

**SPLIT-SYSTEM HEAT PUMP**  
**UP TO 15.2 SEER2 & 7.8 HSPF2**  
**1 ½ TO 5 TONS**



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■ **Standard Features**

- High-efficiency Copeland® scroll compressor
- Advanced Copeland® CoreSense™ technology
- Copper tube/enhanced aluminum fin coil - 5mm diameter on 1.5-3.5T
- High density foam compressor sound blanket
- Time-delay technology to ensure quiet reliable defrost
- Factory-installed bi-flow liquid line filter drier
- Factory-installed suction line accumulator
- Factory-installed compressor crank case heater
- Factory-installed high capacity muffler
- High- and low-pressure switches
- Service valves with sweat connections and easy access to gauge ports
- Copper tube/enhanced aluminum fin coil
- Fully charged for 15' of tubing length
- AHRI Certified; ETL Listed

■ **Cabinet Features**

- Removable grille-style top design compliant with UL 60335-2-40
- Custom Nickel Gray powder-paint finish
- 500-hour salt-spray tested
- Wire fan discharge grille
- Steel louver coil guard
- Rust-resistant screws
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2020 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

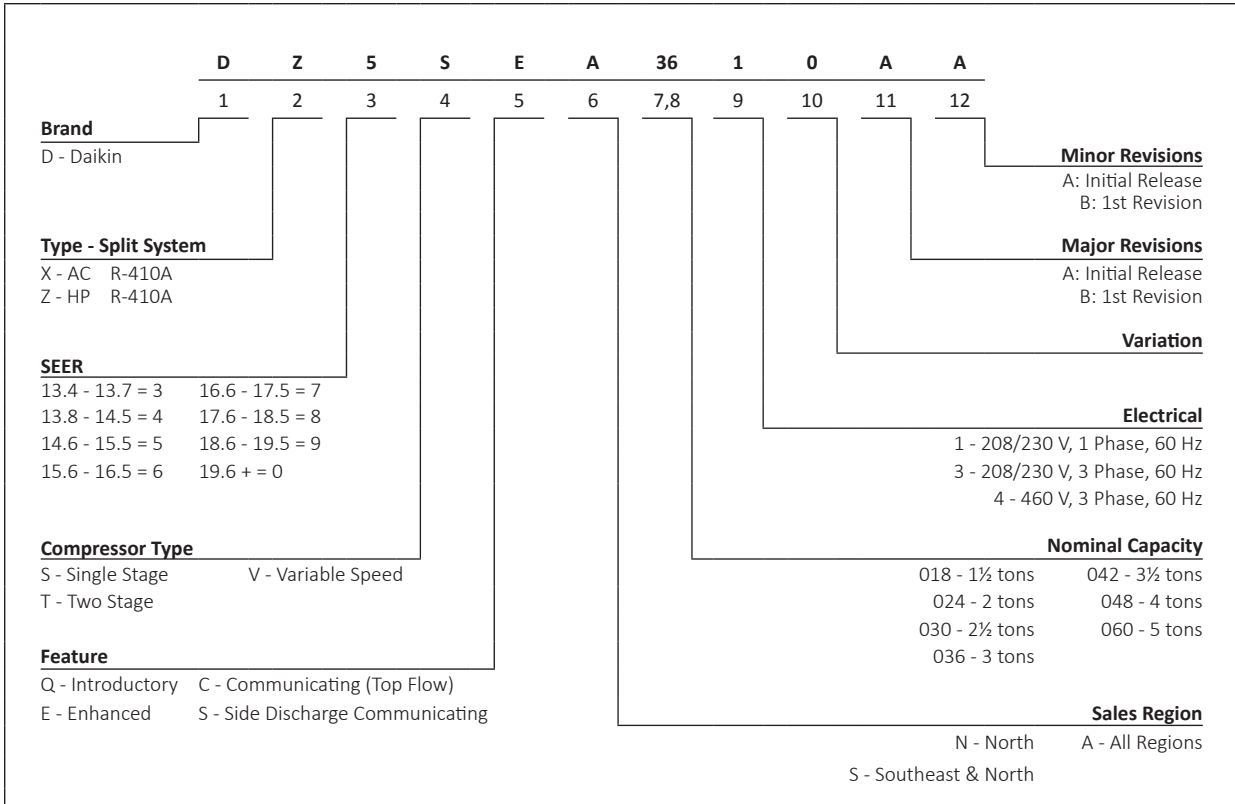









Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet **ENERGY STAR®** criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).



\* Complete warranty details available from your local dealer or at [www.daikincomfort.com](http://www.daikincomfort.com). To receive the 6-Year Unit Replacement Limited Warranty and 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Additional requirements for annual maintenance are required for the Unit Replacement Limited Warranty. Online registration and some of the additional requirements are not required in California or Quebec. The duration of warranty coverage in Texas and Florida differs in some cases.

**NOMENCLATURE**



|  | DZ5SEA<br>1810A*  | DZ5SEA<br>2410A*  | DZ5SEA<br>3010A*  | DZ5SEA<br>3610A*   | DZ5SEA<br>4210A*  | DZ5SEA<br>4810A*  | DZ5SEA<br>6010A*  |
|--|---|---|---|--|---|---|---|
| <b>NOMINAL CAPACITIES</b>                  |   |   |   |  |   |   |   |
| Cooling (BTU/h)                            | 18,000  | 24,000  | 30,000  | 36,000   | 42,000  | 48,000  | 60,000  |
| Heating (BTU/h)                            | 18,000  | 24,000  | 30,000  | 36,000   | 42,000  | 48,000  | 60,000  |
| Decibels                                   | 67  | 71  | 68  | 71   | 74  | 72  | 74  |
| <b>COMPRESSOR</b>                          |   |   |   |  |   |   |   |
| RLA  | 9.0   | 11.5  | 14.1  | 16.0   | 17.7  | 19.9  | 25.6  |
| LRA  | 42.6  | 59.5  | 67.9  | 91.9   | 110.2   | 110.0   | 151.0   |
| Stage                                      | Single  | Single  | Single  | Single   | Single  | Single  | Two   |
| Type                                       | Scroll  | Scroll  | Scroll  | Scroll   | Scroll  | Scroll  | Scroll  |
| <b>CONDENSER FAN MOTOR</b>                 |   |   |   |  |   |   |   |
| Motor Type                                 | PSC   | PSC   | PSC   | ECM  | PSC   | PSC   | PSC   |
| Horsepower                                 | 1/6   | 1/6   | 1/6   | 1/3  | 1/4   | 1/4   | 1/5   |
| FLA  | 0.95  | 0.97  | 0.97  | 2.8  | 1.3   | 1.3   | 1.0   |
| <b>REFRIGERATION SYSTEM</b>                |   |   |   |  |   |   |   |
| Refrigerant Line Size <sup>1</sup>         |   |   |   |  |   |   |   |
| Liquid Line Size ("O.D.)                   | 3/8"  | 3/8"  | 3/8"  | 3/8"   | 3/8"  | 3/8"  | 3/8"  |
| Suction Line Size ("O.D.)                  | 3/4"  | 3/4"  | 3/4"  | 7/8"   | 1 1/8"  | 1 1/8"  | 1 1/8"  |
| Refrigerant Connection Size                |   |   |   |  |   |   |   |
| Liquid Valve Size ("O.D.)                  | 3/8"  | 3/8"  | 3/8"  | 3/8"   | 3/8"  | 3/8"  | 3/8"  |
| Suction Valve Size ("O.D.) <sup>2, 3</sup> | 3/4"  | 3/4"  | 3/4"  | 7/8"   | 7/8"  | 7/8"  | 7/8"  |
| Valve Connection Type                      | Sweat   | Sweat   | Sweat   | Sweat  | Sweat   | Sweat   | Sweat   |
| Refrigerant Charge <sup>4</sup>            | 106   | 118   | 119   | 114  | 167   | 222   | 276   |
| <b>ELECTRICAL DATA</b>                     |   |   |   |  |   |   |   |
| Voltage (60 Hz)                            | 208/230   | 208/230   | 208/230   | 208/230  | 208/230   | 208/230   | 208/230   |
| Minimum Circuit Ampacity <sup>5</sup>      | 12.2  | 15.3  | 18.6  | 22.8   | 23.4  | 26.2  | 33.0  |
| Max. Overcurrent Protection <sup>6</sup>   | 20  | 25  | 30  | 35   | 40  | 45  | 50  |
| Min / Max Volts                            | 197/253   | 197/253   | 197/253   | 197/253  | 197/253   | 197/253   | 197/253   |
| Electrical Conduit Size                    | 1/2" or 3/4"  | 1/2" or 3/4"  | 1/2" or 3/4"  | 1/2" or 3/4"   | 1/2" or 3/4"  | 1/2" or 3/4"  | 1/2" or 3/4"  |
| <b>UNIT WEIGHTS</b>                        |   |   |   |  |   |   |   |
| Equipment Weight                           | 171   | 193   | 215   | 222  | 264   | 272   | 309   |
| Shipping Weight                            | 186   | 213   | 235   | 242  | 284   | 292   | 329   |
| <b>ENERGY STAR® CERTIFIED</b>              |   |   |   |  |   |   |   |
|  |  |  |  |  |  |  |  |

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

<sup>2</sup> Installer will need to supply 3/4" to 3/8" adapters for suction line connections.

<sup>3</sup> Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.

<sup>4</sup> Unit is factory charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per the Final Charge Adjustment procedure found in the Installation Instructions.

<sup>5</sup> Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes.

<sup>6</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

**NOTES**

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

**ENERGY STAR NOTES**

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

COOLING DATA — DZ5SEA1810A\* + AMST30BU1400A\*

| IDB   |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |       |      |      |  |  |  |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|-------|------|------|--|--|--|
|       |         | 65°F                        |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |      |      |      |      | 115°F |      |      |  |  |  |
|       |         | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   |      |      |       |      |      |  |  |  |
| 70    | AIRFLOW | MBh                         | 17.9 | 18.2 | 18.7 | -    | 17.8 | 18.0 | 18.6 | -    | 17.3 | 17.6 | 18.1 | -    | 16.5 | 16.7 | 17.3 | -    | 15.5 | 15.8 | 16.3 | -    | 14.6 | 14.9 | 15.4 | -     | 15.5 | 15.8 | 16.3 | -    | 14.6 | 14.9  | 15.4 | -    |  |  |  |
|       |         | S/T                         | 0.62 | 0.54 | 0.41 | -    | 0.63 | 0.55 | 0.41 | -    | 0.65 | 0.57 | 0.44 | -    | 1.00 | 0.59 | 0.46 | -    | 1.00 | 0.62 | 0.48 | -    | 1.00 | 0.67 | 0.53 | -     | 1.00 | 0.62 | 0.48 | -    | 1.00 | 0.67  | 0.53 | -    |  |  |  |
|       | ΔT      | 19                          | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 18   | 17   | 13   | -    | 19   | 18   | 14   | -    | 18    | 17   | 13   | -    | 19   | 18   | 14    | -    |      |  |  |  |
|       | kW      | 0.99                        | 0.99 | 0.98 | -    | 1.10 | 1.09 | 1.09 | -    | 1.22 | 1.22 | 1.21 | -    | 1.35 | 1.35 | 1.35 | -    | 1.50 | 1.50 | 1.49 | -    | 1.67 | 1.67 | 1.67 | -    | 1.50  | 1.50 | 1.49 | -    | 1.67 | 1.67 | 1.67  | -    |      |  |  |  |
|       | Amps    | 3.8                         | 3.8  | 3.8  | -    | 4.3  | 4.3  | 4.3  | -    | 4.8  | 4.8  | 4.8  | -    | 5.4  | 5.4  | 5.4  | -    | 6.1  | 6.1  | 6.1  | -    | 6.9  | 6.9  | 6.9  | -    | 6.1   | 6.1  | 6.1  | -    | 6.9  | 6.9  | 6.9   | -    |      |  |  |  |
|       | Hi PR   | 232                         | 233  | 234  | -    | 268  | 269  | 271  | -    | 306  | 307  | 309  | -    | 348  | 349  | 350  | -    | 392  | 393  | 395  | -    | 439  | 440  | 442  | -    | 392   | 393  | 395  | -    | 439  | 440  | 442   | -    |      |  |  |  |
|       | Lo PR   | 124                         | 125  | 128  | -    | 131  | 133  | 136  | -    | 138  | 139  | 142  | -    | 143  | 145  | 148  | -    | 149  | 150  | 153  | -    | 156  | 157  | 160  | -    | 149   | 150  | 153  | -    | 156  | 157  | 160   | -    |      |  |  |  |
|       | MBh     | 18.1                        | 18.4 | 18.9 | -    | 18.0 | 18.2 | 18.8 | -    | 17.5 | 17.8 | 18.3 | -    | 16.7 | 17.0 | 17.5 | -    | 15.7 | 16.0 | 16.5 | -    | 14.8 | 15.1 | 15.6 | -    | 15.7  | 16.0 | 16.5 | -    | 14.8 | 15.1 | 15.6  | -    |      |  |  |  |
|       | S/T     | 0.67                        | 0.60 | 0.46 | -    | 0.68 | 0.60 | 0.47 | -    | 0.71 | 0.63 | 0.49 | -    | 1.00 | 0.65 | 0.51 | -    | 1.00 | 0.67 | 0.53 | -    | 1.00 | 0.72 | 0.59 | -    | 1.00  | 0.67 | 0.53 | -    | 1.00 | 0.72 | 0.59  | -    |      |  |  |  |
|       | ΔT      | 18                          | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 17   | 16   | 12   | -    | 18   | 17   | 13   | -    | 17    | 16   | 12   | -    | 18   | 17   | 13    | -    |      |  |  |  |
| kW    | 0.99    | 0.99                        | 0.99 | -    | 1.10 | 1.10 | 1.10 | -    | 1.22 | 1.22 | 1.22 | -    | 1.36 | 1.36 | 1.36 | -    | 1.51 | 1.51 | 1.50 | -    | 1.68 | 1.68 | 1.67 | -    | 1.51 | 1.51  | 1.50 | -    | 1.68 | 1.68 | 1.68 | -     |      |      |  |  |  |
| Amps  | 3.8     | 3.8                         | 3.8  | -    | 4.3  | 4.3  | 4.3  | -    | 4.9  | 4.9  | 4.9  | -    | 5.5  | 5.5  | 5.5  | -    | 6.1  | 6.1  | 6.1  | -    | 6.9  | 6.9  | 6.9  | -    | 6.1  | 6.1   | 6.1  | -    | 6.9  | 6.9  | 6.9  | -     |      |      |  |  |  |
| Hi PR | 233     | 234                         | 236  | -    | 270  | 271  | 273  | -    | 308  | 309  | 311  | -    | 349  | 350  | 352  | -    | 394  | 395  | 396  | -    | 441  | 442  | 444  | -    | 394  | 395   | 396  | -    | 441  | 442  | 444  | -     |      |      |  |  |  |
| Lo PR | 125     | 127                         | 130  | -    | 133  | 134  | 137  | -    | 139  | 141  | 144  | -    | 145  | 146  | 150  | -    | 150  | 152  | 155  | -    | 157  | 159  | 162  | -    | 150  | 152   | 155  | -    | 157  | 159  | 162  | -     |      |      |  |  |  |
| MBh   | 18.3    | 18.6                        | 19.1 | -    | 18.2 | 18.4 | 19.0 | -    | 17.7 | 18.0 | 18.5 | -    | 16.9 | 17.2 | 17.7 | -    | 15.9 | 16.2 | 16.7 | -    | 15.0 | 15.3 | 15.8 | -    | 15.9 | 16.2  | 16.7 | -    | 15.0 | 15.3 | 15.8 | -     |      |      |  |  |  |
| S/T   | 0.70    | 0.62                        | 0.49 | -    | 0.71 | 0.63 | 0.49 | -    | 0.73 | 0.66 | 0.52 | -    | 1.00 | 0.67 | 0.54 | -    | 1.00 | 0.70 | 0.56 | -    | 1.00 | 0.75 | 0.61 | -    | 1.00 | 0.70  | 0.56 | -    | 1.00 | 0.75 | 0.61 | -     |      |      |  |  |  |
| ΔT    | 17      | 15                          | 12   | -    | 17   | 15   | 12   | -    | 17   | 16   | 12   | -    | 17   | 15   | 12   | -    | 17   | 15   | 12   | -    | 18   | 16   | 13   | -    | 17   | 15    | 12   | -    | 18   | 16   | 13   | -     |      |      |  |  |  |
| kW    | 0.99    | 0.99                        | 0.99 | -    | 1.10 | 1.10 | 1.10 | -    | 1.23 | 1.23 | 1.22 | -    | 1.36 | 1.36 | 1.36 | -    | 1.51 | 1.51 | 1.50 | -    | 1.68 | 1.68 | 1.68 | -    | 1.51 | 1.51  | 1.50 | -    | 1.68 | 1.68 | 1.68 | -     |      |      |  |  |  |
| Amps  | 3.8     | 3.8                         | 3.8  | -    | 4.3  | 4.3  | 4.3  | -    | 4.9  | 4.9  | 4.9  | -    | 5.5  | 5.5  | 5.5  | -    | 6.2  | 6.2  | 6.2  | -    | 7.0  | 7.0  | 6.9  | -    | 6.2  | 6.2   | 6.2  | -    | 7.0  | 7.0  | 6.9  | -     |      |      |  |  |  |
| Hi PR | 235     | 236                         | 237  | -    | 271  | 272  | 274  | -    | 310  | 311  | 312  | -    | 351  | 352  | 353  | -    | 395  | 396  | 398  | -    | 443  | 444  | 445  | -    | 395  | 396   | 398  | -    | 443  | 444  | 445  | -     |      |      |  |  |  |
| Lo PR | 127     | 128                         | 131  | -    | 134  | 136  | 139  | -    | 141  | 142  | 145  | -    | 146  | 148  | 151  | -    | 152  | 153  | 156  | -    | 159  | 160  | 163  | -    | 152  | 153   | 156  | -    | 159  | 160  | 163  | -     |      |      |  |  |  |
| 75    | AIRFLOW | MBh                         | 17.9 | 18.2 | 18.7 | 19.5 | 17.8 | 18.0 | 18.6 | 19.4 | 17.3 | 17.6 | 18.1 | 18.9 | 16.5 | 16.8 | 17.3 | 18.1 | 15.5 | 15.8 | 16.3 | 17.1 | 14.6 | 14.9 | 15.4 | 16.2  | 15.5 | 15.8 | 16.3 | 17.1 | 14.6 | 14.9  | 15.4 | 16.2 |  |  |  |
|       |         | S/T                         | 0.75 | 0.67 | 0.54 | 0.39 | 0.76 | 0.68 | 0.54 | 0.40 | 1.00 | 0.71 | 0.57 | 0.42 | 1.00 | 0.73 | 0.59 | 0.44 | 1.00 | 0.75 | 0.61 | 0.47 | 1.00 | 1.00 | 0.86 | 0.52  | 1.00 | 0.75 | 0.61 | 0.47 | 1.00 | 1.00  | 0.86 | 0.52 |  |  |  |
|       | ΔT      | 22                          | 21   | 17   | 14   | 22   | 21   | 17   | 14   | 23   | 21   | 18   | 14   | 22   | 21   | 17   | 14   | 22   | 20   | 17   | 14   | 23   | 21   | 18   | 15   | 22    | 20   | 17   | 14   | 23   | 21   | 18    | 15   |      |  |  |  |
|       | kW      | 0.99                        | 0.98 | 0.98 | 0.99 | 1.09 | 1.09 | 1.09 | 1.10 | 1.22 | 1.22 | 1.21 | 1.22 | 1.35 | 1.35 | 1.35 | 1.35 | 1.50 | 1.50 | 1.49 | 1.50 | 1.67 | 1.67 | 1.67 | 1.68 | 1.50  | 1.50 | 1.49 | 1.50 | 1.67 | 1.67 | 1.67  | 1.68 |      |  |  |  |
|       | Amps    | 3.8                         | 3.8  | 3.8  | 3.8  | 4.3  | 4.3  | 4.3  | 4.3  | 4.8  | 4.8  | 4.8  | 4.9  | 5.4  | 5.4  | 5.4  | 5.4  | 6.1  | 6.1  | 6.1  | 6.1  | 6.9  | 6.9  | 6.9  | 6.9  | 6.1   | 6.1  | 6.1  | 6.1  | 6.9  | 6.9  | 6.9   | 6.9  |      |  |  |  |
|       | Hi PR   | 232                         | 233  | 234  | 239  | 268  | 269  | 271  | 275  | 307  | 308  | 309  | 313  | 348  | 349  | 350  | 355  | 392  | 393  | 395  | 399  | 440  | 441  | 442  | 446  | 392   | 393  | 395  | 399  | 440  | 441  | 442   | 446  |      |  |  |  |
|       | Lo PR   | 124                         | 125  | 128  | 134  | 131  | 133  | 136  | 141  | 138  | 139  | 142  | 148  | 143  | 145  | 148  | 153  | 149  | 150  | 153  | 159  | 156  | 157  | 160  | 165  | 149   | 150  | 153  | 159  | 156  | 157  | 160   | 165  |      |  |  |  |
|       | MBh     | 18.2                        | 18.4 | 18.9 | 19.8 | 18.0 | 18.2 | 18.8 | 19.6 | 17.5 | 17.8 | 18.3 | 19.1 | 16.7 | 17.0 | 17.5 | 18.3 | 15.7 | 16.0 | 16.5 | 17.3 | 14.8 | 15.1 | 15.6 | 16.4 | 15.7  | 16.0 | 16.5 | 17.3 | 14.8 | 15.1 | 15.6  | 16.4 |      |  |  |  |
|       | S/T     | 0.80                        | 0.73 | 0.59 | 0.45 | 0.81 | 0.73 | 0.60 | 0.45 | 1.00 | 0.76 | 0.62 | 0.48 | 1.00 | 0.78 | 0.64 | 0.50 | 1.00 | 0.80 | 0.66 | 0.52 | 1.00 | 1.00 | 0.86 | 0.57 | 1.00  | 0.80 | 0.66 | 0.52 | 1.00 | 1.00 | 0.86  | 0.57 |      |  |  |  |
|       | ΔT      | 21                          | 20   | 17   | 13   | 21   | 20   | 16   | 13   | 22   | 20   | 17   | 13   | 21   | 20   | 16   | 13   | 21   | 19   | 16   | 13   | 22   | 21   | 17   | 14   | 21    | 19   | 16   | 13   | 22   | 21   | 17    | 14   |      |  |  |  |
| kW    | 0.99    | 0.99                        | 0.99 | 1.00 | 1.10 | 1.10 | 1.10 | 1.11 | 1.22 | 1.22 | 1.22 | 1.23 | 1.35 | 1.35 | 1.35 | 1.36 | 1.50 | 1.50 | 1.50 | 1.51 | 1.68 | 1.68 | 1.67 | 1.68 | 1.50 | 1.50  | 1.50 | 1.51 | 1.68 | 1.67 | 1.67 | 1.68  |      |      |  |  |  |
| Amps  | 3.8     | 3.8                         | 3.8  | 3.8  | 4.3  | 4.3  | 4.3  | 4.3  | 4.9  | 4.9  | 4.9  | 4.9  | 5.5  | 5.5  | 5.5  | 5.5  | 6.1  | 6.1  | 6.1  | 6.1  | 6.9  | 6.9  | 6.9  | 7.0  | 6.1  | 6.1   | 6.1  | 6.1  | 6.9  | 6.9  | 6.9  | 7.0   |      |      |  |  |  |
| Hi PR | 234     | 235                         | 236  | 240  | 270  | 271  | 273  | 277  | 308  | 309  | 311  | 315  | 350  | 351  | 352  | 356  | 394  | 395  | 397  | 401  | 441  | 442  | 444  | 448  | 394  | 395   | 397  | 401  | 441  | 442  | 444  | 448   |      |      |  |  |  |
| Lo PR | 125     | 127                         | 130  | 135  | 133  | 134  | 137  | 143  | 139  | 141  | 144  | 149  | 145  | 146  | 150  | 155  | 150  | 152  | 155  | 160  | 157  | 159  | 162  | 167  | 150  | 152   | 155  | 160  | 157  | 159  | 162  | 167   |      |      |  |  |  |
| MBh   | 18.3    | 18.6                        | 19.1 | 20.0 | 18.2 | 18.4 | 19.0 | 19.8 | 17.7 | 18.0 | 18.5 | 19.3 | 16.9 | 17.2 | 17.7 | 18.5 | 15.9 | 16.2 | 16.7 | 17.5 | 15.0 | 15.3 | 15.8 | 16.6 | 15.9 | 16.2  | 16.7 | 17.5 | 15.0 | 15.3 | 15.8 | 16.6  |      |      |  |  |  |
| S/T   | 0.83    | 0.75                        | 0.62 | 0.47 | 1.00 | 0.76 | 0.62 | 0.48 | 1.00 | 0.79 | 0.65 | 0.50 | 1.00 | 0.81 | 0.67 | 0.52 | 1.00 | 0.83 | 0.69 | 0.55 | 1.00 | 1.00 | 0.86 | 0.60 | 1.00 | 0.83  | 0.69 | 0.55 | 1.00 | 1.00 | 0.86 | 0.60  |      |      |  |  |  |
| ΔT    | 21      | 19                          | 16   | 13   | 21   | 19   | 16   | 12   | 21   | 19   | 16   | 13   | 21   | 19   | 16   | 12   | 21   | 19   | 16   | 12   | 22   | 20   | 17   | 13   | 21   | 19    | 16   | 12   | 22   | 20   | 17   | 13    |      |      |  |  |  |
| kW    | 0.99    | 0.99                        | 0.99 | 1.00 | 1.10 | 1.10 | 1.10 | 1.11 | 1.23 | 1.22 | 1.22 | 1.23 | 1.36 | 1.36 | 1.35 | 1.36 | 1.51 | 1.50 | 1.50 | 1.51 | 1.68 | 1.68 | 1.68 | 1.68 | 1.51 | 1.50  | 1.50 | 1.51 | 1.68 | 1.68 | 1.68 | 1.68  |      |      |  |  |  |
| Amps  | 3.8     | 3.8                         | 3.8  | 3.8  | 4.3  | 4.3  | 4.3  | 4.3  | 4.9  | 4.9  | 4.9  | 4.9  | 5.5  | 5.5  | 5.5  | 5.5  | 6.2  | 6.2  | 6.2  | 6.2  | 7.0  | 7.0  | 6.9  | 7.0  | 6.2  | 6.2   | 6.2  | 6.2  | 7.0  | 6.9  | 6.9  | 7.0   |      |      |  |  |  |
| Hi PR | 235     | 236                         | 238  | 242  | 272  | 273  | 274  | 278  | 310  | 311  | 312  | 316  | 351  | 352  | 354  | 358  | 395  | 396  | 398  | 402  | 443  | 444  | 445  | 449  | 395  | 396   | 398  | 402  | 443  | 444  | 445  | 449   |      |      |  |  |  |
| Lo PR | 127     | 128                         | 131  | 137  | 134  | 136  | 139  | 144  | 141  | 142  | 145  | 151  | 146  | 148  | 151  | 156  | 152  | 153  | 156  | 162  | 159  | 160  | 163  | 169  | 152  | 153   | 156  | 162  | 159  | 160  | 163  | 169   |      |      |  |  |  |

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

COOLING DATA — DZ5SEA1810A\* + AMST30BU1400A\* (CONT.)

| IDB   | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|
|       |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F |      |      |      | 105°F |      |      |      | 115°F |      |      |      |
|       |         | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |
| 80    | MBh     | 18.0                        | 18.3 | 18.8 | 19.6 | 17.9 | 18.1 | 18.7 | 19.5 | 17.4 | 17.7 | 18.2 | 19.0 | 16.6 | 16.9 | 17.4 | 18.2 | 15.6  | 15.9 | 16.4 | 17.2 | 14.7  | 15.0 | 15.5 | 16.3 |
|       | S/T     | 1.00                        | 0.80 | 0.66 | 0.52 | 1.00 | 0.81 | 0.67 | 0.53 | 1.00 | 0.83 | 0.70 | 0.55 | 1.00 | 1.00 | 0.71 | 0.57 | 1.00  | 1.00 | 0.74 | 0.59 | 1.00  | 1.00 | 0.79 | 0.64 |
|       | ΔT      | 26                          | 25   | 21   | 18   | 26   | 24   | 21   | 18   | 26   | 24   | 21   | 18   | 26   | 24   | 21   | 18   | 26    | 24   | 21   | 18   | 27    | 25   | 22   | 19   |
|       | kW      | 0.99                        | 0.99 | 0.98 | 0.99 | 1.10 | 1.09 | 1.09 | 1.10 | 1.22 | 1.22 | 1.21 | 1.22 | 1.35 | 1.35 | 1.35 | 1.36 | 1.50  | 1.50 | 1.49 | 1.50 | 1.67  | 1.67 | 1.67 | 1.68 |
|       | Amps    | 3.8                         | 3.8  | 3.8  | 3.8  | 4.3  | 4.3  | 4.3  | 4.3  | 4.8  | 4.8  | 4.8  | 4.9  | 5.4  | 5.4  | 5.4  | 5.5  | 6.1   | 6.1  | 6.1  | 6.2  | 6.9   | 6.9  | 6.9  | 6.9  |
|       | Hi PR   | 232                         | 233  | 235  | 239  | 269  | 270  | 271  | 275  | 307  | 308  | 310  | 314  | 348  | 349  | 351  | 355  | 393   | 394  | 395  | 399  | 440   | 441  | 443  | 447  |
|       | Lo PR   | 124                         | 126  | 129  | 134  | 132  | 133  | 136  | 142  | 138  | 140  | 143  | 148  | 144  | 145  | 148  | 154  | 149   | 151  | 154  | 159  | 156   | 158  | 161  | 166  |
|       | MBh     | 18.2                        | 18.5 | 19.0 | 19.8 | 18.1 | 18.3 | 18.9 | 19.7 | 17.6 | 17.9 | 18.4 | 19.2 | 16.8 | 17.1 | 17.6 | 18.4 | 15.8  | 16.1 | 16.6 | 17.4 | 14.9  | 15.2 | 15.7 | 16.5 |
|       | S/T     | 1.00                        | 0.85 | 0.72 | 0.57 | 1.00 | 0.86 | 0.72 | 0.58 | 1.00 | 0.89 | 0.75 | 0.60 | 1.00 | 1.00 | 0.77 | 0.62 | 1.00  | 1.00 | 0.79 | 0.65 | 1.00  | 1.00 | 0.84 | 0.70 |
|       | ΔT      | 25                          | 24   | 20   | 17   | 25   | 24   | 20   | 17   | 26   | 24   | 21   | 17   | 25   | 24   | 20   | 17   | 25    | 23   | 20   | 17   | 26    | 24   | 21   | 18   |
| kW    | 0.99    | 0.99                        | 0.99 | 1.00 | 1.10 | 1.10 | 1.10 | 1.11 | 1.22 | 1.22 | 1.22 | 1.23 | 1.35 | 1.35 | 1.35 | 1.36 | 1.50 | 1.50  | 1.50 | 1.51 | 1.68 | 1.67  | 1.67 | 1.68 |      |
| Amps  | 3.8     | 3.8                         | 3.8  | 3.8  | 4.3  | 4.3  | 4.3  | 4.3  | 4.9  | 4.9  | 4.9  | 4.9  | 5.5  | 5.5  | 5.5  | 5.5  | 6.1  | 6.1   | 6.1  | 6.2  | 6.9  | 6.9   | 6.9  | 7.0  |      |
| Hi PR | 234     | 235                         | 237  | 241  | 271  | 272  | 273  | 277  | 309  | 310  | 311  | 316  | 350  | 351  | 353  | 357  | 394  | 395   | 397  | 401  | 442  | 443   | 445  | 449  |      |
| Lo PR | 126     | 127                         | 130  | 136  | 133  | 135  | 138  | 143  | 140  | 141  | 145  | 150  | 145  | 147  | 150  | 155  | 151  | 152   | 156  | 161  | 158  | 159   | 162  | 168  |      |
| MBh   | 18.4    | 18.7                        | 19.2 | 20.0 | 18.3 | 18.5 | 19.1 | 19.9 | 17.8 | 18.1 | 18.6 | 19.4 | 17.0 | 17.3 | 17.8 | 18.6 | 16.0 | 16.3  | 16.8 | 17.6 | 15.1 | 15.4  | 15.9 | 16.7 |      |
| S/T   | 1.00    | 0.88                        | 0.74 | 0.60 | 1.00 | 0.89 | 0.75 | 0.61 | 1.00 | 0.91 | 0.78 | 0.63 | 1.00 | 1.00 | 0.80 | 0.65 | 1.00 | 1.00  | 0.82 | 0.67 | 1.00 | 1.00  | 0.87 | 0.72 |      |
| ΔT    | 25      | 23                          | 20   | 16   | 25   | 23   | 20   | 16   | 25   | 23   | 20   | 17   | 25   | 23   | 20   | 16   | 24   | 23    | 19   | 16   | 25   | 24    | 21   | 17   |      |
| kW    | 0.99    | 0.99                        | 0.99 | 1.00 | 1.10 | 1.10 | 1.10 | 1.11 | 1.23 | 1.23 | 1.22 | 1.23 | 1.36 | 1.36 | 1.36 | 1.36 | 1.51 | 1.50  | 1.50 | 1.51 | 1.68 | 1.68  | 1.68 | 1.68 |      |
| Amps  | 3.8     | 3.8                         | 3.8  | 3.8  | 4.3  | 4.3  | 4.3  | 4.3  | 4.9  | 4.9  | 4.9  | 4.9  | 5.5  | 5.5  | 5.5  | 5.5  | 6.2  | 6.2   | 6.2  | 6.2  | 7.0  | 7.0   | 6.9  | 7.0  |      |
| Hi PR | 235     | 236                         | 238  | 242  | 272  | 273  | 275  | 279  | 310  | 311  | 313  | 317  | 351  | 352  | 354  | 358  | 396  | 397   | 398  | 402  | 443  | 444   | 446  | 450  |      |
| Lo PR | 127     | 129                         | 132  | 137  | 135  | 136  | 139  | 145  | 141  | 143  | 146  | 151  | 147  | 148  | 152  | 157  | 152  | 154   | 157  | 162  | 159  | 161   | 164  | 169  |      |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85    | MBh   | 18.3 | 18.6 | 19.1 | 19.9 | 18.2 | 18.4 | 19.0 | 19.8 | 17.7 | 18.0 | 18.5 | 19.3 | 16.9 | 17.2 | 17.7 | 18.5 | 15.9 | 16.2 | 16.7 | 17.5 | 15.0 | 15.3 | 15.8 | 16.6 |
|       | S/T   | 1.00 | 0.90 | 0.77 | 0.6  | 1.00 | 0.91 | 0.77 | 0.6  | 1.00 | 1.00 | 0.80 | 0.7  | 1.00 | 1.00 | 0.82 | 0.7  | 1.00 | 1.00 | 0.84 | 0.7  | 1.00 | 1.00 | 1.00 | 0.7  |
|       | ΔT    | 30   | 28   | 25   | 21   | 30   | 28   | 25   | 21   | 30   | 28   | 25   | 22   | 30   | 28   | 25   | 21   | 29   | 28   | 24   | 21   | 30   | 29   | 25   | 22   |
|       | kW    | 0.99 | 0.99 | 0.99 | 1.0  | 1.10 | 1.10 | 1.09 | 1.1  | 1.22 | 1.22 | 1.22 | 1.2  | 1.35 | 1.35 | 1.35 | 1.4  | 1.50 | 1.50 | 1.50 | 1.5  | 1.67 | 1.67 | 1.67 | 1.7  |
|       | Amps  | 3.8  | 3.8  | 3.8  | 3.8  | 4.3  | 4.3  | 4.3  | 4.3  | 4.9  | 4.8  | 4.8  | 4.9  | 5.5  | 5.5  | 5.4  | 5.5  | 6.1  | 6.1  | 6.1  | 6.2  | 6.9  | 6.9  | 6.9  | 7.0  |
|       | Hi PR | 233  | 234  | 236  | 240  | 270  | 271  | 273  | 277  | 308  | 309  | 311  | 315  | 349  | 350  | 352  | 356  | 394  | 395  | 396  | 400  | 441  | 442  | 444  | 448  |
|       | Lo PR | 126  | 128  | 131  | 136  | 134  | 135  | 138  | 143  | 140  | 142  | 145  | 150  | 146  | 147  | 150  | 156  | 151  | 153  | 156  | 161  | 158  | 159  | 163  | 168  |
|       | MBh   | 18.5 | 18.8 | 19.3 | 20.2 | 18.4 | 18.6 | 19.2 | 20.0 | 17.9 | 18.2 | 18.7 | 19.5 | 17.1 | 17.4 | 17.9 | 18.7 | 16.1 | 16.4 | 16.9 | 17.7 | 15.2 | 15.5 | 16.0 | 16.8 |
|       | S/T   | 1.00 | 0.96 | 0.82 | 0.7  | 1.00 | 1.00 | 0.83 | 0.7  | 1.00 | 1.00 | 0.85 | 0.7  | 1.00 | 1.00 | 0.87 | 0.7  | 1.00 | 1.00 | 0.89 | 0.7  | 1.00 | 1.00 | 1.00 | 0.8  |
|       | ΔT    | 29   | 27   | 24   | 20   | 29   | 27   | 24   | 20   | 29   | 27   | 24   | 21   | 29   | 27   | 24   | 20   | 28   | 27   | 23   | 20   | 30   | 28   | 25   | 21   |
| kW    | 0.99  | 0.99 | 0.99 | 1.0  | 1.10 | 1.10 | 1.10 | 1.1  | 1.22 | 1.22 | 1.22 | 1.2  | 1.36 | 1.36 | 1.35 | 1.4  | 1.50 | 1.50 | 1.50 | 1.5  | 1.68 | 1.68 | 1.68 | 1.7  |      |
| Amps  | 3.8   | 3.8  | 3.8  | 3.8  | 4.3  | 4.3  | 4.3  | 4.3  | 4.9  | 4.9  | 4.9  | 4.9  | 5.5  | 5.5  | 5.5  | 5.5  | 6.2  | 6.2  | 6.1  | 6.2  | 7.0  | 6.9  | 6.9  | 7.0  |      |
| Hi PR | 235   | 236  | 238  | 242  | 272  | 273  | 274  | 278  | 310  | 311  | 313  | 317  | 351  | 352  | 354  | 358  | 396  | 397  | 398  | 402  | 443  | 444  | 446  | 450  |      |
| Lo PR | 128   | 129  | 132  | 138  | 135  | 137  | 140  | 145  | 142  | 143  | 146  | 152  | 147  | 149  | 152  | 157  | 153  | 154  | 157  | 163  | 160  | 161  | 164  | 170  |      |
| MBh   | 18.7  | 19.0 | 19.5 | 20.3 | 18.6 | 18.8 | 19.4 | 20.2 | 18.1 | 18.4 | 18.9 | 19.7 | 17.3 | 17.6 | 18.1 | 18.9 | 16.3 | 16.6 | 17.1 | 17.9 | 15.4 | 15.7 | 16.2 | 17.0 |      |
| S/T   | 1.00  | 0.98 | 0.85 | 0.7  | 1.00 | 1.00 | 0.85 | 0.7  | 1.00 | 1.00 | 0.88 | 0.7  | 1.00 | 1.00 | 0.90 | 0.8  | 1.00 | 1.00 | 1.00 | 0.8  | 1.00 | 1.00 | 1.00 | 0.8  |      |
| ΔT    | 28    | 26   | 23   | 20   | 28   | 26   | 23   | 20   | 28   | 27   | 23   | 20   | 28   | 26   | 23   | 20   | 28   | 26   | 23   | 19   | 29   | 27   | 24   | 21   |      |
| kW    | 1.00  | 1.00 | 0.99 | 1.0  | 1.11 | 1.11 | 1.10 | 1.1  | 1.23 | 1.23 | 1.23 | 1.2  | 1.36 | 1.36 | 1.36 | 1.4  | 1.51 | 1.51 | 1.51 | 1.5  | 1.68 | 1.68 | 1.68 | 1.7  |      |
| Amps  | 3.8   | 3.8  | 3.8  | 3.9  | 4.3  | 4.3  | 4.3  | 4.4  | 4.9  | 4.9  | 4.9  | 4.9  | 5.5  | 5.5  | 5.5  | 5.5  | 6.2  | 6.2  | 6.2  | 6.2  | 7.0  | 7.0  | 7.0  | 7.0  |      |
| Hi PR | 237   | 238  | 239  | 243  | 273  | 274  | 276  | 280  | 311  | 312  | 314  | 318  | 352  | 354  | 355  | 359  | 397  | 398  | 400  | 404  | 444  | 445  | 447  | 451  |      |
| Lo PR | 129   | 131  | 134  | 139  | 137  | 138  | 141  | 146  | 143  | 145  | 148  | 153  | 149  | 150  | 153  | 159  | 154  | 156  | 159  | 164  | 161  | 163  | 166  | 171  |      |

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

COOLING DATA — DZ5SEA2410A\* + AMST30BU1400A\*

| IDB   |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |       |      |   |  |  |  |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|-------|------|---|--|--|--|
|       |         | 65°F                        |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |      |      |      |      | 115°F |      |   |  |  |  |
|       |         | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59   | 63   | 67    | 71   |   |  |  |  |
| 70    | AIRFLOW | MBh                         | 23.6 | 23.9 | 24.6 | -    | 23.4 | 23.7 | 24.4 | -    | 22.8 | 23.1 | 23.8 | -    | 21.7 | 22.0 | 22.8 | -    | 20.4 | 20.8 | 21.5 | -    | 19.2 | 19.6 | 20.3 | -     | 19.2 | 19.6 | 20.3 | -    | 19.2 | 19.6  | 20.3 | - |  |  |  |
|       |         | S/T                         | 0.61 | 0.54 | 0.40 | -    | 0.62 | 0.54 | 0.40 | -    | 0.64 | 0.57 | 0.43 | -    | 0.66 | 0.59 | 0.45 | -    | 1.00 | 0.61 | 0.47 | -    | 1.00 | 0.66 | 0.52 | -     | 1.00 | 0.66 | 0.52 | -    | 1.00 | 0.66  | 0.52 | - |  |  |  |
|       | ΔT      | 20                          | 18   | 15   | -    | 20   | 18   | 15   | -    | 20   | 19   | 15   | -    | 20   | 18   | 15   | -    | 20   | 18   | 15   | -    | 21   | 19   | 16   | -    | 21    | 19   | 16   | -    | 21   | 19   | 16    | -    |   |  |  |  |
|       | kW      | 1.29                        | 1.29 | 1.29 | -    | 1.44 | 1.44 | 1.44 | -    | 1.60 | 1.60 | 1.60 | -    | 1.78 | 1.78 | 1.77 | -    | 1.97 | 1.97 | 1.97 | -    | 2.21 | 2.20 | 2.20 | -    | 2.21  | 2.20 | 2.20 | -    | 2.21 | 2.20 | 2.20  | -    |   |  |  |  |
|       | Amps    | 5.0                         | 5.0  | 5.0  | -    | 5.6  | 5.6  | 5.6  | -    | 6.4  | 6.4  | 6.4  | -    | 7.2  | 7.2  | 7.2  | -    | 8.1  | 8.1  | 8.1  | -    | 9.1  | 9.1  | 9.1  | -    | 9.1   | 9.1  | 9.1  | -    | 9.1  | 9.1  | 9.1   | -    |   |  |  |  |
|       | Hi PR   | 234                         | 235  | 237  | -    | 271  | 272  | 274  | -    | 310  | 311  | 313  | -    | 352  | 353  | 354  | -    | 397  | 398  | 399  | -    | 445  | 446  | 447  | -    | 445   | 446  | 447  | -    | 445  | 446  | 447   | -    |   |  |  |  |
|       | Lo PR   | 123                         | 125  | 128  | -    | 131  | 132  | 135  | -    | 137  | 139  | 142  | -    | 143  | 144  | 148  | -    | 148  | 150  | 153  | -    | 155  | 157  | 160  | -    | 155   | 157  | 160  | -    | 155  | 157  | 160   | -    |   |  |  |  |
|       | MBh     | 23.9                        | 24.2 | 25.0 | -    | 23.7 | 24.0 | 24.7 | -    | 23.1 | 23.4 | 24.1 | -    | 22.0 | 22.4 | 23.1 | -    | 20.7 | 21.1 | 21.8 | -    | 19.5 | 19.9 | 20.6 | -    | 19.5  | 19.9 | 20.6 | -    | 19.5 | 19.9 | 20.6  | -    |   |  |  |  |
|       | S/T     | 0.67                        | 0.60 | 0.46 | -    | 0.68 | 0.60 | 0.47 | -    | 0.70 | 0.63 | 0.49 | -    | 1.00 | 0.65 | 0.51 | -    | 1.00 | 0.67 | 0.53 | -    | 1.00 | 0.72 | 0.58 | -    | 1.00  | 0.72 | 0.58 | -    | 1.00 | 0.72 | 0.58  | -    |   |  |  |  |
|       | ΔT      | 19                          | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 13   | -    | 20   | 18   | 15   | -    | 20    | 18   | 15   | -    | 20   | 18   | 15    | -    |   |  |  |  |
| kW    | 1.30    | 1.30                        | 1.30 | -    | 1.45 | 1.45 | 1.44 | -    | 1.61 | 1.61 | 1.61 | -    | 1.79 | 1.78 | 1.78 | -    | 1.98 | 1.98 | 1.98 | -    | 2.21 | 2.21 | 2.21 | -    | 2.21 | 2.21  | 2.21 | -    | 2.21 | 2.21 | 2.21 | -     |      |   |  |  |  |
| Amps  | 5.0     | 5.0                         | 5.0  | -    | 5.7  | 5.7  | 5.7  | -    | 6.4  | 6.4  | 6.4  | -    | 7.2  | 7.2  | 7.2  | -    | 8.1  | 8.1  | 8.1  | -    | 9.2  | 9.2  | 9.2  | -    | 9.2  | 9.2   | 9.2  | -    | 9.2  | 9.2  | 9.2  | -     |      |   |  |  |  |
| Hi PR | 236     | 237                         | 239  | -    | 273  | 274  | 276  | -    | 312  | 313  | 315  | -    | 354  | 355  | 356  | -    | 399  | 400  | 401  | -    | 447  | 448  | 449  | -    | 447  | 448   | 449  | -    | 447  | 448  | 449  | -     |      |   |  |  |  |
| Lo PR | 125     | 127                         | 130  | -    | 133  | 134  | 137  | -    | 139  | 141  | 144  | -    | 145  | 146  | 149  | -    | 150  | 152  | 155  | -    | 157  | 158  | 162  | -    | 157  | 158   | 162  | -    | 157  | 158  | 162  | -     |      |   |  |  |  |
| MBh   | 24.3    | 24.6                        | 25.3 | -    | 24.1 | 24.4 | 25.1 | -    | 23.5 | 23.8 | 24.5 | -    | 22.4 | 22.7 | 23.4 | -    | 21.1 | 21.4 | 22.1 | -    | 19.9 | 20.3 | 21.0 | -    | 19.9 | 20.3  | 21.0 | -    | 19.9 | 20.3 | 21.0 | -     |      |   |  |  |  |
| S/T   | 0.71    | 0.63                        | 0.49 | -    | 0.71 | 0.64 | 0.50 | -    | 0.74 | 0.66 | 0.52 | -    | 1.00 | 0.68 | 0.54 | -    | 1.00 | 0.70 | 0.57 | -    | 1.00 | 0.76 | 0.62 | -    | 1.00 | 0.76  | 0.62 | -    | 1.00 | 0.76 | 0.62 | -     |      |   |  |  |  |
| ΔT    | 18      | 16                          | 13   | -    | 18   | 16   | 13   | -    | 18   | 17   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 12   | -    | 19   | 17   | 14   | -    | 19   | 17    | 14   | -    | 19   | 17   | 14   | -     |      |   |  |  |  |
| kW    | 1.31    | 1.31                        | 1.30 | -    | 1.45 | 1.45 | 1.45 | -    | 1.62 | 1.61 | 1.61 | -    | 1.79 | 1.79 | 1.79 | -    | 1.99 | 1.99 | 1.98 | -    | 2.22 | 2.22 | 2.22 | -    | 2.22 | 2.22  | 2.22 | -    | 2.22 | 2.22 | 2.22 | -     |      |   |  |  |  |
| Amps  | 5.0     | 5.0                         | 5.0  | -    | 5.7  | 5.7  | 5.7  | -    | 6.5  | 6.4  | 6.4  | -    | 7.3  | 7.3  | 7.2  | -    | 8.2  | 8.2  | 8.1  | -    | 9.2  | 9.2  | 9.2  | -    | 9.2  | 9.2   | 9.2  | -    | 9.2  | 9.2  | 9.2  | -     |      |   |  |  |  |
| Hi PR | 238     | 239                         | 241  | -    | 275  | 276  | 278  | -    | 314  | 315  | 317  | -    | 356  | 357  | 358  | -    | 401  | 402  | 403  | -    | 449  | 450  | 451  | -    | 449  | 450   | 451  | -    | 449  | 450  | 451  | -     |      |   |  |  |  |
| Lo PR | 127     | 129                         | 132  | -    | 135  | 136  | 139  | -    | 141  | 143  | 146  | -    | 147  | 148  | 151  | -    | 152  | 154  | 157  | -    | 159  | 160  | 164  | -    | 159  | 160   | 164  | -    | 159  | 160  | 164  | -     |      |   |  |  |  |

| IDB   |         | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |       |      |      |  |  |  |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|-------|------|------|--|--|--|
|       |         | 65°F                        |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |      |      |      |      | 115°F |      |      |  |  |  |
|       |         | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59   | 63   | 67    | 71   |      |  |  |  |
| 70    | AIRFLOW | MBh                         | 23.6 | 24.0 | 24.7 | 25.7 | 23.4 | 23.7 | 24.4 | 25.5 | 22.8 | 23.1 | 23.8 | 24.9 | 21.7 | 22.1 | 22.8 | 23.8 | 20.4 | 20.8 | 21.5 | 22.5 | 19.2 | 19.6 | 20.3 | 21.4  | 19.2 | 19.6 | 20.3 | 21.4 | 19.2 | 19.6  | 20.3 | 21.4 |  |  |  |
|       |         | S/T                         | 0.74 | 0.67 | 0.53 | 0.38 | 0.75 | 0.67 | 0.53 | 0.39 | 1.00 | 0.70 | 0.56 | 0.42 | 1.00 | 0.72 | 0.58 | 0.44 | 1.00 | 0.74 | 0.60 | 0.46 | 1.00 | 1.00 | 0.65 | 0.51  | 1.00 | 1.00 | 0.65 | 0.51 | 1.00 | 1.00  | 0.65 | 0.51 |  |  |  |
|       | ΔT      | 24                          | 23   | 19   | 15   | 24   | 22   | 19   | 15   | 25   | 23   | 19   | 16   | 24   | 22   | 19   | 15   | 24   | 22   | 19   | 15   | 25   | 23   | 20   | 16   | 25    | 23   | 20   | 16   | 25   | 23   | 20    | 16   |      |  |  |  |
|       | kW      | 1.29                        | 1.29 | 1.29 | 1.30 | 1.44 | 1.44 | 1.44 | 1.45 | 1.60 | 1.60 | 1.60 | 1.61 | 1.78 | 1.78 | 1.77 | 1.78 | 1.97 | 1.97 | 1.97 | 1.98 | 2.20 | 2.20 | 2.20 | 2.21 | 2.20  | 2.20 | 2.20 | 2.21 | 2.20 | 2.20 | 2.20  | 2.21 |      |  |  |  |
|       | Amps    | 5.0                         | 5.0  | 5.0  | 5.0  | 5.6  | 5.6  | 5.6  | 5.7  | 6.4  | 6.4  | 6.4  | 6.4  | 7.2  | 7.2  | 7.2  | 7.2  | 8.1  | 8.1  | 8.1  | 8.1  | 9.1  | 9.1  | 9.1  | 9.2  | 9.1   | 9.1  | 9.1  | 9.2  | 9.1  | 9.1  | 9.1   | 9.2  |      |  |  |  |
|       | Hi PR   | 235                         | 236  | 237  | 241  | 271  | 273  | 274  | 278  | 310  | 311  | 313  | 317  | 352  | 353  | 355  | 359  | 397  | 398  | 400  | 404  | 445  | 446  | 448  | 452  | 445   | 446  | 448  | 452  | 445  | 446  | 448   | 452  |      |  |  |  |
|       | Lo PR   | 123                         | 125  | 128  | 133  | 131  | 132  | 135  | 141  | 137  | 139  | 142  | 147  | 143  | 144  | 148  | 153  | 148  | 150  | 153  | 158  | 155  | 157  | 160  | 165  | 155   | 157  | 160  | 165  | 155  | 157  | 160   | 165  |      |  |  |  |
|       | MBh     | 23.9                        | 24.3 | 25.0 | 26.0 | 23.7 | 24.0 | 24.8 | 25.8 | 23.1 | 23.4 | 24.1 | 25.2 | 22.0 | 22.4 | 23.1 | 24.2 | 20.7 | 21.1 | 21.8 | 22.9 | 19.6 | 19.9 | 20.6 | 21.7 | 19.6  | 19.9 | 20.6 | 21.7 | 19.6 | 19.9 | 20.6  | 21.7 |      |  |  |  |
|       | S/T     | 0.80                        | 0.73 | 0.59 | 0.44 | 0.81 | 0.73 | 0.60 | 0.45 | 1.00 | 0.76 | 0.62 | 0.48 | 1.00 | 0.78 | 0.64 | 0.50 | 1.00 | 0.80 | 0.66 | 0.52 | 1.00 | 1.00 | 0.71 | 0.57 | 1.00  | 1.00 | 0.71 | 0.57 | 1.00 | 1.00 | 0.71  | 0.57 |      |  |  |  |
|       | ΔT      | 23                          | 21   | 18   | 14   | 23   | 21   | 18   | 14   | 23   | 22   | 18   | 14   | 23   | 21   | 18   | 14   | 23   | 21   | 18   | 14   | 24   | 22   | 19   | 15   | 24    | 22   | 19   | 15   | 24   | 22   | 19    | 15   |      |  |  |  |
| kW    | 1.30    | 1.30                        | 1.30 | 1.31 | 1.45 | 1.45 | 1.44 | 1.45 | 1.61 | 1.61 | 1.61 | 1.62 | 1.78 | 1.78 | 1.78 | 1.79 | 1.98 | 1.98 | 1.98 | 1.99 | 2.21 | 2.21 | 2.21 | 2.22 | 2.21 | 2.21  | 2.21 | 2.22 | 2.21 | 2.21 | 2.21 | 2.22  |      |      |  |  |  |
| Amps  | 5.0     | 5.0                         | 5.0  | 5.0  | 5.7  | 5.7  | 5.7  | 5.7  | 6.4  | 6.4  | 6.4  | 6.5  | 7.2  | 7.2  | 7.2  | 7.3  | 8.1  | 8.1  | 8.1  | 8.2  | 9.2  | 9.2  | 9.2  | 9.2  | 9.2  | 9.2   | 9.2  | 9.2  | 9.2  | 9.2  | 9.2  | 9.2   |      |      |  |  |  |
| Hi PR | 237     | 238                         | 239  | 243  | 273  | 274  | 276  | 280  | 312  | 313  | 315  | 319  | 354  | 355  | 357  | 361  | 399  | 400  | 402  | 406  | 447  | 448  | 450  | 454  | 447  | 448   | 450  | 454  | 447  | 448  | 450  | 454   |      |      |  |  |  |
| Lo PR | 125     | 127                         | 130  | 135  | 133  | 134  | 137  | 143  | 139  | 141  | 144  | 149  | 145  | 146  | 149  | 155  | 150  | 152  | 155  | 160  | 157  | 159  | 162  | 167  | 157  | 159   | 162  | 167  | 157  | 159  | 162  | 167   |      |      |  |  |  |
| MBh   | 24.3    | 24.6                        | 25.3 | 26.4 | 24.1 | 24.4 | 25.1 | 26.2 | 23.5 | 23.8 | 24.5 | 25.6 | 22.4 | 22.7 | 23.4 | 24.5 | 21.1 | 21.4 | 22.2 | 23.2 | 19.9 | 20.3 | 21.0 | 22.0 | 19.9 | 20.3  | 21.0 | 22.0 | 19.9 | 20.3 | 21.0 | 22.0  |      |      |  |  |  |
| S/T   | 0.84    | 0.76                        | 0.62 | 0.48 | 1.00 | 0.77 | 0.63 | 0.49 | 1.00 | 0.79 | 0.66 | 0.51 | 1.00 | 0.81 | 0.67 | 0.53 | 1.00 | 0.83 | 0.70 | 0.55 | 1.00 | 1.00 | 0.75 | 0.60 | 1.00 | 1.00  | 0.75 | 0.60 | 1.00 | 1.00 | 0.75 | 0.60  |      |      |  |  |  |
| ΔT    | 22      | 20                          | 17   | 13   | 22   | 20   | 17   | 13   | 23   | 21   | 17   | 14   | 22   | 20   | 17   | 13   | 22   | 20   | 17   | 13   | 23   | 21   | 18   | 14   | 23   | 21    | 18   | 14   | 23   | 21   | 18   | 14    |      |      |  |  |  |
| kW    | 1.31    | 1.31                        | 1.30 | 1.31 | 1.45 | 1.45 | 1.45 | 1.46 | 1.62 | 1.61 | 1.61 | 1.62 | 1.79 | 1.79 | 1.79 | 1.80 | 1.99 | 1.99 | 1.98 | 2.00 | 2.22 | 2.22 | 2.22 | 2.23 | 2.22 | 2.22  | 2.22 | 2.23 | 2.22 | 2.22 | 2.22 | 2.23  |      |      |  |  |  |
| Amps  | 5.0     | 5.0                         | 5.0  | 5.1  | 5.7  | 5.7  | 5.7  | 5.7  | 6.4  | 6.4  | 6.4  | 6.5  | 7.3  | 7.2  | 7.2  | 7.3  | 8.2  | 8.1  | 8.1  | 8.2  | 9.2  | 9.2  | 9.2  | 9.2  | 9.2  | 9.2   | 9.2  | 9.2  | 9.2  | 9.2  | 9.2  | 9.2   |      |      |  |  |  |
| Hi PR | 238     | 239                         | 241  | 245  | 275  | 276  | 278  | 282  | 314  | 315  | 317  | 321  | 356  | 357  | 359  | 363  | 401  | 402  | 403  | 408  | 449  | 450  | 451  | 456  | 449  | 450   | 451  | 456  | 449  | 450  | 451  | 456   |      |      |  |  |  |
| Lo PR | 127     | 129                         | 132  | 137  | 135  | 136  | 139  | 145  | 141  | 143  | 146  | 151  | 147  | 148  | 151  | 157  | 152  | 154  | 157  | 162  | 159  | 161  | 164  | 169  | 159  | 1     |      |      |      |      |      |       |      |      |  |  |  |

COOLING DATA — DZ5SEA2410A\* + AMST30BU1400A\* (CONT.)

| IDB |  | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | 115°F |      |      |      |      |      |      |      |      |      |      |      |       |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|--|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |  | 65°F                        |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F  |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|     |  | 59                          | 63   | 67   | 71   | 75   | 79   | 59   | 63   | 67   | 71   | 75   | 79   | 59    | 63   | 67   | 71   | 75   | 79   | 59   | 63   | 67   | 71   | 75   | 79   | 59    | 63  | 67   | 71   | 75   | 79   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 700 |  | MBh                         | 23.7 | 24.1 | 24.8 | 25.9 | 23.5 | 23.9 | 24.6 | 25.6 | 22.9 | 23.2 | 24.0 | 25.0  | 21.9 | 22.2 | 22.9 | 24.0 | 20.6 | 20.9 | 21.6 | 22.7 | 19.4 | 19.7 | 20.4 | 21.5  | S/T | 1.00 | 0.79 | 0.66 | 0.51 | 1.00 | 0.80 | 0.66 | 0.52 | 1.00 | 0.82 | 0.69 | 0.54 | 1.00 | 0.84 | 0.71 | 0.56 | 1.00 | 1.00 | 1.00 | 0.73 | 0.58 | 1.00 | 1.00 | 0.78 | 0.64 | ΔT | 29 | 27 | 23 | 20 | 28 | 27 | 23 | 19 | 29 | 27 | 23 | 20 | 28 | 27 | 23 | 19 | 28 | 26 | 26 | 23 | 19 | 29 | 28 | 24 | 20 | kW   | 1.29 | 1.29 | 1.29 | 1.30 | 1.44 | 1.44 | 1.44 | 1.45 | 1.60 | 1.60 | 1.60 | 1.61 | 1.78 | 1.78 | 1.77 | 1.79 | 1.97 | 1.97 | 1.97 | 1.97 | 1.98 | 2.20 | 2.20 | 2.20 | 2.21 | Amps | 5.0 | 5.0 | 5.0 | 5.0 | 5.6 | 5.6 | 5.6 | 5.7 | 6.4 | 6.4 | 6.4 | 6.4 | 7.2 | 7.2 | 7.2 | 7.2 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 9.1 | 9.1 | 9.1 | 9.2   | Hi PR | 235 | 236 | 238 | 242 | 272 | 273 | 275 | 279 | 311 | 312 | 313 | 317 | 352 | 353 | 355 | 359 | 397 | 398 | 400 | 400 | 404 | 445 | 446 | 448 | 452   | Lo PR | 124 | 125 | 128 | 134 | 131 | 133 | 136 | 141 | 138 | 139 | 143 | 148 | 143 | 145 | 148 | 153 | 149 | 150 | 154 | 154 | 159 | 156 | 157 | 160 | 166 |
| 800 |  | MBh                         | 24.0 | 24.4 | 25.1 | 26.2 | 23.8 | 24.2 | 24.9 | 26.0 | 23.2 | 23.6 | 24.3 | 25.3  | 22.2 | 22.5 | 23.2 | 24.3 | 20.9 | 21.2 | 21.9 | 23.0 | 19.7 | 20.0 | 20.7 | 21.8  | S/T | 1.00 | 0.85 | 0.72 | 0.57 | 1.00 | 0.86 | 0.72 | 0.58 | 1.00 | 0.88 | 0.75 | 0.60 | 1.00 | 1.00 | 1.00 | 0.77 | 1.00 | 1.00 | 1.00 | 0.79 | 0.65 | 1.00 | 1.00 | 0.84 | 0.70 | ΔT | 27 | 26 | 22 | 18 | 27 | 25 | 22 | 18 | 28 | 26 | 22 | 19 | 27 | 25 | 22 | 18 | 27 | 25 | 22 | 18 | 28 | 26 | 23 | 19 | kW | 1.30 | 1.30 | 1.30 | 1.31 | 1.45 | 1.45 | 1.44 | 1.45 | 1.61 | 1.61 | 1.61 | 1.62 | 1.79 | 1.78 | 1.78 | 1.79 | 1.98 | 1.98 | 1.98 | 1.98 | 1.99 | 2.21 | 2.21 | 2.21 | 2.22 | Amps | 5.0  | 5.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.7 | 5.7 | 6.4 | 6.4 | 6.4 | 6.5 | 7.2 | 7.2 | 7.2 | 7.3 | 8.1 | 8.1 | 8.1 | 8.1 | 8.2 | 9.2 | 9.2 | 9.2 | 9.2 | Hi PR | 237   | 238 | 240 | 244 | 274 | 275 | 277 | 281 | 313 | 314 | 315 | 319 | 354 | 355 | 357 | 361 | 399 | 400 | 402 | 402 | 406 | 447 | 448 | 450 | 454 | Lo PR | 126   | 127 | 130 | 136 | 133 | 135 | 138 | 143 | 140 | 141 | 144 | 150 | 145 | 147 | 150 | 155 | 151 | 152 | 155 | 155 | 161 | 158 | 159 | 162 | 167 |     |
| 900 |  | MBh                         | 24.4 | 24.8 | 25.5 | 26.5 | 24.2 | 24.5 | 25.2 | 26.3 | 23.6 | 23.9 | 24.6 | 25.7  | 22.5 | 22.9 | 23.6 | 24.6 | 21.2 | 21.6 | 22.3 | 23.4 | 20.1 | 20.4 | 21.1 | 22.2  | S/T | 1.00 | 0.89 | 0.75 | 0.61 | 1.00 | 0.89 | 0.76 | 0.61 | 1.00 | 0.92 | 0.78 | 0.64 | 1.00 | 1.00 | 1.00 | 0.80 | 1.00 | 1.00 | 1.00 | 0.82 | 0.68 | 1.00 | 1.00 | 0.88 | 0.73 | ΔT | 26 | 25 | 21 | 17 | 26 | 25 | 21 | 17 | 27 | 25 | 21 | 18 | 26 | 25 | 21 | 17 | 26 | 24 | 21 | 17 | 27 | 25 | 22 | 18 | kW | 1.31 | 1.31 | 1.30 | 1.32 | 1.45 | 1.45 | 1.45 | 1.46 | 1.62 | 1.61 | 1.61 | 1.62 | 1.79 | 1.79 | 1.79 | 1.80 | 1.99 | 1.99 | 1.99 | 1.98 | 2.00 | 2.22 | 2.22 | 2.22 | 2.23 | Amps | 5.0  | 5.0 | 5.0 | 5.1 | 5.7 | 5.7 | 5.7 | 5.7 | 6.5 | 6.4 | 6.4 | 6.5 | 7.3 | 7.3 | 7.2 | 7.3 | 8.2 | 8.2 | 8.2 | 8.1 | 8.2 | 9.2 | 9.2 | 9.2 | 9.2 | Hi PR | 239   | 240 | 242 | 246 | 276 | 277 | 279 | 283 | 315 | 316 | 317 | 321 | 356 | 357 | 359 | 363 | 401 | 402 | 404 | 404 | 408 | 449 | 450 | 452 | 456 | Lo PR | 128   | 129 | 132 | 138 | 135 | 137 | 140 | 145 | 142 | 143 | 146 | 152 | 147 | 149 | 152 | 157 | 153 | 154 | 154 | 157 | 163 | 160 | 161 | 164 | 169 |     |

| IDB |  | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | 115°F |      |      |      |      |      |      |      |      |      |      |      |       |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |      |     |      |      |      |     |      |      |      |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |      |     |      |      |      |     |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|--|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|-----|------|------|------|-----|------|------|------|-----|------|------|------|-----|------|------|------|------|-----|------|------|------|-----|------|------|------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|------|-----|------|------|------|-----|------|------|------|-----|------|------|------|-----|------|------|------|------|-----|------|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |  | 65°F                        |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F  |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |      |     |      |      |      |     |      |      |      |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |      |     |      |      |      |     |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|     |  | 59                          | 63   | 67   | 71   | 75   | 79   | 59   | 63   | 67   | 71   | 75   | 79   | 59    | 63   | 67   | 71   | 75   | 79   | 59   | 63   | 67   | 71   | 75   | 79   | 59    | 63  | 67   | 71   | 75   | 79  |      |      |      |     |      |      |      |     |      |      |      |      |     |      |      |      |     |      |      |      |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |     |      |      |      |      |     |      |      |      |     |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 700 |  | MBh                         | 24.1 | 24.5 | 25.2 | 26.3 | 23.9 | 24.3 | 25.0 | 26.0 | 23.3 | 23.6 | 24.3 | 25.4  | 22.2 | 22.6 | 23.3 | 24.4 | 21.0 | 21.3 | 22.0 | 23.1 | 19.8 | 20.1 | 20.8 | 21.9  | S/T | 1.00 | 0.89 | 0.76 | 0.6 | 1.00 | 0.90 | 0.76 | 0.6 | 1.00 | 1.00 | 0.85 | 0.7 | 1.00 | 1.00 | 1.00 | 0.81 | 0.7 | 1.00 | 1.00 | 0.83 | 0.7 | 1.00 | 1.00 | 1.00 | 0.7 | ΔT | 32 | 30 | 27 | 23 | 32 | 30 | 27 | 23 | 32 | 31 | 27 | 23 | 32 | 30 | 27 | 23 | 32 | 30 | 27 | 23 | 33 | 31 | 28 | 24 | kW | 1.30 | 1.30 | 1.29 | 1.3 | 1.44 | 1.44 | 1.44 | 1.4 | 1.60 | 1.60 | 1.60 | 1.6 | 1.78 | 1.78 | 1.78 | 1.8 | 1.98 | 1.98 | 1.97 | 1.97 | 2.0 | 2.21 | 2.21 | 2.20 | 2.2 | Amps | 5.0 | 5.0 | 5.0 | 5.0 | 5.7 | 5.7 | 5.6 | 5.7 | 6.4 | 6.4 | 6.4 | 6.4 | 7.2 | 7.2 | 7.2 | 7.2 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 9.2 | 9.2 | 9.1 | 9.2 | Hi PR | 236 | 237 | 239 | 243 | 273 | 274 | 276 | 280 | 312 | 313 | 314 | 319 | 353 | 354 | 356 | 360 | 398 | 399 | 401 | 405 | 405 | 446 | 447 | 449 | 453 | Lo PR | 126 | 127 | 130 | 136 | 133 | 135 | 138 | 143 | 140 | 141 | 144 | 150 | 145 | 147 | 150 | 155 | 151 | 152 | 155 | 155 | 161 | 158 | 159 | 162 | 167 |
| 800 |  | MBh                         | 24.4 | 24.8 | 25.5 | 26.6 | 24.2 | 24.6 | 25.3 | 26.4 | 23.6 | 24.0 | 24.7 | 25.7  | 22.6 | 22.9 | 23.6 | 24.7 | 21.3 | 21.6 | 22.3 | 23.4 | 20.1 | 20.4 | 21.1 | 22.2  | S/T | 1.00 | 0.96 | 0.82 | 0.7 | 1.00 | 1.00 | 0.82 | 0.7 | 1.00 | 1.00 | 0.85 | 0.7 | 1.00 | 1.00 | 1.00 | 0.87 | 0.7 | 1.00 | 1.00 | 0.89 | 0.7 | 1.00 | 1.00 | 1.00 | 0.8 | ΔT | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 26 | 22 | 31 | 29 | 25 | 22 | 32 | 30 | 27 | 23 | kW | 1.30 | 1.30 | 1.30 | 1.3 | 1.45 | 1.45 | 1.45 | 1.5 | 1.61 | 1.61 | 1.61 | 1.6 | 1.79 | 1.79 | 1.78 | 1.8 | 1.98 | 1.98 | 1.98 | 1.98 | 2.0 | 2.22 | 2.21 | 2.21 | 2.2 | Amps | 5.0 | 5.0 | 5.0 | 5.1 | 5.7 | 5.7 | 5.7 | 5.7 | 6.4 | 6.4 | 6.4 | 6.5 | 7.2 | 7.2 | 7.2 | 7.3 | 8.1 | 8.1 | 8.1 | 8.1 | 8.2 | 9.2 | 9.2 | 9.2 | 9.2 | Hi PR | 238 | 239 | 241 | 245 | 275 | 276 | 278 | 282 | 314 | 315 | 316 | 320 | 355 | 356 | 358 | 362 | 400 | 401 | 403 | 403 | 407 | 448 | 449 | 451 | 455 | Lo PR | 127 | 129 | 132 | 137 | 135 | 137 | 140 | 145 | 142 | 143 | 146 | 151 | 147 | 149 | 152 | 157 | 153 | 154 | 157 | 157 | 162 | 159 | 161 | 164 | 169 |
| 900 |  | MBh                         | 24.8 | 25.2 | 25.9 | 26.9 | 24.6 | 24.9 | 25.6 | 26.7 | 24.0 | 24.3 | 25.0 | 26.1  | 22.9 | 23.3 | 24.0 | 25.0 | 21.6 | 22.0 | 22.7 | 23.8 | 20.5 | 20.8 | 21.5 | 22.6  | S/T | 1.00 | 0.99 | 0.85 | 0.7 | 1.00 | 1.00 | 0.86 | 0.7 | 1.00 | 1.00 | 0.88 | 0.7 | 1.00 | 1.00 | 1.00 | 0.90 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 | 1.00 | 1.00 | 1.00 | 0.8 | ΔT | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 25 | 21 | 30 | 28 | 24 | 21 | 31 | 29 | 26 | 22 | kW | 1.31 | 1.31 | 1.31 | 1.3 | 1.46 | 1.46 | 1.45 | 1.5 | 1.62 | 1.62 | 1.62 | 1.6 | 1.79 | 1.79 | 1.79 | 1.8 | 1.99 | 1.99 | 1.99 | 1.99 | 2.0 | 2.22 | 2.22 | 2.22 | 2.2 | Amps | 5.1 | 5.1 | 5.0 | 5.1 | 5.7 | 5.7 | 5.7 | 5.8 | 6.5 | 6.5 | 6.4 | 6.5 | 7.3 | 7.3 | 7.3 | 7.3 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 9.2 | 9.2 | 9.2 | 9.3 | Hi PR | 240 | 241 | 243 | 247 | 277 | 278 | 280 | 284 | 316 | 317 | 318 | 322 | 357 | 358 | 360 | 364 | 402 | 403 | 405 | 405 | 409 | 450 | 451 | 453 | 457 | Lo PR | 129 | 131 | 134 | 139 | 137 | 139 | 142 | 147 | 144 | 145 | 148 | 153 | 149 | 151 | 154 | 159 | 155 | 156 | 159 | 159 | 164 | 161 | 163 | 166 | 171 |

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

COOLING DATA — DZ5SEA3010A\* + AMST30BU1400A\*

| IDB   |       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      |
|-------|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|
|       |       | 65°F                        |      |      |      |      |      |      |      | 75°F |      |      |      |      |      |      |      | 85°F |      |      |      |      |      |      |      | 95°F |      |      |      |      |      |      |      | 105°F |      |      |      |      |      |      |      | 115°F |      |      |      |      |      |      |      |      |
|       |       | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   |       |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      |
| 70    | 875   | MBh                         | 28.9 | 29.3 | 30.2 | -    | 28.6 | 29.0 | 29.9 | -    | 27.9 | 28.3 | 29.2 | -    | 26.6 | 27.0 | 27.9 | -    | 25.0 | 25.4 | 26.3 | -    | 23.5 | 24.0 | 24.8 | -    | 28.9 | 29.3 | 30.2 | -    | 28.6 | 29.0 | 29.9 | -     | 27.9 | 28.3 | 29.2 | -    | 26.6 | 27.0 | 27.9 | -     | 25.0 | 25.4 | 26.3 | -    | 23.5 | 24.0 | 24.8 | -    |
|       |       | S/T                         | 0.62 | 0.54 | 0.40 | -    | 0.63 | 0.55 | 0.41 | -    | 0.65 | 0.58 | 0.44 | -    | 0.67 | 0.60 | 0.46 | -    | 1.00 | 0.62 | 0.48 | -    | 1.00 | 0.67 | 0.53 | -    | 0.62 | 0.54 | 0.40 | -    | 0.63 | 0.55 | 0.41 | -     | 0.65 | 0.58 | 0.44 | -    | 0.67 | 0.60 | 0.46 | -     | 1.00 | 0.62 | 0.48 | -    | 1.00 | 0.67 | 0.53 | -    |
|       |       | ΔT                          | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -     | 19   | 17   | 14   | -    | 19   | 17   | 14   | -     | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    |
|       |       | kW                          | 1.63 | 1.63 | 1.62 | -    | 1.81 | 1.81 | 1.81 | -    | 2.02 | 2.02 | 2.01 | -    | 2.24 | 2.24 | 2.24 | -    | 2.49 | 2.49 | 2.49 | -    | 2.78 | 2.78 | 2.78 | -    | 1.63 | 1.63 | 1.62 | -    | 1.81 | 1.81 | 1.81 | -     | 2.02 | 2.02 | 2.01 | -    | 2.24 | 2.24 | 2.24 | -     | 2.49 | 2.49 | 2.49 | -    | 2.78 | 2.78 | 2.78 | -    |
|       |       | Amps                        | 6.0  | 6.0  | 6.0  | -    | 6.9  | 6.9  | 6.8  | -    | 7.8  | 7.8  | 7.8  | -    | 8.8  | 8.8  | 8.8  | -    | 10.0 | 10.0 | 9.9  | -    | 11.3 | 11.3 | 11.3 | -    | 6.0  | 6.0  | 6.0  | -    | 6.9  | 6.9  | 6.8  | -     | 7.8  | 7.8  | 7.8  | -    | 8.8  | 8.8  | 8.8  | -     | 10.0 | 10.0 | 9.9  | -    | 11.3 | 11.3 | 11.3 | -    |
|       |       | Hi PR                       | 240  | 241  | 243  | -    | 278  | 279  | 281  | -    | 318  | 319  | 321  | -    | 361  | 362  | 363  | -    | 407  | 408  | 409  | -    | 456  | 457  | 459  | -    | 240  | 241  | 243  | -    | 278  | 279  | 281  | -     | 318  | 319  | 321  | -    | 361  | 362  | 363  | -     | 407  | 408  | 409  | -    | 456  | 457  | 459  | -    |
|       | Lo PR | 120                         | 122  | 125  | -    | 128  | 129  | 132  | -    | 134  | 136  | 139  | -    | 140  | 141  | 144  | -    | 145  | 146  | 149  | -    | 152  | 153  | 156  | -    | 120  | 122  | 125  | -    | 128  | 129  | 132  | -    | 134   | 136  | 139  | -    | 140  | 141  | 144  | -    | 145   | 146  | 149  | -    | 152  | 153  | 156  | -    |      |
|       | 1000  | MBh                         | 29.3 | 29.7 | 30.5 | -    | 29.0 | 29.4 | 30.3 | -    | 28.3 | 28.7 | 29.5 | -    | 27.0 | 27.4 | 28.2 | -    | 25.4 | 25.8 | 26.6 | -    | 23.9 | 24.3 | 25.2 | -    | 29.3 | 29.7 | 30.5 | -    | 29.0 | 29.4 | 30.3 | -     | 28.3 | 28.7 | 29.5 | -    | 27.0 | 27.4 | 28.2 | -     | 25.4 | 25.8 | 26.6 | -    | 23.9 | 24.3 | 25.2 | -    |
|       |       | S/T                         | 0.68 | 0.61 | 0.47 | -    | 0.69 | 0.61 | 0.47 | -    | 0.72 | 0.64 | 0.50 | -    | 0.74 | 0.66 | 0.52 | -    | 1.00 | 0.68 | 0.54 | -    | 1.00 | 0.73 | 0.59 | -    | 0.68 | 0.61 | 0.47 | -    | 0.69 | 0.61 | 0.47 | -     | 0.72 | 0.64 | 0.50 | -    | 0.74 | 0.66 | 0.52 | -     | 1.00 | 0.68 | 0.54 | -    | 1.00 | 0.73 | 0.59 | -    |
|       |       | ΔT                          | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 19   | 17   | 14   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -     | 18   | 16   | 13   | -    | 18   | 16   | 13   | -     | 18   | 16   | 13   | -    | 19   | 17   | 14   | -    |
|       |       | kW                          | 1.64 | 1.64 | 1.63 | -    | 1.82 | 1.82 | 1.82 | -    | 2.03 | 2.03 | 2.02 | -    | 2.25 | 2.25 | 2.25 | -    | 2.50 | 2.50 | 2.50 | -    | 2.79 | 2.79 | 2.79 | -    | 1.64 | 1.64 | 1.63 | -    | 1.82 | 1.82 | 1.82 | -     | 2.03 | 2.03 | 2.02 | -    | 2.25 | 2.25 | 2.25 | -     | 2.50 | 2.50 | 2.50 | -    | 2.79 | 2.79 | 2.79 | -    |
|       |       | Amps                        | 6.1  | 6.1  | 6.0  | -    | 6.9  | 6.9  | 6.9  | -    | 7.8  | 7.8  | 7.8  | -    | 8.9  | 8.9  | 8.8  | -    | 10.0 | 10.0 | 10.0 | -    | 11.3 | 11.3 | 11.3 | -    | 6.1  | 6.1  | 6.0  | -    | 6.9  | 6.9  | 6.9  | -     | 7.8  | 7.8  | 7.8  | -    | 8.9  | 8.9  | 8.8  | -     | 10.0 | 10.0 | 10.0 | -    | 11.3 | 11.3 | 11.3 | -    |
| Hi PR |       | 242                         | 243  | 245  | -    | 280  | 281  | 283  | -    | 320  | 321  | 323  | -    | 363  | 364  | 365  | -    | 409  | 410  | 412  | -    | 458  | 459  | 461  | -    | 242  | 243  | 245  | -    | 280  | 281  | 283  | -    | 320   | 321  | 323  | -    | 363  | 364  | 365  | -    | 409   | 410  | 412  | -    | 458  | 459  | 461  | -    |      |
| Lo PR | 122   | 124                         | 127  | -    | 130  | 131  | 134  | -    | 136  | 137  | 140  | -    | 141  | 143  | 146  | -    | 147  | 148  | 151  | -    | 153  | 155  | 158  | -    | 122  | 124  | 127  | -    | 130  | 131  | 134  | -    | 136  | 137   | 140  | -    | 141  | 143  | 146  | -    | 147  | 148   | 151  | -    | 153  | 155  | 158  | -    |      |      |
| 1125  | MBh   | 29.7                        | 30.1 | 31.0 | -    | 29.5 | 29.9 | 30.7 | -    | 28.7 | 29.1 | 30.0 | -    | 27.4 | 27.8 | 28.7 | -    | 25.8 | 26.2 | 27.1 | -    | 24.4 | 24.8 | 25.7 | -    | 29.7 | 30.1 | 31.0 | -    | 29.5 | 29.9 | 30.7 | -    | 28.7  | 29.1 | 30.0 | -    | 27.4 | 27.8 | 28.7 | -    | 25.8  | 26.2 | 27.1 | -    | 24.4 | 24.8 | 25.7 | -    |      |
|       | S/T   | 0.72                        | 0.64 | 0.50 | -    | 0.72 | 0.65 | 0.51 | -    | 0.75 | 0.67 | 0.53 | -    | 1.00 | 0.69 | 0.55 | -    | 1.00 | 0.71 | 0.58 | -    | 1.00 | 0.77 | 0.63 | -    | 0.72 | 0.64 | 0.50 | -    | 0.72 | 0.65 | 0.51 | -    | 0.75  | 0.67 | 0.53 | -    | 1.00 | 0.69 | 0.55 | -    | 1.00  | 0.71 | 0.58 | -    | 1.00 | 0.77 | 0.63 | -    |      |
|       | ΔT    | 17                          | 15   | 12   | -    | 17   | 15   | 12   | -    | 17   | 15   | 12   | -    | 17   | 15   | 12   | -    | 17   | 15   | 12   | -    | 18   | 16   | 13   | -    | 17   | 15   | 12   | -    | 17   | 15   | 12   | -    | 17    | 15   | 12   | -    | 17   | 15   | 12   | -    | 17    | 15   | 12   | -    | 18   | 16   | 13   | -    |      |
|       | kW    | 1.65                        | 1.64 | 1.64 | -    | 1.83 | 1.83 | 1.83 | -    | 2.04 | 2.03 | 2.03 | -    | 2.26 | 2.26 | 2.25 | -    | 2.51 | 2.51 | 2.50 | -    | 2.80 | 2.80 | 2.80 | -    | 1.65 | 1.64 | 1.64 | -    | 1.83 | 1.83 | 1.83 | -    | 2.04  | 2.03 | 2.03 | -    | 2.26 | 2.26 | 2.25 | -    | 2.51  | 2.51 | 2.50 | -    | 2.80 | 2.80 | 2.80 | -    |      |
|       | Amps  | 6.1                         | 6.1  | 6.1  | -    | 6.9  | 6.9  | 6.9  | -    | 7.9  | 7.9  | 7.9  | -    | 8.9  | 8.9  | 8.9  | -    | 10.0 | 10.0 | 10.0 | -    | 11.4 | 11.4 | 11.4 | -    | 6.1  | 6.1  | 6.1  | -    | 6.9  | 6.9  | 6.9  | -    | 7.9   | 7.9  | 7.9  | -    | 8.9  | 8.9  | 8.9  | -    | 10.0  | 10.0 | 10.0 | -    | 11.4 | 11.4 | 11.4 | -    |      |
|       | Hi PR | 244                         | 245  | 247  | -    | 282  | 283  | 285  | -    | 322  | 323  | 325  | -    | 365  | 366  | 367  | -    | 411  | 412  | 414  | -    | 460  | 461  | 463  | -    | 244  | 245  | 247  | -    | 282  | 283  | 285  | -    | 322   | 323  | 325  | -    | 365  | 366  | 367  | -    | 411   | 412  | 414  | -    | 460  | 461  | 463  | -    |      |
| Lo PR | 124   | 126                         | 129  | -    | 131  | 133  | 136  | -    | 138  | 139  | 142  | -    | 143  | 145  | 148  | -    | 149  | 150  | 153  | -    | 155  | 157  | 160  | -    | 124  | 126  | 129  | -    | 131  | 133  | 136  | -    | 138  | 139   | 142  | -    | 143  | 145  | 148  | -    | 149  | 150   | 153  | -    | 155  | 157  | 160  | -    |      |      |
| 75    | 875   | MBh                         | 28.9 | 29.3 | 30.2 | 31.5 | 28.7 | 29.1 | 29.9 | 31.2 | 27.9 | 28.3 | 29.2 | 30.5 | 26.6 | 27.0 | 27.9 | 29.2 | 25.0 | 25.4 | 26.3 | 27.6 | 23.6 | 24.0 | 24.8 | 26.2 | 28.9 | 29.3 | 30.2 | 31.5 | 28.7 | 29.1 | 29.9 | 31.2  | 27.9 | 28.3 | 29.2 | 30.5 | 26.6 | 27.0 | 27.9 | 29.2  | 25.0 | 25.4 | 26.3 | 27.6 | 23.6 | 24.0 | 24.8 | 26.2 |
|       |       | S/T                         | 0.75 | 0.68 | 0.54 | 0.39 | 0.76 | 0.68 | 0.54 | 0.40 | 1.00 | 0.71 | 0.57 | 0.42 | 1.00 | 0.73 | 0.59 | 0.44 | 1.00 | 0.75 | 0.61 | 0.47 | 1.00 | 0.80 | 0.66 | 0.52 | 0.75 | 0.68 | 0.54 | 0.39 | 0.76 | 0.68 | 0.54 | 0.40  | 1.00 | 0.71 | 0.57 | 0.42 | 1.00 | 0.73 | 0.59 | 0.44  | 1.00 | 0.75 | 0.61 | 0.47 | 1.00 | 0.80 | 0.66 | 0.52 |
|       |       | ΔT                          | 23   | 21   | 18   | 14   | 23   | 21   | 18   | 14   | 23   | 21   | 18   | 15   | 23   | 21   | 18   | 14   | 23   | 21   | 18   | 14   | 24   | 22   | 19   | 15   | 23   | 21   | 18   | 14   | 23   | 21   | 18   | 14    | 23   | 21   | 18   | 15   | 23   | 21   | 18   | 14    | 24   | 22   | 19   | 15   |      |      |      |      |
|       |       | kW                          | 1.63 | 1.63 | 1.62 | 1.64 | 1.81 | 1.81 | 1.81 | 1.82 | 2.02 | 2.02 | 2.01 | 2.03 | 2.24 | 2.24 | 2.24 | 2.25 | 2.49 | 2.49 | 2.48 | 2.50 | 2.78 | 2.78 | 2.78 | 2.79 | 1.63 | 1.63 | 1.62 | 1.64 | 1.81 | 1.81 | 1.81 | 1.82  | 2.02 | 2.02 | 2.01 | 2.03 | 2.24 | 2.24 | 2.24 | 2.25  | 2.49 | 2.49 | 2.48 | 2.50 | 2.78 | 2.78 | 2.78 | 2.79 |
|       |       | Amps                        | 6.0  | 6.0  | 6.0  | 6.1  | 6.9  | 6.8  | 6.8  | 6.9  | 7.8  | 7.8  | 7.8  | 7.8  | 8.8  | 8.8  | 8.8  | 8.9  | 10.0 | 10.0 | 10.0 | 10.0 | 11.3 | 11.3 | 11.3 | 11.3 | 6.0  | 6.0  | 6.0  | 6.1  | 6.9  | 6.8  | 6.8  | 6.9   | 7.8  | 7.8  | 7.8  | 7.8  | 8.8  | 8.8  | 8.8  | 8.9   | 10.0 | 10.0 | 10.0 | 10.0 | 11.3 | 11.3 | 11.3 | 11.3 |
|       |       | Hi PR                       | 240  | 242  | 243  | 247  | 278  | 279  | 281  | 285  | 318  | 319  | 321  | 325  | 361  | 362  | 364  | 368  | 407  | 408  | 410  | 414  | 456  | 457  | 459  | 463  | 240  | 242  | 243  | 247  | 278  | 279  | 281  | 285   | 318  | 319  | 321  | 325  | 361  | 362  | 364  | 368   | 407  | 408  | 410  | 414  | 456  | 457  | 459  | 463  |
|       | Lo PR | 120                         | 122  | 125  | 130  | 128  | 129  | 132  | 137  | 134  | 136  | 139  | 144  | 140  | 141  | 144  | 149  | 145  | 146  | 149  | 155  | 152  | 153  | 156  | 161  | 120  | 122  | 125  | 130  | 128  | 129  | 132  | 137  | 134   | 136  | 139  | 144  | 140  | 141  | 144  | 149  | 145   | 146  | 149  | 155  | 152  | 153  | 156  | 161  |      |
|       | 1000  | MBh                         | 29.3 | 29.7 | 30.6 | 31.9 | 29.0 | 29.4 | 30.3 | 31.6 | 28.3 | 28.7 | 29.5 | 30.9 | 27.0 | 27.4 | 28.3 | 29.6 | 25.4 | 25.8 | 26.7 | 28.0 | 23.9 | 24.4 | 25.2 | 26.5 | 29.3 | 29.7 | 30.6 | 31.9 | 29.0 | 29.4 | 30.3 | 31.6  | 28.3 | 28.7 | 29.5 | 30.9 | 27.0 | 27.4 | 28.3 | 29.6  | 25.4 | 25.8 | 26.7 | 28.0 | 23.9 | 24.4 | 25.2 | 26.5 |
|       |       | S/T                         | 0.82 | 0.74 | 0.60 | 0.45 | 0.82 | 0.74 | 0.60 | 0.46 | 1.00 | 0.77 | 0.63 | 0.48 | 1.00 | 0.79 | 0.65 | 0.50 | 1.00 | 0.81 | 0.67 | 0.53 | 1.00 | 1.00 | 0.73 | 0.58 | 0.82 | 0.74 | 0.60 | 0.45 | 0.82 | 0.74 | 0.60 | 0.46  | 1.00 | 0.77 | 0.63 | 0.48 | 1.00 | 0.79 | 0.65 | 0.50  | 1.00 | 0.81 | 0.67 | 0.53 | 1.00 | 1.00 | 0.73 | 0.58 |
|       |       | ΔT                          | 22   | 20   | 17   | 13   | 22   | 20   | 17   | 13   | 22   | 20   | 17   | 14   | 22   | 20   | 17   | 13   | 22   | 20   | 16   | 13   | 23   | 21   | 18   | 1    |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |      |



COOLING DATA — DZ5SEA3010A\* + AMST30BU1400A\* (CONT.)

| IDB   | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |      |      |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|------|------|
|       |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F |      |      |      | 105°F |      |      |      | 115°F |      |      |      |      |      |
|       |         | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |      |      |
| 80    | 875     | MBh                         | 29.1 | 29.5 | 30.3 | 31.6 | 28.8 | 29.2 | 30.1 | 31.4 | 28.0 | 28.5 | 29.3 | 30.6 | 26.7 | 27.2 | 28.0 | 29.3  | 25.2 | 25.6 | 26.4 | 27.8  | 23.7 | 24.1 | 25.0 | 26.3 |      |
|       |         | S/T                         | 0.88 | 0.80 | 0.67 | 0.52 | 1.00 | 0.81 | 0.67 | 0.53 | 1.00 | 0.84 | 0.70 | 0.55 | 1.00 | 0.86 | 0.72 | 0.57  | 1.00 | 1.00 | 0.74 | 0.59  | 1.00 | 1.00 | 0.79 | 0.65 |      |
|       |         | ΔT                          | 27   | 25   | 22   | 18   | 27   | 25   | 22   | 18   | 27   | 25   | 22   | 19   | 27   | 25   | 22   | 18    | 26   | 26   | 25   | 21    | 18   | 28   | 26   | 23   | 19   |
|       |         | kW                          | 1.63 | 1.63 | 1.62 | 1.64 | 1.81 | 1.81 | 1.81 | 1.82 | 1.82 | 2.02 | 2.02 | 2.01 | 2.03 | 2.24 | 2.24 | 2.24  | 2.25 | 2.49 | 2.49 | 2.49  | 2.50 | 2.78 | 2.78 | 2.78 | 2.79 |
|       |         | Amps                        | 6.0  | 6.0  | 6.0  | 6.1  | 6.9  | 6.9  | 6.8  | 6.9  | 7.8  | 7.8  | 7.8  | 7.8  | 7.8  | 8.8  | 8.8  | 8.8   | 8.9  | 10.0 | 10.0 | 9.9   | 10.0 | 11.3 | 11.3 | 11.3 | 11.3 |
|       | Hi PR   | 241                         | 242  | 244  | 248  | 279  | 280  | 282  | 286  | 319  | 320  | 321  | 325  | 361  | 362  | 364  | 368  | 407   | 407  | 408  | 410  | 414   | 457  | 458  | 459  | 464  |      |
|       | Lo PR   | 121                         | 122  | 126  | 131  | 128  | 130  | 133  | 138  | 140  | 136  | 138  | 141  | 146  | 142  | 143  | 145  | 150   | 145  | 147  | 150  | 155   | 152  | 154  | 157  | 162  |      |
|       | 1000    | MBh                         | 29.4 | 29.8 | 30.7 | 32.0 | 29.2 | 29.6 | 30.5 | 31.8 | 28.4 | 28.8 | 29.7 | 31.0 | 27.1 | 27.5 | 28.4 | 29.7  | 25.5 | 26.0 | 26.8 | 28.1  | 24.1 | 24.5 | 25.4 | 26.7 |      |
|       |         | S/T                         | 1.00 | 0.87 | 0.73 | 0.58 | 1.00 | 0.87 | 0.73 | 0.59 | 1.00 | 0.90 | 0.76 | 0.61 | 1.00 | 0.92 | 0.78 | 0.63  | 1.00 | 1.00 | 0.80 | 0.66  | 1.00 | 1.00 | 0.85 | 0.71 |      |
|       |         | ΔT                          | 26   | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 26   | 24   | 21   | 17    | 25   | 24   | 20   | 17    | 26   | 25   | 21   | 18   |      |
| kW    |         | 1.64                        | 1.64 | 1.63 | 1.65 | 1.82 | 1.82 | 1.82 | 1.83 | 2.03 | 2.03 | 2.02 | 2.04 | 2.25 | 2.25 | 2.25 | 2.26 | 2.50  | 2.50 | 2.50 | 2.51 | 2.79  | 2.79 | 2.79 | 2.80 |      |      |
| Amps  |         | 6.1                         | 6.1  | 6.0  | 6.1  | 6.9  | 6.9  | 6.9  | 6.9  | 7.8  | 7.8  | 7.8  | 7.9  | 8.9  | 8.9  | 8.9  | 8.9  | 10.0  | 10.0 | 10.0 | 10.0 | 11.3  | 11.3 | 11.3 | 11.4 |      |      |
| Hi PR | 243     | 244                         | 246  | 250  | 281  | 282  | 284  | 288  | 321  | 322  | 323  | 327  | 363  | 364  | 366  | 370  | 409  | 410   | 412  | 416  | 459  | 460   | 461  | 466  |      |      |      |
| Lo PR | 123     | 124                         | 127  | 132  | 130  | 132  | 135  | 140  | 136  | 138  | 141  | 146  | 142  | 143  | 146  | 152  | 147  | 149   | 152  | 157  | 154  | 155   | 158  | 164  |      |      |      |
| 1125  | MBh     | 29.9                        | 30.3 | 31.2 | 32.5 | 29.6 | 30.0 | 30.9 | 32.2 | 28.9 | 29.3 | 30.2 | 31.5 | 27.6 | 28.0 | 28.9 | 30.2 | 26.0  | 26.4 | 27.3 | 28.6 | 24.5  | 25.0 | 25.8 | 27.1 |      |      |
|       | S/T     | 1.00                        | 0.90 | 0.76 | 0.62 | 1.00 | 0.91 | 0.77 | 0.62 | 1.00 | 0.93 | 0.79 | 0.65 | 1.00 | 1.00 | 0.81 | 0.67 | 1.00  | 1.00 | 0.84 | 0.69 | 1.00  | 1.00 | 0.89 | 0.74 |      |      |
|       | ΔT      | 25                          | 23   | 20   | 16   | 25   | 23   | 20   | 16   | 25   | 23   | 20   | 17   | 25   | 23   | 20   | 16   | 24    | 23   | 19   | 16   | 26    | 24   | 21   | 17   |      |      |
|       | kW      | 1.65                        | 1.64 | 1.64 | 1.65 | 1.83 | 1.83 | 1.83 | 1.84 | 2.04 | 2.03 | 2.03 | 2.05 | 2.26 | 2.26 | 2.26 | 2.27 | 2.51  | 2.51 | 2.50 | 2.52 | 2.80  | 2.80 | 2.80 | 2.81 |      |      |
|       | Amps    | 6.1                         | 6.1  | 6.1  | 6.1  | 6.9  | 6.9  | 6.9  | 7.0  | 7.9  | 7.9  | 7.9  | 7.9  | 8.9  | 8.9  | 8.9  | 8.9  | 10.0  | 10.0 | 10.0 | 10.1 | 11.4  | 11.4 | 11.4 | 11.4 |      |      |
| Hi PR | 245     | 246                         | 248  | 252  | 283  | 284  | 286  | 290  | 323  | 324  | 325  | 329  | 365  | 366  | 368  | 372  | 411  | 412   | 414  | 418  | 461  | 462   | 463  | 468  |      |      |      |
| Lo PR | 125     | 126                         | 129  | 134  | 132  | 134  | 137  | 142  | 138  | 140  | 143  | 148  | 144  | 145  | 148  | 154  | 149  | 151   | 154  | 159  | 156  | 157   | 160  | 166  |      |      |      |
| 85    | 875     | MBh                         | 29.5 | 30.0 | 30.8 | 32.1 | 29.3 | 29.7 | 30.6 | 31.9 | 28.5 | 28.9 | 29.8 | 31.1 | 27.2 | 27.6 | 28.5 | 29.8  | 25.6 | 26.1 | 26.9 | 28.2  | 24.2 | 24.6 | 25.5 | 26.8 |      |
|       |         | S/T                         | 1.00 | 0.91 | 0.77 | 0.6  | 1.00 | 0.92 | 0.78 | 0.6  | 1.00 | 1.00 | 0.80 | 0.7  | 1.00 | 1.00 | 0.82 | 0.7   | 1.00 | 1.00 | 0.84 | 0.7   | 1.00 | 1.00 | 1.00 | 0.8  |      |
|       |         | ΔT                          | 30   | 28   | 25   | 22   | 30   | 28   | 25   | 22   | 30   | 28   | 25   | 22   | 30   | 28   | 25   | 22    | 30   | 28   | 25   | 21    | 31   | 29   | 26   | 23   |      |
|       |         | kW                          | 1.63 | 1.63 | 1.63 | 1.6  | 1.82 | 1.81 | 1.81 | 1.8  | 2.02 | 2.02 | 2.02 | 2.0  | 2.24 | 2.24 | 2.24 | 2.3   | 2.49 | 2.49 | 2.49 | 2.5   | 2.79 | 2.78 | 2.78 | 2.8  |      |
|       |         | Amps                        | 6.0  | 6.0  | 6.0  | 6.1  | 6.9  | 6.9  | 6.9  | 6.9  | 7.8  | 7.8  | 7.8  | 7.9  | 8.8  | 8.8  | 8.8  | 8.9   | 10.0 | 10.0 | 10.0 | 10.0  | 11.3 | 11.3 | 11.3 | 11.4 |      |
|       | Hi PR   | 242                         | 243  | 245  | 249  | 280  | 281  | 283  | 287  | 320  | 321  | 322  | 327  | 362  | 363  | 365  | 369  | 409   | 410  | 411  | 415  | 458   | 459  | 460  | 465  |      |      |
|       | Lo PR   | 123                         | 124  | 127  | 132  | 130  | 132  | 135  | 140  | 137  | 138  | 141  | 146  | 142  | 143  | 147  | 152  | 147   | 149  | 152  | 157  | 154   | 155  | 159  | 164  |      |      |
|       | 1000    | MBh                         | 29.9 | 30.3 | 31.2 | 32.5 | 29.7 | 30.1 | 30.9 | 32.3 | 28.9 | 29.3 | 30.2 | 31.5 | 27.6 | 28.0 | 28.9 | 30.2  | 26.0 | 26.4 | 27.3 | 28.6  | 24.6 | 25.0 | 25.9 | 27.2 |      |
|       |         | S/T                         | 1.00 | 0.97 | 0.83 | 0.7  | 1.00 | 0.98 | 0.84 | 0.7  | 1.00 | 1.00 | 0.86 | 0.7  | 1.00 | 1.00 | 0.88 | 0.7   | 1.00 | 1.00 | 0.91 | 0.8   | 1.00 | 1.00 | 1.00 | 0.8  |      |
|       |         | ΔT                          | 29   | 27   | 24   | 21   | 29   | 27   | 24   | 21   | 29   | 28   | 24   | 21   | 29   | 27   | 24   | 21    | 29   | 27   | 24   | 20    | 30   | 28   | 25   | 21   |      |
| kW    |         | 1.64                        | 1.64 | 1.64 | 1.7  | 1.83 | 1.82 | 1.82 | 1.8  | 2.03 | 2.03 | 2.03 | 2.0  | 2.25 | 2.25 | 2.25 | 2.3  | 2.50  | 2.50 | 2.50 | 2.5  | 2.80  | 2.79 | 2.79 | 2.8  |      |      |
| Amps  |         | 6.1                         | 6.1  | 6.1  | 6.1  | 6.9  | 6.9  | 6.9  | 7.0  | 7.9  | 7.9  | 7.8  | 7.9  | 8.9  | 8.9  | 8.9  | 8.9  | 10.0  | 10.0 | 10.0 | 10.1 | 11.4  | 11.4 | 11.3 | 11.4 |      |      |
| Hi PR | 244     | 245                         | 247  | 251  | 282  | 283  | 285  | 289  | 322  | 323  | 324  | 329  | 364  | 366  | 367  | 371  | 411  | 412   | 413  | 418  | 460  | 461   | 463  | 467  |      |      |      |
| Lo PR | 125     | 126                         | 129  | 134  | 132  | 133  | 136  | 142  | 138  | 140  | 143  | 148  | 144  | 145  | 148  | 153  | 149  | 151   | 154  | 159  | 156  | 157   | 160  | 165  |      |      |      |
| 1125  | MBh     | 30.4                        | 30.8 | 31.7 | 33.0 | 30.1 | 30.5 | 31.4 | 32.7 | 29.4 | 29.8 | 30.6 | 32.0 | 28.1 | 28.5 | 29.3 | 30.7 | 26.5  | 26.9 | 27.8 | 29.1 | 25.0  | 25.4 | 26.3 | 27.6 |      |      |
|       | S/T     | 1.00                        | 1.00 | 0.87 | 0.7  | 1.00 | 1.00 | 0.87 | 0.7  | 1.00 | 1.00 | 0.90 | 0.8  | 1.00 | 1.00 | 0.92 | 0.8  | 1.00  | 1.00 | 0.94 | 0.8  | 1.00  | 1.00 | 1.00 | 0.8  |      |      |
|       | ΔT      | 28                          | 26   | 23   | 20   | 28   | 26   | 23   | 20   | 28   | 27   | 23   | 20   | 28   | 26   | 23   | 20   | 28    | 26   | 23   | 20   | 29    | 27   | 24   | 21   |      |      |
|       | kW      | 1.65                        | 1.65 | 1.64 | 1.7  | 1.83 | 1.83 | 1.83 | 1.8  | 2.04 | 2.04 | 2.03 | 2.0  | 2.26 | 2.26 | 2.26 | 2.3  | 2.51  | 2.51 | 2.51 | 2.5  | 2.80  | 2.80 | 2.80 | 2.8  |      |      |
|       | Amps    | 6.1                         | 6.1  | 6.1  | 6.2  | 7.0  | 6.9  | 6.9  | 7.0  | 7.9  | 7.9  | 7.9  | 7.9  | 8.9  | 8.9  | 8.9  | 9.0  | 10.1  | 10.1 | 10.0 | 10.1 | 11.4  | 11.4 | 11.4 | 11.4 |      |      |
| Hi PR | 246     | 247                         | 249  | 253  | 284  | 285  | 287  | 291  | 324  | 325  | 326  | 331  | 366  | 367  | 369  | 373  | 413  | 414   | 415  | 419  | 462  | 463   | 465  | 469  |      |      |      |
| Lo PR | 127     | 128                         | 131  | 136  | 134  | 135  | 138  | 144  | 140  | 142  | 145  | 150  | 146  | 147  | 150  | 155  | 151  | 152   | 156  | 161  | 158  | 159   | 162  | 167  |      |      |      |

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

COOLING DATA — DZ5SEA3610A\* + AMST42CU1400A\*

| IDB   |       | Outdoor Ambient Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |       |      |      |      |      |      |      |      |
|-------|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|-------|------|------|------|------|------|------|------|
|       |       | 65°F                        |      |      |      |      | 75°F |      |      |      |      | 85°F |      |      |      |      | 95°F |      |      |      |      | 105°F |      |      |      |      | 115°F |      |      |      |      |      |      |      |
|       |       | 59                          | 63   | 67   | 71   | 75   | 59   | 63   | 67   | 71   | 75   | 59   | 63   | 67   | 71   | 75   | 59   | 63   | 67   | 71   | 75   | 59    | 63   | 67   | 71   | 75   | 59    | 63   | 67   | 71   | 75   |      |      |      |
| 70    | 1050  | Airflow                     | 35.8 | 36.3 | 37.3 | -    | 35.4 | 35.9 | 37.0 | -    | 34.5 | 35.0 | 36.1 | -    | 32.9 | 33.4 | 34.5 | -    | 31.0 | 31.5 | 32.5 | -     | 29.2 | 29.7 | 30.8 | -    | 29.2  | 29.7 | 30.8 | -    | 29.2 | 29.7 | 30.8 | -    |
|       |       | MBh                         | 0.63 | 0.56 | 0.43 | -    | 0.64 | 0.57 | 0.44 | -    | 0.66 | 0.59 | 0.46 | -    | 0.68 | 0.61 | 0.48 | -    | 0.70 | 0.63 | 0.50 | -     | 1.00 | 0.68 | 0.55 | -    | 1.00  | 0.68 | 0.55 | -    | 1.00 | 0.68 | 0.55 | -    |
|       |       | S/T                         | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 13   | -     | 20   | 18   | 14   | -    | 20    | 18   | 14   | -    | 20   | 18   | 14   | -    |
|       |       | ΔT                          | 1.93 | 1.93 | 1.92 | -    | 2.17 | 2.17 | 2.16 | -    | 2.44 | 2.43 | 2.43 | -    | 2.72 | 2.72 | 2.72 | -    | 3.05 | 3.04 | 3.04 | -     | 3.42 | 3.42 | 3.42 | -    | 3.42  | 3.42 | 3.42 | -    | 3.42 | 3.42 | 3.42 | -    |
|       |       | kW                          | 7.4  | 7.4  | 7.4  | -    | 8.5  | 8.5  | 8.5  | -    | 9.7  | 9.7  | 9.7  | -    | 11.0 | 11.0 | 11.0 | -    | 12.5 | 12.5 | 12.5 | -     | 14.3 | 14.2 | 14.2 | -    | 14.3  | 14.2 | 14.2 | -    | 14.3 | 14.2 | 14.2 | -    |
|       | Amps  | 245                         | 246  | 248  | -    | 284  | 285  | 286  | -    | 324  | 325  | 327  | -    | 367  | 368  | 370  | -    | 414  | 415  | 417  | -    | 464   | 465  | 466  | -    | 464  | 465   | 466  | -    | 464  | 465  | 466  | -    |      |
|       | Hi PR | 117                         | 119  | 122  | -    | 125  | 126  | 129  | -    | 131  | 132  | 135  | -    | 136  | 137  | 140  | -    | 141  | 143  | 146  | -    | 148   | 149  | 152  | -    | 148  | 149   | 152  | -    | 148  | 149  | 152  | -    |      |
|       | Lo PR | 36.4                        | 36.9 | 37.9 | -    | 36.0 | 36.5 | 37.6 | -    | 35.1 | 35.6 | 36.7 | -    | 33.5 | 34.0 | 35.1 | -    | 31.6 | 32.1 | 33.1 | -    | 29.8  | 30.3 | 31.4 | -    | 29.8 | 30.3  | 31.4 | -    | 29.8 | 30.3 | 31.4 | -    |      |
|       | MBh   | 0.67                        | 0.60 | 0.47 | -    | 0.68 | 0.61 | 0.48 | -    | 0.71 | 0.63 | 0.50 | -    | 0.72 | 0.65 | 0.52 | -    | 1.00 | 0.67 | 0.54 | -    | 1.00  | 0.72 | 0.59 | -    | 1.00 | 0.72  | 0.59 | -    | 1.00 | 0.72 | 0.59 | -    |      |
|       | S/T   | 18                          | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 17   | 16   | 12   | -    | 19    | 17   | 13   | -    | 19   | 17    | 13   | -    | 19   | 17   | 13   | -    |      |
| ΔT    | 1.94  | 1.94                        | 1.94 | -    | 2.18 | 2.18 | 2.17 | -    | 2.45 | 2.45 | 2.44 | -    | 2.74 | 2.73 | 2.73 | -    | 3.06 | 3.06 | 3.05 | -    | 3.44 | 3.43  | 3.43 | -    | 3.44 | 3.43 | 3.43  | -    | 3.44 | 3.43 | 3.43 | -    |      |      |
| kW    | 7.5   | 7.5                         | 7.4  | -    | 8.6  | 8.6  | 8.5  | -    | 9.8  | 9.8  | 9.8  | -    | 11.1 | 11.1 | 11.1 | -    | 12.6 | 12.6 | 12.6 | -    | 14.3 | 14.3  | 14.3 | -    | 14.3 | 14.3 | 14.3  | -    | 14.3 | 14.3 | 14.3 | -    |      |      |
| Amps  | 247   | 248                         | 250  | -    | 286  | 287  | 289  | -    | 326  | 327  | 329  | -    | 369  | 370  | 372  | -    | 416  | 417  | 419  | -    | 466  | 467   | 469  | -    | 466  | 467  | 469   | -    | 466  | 467  | 469  | -    |      |      |
| Hi PR | 120   | 121                         | 124  | -    | 127  | 128  | 131  | -    | 133  | 134  | 137  | -    | 138  | 139  | 142  | -    | 143  | 145  | 148  | -    | 150  | 151   | 154  | -    | 150  | 151  | 154   | -    | 150  | 151  | 154  | -    |      |      |
| Lo PR | 37.1  | 37.6                        | 38.7 | -    | 36.8 | 37.3 | 38.3 | -    | 35.9 | 36.4 | 37.4 | -    | 34.3 | 34.8 | 35.8 | -    | 32.3 | 32.8 | 33.9 | -    | 30.5 | 31.0  | 32.1 | -    | 30.5 | 31.0 | 32.1  | -    | 30.5 | 31.0 | 32.1 | -    |      |      |
| MBh   | 0.69  | 0.61                        | 0.48 | -    | 0.69 | 0.62 | 0.49 | -    | 0.72 | 0.65 | 0.51 | -    | 0.74 | 0.66 | 0.53 | -    | 1.00 | 0.69 | 0.55 | -    | 1.00 | 0.74  | 0.60 | -    | 1.00 | 0.74 | 0.60  | -    | 1.00 | 0.74 | 0.60 | -    |      |      |
| S/T   | 17    | 15                          | 12   | -    | 17   | 15   | 12   | -    | 17   | 15   | 12   | -    | 17   | 15   | 12   | -    | 17   | 15   | 11   | -    | 18   | 16    | 12   | -    | 18   | 16   | 12    | -    | 18   | 16   | 12   | -    |      |      |
| ΔT    | 1.95  | 1.95                        | 1.95 | -    | 2.19 | 2.19 | 2.19 | -    | 2.46 | 2.46 | 2.45 | -    | 2.75 | 2.74 | 2.74 | -    | 3.07 | 3.07 | 3.06 | -    | 3.45 | 3.44  | 3.44 | -    | 3.45 | 3.44 | 3.44  | -    | 3.45 | 3.44 | 3.44 | -    |      |      |
| kW    | 7.5   | 7.5                         | 7.5  | -    | 8.6  | 8.6  | 8.6  | -    | 9.8  | 9.8  | 9.8  | -    | 11.1 | 11.1 | 11.1 | -    | 12.6 | 12.6 | 12.6 | -    | 14.4 | 14.3  | 14.3 | -    | 14.4 | 14.3 | 14.3  | -    | 14.4 | 14.3 | 14.3 | -    |      |      |
| Amps  | 250   | 251                         | 252  | -    | 288  | 289  | 291  | -    | 328  | 329  | 331  | -    | 372  | 373  | 374  | -    | 418  | 419  | 421  | -    | 468  | 469   | 471  | -    | 468  | 469  | 471   | -    | 468  | 469  | 471  | -    |      |      |
| Hi PR | 122   | 123                         | 126  | -    | 129  | 130  | 133  | -    | 135  | 137  | 140  | -    | 140  | 142  | 145  | -    | 146  | 147  | 150  | -    | 152  | 153   | 156  | -    | 152  | 153  | 156   | -    | 152  | 153  | 156  | -    |      |      |
| Lo PR | 35.5  | 36.0                        | 37.0 | 38.6 | 35.5 | 36.0 | 37.0 | 38.6 | 34.5 | 35.0 | 36.1 | 37.7 | 32.9 | 33.4 | 34.5 | 36.1 | 31.0 | 31.5 | 32.6 | 34.2 | 29.2 | 29.7  | 30.8 | 32.4 | 29.2 | 29.7 | 30.8  | 32.4 | 29.2 | 29.7 | 30.8 | 32.4 |      |      |
| 75    | 1050  | Airflow                     | 35.8 | 36.3 | 37.3 | 39.0 | 35.5 | 36.0 | 37.0 | 38.6 | 34.5 | 35.0 | 36.1 | 37.7 | 32.9 | 33.4 | 34.5 | 36.1 | 31.0 | 31.5 | 32.6 | 34.2  | 29.2 | 29.7 | 30.8 | 32.4 | 29.2  | 29.7 | 30.8 | 32.4 | 29.2 | 29.7 | 30.8 | 32.4 |
|       |       | MBh                         | 0.76 | 0.69 | 0.55 | 0.42 | 0.77 | 0.69 | 0.56 | 0.42 | 0.79 | 0.72 | 0.58 | 0.45 | 1.00 | 0.73 | 0.60 | 0.46 | 1.00 | 0.76 | 0.62 | 0.49  | 1.00 | 0.81 | 0.67 | 0.54 | 1.00  | 0.81 | 0.67 | 0.54 | 1.00 | 0.81 | 0.67 | 0.54 |
|       |       | S/T                         | 23   | 21   | 18   | 14   | 23   | 21   | 18   | 14   | 23   | 21   | 18   | 14   | 23   | 21   | 18   | 14   | 23   | 21   | 17   | 14    | 24   | 22   | 18   | 15   | 24    | 22   | 18   | 15   | 24   | 22   | 18   | 15   |
|       |       | ΔT                          | 1.93 | 1.93 | 1.92 | 1.94 | 2.17 | 2.17 | 2.16 | 2.18 | 2.43 | 2.43 | 2.43 | 2.45 | 2.72 | 2.72 | 2.72 | 2.73 | 3.04 | 3.04 | 3.04 | 3.06  | 3.42 | 3.42 | 3.42 | 3.44 | 3.42  | 3.42 | 3.42 | 3.44 | 3.42 | 3.42 | 3.42 | 3.44 |
|       |       | kW                          | 7.4  | 7.4  | 7.4  | 7.5  | 8.5  | 8.5  | 8.5  | 8.6  | 9.7  | 9.7  | 9.7  | 9.8  | 11.0 | 11.0 | 11.0 | 11.1 | 12.5 | 12.5 | 12.5 | 12.6  | 14.2 | 14.2 | 14.2 | 14.3 | 14.2  | 14.2 | 14.2 | 14.3 | 14.2 | 14.2 | 14.2 | 14.3 |
|       | Amps  | 245                         | 246  | 248  | 252  | 284  | 285  | 287  | 291  | 324  | 325  | 327  | 331  | 367  | 368  | 370  | 374  | 414  | 415  | 417  | 421  | 464   | 465  | 467  | 471  | 464  | 465   | 467  | 471  | 464  | 465  | 467  | 471  |      |
|       | Hi PR | 118                         | 119  | 122  | 127  | 125  | 126  | 129  | 134  | 131  | 132  | 135  | 140  | 136  | 137  | 140  | 145  | 141  | 143  | 146  | 150  | 148   | 149  | 152  | 157  | 148  | 149   | 152  | 157  | 148  | 149  | 152  | 157  |      |
|       | Lo PR | 36.4                        | 36.9 | 37.9 | 39.6 | 36.1 | 36.6 | 37.6 | 39.2 | 35.1 | 35.6 | 36.7 | 38.3 | 33.5 | 34.1 | 35.1 | 36.7 | 31.6 | 32.1 | 33.2 | 34.8 | 29.8  | 30.3 | 31.4 | 33.0 | 29.8 | 30.3  | 31.4 | 33.0 | 29.8 | 30.3 | 31.4 | 33.0 |      |
|       | MBh   | 0.80                        | 0.73 | 0.60 | 0.46 | 0.81 | 0.73 | 0.60 | 0.46 | 0.83 | 0.76 | 0.63 | 0.49 | 1.00 | 0.78 | 0.64 | 0.51 | 1.00 | 0.80 | 0.67 | 0.53 | 1.00  | 0.85 | 0.72 | 0.58 | 1.00 | 0.85  | 0.72 | 0.58 | 1.00 | 0.85 | 0.72 | 0.58 |      |
|       | S/T   | 22                          | 20   | 17   | 13   | 22   | 20   | 17   | 13   | 22   | 20   | 17   | 13   | 22   | 20   | 17   | 13   | 22   | 20   | 16   | 13   | 23    | 21   | 17   | 14   | 23   | 21    | 17   | 14   | 23   | 21   | 17   | 14   |      |
| ΔT    | 1.94  | 1.94                        | 1.93 | 1.95 | 2.18 | 2.18 | 2.17 | 2.19 | 2.45 | 2.44 | 2.44 | 2.46 | 2.73 | 2.73 | 2.73 | 2.75 | 3.06 | 3.05 | 3.05 | 3.07 | 3.43 | 3.43  | 3.43 | 3.45 | 3.43 | 3.43 | 3.43  | 3.45 | 3.43 | 3.43 | 3.43 | 3.45 |      |      |
| kW    | 7.5   | 7.5                         | 7.4  | 7.5  | 8.6  | 8.5  | 8.5  | 8.6  | 9.8  | 9.8  | 9.7  | 9.8  | 11.1 | 11.1 | 11.1 | 11.2 | 12.6 | 12.6 | 12.5 | 12.6 | 14.3 | 14.3  | 14.3 | 14.4 | 14.3 | 14.3 | 14.3  | 14.4 | 14.3 | 14.3 | 14.3 | 14.4 |      |      |
| Amps  | 248   | 249                         | 250  | 255  | 286  | 287  | 289  | 293  | 326  | 327  | 329  | 333  | 370  | 371  | 372  | 377  | 416  | 417  | 419  | 423  | 466  | 467   | 469  | 473  | 466  | 467  | 469   | 473  | 466  | 467  | 469  | 473  |      |      |
| Hi PR | 120   | 121                         | 124  | 129  | 127  | 128  | 131  | 136  | 133  | 134  | 137  | 142  | 138  | 139  | 142  | 147  | 143  | 145  | 148  | 153  | 150  | 151   | 154  | 159  | 150  | 151  | 154   | 159  | 150  | 151  | 154  | 159  |      |      |
| Lo PR | 37.1  | 37.6                        | 38.7 | 40.3 | 36.8 | 37.3 | 38.4 | 40.0 | 35.9 | 36.4 | 37.4 | 39.1 | 34.3 | 34.8 | 35.8 | 37.5 | 32.3 | 32.8 | 33.9 | 35.5 | 30.6 | 31.1  | 32.1 | 33.7 | 30.6 | 31.1 | 32.1  | 33.7 | 30.6 | 31.1 | 32.1 | 33.7 |      |      |
| MBh   | 0.81  | 0.74                        | 0.61 | 0.47 | 0.82 | 0.75 | 0.61 | 0.48 | 1.00 | 0.77 | 0.64 | 0.50 | 1.00 | 0.79 | 0.66 | 0.52 | 1.00 | 0.81 | 0.68 | 0.54 | 1.00 | 0.86  | 0.73 | 0.59 | 1.00 | 0.86 | 0.73  | 0.59 | 1.00 | 0.86 | 0.73 | 0.59 |      |      |
| S/T   | 21    | 19                          | 16   | 12   | 21   | 19   | 16   | 12   | 21   | 19   | 16   | 12   | 21   | 19   | 16   | 12   | 21   | 19   | 15   | 12   | 22   | 20    | 17   | 13   | 22   | 20   | 17    | 13   | 22   | 20   | 17   | 13   |      |      |
| ΔT    | 1.95  | 1.95                        | 1.94 | 1.96 | 2.19 | 2.19 | 2.18 | 2.20 | 2.46 | 2.45 | 2.45 | 2.47 | 2.74 | 2.74 | 2.74 | 2.76 | 3.07 | 3.06 | 3.06 | 3.08 | 3.44 | 3.44  | 3.44 | 3.46 | 3.44 | 3.44 | 3.44  | 3.46 | 3.44 | 3.44 | 3.44 | 3.46 |      |      |
| kW    | 7.5   | 7.5                         | 7.5  | 7.6  | 8.6  | 8.6  | 8.6  | 8.7  | 9.8  | 9.8  | 9.8  | 9.9  | 11.1 | 11.1 | 11.1 | 11.2 | 12.6 | 12.6 | 12.6 | 12.7 | 14.3 | 14.3  | 14.3 | 14.4 | 14.3 | 14.3 | 14.3  | 14.4 | 14.3 | 14.3 | 14.3 | 14.4 |      |      |
| Amps  | 250   | 251                         | 253  | 257  | 288  | 289  | 291  | 295  | 329  | 330  | 331  | 336  | 372  | 373  | 375  | 379  | 419  | 420  | 421  | 426  | 468  | 470   | 471  | 475  | 468  | 470  | 471   | 475  | 468  | 470  | 471  | 475  |      |      |
| Hi PR | 122   | 123                         | 126  | 131  | 129  | 130  | 133  | 138  | 135  | 137  | 140  | 145  | 140  | 142  | 145  | 150  | 146  | 147  | 150  | 155  | 152  | 153   | 156  | 161  | 152  |      |       |      |      |      |      |      |      |      |

COOLING DATA — DZ5SEA3610A\* + AMST42CU1400A\* (CONT.)

| IDB     |       | Outdoor Ambient Temperature          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |    |       |    |    |    |    |
|---------|-------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|----|-------|----|----|----|----|
|         |       | 65°F                                 |      |      |      |      | 75°F |      |      |      |      | 85°F |      |      |      |      | 95°F |      |      |      |      | 105°F |      |      |      |    | 115°F |    |    |    |    |
|         |       | 59                                   | 63   | 67   | 71   | 75   | 59   | 63   | 67   | 71   | 75   | 59   | 63   | 67   | 71   | 75   | 59   | 63   | 67   | 71   | 75   | 59    | 63   | 67   | 71   | 75 | 59    | 63 | 67 | 71 | 75 |
| Airflow |       | Entering Indoor Wet Bulb Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |    |       |    |    |    |    |
| 1050    | MBh   | 36.0                                 | 36.5 | 37.5 | 39.1 | 35.6 | 36.1 | 37.2 | 38.8 | 34.7 | 35.2 | 36.3 | 37.9 | 33.1 | 33.6 | 34.7 | 36.3 | 31.2 | 31.7 | 32.7 | 34.4 | 29.4  | 29.9 | 31.0 | 32.6 |    |       |    |    |    |    |
|         | S/T   | 0.88                                 | 0.81 | 0.68 | 0.54 | 1.00 | 0.81 | 0.68 | 0.54 | 1.00 | 0.84 | 0.71 | 0.57 | 1.00 | 0.86 | 0.72 | 0.59 | 1.00 | 0.88 | 0.75 | 0.61 | 1.00  | 1.00 | 0.80 | 0.66 |    |       |    |    |    |    |
|         | ΔT    | 27                                   | 25   | 22   | 18   | 27   | 25   | 22   | 18   | 27   | 25   | 22   | 18   | 27   | 25   | 22   | 18   | 27   | 25   | 21   | 18   | 28    | 26   | 23   | 19   |    |       |    |    |    |    |
|         | kW    | 1.93                                 | 1.93 | 1.92 | 1.94 | 2.17 | 2.17 | 2.16 | 2.18 | 2.44 | 2.43 | 2.43 | 2.45 | 2.72 | 2.72 | 2.72 | 2.74 | 3.05 | 3.04 | 3.04 | 3.06 | 3.42  | 3.42 | 3.42 | 3.44 |    |       |    |    |    |    |
|         | Amps  | 7.4                                  | 7.4  | 7.4  | 7.5  | 8.5  | 8.5  | 8.5  | 8.6  | 9.7  | 9.7  | 9.7  | 9.8  | 11.0 | 11.0 | 11.0 | 11.1 | 12.5 | 12.5 | 12.5 | 12.6 | 14.3  | 14.3 | 14.2 | 14.3 |    |       |    |    |    |    |
|         | Hi/PR | 246                                  | 247  | 249  | 253  | 284  | 285  | 287  | 291  | 324  | 326  | 327  | 331  | 368  | 369  | 371  | 375  | 415  | 416  | 417  | 422  | 464   | 465  | 467  | 471  |    |       |    |    |    |    |
| Lo/PR   | 118   | 119                                  | 122  | 127  | 125  | 127  | 129  | 134  | 131  | 133  | 136  | 141  | 137  | 138  | 141  | 146  | 142  | 143  | 146  | 151  | 148  | 150   | 152  | 157  |      |    |       |    |    |    |    |
| 80      | MBh   | 36.6                                 | 37.1 | 38.1 | 39.7 | 36.2 | 36.7 | 37.8 | 39.4 | 35.3 | 35.8 | 36.9 | 38.5 | 33.7 | 34.2 | 35.3 | 36.9 | 31.8 | 32.3 | 33.3 | 35.0 | 30.0  | 30.5 | 31.6 | 33.2 |    |       |    |    |    |    |
|         | S/T   | 0.92                                 | 0.85 | 0.72 | 0.58 | 1.00 | 0.85 | 0.72 | 0.58 | 1.00 | 0.88 | 0.75 | 0.61 | 1.00 | 0.90 | 0.77 | 0.63 | 1.00 | 0.92 | 0.79 | 0.65 | 1.00  | 1.00 | 0.84 | 0.70 |    |       |    |    |    |    |
|         | ΔT    | 26                                   | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 26   | 24   | 20   | 17   | 27    | 25   | 21   | 18   |    |       |    |    |    |    |
|         | kW    | 1.94                                 | 1.94 | 1.94 | 1.95 | 2.18 | 2.18 | 2.17 | 2.19 | 2.45 | 2.45 | 2.44 | 2.46 | 2.74 | 2.73 | 2.73 | 2.75 | 3.06 | 3.06 | 3.05 | 3.07 | 3.44  | 3.43 | 3.43 | 3.45 |    |       |    |    |    |    |
|         | Amps  | 7.5                                  | 7.5  | 7.4  | 7.5  | 8.6  | 8.6  | 8.5  | 8.6  | 9.8  | 9.8  | 9.8  | 9.8  | 11.1 | 11.1 | 11.1 | 11.2 | 12.6 | 12.6 | 12.5 | 12.6 | 14.3  | 14.3 | 14.3 | 14.4 |    |       |    |    |    |    |
|         | Hi/PR | 248                                  | 249  | 251  | 255  | 286  | 287  | 289  | 293  | 327  | 328  | 329  | 334  | 370  | 371  | 373  | 377  | 417  | 418  | 420  | 424  | 467   | 468  | 469  | 474  |    |       |    |    |    |    |
| Lo/PR   | 120   | 122                                  | 124  | 129  | 127  | 129  | 132  | 136  | 133  | 135  | 138  | 143  | 139  | 140  | 143  | 148  | 144  | 145  | 148  | 153  | 150  | 152   | 155  | 159  |      |    |       |    |    |    |    |
| 1350    | MBh   | 37.3                                 | 37.8 | 38.9 | 40.5 | 37.0 | 37.5 | 38.5 | 40.2 | 36.1 | 36.6 | 37.6 | 39.2 | 34.5 | 35.0 | 36.0 | 37.6 | 32.5 | 33.0 | 34.1 | 35.7 | 30.8  | 31.3 | 32.3 | 33.9 |    |       |    |    |    |    |
|         | S/T   | 1.00                                 | 0.86 | 0.73 | 0.59 | 1.00 | 0.87 | 0.74 | 0.60 | 1.00 | 0.89 | 0.76 | 0.62 | 1.00 | 0.91 | 0.78 | 0.64 | 1.00 | 1.00 | 0.80 | 0.66 | 1.00  | 1.00 | 0.85 | 0.71 |    |       |    |    |    |    |
|         | ΔT    | 25                                   | 23   | 20   | 16   | 25   | 23   | 20   | 16   | 25   | 23   | 20   | 16   | 25   | 23   | 20   | 16   | 25   | 23   | 19   | 16   | 26    | 24   | 21   | 17   |    |       |    |    |    |    |
|         | kW    | 1.95                                 | 1.95 | 1.95 | 1.96 | 2.19 | 2.19 | 2.18 | 2.20 | 2.46 | 2.46 | 2.45 | 2.47 | 2.75 | 2.74 | 2.74 | 2.76 | 3.07 | 3.07 | 3.06 | 3.08 | 3.45  | 3.44 | 3.44 | 3.46 |    |       |    |    |    |    |
|         | Amps  | 7.5                                  | 7.5  | 7.5  | 7.6  | 8.6  | 8.6  | 8.6  | 8.7  | 9.8  | 9.8  | 9.8  | 9.9  | 11.1 | 11.1 | 11.1 | 11.2 | 12.6 | 12.6 | 12.6 | 12.7 | 14.4  | 14.3 | 14.3 | 14.4 |    |       |    |    |    |    |
|         | Hi/PR | 250                                  | 251  | 253  | 257  | 289  | 290  | 291  | 296  | 329  | 330  | 332  | 336  | 372  | 373  | 375  | 379  | 419  | 420  | 422  | 426  | 469   | 470  | 472  | 476  |    |       |    |    |    |    |
| Lo/PR   | 122   | 124                                  | 127  | 132  | 130  | 131  | 134  | 139  | 136  | 137  | 140  | 145  | 141  | 142  | 145  | 150  | 146  | 148  | 150  | 155  | 153  | 154   | 157  | 162  |      |    |       |    |    |    |    |
| 1050    | MBh   | 36.6                                 | 37.1 | 38.1 | 39.7 | 36.2 | 36.7 | 37.8 | 39.4 | 35.3 | 35.8 | 36.9 | 38.5 | 33.7 | 34.2 | 35.3 | 36.9 | 31.8 | 32.3 | 33.3 | 35.0 | 30.0  | 30.5 | 31.6 | 33.2 |    |       |    |    |    |    |
|         | S/T   | 1.00                                 | 0.90 | 0.77 | 0.6  | 1.00 | 0.91 | 0.78 | 0.6  | 1.00 | 0.94 | 0.80 | 0.7  | 1.00 | 1.00 | 0.82 | 0.7  | 1.00 | 1.00 | 0.84 | 0.7  | 1.00  | 1.00 | 0.89 | 0.8  |    |       |    |    |    |    |
|         | ΔT    | 31                                   | 29   | 25   | 22   | 30   | 29   | 25   | 22   | 31   | 29   | 25   | 22   | 30   | 29   | 25   | 22   | 30   | 28   | 25   | 21   | 31    | 30   | 26   | 23   |    |       |    |    |    |    |
|         | kW    | 1.93                                 | 1.93 | 1.93 | 1.93 | 2.17 | 2.17 | 2.17 | 2.2  | 2.44 | 2.44 | 2.43 | 2.5  | 2.73 | 2.73 | 2.72 | 2.7  | 3.05 | 3.05 | 3.04 | 3.1  | 3.43  | 3.43 | 3.42 | 3.4  |    |       |    |    |    |    |
|         | Amps  | 7.4                                  | 7.4  | 7.4  | 7.5  | 8.5  | 8.5  | 8.5  | 8.6  | 9.7  | 9.7  | 9.7  | 9.8  | 11.1 | 11.1 | 11.0 | 11.1 | 12.5 | 12.5 | 12.5 | 12.6 | 14.3  | 14.3 | 14.2 | 14.3 |    |       |    |    |    |    |
|         | Hi/PR | 247                                  | 248  | 250  | 254  | 285  | 286  | 288  | 292  | 326  | 327  | 328  | 333  | 369  | 370  | 372  | 376  | 416  | 417  | 418  | 423  | 466   | 467  | 468  | 473  |    |       |    |    |    |    |
| Lo/PR   | 120   | 121                                  | 124  | 129  | 127  | 128  | 131  | 136  | 133  | 134  | 137  | 142  | 138  | 140  | 143  | 148  | 143  | 145  | 148  | 153  | 150  | 151   | 154  | 159  |      |    |       |    |    |    |    |
| 85      | MBh   | 37.2                                 | 37.7 | 38.7 | 40.3 | 36.8 | 37.3 | 38.4 | 40.0 | 35.9 | 36.4 | 37.5 | 39.1 | 34.3 | 34.8 | 35.9 | 37.5 | 32.4 | 32.9 | 33.9 | 35.6 | 30.6  | 31.1 | 32.2 | 33.8 |    |       |    |    |    |    |
|         | S/T   | 1.00                                 | 0.95 | 0.81 | 0.7  | 1.00 | 0.95 | 0.82 | 0.7  | 1.00 | 1.00 | 0.84 | 0.7  | 1.00 | 1.00 | 0.86 | 0.7  | 1.00 | 1.00 | 0.89 | 0.7  | 1.00  | 1.00 | 0.93 | 0.8  |    |       |    |    |    |    |
|         | ΔT    | 29                                   | 28   | 24   | 21   | 29   | 28   | 24   | 21   | 30   | 28   | 24   | 21   | 29   | 28   | 24   | 21   | 29   | 27   | 24   | 20   | 30    | 28   | 25   | 22   |    |       |    |    |    |    |
|         | kW    | 1.95                                 | 1.94 | 1.94 | 2.0  | 2.19 | 2.18 | 2.18 | 2.2  | 2.45 | 2.45 | 2.45 | 2.5  | 2.74 | 2.74 | 2.73 | 2.8  | 3.06 | 3.06 | 3.06 | 3.1  | 3.44  | 3.44 | 3.43 | 3.5  |    |       |    |    |    |    |
|         | Amps  | 7.5                                  | 7.5  | 7.5  | 7.5  | 8.6  | 8.6  | 8.6  | 8.6  | 9.8  | 9.8  | 9.8  | 9.9  | 11.1 | 11.1 | 11.1 | 11.2 | 12.6 | 12.6 | 12.6 | 12.7 | 14.3  | 14.3 | 14.3 | 14.4 |    |       |    |    |    |    |
|         | Hi/PR | 249                                  | 250  | 252  | 256  | 288  | 289  | 290  | 295  | 328  | 329  | 331  | 335  | 371  | 372  | 374  | 378  | 418  | 419  | 421  | 425  | 468   | 469  | 471  | 475  |    |       |    |    |    |    |
| Lo/PR   | 122   | 123                                  | 126  | 131  | 129  | 130  | 133  | 138  | 135  | 137  | 139  | 144  | 140  | 142  | 145  | 150  | 145  | 147  | 150  | 155  | 152  | 153   | 156  | 161  |      |    |       |    |    |    |    |
| 1350    | MBh   | 37.9                                 | 38.4 | 39.5 | 41.1 | 37.6 | 38.1 | 39.1 | 40.8 | 36.7 | 37.2 | 38.2 | 39.8 | 35.1 | 35.6 | 36.6 | 38.2 | 33.1 | 33.6 | 34.7 | 36.3 | 31.3  | 31.8 | 32.9 | 34.5 |    |       |    |    |    |    |
|         | S/T   | 1.00                                 | 0.96 | 0.83 | 0.7  | 1.00 | 0.97 | 0.83 | 0.7  | 1.00 | 1.00 | 0.86 | 0.7  | 1.00 | 1.00 | 0.88 | 0.7  | 1.00 | 1.00 | 0.90 | 0.8  | 1.00  | 1.00 | 0.8  |      |    |       |    |    |    |    |
|         | ΔT    | 29                                   | 27   | 23   | 20   | 28   | 27   | 23   | 20   | 29   | 27   | 24   | 20   | 28   | 27   | 23   | 20   | 28   | 26   | 23   | 19   | 29    | 28   | 24   | 21   |    |       |    |    |    |    |
|         | kW    | 1.96                                 | 1.95 | 1.95 | 2.0  | 2.20 | 2.19 | 2.19 | 2.2  | 2.46 | 2.46 | 2.46 | 2.5  | 2.75 | 2.75 | 2.74 | 2.8  | 3.07 | 3.07 | 3.07 | 3.1  | 3.45  | 3.45 | 3.44 | 3.5  |    |       |    |    |    |    |
|         | Amps  | 7.5                                  | 7.5  | 7.5  | 7.6  | 8.6  | 8.6  | 8.6  | 8.7  | 9.8  | 9.8  | 9.8  | 9.9  | 11.2 | 11.2 | 11.1 | 11.2 | 12.6 | 12.6 | 12.6 | 12.7 | 14.4  | 14.4 | 14.3 | 14.4 |    |       |    |    |    |    |
|         | Hi/PR | 251                                  | 252  | 254  | 258  | 290  | 291  | 293  | 297  | 330  | 331  | 333  | 337  | 373  | 375  | 376  | 380  | 420  | 421  | 423  | 427  | 470   | 471  | 473  | 477  |    |       |    |    |    |    |
| Lo/PR   | 124   | 126                                  | 129  | 134  | 131  | 133  | 136  | 141  | 137  | 139  | 142  | 147  | 143  | 144  | 147  | 152  | 148  | 149  | 152  | 157  | 154  | 156   | 159  | 164  |      |    |       |    |    |    |    |

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

COOLING DATA — DZ5SEA4210A\* + AMST42CU1400A\*

| IDB   | AIRFLOW | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |
|-------|---------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|
|       |         | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F |      |      |      | 105°F |      |      |      | 115°F |      |      |      |
|       |         | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |
| 70    | MBh     | 40.9                        | 41.4 | 42.6 | -    | 40.5 | 41.1 | 42.3 | -    | 39.4 | 40.0 | 41.2 | -    | 37.6 | 38.2 | 39.4 | -    | 35.4  | 35.9 | 37.2 | -    | 33.3  | 33.9 | 35.1 | -    |
|       | S/T     | 0.63                        | 0.56 | 0.42 | -    | 0.64 | 0.56 | 0.43 | -    | 0.66 | 0.59 | 0.45 | -    | 0.68 | 0.61 | 0.47 | -    | 1.00  | 0.63 | 0.49 | -    | 1.00  | 0.68 | 0.54 | -    |
|       | ΔT      | 19                          | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 19   | 17   | 14   | -    | 18    | 17   | 13   | -    | 19    | 18   | 14   | -    |
|       | kW      | 2.25                        | 2.24 | 2.24 | -    | 2.50 | 2.50 | 2.49 | -    | 2.78 | 2.78 | 2.77 | -    | 3.09 | 3.08 | 3.08 | -    | 3.43  | 3.43 | 3.42 | -    | 3.83  | 3.83 | 3.82 | -    |
|       | Amps    | 8.2                         | 8.2  | 8.2  | -    | 9.4  | 9.4  | 9.3  | -    | 10.7 | 10.7 | 10.6 | -    | 12.1 | 12.1 | 12.0 | -    | 13.6  | 13.6 | 13.6 | -    | 15.5  | 15.4 | 15.4 | -    |
|       | Hi PR   | 240                         | 241  | 243  | -    | 278  | 279  | 281  | -    | 318  | 319  | 321  | -    | 361  | 362  | 363  | -    | 407   | 408  | 409  | -    | 456   | 457  | 458  | -    |
|       | Lo PR   | 120                         | 121  | 124  | -    | 127  | 129  | 132  | -    | 134  | 135  | 138  | -    | 139  | 140  | 143  | -    | 144   | 146  | 149  | -    | 151   | 152  | 155  | -    |
|       | MBh     | 41.2                        | 41.8 | 43.0 | -    | 40.9 | 41.4 | 42.7 | -    | 39.8 | 40.4 | 41.6 | -    | 38.0 | 38.5 | 39.8 | -    | 35.7  | 36.3 | 37.5 | -    | 33.7  | 34.3 | 35.5 | -    |
|       | S/T     | 0.67                        | 0.59 | 0.46 | -    | 0.68 | 0.60 | 0.46 | -    | 0.70 | 0.63 | 0.49 | -    | 0.72 | 0.64 | 0.51 | -    | 1.00  | 0.67 | 0.53 | -    | 1.00  | 0.72 | 0.58 | -    |
|       | ΔT      | 18                          | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18    | 16   | 13   | -    | 19    | 17   | 14   | -    |
| kW    | 2.26    | 2.25                        | 2.25 | -    | 2.51 | 2.51 | 2.50 | -    | 2.79 | 2.79 | 2.78 | -    | 3.10 | 3.09 | 3.09 | -    | 3.44 | 3.43  | 3.43 | -    | 3.84 | 3.83  | 3.83 | -    |      |
| Amps  | 8.3     | 8.2                         | 8.2  | -    | 9.4  | 9.4  | 9.4  | -    | 10.7 | 10.7 | 10.7 | -    | 12.1 | 12.1 | 12.1 | -    | 13.7 | 13.7  | 13.6 | -    | 15.5 | 15.5  | 15.5 | -    |      |
| Hi PR | 242     | 243                         | 245  | -    | 280  | 281  | 282  | -    | 319  | 320  | 322  | -    | 362  | 363  | 365  | -    | 408  | 409   | 411  | -    | 457  | 458   | 460  | -    |      |
| Lo PR | 121     | 123                         | 126  | -    | 128  | 130  | 133  | -    | 135  | 136  | 139  | -    | 140  | 142  | 145  | -    | 145  | 147   | 150  | -    | 152  | 154   | 157  | -    |      |
| MBh   | 42.2    | 42.7                        | 44.0 | -    | 41.8 | 42.4 | 43.6 | -    | 40.7 | 41.3 | 42.5 | -    | 38.9 | 39.5 | 40.7 | -    | 36.7 | 37.3  | 38.5 | -    | 34.6 | 35.2  | 36.4 | -    |      |
| S/T   | 0.71    | 0.63                        | 0.50 | -    | 0.72 | 0.64 | 0.50 | -    | 0.74 | 0.67 | 0.53 | -    | 0.76 | 0.69 | 0.55 | -    | 1.00 | 0.71  | 0.57 | -    | 1.00 | 0.76  | 0.62 | -    |      |
| ΔT    | 17      | 15                          | 12   | -    | 17   | 15   | 12   | -    | 17   | 15   | 12   | -    | 17   | 15   | 12   | -    | 16   | 15    | 11   | -    | 18   | 16    | 12   | -    |      |
| kW    | 2.27    | 2.27                        | 2.26 | -    | 2.52 | 2.52 | 2.52 | -    | 2.81 | 2.80 | 2.80 | -    | 3.11 | 3.11 | 3.10 | -    | 3.45 | 3.45  | 3.45 | -    | 3.85 | 3.85  | 3.85 | -    |      |
| Amps  | 8.3     | 8.3                         | 8.3  | -    | 9.5  | 9.5  | 9.5  | -    | 10.8 | 10.8 | 10.7 | -    | 12.2 | 12.2 | 12.1 | -    | 13.7 | 13.7  | 13.7 | -    | 15.6 | 15.6  | 15.5 | -    |      |
| Hi PR | 245     | 246                         | 247  | -    | 282  | 283  | 285  | -    | 322  | 323  | 325  | -    | 365  | 366  | 368  | -    | 411  | 412   | 414  | -    | 460  | 461   | 463  | -    |      |
| Lo PR | 124     | 125                         | 128  | -    | 131  | 133  | 136  | -    | 138  | 139  | 142  | -    | 143  | 144  | 148  | -    | 148  | 150   | 153  | -    | 155  | 156   | 159  | -    |      |
| 75    | MBh     | 40.9                        | 41.5 | 42.7 | 44.5 | 40.5 | 41.1 | 42.3 | 44.2 | 39.4 | 40.0 | 41.2 | 43.1 | 37.6 | 38.2 | 39.4 | 41.3 | 35.4  | 36.0 | 37.2 | 39.0 | 33.3  | 33.9 | 35.1 | 37.0 |
|       | S/T     | 0.76                        | 0.69 | 0.55 | 0.40 | 0.77 | 0.69 | 0.55 | 0.41 | 1.00 | 0.72 | 0.58 | 0.44 | 1.00 | 0.74 | 0.60 | 0.46 | 1.00  | 0.76 | 0.62 | 0.48 | 1.00  | 0.81 | 0.67 | 0.53 |
|       | ΔT      | 23                          | 21   | 17   | 14   | 22   | 21   | 17   | 14   | 23   | 21   | 18   | 14   | 22   | 21   | 17   | 14   | 22    | 20   | 17   | 14   | 23    | 22   | 18   | 15   |
|       | kW      | 2.24                        | 2.24 | 2.24 | 2.26 | 2.50 | 2.50 | 2.49 | 2.51 | 2.78 | 2.78 | 2.77 | 2.79 | 3.08 | 3.08 | 3.08 | 3.10 | 3.43  | 3.42 | 3.42 | 3.44 | 3.83  | 3.82 | 3.82 | 3.84 |
|       | Amps    | 8.2                         | 8.2  | 8.2  | 8.3  | 9.4  | 9.4  | 9.3  | 9.4  | 10.7 | 10.6 | 10.6 | 10.7 | 12.1 | 12.0 | 12.0 | 12.1 | 13.6  | 13.6 | 13.6 | 13.7 | 15.4  | 15.4 | 15.4 | 15.5 |
|       | Hi PR   | 241                         | 242  | 243  | 248  | 278  | 280  | 281  | 285  | 318  | 319  | 321  | 325  | 361  | 362  | 364  | 368  | 407   | 408  | 410  | 414  | 456   | 457  | 459  | 463  |
|       | Lo PR   | 120                         | 121  | 124  | 130  | 127  | 129  | 132  | 137  | 134  | 135  | 138  | 143  | 139  | 140  | 144  | 149  | 144   | 146  | 149  | 154  | 151   | 152  | 155  | 160  |
|       | MBh     | 41.3                        | 41.8 | 43.0 | 44.9 | 40.9 | 41.5 | 42.7 | 44.5 | 39.8 | 40.4 | 41.6 | 43.5 | 38.0 | 38.6 | 39.8 | 41.6 | 35.8  | 36.3 | 37.6 | 39.4 | 33.7  | 34.3 | 35.5 | 37.4 |
|       | S/T     | 0.80                        | 0.72 | 0.59 | 0.44 | 0.81 | 0.73 | 0.59 | 0.45 | 1.00 | 0.75 | 0.62 | 0.47 | 1.00 | 0.77 | 0.64 | 0.49 | 1.00  | 0.80 | 0.66 | 0.52 | 1.00  | 0.85 | 0.71 | 0.57 |
|       | ΔT      | 22                          | 20   | 17   | 13   | 22   | 20   | 17   | 13   | 22   | 20   | 17   | 14   | 22   | 20   | 17   | 13   | 22    | 20   | 16   | 13   | 23    | 21   | 18   | 14   |
| kW    | 2.25    | 2.25                        | 2.25 | 2.27 | 2.51 | 2.50 | 2.50 | 2.52 | 2.79 | 2.79 | 2.78 | 2.80 | 3.09 | 3.09 | 3.09 | 3.11 | 3.43 | 3.43  | 3.43 | 3.45 | 3.84 | 3.83  | 3.83 | 3.85 |      |
| Amps  | 8.2     | 8.2                         | 8.2  | 8.3  | 9.4  | 9.4  | 9.4  | 9.5  | 10.7 | 10.7 | 10.7 | 10.8 | 12.1 | 12.1 | 12.1 | 12.2 | 13.7 | 13.6  | 13.6 | 13.7 | 15.5 | 15.5  | 15.5 | 15.5 |      |
| Hi PR | 242     | 243                         | 245  | 249  | 280  | 281  | 283  | 287  | 320  | 321  | 322  | 326  | 362  | 363  | 365  | 369  | 408  | 409   | 411  | 415  | 457  | 458   | 460  | 464  |      |
| Lo PR | 121     | 123                         | 126  | 131  | 128  | 130  | 133  | 138  | 135  | 136  | 139  | 144  | 140  | 142  | 145  | 150  | 145  | 147   | 150  | 155  | 152  | 154   | 157  | 162  |      |
| MBh   | 42.2    | 42.8                        | 44.0 | 45.8 | 41.8 | 42.4 | 43.6 | 45.5 | 40.8 | 41.3 | 42.6 | 44.4 | 38.9 | 39.5 | 40.7 | 42.6 | 36.7 | 37.3  | 38.5 | 40.3 | 34.7 | 35.2  | 36.5 | 38.3 |      |
| S/T   | 0.84    | 0.76                        | 0.63 | 0.48 | 0.85 | 0.77 | 0.63 | 0.49 | 1.00 | 0.80 | 0.66 | 0.52 | 1.00 | 0.82 | 0.68 | 0.54 | 1.00 | 0.84  | 0.70 | 0.56 | 1.00 | 1.00  | 0.75 | 0.61 |      |
| ΔT    | 21      | 19                          | 16   | 12   | 21   | 19   | 15   | 12   | 21   | 19   | 16   | 12   | 21   | 19   | 15   | 12   | 20   | 19    | 15   | 12   | 21   | 20    | 16   | 13   |      |
| kW    | 2.27    | 2.27                        | 2.26 | 2.28 | 2.52 | 2.52 | 2.51 | 2.53 | 2.80 | 2.80 | 2.80 | 2.82 | 3.11 | 3.11 | 3.10 | 3.12 | 3.45 | 3.45  | 3.44 | 3.46 | 3.85 | 3.85  | 3.84 | 3.86 |      |
| Amps  | 8.3     | 8.3                         | 8.3  | 8.4  | 9.5  | 9.5  | 9.4  | 9.5  | 10.8 | 10.8 | 10.7 | 10.8 | 12.2 | 12.2 | 12.1 | 12.2 | 13.7 | 13.7  | 13.7 | 13.8 | 15.6 | 15.5  | 15.5 | 15.6 |      |
| Hi PR | 245     | 246                         | 248  | 252  | 283  | 284  | 285  | 290  | 322  | 323  | 325  | 329  | 365  | 366  | 368  | 372  | 411  | 412   | 414  | 418  | 460  | 461   | 463  | 467  |      |
| Lo PR | 124     | 125                         | 129  | 134  | 131  | 133  | 136  | 141  | 138  | 139  | 142  | 147  | 143  | 144  | 148  | 153  | 148  | 150   | 153  | 158  | 155  | 156   | 159  | 165  |      |

Shaded area reflects ACCA (TVA) Rating Conditions.  
 kW = Total system power  
 Amps = Outdoor unit amps (compressor + fan)

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.

COOLING DATA — DZ5SEA4210A\* + AMST42CU1400A\* (CONT.)

| IDB         |             | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |      |
|-------------|-------------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|------|
|             |             | 65°F                        |      |      |      | 75°F |      |      |      | 85°F |      |      |      | 95°F |      |      |      | 105°F |      |      |      | 115°F |      |      |      |      |
|             |             | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   | 59    | 63   | 67   | 71   |      |
| <b>1225</b> | MBh         | 41.1                        | 41.7 | 42.9 | 44.7 | 40.7 | 41.3 | 42.5 | 44.4 | 39.7 | 40.2 | 41.5 | 43.3 | 37.8 | 38.4 | 39.6 | 41.5 | 35.6  | 36.2 | 37.4 | 39.2 | 33.6  | 34.1 | 35.3 | 37.2 |      |
|             | S/T         | 0.89                        | 0.81 | 0.67 | 0.53 | 1.00 | 0.82 | 0.68 | 0.54 | 1.00 | 0.84 | 0.71 | 0.56 | 1.00 | 0.86 | 0.73 | 0.58 | 1.00  | 1.00 | 0.75 | 0.60 | 1.00  | 1.00 | 0.80 | 0.66 |      |
|             | ΔT          | 26                          | 25   | 21   | 18   | 26   | 25   | 22   | 18   | 27   | 25   | 22   | 18   | 26   | 25   | 21   | 18   | 26    | 24   | 21   | 18   | 27    | 25   | 22   | 19   |      |
|             | kW          | 2.25                        | 2.24 | 2.24 | 2.26 | 2.50 | 2.50 | 2.49 | 2.51 | 2.78 | 2.78 | 2.77 | 2.79 | 3.09 | 3.08 | 3.08 | 3.10 | 3.43  | 3.43 | 3.42 | 3.44 | 3.83  | 3.83 | 3.82 | 3.84 |      |
|             | Amps        | 8.2                         | 8.2  | 8.2  | 8.3  | 9.4  | 9.4  | 9.3  | 9.4  | 10.7 | 10.7 | 10.6 | 10.7 | 12.1 | 12.1 | 12.0 | 12.1 | 13.6  | 13.6 | 13.6 | 13.7 | 15.5  | 15.4 | 15.4 | 15.5 |      |
|             | Hi PR       | 241                         | 242  | 244  | 248  | 279  | 280  | 282  | 286  | 319  | 320  | 321  | 325  | 361  | 362  | 364  | 368  | 407   | 408  | 410  | 414  | 456   | 457  | 459  | 463  |      |
|             | Lo PR       | 121                         | 122  | 125  | 130  | 128  | 129  | 132  | 137  | 134  | 136  | 139  | 144  | 140  | 141  | 144  | 149  | 145   | 146  | 149  | 154  | 151   | 153  | 156  | 161  |      |
|             | <b>1340</b> | MBh                         | 41.5 | 42.0 | 43.3 | 45.1 | 41.1 | 41.7 | 42.9 | 44.7 | 40.0 | 40.6 | 41.8 | 43.7 | 38.2 | 38.8 | 40.0 | 41.9  | 36.0 | 36.5 | 37.8 | 39.6  | 33.9 | 34.5 | 35.7 | 37.6 |
|             |             | S/T                         | 0.93 | 0.85 | 0.71 | 0.57 | 1.00 | 0.86 | 0.72 | 0.58 | 1.00 | 0.88 | 0.74 | 0.60 | 1.00 | 0.90 | 0.76 | 0.62  | 1.00 | 1.00 | 0.79 | 0.64  | 1.00 | 1.00 | 0.84 | 0.69 |
|             |             | ΔT                          | 26   | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 26   | 24   | 21   | 17    | 25   | 24   | 20   | 17    | 26   | 25   | 21   | 18   |
| kW          |             | 2.25                        | 2.25 | 2.25 | 2.27 | 2.51 | 2.51 | 2.50 | 2.52 | 2.79 | 2.79 | 2.78 | 2.80 | 3.10 | 3.09 | 3.09 | 3.11 | 3.44  | 3.43 | 3.43 | 3.45 | 3.84  | 3.83 | 3.83 | 3.85 |      |
| Amps        |             | 8.3                         | 8.2  | 8.2  | 8.3  | 9.4  | 9.4  | 9.4  | 9.5  | 10.7 | 10.7 | 10.7 | 10.8 | 12.1 | 12.1 | 12.1 | 12.2 | 13.7  | 13.7 | 13.6 | 13.7 | 15.5  | 15.5 | 15.5 | 15.6 |      |
| Hi PR       |             | 242                         | 244  | 245  | 249  | 280  | 281  | 283  | 287  | 320  | 321  | 323  | 327  | 363  | 364  | 365  | 370  | 409   | 410  | 411  | 416  | 458   | 459  | 461  | 465  |      |
| Lo PR       |             | 122                         | 123  | 126  | 131  | 129  | 130  | 134  | 139  | 135  | 137  | 140  | 145  | 141  | 142  | 145  | 150  | 146   | 147  | 151  | 156  | 153   | 154  | 157  | 162  |      |
| <b>1575</b> |             | MBh                         | 42.4 | 43.0 | 44.2 | 46.0 | 42.0 | 42.6 | 43.8 | 45.7 | 41.0 | 41.5 | 42.8 | 44.6 | 39.1 | 39.7 | 40.9 | 42.8  | 36.9 | 37.5 | 38.7 | 40.6  | 34.9 | 35.4 | 36.7 | 38.5 |
|             |             | S/T                         | 1.00 | 0.89 | 0.75 | 0.61 | 1.00 | 0.90 | 0.76 | 0.62 | 1.00 | 0.92 | 0.79 | 0.64 | 1.00 | 0.94 | 0.81 | 0.66  | 1.00 | 1.00 | 0.83 | 0.68  | 1.00 | 1.00 | 0.88 | 0.74 |
|             |             | ΔT                          | 24   | 23   | 19   | 16   | 24   | 23   | 19   | 16   | 25   | 23   | 20   | 16   | 24   | 23   | 19   | 16    | 24   | 22   | 19   | 16    | 25   | 24   | 20   | 17   |
|             | kW          | 2.27                        | 2.27 | 2.26 | 2.28 | 2.52 | 2.52 | 2.52 | 2.54 | 2.80 | 2.80 | 2.80 | 2.82 | 3.11 | 3.11 | 3.10 | 3.12 | 3.45  | 3.45 | 3.44 | 3.46 | 3.85  | 3.85 | 3.85 | 3.86 |      |
|             | Amps        | 8.3                         | 8.3  | 8.3  | 8.4  | 9.5  | 9.5  | 9.5  | 9.5  | 10.8 | 10.8 | 10.7 | 10.8 | 12.2 | 12.2 | 12.1 | 12.2 | 13.7  | 13.7 | 13.7 | 13.8 | 15.6  | 15.6 | 15.5 | 15.6 |      |
|             | Hi PR       | 245                         | 246  | 248  | 252  | 283  | 284  | 286  | 290  | 323  | 324  | 325  | 330  | 365  | 366  | 368  | 372  | 411   | 412  | 414  | 418  | 461   | 462  | 463  | 467  |      |
|             | Lo PR       | 125                         | 126  | 129  | 134  | 132  | 133  | 136  | 141  | 138  | 140  | 143  | 148  | 144  | 145  | 148  | 153  | 149   | 150  | 153  | 158  | 155   | 157  | 160  | 165  |      |

|             |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <b>1225</b> | MBh         | 41.8 | 42.3 | 43.6 | 45.4 | 41.4 | 42.0 | 43.2 | 45.1 | 40.3 | 40.9 | 42.1 | 44.0 | 38.5 | 39.1 | 40.3 | 42.2 | 36.3 | 36.9 | 38.1 | 39.9 | 34.2 | 34.8 | 36.0 | 37.9 |      |
|             | S/T         | 1.00 | 0.91 | 0.78 | 0.6  | 1.00 | 0.92 | 0.78 | 0.6  | 1.00 | 1.00 | 0.81 | 0.7  | 1.00 | 1.00 | 0.83 | 0.7  | 1.00 | 1.00 | 0.85 | 0.7  | 1.00 | 1.00 | 0.90 | 0.8  |      |
|             | ΔT          | 30   | 28   | 25   | 21   | 30   | 28   | 25   | 21   | 30   | 28   | 25   | 22   | 30   | 28   | 25   | 21   | 30   | 28   | 25   | 21   | 31   | 29   | 26   | 22   |      |
|             | kW          | 2.25 | 2.25 | 2.24 | 2.3  | 2.50 | 2.50 | 2.50 | 2.5  | 2.79 | 2.78 | 2.78 | 2.8  | 3.09 | 3.09 | 3.08 | 3.1  | 3.43 | 3.43 | 3.43 | 3.4  | 3.83 | 3.83 | 3.83 | 3.8  |      |
|             | Amps        | 8.2  | 8.2  | 8.2  | 8.3  | 9.4  | 9.4  | 9.4  | 9.5  | 10.7 | 10.7 | 10.7 | 10.7 | 12.1 | 12.1 | 12.1 | 12.1 | 13.6 | 13.6 | 13.6 | 13.7 | 15.5 | 15.5 | 15.4 | 15.5 |      |
|             | Hi PR       | 242  | 243  | 245  | 249  | 280  | 281  | 283  | 287  | 320  | 321  | 322  | 327  | 362  | 363  | 365  | 369  | 408  | 409  | 411  | 415  | 458  | 459  | 460  | 464  |      |
|             | Lo PR       | 122  | 124  | 127  | 132  | 130  | 131  | 134  | 139  | 136  | 137  | 140  | 146  | 141  | 143  | 146  | 151  | 147  | 148  | 151  | 156  | 153  | 155  | 158  | 163  |      |
|             | <b>1340</b> | MBh  | 42.2 | 42.7 | 43.9 | 45.8 | 41.8 | 42.4 | 43.6 | 45.4 | 40.7 | 41.3 | 42.5 | 44.4 | 38.9 | 39.5 | 40.7 | 42.5 | 36.7 | 37.2 | 38.5 | 40.3 | 34.6 | 35.2 | 36.4 | 38.3 |
|             |             | S/T  | 1.00 | 0.95 | 0.82 | 0.7  | 1.00 | 0.96 | 0.82 | 0.7  | 1.00 | 1.00 | 0.85 | 0.7  | 1.00 | 1.00 | 0.87 | 0.7  | 1.00 | 1.00 | 0.89 | 0.7  | 1.00 | 1.00 | 1.00 | 0.8  |
|             |             | ΔT   | 29   | 27   | 24   | 21   | 29   | 27   | 24   | 21   | 29   | 28   | 24   | 21   | 29   | 27   | 24   | 21   | 29   | 27   | 24   | 20   | 30   | 28   | 25   | 22   |
| kW          |             | 2.26 | 2.26 | 2.25 | 2.3  | 2.51 | 2.51 | 2.51 | 2.5  | 2.79 | 2.79 | 2.79 | 2.8  | 3.10 | 3.10 | 3.09 | 3.1  | 3.44 | 3.44 | 3.43 | 3.5  | 3.84 | 3.84 | 3.83 | 3.9  |      |
| Amps        |             | 8.3  | 8.3  | 8.2  | 8.3  | 9.4  | 9.4  | 9.4  | 9.5  | 10.7 | 10.7 | 10.7 | 10.8 | 12.1 | 12.1 | 12.1 | 12.2 | 13.7 | 13.7 | 13.7 | 13.7 | 15.5 | 15.5 | 15.5 | 15.6 |      |
| Hi PR       |             | 244  | 245  | 246  | 251  | 281  | 282  | 284  | 288  | 321  | 322  | 324  | 328  | 364  | 365  | 366  | 371  | 410  | 411  | 413  | 417  | 459  | 460  | 462  | 466  |      |
| Lo PR       |             | 124  | 125  | 128  | 133  | 131  | 132  | 135  | 140  | 137  | 139  | 142  | 147  | 143  | 144  | 147  | 152  | 148  | 149  | 152  | 157  | 154  | 156  | 159  | 164  |      |
| <b>1575</b> |             | MBh  | 43.1 | 43.7 | 44.9 | 46.7 | 42.7 | 43.3 | 44.5 | 46.4 | 41.7 | 42.2 | 43.4 | 45.3 | 39.8 | 40.4 | 41.6 | 43.5 | 37.6 | 38.2 | 39.4 | 41.2 | 35.6 | 36.1 | 37.3 | 39.2 |
|             |             | S/T  | 1.00 | 0.99 | 0.86 | 0.7  | 1.00 | 1.00 | 0.86 | 0.7  | 1.00 | 1.00 | 0.89 | 0.7  | 1.00 | 1.00 | 0.91 | 0.8  | 1.00 | 1.00 | 0.93 | 0.8  | 1.00 | 1.00 | 1.00 | 0.8  |
|             |             | ΔT   | 28   | 26   | 23   | 19   | 28   | 26   | 23   | 19   | 28   | 26   | 23   | 20   | 28   | 26   | 23   | 19   | 28   | 26   | 23   | 19   | 29   | 27   | 24   | 20   |
|             | kW          | 2.27 | 2.27 | 2.27 | 2.3  | 2.53 | 2.53 | 2.52 | 2.5  | 2.81 | 2.81 | 2.80 | 2.8  | 3.11 | 3.11 | 3.11 | 3.1  | 3.46 | 3.45 | 3.45 | 3.5  | 3.86 | 3.85 | 3.85 | 3.9  |      |
|             | Amps        | 8.3  | 8.3  | 8.3  | 8.4  | 9.5  | 9.5  | 9.5  | 9.6  | 10.8 | 10.8 | 10.8 | 10.9 | 12.2 | 12.2 | 12.2 | 12.3 | 13.8 | 13.7 | 13.7 | 13.8 | 15.6 | 15.6 | 15.6 | 15.6 |      |
|             | Hi PR       | 246  | 247  | 249  | 253  | 284  | 285  | 287  | 291  | 324  | 325  | 327  | 331  | 367  | 368  | 369  | 373  | 413  | 414  | 415  | 419  | 462  | 463  | 464  | 469  |      |
|             | Lo PR       | 126  | 128  | 131  | 136  | 134  | 135  | 138  | 143  | 140  | 141  | 144  | 150  | 145  | 147  | 150  | 155  | 151  | 152  | 155  | 160  | 157  | 159  | 162  | 167  |      |

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

COOLING DATA — DZ5SEA4810A\* + AMST48CU1400A\*

| IDB     |  | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |  |  |  |       |  |  |  |  |  |  |
|---------|--|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|--|--|--|-------|--|--|--|--|--|--|
|         |  | 65°F                        |      |      |      |      |      |      | 75°F |      |      |      |      |      |      | 85°F |      |      |      |      |      |      | 95°F |      |      |      |      |      |      | 105°F |      |      |      |  |  |  | 115°F |  |  |  |  |  |  |
|         |  | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   |  |  |  |       |  |  |  |  |  |  |
| AIRFLOW |  | 46.9                        | 47.5 | 48.9 | -    | 46.4 | 47.1 | 48.5 | -    | 45.2 | 45.9 | 47.3 | -    | 43.2 | 43.8 | 45.2 | -    | 40.6 | 41.3 | 42.7 | -    | 38.3 | 39.0 | 40.3 | -    | 40.6 | 41.3 | 42.7 | -    | 38.3  | 39.0 | 40.3 | -    |  |  |  |       |  |  |  |  |  |  |
| MBh     |  | 0.65                        | 0.57 | 0.44 | -    | 0.66 | 0.58 | 0.45 | -    | 0.68 | 0.61 | 0.47 | -    | 0.70 | 0.62 | 0.49 | -    | 1.00 | 0.65 | 0.51 | -    | 1.00 | 0.70 | 0.56 | -    | 1.00 | 0.65 | 0.51 | -    | 1.00  | 0.70 | 0.56 | -    |  |  |  |       |  |  |  |  |  |  |
| S/T     |  | 19                          | 17   | 13   | -    | 18   | 17   | 13   | -    | 18   | 17   | 14   | -    | 18   | 17   | 13   | -    | 18   | 16   | 13   | -    | 19   | 18   | 14   | -    | 18   | 16   | 13   | -    | 19    | 18   | 14   | -    |  |  |  |       |  |  |  |  |  |  |
| ΔT      |  | 2.52                        | 2.52 | 2.51 | -    | 2.81 | 2.81 | 2.81 | -    | 3.14 | 3.14 | 3.13 | -    | 3.50 | 3.49 | 3.49 | -    | 3.89 | 3.89 | 3.88 | -    | 4.35 | 4.35 | 4.35 | -    | 3.89 | 3.89 | 3.88 | -    | 4.35  | 4.35 | 4.35 | -    |  |  |  |       |  |  |  |  |  |  |
| kW      |  | 9.4                         | 9.3  | 9.3  | -    | 10.7 | 10.7 | 10.7 | -    | 12.2 | 12.2 | 12.2 | -    | 13.8 | 13.8 | 13.8 | -    | 15.6 | 15.6 | 15.6 | -    | 17.7 | 17.7 | 17.7 | -    | 15.6 | 15.6 | 15.6 | -    | 17.7  | 17.7 | 17.7 | -    |  |  |  |       |  |  |  |  |  |  |
| Amps    |  | 244                         | 245  | 247  | -    | 282  | 283  | 285  | -    | 322  | 323  | 325  | -    | 365  | 366  | 368  | -    | 412  | 413  | 414  | -    | 461  | 462  | 464  | -    | 412  | 413  | 414  | -    | 461   | 462  | 464  | -    |  |  |  |       |  |  |  |  |  |  |
| Hi-PR   |  | 120                         | 122  | 125  | -    | 128  | 129  | 132  | -    | 134  | 136  | 139  | -    | 139  | 141  | 144  | -    | 145  | 146  | 149  | -    | 151  | 153  | 156  | -    | 145  | 146  | 149  | -    | 151   | 153  | 156  | -    |  |  |  |       |  |  |  |  |  |  |
| Lo-PR   |  | 47.4                        | 48.1 | 49.5 | -    | 47.0 | 47.7 | 49.1 | -    | 45.8 | 46.5 | 47.9 | -    | 43.7 | 44.4 | 45.8 | -    | 41.2 | 41.9 | 43.2 | -    | 38.9 | 39.5 | 40.9 | -    | 41.2 | 41.9 | 43.2 | -    | 38.9  | 39.5 | 40.9 | -    |  |  |  |       |  |  |  |  |  |  |
| MBh     |  | 0.68                        | 0.60 | 0.47 | -    | 0.69 | 0.61 | 0.48 | -    | 0.71 | 0.64 | 0.50 | -    | 0.73 | 0.65 | 0.52 | -    | 1.00 | 0.68 | 0.54 | -    | 1.00 | 0.73 | 0.59 | -    | 1.00 | 0.68 | 0.54 | -    | 1.00  | 0.73 | 0.59 | -    |  |  |  |       |  |  |  |  |  |  |
| S/T     |  | 18                          | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 18   | 16   | 13   | -    | 17   | 16   | 12   | -    | 19   | 17   | 13   | -    | 17   | 16   | 12   | -    | 19    | 17   | 13   | -    |  |  |  |       |  |  |  |  |  |  |
| ΔT      |  | 2.53                        | 2.53 | 2.52 | -    | 2.82 | 2.82 | 2.82 | -    | 3.15 | 3.15 | 3.14 | -    | 3.51 | 3.50 | 3.50 | -    | 3.90 | 3.90 | 3.89 | -    | 4.37 | 4.36 | 4.36 | -    | 3.90 | 3.90 | 3.89 | -    | 4.37  | 4.36 | 4.36 | -    |  |  |  |       |  |  |  |  |  |  |
| kW      |  | 9.4                         | 9.4  | 9.4  | -    | 10.7 | 10.7 | 10.7 | -    | 12.2 | 12.2 | 12.2 | -    | 13.9 | 13.8 | 13.8 | -    | 15.7 | 15.7 | 15.6 | -    | 17.8 | 17.8 | 17.8 | -    | 15.7 | 15.7 | 15.6 | -    | 17.8  | 17.8 | 17.8 | -    |  |  |  |       |  |  |  |  |  |  |
| Amps    |  | 245                         | 247  | 248  | -    | 284  | 285  | 286  | -    | 324  | 325  | 326  | -    | 367  | 368  | 369  | -    | 413  | 414  | 416  | -    | 463  | 464  | 465  | -    | 413  | 414  | 416  | -    | 463   | 464  | 465  | -    |  |  |  |       |  |  |  |  |  |  |
| Hi-PR   |  | 122                         | 124  | 127  | -    | 129  | 131  | 134  | -    | 136  | 137  | 140  | -    | 141  | 142  | 145  | -    | 146  | 148  | 151  | -    | 153  | 154  | 157  | -    | 146  | 148  | 151  | -    | 153   | 154  | 157  | -    |  |  |  |       |  |  |  |  |  |  |
| Lo-PR   |  | 48.4                        | 49.0 | 50.4 | -    | 48.0 | 48.6 | 50.0 | -    | 46.8 | 47.4 | 48.8 | -    | 44.7 | 45.3 | 46.7 | -    | 42.1 | 42.8 | 44.2 | -    | 39.8 | 40.5 | 41.8 | -    | 42.1 | 42.8 | 44.2 | -    | 39.8  | 40.5 | 41.8 | -    |  |  |  |       |  |  |  |  |  |  |
| MBh     |  | 0.70                        | 0.62 | 0.49 | -    | 0.70 | 0.63 | 0.49 | -    | 0.73 | 0.65 | 0.52 | -    | 1.00 | 0.67 | 0.54 | -    | 1.00 | 0.69 | 0.56 | -    | 1.00 | 0.74 | 0.61 | -    | 1.00 | 0.69 | 0.56 | -    | 1.00  | 0.74 | 0.61 | -    |  |  |  |       |  |  |  |  |  |  |
| S/T     |  | 17                          | 15   | 12   | -    | 17   | 15   | 12   | -    | 17   | 15   | 12   | -    | 17   | 15   | 12   | -    | 17   | 15   | 11   | -    | 18   | 16   | 12   | -    | 17   | 15   | 11   | -    | 18    | 16   | 12   | -    |  |  |  |       |  |  |  |  |  |  |
| ΔT      |  | 2.54                        | 2.54 | 2.54 | -    | 2.84 | 2.84 | 2.83 | -    | 3.16 | 3.16 | 3.16 | -    | 3.52 | 3.52 | 3.51 | -    | 3.91 | 3.91 | 3.91 | -    | 4.38 | 4.38 | 4.37 | -    | 3.91 | 3.91 | 3.91 | -    | 4.38  | 4.38 | 4.37 | -    |  |  |  |       |  |  |  |  |  |  |
| kW      |  | 9.5                         | 9.4  | 9.4  | -    | 10.8 | 10.8 | 10.8 | -    | 12.3 | 12.3 | 12.3 | -    | 13.9 | 13.9 | 13.9 | -    | 15.7 | 15.7 | 15.7 | -    | 17.8 | 17.8 | 17.8 | -    | 15.7 | 15.7 | 15.7 | -    | 17.8  | 17.8 | 17.8 | -    |  |  |  |       |  |  |  |  |  |  |
| Amps    |  | 248                         | 249  | 250  | -    | 286  | 287  | 289  | -    | 326  | 327  | 329  | -    | 369  | 370  | 372  | -    | 415  | 416  | 418  | -    | 465  | 466  | 468  | -    | 415  | 416  | 418  | -    | 465   | 466  | 468  | -    |  |  |  |       |  |  |  |  |  |  |
| Hi-PR   |  | 124                         | 126  | 129  | -    | 132  | 133  | 136  | -    | 138  | 139  | 142  | -    | 143  | 145  | 148  | -    | 149  | 150  | 153  | -    | 155  | 157  | 160  | -    | 149  | 150  | 153  | -    | 155   | 157  | 160  | -    |  |  |  |       |  |  |  |  |  |  |
| Lo-PR   |  | 46.9                        | 47.5 | 48.9 | 51.0 | 46.5 | 47.1 | 48.5 | 50.6 | 45.3 | 45.9 | 47.3 | 49.4 | 43.2 | 43.8 | 45.2 | 47.3 | 40.6 | 41.3 | 42.7 | 44.8 | 38.3 | 39.0 | 40.4 | 42.5 | 40.6 | 41.3 | 42.7 | 44.8 | 38.3  | 39.0 | 40.4 | 42.5 |  |  |  |       |  |  |  |  |  |  |
| MBh     |  | 0.78                        | 0.70 | 0.57 | 0.43 | 0.78 | 0.71 | 0.57 | 0.43 | 1.00 | 0.73 | 0.60 | 0.46 | 1.00 | 0.75 | 0.62 | 0.48 | 1.00 | 0.77 | 0.64 | 0.50 | 1.00 | 0.82 | 0.69 | 0.55 | 1.00 | 0.77 | 0.64 | 0.50 | 1.00  | 0.82 | 0.69 | 0.55 |  |  |  |       |  |  |  |  |  |  |
| S/T     |  | 23                          | 21   | 17   | 14   | 22   | 21   | 17   | 14   | 23   | 21   | 18   | 14   | 22   | 21   | 17   | 14   | 22   | 20   | 17   | 14   | 23   | 22   | 18   | 15   | 22   | 20   | 17   | 14   | 23    | 22   | 18   | 15   |  |  |  |       |  |  |  |  |  |  |
| ΔT      |  | 2.52                        | 2.52 | 2.51 | 2.53 | 2.81 | 2.81 | 2.80 | 2.83 | 3.14 | 3.14 | 3.13 | 3.15 | 3.49 | 3.49 | 3.49 | 3.51 | 3.89 | 3.89 | 3.88 | 3.90 | 4.35 | 4.35 | 4.35 | 4.37 | 3.89 | 3.89 | 3.88 | 3.90 | 4.35  | 4.35 | 4.35 | 4.37 |  |  |  |       |  |  |  |  |  |  |
| kW      |  | 9.3                         | 9.3  | 9.3  | 9.4  | 10.7 | 10.7 | 10.6 | 10.8 | 12.2 | 12.2 | 12.1 | 12.2 | 13.8 | 13.8 | 13.8 | 13.9 | 15.6 | 15.6 | 15.6 | 15.7 | 17.7 | 17.7 | 17.7 | 17.8 | 15.6 | 15.6 | 15.6 | 15.7 | 17.7  | 17.7 | 17.8 | 17.8 |  |  |  |       |  |  |  |  |  |  |
| Amps    |  | 244                         | 245  | 247  | 251  | 282  | 283  | 285  | 289  | 322  | 323  | 325  | 329  | 365  | 366  | 368  | 372  | 412  | 413  | 414  | 419  | 461  | 462  | 464  | 468  | 412  | 413  | 414  | 419  | 461   | 462  | 464  | 468  |  |  |  |       |  |  |  |  |  |  |
| Hi-PR   |  | 121                         | 122  | 125  | 130  | 128  | 129  | 132  | 137  | 134  | 136  | 139  | 144  | 139  | 141  | 144  | 149  | 145  | 146  | 149  | 154  | 151  | 153  | 156  | 161  | 145  | 146  | 149  | 154  | 151   | 153  | 156  | 161  |  |  |  |       |  |  |  |  |  |  |
| Lo-PR   |  | 47.5                        | 48.1 | 49.5 | 51.6 | 47.1 | 47.7 | 49.1 | 51.2 | 45.9 | 46.5 | 47.9 | 50.0 | 43.8 | 44.4 | 45.8 | 47.9 | 41.2 | 41.9 | 43.3 | 45.4 | 38.9 | 39.6 | 40.9 | 43.1 | 41.2 | 41.9 | 43.3 | 45.4 | 38.9  | 39.6 | 40.9 | 43.1 |  |  |  |       |  |  |  |  |  |  |
| MBh     |  | 0.81                        | 0.73 | 0.60 | 0.46 | 0.81 | 0.74 | 0.60 | 0.46 | 1.00 | 0.76 | 0.63 | 0.49 | 1.00 | 0.78 | 0.65 | 0.51 | 1.00 | 0.80 | 0.67 | 0.53 | 1.00 | 0.85 | 0.72 | 0.58 | 1.00 | 0.80 | 0.67 | 0.53 | 1.00  | 0.85 | 0.72 | 0.58 |  |  |  |       |  |  |  |  |  |  |
| S/T     |  | 22                          | 20   | 17   | 13   | 22   | 20   | 16   | 13   | 22   | 20   | 17   | 13   | 22   | 20   | 16   | 13   | 21   | 20   | 16   | 13   | 23   | 21   | 17   | 14   | 21   | 20   | 16   | 13   | 23    | 21   | 17   | 14   |  |  |  |       |  |  |  |  |  |  |
| ΔT      |  | 2.53                        | 2.53 | 2.52 | 2.54 | 2.82 | 2.82 | 2.82 | 2.84 | 3.15 | 3.15 | 3.14 | 3.17 | 3.50 | 3.50 | 3.50 | 3.52 | 3.90 | 3.90 | 3.89 | 3.91 | 4.36 | 4.36 | 4.36 | 4.38 | 3.90 | 3.90 | 3.89 | 3.91 | 4.36  | 4.36 | 4.36 | 4.38 |  |  |  |       |  |  |  |  |  |  |
| kW      |  | 9.4                         | 9.4  | 9.4  | 9.5  | 10.7 | 10.7 | 10.7 | 10.8 | 12.2 | 12.2 | 12.2 | 12.3 | 13.8 | 13.8 | 13.8 | 13.9 | 15.7 | 15.6 | 15.6 | 15.7 | 17.8 | 17.8 | 17.9 | 17.9 | 15.7 | 15.6 | 15.6 | 15.7 | 17.8  | 17.8 | 17.9 | 17.9 |  |  |  |       |  |  |  |  |  |  |
| Amps    |  | 246                         | 247  | 248  | 253  | 284  | 285  | 287  | 291  | 324  | 325  | 327  | 331  | 367  | 368  | 370  | 374  | 413  | 414  | 416  | 420  | 463  | 464  | 466  | 470  | 413  | 414  | 416  | 420  | 463   | 464  | 466  | 470  |  |  |  |       |  |  |  |  |  |  |
| Hi-PR   |  | 122                         | 124  | 127  | 132  | 129  | 131  | 134  | 139  | 136  | 137  | 140  | 145  | 141  | 142  | 145  | 151  | 146  | 148  | 151  | 156  | 153  | 154  | 157  | 162  | 146  | 148  | 151  | 156  | 153   | 154  | 157  | 162  |  |  |  |       |  |  |  |  |  |  |
| Lo-PR   |  | 48.4                        | 49.1 | 50.4 | 52.6 | 48.0 | 48.6 | 50.0 | 52.1 | 46.8 | 47.4 | 48.8 | 50.9 | 44.7 | 45.4 | 46.7 | 48.9 | 42.2 | 42.8 | 44.2 | 46.3 | 39.8 | 40.5 | 41.9 | 44.0 | 42.2 | 42.8 | 44.2 | 46.3 | 39.8  | 40.5 | 41.9 | 44.0 |  |  |  |       |  |  |  |  |  |  |
| MBh     |  | 0.82                        | 0.75 | 0.61 | 0.47 | 0.83 | 0.75 | 0.62 | 0.48 | 1.00 | 0.78 | 0.65 | 0.51 | 1.00 | 0.80 | 0.66 | 0.52 | 1.00 | 0.82 | 0.69 | 0.55 | 1.00 | 0.87 | 0.74 | 0.60 | 1.00 | 0.82 | 0.69 | 0.55 | 1.00  | 0.87 | 0.74 | 0.60 |  |  |  |       |  |  |  |  |  |  |
| S/T     |  | 21                          | 19   | 16   | 12   | 21   | 19   | 16   | 12   | 21   | 19   | 16   | 12   | 21   | 19   | 16   | 12   | 21   | 19   | 15   | 12   | 22   | 20   | 16   | 13   | 21   | 19   | 15   | 12   | 22    | 20   | 16   | 13   |  |  |  |       |  |  |  |  |  |  |
| ΔT      |  | 2.54                        | 2.54 | 2.54 | 2.56 | 2.84 | 2.83 | 2.83 | 2.85 | 3.16 | 3.16 | 3.16 | 3.18 | 3.52 | 3.51 | 3.51 | 3.53 | 3.91 | 3.91 | 3.90 | 3.93 | 4.38 | 4.37 | 4.37 | 4.39 | 3.91 | 3.91 | 3.90 | 3.93 | 4.38  | 4.37 | 4.37 | 4.39 |  |  |  |       |  |  |  |  |  |  |
| kW      |  | 9.4                         | 9.4  | 9.4  | 9.5  | 10.8 | 10.8 | 10.8 | 10.9 | 12.3 | 12.3 | 12.3 | 12.4 | 13.9 | 13.9 | 13.9 | 14.0 | 15.7 | 15.7 | 15.7 | 15.8 | 17.8 | 17.8 | 17.9 | 17.9 | 15.7 | 15.7 | 15.7 | 15.8 | 17.8  | 17.8 | 17.9 | 17.9 |  |  |  |       |  |  |  |  |  |  |
| Amps    |  | 248                         | 249  | 251  | 255  | 286  | 287  | 289  | 293  | 326  | 327  | 329  | 333  | 369  | 370  | 372  | 376  | 416  | 417  | 418  | 423  | 465  | 466  | 468  | 472  | 416  | 417  | 418  | 423  | 465   | 466  | 468  | 472  |  |  |  |       |  |  |  |  |  |  |
| Hi-PR   |  | 124                         | 126  | 129  | 134  | 132  | 133  | 136  | 141  | 138  | 139  | 142  | 148  | 143  | 145  | 148  | 153  | 149  | 150  | 153  | 158  | 155  | 157  | 160  | 165  | 149  | 150  | 153  | 158  | 155   | 157  | 160  | 165  |  |  |  |       |  |  |  |  |  |  |
| Lo-PR   |  | 48.4                        | 49.1 | 50.4 | 52.6 | 48.0 | 48.6 | 50.0 | 52.1 | 46.8 | 47.4 | 48.8 | 50.9 | 44.7 | 45.4 | 46.7 | 48.9 | 42.2 | 42.8 | 44.2 | 46.3 | 39.8 | 40.5 | 41.9 | 44.0 | 42.2 | 42.8 | 44.2 | 46.3 | 39.8  | 40.5 | 41.9 | 44.0 |  |  |  |       |  |  |  |  |  |  |

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects ACCA

COOLING DATA — DZ5SEA4810A\* + AMST48CU1400A\* (CONT.)

| IDB  |       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |      |      |      |       |      |      |      |      |      |  |  |
|------|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|-------|------|------|------|------|------|--|--|
|      |       | 65°F                        |      |      |      |      |      |      |      | 75°F |      |      |      |      |      |      |      | 85°F |      |      |      |      |      |      |      | 95°F |      |      |      |      |      |      |      | 105°F |      |      |      |      |      |      |      | 115°F |      |      |      |      |      |  |  |
|      |       | AIRFLOW                     |      | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67    | 71   |      |      |      |      |      |      |       |      |      |      |      |      |  |  |
| 80   | 1450  | MBh                         | 47.1 | 47.8 | 49.2 | 51.3 | 46.7 | 47.4 | 48.8 | 50.9 | 45.5 | 46.2 | 47.5 | 49.7 | 43.4 | 44.1 | 45.5 | 47.6 | 40.9 | 41.5 | 42.9 | 45.0 | 38.6 | 39.2 | 40.6 | 42.7 | 1.00 | 0.90 | 0.82 | 0.69 | 0.55 | 1.00 | 0.85 | 0.72  | 0.58 | 1.00 | 0.87 | 0.74 | 0.60 | 1.00 | 0.80 | 0.66  | 0.52 | 1.00 | 0.76 | 0.62 | 0.48 |  |  |
|      |       | S/T                         | 0.90 | 0.82 | 0.69 | 0.55 | 1.00 | 0.85 | 0.72 | 0.58 | 1.00 | 0.87 | 0.74 | 0.60 | 1.00 | 0.80 | 0.66 | 0.52 | 1.00 | 0.76 | 0.62 | 0.48 | 1.00 | 0.62 | 0.48 | 0.34 | 1.00 | 0.50 | 0.36 | 0.22 | 1.00 | 0.40 | 0.26 | 0.12  | 1.00 | 0.30 | 0.16 | 0.02 | 1.00 | 0.20 | 0.06 | 0.00  |      |      |      |      |      |  |  |
|      |       | ΔT                          | 27   | 25   | 21   | 18   | 26   | 25   | 22   | 18   | 27   | 25   | 22   | 18   | 26   | 25   | 21   | 18   | 26   | 24   | 21   | 18   | 27   | 26   | 22   | 19   | 27   | 26   | 22   | 19   | 27   | 26   | 22   | 19    | 27   | 26   | 22   | 19   | 27   | 26   | 22   | 19    |      |      |      |      |      |  |  |
|      |       | kW                          | 2.52 | 2.52 | 2.51 | 2.54 | 2.81 | 2.81 | 2.81 | 2.83 | 3.14 | 3.14 | 3.13 | 3.16 | 3.49 | 3.49 | 3.49 | 3.51 | 3.89 | 3.89 | 3.88 | 3.91 | 4.35 | 4.35 | 4.35 | 4.35 | 4.77 | 4.77 | 4.77 | 4.77 | 5.19 | 5.19 | 5.19 | 5.19  | 5.61 | 5.61 | 5.61 | 5.61 | 6.03 | 6.03 | 6.03 | 6.03  |      |      |      |      |      |  |  |
|      |       | Amps                        | 9.3  | 9.3  | 9.3  | 9.4  | 10.7 | 10.7 | 10.7 | 10.8 | 12.2 | 12.2 | 12.2 | 12.3 | 13.8 | 13.8 | 13.8 | 13.9 | 15.6 | 15.6 | 15.6 | 15.7 | 17.7 | 17.7 | 17.7 | 17.7 | 19.9 | 19.9 | 19.9 | 19.9 | 22.1 | 22.1 | 22.1 | 22.1  | 24.3 | 24.3 | 24.3 | 24.3 | 26.5 | 26.5 | 26.5 | 26.5  |      |      |      |      |      |  |  |
|      | 1600  | Hi-PR                       | 245  | 246  | 247  | 251  | 283  | 284  | 285  | 290  | 323  | 324  | 325  | 330  | 366  | 367  | 368  | 373  | 412  | 413  | 415  | 419  | 462  | 463  | 464  | 469  | 516  | 517  | 518  | 523  | 571  | 572  | 573  | 578   | 630  | 631  | 632  | 637  | 687  | 688  | 689  | 694   |      |      |      |      |      |  |  |
|      |       | Lo-PR                       | 121  | 123  | 126  | 131  | 128  | 130  | 133  | 138  | 135  | 136  | 139  | 144  | 140  | 141  | 144  | 150  | 145  | 147  | 150  | 155  | 152  | 153  | 156  | 161  | 157  | 159  | 162  | 167  | 163  | 165  | 168  | 173   | 170  | 172  | 175  | 180  | 177  | 179  | 182  | 187   |      |      |      |      |      |  |  |
|      |       | MBh                         | 47.7 | 48.4 | 49.8 | 51.9 | 47.3 | 48.0 | 49.3 | 51.4 | 46.1 | 46.7 | 48.1 | 50.2 | 44.0 | 44.7 | 46.0 | 48.2 | 41.5 | 42.1 | 43.5 | 45.6 | 39.1 | 39.8 | 41.2 | 43.3 | 36.7 | 37.4 | 38.8 | 40.9 | 34.3 | 35.0 | 36.4 | 38.5  | 31.9 | 32.6 | 34.0 | 36.1 | 29.5 | 30.2 | 31.6 | 33.7  |      |      |      |      |      |  |  |
|      |       | S/T                         | 1.00 | 0.85 | 0.72 | 0.58 | 1.00 | 0.86 | 0.73 | 0.59 | 1.00 | 0.88 | 0.75 | 0.61 | 1.00 | 0.90 | 0.77 | 0.63 | 1.00 | 0.86 | 0.73 | 0.59 | 1.00 | 0.73 | 0.59 | 0.45 | 1.00 | 0.60 | 0.46 | 0.32 | 1.00 | 0.50 | 0.36 | 0.22  | 1.00 | 0.40 | 0.26 | 0.12 | 1.00 | 0.30 | 0.16 | 0.02  |      |      |      |      |      |  |  |
|      |       | ΔT                          | 26   | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 26   | 24   | 21   | 17   | 26   | 24   | 20   | 17   | 26   | 24   | 21   | 17   | 27   | 25   | 21   | 18   | 27   | 25   | 21   | 18   | 27   | 25   | 21   | 18    | 27   | 25   | 21   | 18   | 27   | 25   | 21   | 18    |      |      |      |      |      |  |  |
| 1800 | kW    | 2.53                        | 2.53 | 2.52 | 2.55 | 2.82 | 2.82 | 2.82 | 2.84 | 3.15 | 3.15 | 3.14 | 3.17 | 3.51 | 3.50 | 3.50 | 3.52 | 3.90 | 3.90 | 3.89 | 3.92 | 4.37 | 4.37 | 4.37 | 4.37 | 4.79 | 4.79 | 4.79 | 4.79 | 5.21 | 5.21 | 5.21 | 5.21 | 5.63  | 5.63 | 5.63 | 5.63 | 6.05 | 6.05 | 6.05 | 6.05 |       |      |      |      |      |      |  |  |
|      | Amps  | 9.4                         | 9.4  | 9.4  | 9.5  | 10.7 | 10.7 | 10.7 | 10.8 | 12.2 | 12.2 | 12.2 | 12.3 | 13.9 | 13.8 | 13.8 | 13.9 | 15.7 | 15.7 | 15.6 | 15.7 | 17.8 | 17.8 | 17.8 | 17.8 | 19.9 | 19.9 | 19.9 | 19.9 | 22.1 | 22.1 | 22.1 | 22.1 | 24.3  | 24.3 | 24.3 | 24.3 | 26.5 | 26.5 | 26.5 | 26.5 |       |      |      |      |      |      |  |  |
|      | Hi-PR | 246                         | 247  | 249  | 253  | 284  | 285  | 287  | 291  | 324  | 325  | 327  | 331  | 367  | 368  | 370  | 374  | 414  | 415  | 417  | 421  | 463  | 464  | 466  | 470  | 511  | 512  | 513  | 518  | 569  | 570  | 571  | 576  | 633   | 634  | 635  | 640  | 691  | 692  | 693  | 698  |       |      |      |      |      |      |  |  |
|      | Lo-PR | 123                         | 124  | 127  | 132  | 130  | 131  | 134  | 139  | 136  | 138  | 141  | 146  | 142  | 143  | 146  | 151  | 147  | 148  | 151  | 156  | 153  | 155  | 158  | 163  | 159  | 161  | 164  | 169  | 166  | 168  | 171  | 176  | 173   | 175  | 178  | 183  | 180  | 182  | 185  | 190  |       |      |      |      |      |      |  |  |
|      | MBh   | 48.5                        | 49.3 | 50.7 | 52.8 | 48.2 | 48.9 | 50.3 | 52.4 | 47.0 | 47.7 | 49.1 | 51.2 | 44.9 | 45.6 | 47.0 | 49.1 | 42.4 | 43.1 | 44.4 | 46.5 | 40.1 | 40.7 | 42.1 | 44.2 | 37.7 | 38.4 | 39.8 | 41.9 | 35.3 | 36.0 | 37.4 | 39.5 | 33.0  | 33.7 | 35.1 | 37.2 |      |      |      |      |       |      |      |      |      |      |  |  |
| 85   | 1450  | S/T                         | 1.00 | 0.92 | 0.79 | 0.7  | 1.00 | 0.93 | 0.80 | 0.7  | 1.00 | 0.85 | 0.72 | 0.58 | 1.00 | 0.77 | 0.63 | 0.49 | 1.00 | 0.70 | 0.56 | 0.42 | 1.00 | 0.58 | 0.44 | 0.30 | 1.00 | 0.46 | 0.32 | 0.18 | 1.00 | 0.34 | 0.20 | 0.06  | 1.00 | 0.22 | 0.08 | 0.00 | 1.00 | 0.10 | 0.00 | 0.00  |      |      |      |      |      |  |  |
|      |       | ΔT                          | 30   | 28   | 25   | 21   | 30   | 28   | 25   | 21   | 30   | 28   | 25   | 22   | 30   | 28   | 25   | 21   | 30   | 28   | 25   | 21   | 31   | 29   | 26   | 22   | 31   | 29   | 26   | 22   | 31   | 29   | 26   | 22    | 31   | 29   | 26   | 22   |      |      |      |       |      |      |      |      |      |  |  |
|      |       | kW                          | 2.53 | 2.52 | 2.52 | 2.5  | 2.82 | 2.82 | 2.81 | 2.8  | 3.15 | 3.14 | 3.14 | 3.2  | 3.50 | 3.50 | 3.49 | 3.5  | 3.90 | 3.89 | 3.89 | 3.9  | 4.36 | 4.36 | 4.36 | 4.4  | 4.78 | 4.78 | 4.78 | 4.78 | 5.20 | 5.20 | 5.20 | 5.20  | 5.62 | 5.62 | 5.62 | 5.62 |      |      |      |       |      |      |      |      |      |  |  |
|      |       | Amps                        | 9.4  | 9.4  | 9.4  | 9.4  | 10.7 | 10.7 | 10.7 | 10.8 | 12.2 | 12.2 | 12.2 | 12.3 | 13.8 | 13.8 | 13.8 | 13.9 | 15.6 | 15.6 | 15.6 | 15.7 | 17.8 | 17.8 | 17.8 | 17.8 | 19.9 | 19.9 | 19.9 | 19.9 | 22.1 | 22.1 | 22.1 | 22.1  | 24.3 | 24.3 | 24.3 | 24.3 |      |      |      |       |      |      |      |      |      |  |  |
|      |       | Hi-PR                       | 246  | 247  | 248  | 253  | 284  | 285  | 287  | 291  | 324  | 325  | 327  | 331  | 367  | 368  | 370  | 374  | 413  | 414  | 416  | 420  | 463  | 464  | 466  | 470  | 511  | 512  | 513  | 518  | 569  | 570  | 571  | 576   | 633  | 634  | 635  | 640  |      |      |      |       |      |      |      |      |      |  |  |
|      | 1600  | Lo-PR                       | 123  | 124  | 127  | 132  | 130  | 132  | 135  | 140  | 136  | 138  | 141  | 146  | 142  | 143  | 146  | 151  | 147  | 148  | 151  | 156  | 153  | 155  | 158  | 163  | 159  | 161  | 164  | 169  | 166  | 168  | 171  | 176   | 173  | 175  | 178  | 183  | 180  | 182  | 185  | 190   |      |      |      |      |      |  |  |
|      |       | MBh                         | 48.5 | 49.1 | 50.5 | 52.6 | 48.1 | 48.7 | 50.1 | 52.2 | 46.9 | 47.5 | 48.9 | 51.0 | 44.8 | 45.4 | 46.8 | 48.9 | 42.2 | 42.9 | 44.3 | 46.4 | 39.9 | 40.6 | 42.0 | 44.1 | 37.5 | 38.2 | 39.6 | 41.7 | 35.1 | 35.8 | 37.2 | 39.3  | 32.7 | 33.4 | 34.8 | 36.9 |      |      |      |       |      |      |      |      |      |  |  |
|      |       | S/T                         | 1.00 | 0.95 | 0.82 | 0.7  | 1.00 | 0.96 | 0.83 | 0.7  | 1.00 | 0.88 | 0.75 | 0.61 | 1.00 | 0.80 | 0.67 | 0.53 | 1.00 | 0.73 | 0.59 | 0.45 | 1.00 | 0.61 | 0.47 | 0.33 | 1.00 | 0.50 | 0.36 | 0.22 | 1.00 | 0.40 | 0.26 | 0.12  | 1.00 | 0.30 | 0.16 | 0.02 |      |      |      |       |      |      |      |      |      |  |  |
|      |       | ΔT                          | 29   | 27   | 24   | 21   | 29   | 27   | 24   | 21   | 30   | 28   | 24   | 21   | 29   | 27   | 24   | 21   | 29   | 27   | 24   | 21   | 30   | 28   | 25   | 21   | 30   | 28   | 25   | 21   | 30   | 28   | 25   | 21    | 30   | 28   | 25   | 21   |      |      |      |       |      |      |      |      |      |  |  |
|      |       | kW                          | 2.54 | 2.53 | 2.53 | 2.6  | 2.83 | 2.83 | 2.82 | 2.8  | 3.16 | 3.15 | 3.15 | 3.2  | 3.51 | 3.51 | 3.50 | 3.5  | 3.91 | 3.90 | 3.90 | 3.9  | 4.37 | 4.37 | 4.37 | 4.4  | 4.79 | 4.79 | 4.79 | 4.79 | 5.21 | 5.21 | 5.21 | 5.21  | 5.63 | 5.63 | 5.63 | 5.63 |      |      |      |       |      |      |      |      |      |  |  |
| 1800 | Amps  | 9.4                         | 9.4  | 9.4  | 9.5  | 10.8 | 10.8 | 10.7 | 10.8 | 12.3 | 12.3 | 12.3 | 12.4 | 13.9 | 13.9 | 13.9 | 14.0 | 15.7 | 15.7 | 15.7 | 15.8 | 17.8 | 17.8 | 17.8 | 17.8 | 19.9 | 19.9 | 19.9 | 19.9 | 22.1 | 22.1 | 22.1 | 22.1 | 24.3  | 24.3 | 24.3 | 24.3 |      |      |      |      |       |      |      |      |      |      |  |  |
|      | Hi-PR | 247                         | 248  | 250  | 254  | 285  | 287  | 288  | 292  | 325  | 326  | 328  | 332  | 369  | 370  | 371  | 375  | 415  | 416  | 418  | 422  | 464  | 466  | 467  | 471  | 513  | 514  | 515  | 520  | 571  | 572  | 573  | 578  | 633   | 634  | 635  | 640  |      |      |      |      |       |      |      |      |      |      |  |  |
|      | Lo-PR | 124                         | 126  | 129  | 134  | 132  | 133  | 136  | 141  | 138  | 139  | 142  | 147  | 143  | 145  | 148  | 153  | 149  | 150  | 153  | 158  | 155  | 157  | 160  | 165  | 162  | 164  | 167  | 172  | 169  | 171  | 174  | 179  | 176   | 178  | 181  | 186  |      |      |      |      |       |      |      |      |      |      |  |  |
|      | MBh   | 49.4                        | 50.1 | 51.5 | 53.6 | 49.0 | 49.7 | 51.0 | 53.2 | 47.8 | 48.5 | 49.8 | 51.9 | 45.7 | 46.4 | 47.8 | 49.9 | 43.2 | 43.8 | 45.2 | 47.3 | 40.9 | 41.5 | 42.9 | 45.0 | 38.6 | 39.2 | 40.6 | 42.7 | 36.3 | 37.0 | 38.4 | 40.5 | 34.0  | 34.7 | 36.1 | 38.2 |      |      |      |      |       |      |      |      |      |      |  |  |
|      | S/T   | 1.00                        | 0.97 | 0.84 | 0.7  | 1.00 | 0.98 | 0.84 | 0.7  | 1.00 | 0.90 | 0.77 | 0.63 | 1.00 | 0.82 | 0.69 | 0.55 | 1.00 | 0.75 | 0.61 | 0.47 | 1.00 | 0.63 | 0.49 | 0.35 | 1.00 | 0.52 | 0.38 | 0.24 | 1.00 | 0.42 | 0.28 | 0.14 | 1.00  | 0.32 | 0.18 | 0.04 |      |      |      |      |       |      |      |      |      |      |  |  |

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



COOLING DATA — DZ5SEA6010A\* + AMST60DU1400A\*

| IDB   |  | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |  |       |  |  |  |  |  |
|-------|--|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|--|-------|--|--|--|--|--|
|       |  | 65°F                        |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |      |      |      |      |  | 115°F |  |  |  |  |  |
|       |  | 59                          | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59   | 63   | 67   | 71   | 59    | 63   | 67   | 71   |      |  |       |  |  |  |  |  |
| 70    | 1600   | AIRFLOW                     | 57.6 | 58.4 | 60.1 | -    | 57.0 | 57.9 | 59.6 | -    | 55.5 | 56.4 | 58.1 | -    | 53.0 | 53.8 | 55.5 | -    | 49.8 | 50.6 | 52.3 | -    | 46.9 | 47.7 | 49.5 | -     | 47.0 | 47.8 | 49.5 | -    |  |       |  |  |  |  |  |
|       |  | MBh                         | 0.61 | 0.54 | 0.40 | -    | 0.62 | 0.54 | 0.41 | -    | 0.65 | 0.57 | 0.43 | -    | 0.67 | 0.59 | 0.45 | -    | 1.00 | 0.61 | 0.48 | -    | 1.00 | 0.66 | 0.53 | -     | 1.00 | 0.79 | 0.66 | 0.51 |  |       |  |  |  |  |  |
|       |  | S/T                         | 19   | 18   | 14   | -    | 19   | 18   | 14   | -    | 20   | 18   | 14   | -    | 19   | 18   | 14   | -    | 19   | 17   | 14   | -    | 20   | 18   | 15   | -     | 20   | 18   | 15   | -    |  |       |  |  |  |  |  |
|       |  | ΔT                          | 3.32 | 3.32 | 3.31 | -    | 3.75 | 3.74 | 3.74 | -    | 4.22 | 4.22 | 4.21 | -    | 4.74 | 4.74 | 4.73 | -    | 5.31 | 5.31 | 5.30 | -    | 5.99 | 5.99 | 5.98 | -     | 5.99 | 5.99 | 5.98 | -    |  |       |  |  |  |  |  |
|       |  | kW                          | 13.0 | 13.0 | 13.0 | -    | 15.0 | 14.9 | 14.9 | -    | 17.1 | 17.1 | 17.1 | -    | 19.5 | 19.5 | 19.5 | -    | 22.1 | 22.1 | 22.1 | -    | 25.2 | 25.2 | 25.2 | -     | 25.2 | 25.2 | 25.2 | -    |  |       |  |  |  |  |  |
|       | Amps   | 242                         | 243  | 245  | -    | 280  | 281  | 283  | -    | 320  | 321  | 323  | -    | 363  | 364  | 366  | -    | 410  | 411  | 413  | -    | 459  | 460  | 462  | -    | 459   | 460  | 462  | -    |      |  |       |  |  |  |  |  |
|       | Hi PR  | 119                         | 120  | 124  | -    | 126  | 128  | 131  | -    | 133  | 134  | 137  | -    | 138  | 139  | 142  | -    | 143  | 145  | 148  | -    | 150  | 151  | 154  | -    | 150   | 151  | 154  | -    |      |  |       |  |  |  |  |  |
|       | Lo PR  | 58.2                        | 59.0 | 60.8 | -    | 57.7 | 58.5 | 60.3 | -    | 56.2 | 57.0 | 58.8 | -    | 53.6 | 54.5 | 56.2 | -    | 50.5 | 51.3 | 53.0 | -    | 47.6 | 48.4 | 50.1 | -    | 47.6  | 48.4 | 50.1 | -    |      |  |       |  |  |  |  |  |
|       | MBh  | 0.67                        | 0.59 | 0.45 | -    | 0.67 | 0.60 | 0.46 | -    | 0.70 | 0.62 | 0.49 | -    | 0.72 | 0.64 | 0.51 | -    | 1.00 | 0.66 | 0.53 | -    | 1.00 | 0.71 | 0.58 | -    | 1.00  | 0.71 | 0.58 | -    |      |  |       |  |  |  |  |  |
|       | S/T  | 18                          | 17   | 13   | -    | 18   | 17   | 13   | -    | 19   | 17   | 13   | -    | 18   | 17   | 13   | -    | 18   | 16   | 13   | -    | 19   | 17   | 14   | -    | 19    | 17   | 14   | -    |      |  |       |  |  |  |  |  |
| ΔT    | 3.34   | 3.34                        | 3.33 | -    | 3.77 | 3.76 | 3.76 | -    | 4.24 | 4.24 | 4.23 | -    | 4.76 | 4.75 | 4.75 | -    | 5.33 | 5.33 | 5.32 | -    | 6.01 | 6.00 | 6.00 | -    | 6.01 | 6.00  | 6.00 | -    |      |      |  |       |  |  |  |  |  |
| kW    | 13.1   | 13.1                        | 13.1 | -    | 15.1 | 15.0 | 15.0 | -    | 17.2 | 17.2 | 17.2 | -    | 19.6 | 19.6 | 19.5 | -    | 22.2 | 22.2 | 22.2 | -    | 25.3 | 25.3 | 25.3 | -    | 25.3 | 25.3  | 25.3 | -    |      |      |  |       |  |  |  |  |  |
| Amps  | 244  | 245                         | 247  | -    | 282  | 283  | 285  | -    | 322  | 323  | 325  | -    | 365  | 366  | 368  | -    | 412  | 413  | 414  | -    | 461  | 462  | 464  | -    | 461  | 462   | 464  | -    |      |      |  |       |  |  |  |  |  |
| Hi PR | 121  | 122                         | 125  | -    | 128  | 129  | 132  | -    | 134  | 136  | 139  | -    | 139  | 141  | 144  | -    | 145  | 146  | 149  | -    | 151  | 153  | 156  | -    | 151  | 153   | 156  | -    |      |      |  |       |  |  |  |  |  |
| Lo PR | 59.0   | 59.8                        | 61.6 | -    | 58.5 | 59.3 | 61.0 | -    | 57.0 | 57.8 | 59.5 | -    | 54.4 | 55.2 | 57.0 | -    | 51.3 | 52.1 | 53.8 | -    | 48.4 | 49.2 | 50.9 | -    | 48.4 | 49.2  | 50.9 | -    |      |      |  |       |  |  |  |  |  |
| MBh   | 0.70   | 0.62                        | 0.49 | -    | 0.70 | 0.63 | 0.49 | -    | 0.73 | 0.65 | 0.52 | -    | 0.75 | 0.67 | 0.54 | -    | 1.00 | 0.69 | 0.56 | -    | 1.00 | 0.75 | 0.61 | -    | 1.00 | 0.75  | 0.61 | -    |      |      |  |       |  |  |  |  |  |
| S/T   | 18   | 16                          | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 13   | -    | 18   | 16   | 12   | -    | 17   | 16   | 12   | -    | 18   | 17   | 13   | -    | 18   | 17    | 13   | -    |      |      |  |       |  |  |  |  |  |
| ΔT    | 3.36   | 3.35                        | 3.35 | -    | 3.78 | 3.78 | 3.77 | -    | 4.26 | 4.26 | 4.25 | -    | 4.77 | 4.77 | 4.76 | -    | 5.35 | 5.35 | 5.34 | -    | 6.02 | 6.02 | 6.01 | -    | 6.02 | 6.02  | 6.01 | -    |      |      |  |       |  |  |  |  |  |
| kW    | 13.2   | 13.2                        | 13.1 | -    | 15.1 | 15.1 | 15.1 | -    | 17.3 | 17.3 | 17.3 | -    | 19.7 | 19.6 | 19.6 | -    | 22.3 | 22.3 | 22.2 | -    | 25.4 | 25.4 | 25.3 | -    | 25.4 | 25.4  | 25.3 | -    |      |      |  |       |  |  |  |  |  |
| Amps  | 246  | 247                         | 248  | -    | 284  | 285  | 287  | -    | 324  | 325  | 327  | -    | 367  | 368  | 370  | -    | 413  | 414  | 416  | -    | 463  | 464  | 466  | -    | 463  | 464   | 466  | -    |      |      |  |       |  |  |  |  |  |
| Hi PR | 122  | 124                         | 127  | -    | 130  | 131  | 134  | -    | 136  | 137  | 140  | -    | 141  | 143  | 146  | -    | 146  | 148  | 151  | -    | 153  | 155  | 158  | -    | 153  | 155   | 158  | -    |      |      |  |       |  |  |  |  |  |
| Lo PR | 57.1   | 57.9                        | 59.6 | 62.2 | 57.1 | 57.9 | 59.6 | 62.2 | 56.3 | 57.1 | 58.8 | 61.4 | 53.0 | 53.8 | 55.5 | 58.1 | 53.0 | 53.8 | 55.5 | 58.1 | 49.8 | 50.7 | 52.4 | 55.0 | 47.0 | 47.8  | 49.5 | 52.1 |      |      |  |       |  |  |  |  |  |
| 75    | 1600   | AIRFLOW                     | 57.6 | 58.4 | 60.1 | 62.7 | 57.1 | 57.9 | 59.6 | 62.2 | 55.6 | 56.4 | 58.1 | 60.7 | 53.0 | 53.8 | 55.5 | 58.1 | 49.8 | 50.7 | 52.4 | 55.0 | 47.0 | 47.8 | 49.5 | 52.1  | 47.0 | 47.8 | 49.5 | 52.1 |  |       |  |  |  |  |  |
|       |  | MBh                         | 0.74 | 0.67 | 0.53 | 0.39 | 0.75 | 0.67 | 0.54 | 0.40 | 0.78 | 0.70 | 0.56 | 0.42 | 1.00 | 0.72 | 0.58 | 0.44 | 1.00 | 0.74 | 0.60 | 0.46 | 1.00 | 0.79 | 0.66 | 0.51  | 1.00 | 0.79 | 0.66 | 0.51 |  |       |  |  |  |  |  |
|       |  | S/T                         | 23   | 22   | 18   | 15   | 23   | 22   | 18   | 15   | 24   | 22   | 18   | 15   | 23   | 22   | 18   | 15   | 23   | 21   | 18   | 14   | 24   | 22   | 19   | 16    | 24   | 22   | 19   | 16   |  |       |  |  |  |  |  |
|       |  | ΔT                          | 3.32 | 3.32 | 3.31 | 3.34 | 3.75 | 3.74 | 3.73 | 3.77 | 4.22 | 4.22 | 4.21 | 4.24 | 4.74 | 4.73 | 4.73 | 4.76 | 5.31 | 5.31 | 5.30 | 5.33 | 5.99 | 5.98 | 5.98 | 6.01  | 5.99 | 5.98 | 5.98 | 6.01 |  |       |  |  |  |  |  |
|       |  | kW                          | 13.0 | 13.0 | 13.0 | 13.1 | 15.0 | 14.9 | 14.9 | 15.1 | 17.1 | 17.1 | 17.1 | 17.2 | 19.5 | 19.5 | 19.4 | 19.6 | 22.1 | 22.1 | 22.1 | 22.2 | 25.2 | 25.2 | 25.2 | 25.3  | 25.2 | 25.2 | 25.2 | 25.3 |  |       |  |  |  |  |  |
|       | Amps   | 242                         | 243  | 245  | 249  | 281  | 282  | 283  | 287  | 321  | 322  | 323  | 327  | 364  | 365  | 366  | 371  | 410  | 411  | 413  | 417  | 460  | 461  | 462  | 467  | 460   | 461  | 462  | 467  |      |  |       |  |  |  |  |  |
|       | Hi PR  | 119                         | 121  | 124  | 129  | 126  | 128  | 131  | 136  | 133  | 134  | 137  | 142  | 138  | 139  | 142  | 148  | 143  | 145  | 148  | 153  | 150  | 151  | 154  | 159  | 150   | 151  | 154  | 159  |      |  |       |  |  |  |  |  |
|       | Lo PR  | 58.3                        | 59.1 | 60.8 | 63.4 | 57.8 | 58.6 | 60.3 | 62.9 | 56.3 | 57.1 | 58.8 | 61.4 | 53.7 | 54.5 | 56.2 | 58.8 | 50.5 | 51.3 | 53.0 | 55.7 | 47.6 | 48.4 | 50.2 | 52.8 | 47.6  | 48.4 | 50.2 | 52.8 |      |  |       |  |  |  |  |  |
|       | MBh  | 0.80                        | 0.72 | 0.58 | 0.44 | 0.80 | 0.73 | 0.59 | 0.45 | 1.00 | 0.75 | 0.62 | 0.47 | 1.00 | 0.77 | 0.63 | 0.49 | 1.00 | 0.79 | 0.66 | 0.51 | 1.00 | 0.84 | 0.71 | 0.57 | 1.00  | 0.84 | 0.71 | 0.57 |      |  |       |  |  |  |  |  |
|       | S/T  | 22                          | 21   | 17   | 14   | 22   | 21   | 17   | 14   | 23   | 21   | 17   | 14   | 22   | 21   | 17   | 14   | 22   | 20   | 17   | 13   | 23   | 21   | 18   | 15   | 23    | 21   | 18   | 15   |      |  |       |  |  |  |  |  |
| ΔT    | 3.34   | 3.33                        | 3.33 | 3.36 | 3.76 | 3.76 | 3.75 | 3.79 | 4.24 | 4.24 | 4.23 | 4.26 | 4.76 | 4.75 | 4.74 | 4.78 | 5.33 | 5.33 | 5.32 | 5.35 | 6.01 | 6.00 | 5.99 | 6.03 | 6.01 | 6.00  | 5.99 | 6.03 |      |      |  |       |  |  |  |  |  |
| kW    | 13.1   | 13.1                        | 13.0 | 13.2 | 15.0 | 15.0 | 15.0 | 15.1 | 17.2 | 17.2 | 17.2 | 17.3 | 19.6 | 19.5 | 19.5 | 19.7 | 22.2 | 22.2 | 22.2 | 22.3 | 25.3 | 25.3 | 25.2 | 25.4 | 25.3 | 25.2  | 25.2 | 25.4 |      |      |  |       |  |  |  |  |  |
| Amps  | 244  | 245                         | 247  | 251  | 282  | 283  | 285  | 289  | 322  | 323  | 325  | 329  | 365  | 366  | 368  | 372  | 412  | 413  | 415  | 419  | 461  | 462  | 464  | 468  | 461  | 462   | 464  | 468  |      |      |  |       |  |  |  |  |  |
| Hi PR | 121  | 122                         | 125  | 130  | 128  | 129  | 132  | 137  | 134  | 136  | 139  | 144  | 140  | 141  | 144  | 149  | 145  | 146  | 149  | 154  | 151  | 153  | 156  | 161  | 151  | 153   | 156  | 161  |      |      |  |       |  |  |  |  |  |
| Lo PR | 59.1   | 59.9                        | 61.6 | 64.2 | 58.6 | 59.4 | 61.1 | 63.7 | 57.1 | 57.9 | 59.6 | 62.2 | 54.5 | 55.3 | 57.0 | 59.6 | 51.3 | 52.1 | 53.8 | 56.5 | 48.4 | 49.2 | 51.0 | 53.6 | 48.4 | 49.2  | 51.0 | 53.6 |      |      |  |       |  |  |  |  |  |
| 2000  | MBh  | 0.83                        | 0.75 | 0.62 | 0.47 | 0.83 | 0.76 | 0.62 | 0.48 | 1.00 | 0.78 | 0.65 | 0.50 | 1.00 | 0.80 | 0.67 | 0.52 | 1.00 | 0.82 | 0.69 | 0.55 | 1.00 | 0.88 | 0.74 | 0.60 | 1.00  | 0.88 | 0.74 | 0.60 |      |  |       |  |  |  |  |  |
|       | S/T  | 22                          | 20   | 16   | 13   | 22   | 20   | 16   | 13   | 22   | 20   | 17   | 13   | 22   | 20   | 16   | 13   | 21   | 20   | 16   | 13   | 22   | 21   | 17   | 14   | 22    | 21   | 17   | 14   |      |  |       |  |  |  |  |  |
|       | ΔT   | 3.35                        | 3.35 | 3.34 | 3.38 | 3.78 | 3.78 | 3.77 | 3.80 | 4.26 | 4.25 | 4.25 | 4.28 | 4.77 | 4.77 | 4.76 | 4.79 | 5.35 | 5.34 | 5.34 | 5.37 | 6.02 | 6.02 | 6.01 | 6.04 | 6.02  | 6.02 | 6.01 | 6.04 |      |  |       |  |  |  |  |  |
|       | kW   | 13.2                        | 13.2 | 13.1 | 13.3 | 15.1 | 15.1 | 15.1 | 15.2 | 17.3 | 17.3 | 17.3 | 17.4 | 19.7 | 19.6 | 19.6 | 19.8 | 22.3 | 22.3 | 22.2 | 22.4 | 25.4 | 25.4 | 25.3 | 25.5 | 25.4  | 25.4 | 25.3 | 25.5 |      |  |       |  |  |  |  |  |
|       | Amps   | 246                         | 247  | 249  | 253  | 284  | 285  | 287  | 291  | 324  | 325  | 327  | 331  | 367  | 368  | 370  | 374  | 414  | 415  | 416  | 421  | 463  | 464  | 466  | 470  | 463   | 464  | 466  | 470  |      |  |       |  |  |  |  |  |
| Hi PR | 122  | 124                         | 127  | 132  | 130  | 131  | 134  | 139  | 136  | 137  | 140  | 145  | 141  | 143  | 146  | 151  | 146  | 148  | 151  | 156  | 153  | 155  | 158  | 163  | 153  | 155   | 158  | 163  |      |      |  |       |  |  |  |  |  |
| Lo PR | kW = Total system power<br>Amps = Outdoor unit amps (compressor + fan) |                             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |      |      |      |      |  |       |  |  |  |  |  |

Shaded area reflects ACCA (TVA) Rating Conditions.

IDB: Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction service valves.



COOLING DATA — DZ5SEA6010A\* + AMST60DU1400A\* (CONT.)

| IDB   |       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      | 115°F |      |      |      |      |      |      |      |      |      |      |      |       |    |    |  |    |    |       |  |  |  |  |  |
|-------|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|----|----|--|----|----|-------|--|--|--|--|--|
|       |       | 65°F                        |      |      |      |      |      | 75°F |      |      |      |      |      | 85°F  |      |      |      |      |      | 95°F |      |      |      |      |      | 105°F |    |    |  |    |    | 115°F |  |  |  |  |  |
|       |       | AIRFLOW                     |      | 59   | 63   | 67   | 71   | 59   |      | 63   | 67   | 71   | 59   |       | 63   | 67   | 71   | 59   |      | 63   | 67   | 71   | 59   |      | 63   | 67    | 71 | 59 |  | 63 | 67 | 71    |  |  |  |  |  |
| 80    | 1600  | MBh                         | 57.9 | 58.7 | 60.4 | 63.0 | 57.4 | 58.2 | 59.9 | 62.5 | 55.9 | 56.7 | 58.4 | 61.0  | 53.3 | 54.1 | 55.8 | 58.4 | 50.1 | 50.9 | 52.7 | 55.3 | 47.3 | 48.1 | 49.8 | 52.4  |    |    |  |    |    |       |  |  |  |  |  |
|       |       | S/T                         | 0.87 | 0.79 | 0.66 | 0.51 | 1.00 | 0.80 | 0.66 | 0.52 | 1.00 | 0.82 | 0.69 | 0.55  | 1.00 | 0.84 | 0.71 | 0.57 | 1.00 | 0.87 | 0.73 | 0.59 | 1.00 | 1.00 | 0.78 | 0.64  |    |    |  |    |    |       |  |  |  |  |  |
|       |       | ΔT                          | 27   | 26   | 22   | 19   | 27   | 26   | 22   | 19   | 28   | 26   | 22   | 19    | 27   | 26   | 22   | 19   | 27   | 25   | 22   | 18   | 28   | 26   | 23   | 20    |    |    |  |    |    |       |  |  |  |  |  |
|       |       | kW                          | 3.32 | 3.32 | 3.31 | 3.34 | 3.75 | 3.74 | 3.74 | 3.77 | 4.22 | 4.22 | 4.21 | 4.25  | 4.74 | 4.73 | 4.73 | 4.76 | 5.31 | 5.31 | 5.30 | 5.34 | 5.99 | 5.98 | 5.98 | 6.01  |    |    |  |    |    |       |  |  |  |  |  |
|       |       | Amps                        | 13.0 | 13.0 | 13.0 | 13.1 | 15.0 | 14.9 | 14.9 | 15.1 | 17.1 | 17.1 | 17.1 | 17.2  | 19.5 | 19.5 | 19.4 | 19.6 | 22.1 | 22.1 | 22.1 | 22.2 | 25.2 | 25.2 | 25.2 | 25.3  |    |    |  |    |    |       |  |  |  |  |  |
|       |       | Hi PR                       | 243  | 244  | 246  | 250  | 281  | 282  | 284  | 288  | 321  | 322  | 324  | 328   | 364  | 365  | 367  | 371  | 410  | 412  | 413  | 417  | 460  | 461  | 463  | 467   |    |    |  |    |    |       |  |  |  |  |  |
|       | Lo PR | 120                         | 121  | 124  | 129  | 127  | 128  | 131  | 136  | 133  | 135  | 138  | 143  | 138   | 140  | 143  | 148  | 144  | 145  | 148  | 153  | 150  | 152  | 155  | 160  |       |    |    |  |    |    |       |  |  |  |  |  |
|       | 1800  | MBh                         | 58.6 | 59.4 | 61.1 | 63.7 | 58.1 | 58.9 | 60.6 | 63.2 | 56.6 | 57.4 | 59.1 | 61.7  | 54.0 | 54.8 | 56.5 | 59.1 | 50.8 | 51.6 | 53.3 | 56.0 | 47.9 | 48.7 | 50.5 | 53.1  |    |    |  |    |    |       |  |  |  |  |  |
|       |       | S/T                         | 0.92 | 0.85 | 0.71 | 0.57 | 1.00 | 0.85 | 0.72 | 0.57 | 1.00 | 0.88 | 0.74 | 0.60  | 1.00 | 0.90 | 0.76 | 0.62 | 1.00 | 1.00 | 0.78 | 0.64 | 1.00 | 1.00 | 0.83 | 0.69  |    |    |  |    |    |       |  |  |  |  |  |
|       |       | ΔT                          | 26   | 25   | 21   | 18   | 26   | 25   | 21   | 18   | 27   | 25   | 21   | 18    | 26   | 25   | 21   | 18   | 26   | 24   | 21   | 17   | 27   | 25   | 22   | 19    |    |    |  |    |    |       |  |  |  |  |  |
|       |       | kW                          | 3.34 | 3.34 | 3.33 | 3.36 | 3.77 | 3.76 | 3.76 | 3.79 | 4.24 | 4.24 | 4.23 | 4.26  | 4.76 | 4.75 | 4.75 | 4.78 | 5.33 | 5.33 | 5.32 | 5.35 | 6.01 | 6.00 | 6.00 | 6.03  |    |    |  |    |    |       |  |  |  |  |  |
|       |       | Amps                        | 13.1 | 13.1 | 13.1 | 13.2 | 15.1 | 15.0 | 15.0 | 15.2 | 17.2 | 17.2 | 17.2 | 17.3  | 19.6 | 19.6 | 19.5 | 19.7 | 22.2 | 22.2 | 22.2 | 22.3 | 25.3 | 25.3 | 25.3 | 25.4  |    |    |  |    |    |       |  |  |  |  |  |
| Hi PR |       | 245                         | 246  | 247  | 252  | 283  | 284  | 286  | 290  | 323  | 324  | 326  | 330  | 366   | 367  | 369  | 373  | 412  | 413  | 415  | 419  | 462  | 463  | 465  | 469  |       |    |    |  |    |    |       |  |  |  |  |  |
| Lo PR | 121   | 123                         | 126  | 131  | 128  | 130  | 133  | 138  | 135  | 136  | 139  | 144  | 140  | 142   | 145  | 150  | 145  | 147  | 150  | 155  | 152  | 153  | 156  | 161  |      |       |    |    |  |    |    |       |  |  |  |  |  |
| 2000  | MBh   | 59.4                        | 60.2 | 61.9 | 64.5 | 58.9 | 59.7 | 61.4 | 64.0 | 57.4 | 58.2 | 59.9 | 62.5 | 54.8  | 55.6 | 57.3 | 59.9 | 51.6 | 52.4 | 54.1 | 56.8 | 48.7 | 49.5 | 51.3 | 53.9 |       |    |    |  |    |    |       |  |  |  |  |  |
|       | S/T   | 1.00                        | 0.88 | 0.74 | 0.60 | 1.00 | 0.88 | 0.75 | 0.60 | 1.00 | 0.91 | 0.77 | 0.63 | 1.00  | 0.93 | 0.79 | 0.65 | 1.00 | 1.00 | 0.81 | 0.67 | 1.00 | 1.00 | 0.87 | 0.72 |       |    |    |  |    |    |       |  |  |  |  |  |
|       | ΔT    | 26                          | 24   | 20   | 17   | 26   | 24   | 20   | 17   | 26   | 24   | 21   | 17   | 26    | 24   | 20   | 17   | 25   | 24   | 20   | 17   | 26   | 25   | 21   | 18   |       |    |    |  |    |    |       |  |  |  |  |  |
|       | kW    | 3.36                        | 3.35 | 3.35 | 3.38 | 3.78 | 3.78 | 3.77 | 3.81 | 4.26 | 4.26 | 4.25 | 4.28 | 4.77  | 4.77 | 4.76 | 4.80 | 5.35 | 5.35 | 5.34 | 5.37 | 6.02 | 6.02 | 6.01 | 6.05 |       |    |    |  |    |    |       |  |  |  |  |  |
|       | Amps  | 13.2                        | 13.2 | 13.1 | 13.3 | 15.1 | 15.1 | 15.1 | 15.2 | 17.3 | 17.3 | 17.3 | 17.4 | 19.7  | 19.6 | 19.6 | 19.8 | 22.3 | 22.3 | 22.2 | 22.4 | 25.4 | 25.4 | 25.3 | 25.5 |       |    |    |  |    |    |       |  |  |  |  |  |
|       | Hi PR | 246                         | 247  | 249  | 253  | 285  | 286  | 287  | 292  | 325  | 326  | 327  | 332  | 368   | 369  | 370  | 375  | 414  | 415  | 417  | 421  | 464  | 465  | 466  | 471  |       |    |    |  |    |    |       |  |  |  |  |  |
| Lo PR | 123   | 124                         | 127  | 132  | 130  | 132  | 135  | 140  | 136  | 138  | 141  | 146  | 142  | 143   | 146  | 151  | 147  | 148  | 152  | 157  | 154  | 155  | 158  | 163  |      |       |    |    |  |    |    |       |  |  |  |  |  |
| 85    | 1600  | MBh                         | 58.9 | 59.7 | 61.4 | 64.0 | 58.3 | 59.2 | 60.9 | 63.5 | 56.8 | 57.7 | 59.4 | 62.0  | 54.3 | 55.1 | 56.8 | 59.4 | 51.1 | 51.9 | 53.6 | 56.3 | 48.2 | 49.0 | 50.8 | 53.4  |    |    |  |    |    |       |  |  |  |  |  |
|       |       | S/T                         | 1.00 | 0.89 | 0.76 | 0.6  | 1.00 | 0.90 | 0.77 | 0.6  | 1.00 | 1.00 | 0.79 | 0.6   | 1.00 | 1.00 | 0.81 | 0.7  | 1.00 | 1.00 | 0.83 | 0.7  | 1.00 | 1.00 | 0.88 | 0.7   |    |    |  |    |    |       |  |  |  |  |  |
|       |       | ΔT                          | 31   | 29   | 26   | 22   | 31   | 29   | 26   | 22   | 31   | 29   | 26   | 22    | 31   | 29   | 26   | 22   | 31   | 29   | 25   | 22   | 32   | 30   | 27   | 23    |    |    |  |    |    |       |  |  |  |  |  |
|       |       | kW                          | 3.33 | 3.33 | 3.32 | 3.4  | 3.76 | 3.75 | 3.74 | 3.8  | 4.23 | 4.23 | 4.22 | 4.3   | 4.75 | 4.74 | 4.74 | 4.8  | 5.32 | 5.32 | 5.31 | 5.3  | 6.00 | 5.99 | 5.99 | 6.0   |    |    |  |    |    |       |  |  |  |  |  |
|       |       | Amps                        | 13.0 | 13.0 | 13.0 | 13.1 | 15.0 | 15.0 | 15.0 | 15.1 | 17.2 | 17.2 | 17.1 | 17.3  | 19.5 | 19.5 | 19.5 | 19.6 | 22.2 | 22.2 | 22.1 | 22.3 | 25.3 | 25.2 | 25.2 | 25.4  |    |    |  |    |    |       |  |  |  |  |  |
|       |       | Hi PR                       | 244  | 245  | 247  | 251  | 282  | 283  | 285  | 289  | 322  | 323  | 325  | 329   | 365  | 366  | 368  | 372  | 412  | 413  | 414  | 419  | 461  | 462  | 464  | 468   |    |    |  |    |    |       |  |  |  |  |  |
|       | Lo PR | 121                         | 123  | 126  | 131  | 129  | 130  | 133  | 138  | 135  | 136  | 139  | 144  | 140   | 142  | 145  | 150  | 146  | 147  | 150  | 155  | 152  | 154  | 157  | 162  |       |    |    |  |    |    |       |  |  |  |  |  |
|       | 1800  | MBh                         | 59.5 | 60.3 | 62.1 | 64.7 | 59.0 | 59.8 | 61.6 | 64.2 | 57.5 | 58.3 | 60.1 | 62.7  | 54.9 | 55.8 | 57.5 | 60.1 | 51.8 | 52.6 | 54.3 | 56.9 | 48.9 | 49.7 | 51.4 | 54.1  |    |    |  |    |    |       |  |  |  |  |  |
|       |       | S/T                         | 1.00 | 0.95 | 0.81 | 0.7  | 1.00 | 0.95 | 0.82 | 0.7  | 1.00 | 1.00 | 0.84 | 0.7   | 1.00 | 1.00 | 0.86 | 0.7  | 1.00 | 1.00 | 0.88 | 0.7  | 1.00 | 1.00 | 0.94 | 0.8   |    |    |  |    |    |       |  |  |  |  |  |
|       |       | ΔT                          | 30   | 28   | 25   | 21   | 30   | 28   | 25   | 21   | 30   | 28   | 25   | 22    | 30   | 28   | 25   | 21   | 30   | 28   | 25   | 21   | 31   | 29   | 26   | 22    |    |    |  |    |    |       |  |  |  |  |  |
|       |       | kW                          | 3.35 | 3.35 | 3.34 | 3.4  | 3.77 | 3.77 | 3.76 | 3.8  | 4.25 | 4.25 | 4.24 | 4.3   | 4.77 | 4.76 | 4.75 | 4.8  | 5.34 | 5.34 | 5.33 | 5.4  | 6.02 | 6.01 | 6.01 | 6.0   |    |    |  |    |    |       |  |  |  |  |  |
|       |       | Amps                        | 13.1 | 13.1 | 13.1 | 13.2 | 15.1 | 15.1 | 15.0 | 15.2 | 17.3 | 17.3 | 17.2 | 17.4  | 19.6 | 19.6 | 19.6 | 19.7 | 22.3 | 22.3 | 22.2 | 22.4 | 25.3 | 25.3 | 25.3 | 25.4  |    |    |  |    |    |       |  |  |  |  |  |
| Hi PR |       | 246                         | 247  | 249  | 253  | 284  | 285  | 287  | 291  | 324  | 325  | 327  | 331  | 367   | 368  | 370  | 374  | 413  | 414  | 416  | 420  | 463  | 464  | 466  | 470  |       |    |    |  |    |    |       |  |  |  |  |  |
| Lo PR | 123   | 124                         | 127  | 132  | 130  | 132  | 135  | 140  | 136  | 138  | 141  | 146  | 142  | 143   | 146  | 151  | 147  | 149  | 152  | 157  | 154  | 155  | 158  | 163  |      |       |    |    |  |    |    |       |  |  |  |  |  |
| 2000  | MBh   | 60.3                        | 61.1 | 62.9 | 65.5 | 59.8 | 60.6 | 62.3 | 65.0 | 58.3 | 59.1 | 60.8 | 63.5 | 55.7  | 56.5 | 58.3 | 60.9 | 52.6 | 53.4 | 55.1 | 57.7 | 49.7 | 50.5 | 52.2 | 54.9 |       |    |    |  |    |    |       |  |  |  |  |  |
|       | S/T   | 1.00                        | 0.98 | 0.84 | 0.7  | 1.00 | 0.98 | 0.85 | 0.7  | 1.00 | 1.00 | 0.87 | 0.7  | 1.00  | 1.00 | 0.89 | 0.7  | 1.00 | 1.00 | 0.92 | 0.8  | 1.00 | 1.00 | 1.00 | 0.8  |       |    |    |  |    |    |       |  |  |  |  |  |
|       | ΔT    | 29                          | 27   | 24   | 21   | 29   | 27   | 24   | 20   | 29   | 28   | 24   | 21   | 29    | 27   | 24   | 20   | 29   | 27   | 24   | 20   | 30   | 28   | 25   | 21   |       |    |    |  |    |    |       |  |  |  |  |  |
|       | kW    | 3.37                        | 3.36 | 3.35 | 3.4  | 3.79 | 3.79 | 3.78 | 3.8  | 4.27 | 4.26 | 4.26 | 4.3  | 4.78  | 4.78 | 4.77 | 4.8  | 5.36 | 5.35 | 5.35 | 5.4  | 6.03 | 6.03 | 6.02 | 6.1  |       |    |    |  |    |    |       |  |  |  |  |  |
|       | Amps  | 13.2                        | 13.2 | 13.2 | 13.3 | 15.2 | 15.1 | 15.1 | 15.3 | 17.3 | 17.3 | 17.3 | 17.4 | 19.7  | 19.7 | 19.7 | 19.8 | 22.3 | 22.3 | 22.3 | 22.4 | 25.4 | 25.4 | 25.4 | 25.5 |       |    |    |  |    |    |       |  |  |  |  |  |
|       | Hi PR | 248                         | 249  | 250  | 254  | 286  | 287  | 288  | 293  | 326  | 327  | 328  | 333  | 369   | 370  | 372  | 376  | 415  | 416  | 418  | 422  | 465  | 466  | 467  | 472  |       |    |    |  |    |    |       |  |  |  |  |  |
| Lo PR | 125   | 126                         | 129  | 134  | 132  | 133  | 136  | 141  | 138  | 140  | 143  | 148  | 144  | 145   | 148  | 153  | 149  | 150  | 153  | 158  | 155  | 157  | 160  | 165  |      |       |    |    |  |    |    |       |  |  |  |  |  |

IDB: Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects AHRI Rating Conditions.

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

EXPANDED HEATING DATA

DZ5SEA1810A\*+AMST30BU1400A\*

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 22.7                        | 21.2 | 19.8 | 18.3 | 17.4 | 16.7 | 15.0 | 13.4 | 12.1 | 11.1 | 10.4 | 10.0 | 9.5  | 8.3  | 7.0  | 5.8  | 4.6  |
| T/R   | 32.6                        | 30.8 | 28.9 | 27.1 | 26.0 | 25.0 | 22.4 | 20.0 | 18.0 | 16.6 | 15.5 | 14.9 | 14.2 | 12.4 | 10.5 | 8.7  | 6.8  |
| KW    | 1.4                         | 1.4  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.2  | 1.2  | 1.2  | 1.2  | 1.2  | 1.1  | 1.1  | 1.1  | 1.1  |
| AMPS  | 5.1                         | 5.0  | 4.9  | 4.8  | 4.7  | 4.7  | 4.6  | 4.5  | 4.4  | 4.3  | 4.2  | 4.1  | 4.1  | 4.0  | 3.9  | 3.8  | 3.7  |
| COP   | 4.79                        | 4.55 | 4.31 | 4.06 | 3.90 | 3.77 | 3.44 | 3.13 | 2.88 | 2.69 | 2.57 | 2.50 | 2.40 | 2.13 | 1.85 | 1.55 | 1.25 |
| Hi PR | 363                         | 351  | 339  | 327  | 320  | 315  | 304  | 292  | 280  | 268  | 257  | 249  | 245  | 233  | 221  | 209  | 198  |
| LO PR | 148                         | 139  | 130  | 121  | 115  | 111  | 102  | 93   | 84   | 74   | 65   | 60   | 56   | 47   | 38   | 28   | 19   |

DZ5SEA2410A\*+AMST30BU1400A\*

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 30.5                        | 28.4 | 26.4 | 24.5 | 23.2 | 22.2 | 19.8 | 17.7 | 15.9 | 14.5 | 13.5 | 13.0 | 12.3 | 10.6 | 8.9  | 7.2  | 5.5  |
| T/R   | 33.9                        | 32.0 | 30.0 | 28.0 | 26.9 | 25.7 | 23.0 | 20.4 | 18.4 | 16.8 | 15.7 | 15.0 | 14.3 | 12.3 | 10.3 | 8.4  | 6.4  |
| KW    | 2.0                         | 2.0  | 1.9  | 1.9  | 1.8  | 1.8  | 1.7  | 1.7  | 1.7  | 1.6  | 1.6  | 1.5  | 1.5  | 1.5  | 1.4  | 1.3  | 1.3  |
| AMPS  | 7.5                         | 7.3  | 7.1  | 6.9  | 6.7  | 6.6  | 6.4  | 6.2  | 5.9  | 5.7  | 5.5  | 5.4  | 5.3  | 5.0  | 4.8  | 4.6  | 4.4  |
| COP   | 4.41                        | 4.22 | 4.03 | 3.84 | 3.70 | 3.59 | 3.30 | 3.02 | 2.80 | 2.65 | 2.55 | 2.50 | 2.40 | 2.15 | 1.87 | 1.57 | 1.25 |
| Hi PR | 377                         | 365  | 353  | 340  | 333  | 328  | 316  | 304  | 291  | 279  | 267  | 259  | 254  | 242  | 230  | 218  | 205  |
| LO PR | 142                         | 133  | 124  | 116  | 110  | 107  | 98   | 89   | 80   | 71   | 62   | 57   | 54   | 45   | 36   | 27   | 18   |

DZ5SEA3010A\*+AMST30BU1400A\*

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 36.4                        | 34.2 | 32.0 | 29.8 | 28.4 | 27.4 | 24.8 | 22.4 | 20.5 | 19.0 | 18.0 | 17.4 | 16.7 | 14.8 | 13.0 | 11.2 | 9.3  |
| T/R   | 32.4                        | 30.7 | 29.0 | 27.3 | 26.3 | 25.4 | 23.0 | 20.8 | 18.9 | 17.6 | 16.6 | 16.1 | 15.4 | 13.7 | 12.0 | 10.3 | 8.6  |
| KW    | 2.4                         | 2.3  | 2.3  | 2.3  | 2.2  | 2.2  | 2.2  | 2.2  | 2.1  | 2.1  | 2.1  | 2.0  | 2.0  | 2.0  | 2.0  | 1.9  | 1.9  |
| AMPS  | 8.7                         | 8.6  | 8.4  | 8.3  | 8.2  | 8.1  | 8.0  | 7.8  | 7.7  | 7.5  | 7.4  | 7.3  | 7.2  | 7.1  | 6.9  | 6.8  | 6.6  |
| COP   | 4.49                        | 4.28 | 4.06 | 3.85 | 3.70 | 3.59 | 3.31 | 3.04 | 2.81 | 2.66 | 2.56 | 2.50 | 2.41 | 2.18 | 1.95 | 1.70 | 1.45 |
| Hi PR | 385                         | 373  | 360  | 348  | 340  | 335  | 323  | 310  | 298  | 285  | 273  | 265  | 260  | 248  | 235  | 222  | 210  |
| LO PR | 137                         | 129  | 120  | 112  | 107  | 103  | 95   | 86   | 77   | 69   | 60   | 55   | 52   | 43   | 35   | 26   | 18   |

DZ5SEA3610A\*+AMST42CU1400A\*

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 44.8                        | 41.9 | 39.0 | 36.2 | 34.4 | 33.1 | 29.7 | 26.6 | 24.0 | 22.1 | 20.8 | 20.0 | 19.0 | 16.6 | 14.2 | 11.8 | 9.4  |
| T/R   | 36.9                        | 34.8 | 32.8 | 30.7 | 29.5 | 28.4 | 25.5 | 22.8 | 20.6 | 19.0 | 17.8 | 17.1 | 16.3 | 14.3 | 12.2 | 10.1 | 8.1  |
| KW    | 3.1                         | 3.1  | 3.0  | 2.9  | 2.9  | 2.9  | 2.8  | 2.7  | 2.6  | 2.6  | 2.5  | 2.4  | 2.4  | 2.3  | 2.3  | 2.2  | 2.1  |
| AMPS  | 12.0                        | 11.6 | 11.3 | 11.0 | 10.8 | 10.7 | 10.4 | 10.0 | 9.7  | 9.4  | 9.1  | 8.9  | 8.8  | 8.5  | 8.1  | 7.8  | 7.5  |
| COP   | 4.17                        | 4.00 | 3.81 | 3.63 | 3.50 | 3.40 | 3.13 | 2.88 | 2.68 | 2.54 | 2.45 | 2.40 | 2.31 | 2.08 | 1.84 | 1.58 | 1.30 |
| Hi PR | 397                         | 384  | 371  | 358  | 351  | 345  | 332  | 320  | 307  | 294  | 281  | 273  | 268  | 255  | 242  | 229  | 216  |
| LO PR | 133                         | 125  | 117  | 108  | 104  | 100  | 92   | 84   | 75   | 67   | 59   | 54   | 50   | 42   | 34   | 26   | 17   |

**DZ5SEA4210A\*+AMST42CU1400A\***

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 51.6                        | 48.3 | 45.2 | 42.0 | 40.0 | 38.5 | 34.8 | 31.3 | 28.5 | 26.4 | 24.8 | 24.0 | 22.9 | 20.3 | 17.6 | 14.9 | 12.3 |
| T/R   | 34.3                        | 32.4 | 30.6 | 28.7 | 27.6 | 26.6 | 24.0 | 21.6 | 19.7 | 18.2 | 17.2 | 16.6 | 15.8 | 14.0 | 12.2 | 10.3 | 8.5  |
| KW    | 3.5                         | 3.4  | 3.3  | 3.3  | 3.3  | 3.2  | 3.2  | 3.1  | 3.1  | 3.0  | 3.0  | 2.9  | 2.9  | 2.9  | 2.8  | 2.7  | 2.7  |
| AMPS  | 12.9                        | 12.6 | 12.4 | 12.2 | 12.0 | 11.9 | 11.7 | 11.5 | 11.2 | 11.0 | 10.8 | 10.6 | 10.5 | 10.3 | 10.0 | 9.8  | 9.6  |
| COP   | 4.38                        | 4.17 | 3.96 | 3.74 | 3.60 | 3.49 | 3.21 | 2.94 | 2.72 | 2.56 | 2.46 | 2.40 | 2.31 | 2.08 | 1.84 | 1.59 | 1.34 |
| Hi PR | 395                         | 382  | 369  | 356  | 348  | 343  | 330  | 318  | 305  | 292  | 279  | 271  | 266  | 253  | 241  | 228  | 215  |
| LO PR | 132                         | 124  | 115  | 107  | 102  | 99   | 91   | 83   | 74   | 66   | 58   | 53   | 50   | 42   | 33   | 25   | 17   |

**DZ5SEA4810A\*+AMST48CU1400A\***

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 59.1                        | 55.4 | 51.8 | 48.3 | 46.0 | 44.4 | 40.2 | 36.2 | 33.0 | 30.7 | 28.9 | 28.0 | 26.8 | 23.8 | 20.8 | 17.8 | 14.8 |
| T/R   | 36.0                        | 34.1 | 32.2 | 30.3 | 29.2 | 28.1 | 25.5 | 23.0 | 20.9 | 19.4 | 18.3 | 17.8 | 17.0 | 15.1 | 13.2 | 11.3 | 9.4  |
| KW    | 3.9                         | 3.8  | 3.7  | 3.7  | 3.6  | 3.6  | 3.6  | 3.5  | 3.4  | 3.4  | 3.3  | 3.3  | 3.3  | 3.2  | 3.1  | 3.1  | 3.0  |
| AMPS  | 14.5                        | 14.2 | 13.9 | 13.7 | 13.5 | 13.4 | 13.2 | 12.9 | 12.6 | 12.4 | 12.1 | 12.0 | 11.9 | 11.6 | 11.3 | 11.1 | 10.8 |
| COP   | 4.48                        | 4.27 | 4.06 | 3.85 | 3.70 | 3.59 | 3.31 | 3.03 | 2.81 | 2.66 | 2.55 | 2.50 | 2.41 | 2.18 | 1.94 | 1.69 | 1.44 |
| Hi PR | 433                         | 419  | 405  | 391  | 382  | 376  | 362  | 348  | 334  | 320  | 306  | 298  | 292  | 278  | 264  | 250  | 236  |
| LO PR | 137                         | 128  | 120  | 111  | 106  | 103  | 94   | 86   | 77   | 69   | 60   | 55   | 52   | 43   | 35   | 26   | 18   |

**DZ5SEA6010A\*+AMST60DU1400A\***

|       | OUTDOOR AMBIENT TEMPERATURE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   |
| MBh   | 71.1                        | 67.2 | 63.3 | 59.5 | 57.0 | 55.2 | 51.0 | 46.4 | 43.2 | 40.7 | 38.9 | 38.0 | 36.7 | 33.6 | 30.4 | 27.2 | 24.1 |
| T/R   | 35.4                        | 33.7 | 32.1 | 30.5 | 29.5 | 28.6 | 26.4 | 24.2 | 22.4 | 21.1 | 20.1 | 19.7 | 19.0 | 17.4 | 15.7 | 14.1 | 12.4 |
| KW    | 4.7                         | 4.7  | 4.6  | 4.6  | 4.5  | 4.5  | 4.4  | 4.4  | 4.3  | 4.2  | 4.2  | 4.1  | 4.1  | 4.0  | 4.0  | 3.9  | 3.8  |
| AMPS  | 17.8                        | 17.5 | 17.2 | 17.0 | 16.8 | 16.7 | 16.4 | 16.1 | 15.8 | 15.5 | 15.3 | 15.1 | 15.0 | 14.7 | 14.4 | 14.1 | 13.8 |
| COP   | 4.39                        | 4.20 | 4.02 | 3.83 | 3.70 | 3.60 | 3.38 | 3.12 | 2.95 | 2.82 | 2.74 | 2.70 | 2.63 | 2.44 | 2.24 | 2.04 | 1.84 |
| Hi PR | 427                         | 413  | 400  | 386  | 377  | 372  | 358  | 344  | 330  | 316  | 302  | 294  | 288  | 274  | 261  | 247  | 233  |
| LO PR | 130                         | 122  | 114  | 105  | 101  | 97   | 89   | 81   | 73   | 65   | 57   | 52   | 49   | 41   | 33   | 25   | 17   |

Shaded area is AHRI Rating Conditions at 47 degree F outdoor ambient temperature

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power

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PERFORMANCE DATA

| DZ5SEA1810A* + AMST30BU1400A*                   |               |                |              |              |
|---|---------------|----------------|--------------|--------------|
| CONDITIONS: 80 °F IBD, 67 °F IWB @ 620 CFM      |               |                |              |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS  |
| 75  | 18,850        | 13,650         | 5,200        | 1,100        |
| 80  | 18,650        | 13,750         | 4,900        | 1,160        |
| 85  | 18,400        | 13,800         | 4,600        | 1,220        |
| 90  | 18,000        | 13,650         | 4,350        | 1,290        |
| <b>95</b>                                       | <b>17,600</b> | <b>13,500</b>  | <b>4,100</b> | <b>1,350</b> |
| 100   | 17,100        | 13,350         | 3,750        | 1,430        |
| 105   | 16,600        | 13,150         | 3,450        | 1,500        |
| 110   | 16,150        | 13,200         | 2,950        | 1,590        |
| 115   | 15,700        | 13,250         | 2,450        | 1,670        |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB |               |                |              |              |
| 95°   | 16,950        | 13,200         | 3,750        | 1,350        |

| DZ5SEA2410A* + AMST30BU1400A*                   |               |                |              |              |
|---|---------------|----------------|--------------|--------------|
| CONDITIONS: 80 °F IBD, 67 °F IWB @ 800 CFM      |               |                |              |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS  |
| 75  | 24,900        | 17,950         | 6,950        | 1,440        |
| 80  | 24,600        | 18,050         | 6,550        | 1,530        |
| 85  | 24,250        | 18,150         | 6,100        | 1,610        |
| 90  | 23,750        | 18,000         | 5,750        | 1,700        |
| <b>95</b>                                       | <b>23,200</b> | <b>17,800</b>  | <b>5,400</b> | <b>1,780</b> |
| 100   | 22,550        | 17,550         | 5,000        | 1,880        |
| 105   | 21,900        | 17,300         | 4,600        | 1,980        |
| 110   | 21,300        | 17,400         | 3,900        | 2,100        |
| 115   | 20,700        | 17,450         | 3,250        | 2,210        |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB |               |                |              |              |
| 95°   | 22,350        | 17,400         | 4,950        | 1,780        |

| DZ5SEA3010A* + AMST30BU1400A*                   |               |                |              |              |
|---|---------------|----------------|--------------|--------------|
| CONDITIONS: 80 °F IBD, 67 °F IWB @ 1000 CFM     |               |                |              |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS  |
| 75  | 30,450        | 22,350         | 8,100        | 1,820        |
| 80  | 30,100        | 22,450         | 7,650        | 1,920        |
| 85  | 29,700        | 22,550         | 7,150        | 2,020        |
| 90  | 29,050        | 22,350         | 6,700        | 2,140        |
| <b>95</b>                                       | <b>28,400</b> | <b>22,150</b>  | <b>6,250</b> | <b>2,250</b> |
| 100   | 27,600        | 21,850         | 5,750        | 2,380        |
| 105   | 26,800        | 21,500         | 5,300        | 2,500        |
| 110   | 26,100        | 21,600         | 4,500        | 2,650        |
| 115   | 25,350        | 21,700         | 3,650        | 2,790        |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB |               |                |              |              |
| 95°   | 27,400        | 21,650         | 5,750        | 2,250        |

| DZ5SEA3610A* + AMST42CU1400A*                   |               |                |              |              |
|---|---------------|----------------|--------------|--------------|
| CONDITIONS: 80 °F IBD, 67 °F IWB @ 1200 CFM     |               |                |              |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS  |
| 75  | 37,800        | 27,300         | 10,500       | 2,170        |
| 80  | 37,350        | 27,450         | 9,900        | 2,310        |
| 85  | 36,900        | 27,550         | 9,350        | 2,440        |
| 90  | 36,100        | 27,300         | 8,800        | 2,590        |
| <b>95</b>                                       | <b>35,300</b> | <b>27,000</b>  | <b>8,300</b> | <b>2,730</b> |
| 100   | 34,350        | 26,650         | 7,700        | 2,890        |
| 105   | 33,350        | 26,250         | 7,100        | 3,050        |
| 110   | 32,450        | 26,350         | 6,100        | 3,240        |
| 115   | 31,550        | 26,400         | 5,150        | 3,430        |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB |               |                |              |              |
| 95°   | 34,050        | 26,400         | 7,650        | 2,730        |

| DZ5SEA4210A* + AMST42CU1400A*                   |               |                |              |              |
|---|---------------|----------------|--------------|--------------|
| CONDITIONS: 80 °F IBD, 67 °F IWB @ 1340 CFM     |               |                |              |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H | TOTAL WATTS  |
| 75  | 42,900        | 30,850         | 12,050       | 2,500        |
| 80  | 42,400        | 31,000         | 11,400       | 2,640        |
| 85  | 41,850        | 31,150         | 10,700       | 2,780        |
| 90  | 40,950        | 30,850         | 10,100       | 2,940        |
| <b>95</b>                                       | <b>40,000</b> | <b>30,550</b>  | <b>9,450</b> | <b>3,090</b> |
| 100   | 38,900        | 30,150         | 8,750        | 3,260        |
| 105   | 37,750        | 29,700         | 8,050        | 3,430        |
| 110   | 36,750        | 29,850         | 6,900        | 3,630        |
| 115   | 35,750        | 29,950         | 5,800        | 3,830        |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB |               |                |              |              |
| 95°   | 38,550        | 29,850         | 8,700        | 3,090        |

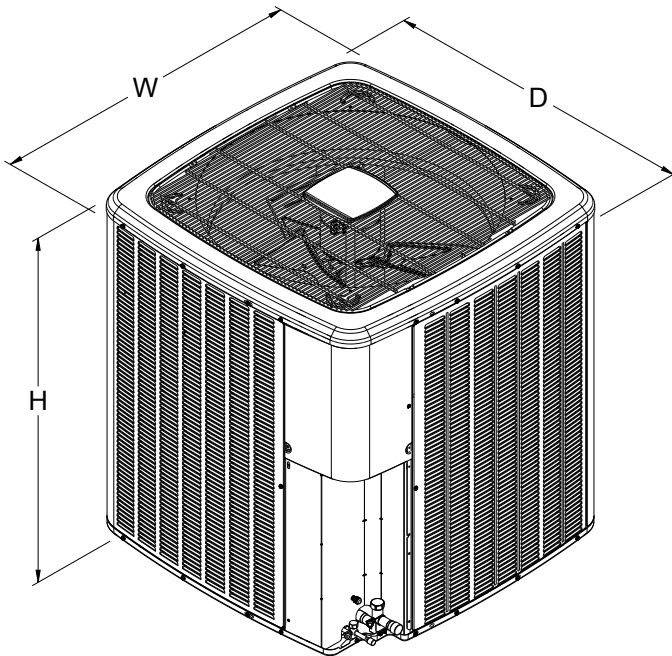
| DZ5SEA4810A* + AMST48CU1400A*                   |               |                |               |              |
|---|---------------|----------------|---------------|--------------|
| CONDITIONS: 80 °F IBD, 67 °F IWB @ 1600 CFM     |               |                |               |              |
| OUTDOOR TEM. ° F.                               | TOTAL BTU/H   | SENSIBLE BTU/H | LATENT BTU/H  | TOTAL WATTS  |
| 75  | 49,350        | 35,900         | 13,450        | 2,820        |
| 80  | 48,750        | 36,050         | 12,700        | 2,980        |
| 85  | 48,150        | 36,200         | 11,950        | 3,140        |
| 90  | 47,100        | 35,850         | 11,250        | 3,320        |
| <b>95</b>                                       | <b>46,050</b> | <b>35,500</b>  | <b>10,550</b> | <b>3,500</b> |
| 100   | 44,800        | 35,000         | 9,800         | 3,700        |
| 105   | 43,500        | 34,450         | 9,050         | 3,890        |
| 110   | 42,350        | 34,600         | 7,750         | 4,130        |
| 115   | 41,200        | 34,700         | 6,500         | 4,360        |
| TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB |               |                |               |              |
| 95°   | 44,450        | 34,700         | 9,750         | 3,500        |

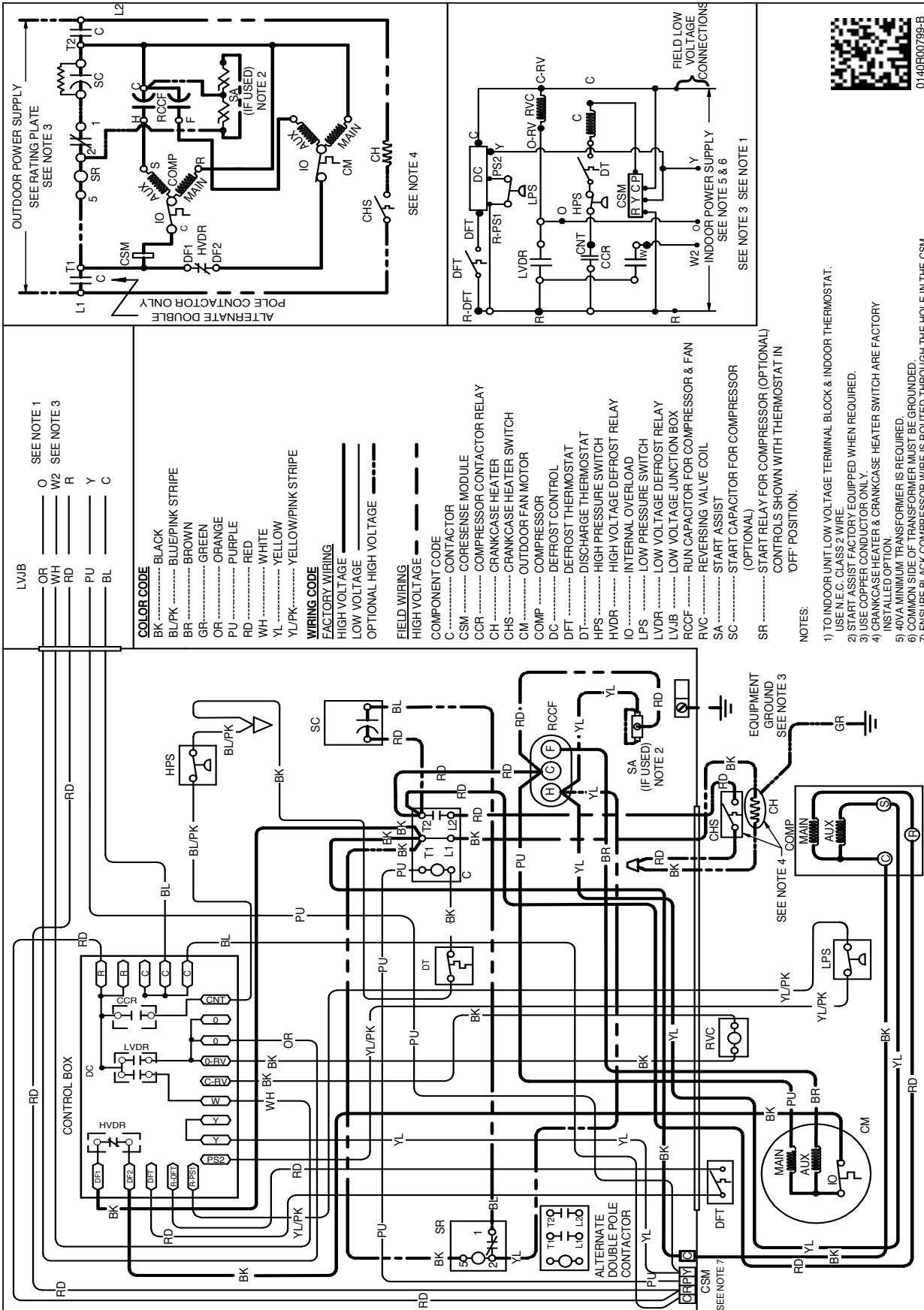
| DZ5SEA6010A* + AMST60DU1400A*                   |               |                  |                |               |
|---|---------------|------------------|----------------|---------------|
| CONDITIONS: 80 °F IBD, 67 °F IWB @ 1800 CFM     |               |                  |                |               |
| "OUTDOOR TEM. ° F."                             | "TOTAL BTU/H" | "SENSIBLE BTU/H" | "LATENT BTU/H" | "TOTAL WATTS" |
| 75  | 60,600        | 43,350           | 17,250         | 3,760         |
| 80  | 59,850        | 43,550           | 16,300         | 4,000         |
| 85  | 59,100        | 43,750           | 15,350         | 4,230         |
| 90  | 57,800        | 43,350           | 14,450         | 4,490         |
| <b>95</b>                                       | <b>56,500</b> | <b>42,950</b>    | <b>13,550</b>  | <b>4,750</b>  |
| 100   | 54,950        | 42,350           | 12,600         | 5,040         |
| 105   | 53,350        | 41,750           | 11,600         | 5,320         |
| 110   | 51,900        | 41,950           | 9,950          | 5,660         |
| 115   | 50,450        | 42,100           | 8,350          | 6,000         |
| TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB |               |                  |                |               |
| 95°   | 54,500        | 42,000           | 12,500         | 4,750         |

***ALL AHRI SYSTEM RATINGS ARE ACCESSIBLE IN THE UNITARY MATCHUP TOOL VIA DAIKIN CITY OR IN THE DAIKIN SYSTEM CONFIGURATOR TOOL VIA PARTNERLINK.***

# DIMENSIONS

| MODEL        | DIMENSIONS |     |     |
|--------------|------------|-----|-----|
|              | W"         | D"  | H"  |
| DZ5SEA1810A* | 29         | 29  | 39½ |
| DZ5SEA2410A* | 35½        | 35½ | 35½ |
| DZ5SEA3010A* | 35½        | 35½ | 39½ |
| DZ5SEA3610A* | 35½        | 35½ | 39½ |
| DZ5SEA4210A* | 35½        | 35½ | 35½ |
| DZ5SEA4810A* | 35½        | 35½ | 36½ |
| DZ5SEA6010A* | 35½        | 35½ | 41½ |





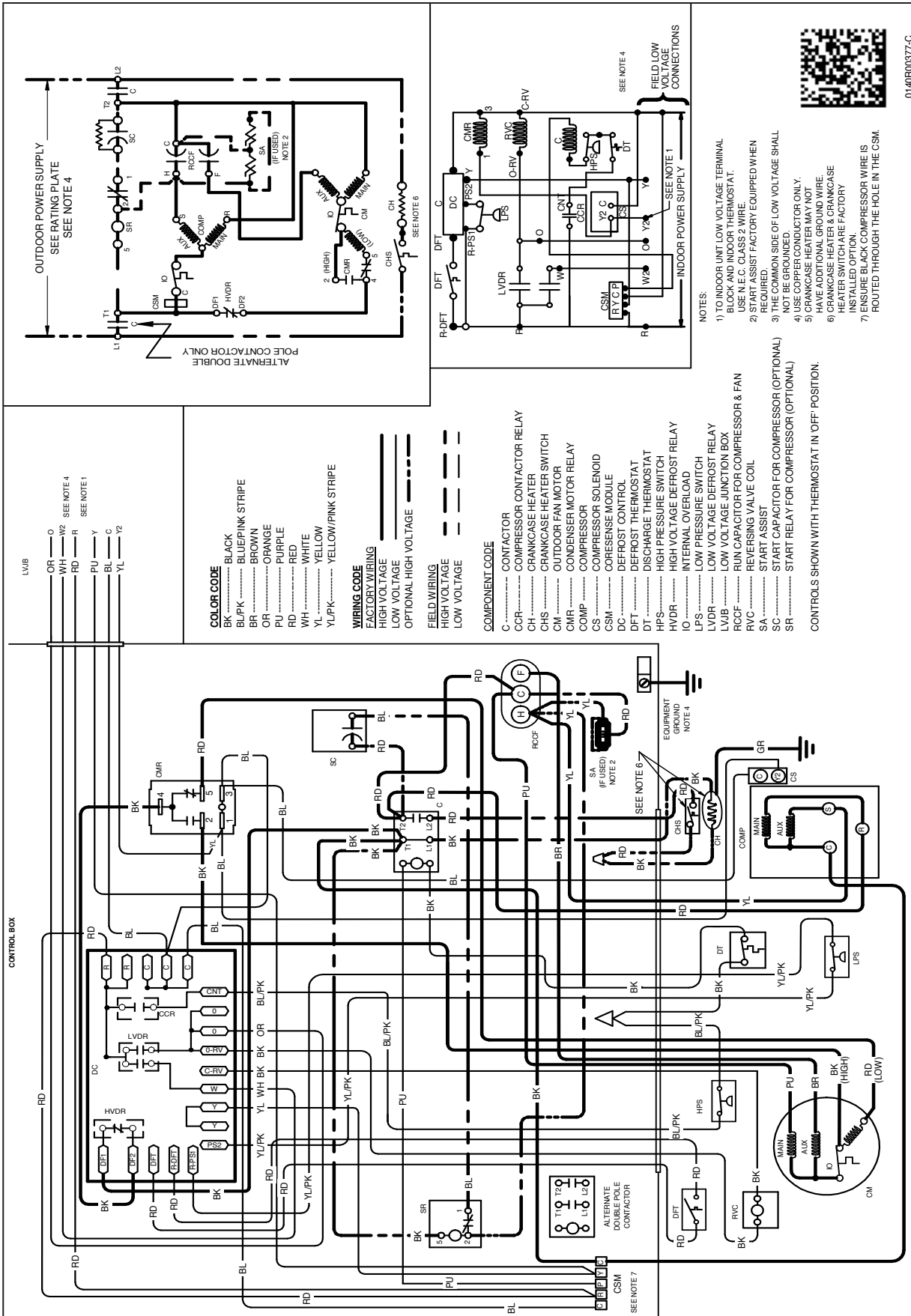
**WARNING**

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

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







0140R00377-C

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

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

ACCESSORIES

| MODEL #                   | DESCRIPTION                           | DZ5SEA<br>1810A* | DZ5SEA<br>2410A* | DZ5SEA<br>3010A* | DZ5SEA<br>3610A* | DZ5SEA<br>4210A* | DZ5SEA<br>4810A* | DZ5SEA<br>6010A* |
|---------------------------|---------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| ABK-20                    | Anchor Bracket Kit <sup>◊</sup>       | X                | X                | X                | X                | X                | X                | X                |
| CSR-U-1                   | Hard-start Kit                        | X                | X                | X                | X                |                  |                  |                  |
| CSR-U-2                   | Hard-start Kit                        |                  |                  |                  |                  | X                | X                | X                |
| CSR-U-3                   | Hard-start Kit                        |                  |                  |                  |                  |                  | X                | X                |
| FSK01A <sup>1</sup>       | Freeze Protection Kit                 | X                | X                | X                | X                | X                | X                | X                |
| LAKT01A                   | Low-Ambient Kit                       | X                | X                | X                |                  | X                | X                | X                |
| OT18-60A <sup>2</sup>     | Outdoor Thermostat<br>w/ Lockout Stat | X                | X                | X                | X                | X                | X                | X                |
| TXV-FX-KX-2T <sup>3</sup> | TXV Kit                               | X                | X                |                  |                  |                  |                  |                  |
| TXV-FX-KX-3T <sup>3</sup> | TXV Kit                               |                  |                  | X                | X                |                  |                  |                  |
| TXV-FX-KX-5T <sup>3</sup> | TXV Kit                               |                  |                  |                  |                  | X                | X                | X                |

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

<sup>1</sup> Installed on indoor coil

<sup>2</sup> Required for heat pump applications where ambient temperatures fall below 0°F with 50% or higher relative humidity.

<sup>3</sup> Condensing units and heat pumps with reciprocating or rotary compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit. The TXV should always be sized based on the tonnage of the outdoor unit.



