | 221 | 238 | 252 | 262 | 249 | 268 | 283 | 295 | 275 | 296 | 313 | 326 | 56 |
| | | LO PR | 61 | 67 | 71 | 61 | 65 | 71 | 75 | 63 | 67 | 74 | 78 | 66 | 71 | 77 | 82 | 70 | 74 | 81 | 86 | 72 | 77 | 84 | 89 | 1 |
| | 1750 | MBh | 60.4 | 64.5 | 69.0 | 57.7 | 59.0 | 63.0 | 67.3 | 56.3 | 57.6 | 61.5 | 65.7 | 55.0 | 56.2 | 60.0 | 64.1 | 52.2 | 53.4 | 57.0 | 60.9 | 48.4 | 49.4 | 52.8 | 56.4 | 16.0 |
| | | S/T | 0.77 | 0.63 | 0.47 | 0.85 | 0.80 | 0.65 | 0.49 | 0.88 | 0.82 | 0.67 | 0.50 | 0.90 | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.95 | 0.89 | 0.72 | 0.54 | 5.87 |
| | | Delta T | 25 | 21 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | 21 | 17 | 24 | 23 | 20 | 16 | 28 |
| | | KW | 4.05 | 4.20 | 4.35 | 4.31 | 4.41 | 4.57 | 4.74 | 4.62 | 4.73 | 4.90 | 5.09 | 4.89 | 5.01 | 5.19 | 5.39 | 5.12 | 5.25 | 5.44 | 5.64 | 5.32 | 5.45 | 5.65 | 5.87 | |
| | | AMPS | 18.1 | 18.7 | 19.4 | 19.2 | 19.6 | 20.3 | 21.0 | 20.8 | 21.3 | 22.1 | 22.9 | 22.3 | 22.8 | 23.6 | 24.5 | 23.7 | 24.3 | 25.1 | 26.1 | 25.2 | 25.8 | 26.7 | 27.7 | 88.9 |
| | | HI PR | 163 | 173 | 180 | 170 | 183 | 194 | 202 | 194 | 209 | 220 | 230 | 221 | 238 | 251 | 262 | 248 | 267 | 282 | 294 | 274 | 295 | 312 | 325 | 56 |
| | | LO PR | 61 | 67 | 71 | 61 | 65 | 71 | 75 | 63 | 67 | 73 | 78 | 66 | 71 | 77 | 82 | 69 | 74 | 81 | 86 | 72 | 76 | 83 | 89 | 1 |
| | 1650 | MBh | 59.5 | 63.5 | 67.9 | 56.8 | 58.1 | 62.1 | 66.3 | 55.5 | 56.7 | 60.6 | 64.8 | 54.1 | 55.3 | 59.1 | 63.2 | 51.4 | 52.6 | 56.1 | 60.0 | 47.6 | 48.7 | 52.0 | 55.6 | 16.1 |
| | | S/T | 0.75 | 0.61 | 0.45 | 0.82 | 0.77 | 0.63 | 0.47 | 0.84 | 0.79 | 0.64 | 0.48 | 0.87 | 0.82 | 0.67 | 0.50 | 0.90 | 0.85 | 0.69 | 0.52 | 0.91 | 0.86 | 0.70 | 0.52 | 5.77 |
| | | Delta T | 25 | 21 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | 22 | 17 | 26 | 25 | 22 | 18 | 26 | 25 | 22 | 17 | 24 | 23 | 20 | 16 | 27 |
| | | KW | 3.99 | 4.14 | 4.29 | 4.24 | 4.34 | 4.50 | 4.67 | 4.54 | 4.66 | 4.83 | 5.00 | 4.81 | 4.93 | 5.11 | 5.30 | 5.04 | 5.16 | 5.35 | 5.55 | 5.24 | 5.37 | 5.56 | 5.77 | |
| | | AMPS | 17.9 | 18.4 | 19.1 | 18.9 | 19.3 | 20.0 | 20.7 | 20.5 | 21.0 | 21.7 | 22.5 | 21.9 | 22.5 | 23.2 | 24.1 | 23.4 | 23.9 | 24.7 | 25.7 | 24.8 | 25.4 | 26.2 | 27.2 | 87.4 |
| | | HI PR | 161 | 170 | 177 | 167 | 180 | 190 | 199 | 190 | 205 | 216 | 226 | 217 | 233 | 247 | 257 | 244 | 263 | 277 | 289 | 270 | 290 | 306 | 320 | – |
| | | LO PR | 60 | 66 | 70 | 60 | 64 | 69 | 74 | 62 | 66 | 72 | 77 | 65 | 69 | 76 | 81 | 68 | 73 | 79 | 84 | 71 | 75 | 82 | 87 | 57 |
| 85 | 1900 | MBh | 61.9 | 64.8 | 69.2 | 59.3 | 60.5 | 63.3 | 67.5 | 57.9 | 59.0 | 61.8 | 65.9 | 56.5 | 57.6 | 60.3 | 64.3 | 53.7 | 54.7 | 57.3 | 61.1 | 49.7 | 50.7 | 53.1 | 56.6 | 19.6 |
| | | S/T | 0.85 | 0.77 | 0.62 | 0.91 | 0.88 | 0.80 | 0.65 | 0.94 | 0.90 | 0.82 | 0.66 | 0.97 | 0.93 | 0.84 | 0.68 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 0.98 | 0.88 | 0.71 | 5.94 |
| | | Delta T | 25 | 24 | 21 | 26 | 26 | 24 | 21 | 26 | 26 | 24 | 21 | 26 | 26 | 25 | 21 | 26 | 26 | 24 | 21 | 24 | 24 | 23 | 20 | 28 |
| | | KW | 4.10 | 4.25 | 4.41 | 4.36 | 4.47 | 4.63 | 4.80 | 4.67 | 4.79 | 4.96 | 5.15 | 4.95 | 5.07 | 5.26 | 5.45 | 5.18 | 5.31 | 5.51 | 5.71 | 5.38 | 5.52 | 5.72 | 5.94 | |
| | | AMPS | 18.4 | 19.0 | 19.7 | 19.4 | 19.9 | 20.5 | 21.3 | 21.1 | 21.6 | 22.3 | 23.2 | 22.5 | 23.1 | 23.9 | 24.8 | 24.0 | 24.6 | 25.4 | 26.4 | 25.5 | 26.1 | 27.0 | 28.0 | 90.1 |
| | | HI PR | 166 | 175 | 182 | 173 | 186 | 196 | 205 | 196 | 211 | 223 | 233 | 224 | 241 | 254 | 265 | 252 | 271 | 286 | 298 | 278 | 299 | 316 | 329 | 56 |
| | | LO PR | 62 | 68 | 72 | 62 | 65 | 71 | 76 | 64 | 68 | 74 | 79 | 67 | 71 | 78 | 83 | 70 | 75 | 82 | 87 | 73 | 77 | 85 | 90 | 1 |
| | 1750 | MBh | 61.3 | 64.2 | 68.5 | 58.7 | 59.9 | 62.7 | 66.9 | 57.3 | 58.4 | 61.2 | 65.3 | 55.9 | 57.0 | 59.7 | 63.7 | 53.1 | 54.2 | 56.7 | 60.5 | 49.2 | 50.2 | 52.5 | 56.0 | 20.6 |
| | | S/T | 0.83 | 0.75 | 0.61 | 0.90 | 0.86 | 0.78 | 0.63 | 0.92 | 0.89 | 0.80 | 0.65 | 0.95 | 0.91 | 0.83 | 0.67 | 0.98 | 0.95 | 0.86 | 0.69 | 0.99 | 0.96 | 0.86 | 0.70 | 5.92 |
| | | Delta T | 27 | 25 | 22 | 28 | 27 | 26 | 22 | 28 | 27 | 26 | 22 | 28 | 27 | 26 | 22 | 27 | 27 | 26 | 22 | 26 | 25 | 24 | 21 | 28 |
| | | KW | 4.09 | 4.24 | 4.39 | 4.35 | 4.45 | 4.62 | 4.79 | 4.66 | 4.77 | 4.95 | 5.13 | 4.93 | 5.06 | 5.24 | 5.44 | 5.17 | 5.30 | 5.49 | 5.70 | 5.37 | 5.50 | 5.71 | 5.92 | |
| | | AMPS | 18.3 | 18.9 | 19.6 | 19.3 | 19.8 | 20.5 | 21.2 | 21.0 | 21.5 | 22.3 | 23.1 | 22.5 | 23.0 | 23.8 | 24.7 | 23.9 | 24.5 | 25.4 | 26.4 | 25.4 | 26.0 | 26.9 | 27.9 | 89.8 |
| | | HI PR | 165 | 174 | 182 | 172 | 185 | 196 | 204 | 196 | 211 | 222 | 232 | 223 | 240 | 253 | 264 | 251 | 270 | 285 | 297 | 277 | 298 | 315 | 328 | 55 |
| | | LO PR | 62 | 67 | 72 | 61 | 65 | 71 | 76 | 64 | 68 | 74 | 79 | 67 | 71 | 78 | 832 | 70 | 75 | 82 | 87 | 73 | 77 | 84 | 90 | 1 |
| | 1650 | MBh | 60.4 | 63.2 | 67.4 | 57.8 | 59.0 | 61.7 | 65.9 | 56.5 | 57.6 | 60.3 | 64.3 | 55.1 | 56.1 | 58.8 | 62.7 | 52.3 | 53.3 | 55.9 | 59.6 | 48.5 | 49.4 | 51.7 | 55.2 | 20.8 |
| | | S/T | 0.80 | 0.73 | 0.59 | 0.86 | 0.83 | 0.75 | 0.61 | 0.89 | 0.85 | 0.77 | 0.63 | 0.91 | 0.88 | 0.80 | 0.65 | 0.95 | 0.92 | 0.83 | 0.67 | 0.96 | 0.92 | 0.83 | 0.68 | 5.83 |
| | | Delta T | 27 | 26 | 22 | 28 | 27 | 26 | 22 | 28 | 27 | 26 | 22 | 28 | 28 | 26 | 23 | 28 | 27 | 26 | 22 | 26 | 25 | 24 | 21 | 27 |
| | | KW | 4.03 | 4.17 | 4.33 | 4.28 | 4.38 | 4.54 | 4.71 | 4.59 | 4.70 | 4.87 | 5.05 | 4.86 | 4.98 | 5.16 | 5.35 | 5.09 | 5.21 | 5.40 | 5.61 | 5.28 | 5.42 | 5.62 | 5.83 | |
| | | AMPS | 18.0 | 18.6 | 19.3 | 19.0 | 19.5 | 20.1 | 20.9 | 20.7 | 21.2 | 21.9 | 22.7 | 22.1 | 22.7 | 23.4 | 24.3 | 23.6 | 24.2 | 25.0 | 25.9 | 25.0 | 25.6 | 26.5 | 27.5 | 88.3 |
| | | HI PR | 162 | 171 | 179 | 169 | 182 | 192 | 200 | 192 | 207 | 219 | 228 | 219 | 236 | 249 | 260 | 247 | 265 | 280 | 292 | 272 | 293 | 310 | 323 | 335 |
| | | LO PR | 61 | 66 | 71 | 60 | 64 | 70 | 75 | 63 | 67 | 73 | 78 | 66 | 70 | 76 | 81 | 69 | 73 | 80 | 85 | 71 | 76 | 83 | 88 | 91 |

*Entering Indoor Dry Bulb Temperature **Note:** Shaded area is ARI Rating conditions.


2100 Lake Park Boulevard
Richardson, TX 75080
1.800.982.2333
www.aireflo-hvac.com


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