



Air Conditioning & Heating

## PRODUCT SPECIFICATIONS



# 18 SEER R-410A

**COOLING CAPACITY: 35,000 - 56,500 BTU/h**

**HEATING CAPACITY: 33,600 - 56,400 BTU/h**



\* To receive the Lifetime Compressor Limited Warranty and 10-Year Parts Warranty, online registration must be completed within 60 days of installation. Full warranty details available at [www.goodmanmfg.com](http://www.goodmanmfg.com).

# DSZ18

## SPLIT SYSTEM HEAT PUMP

The Goodman® brand DSZ18 Heat Pumps offer energy efficiencies and operating sound levels that are among the best in the heating and cooling industry. Our quality manufacturing, easy installation, and maintenance make this unit one of the best values on the market.

### Standard Features

- R-410A chlorine-free refrigerant
- Two-Stage Copeland® UltraTech Scroll compressor
- High-density foam compressor cover
- Copeland® ComfortAlert diagnostics
- Low-pressure switch
- Fully charged for 15' of tubing length
- Factory-installed bi-flow liquid line filter dryer
- Liquid refrigerant return protection
- Super-efficient condenser fan motor
- Copper tube, enhanced aluminum fin coil
- Sweat connection service valves with easy access to gauge ports
- ARI Certified; ETL Listed

### Cabinet Features

- Goodman® sound control top design
- Wire fan discharge grille
- Steel louver coil guard
- Baked-on powder paint finish
- Rust-resistant coated screws
- Compact footprint
- Top and side maintenance access
- Single panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds

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NOMENCLATURE

|   | D                                     | S | Z | 18  | 036   | 1                                      | A   | A  |                         |  |
|---|---------------------------------------|---|---|-----|-------|--|---|----|-------------------------|--|
|   | 1                                     | 2 | 3 | 4,5 | 6,7,8 | 9                                      | 10  | 11 |                         |  |
| <b>Brand</b>  | D Goodman High-Feature Set, Two Stage |   |   |     |       |  | <b>Engineering *</b><br>Minor Revision  |    |                         |  |
| <b>Product Category</b>                                 | S Split System                        |   |   |     |       | <b>Engineering *</b><br>Major Revision |   |    |                         |  |
| <b>Unit Type</b>  | X Condenser R-410A                    |   |   |     |       |  | <b>Electrical</b>   |    |                         |  |
|   | Z Heat Pump R-410A                    |   |   |     |       |  | 1 208/230 V, 1 Phase, 60 Hz<br>2 220/240 V, 1 Phase, 50 Hz<br>3 208/230 V, 3 Phase, 60 Hz<br>4 460 V, 3 Phase, 60 Hz<br>5 380/415 V, 3 Phase, 50 Hz |    |                         |  |
| <b>Efficiency</b>                                       | 13 13 SEER                            |   |   |     |       |  |   |    | <b>Nominal Capacity</b> |  |
|   | 14 14 SEER                            |   |   |     |       |  |   |    | 018 1½ Tons 048 4 Tons  |  |
|   | 16 16 SEER                            |   |   |     |       |  |   |    | 024 2 Tons 060 5 Tons   |  |
|   | 18 18 SEER                            |   |   |     |       |  |   |    | 030 2½ Tons 090 7½ tons |  |
|   |                                       |   |   |     |       |  |   |    | 036 3 Tons 120 10 Tons  |  |
|   |                                       |   |   |     |       |  |   |    | 042 3½ Tons             |  |
| * Neither used for order entry or inventory management. |                                       |   |   |     |       |  |   |    |                         |  |

**Important EnergyStar Notice:** 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 EnergyStar criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).

## SPECIFICATIONS

|  | DSZ18<br>0361A | DSZ18<br>0481A | DSZ18<br>0601A |
|--|----------------|----------------|----------------|
| <b>Cooling Capacity</b>                  |                |                |                |
| Nominal Cooling (BTU/h)                  | 35,000         | 47,000         | 57,000         |
| Nominal Heating (BTU/h)                  | 35,000         | 47,000         | 57,000         |
| Decibels                                 | 72             | 73             | 75             |
| <b>Compressor</b>                        |                |                |                |
| RLA                                      | 16.6           | 21.1           | 25.6           |
| LRA                                      | 82             | 96             | 118            |
| <b>Condenser Fan Motor</b>               |                |                |                |
| Horsepower (RPM)                         | 1/3            | 1/3            | 1/3            |
| FLA                                      | 2.80           | 2.80           | 2.80           |
| <b>Refrigeration System</b>              |                |                |                |
| Liquid Valve Size ("O.D.)                | 3/8"           | 3/8"           | 3/8"           |
| Suction Valve Size ("O.D.)               | 7/8"           | 1 1/8"         | 1 1/8"         |
| Valve Connection Type                    | Sweat          | Sweat          | Sweat          |
| Refrigerant Charge                       | TBD            | TBD            | TBD            |
| Expansion Device                         | TXV            | TXV            | TXV            |
| Superheat at Service Valve               | 5-7°F          | 5-7°F          | 5-7°F          |
| Subcooling at Service Valve              | 8-10°F         | 8-10°F         | 8-10°F         |
| <b>Electrical Data</b>                   |                |                |                |
| Voltage-Phase-Hz                         | 208/230-1-60   | 208/230-1-60   | 208/230-1-60   |
| Minimum Circuit Ampacity <sup>1</sup>    | 23.6           | 29.2           | 34.8           |
| Max. Overcurrent Protection <sup>2</sup> | 40 amps        | 50 amps        | 60 amps        |
| Min / Max Volts                          | 197 / 253      | 197 / 253      | 197 / 253      |
| Electrical Conduit Size                  | 1/2" or 3/4"   | 1/2" or 3/4"   | 1/2" or 3/4"   |
| <b>Ship Weight (lbs)</b>                 | 285            | 330            | 350            |

<sup>1</sup> Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

<sup>2</sup> May use 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.
- Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil. THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT NOT THE INDOOR COIL.

EXPANDED COOLING DATA — DSZ180361A\* LOW STAGE

| 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   | 956     | MBh                         | 24.8 | 25.7 | 28.1 | -    | 24.2 | 25.1 | 27.5 | -    | 23.6 | 24.5 | 26.8 | -    | 23.1 | 23.9 | 26.2 | -     | 21.9 | 22.7 | 24.9 | -     | 20.3 | 21.0 | 23.0 | - |
|      |         | S/T                         | 0.77 | 0.64 | 0.44 | -    | 0.79 | 0.66 | 0.46 | -    | 0.81 | 0.68 | 0.47 | -    | 0.84 | 0.70 | 0.49 | -     | 0.87 | 0.73 | 0.50 | -     | 0.88 | 0.73 | 0.51 | - |
|      | ΔT      | 18                          | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 19   | 16   | 12   | -    | 18    | 16   | 12   | -    | 17    | 15   | 11   | -    |   |
|      | kW      | 1.34                        | 1.37 | 1.42 | -    | 1.45 | 1.48 | 1.54 | -    | 1.55 | 1.58 | 1.64 | -    | 1.63 | 1.67 | 1.73 | -    | 1.71  | 1.75 | 1.81 | -    | 1.77  | 1.81 | 1.88 | -    |   |
|      | Amps    | 5.3                         | 5.4  | 5.6  | -    | 5.7  | 5.9  | 6.1  | -    | 6.2  | 6.4  | 6.6  | -    | 6.7  | 6.8  | 7.1  | -    | 7.1   | 7.3  | 7.5  | -    | 7.5   | 7.7  | 8.0  | -    |   |
|      | HiPR    | 209                         | 225  | 237  | -    | 234  | 252  | 266  | -    | 267  | 287  | 303  | -    | 304  | 327  | 345  | -    | 342   | 368  | 388  | -    | 377   | 406  | 429  | -    |   |
|      | LoPR    | 111                         | 118  | 128  | -    | 117  | 124  | 136  | -    | 121  | 129  | 141  | -    | 128  | 136  | 148  | -    | 134   | 142  | 155  | -    | 138   | 147  | 161  | -    |   |
|      | MBh     | 24.1                        | 24.9 | 27.3 | -    | 23.5 | 24.4 | 26.7 | -    | 22.9 | 23.8 | 26.1 | -    | 22.4 | 23.2 | 25.4 | -    | 21.3  | 22.0 | 24.1 | -    | 19.7  | 20.4 | 22.4 | -    |   |
|      | S/T     | 0.73                        | 0.61 | 0.42 | -    | 0.76 | 0.63 | 0.44 | -    | 0.78 | 0.65 | 0.45 | -    | 0.80 | 0.67 | 0.46 | -    | 0.83  | 0.69 | 0.48 | -    | 0.84  | 0.70 | 0.48 | -    |   |
|      | ΔT      | 19                          | 16   | 12   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 19    | 17   | 13   | -    | 18    | 15   | 12   | -    |   |
| kW   | 1.33    | 1.36                        | 1.40 | -    | 1.44 | 1.47 | 1.52 | -    | 1.54 | 1.57 | 1.63 | -    | 1.62 | 1.66 | 1.72 | -    | 1.69 | 1.73  | 1.79 | -    | 1.76 | 1.80  | 1.86 | -    |      |   |
| Amps | 5.3     | 5.4                         | 5.6  | -    | 5.7  | 5.8  | 6.0  | -    | 6.2  | 6.3  | 6.5  | -    | 6.6  | 6.8  | 7.0  | -    | 7.0  | 7.2   | 7.5  | -    | 7.5  | 7.6   | 7.9  | -    |      |   |
| HiPR | 207     | 223                         | 235  | -    | 232  | 250  | 264  | -    | 264  | 284  | 300  | -    | 301  | 324  | 342  | -    | 338  | 364   | 384  | -    | 374  | 402   | 425  | -    |      |   |
| LoPR | 110     | 117                         | 127  | -    | 116  | 123  | 134  | -    | 120  | 128  | 140  | -    | 126  | 134  | 147  | -    | 132  | 141   | 154  | -    | 137  | 146   | 159  | -    |      |   |
| MBh  | 22.2    | 23.0                        | 25.2 | -    | 21.7 | 22.5 | 24.6 | -    | 21.2 | 21.9 | 24.0 | -    | 20.7 | 21.4 | 23.5 | -    | 19.6 | 20.3  | 22.3 | -    | 18.2 | 18.8  | 20.6 | -    |      |   |
| S/T  | 0.70    | 0.59                        | 0.41 | -    | 0.73 | 0.61 | 0.42 | -    | 0.75 | 0.62 | 0.43 | -    | 0.77 | 0.64 | 0.45 | -    | 0.80 | 0.67  | 0.46 | -    | 0.81 | 0.67  | 0.47 | -    |      |   |
| ΔT   | 19      | 17                          | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 19   | 17    | 13   | -    | 18   | 16    | 12   | -    |      |   |
| kW   | 1.29    | 1.32                        | 1.37 | -    | 1.40 | 1.43 | 1.48 | -    | 1.50 | 1.53 | 1.58 | -    | 1.58 | 1.61 | 1.67 | -    | 1.65 | 1.69  | 1.75 | -    | 1.71 | 1.75  | 1.81 | -    |      |   |
| Amps | 5.1     | 5.2                         | 5.4  | -    | 5.5  | 5.7  | 5.9  | -    | 6.0  | 6.2  | 6.4  | -    | 6.4  | 6.6  | 6.8  | -    | 6.8  | 7.0   | 7.2  | -    | 7.2  | 7.4   | 7.7  | -    |      |   |
| HiPR | 201     | 216                         | 228  | -    | 225  | 242  | 256  | -    | 256  | 276  | 291  | -    | 292  | 314  | 331  | -    | 328  | 353   | 373  | -    | 363  | 390   | 412  | -    |      |   |
| LoPR | 106     | 113                         | 123  | -    | 112  | 119  | 130  | -    | 117  | 124  | 135  | -    | 123  | 130  | 142  | -    | 128  | 137   | 149  | -    | 133  | 141   | 154  | -    |      |   |

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75   | 956  | MBh  | 25.2 | 25.9 | 28.1 | 30.1 | 24.6 | 25.3 | 27.4 | 29.4 | 24.0 | 24.7 | 26.8 | 28.7 | 23.4 | 24.1 | 26.1 | 28.0 | 22.3 | 22.9 | 24.8 | 26.6 | 20.6 | 21.2 | 23.0 | 24.7 |
|      |      | S/T  | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.92 | 0.83 | 0.63 | 0.40 | 0.95 | 0.85 | 0.65 | 0.42 | 0.99 | 0.89 | 0.67 | 0.43 | 1.00 | 0.89 | 0.68 | 0.44 |
|      | ΔT   | 21   | 19   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 20   | 18   | 15   | 10   |      |
|      | kW   | 1.35 | 1.38 | 1.43 | 1.48 | 1.46 | 1.50 | 1.55 | 1.60 | 1.56 | 1.60 | 1.65 | 1.71 | 1.65 | 1.69 | 1.75 | 1.81 | 1.72 | 1.76 | 1.83 | 1.89 | 1.79 | 1.83 | 1.89 | 1.96 |      |
|      | Amps | 5.4  | 5.5  | 5.7  | 5.9  | 5.8  | 5.9  | 6.1  | 6.4  | 6.3  | 6.5  | 6.7  | 6.9  | 6.7  | 6.9  | 7.1  | 7.4  | 7.2  | 7.3  | 7.6  | 7.9  | 7.6  | 7.8  | 8.0  | 8.4  |      |
|      | HiPR | 211  | 227  | 240  | 250  | 237  | 255  | 269  | 281  | 269  | 290  | 306  | 319  | 307  | 330  | 349  | 364  | 345  | 371  | 392  | 409  | 381  | 410  | 433  | 452  |      |
|      | LoPR | 112  | 119  | 130  | 138  | 118  | 126  | 137  | 146  | 123  | 131  | 143  | 152  | 129  | 137  | 150  | 159  | 135  | 144  | 157  | 167  | 140  | 149  | 162  | 173  |      |
|      | MBh  | 24.5 | 25.2 | 27.3 | 29.3 | 23.9 | 24.6 | 26.6 | 28.6 | 23.3 | 24.0 | 26.0 | 27.9 | 22.8 | 23.4 | 25.4 | 27.2 | 21.6 | 22.3 | 24.1 | 25.9 | 20.0 | 20.6 | 22.3 | 24.0 |      |
|      | S/T  | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.91 | 0.81 | 0.62 | 0.40 | 0.94 | 0.85 | 0.64 | 0.41 | 0.95 | 0.85 | 0.64 | 0.41 |      |
|      | ΔT   | 22   | 20   | 17   | 11   | 22   | 20   | 17   | 12   | 22   | 20   | 17   | 12   | 22   | 21   | 17   | 12   | 22   | 20   | 17   | 12   | 21   | 19   | 16   | 11   |      |
| kW   | 1.34 | 1.37 | 1.42 | 1.47 | 1.45 | 1.48 | 1.54 | 1.59 | 1.55 | 1.59 | 1.64 | 1.70 | 1.64 | 1.67 | 1.73 | 1.79 | 1.71 | 1.75 | 1.81 | 1.87 | 1.77 | 1.81 | 1.88 | 1.95 |      |      |
| Amps | 5.3  | 5.4  | 5.6  | 5.8  | 5.7  | 5.9  | 6.1  | 6.3  | 6.2  | 6.4  | 6.6  | 6.9  | 6.7  | 6.8  | 7.1  | 7.3  | 7.1  | 7.3  | 7.5  | 7.8  | 7.5  | 7.7  | 8.0  | 8.3  |      |      |
| HiPR | 209  | 225  | 237  | 248  | 234  | 252  | 266  | 278  | 267  | 287  | 303  | 316  | 304  | 327  | 345  | 360  | 342  | 368  | 388  | 405  | 378  | 406  | 429  | 447  |      |      |
| LoPR | 111  | 118  | 128  | 137  | 117  | 124  | 136  | 145  | 121  | 129  | 141  | 150  | 128  | 136  | 148  | 158  | 134  | 142  | 155  | 165  | 138  | 147  | 161  | 171  |      |      |
| MBh  | 22.6 | 23.3 | 25.2 | 27.0 | 22.1 | 22.7 | 24.6 | 26.4 | 21.5 | 22.2 | 24.0 | 25.8 | 21.0 | 21.6 | 23.4 | 25.1 | 20.0 | 20.5 | 22.2 | 23.9 | 18.5 | 19.0 | 20.6 | 22.1 |      |      |
| S/T  | 0.80 | 0.72 | 0.54 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.88 | 0.79 | 0.59 | 0.38 | 0.91 | 0.81 | 0.62 | 0.40 | 0.92 | 0.82 | 0.62 | 0.40 |      |      |
| ΔT   | 22   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 22   | 19   | 16   | 11   |      |      |
| kW   | 1.31 | 1.34 | 1.38 | 1.43 | 1.41 | 1.45 | 1.50 | 1.55 | 1.51 | 1.54 | 1.60 | 1.65 | 1.59 | 1.63 | 1.69 | 1.75 | 1.66 | 1.70 | 1.76 | 1.82 | 1.72 | 1.77 | 1.83 | 1.89 |      |      |
| Amps | 5.2  | 5.3  | 5.5  | 5.7  | 5.6  | 5.7  | 5.9  | 6.1  | 6.1  | 6.2  | 6.4  | 6.7  | 6.5  | 6.6  | 6.9  | 7.1  | 6.9  | 7.1  | 7.3  | 7.6  | 7.3  | 7.5  | 7.7  | 8.0  |      |      |
| HiPR | 203  | 218  | 230  | 240  | 227  | 245  | 258  | 270  | 259  | 278  | 294  | 307  | 295  | 317  | 335  | 349  | 331  | 357  | 377  | 393  | 366  | 394  | 416  | 434  |      |      |
| LoPR | 107  | 114  | 125  | 133  | 113  | 121  | 132  | 140  | 118  | 125  | 137  | 146  | 124  | 132  | 144  | 153  | 130  | 138  | 151  | 160  | 134  | 143  | 156  | 166  |      |      |

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp. + fan)  
 High and low pressures are measured at the liquid and suction service valves. Design Subcooling 5 - 7 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — DSZ180361A\* LOW STAGE (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  | 956     | MBh                         | 25.7  | 26.2 | 28.0 | 29.9 | 25.1 | 25.6 | 27.4 | 29.2 | 24.5 | 25.0 | 26.7 | 28.5 | 23.9 | 24.4 | 26.0 | 27.8  | 22.7 | 23.2 | 24.7 | 26.5  | 21.0 | 21.5 | 22.9 | 24.5 |      |
|     |         | S/T                         | 0.95  | 0.90 | 0.73 | 0.54 | 1.00 | 0.93 | 0.75 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 1.00 | 0.80 | 0.60  | 1.00 | 1.00 | 0.83 | 0.62  | 1.00 | 1.00 | 0.84 | 0.63 |      |
|     |         | ΔT                          | 24    | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 23   | 23   | 20   | 16   | 23   | 23   | 20   | 16    | 22   | 22   | 18   | 14    | 20   | 21   | 18   | 15   |      |
|     | 850     | KW                          | 1.36  | 1.39 | 1.44 | 1.49 | 1.48 | 1.51 | 1.56 | 1.62 | 1.58 | 1.61 | 1.67 | 1.73 | 1.66 | 1.70 | 1.76 | 1.83  | 1.74 | 1.78 | 1.84 | 1.91  | 1.80 | 1.85 | 1.91 | 1.98 |      |
|     |         | Amps                        | 5.4   | 5.5  | 5.7  | 5.9  | 5.9  | 6.0  | 6.2  | 6.4  | 6.4  | 6.5  | 6.7  | 7.0  | 6.8  | 7.0  | 7.2  | 7.5   | 7.2  | 7.4  | 7.7  | 8.0   | 7.7  | 7.9  | 8.1  | 8.4  |      |
|     |         | Hi/PR                       | 213   | 229  | 242  | 253  | 239  | 257  | 272  | 284  | 272  | 293  | 309  | 322  | 310  | 333  | 352  | 367   | 349  | 375  | 396  | 413   | 385  | 415  | 438  | 457  |      |
|     | 744     | Lo/PR                       | 113   | 120  | 131  | 140  | 119  | 127  | 138  | 147  | 124  | 132  | 144  | 153  | 130  | 138  | 151  | 161   | 136  | 145  | 158  | 169   | 141  | 150  | 164  | 175  |      |
|     |         | MBh                         | 24.9  | 25.4 | 27.2 | 29.1 | 24.3 | 24.9 | 26.6 | 28.4 | 23.7 | 24.3 | 25.9 | 27.7 | 23.2 | 23.7 | 25.3 | 27.0  | 22.0 | 22.5 | 24.0 | 25.7  | 20.4 | 20.8 | 22.3 | 23.8 |      |
|     |         | S/T                         | 0.91  | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.00 | 0.94 | 0.76 | 0.57  | 1.00 | 0.97 | 0.79 | 0.59  | 1.00 | 0.98 | 0.80 | 0.60 |      |
|     | 85      | 956                         | ΔT    | 25   | 23   | 20   | 16   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21    | 17   | 24   | 24   | 21    | 16   | 22   | 22   | 19   | 15   |
|     |         |                             | KW    | 1.35 | 1.38 | 1.43 | 1.48 | 1.46 | 1.50 | 1.55 | 1.60 | 1.56 | 1.60 | 1.65 | 1.71 | 1.65 | 1.69 | 1.75  | 1.81 | 1.72 | 1.76 | 1.83  | 1.89 | 1.79 | 1.83 | 1.89 | 1.96 |
|     |         |                             | Amps  | 5.4  | 5.5  | 5.7  | 5.9  | 5.8  | 5.9  | 6.1  | 6.4  | 6.3  | 6.5  | 6.7  | 6.9  | 6.7  | 6.9  | 7.1   | 7.4  | 7.2  | 7.3  | 7.6   | 7.9  | 7.6  | 7.8  | 8.0  | 8.4  |
| 850 |         | Hi/PR                       | 211   | 227  | 240  | 250  | 237  | 255  | 269  | 281  | 269  | 290  | 306  | 319  | 307  | 330  | 349  | 364   | 345  | 371  | 392  | 409   | 381  | 410  | 433  | 452  |      |
|     |         | Lo/PR                       | 112   | 119  | 130  | 138  | 118  | 126  | 137  | 146  | 123  | 131  | 143  | 152  | 129  | 137  | 150  | 159   | 135  | 144  | 157  | 167   | 140  | 149  | 162  | 173  |      |
|     |         | MBh                         | 23.0  | 23.5 | 25.1 | 26.8 | 22.5 | 22.9 | 24.5 | 26.2 | 21.9 | 22.4 | 23.9 | 25.6 | 21.4 | 21.8 | 23.3 | 25.0  | 20.3 | 20.8 | 22.2 | 23.7  | 18.8 | 19.2 | 20.5 | 22.0 |      |
| 744 |         | S/T                         | 0.88  | 0.82 | 0.67 | 0.50 | 0.91 | 0.85 | 0.69 | 0.52 | 0.93 | 0.87 | 0.71 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55  | 1.00 | 0.94 | 0.76 | 0.57  | 1.01 | 0.94 | 0.77 | 0.57 |      |
|     |         | ΔT                          | 25    | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17    | 25   | 24   | 21   | 17    | 23   | 22   | 20   | 16   |      |
|     |         | KW                          | 1.32  | 1.35 | 1.39 | 1.44 | 1.43 | 1.46 | 1.51 | 1.56 | 1.52 | 1.56 | 1.61 | 1.67 | 1.61 | 1.64 | 1.70 | 1.76  | 1.68 | 1.72 | 1.78 | 1.84  | 1.74 | 1.78 | 1.84 | 1.91 |      |
| 85  |         | 956                         | Amps  | 5.2  | 5.3  | 5.5  | 5.7  | 5.6  | 5.8  | 6.0  | 6.2  | 6.1  | 6.3  | 6.5  | 6.7  | 6.5  | 6.7  | 6.9   | 7.2  | 7.0  | 7.1  | 7.4   | 7.7  | 7.4  | 7.6  | 7.8  | 8.1  |
|     |         |                             | Hi/PR | 205  | 220  | 233  | 243  | 230  | 247  | 261  | 272  | 261  | 281  | 297  | 310  | 298  | 320  | 338   | 353  | 335  | 360  | 380   | 397  | 370  | 398  | 420  | 438  |
|     |         |                             | Lo/PR | 108  | 115  | 126  | 134  | 115  | 122  | 133  | 142  | 119  | 127  | 138  | 147  | 125  | 133  | 145   | 155  | 131  | 139  | 152   | 162  | 136  | 144  | 157  | 168  |
|     | 850     | MBh                         | 26.1  | 26.6 | 27.9 | 29.7 | 25.5 | 26.0 | 27.2 | 29.0 | 24.9 | 25.4 | 26.6 | 28.3 | 24.3 | 24.7 | 25.9 | 27.7  | 23.1 | 23.5 | 24.6 | 26.3  | 21.4 | 21.8 | 22.8 | 24.3 |      |
|     |         | S/T                         | 1.00  | 0.97 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.75 | 1.00 | 1.00 | 0.96 | 0.78  | 1.00 | 1.00 | 0.99 | 0.80  | 1.00 | 1.00 | 1.00 | 0.81 |      |
|     |         | ΔT                          | 25    | 25   | 23   | 20   | 25   | 25   | 24   | 20   | 24   | 24   | 24   | 20   | 23   | 24   | 24   | 21    | 22   | 23   | 23   | 20    | 21   | 21   | 22   | 19   |      |
|     | 744     | KW                          | 1.38  | 1.41 | 1.45 | 1.50 | 1.49 | 1.52 | 1.58 | 1.63 | 1.59 | 1.63 | 1.68 | 1.74 | 1.68 | 1.72 | 1.78 | 1.84  | 1.75 | 1.80 | 1.86 | 1.93  | 1.82 | 1.86 | 1.93 | 2.00 |      |
|     |         | Amps                        | 5.5   | 5.6  | 5.8  | 6.0  | 5.9  | 6.0  | 6.2  | 6.5  | 6.4  | 6.6  | 6.8  | 7.0  | 6.9  | 7.0  | 7.3  | 7.5   | 7.3  | 7.5  | 7.7  | 8.0   | 7.7  | 7.9  | 8.2  | 8.5  |      |
|     |         | Hi/PR                       | 215   | 232  | 245  | 255  | 242  | 260  | 275  | 286  | 275  | 296  | 312  | 326  | 313  | 337  | 356  | 371   | 352  | 379  | 400  | 417   | 389  | 419  | 442  | 461  |      |
|     | 85      | 956                         | Lo/PR | 114  | 121  | 132  | 141  | 120  | 128  | 140  | 149  | 125  | 133  | 145  | 155  | 131  | 140  | 153   | 163  | 138  | 147  | 160   | 170  | 143  | 152  | 166  | 176  |
|     |         |                             | MBh   | 25.3 | 25.8 | 27.1 | 28.9 | 24.7 | 25.2 | 26.4 | 28.2 | 24.2 | 24.6 | 25.8 | 27.5 | 23.6 | 24.0 | 25.2  | 26.8 | 22.4 | 22.8 | 23.9  | 25.5 | 20.7 | 21.1 | 22.1 | 23.6 |
|     |         |                             | S/T   | 0.95 | 0.92 | 0.83 | 0.67 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.88 | 0.72 | 1.00 | 1.00 | 0.91  | 0.74 | 1.00 | 1.00 | 0.95  | 0.77 | 1.00 | 1.00 | 0.95 | 0.77 |
| 850 |         | ΔT                          | 26    | 26   | 24   | 21   | 26   | 26   | 25   | 21   | 26   | 26   | 25   | 21   | 25   | 26   | 25   | 21    | 24   | 25   | 24   | 21    | 22   | 23   | 23   | 20   |      |
|     |         | KW                          | 1.36  | 1.39 | 1.44 | 1.49 | 1.48 | 1.51 | 1.56 | 1.62 | 1.58 | 1.61 | 1.67 | 1.73 | 1.66 | 1.70 | 1.76 | 1.83  | 1.74 | 1.78 | 1.84 | 1.91  | 1.80 | 1.85 | 1.91 | 1.98 |      |
|     |         | Amps                        | 5.4   | 5.5  | 5.7  | 5.9  | 5.9  | 6.0  | 6.2  | 6.4  | 6.4  | 6.5  | 6.7  | 7.0  | 6.8  | 7.0  | 7.2  | 7.5   | 7.2  | 7.4  | 7.7  | 8.0   | 7.7  | 7.9  | 8.1  | 8.4  |      |
| 744 |         | Hi/PR                       | 213   | 229  | 242  | 253  | 239  | 257  | 272  | 284  | 272  | 293  | 309  | 322  | 310  | 333  | 352  | 367   | 349  | 375  | 396  | 413   | 385  | 415  | 438  | 457  |      |
|     |         | Lo/PR                       | 113   | 120  | 131  | 140  | 119  | 127  | 138  | 147  | 124  | 132  | 144  | 153  | 130  | 138  | 151  | 161   | 136  | 145  | 158  | 169   | 141  | 150  | 164  | 175  |      |
|     |         | MBh                         | 23.4  | 23.8 | 25.0 | 26.6 | 22.8 | 23.3 | 24.4 | 26.0 | 22.3 | 22.7 | 23.8 | 25.4 | 21.8 | 22.2 | 23.2 | 24.8  | 20.7 | 21.1 | 22.1 | 23.5  | 19.1 | 19.5 | 20.4 | 21.8 |      |
| 85  |         | 956                         | S/T   | 0.92 | 0.89 | 0.80 | 0.65 | 0.95 | 0.92 | 0.83 | 0.67 | 0.98 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.88  | 0.71 | 1.00 | 1.00 | 0.91  | 0.74 | 1.00 | 1.00 | 0.92 | 0.75 |
|     |         |                             | ΔT    | 26.6 | 26   | 25   | 21   | 27   | 26   | 25   | 22   | 27   | 27   | 25   | 22   | 27   | 27   | 25    | 22   | 26   | 26   | 25    | 22   | 24   | 24   | 23   | 20   |
|     |         |                             | KW    | 1.33 | 1.36 | 1.40 | 1.45 | 1.44 | 1.47 | 1.52 | 1.57 | 1.53 | 1.57 | 1.62 | 1.68 | 1.62 | 1.66 | 1.72  | 1.78 | 1.69 | 1.73 | 1.79  | 1.86 | 1.76 | 1.80 | 1.86 | 1.93 |
|     | 744     | Amps                        | 5.3   | 5.4  | 5.6  | 5.8  | 5.7  | 5.8  | 6.0  | 6.2  | 6.2  | 6.3  | 6.5  | 6.8  | 6.6  | 6.8  | 7.0  | 7.3   | 7.0  | 7.2  | 7.4  | 7.7   | 7.5  | 7.6  | 7.9  | 8.2  |      |
|     |         | Hi/PR                       | 207   | 223  | 235  | 245  | 232  | 250  | 264  | 275  | 264  | 284  | 300  | 313  | 301  | 323  | 342  | 356   | 338  | 364  | 384  | 401   | 374  | 402  | 425  | 443  |      |
|     |         | Lo/PR                       | 109   | 116  | 127  | 135  | 116  | 123  | 134  | 143  | 120  | 128  | 140  | 149  | 126  | 134  | 147  | 156   | 132  | 141  | 154  | 164   | 137  | 146  | 159  | 169  |      |

Shaded area is ARI Rating conditions  
 High and low pressures are measured at the liquid and suction service valves.  
 IDB: Entering Indoor Dry Bulb Temperature  
 kW = Total system power  
 ARI = outdoor unit amps (comp. + fan)  
 Design Subcooling 5 - 7 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — DSZ180361A\* HIGH STAGE

| 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     | 34.5                        | 35.8 | 39.2 | -    | 33.7 | 34.9 | 38.3 | -    | 32.9 | 34.1 | 37.4 | -    | 32.1 | 33.3 | 36.5 | -    | 30.5  | 31.6 | 34.6 | -    | 28.3  | 29.3 | 32.1 | -    |   |
|       | S/T     | 0.76                        | 0.63 | 0.44 | -    | 0.79 | 0.66 | 0.45 | -    | 0.81 | 0.67 | 0.47 | -    | 0.83 | 0.70 | 0.48 | -    | 0.86  | 0.72 | 0.50 | -    | 0.87  | 0.73 | 0.50 | -    |   |
|       | ΔT      | 17                          | 15   | 11   | -    | 17   | 15   | 11   | -    | 17   | 15   | 11   | -    | 17   | 15   | 11   | -    | 17    | 15   | 11   | -    | 16    | 14   | 11   | -    |   |
|       | 1406    | kW                          | 2.10 | 2.14 | 2.21 | -    | 2.26 | 2.31 | 2.39 | -    | 2.41 | 2.47 | 2.55 | -    | 2.54 | 2.60 | 2.69 | -     | 2.65 | 2.71 | 2.81 | -     | 2.75 | 2.81 | 2.91 | - |
|       | Amps    | 7.8                         | 8.0  | 8.2  | -    | 8.4  | 8.6  | 8.9  | -    | 9.2  | 9.4  | 9.7  | -    | 9.8  | 10.1 | 10.4 | -    | 10.5  | 10.7 | 11.1 | -    | 11.1  | 11.4 | 11.8 | -    |   |
|       | Hi PR   | 219                         | 235  | 249  | -    | 245  | 264  | 279  | -    | 279  | 300  | 317  | -    | 318  | 342  | 361  | -    | 358   | 385  | 406  | -    | 395   | 425  | 449  | -    |   |
|       | Lo PR   | 107                         | 114  | 124  | -    | 113  | 120  | 131  | -    | 117  | 125  | 136  | -    | 123  | 131  | 143  | -    | 129   | 137  | 150  | -    | 134   | 142  | 155  | -    |   |
|       | MBh     | 33.5                        | 34.7 | 38.1 | -    | 32.7 | 33.9 | 37.2 | -    | 32.0 | 33.1 | 36.3 | -    | 31.2 | 32.3 | 35.4 | -    | 29.6  | 30.7 | 33.6 | -    | 27.4  | 28.4 | 31.2 | -    |   |
|       | S/T     | 0.72                        | 0.60 | 0.42 | -    | 0.75 | 0.63 | 0.43 | -    | 0.77 | 0.64 | 0.44 | -    | 0.79 | 0.66 | 0.46 | -    | 0.82  | 0.69 | 0.48 | -    | 0.83  | 0.69 | 0.48 | -    |   |
|       | ΔT      | 18                          | 15   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18    | 16   | 12   | -    | 17    | 15   | 11   | -    |   |
| 1250  | kW      | 2.08                        | 2.13 | 2.19 | -    | 2.25 | 2.30 | 2.37 | -    | 2.39 | 2.45 | 2.53 | -    | 2.52 | 2.58 | 2.67 | -    | 2.63  | 2.69 | 2.78 | -    | 2.73  | 2.79 | 2.88 | -    |   |
| Amps  | 7.7     | 7.9                         | 8.1  | -    | 8.3  | 8.5  | 8.8  | -    | 9.1  | 9.3  | 9.6  | -    | 9.7  | 10.0 | 10.3 | -    | 10.4 | 10.6  | 11.0 | -    | 11.0 | 11.3  | 11.7 | -    |      |   |
| Hi PR | 217     | 233                         | 246  | -    | 243  | 261  | 276  | -    | 276  | 297  | 314  | -    | 315  | 339  | 358  | -    | 354  | 381   | 402  | -    | 391  | 421   | 445  | -    |      |   |
| Lo PR | 106     | 113                         | 123  | -    | 112  | 119  | 130  | -    | 116  | 124  | 135  | -    | 122  | 130  | 142  | -    | 128  | 136   | 149  | -    | 132  | 141   | 154  | -    |      |   |
| MBh   | 30.9    | 32.1                        | 35.1 | -    | 30.2 | 31.3 | 34.3 | -    | 29.5 | 30.6 | 33.5 | -    | 28.8 | 29.8 | 32.7 | -    | 27.3 | 28.3  | 31.0 | -    | 25.3 | 26.2  | 28.8 | -    |      |   |
| S/T   | 0.70    | 0.58                        | 0.40 | -    | 0.72 | 0.60 | 0.42 | -    | 0.74 | 0.62 | 0.43 | -    | 0.77 | 0.64 | 0.44 | -    | 0.79 | 0.66  | 0.46 | -    | 0.80 | 0.67  | 0.46 | -    |      |   |
| ΔT    | 18      | 16                          | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 19   | 16   | 12   | -    | 18   | 16    | 12   | -    | 17   | 15    | 11   | -    |      |   |
| 1094  | kW      | 2.03                        | 2.07 | 2.14 | -    | 2.19 | 2.24 | 2.31 | -    | 2.33 | 2.38 | 2.46 | -    | 2.46 | 2.51 | 2.60 | -    | 2.56  | 2.62 | 2.71 | -    | 2.66  | 2.72 | 2.81 | -    |   |
| Amps  | 7.5     | 7.7                         | 7.9  | -    | 8.1  | 8.3  | 8.6  | -    | 8.8  | 9.0  | 9.3  | -    | 9.4  | 9.7  | 10.0 | -    | 10.1 | 10.3  | 10.7 | -    | 10.7 | 10.9  | 11.3 | -    |      |   |
| Hi PR | 210     | 226                         | 239  | -    | 236  | 254  | 268  | -    | 268  | 288  | 305  | -    | 305  | 329  | 347  | -    | 343  | 370   | 390  | -    | 379  | 408   | 431  | -    |      |   |
| Lo PR | 103     | 109                         | 119  | -    | 108  | 115  | 126  | -    | 113  | 120  | 131  | -    | 118  | 126  | 138  | -    | 124  | 132   | 144  | -    | 128  | 137   | 149  | -    |      |   |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75    | MBh   | 35.1 | 36.1 | 39.1 | 42.0 | 34.3 | 35.3 | 38.2 | 41.0 | 33.5 | 34.5 | 37.3 | 40.0 | 32.7 | 33.6 | 36.4 | 39.1 | 31.0 | 31.9 | 34.6 | 37.1 | 28.7 | 29.6 | 32.0 | 34.4 |      |
|       | S/T   | 0.86 | 0.77 | 0.58 | 0.38 | 0.89 | 0.80 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.95 | 0.85 | 0.64 | 0.41 | 0.98 | 0.88 | 0.66 | 0.43 | 0.99 | 0.89 | 0.67 | 0.43 |      |
|       | ΔT    | 20   | 18   | 15   | 10   | 20   | 18   | 15   | 10   | 20   | 18   | 15   | 10   | 20   | 19   | 15   | 11   | 20   | 18   | 15   | 10   | 19   | 17   | 14   | 10   |      |
|       | 1406  | kW   | 2.11 | 2.16 | 2.23 | 2.31 | 2.28 | 2.33 | 2.41 | 2.49 | 2.43 | 2.49 | 2.57 | 2.66 | 2.56 | 2.62 | 2.71 | 2.81 | 2.68 | 2.74 | 2.83 | 2.93 | 2.77 | 2.84 | 2.94 | 3.04 |
|       | Amps  | 7.8  | 8.0  | 8.3  | 8.6  | 8.5  | 8.7  | 9.0  | 9.3  | 9.2  | 9.5  | 9.8  | 10.2 | 9.9  | 10.2 | 10.5 | 10.9 | 10.6 | 10.8 | 11.2 | 11.6 | 11.2 | 11.5 | 11.9 | 12.3 |      |
|       | Hi PR | 221  | 238  | 251  | 262  | 248  | 267  | 282  | 294  | 282  | 303  | 320  | 334  | 321  | 346  | 365  | 381  | 361  | 389  | 411  | 428  | 399  | 430  | 454  | 473  |      |
|       | Lo PR | 108  | 115  | 125  | 134  | 114  | 121  | 133  | 141  | 119  | 126  | 138  | 147  | 125  | 133  | 145  | 154  | 131  | 139  | 152  | 161  | 135  | 144  | 157  | 167  |      |
|       | MBh   | 34.1 | 35.1 | 38.0 | 40.8 | 33.3 | 34.3 | 37.1 | 39.8 | 32.5 | 33.5 | 36.2 | 38.9 | 31.7 | 32.6 | 35.3 | 37.9 | 30.1 | 31.0 | 33.6 | 36.0 | 27.9 | 28.7 | 31.1 | 33.4 |      |
|       | S/T   | 0.82 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.94 | 0.84 | 0.63 | 0.41 | 0.94 | 0.84 | 0.64 | 0.41 |      |
|       | ΔT    | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 19   | 18   | 15   | 10   |      |
| 1250  | kW    | 2.10 | 2.14 | 2.21 | 2.29 | 2.26 | 2.32 | 2.39 | 2.47 | 2.41 | 2.47 | 2.55 | 2.64 | 2.54 | 2.60 | 2.69 | 2.78 | 2.65 | 2.72 | 2.81 | 2.91 | 2.75 | 2.81 | 2.91 | 3.01 |      |
| Amps  | 7.8   | 8.0  | 8.2  | 8.5  | 8.4  | 8.6  | 8.9  | 9.3  | 9.2  | 9.4  | 9.7  | 10.1 | 9.8  | 10.1 | 10.4 | 10.8 | 10.5 | 10.7 | 11.1 | 11.5 | 11.1 | 11.4 | 11.8 | 12.2 |      |      |
| Hi PR | 219   | 235  | 249  | 259  | 245  | 264  | 279  | 291  | 279  | 300  | 317  | 331  | 318  | 342  | 361  | 377  | 358  | 385  | 406  | 424  | 395  | 425  | 449  | 468  |      |      |
| Lo PR | 107   | 114  | 124  | 132  | 113  | 120  | 131  | 140  | 117  | 125  | 136  | 145  | 123  | 131  | 143  | 153  | 129  | 138  | 150  | 160  | 134  | 142  | 155  | 165  |      |      |
| MBh   | 31.5  | 32.4 | 35.1 | 37.6 | 30.7 | 31.6 | 34.2 | 36.8 | 30.0 | 30.9 | 33.4 | 35.9 | 29.3 | 30.1 | 32.6 | 35.0 | 27.8 | 28.6 | 31.0 | 33.3 | 25.8 | 26.5 | 28.7 | 30.8 |      |      |
| S/T   | 0.79  | 0.71 | 0.54 | 0.35 | 0.82 | 0.74 | 0.56 | 0.36 | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.91 | 0.81 | 0.62 | 0.40 |      |      |
| ΔT    | 21    | 19   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 19   | 16   | 11   | 20   | 18   | 15   | 10   |      |      |
| 1094  | kW    | 2.04 | 2.09 | 2.16 | 2.23 | 2.21 | 2.26 | 2.33 | 2.41 | 2.35 | 2.40 | 2.48 | 2.57 | 2.48 | 2.53 | 2.62 | 2.71 | 2.59 | 2.64 | 2.73 | 2.83 | 2.68 | 2.74 | 2.83 | 2.93 |      |
| Amps  | 7.5   | 7.7  | 8.0  | 8.3  | 8.2  | 8.4  | 8.7  | 9.0  | 8.9  | 9.1  | 9.4  | 9.8  | 9.5  | 9.8  | 10.1 | 10.5 | 10.2 | 10.4 | 10.8 | 11.2 | 10.8 | 11.1 | 11.4 | 11.9 |      |      |
| Hi PR | 212   | 228  | 241  | 251  | 238  | 256  | 271  | 282  | 271  | 291  | 308  | 321  | 308  | 332  | 350  | 366  | 347  | 373  | 394  | 411  | 383  | 413  | 436  | 454  |      |      |
| Lo PR | 104   | 110  | 120  | 128  | 110  | 117  | 127  | 136  | 114  | 121  | 132  | 141  | 120  | 127  | 139  | 148  | 125  | 133  | 146  | 155  | 130  | 138  | 151  | 160  |      |      |

Shaded area is ACCA (TVA) conditions  
 High and low pressures are measured at the liquid and suction service valves.  
 IDB: Entering Indoor Dry Bulb Temperature  
 kW = Total system power  
 Amps = outdoor unit amps (comp. + fan)  
 Design Subcooling 5 - 7 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — DSZ180361A\* HIGH STAGE (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     | 35.7                        | 36.5 | 39.0 | 41.7 | 34.9 | 35.7 | 38.1 | 40.7 | 34.1 | 34.8 | 37.2 | 39.8 | 33.2 | 34.0 | 36.3 | 38.8 | 31.6  | 32.3 | 34.5 | 36.8 | 29.2  | 29.9 | 31.9 | 34.1 |
|       | S/T     | 0.96                        | 0.89 | 0.72 | 0.54 | 1.00 | 0.92 | 0.75 | 0.56 | 1.00 | 0.94 | 0.77 | 0.57 | 1.00 | 1.00 | 0.79 | 0.59 | 1.00  | 1.00 | 0.82 | 0.61 | 1.00  | 1.00 | 0.83 | 0.62 |
|       | ΔT      | 22                          | 21   | 18   | 15   | 23   | 21   | 19   | 15   | 22   | 22   | 19   | 15   | 22   | 22   | 19   | 15   | 21    | 21   | 19   | 15   | 19    | 20   | 17   | 14   |
|       | kW      | 2.13                        | 2.18 | 2.25 | 2.33 | 2.30 | 2.35 | 2.43 | 2.52 | 2.45 | 2.51 | 2.59 | 2.68 | 2.59 | 2.65 | 2.74 | 2.83 | 2.70  | 2.76 | 2.86 | 2.96 | 2.80  | 2.86 | 2.96 | 3.07 |
|       | Amps    | 7.9                         | 8.1  | 8.4  | 8.7  | 8.6  | 8.8  | 9.1  | 9.4  | 9.3  | 9.6  | 9.9  | 10.3 | 10.0 | 10.2 | 10.6 | 11.0 | 10.7  | 10.9 | 11.3 | 11.7 | 11.3  | 11.6 | 12.0 | 12.5 |
|       | Hi PR   | 223                         | 240  | 254  | 265  | 250  | 269  | 285  | 297  | 285  | 306  | 324  | 338  | 324  | 349  | 369  | 384  | 365   | 393  | 415  | 433  | 403   | 434  | 458  | 478  |
|       | Lo PR   | 109                         | 116  | 127  | 135  | 115  | 123  | 134  | 143  | 120  | 127  | 139  | 148  | 126  | 134  | 146  | 156  | 132   | 140  | 153  | 163  | 136   | 145  | 158  | 169  |
|       | MBh     | 34.7                        | 35.4 | 37.9 | 40.5 | 33.9 | 34.6 | 37.0 | 39.5 | 33.1 | 33.8 | 36.1 | 38.6 | 32.3 | 33.0 | 35.2 | 37.7 | 30.7  | 31.3 | 33.5 | 35.8 | 28.4  | 29.0 | 31.0 | 33.1 |
|       | S/T     | 0.90                        | 0.85 | 0.69 | 0.51 | 0.93 | 0.88 | 0.71 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 0.99 | 0.93 | 0.76 | 0.56 | 1.00  | 0.96 | 0.78 | 0.59 | 1.00  | 0.97 | 0.79 | 0.59 |
|       | ΔT      | 23                          | 22   | 19   | 15   | 23   | 22   | 19   | 16   | 23   | 22   | 19   | 16   | 23   | 23   | 20   | 16   | 23    | 22   | 19   | 15   | 21    | 21   | 18   | 14   |
| kW    | 2.11    | 2.16                        | 2.23 | 2.31 | 2.28 | 2.33 | 2.41 | 2.49 | 2.43 | 2.49 | 2.57 | 2.66 | 2.57 | 2.62 | 2.71 | 2.81 | 2.68 | 2.74  | 2.83 | 2.93 | 2.77 | 2.84  | 2.94 | 3.04 |      |
| Amps  | 7.8     | 8.0                         | 8.3  | 8.6  | 8.5  | 8.7  | 9.0  | 9.3  | 9.2  | 9.5  | 9.8  | 10.2 | 9.9  | 10.2 | 10.5 | 10.9 | 10.6 | 10.8  | 11.2 | 11.6 | 11.2 | 11.5  | 11.9 | 12.3 |      |
| Hi PR | 221     | 238                         | 251  | 262  | 248  | 267  | 282  | 294  | 282  | 303  | 320  | 334  | 321  | 346  | 365  | 381  | 361  | 389   | 411  | 428  | 399  | 430   | 454  | 473  |      |
| Lo PR | 108     | 115                         | 125  | 134  | 114  | 121  | 133  | 141  | 119  | 126  | 138  | 147  | 125  | 133  | 145  | 154  | 131  | 139   | 152  | 162  | 135  | 144   | 157  | 167  |      |
| MBh   | 32.0    | 32.7                        | 35.0 | 37.4 | 31.3 | 32.0 | 34.1 | 36.5 | 30.5 | 31.2 | 33.3 | 35.6 | 29.8 | 30.4 | 32.5 | 34.8 | 28.3 | 28.9  | 30.9 | 33.0 | 26.2 | 26.8  | 28.6 | 30.6 |      |
| S/T   | 0.87    | 0.82                        | 0.66 | 0.50 | 0.90 | 0.85 | 0.69 | 0.51 | 0.92 | 0.87 | 0.71 | 0.53 | 0.95 | 0.89 | 0.73 | 0.54 | 0.99 | 0.93  | 0.76 | 0.56 | 1.00 | 0.94  | 0.76 | 0.57 |      |
| ΔT    | 23      | 22                          | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23    | 20   | 16   | 22   | 21    | 18   | 15   |      |
| kW    | 2.06    | 2.11                        | 2.18 | 2.25 | 2.23 | 2.28 | 2.35 | 2.43 | 2.37 | 2.42 | 2.51 | 2.59 | 2.50 | 2.56 | 2.64 | 2.73 | 2.61 | 2.67  | 2.76 | 2.85 | 2.70 | 2.76  | 2.86 | 2.96 |      |
| Amps  | 7.6     | 7.8                         | 8.1  | 8.4  | 8.3  | 8.5  | 8.7  | 9.1  | 9.0  | 9.2  | 9.5  | 9.9  | 9.6  | 9.9  | 10.2 | 10.6 | 10.3 | 10.5  | 10.9 | 11.3 | 10.9 | 11.2  | 11.5 | 12.0 |      |
| Hi PR | 214     | 231                         | 244  | 254  | 240  | 259  | 273  | 285  | 274  | 294  | 311  | 324  | 312  | 335  | 354  | 369  | 350  | 377   | 398  | 415  | 387  | 417   | 440  | 459  |      |
| Lo PR | 105     | 111                         | 122  | 130  | 111  | 118  | 129  | 137  | 115  | 122  | 134  | 142  | 121  | 129  | 140  | 149  | 127  | 135   | 147  | 157  | 131  | 139   | 152  | 162  |      |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85    | MBh   | 36.4 | 37.1 | 38.8 | 41.4 | 35.5 | 36.2 | 37.9 | 40.4 | 34.7 | 35.3 | 37.0 | 39.5 | 33.8 | 34.5 | 36.1 | 38.5 | 32.1 | 32.7 | 34.3 | 36.6 | 29.8 | 30.3 | 31.8 | 33.9 |
|       | S/T   | 0.99 | 0.96 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.73 | 1.00 | 1.00 | 0.92 | 0.74 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.98 | 0.80 | 1.00 | 1.00 | 0.99 | 0.80 |
|       | ΔT    | 24   | 23   | 22   | 19   | 23   | 23   | 22   | 19   | 23   | 23   | 22   | 19   | 22   | 23   | 22   | 19   | 22   | 21   | 21   | 18   | 19   | 20   | 21   | 18   |
|       | kW    | 2.15 | 2.20 | 2.27 | 2.35 | 2.32 | 2.37 | 2.45 | 2.54 | 2.47 | 2.53 | 2.62 | 2.71 | 2.61 | 2.67 | 2.76 | 2.86 | 2.72 | 2.79 | 2.88 | 2.98 | 2.82 | 2.89 | 2.99 | 3.09 |
|       | Amps  | 8.0  | 8.2  | 8.5  | 8.8  | 8.7  | 8.9  | 9.2  | 9.5  | 9.4  | 9.7  | 10.0 | 10.4 | 10.1 | 10.3 | 10.7 | 11.1 | 10.8 | 11.0 | 11.4 | 11.9 | 11.4 | 11.7 | 12.1 | 12.6 |
|       | Hi PR | 225  | 243  | 256  | 267  | 253  | 272  | 287  | 300  | 288  | 310  | 327  | 341  | 328  | 353  | 372  | 388  | 369  | 397  | 419  | 437  | 407  | 438  | 463  | 483  |
|       | Lo PR | 110  | 117  | 128  | 136  | 116  | 124  | 135  | 144  | 121  | 129  | 141  | 150  | 127  | 135  | 148  | 157  | 133  | 142  | 155  | 165  | 138  | 147  | 160  | 170  |
|       | MBh   | 35.3 | 36.0 | 37.7 | 40.2 | 34.5 | 35.1 | 36.8 | 39.3 | 33.7 | 34.3 | 35.9 | 38.3 | 32.8 | 33.5 | 35.1 | 37.4 | 31.2 | 31.8 | 33.3 | 35.5 | 28.9 | 29.5 | 30.8 | 32.9 |
|       | S/T   | 0.95 | 0.91 | 0.82 | 0.67 | 0.98 | 0.95 | 0.85 | 0.69 | 1.00 | 0.97 | 0.88 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.95 | 0.77 |
|       | ΔT    | 25   | 24   | 23   | 20   | 25   | 24   | 23   | 20   | 25   | 24   | 23   | 20   | 24   | 25   | 23   | 20   | 23   | 23   | 23   | 20   | 21   | 22   | 21   | 19   |
| kW    | 2.13  | 2.18 | 2.25 | 2.33 | 2.30 | 2.35 | 2.43 | 2.52 | 2.45 | 2.51 | 2.59 | 2.68 | 2.59 | 2.65 | 2.74 | 2.83 | 2.70 | 2.76 | 2.86 | 2.96 | 2.80 | 2.86 | 2.96 | 3.07 |      |
| Amps  | 7.9   | 8.1  | 8.4  | 8.7  | 8.6  | 8.8  | 9.1  | 9.4  | 9.3  | 9.6  | 9.9  | 10.3 | 10.0 | 10.2 | 10.6 | 11.0 | 10.7 | 10.9 | 11.3 | 11.7 | 11.3 | 11.6 | 12.0 | 12.5 |      |
| Hi PR | 223   | 240  | 254  | 265  | 250  | 269  | 285  | 297  | 285  | 306  | 324  | 338  | 324  | 349  | 369  | 384  | 365  | 393  | 415  | 433  | 403  | 434  | 458  | 478  |      |
| Lo PR | 109   | 116  | 127  | 135  | 115  | 123  | 134  | 143  | 120  | 127  | 139  | 148  | 126  | 134  | 146  | 156  | 132  | 140  | 153  | 163  | 136  | 145  | 158  | 169  |      |
| MBh   | 32.6  | 33.2 | 34.8 | 37.1 | 31.8 | 32.4 | 34.0 | 36.2 | 31.1 | 31.7 | 33.2 | 35.4 | 30.3 | 30.9 | 32.4 | 34.5 | 28.8 | 29.3 | 30.7 | 32.8 | 26.7 | 27.2 | 28.5 | 30.4 |      |
| S/T   | 0.91  | 0.88 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.67 | 0.97 | 0.93 | 0.84 | 0.68 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.91 | 0.74 |      |
| ΔT    | 25    | 25   | 23   | 20   | 25   | 25   | 23   | 20   | 25   | 25   | 24   | 20   | 25   | 25   | 24   | 21   | 24   | 25   | 23   | 20   | 22   | 23   | 22   | 19   |      |
| kW    | 2.08  | 2.12 | 2.19 | 2.27 | 2.24 | 2.29 | 2.37 | 2.45 | 2.39 | 2.45 | 2.53 | 2.61 | 2.52 | 2.58 | 2.67 | 2.76 | 2.63 | 2.69 | 2.78 | 2.88 | 2.73 | 2.79 | 2.88 | 2.98 |      |
| Amps  | 7.7   | 7.9  | 8.1  | 8.5  | 8.3  | 8.5  | 8.8  | 9.2  | 9.1  | 9.3  | 9.6  | 10.0 | 9.7  | 10.0 | 10.3 | 10.7 | 10.4 | 10.6 | 11.0 | 11.4 | 11.0 | 11.3 | 11.7 | 12.1 |      |
| Hi PR | 216   | 233  | 246  | 257  | 243  | 261  | 276  | 288  | 276  | 297  | 314  | 327  | 315  | 339  | 358  | 373  | 354  | 381  | 402  | 420  | 391  | 421  | 444  | 464  |      |
| Lo PR | 106   | 113  | 123  | 131  | 112  | 119  | 130  | 138  | 116  | 124  | 135  | 144  | 122  | 130  | 142  | 151  | 128  | 136  | 149  | 158  | 132  | 141  | 154  | 164  |      |

Shaded area is ARI Rating conditions  
 High and low pressures are measured at the liquid and suction service valves.  
 IDB: Entering Indoor Dry Bulb Temperature  
 kW = Total system power  
 ARI = outdoor unit amps (comp. + fan)  
 Design Subcooling 5 - 7 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — DSZ180481A\* LOW STAGE

| 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     | 35.0                        | 36.3 | 39.8 | -    | 34.2 | 35.5 | 38.9 | -    | 33.4 | 34.6 | 37.9 | -    | 32.6 | 33.8 | 37.0 | -    | 31.0  | 32.1 | 35.2 | -    | 28.7  | 29.7 | 32.6 | -  |
|      | S/T     | 0.76                        | 0.63 | 0.44 | -    | 0.78 | 0.65 | 0.45 | -    | 0.80 | 0.67 | 0.46 | -    | 0.83 | 0.69 | 0.48 | -    | 0.86  | 0.72 | 0.50 | -    | 0.87  | 0.72 | 0.50 | -  |
|      | ΔT      | 18                          | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18    | 16   | 12   | -    | 17    | 15   | 11   | -  |
|      | kW      | 1.85                        | 1.89 | 1.96 | -    | 2.01 | 2.05 | 2.13 | -    | 2.14 | 2.20 | 2.27 | -    | 2.27 | 2.32 | 2.40 | -    | 2.37  | 2.43 | 2.51 | -    | 2.46  | 2.52 | 2.61 | -  |
|      | Amps    | 0.1                         | 0.1  | 0.1  | -    | 0.1  | 0.1  | 0.1  | -    | 0.1  | 0.1  | 0.1  | -    | 0.1  | 0.1  | 0.1  | -    | 0.1   | 0.1  | 0.1  | -    | 0.1   | 0.1  | 0.1  | -  |
|      | HiPR    | 209                         | 225  | 237  | -    | 234  | 252  | 266  | -    | 266  | 287  | 303  | -    | 303  | 326  | 345  | -    | 341   | 367  | 388  | -    | 377   | 406  | 429  | -  |
|      | LoPR    | 110                         | 117  | 128  | -    | 116  | 123  | 135  | -    | 121  | 128  | 140  | -    | 127  | 135  | 147  | -    | 133   | 141  | 154  | -    | 137   | 146  | 160  | -  |
|      | MBh     | 34.0                        | 35.3 | 38.6 | -    | 33.2 | 34.4 | 37.7 | -    | 32.4 | 33.6 | 36.8 | -    | 31.6 | 32.8 | 35.9 | -    | 30.1  | 31.2 | 34.1 | -    | 27.8  | 28.9 | 31.6 | -  |
|      | S/T     | 0.72                        | 0.60 | 0.42 | -    | 0.75 | 0.62 | 0.43 | -    | 0.77 | 0.64 | 0.44 | -    | 0.79 | 0.66 | 0.46 | -    | 0.82  | 0.69 | 0.47 | -    | 0.83  | 0.69 | 0.48 | -  |
|      | ΔT      | 19                          | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 13   | -    | 19   | 17   | 13   | -    | 19    | 16   | 12   | -    | 18    | 15   | 12   | -  |
|      | kW      | 1.84                        | 1.88 | 1.94 | -    | 1.99 | 2.04 | 2.11 | -    | 2.13 | 2.18 | 2.25 | -    | 2.25 | 2.30 | 2.38 | -    | 2.35  | 2.40 | 2.49 | -    | 2.44  | 2.49 | 2.58 | -  |
|      | Amps    | 0.1                         | 0.1  | 0.1  | -    | 0.1  | 0.1  | 0.1  | -    | 0.1  | 0.1  | 0.1  | -    | 0.1  | 0.1  | 0.1  | -    | 0.1   | 0.1  | 0.1  | -    | 0.1   | 0.1  | 0.1  | -  |
| HiPR | 207     | 222                         | 235  | -    | 232  | 250  | 264  | -    | 264  | 284  | 300  | -    | 300  | 323  | 341  | -    | 338  | 364   | 384  | -    | 373  | 402   | 424  | -    |    |
| LoPR | 109     | 116                         | 126  | -    | 115  | 122  | 133  | -    | 119  | 127  | 139  | -    | 125  | 133  | 146  | -    | 131  | 140   | 153  | -    | 136  | 145   | 158  | -    |    |
| MBh  | 31.4    | 32.5                        | 35.7 | -    | 30.7 | 31.8 | 34.8 | -    | 29.9 | 31.0 | 34.0 | -    | 29.2 | 30.3 | 33.2 | -    | 27.7 | 28.8  | 31.5 | -    | 25.7 | 26.6  | 29.2 | -    |    |
| S/T  | 0.70    | 0.58                        | 0.40 | -    | 0.72 | 0.60 | 0.42 | -    | 0.74 | 0.62 | 0.43 | -    | 0.76 | 0.64 | 0.44 | -    | 0.79 | 0.66  | 0.46 | -    | 0.80 | 0.67  | 0.46 | -    |    |
| ΔT   | 19      | 17                          | 13   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 19   | 17   | 13   | -    | 19   | 17    | 13   | -    | 18   | 16    | 12   | -    |    |
| kW   | 1.79    | 1.83                        | 1.89 | -    | 1.94 | 1.98 | 2.05 | -    | 2.07 | 2.12 | 2.19 | -    | 2.19 | 2.24 | 2.32 | -    | 2.28 | 2.34  | 2.42 | -    | 2.37 | 2.43  | 2.51 | -    |    |
| Amps | 0.1     | 0.1                         | 0.1  | -    | 0.1  | 0.1  | 0.1  | -    | 0.1  | 0.1  | 0.1  | -    | 0.1  | 0.1  | 0.1  | -    | 0.1  | 0.1   | 0.1  | -    | 0.1  | 0.1   | 0.1  | -    |    |
| HiPR | 200     | 216                         | 228  | -    | 225  | 242  | 256  | -    | 256  | 275  | 291  | -    | 291  | 314  | 331  | -    | 328  | 353   | 372  | -    | 362  | 390   | 412  | -    |    |
| LoPR | 106     | 112                         | 123  | -    | 111  | 119  | 129  | -    | 116  | 123  | 135  | -    | 122  | 129  | 141  | -    | 128  | 136   | 148  | -    | 132  | 140   | 153  | -    |    |

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75   | MBh  | 35.6 | 36.7 | 39.7 | 42.6 | 34.8 | 35.8 | 38.8 | 41.6 | 34.0 | 35.0 | 37.9 | 40.6 | 33.1 | 34.1 | 36.9 | 39.6 | 31.5 | 32.4 | 35.1 | 37.7 | 29.2 | 30.0 | 32.5 | 34.9 |
|      | S/T  | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.80 | 0.60 | 0.39 | 0.91 | 0.82 | 0.62 | 0.40 | 0.94 | 0.84 | 0.64 | 0.41 | 0.98 | 0.87 | 0.66 | 0.43 | 0.99 | 0.88 | 0.67 | 0.43 |
|      | ΔT   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 19   | 16   | 11   | 20   | 18   | 15   | 10   |
|      | kW   | 1.87 | 1.91 | 1.98 | 2.05 | 2.03 | 2.07 | 2.14 | 2.22 | 2.16 | 2.22 | 2.29 | 2.37 | 2.29 | 2.34 | 2.42 | 2.51 | 2.39 | 2.45 | 2.53 | 2.63 | 2.48 | 2.54 | 2.63 | 2.73 |
|      | Amps | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  |
|      | HiPR | 211  | 227  | 240  | 250  | 237  | 255  | 269  | 280  | 269  | 290  | 306  | 319  | 306  | 330  | 348  | 363  | 345  | 371  | 392  | 409  | 381  | 410  | 433  | 452  |
|      | LoPR | 111  | 118  | 129  | 137  | 117  | 125  | 136  | 145  | 122  | 130  | 142  | 151  | 128  | 136  | 149  | 158  | 134  | 143  | 156  | 166  | 139  | 148  | 161  | 172  |
|      | MBh  | 34.6 | 35.6 | 38.5 | 41.4 | 33.8 | 34.8 | 37.7 | 40.4 | 33.0 | 34.0 | 36.8 | 39.4 | 32.2 | 33.1 | 35.9 | 38.5 | 30.6 | 31.5 | 34.1 | 36.6 | 28.3 | 29.2 | 31.6 | 33.9 |
|      | S/T  | 0.82 | 0.73 | 0.55 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.41 | 0.94 | 0.84 | 0.64 | 0.41 |
|      | ΔT   | 22   | 20   | 16   | 11   | 22   | 20   | 17   | 11   | 22   | 20   | 17   | 11   | 22   | 20   | 17   | 12   | 22   | 20   | 16   | 11   | 20   | 19   | 15   | 11   |
|      | kW   | 1.85 | 1.89 | 1.96 | 2.03 | 2.01 | 2.05 | 2.13 | 2.20 | 2.15 | 2.20 | 2.27 | 2.35 | 2.27 | 2.32 | 2.40 | 2.49 | 2.37 | 2.43 | 2.51 | 2.60 | 2.46 | 2.52 | 2.61 | 2.70 |
|      | Amps | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  |
| HiPR | 209  | 225  | 237  | 247  | 234  | 252  | 266  | 278  | 266  | 287  | 303  | 316  | 303  | 327  | 345  | 360  | 341  | 367  | 388  | 405  | 377  | 406  | 429  | 447  |      |
| LoPR | 110  | 117  | 128  | 136  | 116  | 124  | 135  | 144  | 121  | 128  | 140  | 149  | 127  | 135  | 147  | 157  | 133  | 141  | 154  | 164  | 137  | 146  | 160  | 170  |      |
| MBh  | 31.9 | 32.9 | 35.6 | 38.2 | 31.2 | 32.1 | 34.8 | 37.3 | 30.4 | 31.3 | 33.9 | 36.4 | 29.7 | 30.6 | 33.1 | 35.5 | 28.2 | 29.0 | 31.4 | 33.7 | 26.1 | 26.9 | 29.1 | 31.3 |      |
| S/T  | 0.79 | 0.71 | 0.53 | 0.34 | 0.82 | 0.73 | 0.55 | 0.36 | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.91 | 0.81 | 0.61 | 0.40 |      |
| ΔT   | 22   | 20   | 17   | 12   | 22   | 21   | 17   | 12   | 22   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 20   | 17   | 12   | 21   | 19   | 16   | 11   |      |
| kW   | 1.80 | 1.85 | 1.91 | 1.98 | 1.95 | 2.00 | 2.07 | 2.14 | 2.09 | 2.14 | 2.21 | 2.29 | 2.21 | 2.26 | 2.34 | 2.42 | 2.31 | 2.36 | 2.44 | 2.53 | 2.39 | 2.45 | 2.54 | 2.63 |      |
| Amps | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  |      |
| HiPR | 203  | 218  | 230  | 240  | 227  | 245  | 258  | 269  | 258  | 278  | 294  | 306  | 294  | 317  | 334  | 349  | 331  | 356  | 376  | 392  | 366  | 394  | 416  | 434  |      |
| LoPR | 107  | 113  | 124  | 132  | 113  | 120  | 131  | 139  | 117  | 125  | 136  | 145  | 123  | 131  | 143  | 152  | 129  | 137  | 150  | 159  | 133  | 142  | 155  | 165  |      |

Shaded area is ACCA (TYA) conditions  
 High and low pressures are measured at the liquid and suction service valves.  
 IDB: Entering Indoor Dry Bulb Temperature  
 kW = Total system power  
 Design Subcooling 5 - 7 °F @ the liquid service valve, ARI 95 test conditions  
 Amps = outdoor unit amps (comp. + fan)

EXPANDED COOLING DATA — DSZ180481A\* LOW STAGE (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    | 1350    | MBh                         | 36.3 | 37.1 | 39.6 | 42.3 | 35.4 | 36.2 | 38.7 | 41.3 | 34.6 | 35.3 | 37.7 | 40.3 | 33.7 | 34.5 | 36.8 | 39.4  | 32.0 | 32.7 | 35.0 | 37.4  | 29.7 | 30.3 | 32.4 | 34.6 |
|       |         | S/T                         | 0.94 | 0.88 | 0.72 | 0.54 | 1.00 | 0.92 | 0.75 | 0.56 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.97 | 0.79 | 0.59  | 1.00 | 1.00 | 0.82 | 0.61  | 1.00 | 1.00 | 0.83 | 0.62 |
|       | ΔT      | 23                          | 22   | 19   | 15   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 23   | 23   | 20   | 16   | 22    | 22   | 20   | 16   | 20    | 21   | 18   | 15   |      |
|       | kW      | 1.88                        | 1.93 | 1.99 | 2.06 | 2.04 | 2.09 | 2.16 | 2.24 | 2.18 | 2.24 | 2.31 | 2.40 | 2.31 | 2.36 | 2.45 | 2.53 | 2.21  | 2.27 | 2.56 | 2.65 | 2.50  | 2.56 | 2.65 | 2.75 |      |
|       | Amps    | 0.1                         | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1   | 0.1  | 0.1  | 0.1  | 0.1   | 0.1  | 0.1  | 0.1  |      |
|       | Hi PR   | 213                         | 229  | 242  | 252  | 239  | 257  | 272  | 283  | 272  | 292  | 309  | 322  | 310  | 333  | 352  | 367  | 348   | 375  | 396  | 413  | 385   | 414  | 437  | 456  |      |
|       | Lo PR   | 112                         | 119  | 130  | 139  | 118  | 126  | 138  | 147  | 123  | 131  | 143  | 152  | 129  | 138  | 150  | 160  | 136   | 144  | 157  | 168  | 140   | 149  | 163  | 173  |      |
|       | MBh     | 35.2                        | 36.0 | 38.4 | 41.1 | 34.4 | 35.1 | 37.5 | 40.1 | 33.6 | 34.3 | 36.6 | 39.2 | 32.7 | 33.5 | 35.8 | 38.2 | 31.1  | 31.8 | 34.0 | 36.3 | 28.8  | 29.4 | 31.5 | 33.6 |      |
|       | S/T     | 0.90                        | 0.84 | 0.69 | 0.51 | 0.93 | 0.87 | 0.71 | 0.53 | 0.96 | 0.90 | 0.73 | 0.54 | 0.99 | 0.92 | 0.75 | 0.56 | 1.00  | 0.96 | 0.78 | 0.58 | 1.00  | 0.97 | 0.79 | 0.59 |      |
|       | ΔT      | 24                          | 23   | 20   | 16   | 25   | 24   | 20   | 16   | 25   | 24   | 20   | 16   | 25   | 24   | 21   | 16   | 24    | 23   | 20   | 16   | 22    | 22   | 19   | 15   |      |
| 1050  | 1200    | kW                          | 1.87 | 1.91 | 1.98 | 2.05 | 2.03 | 2.07 | 2.15 | 2.22 | 2.16 | 2.22 | 2.29 | 2.38 | 2.29 | 2.34 | 2.42 | 2.51  | 2.39 | 2.45 | 2.54 | 2.63  | 2.48 | 2.54 | 2.63 | 2.73 |
|       |         | Amps                        | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1   | 0.1  | 0.1  | 0.1  | 0.1   | 0.1  | 0.1  | 0.1  | 0.1  |
|       | Hi PR   | 211                         | 227  | 240  | 250  | 237  | 255  | 269  | 280  | 269  | 290  | 306  | 319  | 307  | 330  | 348  | 363  | 345   | 371  | 392  | 409  | 381   | 410  | 433  | 452  |      |
|       | Lo PR   | 111                         | 118  | 129  | 137  | 117  | 125  | 136  | 145  | 122  | 130  | 142  | 151  | 128  | 136  | 149  | 158  | 134   | 143  | 156  | 166  | 139   | 148  | 161  | 172  |      |
|       | MBh     | 32.5                        | 33.2 | 35.5 | 37.9 | 31.7 | 32.4 | 34.6 | 37.0 | 31.0 | 31.7 | 33.8 | 36.2 | 30.2 | 30.9 | 33.0 | 35.3 | 28.7  | 29.3 | 31.3 | 33.5 | 26.6  | 27.2 | 29.0 | 31.0 |      |
|       | S/T     | 0.87                        | 0.81 | 0.66 | 0.49 | 0.90 | 0.84 | 0.69 | 0.51 | 0.92 | 0.86 | 0.70 | 0.53 | 0.95 | 0.89 | 0.73 | 0.54 | 0.99  | 0.93 | 0.75 | 0.56 | 0.99  | 0.93 | 0.76 | 0.57 |      |
|       | ΔT      | 25                          | 24   | 21   | 16   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25    | 24   | 21   | 17   | 23    | 22   | 19   | 15   |      |
|       | kW      | 1.82                        | 1.86 | 1.93 | 1.99 | 1.97 | 2.02 | 2.09 | 2.16 | 2.11 | 2.16 | 2.23 | 2.31 | 2.23 | 2.28 | 2.36 | 2.44 | 2.33  | 2.38 | 2.47 | 2.56 | 2.41  | 2.47 | 2.56 | 2.65 |      |
|       | Amps    | 0.1                         | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1   | 0.1  | 0.1  | 0.1  | 0.1   | 0.1  | 0.1  | 0.1  |      |
|       | Hi PR   | 205                         | 220  | 232  | 242  | 230  | 247  | 261  | 272  | 261  | 281  | 297  | 309  | 297  | 320  | 338  | 352  | 334   | 360  | 380  | 396  | 370   | 398  | 420  | 438  |      |
| Lo PR | 108     | 115                         | 125  | 133  | 114  | 121  | 132  | 141  | 118  | 126  | 137  | 146  | 124  | 132  | 144  | 154  | 130  | 138   | 151  | 161  | 135  | 143   | 156  | 167  |      |      |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1350  | 1350  | MBh  | 36.9 | 37.6 | 39.4 | 42.0 | 36.0 | 36.7 | 38.5 | 41.0 | 35.2 | 35.9 | 37.6 | 40.1 | 34.3 | 35.0 | 36.6 | 39.1 | 32.6 | 33.2 | 34.8 | 37.1 | 30.2 | 30.8 | 32.2 | 34.4 |
|       |       | S/T  | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.77 | 1.00 | 1.00 | 0.98 | 0.79 | 1.00 | 1.00 | 0.99 | 0.80 |
|       | ΔT    | 25   | 24   | 23   | 20   | 25   | 25   | 23   | 20   | 24   | 24   | 23   | 20   | 23   | 24   | 24   | 20   | 23   | 23   | 23   | 20   | 21   | 21   | 22   | 19   |      |
|       | kW    | 1.90 | 1.94 | 2.01 | 2.08 | 2.06 | 2.11 | 2.18 | 2.26 | 2.20 | 2.26 | 2.33 | 2.42 | 2.33 | 2.38 | 2.47 | 2.56 | 2.43 | 2.49 | 2.58 | 2.67 | 2.53 | 2.59 | 2.68 | 2.78 |      |
|       | Amps  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  |      |
|       | Hi PR | 215  | 231  | 244  | 255  | 241  | 260  | 274  | 286  | 275  | 295  | 312  | 325  | 313  | 336  | 355  | 371  | 352  | 379  | 400  | 417  | 389  | 418  | 442  | 461  |      |
|       | Lo PR | 113  | 120  | 132  | 140  | 120  | 127  | 139  | 148  | 124  | 132  | 144  | 154  | 131  | 139  | 152  | 162  | 137  | 146  | 159  | 169  | 142  | 151  | 164  | 175  |      |
|       | MBh   | 35.8 | 36.5 | 38.2 | 40.8 | 35.0 | 35.7 | 37.4 | 39.8 | 34.2 | 34.8 | 36.5 | 38.9 | 33.3 | 34.0 | 35.6 | 38.0 | 31.7 | 32.3 | 33.8 | 36.1 | 29.3 | 29.9 | 31.3 | 33.4 |      |
|       | S/T   | 0.94 | 0.91 | 0.82 | 0.67 | 0.98 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.76 | 1.00 | 1.00 | 0.94 | 0.76 |      |
|       | ΔT    | 26   | 25   | 24   | 21   | 26   | 26   | 24   | 21   | 26   | 26   | 24   | 21   | 26   | 26   | 25   | 21   | 26   | 26   | 25   | 21   | 24   | 23   | 23   | 20   |      |
| 85    | 1200  | kW   | 1.88 | 1.93 | 1.99 | 2.06 | 2.04 | 2.09 | 2.16 | 2.24 | 2.18 | 2.24 | 2.31 | 2.40 | 2.31 | 2.36 | 2.45 | 2.53 | 2.41 | 2.47 | 2.56 | 2.65 | 2.50 | 2.56 | 2.65 | 2.75 |
|       |       | Amps | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  |
|       | Hi PR | 213  | 229  | 242  | 252  | 239  | 257  | 272  | 283  | 272  | 292  | 309  | 322  | 310  | 333  | 352  | 367  | 348  | 375  | 396  | 413  | 385  | 414  | 437  | 456  |      |
|       | Lo PR | 112  | 119  | 130  | 139  | 118  | 126  | 138  | 147  | 123  | 131  | 143  | 152  | 129  | 138  | 150  | 160  | 136  | 144  | 157  | 168  | 140  | 149  | 163  | 173  |      |
|       | MBh   | 33.1 | 33.7 | 35.3 | 37.7 | 32.3 | 32.9 | 34.5 | 36.8 | 31.5 | 32.1 | 33.7 | 35.9 | 30.8 | 31.4 | 32.8 | 35.0 | 29.2 | 29.8 | 31.2 | 33.3 | 27.1 | 27.6 | 28.9 | 30.8 |      |
|       | S/T   | 0.91 | 0.88 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.67 | 0.97 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.70 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.91 | 0.74 |      |
|       | ΔT    | 26.3 | 26   | 24   | 21   | 27   | 26   | 25   | 21   | 27   | 26   | 25   | 21   | 27   | 26   | 25   | 22   | 26   | 26   | 25   | 21   | 24   | 24   | 23   | 20   |      |
|       | kW    | 1.84 | 1.88 | 1.94 | 2.01 | 1.99 | 2.04 | 2.11 | 2.18 | 2.13 | 2.18 | 2.25 | 2.33 | 2.25 | 2.30 | 2.38 | 2.47 | 2.35 | 2.40 | 2.49 | 2.58 | 2.44 | 2.49 | 2.58 | 2.68 |      |
|       | Amps  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  |      |
|       | Hi PR | 207  | 222  | 235  | 245  | 232  | 249  | 263  | 275  | 264  | 284  | 300  | 312  | 300  | 323  | 341  | 356  | 338  | 364  | 384  | 400  | 373  | 402  | 424  | 442  |      |
| Lo PR | 109   | 116  | 126  | 135  | 115  | 122  | 133  | 142  | 119  | 127  | 139  | 148  | 125  | 133  | 146  | 155  | 131  | 140  | 153  | 163  | 136  | 145  | 158  | 168  |      |      |

Shaded area is ARI Rating conditions  
 High and low pressures are measured at the liquid and suction service valves.  
 IDB: Entering Indoor Dry Bulb Temperature  
 kW = Total system power  
 Design Subcooling 5 - 7 °F @ the liquid service valve, ARI 95 test conditions  
 Amps = outdoor unit amps (comp. + fan)

EXPANDED COOLING DATA — DSZ180481A\* HIGH STAGE

| 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     | 49.0                        | 50.8 | 55.6 | -    | 47.9 | 49.6 | 54.3 | -    | 46.7 | 48.4 | 53.1 | -    | 45.6 | 47.2 | 51.8 | -    | 43.3  | 44.9 | 49.2 | -    | 40.1  | 41.6 | 45.5 | -  |
|       | S/T     | 0.75                        | 0.63 | 0.44 | -    | 0.78 | 0.65 | 0.45 | -    | 0.80 | 0.67 | 0.46 | -    | 0.83 | 0.69 | 0.48 | -    | 0.86  | 0.72 | 0.50 | -    | 0.87  | 0.72 | 0.50 | -  |
|       | ΔT      | 17                          | 15   | 11   | -    | 17   | 15   | 11   | -    | 17   | 15   | 11   | -    | 18   | 15   | 12   | -    | 17    | 15   | 11   | -    | 16    | 14   | 11   | -  |
|       | kW      | 2.88                        | 2.94 | 3.04 | -    | 3.10 | 3.17 | 3.28 | -    | 3.31 | 3.38 | 3.49 | -    | 3.48 | 3.56 | 3.68 | -    | 3.63  | 3.72 | 3.84 | -    | 3.76  | 3.85 | 3.98 | -  |
|       | Amps    | 10.3                        | 10.6 | 10.9 | -    | 11.2 | 11.5 | 11.8 | -    | 12.2 | 12.5 | 12.9 | -    | 13.1 | 13.4 | 13.9 | -    | 13.9  | 14.3 | 14.8 | -    | 14.8  | 15.2 | 15.7 | -  |
|       | Hi PR   | 214                         | 231  | 244  | -    | 241  | 259  | 273  | -    | 274  | 295  | 311  | -    | 312  | 335  | 354  | -    | 351   | 377  | 399  | -    | 387   | 417  | 440  | -  |
|       | Lo PR   | 106                         | 113  | 123  | -    | 112  | 119  | 130  | -    | 116  | 124  | 135  | -    | 122  | 130  | 142  | -    | 128   | 136  | 149  | -    | 132   | 141  | 154  | -  |
|       | MBh     | 47.6                        | 49.3 | 54.0 | -    | 46.5 | 48.2 | 52.8 | -    | 45.4 | 47.0 | 51.5 | -    | 44.3 | 45.9 | 50.3 | -    | 42.0  | 43.6 | 47.7 | -    | 38.9  | 40.4 | 44.2 | -  |
|       | S/T     | 0.72                        | 0.60 | 0.42 | -    | 0.75 | 0.62 | 0.43 | -    | 0.76 | 0.64 | 0.44 | -    | 0.79 | 0.66 | 0.46 | -    | 0.82  | 0.68 | 0.47 | -    | 0.83  | 0.69 | 0.48 | -  |
|       | ΔT      | 18                          | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18    | 16   | 12   | -    | 17    | 15   | 11   | -  |
|       | kW      | 2.85                        | 2.92 | 3.01 | -    | 3.08 | 3.15 | 3.25 | -    | 3.28 | 3.35 | 3.46 | -    | 3.45 | 3.53 | 3.65 | -    | 3.60  | 3.68 | 3.81 | -    | 3.73  | 3.82 | 3.95 | -  |
|       | Amps    | 10.2                        | 10.5 | 10.8 | -    | 11.1 | 11.3 | 11.7 | -    | 12.1 | 12.4 | 12.8 | -    | 12.9 | 13.3 | 13.7 | -    | 13.8  | 14.1 | 14.6 | -    | 14.7  | 15.0 | 15.6 | -  |
| Hi PR | 212     | 229                         | 241  | -    | 238  | 256  | 271  | -    | 271  | 292  | 308  | -    | 309  | 332  | 351  | -    | 347  | 374   | 395  | -    | 384  | 413   | 436  | -    |    |
| Lo PR | 105     | 112                         | 122  | -    | 111  | 118  | 129  | -    | 115  | 123  | 134  | -    | 121  | 129  | 141  | -    | 127  | 135   | 147  | -    | 131  | 140   | 152  | -    |    |
| MBh   | 43.9    | 45.5                        | 49.9 | -    | 42.9 | 44.4 | 48.7 | -    | 41.9 | 43.4 | 47.5 | -    | 40.8 | 42.3 | 46.4 | -    | 38.8 | 40.2  | 44.1 | -    | 35.9 | 37.3  | 40.8 | -    |    |
| S/T   | 0.69    | 0.58                        | 0.40 | -    | 0.72 | 0.60 | 0.42 | -    | 0.74 | 0.62 | 0.43 | -    | 0.76 | 0.64 | 0.44 | -    | 0.79 | 0.66  | 0.46 | -    | 0.80 | 0.66  | 0.46 | -    |    |
| ΔT    | 18      | 16                          | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16    | 12   | -    | 17   | 15    | 11   | -    |    |
| kW    | 2.78    | 2.84                        | 2.94 | -    | 3.00 | 3.07 | 3.17 | -    | 3.20 | 3.27 | 3.37 | -    | 3.37 | 3.44 | 3.56 | -    | 3.51 | 3.59  | 3.71 | -    | 3.64 | 3.72  | 3.84 | -    |    |
| Amps  | 9.9     | 10.2                        | 10.5 | -    | 10.7 | 11.0 | 11.4 | -    | 11.7 | 12.0 | 12.4 | -    | 12.6 | 12.9 | 13.3 | -    | 13.4 | 13.7  | 14.2 | -    | 14.2 | 14.6  | 15.1 | -    |    |
| Hi PR | 206     | 222                         | 234  | -    | 231  | 249  | 263  | -    | 263  | 283  | 299  | -    | 299  | 322  | 340  | -    | 337  | 362   | 383  | -    | 372  | 400   | 423  | -    |    |
| Lo PR | 102     | 108                         | 118  | -    | 108  | 114  | 125  | -    | 112  | 119  | 130  | -    | 117  | 125  | 136  | -    | 123  | 131   | 143  | -    | 127  | 135   | 148  | -    |    |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75    | MBh   | 49.8 | 51.3 | 55.5 | 59.6 | 48.7 | 50.1 | 54.2 | 58.2 | 47.5 | 48.9 | 52.9 | 56.8 | 46.4 | 47.7 | 51.7 | 55.4 | 44.0 | 45.3 | 49.1 | 52.7 | 40.8 | 42.0 | 45.5 | 48.8 |
|       | S/T   | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.79 | 0.60 | 0.39 | 0.91 | 0.81 | 0.62 | 0.40 | 0.94 | 0.84 | 0.64 | 0.41 | 0.98 | 0.87 | 0.66 | 0.42 | 0.98 | 0.88 | 0.67 | 0.43 |
|       | ΔT    | 20   | 18   | 15   | 10   | 20   | 19   | 15   | 11   | 20   | 19   | 15   | 11   | 20   | 19   | 15   | 11   | 20   | 18   | 15   | 10   | 19   | 17   | 14   | 10   |
|       | kW    | 2.90 | 2.96 | 3.06 | 3.16 | 3.13 | 3.20 | 3.31 | 3.42 | 3.33 | 3.41 | 3.52 | 3.64 | 3.51 | 3.59 | 3.71 | 3.84 | 3.67 | 3.75 | 3.88 | 4.01 | 3.80 | 3.88 | 4.02 | 4.16 |
|       | Amps  | 10.4 | 10.7 | 11.0 | 11.4 | 11.3 | 11.6 | 12.0 | 12.4 | 12.3 | 12.6 | 13.0 | 13.6 | 13.2 | 13.5 | 14.0 | 14.5 | 14.1 | 14.4 | 14.9 | 15.5 | 14.9 | 15.3 | 15.9 | 16.5 |
|       | Hi PR | 217  | 233  | 246  | 257  | 243  | 262  | 276  | 288  | 277  | 298  | 314  | 328  | 315  | 339  | 358  | 373  | 354  | 381  | 403  | 420  | 391  | 421  | 445  | 464  |
|       | Lo PR | 107  | 114  | 124  | 132  | 113  | 120  | 131  | 140  | 118  | 125  | 137  | 145  | 123  | 131  | 143  | 153  | 129  | 138  | 150  | 160  | 134  | 142  | 155  | 166  |
|       | MBh   | 48.4 | 49.8 | 53.9 | 57.9 | 47.3 | 48.6 | 52.7 | 56.5 | 46.1 | 47.5 | 51.4 | 55.2 | 45.0 | 46.3 | 50.2 | 53.8 | 42.8 | 44.0 | 47.6 | 51.1 | 39.6 | 40.8 | 44.1 | 47.4 |
|       | S/T   | 0.82 | 0.73 | 0.55 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.41 | 0.94 | 0.84 | 0.64 | 0.41 |
|       | ΔT    | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 19   | 16   | 11   | 20   | 18   | 15   | 10   |
|       | kW    | 2.88 | 2.94 | 3.04 | 3.14 | 3.11 | 3.17 | 3.28 | 3.39 | 3.31 | 3.38 | 3.49 | 3.61 | 3.48 | 3.56 | 3.68 | 3.81 | 3.63 | 3.72 | 3.84 | 3.98 | 3.76 | 3.85 | 3.98 | 4.12 |
|       | Amps  | 10.3 | 10.6 | 10.9 | 11.3 | 11.2 | 11.5 | 11.8 | 12.3 | 12.2 | 12.5 | 12.9 | 13.4 | 13.1 | 13.4 | 13.9 | 14.4 | 13.9 | 14.3 | 14.8 | 15.4 | 14.8 | 15.2 | 15.7 | 16.3 |
| Hi PR | 215   | 231  | 244  | 254  | 241  | 259  | 274  | 285  | 274  | 295  | 311  | 324  | 312  | 336  | 354  | 370  | 351  | 377  | 399  | 416  | 388  | 417  | 440  | 459  |      |
| Lo PR | 106   | 113  | 123  | 131  | 112  | 119  | 130  | 138  | 116  | 124  | 135  | 144  | 122  | 130  | 142  | 151  | 128  | 136  | 149  | 158  | 133  | 141  | 154  | 164  |      |
| MBh   | 44.7  | 46.0 | 49.8 | 53.4 | 43.6 | 44.9 | 48.6 | 52.2 | 42.6 | 43.8 | 47.4 | 50.9 | 41.5 | 42.8 | 46.3 | 49.7 | 39.5 | 40.6 | 44.0 | 47.2 | 36.6 | 37.6 | 40.7 | 43.7 |      |
| S/T   | 0.79  | 0.70 | 0.53 | 0.34 | 0.82 | 0.73 | 0.55 | 0.36 | 0.84 | 0.75 | 0.57 | 0.36 | 0.86 | 0.77 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.90 | 0.81 | 0.61 | 0.39 |      |
| ΔT    | 21    | 19   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 20   | 18   | 15   | 10   |      |
| kW    | 2.81  | 2.87 | 2.96 | 3.06 | 3.03 | 3.09 | 3.20 | 3.30 | 3.22 | 3.29 | 3.40 | 3.52 | 3.39 | 3.47 | 3.59 | 3.71 | 3.54 | 3.62 | 3.74 | 3.87 | 3.67 | 3.75 | 3.88 | 4.01 |      |
| Amps  | 10.0  | 10.3 | 10.6 | 11.0 | 10.9 | 11.1 | 11.5 | 12.0 | 11.8 | 12.1 | 12.6 | 13.0 | 12.7 | 13.0 | 13.5 | 14.0 | 13.5 | 13.9 | 14.4 | 14.9 | 14.4 | 14.7 | 15.2 | 15.9 |      |
| Hi PR | 208   | 224  | 236  | 247  | 233  | 251  | 265  | 277  | 266  | 286  | 302  | 315  | 302  | 325  | 344  | 358  | 340  | 366  | 387  | 403  | 376  | 405  | 427  | 446  |      |
| Lo PR | 103   | 109  | 119  | 127  | 109  | 116  | 126  | 134  | 113  | 120  | 131  | 140  | 119  | 126  | 138  | 147  | 124  | 132  | 144  | 154  | 129  | 137  | 149  | 159  |      |

Shaded area is ACCA (TVA) conditions  
 High and low pressures are measured at the liquid and suction service valves.  
 IDB: Entering Indoor Dry Bulb Temperature  
 kW = Total system power  
 Amps = outdoor unit amps (comp. + fan)  
 Design Subcooling 5 - 7 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — DSZ180481A\* HIGH STAGE (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     | 50.7                        | 51.8 | 55.4 | 59.2 | 49.5 | 50.6 | 54.1 | 57.8 | 48.4 | 49.4 | 52.8 | 56.4 | 47.2 | 48.2 | 51.5 | 55.1 | 44.8  | 45.8 | 48.9 | 52.3 | 41.5  | 42.4 | 45.3 | 48.4 |
|       | S/T     | 0.94                        | 0.88 | 0.72 | 0.54 | 1.00 | 0.91 | 0.74 | 0.56 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.97 | 0.79 | 0.59 | 1.00  | 1.00 | 0.82 | 0.61 | 1.00  | 1.00 | 0.82 | 0.62 |
|       | ΔT      | 22                          | 21   | 19   | 15   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 22   | 22   | 19   | 15   | 21    | 21   | 19   | 15   | 19    | 20   | 17   | 14   |
|       | kW      | 2.93                        | 2.99 | 3.09 | 3.19 | 3.16 | 3.23 | 3.33 | 3.45 | 3.36 | 3.44 | 3.55 | 3.67 | 3.54 | 3.62 | 3.75 | 3.87 | 3.70  | 3.78 | 3.91 | 4.05 | 3.83  | 3.92 | 4.05 | 4.19 |
|       | Amps    | 10.5                        | 10.8 | 11.1 | 11.6 | 11.4 | 11.7 | 12.1 | 12.5 | 12.4 | 12.7 | 13.2 | 13.7 | 13.3 | 13.6 | 14.1 | 14.7 | 14.2  | 14.6 | 15.1 | 15.7 | 15.1  | 15.5 | 16.0 | 16.6 |
|       | Hi PR   | 219                         | 236  | 249  | 259  | 246  | 264  | 279  | 291  | 279  | 301  | 317  | 331  | 318  | 342  | 361  | 377  | 358   | 385  | 407  | 424  | 395   | 426  | 449  | 469  |
|       | Lo PR   | 108                         | 115  | 126  | 134  | 114  | 122  | 133  | 141  | 119  | 126  | 138  | 147  | 125  | 133  | 145  | 154  | 131   | 139  | 152  | 162  | 135   | 144  | 157  | 167  |
|       | MBh     | 49.2                        | 50.3 | 53.8 | 57.5 | 48.1 | 49.1 | 52.5 | 56.1 | 46.9 | 48.0 | 51.3 | 54.8 | 45.8 | 46.8 | 50.0 | 53.5 | 43.5  | 44.5 | 47.5 | 50.8 | 40.3  | 41.2 | 44.0 | 47.0 |
|       | S/T     | 0.90                        | 0.84 | 0.68 | 0.51 | 0.93 | 0.87 | 0.71 | 0.53 | 0.95 | 0.89 | 0.73 | 0.54 | 0.98 | 0.92 | 0.75 | 0.56 | 1.00  | 0.96 | 0.78 | 0.58 | 1.00  | 0.97 | 0.79 | 0.59 |
|       | ΔT      | 23                          | 22   | 19   | 15   | 23   | 22   | 20   | 16   | 23   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24    | 23   | 22   | 19   | 16    | 21   | 21   | 18   |
| kW    | 2.90    | 2.96                        | 3.06 | 3.16 | 3.13 | 3.20 | 3.31 | 3.42 | 3.33 | 3.41 | 3.52 | 3.64 | 3.51 | 3.59 | 3.71 | 3.84 | 3.67 | 3.75  | 3.88 | 4.01 | 3.80 | 3.88  | 4.02 | 4.16 |      |
| Amps  | 10.4    | 10.7                        | 11.0 | 11.5 | 11.3 | 11.6 | 12.0 | 12.4 | 12.3 | 12.6 | 13.0 | 13.6 | 13.2 | 13.5 | 14.0 | 14.5 | 14.1 | 14.4  | 14.9 | 15.5 | 14.9 | 15.3  | 15.9 | 16.5 |      |
| Hi PR | 217     | 233                         | 246  | 257  | 243  | 262  | 276  | 288  | 277  | 298  | 314  | 328  | 315  | 339  | 358  | 373  | 354  | 381   | 403  | 420  | 391  | 421   | 445  | 464  |      |
| Lo PR | 107     | 114                         | 124  | 132  | 113  | 120  | 131  | 140  | 118  | 125  | 137  | 145  | 123  | 131  | 143  | 153  | 129  | 138   | 150  | 160  | 134  | 142   | 155  | 166  |      |
| MBh   | 45.4    | 46.4                        | 49.6 | 53.0 | 44.4 | 45.4 | 48.5 | 51.8 | 43.3 | 44.3 | 47.3 | 50.6 | 42.3 | 43.2 | 46.2 | 49.3 | 40.2 | 41.0  | 43.8 | 46.9 | 37.2 | 38.0  | 40.6 | 43.4 |      |
| S/T   | 0.86    | 0.81                        | 0.66 | 0.49 | 0.90 | 0.84 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.72 | 0.54 | 0.98 | 0.92  | 0.75 | 0.56 | 0.99 | 0.93  | 0.76 | 0.57 |      |
| ΔT    | 24      | 23                          | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23    | 20   | 16   | 22   | 21    | 18   | 15   |      |
| kW    | 2.83    | 2.89                        | 2.98 | 3.08 | 3.05 | 3.12 | 3.22 | 3.33 | 3.25 | 3.32 | 3.43 | 3.55 | 3.42 | 3.50 | 3.62 | 3.74 | 3.57 | 3.65  | 3.78 | 3.91 | 3.70 | 3.78  | 3.91 | 4.05 |      |
| Amps  | 10.1    | 10.4                        | 10.7 | 11.1 | 11.0 | 11.2 | 11.6 | 12.1 | 11.9 | 12.3 | 12.7 | 13.2 | 12.8 | 13.1 | 13.6 | 14.1 | 13.7 | 14.0  | 14.5 | 15.1 | 14.5 | 14.9  | 15.4 | 16.0 |      |
| Hi PR | 210     | 226                         | 239  | 249  | 236  | 254  | 268  | 280  | 268  | 289  | 305  | 318  | 306  | 329  | 347  | 362  | 344  | 370   | 391  | 407  | 380  | 409   | 432  | 450  |      |
| Lo PR | 104     | 110                         | 121  | 128  | 110  | 117  | 127  | 136  | 114  | 121  | 132  | 141  | 120  | 127  | 139  | 148  | 126  | 134   | 146  | 155  | 130  | 138   | 151  | 161  |      |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85    | MBh   | 51.6 | 52.6 | 55.1 | 58.8 | 50.4 | 51.4 | 53.8 | 57.4 | 49.2 | 50.2 | 52.5 | 56.0 | 48.0 | 48.9 | 51.2 | 54.7 | 45.6 | 46.5 | 48.7 | 51.9 | 42.2 | 43.1 | 45.1 | 48.1 |
|       | S/T   | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.98 | 0.79 | 1.00 | 1.00 | 0.99 | 0.80 |
|       | ΔT    | 24   | 23   | 22   | 19   | 24   | 24   | 22   | 19   | 23   | 23   | 22   | 19   | 22   | 23   | 23   | 19   | 22   | 22   | 22   | 19   | 20   | 20   | 21   | 18   |
|       | kW    | 2.95 | 3.01 | 3.11 | 3.22 | 3.18 | 3.25 | 3.36 | 3.48 | 3.39 | 3.47 | 3.58 | 3.71 | 3.57 | 3.65 | 3.78 | 3.91 | 3.73 | 3.81 | 3.94 | 4.08 | 3.86 | 3.95 | 4.09 | 4.23 |
|       | Amps  | 10.6 | 10.9 | 11.2 | 11.7 | 11.5 | 11.8 | 12.2 | 12.7 | 12.5 | 12.9 | 13.3 | 13.8 | 13.4 | 13.8 | 14.3 | 14.8 | 14.3 | 14.7 | 15.2 | 15.8 | 15.2 | 15.6 | 16.2 | 16.8 |
|       | Hi PR | 221  | 238  | 251  | 262  | 248  | 267  | 282  | 294  | 282  | 304  | 321  | 334  | 321  | 346  | 365  | 381  | 361  | 389  | 411  | 428  | 399  | 430  | 454  | 473  |
|       | Lo PR | 109  | 116  | 127  | 135  | 115  | 123  | 134  | 143  | 120  | 128  | 139  | 148  | 126  | 134  | 146  | 156  | 132  | 140  | 153  | 163  | 137  | 145  | 159  | 169  |
|       | MBh   | 50.1 | 51.1 | 53.5 | 57.1 | 48.9 | 49.9 | 52.2 | 55.7 | 47.8 | 48.7 | 51.0 | 54.4 | 46.6 | 47.5 | 49.8 | 53.1 | 44.3 | 45.1 | 47.3 | 50.4 | 41.0 | 41.8 | 43.8 | 46.7 |
|       | S/T   | 0.94 | 0.91 | 0.82 | 0.66 | 0.97 | 0.94 | 0.85 | 0.69 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 0.99 | 0.90 | 0.73 | 1.00 | 1.00 | 0.93 | 0.76 | 1.00 | 1.00 | 0.94 | 0.76 |
|       | ΔT    | 25   | 24   | 23   | 20   | 25   | 25   | 23   | 20   | 25   | 25   | 23   | 20   | 24   | 25   | 23   | 20   | 24   | 23   | 24   | 23   | 22   | 22   | 22   | 19   |
| kW    | 2.93  | 2.99 | 3.09 | 3.19 | 3.16 | 3.23 | 3.33 | 3.45 | 3.36 | 3.44 | 3.55 | 3.67 | 3.54 | 3.62 | 3.75 | 3.87 | 3.70 | 3.78 | 3.91 | 4.05 | 3.83 | 3.92 | 4.05 | 4.19 |      |
| Amps  | 10.5  | 10.8 | 11.1 | 11.6 | 11.4 | 11.7 | 12.1 | 12.5 | 12.4 | 12.7 | 13.2 | 13.7 | 13.3 | 13.6 | 14.1 | 14.7 | 14.2 | 14.6 | 15.1 | 15.7 | 15.1 | 15.5 | 16.0 | 16.6 |      |
| Hi PR | 219   | 236  | 249  | 259  | 246  | 264  | 279  | 291  | 279  | 301  | 317  | 331  | 318  | 342  | 361  | 377  | 358  | 385  | 407  | 424  | 395  | 426  | 449  | 469  |      |
| Lo PR | 108   | 115  | 126  | 134  | 114  | 122  | 133  | 141  | 119  | 126  | 138  | 147  | 125  | 133  | 145  | 154  | 131  | 139  | 152  | 162  | 135  | 144  | 157  | 167  |      |
| MBh   | 46.2  | 47.1 | 49.4 | 52.7 | 45.2 | 46.0 | 48.2 | 51.4 | 44.1 | 44.9 | 47.1 | 50.2 | 43.0 | 43.8 | 45.9 | 49.0 | 40.9 | 41.7 | 43.6 | 46.5 | 37.9 | 38.6 | 40.4 | 43.1 |      |
| S/T   | 0.91  | 0.87 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.96 | 0.87 | 0.70 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.91 | 0.74 |      |
| ΔT    | 25    | 25   | 23   | 20   | 25   | 25   | 24   | 20   | 25   | 25   | 24   | 21   | 26   | 25   | 24   | 21   | 26   | 25   | 24   | 20   | 23   | 23   | 22   | 19   |      |
| kW    | 2.85  | 2.92 | 3.01 | 3.11 | 3.08 | 3.15 | 3.25 | 3.36 | 3.28 | 3.35 | 3.46 | 3.58 | 3.45 | 3.53 | 3.65 | 3.77 | 3.60 | 3.68 | 3.81 | 3.94 | 3.73 | 3.82 | 3.95 | 4.08 |      |
| Amps  | 10.2  | 10.5 | 10.8 | 11.2 | 11.1 | 11.3 | 11.7 | 12.2 | 12.1 | 12.4 | 12.8 | 13.3 | 12.9 | 13.3 | 13.7 | 14.3 | 13.8 | 14.1 | 14.6 | 15.2 | 14.6 | 15.0 | 15.5 | 16.2 |      |
| Hi PR | 212   | 228  | 241  | 252  | 238  | 256  | 271  | 282  | 271  | 292  | 308  | 321  | 309  | 332  | 351  | 366  | 347  | 374  | 394  | 411  | 384  | 413  | 436  | 455  |      |
| Lo PR | 105   | 112  | 122  | 130  | 111  | 118  | 129  | 137  | 115  | 123  | 134  | 142  | 121  | 129  | 140  | 150  | 127  | 135  | 147  | 157  | 131  | 139  | 152  | 162  |      |

Shaded area is ARI Rating conditions  
 High and low pressures are measured at the liquid and suction service valves.  
 IDB: Entering Indoor Dry Bulb Temperature  
 kW = Total system power  
 ARI = outdoor unit amps (comp. + fan)  
 Design Subcooling 5 - 7 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — DSZ180601A\* LOW STAGE

| 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     | 41.6                        | 43.1 | 47.2 | -    | 40.6 | 42.1 | 46.1 | -    | 39.7 | 41.1 | 45.0 | -    | 38.7 | 40.1 | 43.9 | -    | 36.8  | 38.1 | 41.7 | -    | 34.0  | 35.3 | 38.7 | -  |
|       | S/T     | 0.71                        | 0.59 | 0.41 | -    | 0.74 | 0.62 | 0.43 | -    | 0.76 | 0.63 | 0.44 | -    | 0.78 | 0.65 | 0.45 | -    | 0.81  | 0.68 | 0.47 | -    | 0.82  | 0.68 | 0.47 | -  |
|       | ΔT      | 20                          | 17   | 13   | -    | 20   | 18   | 13   | -    | 20   | 18   | 13   | -    | 21   | 18   | 14   | -    | 21    | 18   | 13   | -    | 19    | 16   | 12   | -  |
|       | kW      | 2.35                        | 2.41 | 2.49 | -    | 2.55 | 2.61 | 2.71 | -    | 2.73 | 2.80 | 2.90 | -    | 2.89 | 2.96 | 3.06 | -    | 3.02  | 3.09 | 3.21 | -    | 3.14  | 3.21 | 3.33 | -  |
|       | Amps    | 9.1                         | 9.4  | 9.7  | -    | 9.9  | 10.2 | 10.5 | -    | 10.8 | 11.1 | 11.5 | -    | 11.6 | 11.9 | 12.3 | -    | 12.3  | 12.7 | 13.1 | -    | 13.1  | 13.4 | 13.9 | -  |
|       | Hi PR   | 209                         | 225  | 237  | -    | 234  | 252  | 266  | -    | 266  | 287  | 303  | -    | 303  | 326  | 345  | -    | 341   | 367  | 388  | -    | 377   | 406  | 428  | -  |
|       | Lo PR   | 105                         | 112  | 122  | -    | 111  | 118  | 129  | -    | 115  | 123  | 134  | -    | 121  | 129  | 141  | -    | 127   | 135  | 147  | -    | 131   | 140  | 152  | -  |
|       | MBh     | 40.4                        | 41.8 | 45.9 | -    | 39.4 | 40.9 | 44.8 | -    | 38.5 | 39.9 | 43.7 | -    | 37.6 | 38.9 | 42.7 | -    | 35.7  | 37.0 | 40.5 | -    | 33.1  | 34.3 | 37.5 | -  |
|       | S/T     | 0.68                        | 0.57 | 0.39 | -    | 0.70 | 0.59 | 0.41 | -    | 0.72 | 0.60 | 0.42 | -    | 0.74 | 0.62 | 0.43 | -    | 0.77  | 0.65 | 0.45 | -    | 0.78  | 0.65 | 0.45 | -  |
|       | ΔT      | 21                          | 18   | 14   | -    | 21   | 18   | 14   | -    | 21   | 18   | 14   | -    | 21   | 19   | 14   | -    | 21    | 18   | 14   | -    | 20    | 17   | 13   | -  |
| kW    | 2.33    | 2.39                        | 2.47 | -    | 2.53 | 2.59 | 2.68 | -    | 2.71 | 2.77 | 2.87 | -    | 2.86 | 2.93 | 3.04 | -    | 2.99 | 3.07  | 3.18 | -    | 3.11 | 3.18  | 3.30 | -    |    |
| Amps  | 9.1     | 9.3                         | 9.6  | -    | 9.8  | 10.1 | 10.4 | -    | 10.7 | 11.0 | 11.4 | -    | 11.5 | 11.8 | 12.2 | -    | 12.2 | 12.5  | 13.0 | -    | 13.0 | 13.3  | 13.8 | -    |    |
| Hi PR | 207     | 222                         | 235  | -    | 232  | 249  | 263  | -    | 264  | 284  | 300  | -    | 300  | 323  | 341  | -    | 338  | 364   | 384  | -    | 373  | 402   | 424  | -    |    |
| Lo PR | 104     | 111                         | 121  | -    | 110  | 117  | 128  | -    | 114  | 121  | 133  | -    | 120  | 128  | 139  | -    | 126  | 134   | 146  | -    | 130  | 138   | 151  | -    |    |
| MBh   | 37.3    | 38.6                        | 42.3 | -    | 36.4 | 37.7 | 41.3 | -    | 35.5 | 36.8 | 40.4 | -    | 34.7 | 35.9 | 39.4 | -    | 32.9 | 34.1  | 37.4 | -    | 30.5 | 31.6  | 34.6 | -    |    |
| S/T   | 0.65    | 0.55                        | 0.38 | -    | 0.68 | 0.57 | 0.39 | -    | 0.70 | 0.58 | 0.40 | -    | 0.72 | 0.60 | 0.42 | -    | 0.75 | 0.62  | 0.43 | -    | 0.75 | 0.63  | 0.43 | -    |    |
| ΔT    | 21      | 18                          | 14   | -    | 22   | 19   | 14   | -    | 22   | 19   | 14   | -    | 22   | 19   | 14   | -    | 22   | 19    | 14   | -    | 20   | 17    | 13   | -    |    |
| kW    | 2.27    | 2.32                        | 2.40 | -    | 2.46 | 2.52 | 2.61 | -    | 2.63 | 2.70 | 2.79 | -    | 2.78 | 2.85 | 2.95 | -    | 2.91 | 2.98  | 3.09 | -    | 3.02 | 3.10  | 3.21 | -    |    |
| Amps  | 8.8     | 9.0                         | 9.3  | -    | 9.5  | 9.8  | 10.1 | -    | 10.4 | 10.7 | 11.0 | -    | 11.1 | 11.4 | 11.8 | -    | 11.9 | 12.2  | 12.6 | -    | 12.6 | 12.9  | 13.4 | -    |    |
| Hi PR | 200     | 216                         | 228  | -    | 225  | 242  | 256  | -    | 256  | 275  | 291  | -    | 291  | 313  | 331  | -    | 328  | 353   | 372  | -    | 362  | 390   | 411  | -    |    |
| Lo PR | 101     | 107                         | 117  | -    | 107  | 113  | 124  | -    | 111  | 118  | 129  | -    | 116  | 124  | 135  | -    | 122  | 130   | 142  | -    | 126  | 134   | 146  | -    |    |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75    | MBh   | 42.3 | 43.5 | 47.1 | 50.6 | 41.3 | 42.5 | 46.0 | 49.4 | 40.3 | 41.5 | 44.9 | 48.2 | 39.3 | 40.5 | 43.8 | 47.1 | 37.4 | 38.5 | 41.7 | 44.7 | 34.6 | 35.6 | 38.6 | 41.4 |
|       | S/T   | 0.81 | 0.72 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.37 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.79 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.93 | 0.83 | 0.63 | 0.40 |
|       | ΔT    | 23   | 21   | 18   | 12   | 24   | 22   | 18   | 12   | 24   | 22   | 18   | 12   | 24   | 22   | 18   | 12   | 23   | 22   | 18   | 12   | 22   | 20   | 17   | 11   |
|       | kW    | 2.37 | 2.43 | 2.51 | 2.60 | 2.58 | 2.64 | 2.73 | 2.83 | 2.76 | 2.82 | 2.92 | 3.03 | 2.91 | 2.98 | 3.09 | 3.20 | 3.05 | 3.12 | 3.24 | 3.35 | 3.17 | 3.24 | 3.36 | 3.48 |
|       | Amps  | 9.2  | 9.5  | 9.8  | 10.2 | 10.0 | 10.3 | 10.6 | 11.0 | 10.9 | 11.2 | 11.6 | 12.0 | 11.7 | 12.0 | 12.4 | 12.9 | 12.5 | 12.8 | 13.2 | 13.7 | 13.2 | 13.6 | 14.0 | 14.6 |
|       | Hi PR | 211  | 227  | 240  | 250  | 237  | 255  | 269  | 280  | 269  | 289  | 306  | 319  | 306  | 330  | 348  | 363  | 345  | 371  | 392  | 409  | 381  | 410  | 433  | 451  |
|       | Lo PR | 106  | 113  | 123  | 131  | 112  | 119  | 130  | 139  | 116  | 124  | 135  | 144  | 122  | 130  | 142  | 151  | 128  | 136  | 149  | 159  | 133  | 141  | 154  | 164  |
|       | MBh   | 41.1 | 42.3 | 45.8 | 49.1 | 40.1 | 41.3 | 44.7 | 48.0 | 39.2 | 40.3 | 43.6 | 46.8 | 38.2 | 39.3 | 42.6 | 45.7 | 36.3 | 37.4 | 40.4 | 43.4 | 33.6 | 34.6 | 37.5 | 40.2 |
|       | S/T   | 0.77 | 0.69 | 0.52 | 0.34 | 0.80 | 0.72 | 0.54 | 0.35 | 0.82 | 0.73 | 0.55 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.88 | 0.79 | 0.59 | 0.38 | 0.89 | 0.79 | 0.60 | 0.39 |
|       | ΔT    | 24   | 22   | 18   | 13   | 25   | 23   | 19   | 13   | 25   | 23   | 19   | 13   | 25   | 23   | 19   | 13   | 24   | 22   | 18   | 13   | 23   | 21   | 17   | 12   |
| kW    | 2.35  | 2.41 | 2.49 | 2.58 | 2.55 | 2.61 | 2.71 | 2.80 | 2.73 | 2.80 | 2.90 | 3.00 | 2.89 | 2.96 | 3.06 | 3.18 | 3.02 | 3.09 | 3.21 | 3.32 | 3.14 | 3.21 | 3.33 | 3.45 |      |
| Amps  | 9.1   | 9.4  | 9.7  | 10.1 | 9.9  | 10.2 | 10.5 | 10.9 | 10.8 | 11.1 | 11.5 | 11.9 | 11.6 | 11.9 | 12.3 | 12.8 | 12.3 | 12.7 | 13.1 | 13.6 | 13.1 | 13.4 | 13.9 | 14.5 |      |
| Hi PR | 209   | 225  | 237  | 247  | 234  | 252  | 266  | 278  | 266  | 287  | 303  | 316  | 303  | 326  | 345  | 360  | 341  | 367  | 388  | 404  | 377  | 406  | 428  | 447  |      |
| Lo PR | 105   | 112  | 122  | 130  | 111  | 118  | 129  | 137  | 115  | 123  | 134  | 143  | 121  | 129  | 141  | 150  | 127  | 135  | 147  | 157  | 131  | 140  | 152  | 162  |      |
| MBh   | 37.9  | 39.0 | 42.2 | 45.3 | 37.0 | 38.1 | 41.3 | 44.3 | 36.1 | 37.2 | 40.3 | 43.2 | 35.3 | 36.3 | 39.3 | 42.2 | 33.5 | 34.5 | 37.3 | 40.1 | 31.0 | 31.9 | 34.6 | 37.1 |      |
| S/T   | 0.74  | 0.67 | 0.50 | 0.32 | 0.77 | 0.69 | 0.52 | 0.34 | 0.79 | 0.71 | 0.54 | 0.34 | 0.82 | 0.73 | 0.55 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.85 | 0.76 | 0.58 | 0.37 |      |
| ΔT    | 25    | 23   | 19   | 13   | 25   | 23   | 19   | 13   | 25   | 23   | 19   | 13   | 25   | 23   | 19   | 13   | 25   | 23   | 19   | 13   | 23   | 21   | 17   | 12   |      |
| kW    | 2.29  | 2.34 | 2.43 | 2.51 | 2.49 | 2.54 | 2.63 | 2.73 | 2.66 | 2.72 | 2.82 | 2.92 | 2.81 | 2.88 | 2.98 | 3.09 | 2.94 | 3.01 | 3.12 | 3.23 | 3.05 | 3.12 | 3.24 | 3.36 |      |
| Amps  | 8.9   | 9.1  | 9.4  | 9.8  | 9.6  | 9.9  | 10.2 | 10.6 | 10.5 | 10.8 | 11.1 | 11.6 | 11.2 | 11.5 | 11.9 | 12.4 | 12.0 | 12.3 | 12.7 | 13.2 | 12.7 | 13.1 | 13.5 | 14.0 |      |
| Hi PR | 202   | 218  | 230  | 240  | 227  | 244  | 258  | 269  | 258  | 278  | 294  | 306  | 294  | 317  | 334  | 349  | 331  | 356  | 376  | 392  | 366  | 394  | 416  | 434  |      |
| Lo PR | 102   | 108  | 118  | 126  | 108  | 114  | 125  | 133  | 112  | 119  | 130  | 138  | 117  | 125  | 136  | 145  | 123  | 131  | 143  | 152  | 127  | 135  | 148  | 158  |      |

Shaded area is ACCA (TVA) conditions  
 High and low pressures are measured at the liquid and suction service valves.  
 IDB: Entering Indoor Dry Bulb Temperature  
 kW = Total system power  
 Amps = outdoor unit amps (comp. + fan)  
 Design Subcooling 5 - 7 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — DSZ180601A\* LOW STAGE (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    | 1350    | MBh                         | 43.0 | 44.0 | 47.0 | 50.2 | 42.0 | 43.0 | 45.9 | 49.1 | 41.0 | 41.9 | 44.8 | 47.9 | 40.0 | 40.9 | 43.7 | 46.7  | 38.0 | 38.9 | 41.5 | 44.4  | 35.2 | 36.0 | 38.5 | 41.1 |
|       |         | S/T                         | 0.89 | 0.83 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 1.00 | 0.91 | 0.74 | 0.56  | 1.00 | 0.95 | 0.77 | 0.58  | 1.00 | 0.96 | 0.78 | 0.58 |
|       | ΔT      | 26                          | 25   | 22   | 17   | 26   | 25   | 22   | 18   | 27   | 25   | 22   | 18   | 27   | 25   | 22   | 18   | 27    | 25   | 22   | 17   | 24    | 23   | 20   | 16   |      |
|       | kW      | 2.39                        | 2.45 | 2.54 | 2.63 | 2.60 | 2.66 | 2.76 | 2.86 | 2.78 | 2.85 | 2.95 | 3.06 | 2.94 | 3.01 | 3.12 | 3.23 | 3.08  | 3.15 | 3.27 | 3.38 | 3.19  | 3.27 | 3.39 | 3.52 |      |
|       | Amps    | 9.3                         | 9.5  | 9.9  | 10.3 | 10.1 | 10.4 | 10.7 | 11.1 | 11.0 | 11.3 | 11.7 | 12.1 | 11.8 | 12.1 | 12.5 | 13.0 | 12.6  | 12.9 | 13.4 | 13.9 | 13.4  | 13.7 | 14.2 | 14.7 |      |
|       | Hi PR   | 213                         | 229  | 242  | 252  | 239  | 257  | 271  | 283  | 272  | 292  | 309  | 322  | 309  | 333  | 352  | 367  | 348   | 375  | 396  | 413  | 385   | 414  | 437  | 456  |      |
|       | Lo PR   | 107                         | 114  | 124  | 133  | 113  | 120  | 131  | 140  | 118  | 125  | 137  | 146  | 124  | 131  | 144  | 153  | 130   | 138  | 150  | 160  | 134   | 143  | 156  | 166  |      |
|       | MBh     | 41.8                        | 42.7 | 45.6 | 48.8 | 40.8 | 41.7 | 44.6 | 47.6 | 39.8 | 40.7 | 43.5 | 46.5 | 38.9 | 39.7 | 42.4 | 45.4 | 36.9  | 37.7 | 40.3 | 43.1 | 34.2  | 35.0 | 37.3 | 39.9 |      |
|       | S/T     | 0.85                        | 0.79 | 0.65 | 0.48 | 0.88 | 0.82 | 0.67 | 0.50 | 0.90 | 0.84 | 0.69 | 0.51 | 0.93 | 0.87 | 0.71 | 0.53 | 0.96  | 0.90 | 0.74 | 0.55 | 0.97  | 0.91 | 0.74 | 0.55 |      |
|       | ΔT      | 27                          | 26   | 23   | 18   | 27   | 26   | 23   | 18   | 27   | 26   | 23   | 18   | 28   | 26   | 23   | 18   | 27    | 26   | 23   | 18   | 25    | 24   | 21   | 17   |      |
| 1050  | 1200    | kW                          | 2.37 | 2.43 | 2.51 | 2.60 | 2.58 | 2.64 | 2.73 | 2.83 | 2.76 | 2.82 | 2.92 | 3.03 | 2.91 | 2.98 | 3.09 | 3.20  | 3.05 | 3.12 | 3.24 | 3.35  | 3.17 | 3.24 | 3.36 | 3.48 |
|       |         | Amps                        | 9.2  | 9.5  | 9.8  | 10.2 | 10.0 | 10.3 | 10.6 | 11.0 | 10.9 | 11.2 | 11.6 | 12.0 | 11.7 | 12.0 | 12.4 | 12.9  | 12.5 | 12.8 | 13.2 | 13.7  | 13.2 | 13.6 | 14.0 | 14.6 |
|       | Hi PR   | 211                         | 227  | 240  | 250  | 237  | 255  | 269  | 280  | 269  | 290  | 306  | 319  | 306  | 330  | 348  | 363  | 345   | 371  | 392  | 409  | 381   | 410  | 433  | 451  |      |
|       | Lo PR   | 106                         | 113  | 123  | 131  | 112  | 119  | 130  | 139  | 116  | 124  | 135  | 144  | 122  | 130  | 142  | 151  | 128   | 136  | 149  | 159  | 133   | 141  | 154  | 164  |      |
|       | MBh     | 38.6                        | 39.4 | 42.1 | 45.0 | 37.7 | 38.5 | 41.1 | 44.0 | 36.8 | 37.6 | 40.2 | 42.9 | 35.9 | 36.7 | 39.2 | 41.9 | 34.1  | 34.8 | 37.2 | 39.8 | 31.6  | 32.3 | 34.5 | 36.9 |      |
|       | S/T     | 0.82                        | 0.77 | 0.62 | 0.47 | 0.85 | 0.79 | 0.65 | 0.48 | 0.87 | 0.81 | 0.66 | 0.49 | 0.89 | 0.84 | 0.68 | 0.51 | 0.93  | 0.87 | 0.71 | 0.53 | 0.94  | 0.88 | 0.71 | 0.53 |      |
|       | ΔT      | 28                          | 26   | 23   | 18   | 28   | 27   | 23   | 19   | 28   | 27   | 23   | 19   | 28   | 27   | 23   | 19   | 28    | 27   | 23   | 18   | 26    | 25   | 22   | 17   |      |
|       | kW      | 2.31                        | 2.36 | 2.45 | 2.53 | 2.51 | 2.57 | 2.66 | 2.75 | 2.68 | 2.75 | 2.84 | 2.95 | 2.84 | 2.90 | 3.01 | 3.12 | 2.97  | 3.04 | 3.15 | 3.26 | 3.08  | 3.15 | 3.27 | 3.39 |      |
|       | Amps    | 9.0                         | 9.2  | 9.5  | 9.9  | 9.7  | 10.0 | 10.3 | 10.7 | 10.6 | 10.9 | 11.2 | 11.7 | 11.4 | 11.6 | 12.0 | 12.5 | 12.1  | 12.4 | 12.8 | 13.4 | 12.9  | 13.2 | 13.6 | 14.2 |      |
|       | Hi PR   | 204                         | 220  | 232  | 242  | 229  | 247  | 261  | 272  | 261  | 281  | 297  | 309  | 297  | 320  | 338  | 352  | 334   | 360  | 380  | 396  | 369   | 398  | 420  | 438  |      |
| Lo PR | 103     | 109                         | 120  | 127  | 109  | 116  | 126  | 134  | 113  | 120  | 131  | 140  | 119  | 126  | 138  | 147  | 124  | 132   | 144  | 154  | 129  | 137   | 149  | 159  |      |      |

|       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1350  | 1350  | MBh   | 43.8 | 44.6 | 46.8 | 49.9 | 42.8 | 43.6 | 45.7 | 48.7 | 41.8 | 42.6 | 44.6 | 47.6 | 40.7 | 41.5 | 43.5 | 46.4 | 38.7 | 39.5 | 41.3 | 44.1 | 35.9 | 36.5 | 38.3 | 40.8 |      |
|       |       | S/T   | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 0.92 | 0.75 | 1.00 | 0.92 | 0.75 | 1.00 | 0.93 | 0.75 |
|       | ΔT    | 28    | 27   | 26   | 22   | 28   | 28   | 26   | 23   | 28   | 28   | 26   | 23   | 28   | 28   | 26   | 23   | 26   | 27   | 26   | 22   | 24   | 25   | 24   | 21   |      |      |
|       | kW    | 2.42  | 2.47 | 2.56 | 2.65 | 2.62 | 2.69 | 2.78 | 2.88 | 2.81 | 2.87 | 2.98 | 3.08 | 2.97 | 3.04 | 3.15 | 3.26 | 3.10 | 3.18 | 3.30 | 3.42 | 3.22 | 3.30 | 3.42 | 3.55 |      |      |
|       | Amps  | 9.4   | 9.6  | 10.0 | 10.4 | 10.2 | 10.5 | 10.8 | 11.2 | 11.1 | 11.4 | 11.8 | 12.3 | 11.9 | 12.2 | 12.6 | 13.1 | 12.7 | 13.0 | 13.5 | 14.0 | 13.5 | 13.8 | 14.3 | 14.9 |      |      |
|       | Hi PR | 215   | 231  | 244  | 255  | 241  | 260  | 274  | 286  | 274  | 295  | 312  | 325  | 313  | 336  | 355  | 370  | 352  | 378  | 400  | 417  | 389  | 418  | 442  | 460  |      |      |
|       | Lo PR | 108   | 115  | 126  | 134  | 114  | 122  | 133  | 141  | 119  | 126  | 138  | 147  | 125  | 133  | 145  | 154  | 131  | 139  | 152  | 162  | 135  | 144  | 157  | 167  |      |      |
|       | MBh   | 42.5  | 43.3 | 45.4 | 48.4 | 41.5 | 42.3 | 44.3 | 47.3 | 40.5 | 41.3 | 43.3 | 46.2 | 39.6 | 40.3 | 42.2 | 45.1 | 37.6 | 38.3 | 40.1 | 42.8 | 34.8 | 35.5 | 37.2 | 39.6 |      |      |
|       | S/T   | 0.89  | 0.86 | 0.77 | 0.63 | 0.92 | 0.89 | 0.80 | 0.65 | 0.94 | 0.91 | 0.82 | 0.67 | 0.97 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.88 | 0.71 | 1.00 | 0.98 | 0.89 | 0.72 |      |      |
|       | ΔT    | 29    | 28   | 27   | 23   | 29   | 29   | 27   | 24   | 29   | 29   | 27   | 24   | 29   | 29   | 27   | 24   | 29   | 29   | 27   | 23   | 27   | 27   | 25   | 22   |      |      |
| 1200  | 1200  | kW    | 2.39 | 2.45 | 2.54 | 2.63 | 2.60 | 2.66 | 2.76 | 2.86 | 2.78 | 2.85 | 2.95 | 3.06 | 2.94 | 3.01 | 3.12 | 3.23 | 3.08 | 3.15 | 3.27 | 3.38 | 3.19 | 3.27 | 3.39 | 3.52 |      |
|       |       | Amps  | 9.3  | 9.5  | 9.9  | 10.3 | 10.1 | 10.4 | 10.7 | 11.1 | 11.0 | 11.3 | 11.7 | 12.1 | 11.8 | 12.1 | 12.5 | 13.0 | 12.6 | 12.9 | 13.4 | 13.9 | 13.4 | 13.7 | 14.2 | 14.7 |      |
|       | Hi PR | 213   | 229  | 242  | 252  | 239  | 257  | 271  | 283  | 272  | 292  | 309  | 322  | 309  | 333  | 352  | 367  | 348  | 375  | 396  | 413  | 385  | 414  | 437  | 456  |      |      |
|       | Lo PR | 107   | 114  | 124  | 133  | 113  | 120  | 131  | 140  | 118  | 125  | 137  | 146  | 124  | 131  | 144  | 153  | 130  | 138  | 150  | 160  | 134  | 143  | 156  | 166  |      |      |
|       | MBh   | 39.2  | 40.0 | 41.9 | 44.7 | 38.3 | 39.1 | 40.9 | 43.7 | 37.4 | 38.1 | 40.0 | 42.6 | 36.5 | 37.2 | 39.0 | 41.6 | 34.7 | 35.4 | 37.0 | 39.5 | 32.1 | 32.7 | 34.3 | 36.6 |      |      |
|       | S/T   | 0.86  | 0.83 | 0.74 | 0.60 | 0.89 | 0.86 | 0.77 | 0.63 | 0.91 | 0.88 | 0.79 | 0.64 | 0.94 | 0.91 | 0.82 | 0.66 | 0.97 | 0.94 | 0.85 | 0.69 | 0.98 | 0.95 | 0.86 | 0.69 |      |      |
|       | ΔT    | 29.4  | 29   | 27   | 24   | 30   | 29   | 28   | 24   | 30   | 29   | 28   | 24   | 30   | 29   | 28   | 24   | 30   | 29   | 27   | 24   | 28   | 27   | 26   | 22   |      |      |
|       | 1050  | 1050  | kW   | 2.33 | 2.39 | 2.47 | 2.56 | 2.53 | 2.59 | 2.68 | 2.78 | 2.71 | 2.77 | 2.87 | 2.97 | 2.86 | 2.93 | 3.03 | 3.15 | 2.99 | 3.07 | 3.18 | 3.29 | 3.11 | 3.18 | 3.30 | 3.42 |
|       |       |       | Amps | 9.1  | 9.3  | 9.6  | 10.0 | 9.8  | 10.1 | 10.4 | 10.8 | 10.7 | 11.0 | 11.3 | 11.8 | 11.5 | 11.8 | 12.2 | 12.6 | 12.2 | 12.5 | 13.0 | 13.5 | 13.0 | 13.3 | 13.8 | 14.3 |
|       |       | Hi PR | 207  | 222  | 235  | 245  | 232  | 249  | 263  | 275  | 264  | 284  | 300  | 312  | 300  | 323  | 341  | 356  | 338  | 363  | 384  | 400  | 373  | 402  | 424  | 442  |      |
| Lo PR |       | 104   | 111  | 121  | 129  | 110  | 117  | 128  | 136  | 114  | 121  | 133  | 141  | 120  | 128  | 139  | 148  | 126  | 134  | 146  | 155  | 130  | 138  | 151  | 161  |      |      |

Shaded area is ARI Rating conditions  
 High and low pressures are measured at the liquid and suction service valves.  
 IDB: Entering Indoor Dry Bulb Temperature  
 kW = Total system power  
 ARI = outdoor unit amps (comp. + fan)  
 Design Subcooling 5 - 7 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — DSZ180601A\* HIGH STAGE

| 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     | 55.4                        | 57.4 | 62.9 | -    | 54.1 | 56.1 | 61.4 | -    | 52.8 | 54.7 | 59.9 | -    | 51.5 | 53.4 | 58.5 | -    | 48.9  | 50.7 | 55.6 | -    | 45.3  | 47.0 | 51.5 | -  |
|       | S/T     | 0.72                        | 0.60 | 0.42 | -    | 0.75 | 0.63 | 0.43 | -    | 0.77 | 0.64 | 0.44 | -    | 0.79 | 0.66 | 0.46 | -    | 0.82  | 0.69 | 0.48 | -    | 0.83  | 0.69 | 0.48 | -  |
|       | ΔT      | 19                          | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 13   | -    | 19    | 16   | 12   | -    | 18    | 15   | 12   | -  |
|       | kW      | 3.59                        | 3.67 | 3.80 | -    | 3.89 | 3.98 | 4.11 | -    | 4.15 | 4.24 | 4.39 | -    | 4.38 | 4.48 | 4.64 | -    | 4.57  | 4.68 | 4.85 | -    | 4.74  | 4.86 | 5.03 | -  |
|       | Amps    | 7.2                         | 7.5  | 8.0  | -    | 8.3  | 8.7  | 9.2  | -    | 9.6  | 10.0 | 10.6 | -    | 10.8 | 11.2 | 11.8 | -    | 11.9  | 12.4 | 13.0 | -    | 13.0  | 13.5 | 14.2 | -  |
|       | Hi PR   | 218                         | 235  | 248  | -    | 245  | 264  | 278  | -    | 279  | 300  | 317  | -    | 317  | 342  | 361  | -    | 357   | 384  | 406  | -    | 395   | 425  | 448  | -  |
|       | Lo PR   | 101                         | 107  | 117  | -    | 106  | 113  | 124  | -    | 111  | 118  | 129  | -    | 116  | 124  | 135  | -    | 122   | 130  | 141  | -    | 126   | 134  | 146  | -  |
|       | MBh     | 53.8                        | 55.7 | 61.0 | -    | 52.5 | 54.4 | 59.6 | -    | 51.3 | 53.1 | 58.2 | -    | 50.0 | 51.8 | 56.8 | -    | 47.5  | 49.2 | 53.9 | -    | 44.0  | 45.6 | 50.0 | -  |
|       | S/T     | 0.69                        | 0.58 | 0.40 | -    | 0.71 | 0.60 | 0.41 | -    | 0.73 | 0.61 | 0.42 | -    | 0.76 | 0.63 | 0.44 | -    | 0.78  | 0.66 | 0.45 | -    | 0.79  | 0.66 | 0.46 | -  |
|       | ΔT      | 19                          | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20    | 17   | 13   | -    | 18    | 16   | 12   | -  |
| kW    | 3.56    | 3.64                        | 3.76 | -    | 3.85 | 3.94 | 4.08 | -    | 4.11 | 4.21 | 4.35 | -    | 4.34 | 4.44 | 4.60 | -    | 4.53 | 4.64  | 4.80 | -    | 4.70 | 4.81  | 4.98 | -    |    |
| Amps  | 7.1     | 7.4                         | 7.9  | -    | 8.2  | 8.5  | 9.1  | -    | 9.5  | 9.9  | 10.4 | -    | 10.6 | 11.0 | 11.6 | -    | 11.7 | 12.2  | 12.8 | -    | 12.8 | 13.3  | 14.0 | -    |    |
| Hi PR | 216     | 233                         | 246  | -    | 243  | 261  | 276  | -    | 276  | 297  | 314  | -    | 314  | 338  | 357  | -    | 354  | 381   | 402  | -    | 391  | 420   | 444  | -    |    |
| Lo PR | 100     | 106                         | 116  | -    | 105  | 112  | 122  | -    | 110  | 117  | 127  | -    | 115  | 122  | 134  | -    | 121  | 128   | 140  | -    | 125  | 133   | 145  | -    |    |
| MBh   | 49.6    | 51.4                        | 56.3 | -    | 48.5 | 50.2 | 55.0 | -    | 47.3 | 49.0 | 53.7 | -    | 46.2 | 47.8 | 52.4 | -    | 43.8 | 45.4  | 49.8 | -    | 40.6 | 42.1  | 46.1 | -    |    |
| S/T   | 0.66    | 0.55                        | 0.38 | -    | 0.69 | 0.58 | 0.40 | -    | 0.71 | 0.59 | 0.41 | -    | 0.73 | 0.61 | 0.42 | -    | 0.76 | 0.63  | 0.44 | -    | 0.76 | 0.64  | 0.44 | -    |    |
| ΔT    | 20      | 17                          | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17   | 13   | -    | 20   | 17    | 13   | -    | 19   | 16    | 12   | -    |    |
| kW    | 3.47    | 3.55                        | 3.67 | -    | 3.75 | 3.84 | 3.97 | -    | 4.01 | 4.10 | 4.24 | -    | 4.23 | 4.33 | 4.47 | -    | 4.42 | 4.52  | 4.68 | -    | 4.58 | 4.69  | 4.85 | -    |    |
| Amps  | 6.7     | 7.0                         | 7.5  | -    | 7.8  | 8.1  | 8.6  | -    | 9.0  | 9.4  | 10.0 | -    | 10.1 | 10.5 | 11.1 | -    | 11.2 | 11.7  | 12.3 | -    | 12.3 | 12.8  | 13.4 | -    |    |
| Hi PR | 210     | 226                         | 238  | -    | 235  | 253  | 267  | -    | 268  | 288  | 304  | -    | 305  | 328  | 346  | -    | 343  | 369   | 390  | -    | 379  | 408   | 431  | -    |    |
| Lo PR | 97      | 103                         | 112  | -    | 102  | 109  | 119  | -    | 106  | 113  | 123  | -    | 112  | 119  | 130  | -    | 117  | 124   | 136  | -    | 121  | 129   | 141  | -    |    |

|       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75    | MBh   | 56.3 | 58.0 | 62.7 | 67.3 | 55.0 | 56.6 | 61.3 | 65.8 | 53.7 | 55.3 | 59.8 | 64.2 | 52.4 | 53.9 | 58.4 | 62.6 | 49.8 | 51.2 | 55.5 | 59.5 | 46.1 | 47.5 | 51.4 | 55.1 |
|       | S/T   | 0.82 | 0.73 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.93 | 0.84 | 0.63 | 0.41 | 0.94 | 0.84 | 0.64 | 0.41 |
|       | ΔT    | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 17   | 11   | 22   | 20   | 17   | 11   | 22   | 20   | 16   | 11   | 20   | 19   | 15   | 11   |
|       | kW    | 3.62 | 3.71 | 3.83 | 3.96 | 3.92 | 4.01 | 4.15 | 4.29 | 4.19 | 4.28 | 4.43 | 4.59 | 4.42 | 4.52 | 4.68 | 4.84 | 4.62 | 4.72 | 4.89 | 5.06 | 4.79 | 4.90 | 5.07 | 5.25 |
|       | Amps  | 7.3  | 7.7  | 8.1  | 8.7  | 8.5  | 8.8  | 9.4  | 10.0 | 9.8  | 10.2 | 10.8 | 11.4 | 10.9 | 11.4 | 12.0 | 12.7 | 12.1 | 12.5 | 13.2 | 14.0 | 13.2 | 13.7 | 14.4 | 15.2 |
|       | Hi PR | 221  | 237  | 251  | 261  | 248  | 266  | 281  | 293  | 282  | 303  | 320  | 334  | 321  | 345  | 364  | 380  | 361  | 388  | 410  | 428  | 399  | 429  | 453  | 472  |
|       | Lo PR | 102  | 108  | 118  | 126  | 108  | 114  | 125  | 133  | 112  | 119  | 130  | 138  | 117  | 125  | 136  | 145  | 123  | 131  | 143  | 152  | 127  | 135  | 148  | 157  |
|       | MBh   | 54.7 | 56.3 | 60.9 | 65.4 | 53.4 | 55.0 | 59.5 | 63.9 | 52.1 | 53.7 | 58.1 | 62.3 | 50.9 | 52.4 | 56.7 | 60.8 | 48.3 | 49.7 | 53.8 | 57.8 | 44.7 | 46.1 | 49.9 | 53.5 |
|       | S/T   | 0.78 | 0.70 | 0.53 | 0.34 | 0.81 | 0.73 | 0.55 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.80 | 0.60 | 0.39 | 0.90 | 0.80 | 0.61 | 0.39 |
|       | ΔT    | 22   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 21   | 19   | 16   | 11   |
| kW    | 3.59  | 3.67 | 3.80 | 3.93 | 3.89 | 3.98 | 4.11 | 4.26 | 4.15 | 4.25 | 4.39 | 4.55 | 4.38 | 4.48 | 4.64 | 4.80 | 4.58 | 4.68 | 4.85 | 5.02 | 4.74 | 4.86 | 5.03 | 5.21 |      |
| Amps  | 7.2   | 7.5  | 8.0  | 8.5  | 8.3  | 8.7  | 9.2  | 9.8  | 9.6  | 10.0 | 10.6 | 11.3 | 10.8 | 11.2 | 11.8 | 12.5 | 11.9 | 12.4 | 13.0 | 13.8 | 13.0 | 13.5 | 14.2 | 15.0 |      |
| Hi PR | 218   | 235  | 248  | 259  | 245  | 264  | 279  | 291  | 279  | 300  | 317  | 330  | 318  | 342  | 361  | 376  | 357  | 384  | 406  | 423  | 395  | 425  | 448  | 468  |      |
| Lo PR | 101   | 107  | 117  | 125  | 106  | 113  | 124  | 132  | 111  | 118  | 129  | 137  | 116  | 124  | 135  | 144  | 122  | 130  | 142  | 151  | 126  | 134  | 146  | 156  |      |
| MBh   | 50.5  | 51.9 | 56.2 | 60.3 | 49.3 | 50.7 | 54.9 | 58.9 | 48.1 | 49.5 | 53.6 | 57.5 | 46.9 | 48.3 | 52.3 | 56.1 | 44.6 | 45.9 | 49.7 | 53.3 | 41.3 | 42.5 | 46.0 | 49.4 |      |
| S/T   | 0.76  | 0.68 | 0.51 | 0.33 | 0.78 | 0.70 | 0.53 | 0.34 | 0.80 | 0.72 | 0.54 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 |      |
| ΔT    | 23    | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 17   | 12   | 23   | 21   | 18   | 12   | 23   | 21   | 17   | 12   | 21   | 20   | 16   | 11   |      |
| kW    | 3.50  | 3.58 | 3.70 | 3.83 | 3.79 | 3.87 | 4.01 | 4.14 | 4.04 | 4.13 | 4.28 | 4.43 | 4.26 | 4.36 | 4.52 | 4.67 | 4.45 | 4.56 | 4.72 | 4.89 | 4.62 | 4.73 | 4.89 | 5.07 |      |
| Amps  | 6.8   | 7.1  | 7.6  | 8.1  | 7.9  | 8.3  | 8.8  | 9.3  | 9.2  | 9.6  | 10.1 | 10.8 | 10.3 | 10.7 | 11.3 | 12.0 | 11.4 | 11.8 | 12.5 | 13.2 | 12.5 | 13.0 | 13.6 | 14.4 |      |
| Hi PR | 212   | 228  | 241  | 251  | 238  | 256  | 270  | 282  | 270  | 291  | 307  | 320  | 308  | 331  | 350  | 365  | 346  | 373  | 394  | 411  | 383  | 412  | 435  | 454  |      |
| Lo PR | 98    | 104  | 114  | 121  | 103  | 110  | 120  | 128  | 107  | 114  | 125  | 133  | 113  | 120  | 131  | 139  | 118  | 126  | 137  | 146  | 122  | 130  | 142  | 151  |      |

Shaded area is ACCA (TYA) conditions  
 IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 kW = Total system power  
 Amps = outdoor unit amps (comp. + fan)  
 Design Subcooling 5 - 7 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — DSZ180601A\* HIGH STAGE (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     | 57.3                        | 58.6 | 62.6 | 66.9 | 56.0 | 57.2 | 61.1 | 65.3 | 54.6 | 55.8 | 59.6 | 63.8 | 53.3 | 54.5 | 58.2 | 62.2 | 50.6  | 51.7 | 55.3 | 59.1 | 46.9  | 47.9 | 51.2 | 54.7 |
|      | S/T     | 0.90                        | 0.84 | 0.69 | 0.51 | 0.93 | 0.88 | 0.71 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 1.00 | 0.93 | 0.75 | 0.56 | 1.00  | 0.96 | 0.78 | 0.59 | 1.00  | 0.97 | 0.79 | 0.59 |
|      | ΔT      | 24                          | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 25   | 24   | 20   | 16   | 24    | 23   | 20   | 16   | 22    | 22   | 19   | 15   |
|      | kW      | 3.65                        | 3.74 | 3.86 | 4.00 | 3.96 | 4.05 | 4.19 | 4.33 | 4.22 | 4.32 | 4.47 | 4.63 | 4.46 | 4.56 | 4.72 | 4.89 | 4.66  | 4.77 | 4.93 | 5.11 | 4.83  | 4.94 | 5.12 | 5.30 |
|      | Amps    | 7.4                         | 7.8  | 8.3  | 8.8  | 8.6  | 9.0  | 9.5  | 10.1 | 9.9  | 10.4 | 10.9 | 11.6 | 11.1 | 11.5 | 12.2 | 12.9 | 12.3  | 12.7 | 13.4 | 14.2 | 13.4  | 13.9 | 14.6 | 15.4 |
|      | HiPR    | 223                         | 240  | 253  | 264  | 250  | 269  | 284  | 296  | 284  | 306  | 323  | 337  | 324  | 349  | 368  | 384  | 364   | 392  | 414  | 432  | 403   | 433  | 458  | 477  |
|      | LoPR    | 103                         | 109  | 119  | 127  | 109  | 116  | 126  | 134  | 113  | 120  | 131  | 140  | 119  | 126  | 138  | 147  | 124   | 132  | 144  | 154  | 129   | 137  | 149  | 159  |
|      | MBh     | 55.6                        | 56.9 | 60.7 | 64.9 | 54.3 | 55.5 | 59.3 | 63.4 | 53.0 | 54.2 | 57.9 | 61.9 | 51.8 | 52.9 | 56.5 | 60.4 | 49.2  | 50.2 | 53.7 | 57.4 | 45.5  | 46.5 | 49.7 | 53.2 |
|      | S/T     | 0.86                        | 0.81 | 0.66 | 0.49 | 0.89 | 0.83 | 0.68 | 0.51 | 0.91 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.98  | 0.92 | 0.75 | 0.56 | 0.99  | 0.92 | 0.75 | 0.56 |
|      | ΔT      | 25                          | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 25   | 24   | 21   | 17   | 26   | 25   | 21   | 17   | 25    | 24   | 21   | 17   | 24    | 23   | 20   | 16   |
| kW   | 3.62    | 3.71                        | 3.83 | 3.96 | 3.92 | 4.01 | 4.15 | 4.29 | 4.19 | 4.28 | 4.43 | 4.59 | 4.42 | 4.52 | 4.68 | 4.85 | 4.62 | 4.73  | 4.89 | 5.06 | 4.79 | 4.90  | 5.07 | 5.25 |      |
| Amps | 7.3     | 7.7                         | 8.1  | 8.7  | 8.5  | 8.8  | 9.4  | 10.0 | 9.8  | 10.2 | 10.8 | 11.4 | 10.9 | 11.4 | 12.0 | 12.7 | 12.1 | 12.6  | 13.2 | 14.0 | 13.2 | 13.7  | 14.4 | 15.2 |      |
| HiPR | 221     | 237                         | 251  | 262  | 248  | 266  | 281  | 293  | 282  | 303  | 320  | 334  | 321  | 345  | 364  | 380  | 361  | 388   | 410  | 428  | 399  | 429   | 453  | 472  |      |
| LoPR | 102     | 108                         | 118  | 126  | 108  | 114  | 125  | 133  | 112  | 119  | 130  | 138  | 117  | 125  | 136  | 145  | 123  | 131   | 143  | 152  | 127  | 135   | 148  | 157  |      |
| MBh  | 51.4    | 52.5                        | 56.1 | 59.9 | 50.2 | 51.3 | 54.8 | 58.5 | 49.0 | 50.0 | 53.5 | 57.1 | 47.8 | 48.8 | 52.1 | 55.7 | 45.4 | 46.4  | 49.5 | 53.0 | 42.0 | 43.0  | 45.9 | 49.1 |      |
| S/T  | 0.83    | 0.78                        | 0.63 | 0.47 | 0.86 | 0.81 | 0.66 | 0.49 | 0.88 | 0.83 | 0.67 | 0.50 | 0.91 | 0.85 | 0.69 | 0.52 | 0.94 | 0.88  | 0.72 | 0.54 | 0.95 | 0.89  | 0.73 | 0.54 |      |
| ΔT   | 26      | 24                          | 21   | 17   | 26   | 25   | 22   | 17   | 26   | 25   | 22   | 17   | 26   | 25   | 21   | 17   | 26   | 25    | 21   | 17   | 24   | 23    | 20   | 16   |      |
| kW   | 3.53    | 3.61                        | 3.73 | 3.86 | 3.82 | 3.91 | 4.04 | 4.18 | 4.08 | 4.17 | 4.31 | 4.47 | 4.30 | 4.40 | 4.56 | 4.72 | 4.49 | 4.60  | 4.76 | 4.93 | 4.66 | 4.77  | 4.94 | 5.11 |      |
| Amps | 6.9     | 7.3                         | 7.7  | 8.3  | 8.0  | 8.4  | 8.9  | 9.5  | 9.3  | 9.7  | 10.3 | 10.9 | 10.4 | 10.9 | 11.5 | 12.2 | 11.6 | 12.0  | 12.6 | 13.4 | 12.7 | 13.1  | 13.8 | 14.6 |      |
| HiPR | 214     | 230                         | 243  | 254  | 240  | 258  | 273  | 285  | 273  | 294  | 310  | 324  | 311  | 335  | 354  | 369  | 350  | 377   | 398  | 415  | 387  | 416   | 439  | 458  |      |
| LoPR | 99      | 105                         | 115  | 122  | 104  | 111  | 121  | 129  | 108  | 115  | 126  | 134  | 114  | 121  | 132  | 141  | 119  | 127   | 139  | 148  | 123  | 131   | 143  | 153  |      |

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85   | MBh  | 58.3 | 59.4 | 62.2 | 66.4 | 56.9 | 58.1 | 60.8 | 64.9 | 55.6 | 56.7 | 59.4 | 63.3 | 54.2 | 55.3 | 57.9 | 61.8 | 51.5 | 52.5 | 55.0 | 58.7 | 47.7 | 48.7 | 51.0 | 54.4 |
|      | S/T  | 0.94 | 0.91 | 0.82 | 0.67 | 0.98 | 0.94 | 0.85 | 0.69 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 1.00 | 0.90 | 0.73 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.94 | 0.77 |
|      | ΔT   | 26   | 25   | 24   | 21   | 26   | 26   | 24   | 21   | 26   | 26   | 24   | 21   | 25   | 26   | 24   | 21   | 24   | 25   | 24   | 21   | 22   | 23   | 22   | 19   |
|      | kW   | 3.69 | 3.77 | 3.90 | 4.03 | 3.99 | 4.08 | 4.22 | 4.37 | 4.26 | 4.36 | 4.51 | 4.67 | 4.50 | 4.60 | 4.76 | 4.93 | 4.70 | 4.81 | 4.98 | 5.16 | 4.87 | 4.99 | 5.16 | 5.35 |
|      | Amps | 7.6  | 7.9  | 8.4  | 9.0  | 8.7  | 9.1  | 9.7  | 10.3 | 10.1 | 10.5 | 11.1 | 11.8 | 11.3 | 11.7 | 12.3 | 13.1 | 12.4 | 12.9 | 13.6 | 14.4 | 13.6 | 14.1 | 14.8 | 15.6 |
|      | HiPR | 225  | 242  | 256  | 267  | 253  | 272  | 287  | 299  | 287  | 309  | 326  | 340  | 327  | 352  | 372  | 388  | 368  | 396  | 418  | 436  | 407  | 438  | 462  | 482  |
|      | LoPR | 104  | 111  | 121  | 128  | 110  | 117  | 127  | 136  | 114  | 121  | 132  | 141  | 120  | 127  | 139  | 148  | 126  | 134  | 146  | 155  | 130  | 138  | 151  | 161  |
|      | MBh  | 56.6 | 57.7 | 60.4 | 64.5 | 55.3 | 56.4 | 59.0 | 63.0 | 54.0 | 55.0 | 57.6 | 61.5 | 52.7 | 53.7 | 56.2 | 60.0 | 50.0 | 51.0 | 53.4 | 57.0 | 46.3 | 47.2 | 49.5 | 52.8 |
|      | S/T  | 0.90 | 0.87 | 0.78 | 0.64 | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.92 | 0.83 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.90 | 0.73 |
|      | ΔT   | 27   | 26   | 25   | 22   | 27   | 27   | 25   | 22   | 27   | 27   | 25   | 22   | 27   | 27   | 25   | 22   | 26   | 27   | 25   | 22   | 24   | 25   | 23   | 20   |
| kW   | 3.65 | 3.74 | 3.86 | 4.00 | 3.96 | 4.05 | 4.19 | 4.33 | 4.22 | 4.32 | 4.47 | 4.63 | 4.46 | 4.56 | 4.72 | 4.89 | 4.66 | 4.77 | 4.93 | 5.11 | 4.83 | 4.94 | 5.12 | 5.30 |      |
| Amps | 7.4  | 7.8  | 8.3  | 8.8  | 8.6  | 9.0  | 9.5  | 10.1 | 9.9  | 10.4 | 10.9 | 11.6 | 11.1 | 11.5 | 12.2 | 12.9 | 12.3 | 12.7 | 13.4 | 14.2 | 13.4 | 13.9 | 14.6 | 15.4 |      |
| HiPR | 223  | 240  | 253  | 264  | 250  | 269  | 284  | 296  | 284  | 306  | 323  | 337  | 324  | 349  | 368  | 384  | 364  | 392  | 414  | 432  | 403  | 433  | 458  | 477  |      |
| LoPR | 103  | 109  | 119  | 127  | 109  | 116  | 126  | 134  | 113  | 120  | 131  | 140  | 119  | 126  | 138  | 147  | 124  | 132  | 144  | 154  | 129  | 137  | 149  | 159  |      |
| MBh  | 52.2 | 53.3 | 55.8 | 59.5 | 51.0 | 52.0 | 54.5 | 58.1 | 49.8 | 50.8 | 53.2 | 56.7 | 48.6 | 49.5 | 51.9 | 55.4 | 46.2 | 47.1 | 49.3 | 52.6 | 42.8 | 43.6 | 45.7 | 48.7 |      |
| S/T  | 0.87 | 0.84 | 0.76 | 0.61 | 0.90 | 0.87 | 0.78 | 0.64 | 0.92 | 0.89 | 0.80 | 0.65 | 0.95 | 0.92 | 0.83 | 0.67 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.96 | 0.87 | 0.70 |      |
| ΔT   | 27   | 27   | 25   | 22   | 28   | 27   | 26   | 22   | 28   | 27   | 26   | 22   | 28   | 27   | 26   | 22   | 27   | 27   | 25   | 22   | 26   | 25   | 24   | 21   |      |
| kW   | 3.56 | 3.64 | 3.76 | 3.89 | 3.85 | 3.94 | 4.08 | 4.22 | 4.11 | 4.21 | 4.35 | 4.50 | 4.34 | 4.44 | 4.60 | 4.76 | 4.53 | 4.64 | 4.80 | 4.97 | 4.70 | 4.81 | 4.98 | 5.16 |      |
| Amps | 7.1  | 7.4  | 7.9  | 8.4  | 8.2  | 8.5  | 9.1  | 9.6  | 9.5  | 9.9  | 10.4 | 11.1 | 10.6 | 11.0 | 11.6 | 12.3 | 11.7 | 12.2 | 12.8 | 13.6 | 12.8 | 13.3 | 14.0 | 14.8 |      |
| HiPR | 216  | 233  | 246  | 256  | 243  | 261  | 276  | 287  | 276  | 297  | 313  | 327  | 314  | 338  | 357  | 372  | 353  | 380  | 402  | 419  | 391  | 420  | 444  | 463  |      |
| LoPR | 100  | 106  | 116  | 123  | 105  | 112  | 122  | 130  | 110  | 117  | 127  | 135  | 115  | 122  | 134  | 142  | 121  | 128  | 140  | 149  | 125  | 133  | 145  | 154  |      |

Shaded area is ARI Rating conditions  
 High and low pressures are measured at the liquid and suction service valves.  
 IDB: Entering Indoor Dry Bulb Temperature  
 kW = Total system power  
 Amps = outdoor unit amps (comp. + fan)  
 Design Subcooling 5 - 7 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED HEATING DATA — Low Stage

DSZ180361A\* / CA\*F3642C6A\*+TXV/ MBE1600\*\*-1

|       | Outdoor Ambient Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   | -10  |
| MBh   | 30.8                        | 29.2 | 27.4 | 25.6 | 24.5 | 23.7 | 22.0 | 20.3 | 18.0 | 16.6 | 15.3 | 14.5 | 13.9 | 12.5 | 11.1 | 9.7  | 8.3  | 6.8  |
| ΔT    | 33.5                        | 31.8 | 29.9 | 27.9 | 26.7 | 25.9 | 24.0 | 22.1 | 19.6 | 18.1 | 16.7 | 15.8 | 15.2 | 13.6 | 12.1 | 10.5 | 9.0  | 7.4  |
| kW    | 1.98                        | 1.94 | 1.90 | 1.86 | 1.8  | 1.81 | 1.77 | 1.73 | 1.78 | 1.74 | 1.69 | 1.67 | 1.65 | 1.60 | 1.56 | 1.51 | 1.47 | 1.42 |
| Amps  | 9.5                         | 8.8  | 8.2  | 7.7  | 7.5  | 7.3  | 6.9  | 6.5  | 6.2  | 6.0  | 5.7  | 5.5  | 5.5  | 5.2  | 4.8  | 4.5  | 4.2  | 3.7  |
| COP   | 4.54                        | 4.39 | 4.23 | 4.04 | 3.91 | 3.83 | 3.64 | 3.44 | 2.96 | 2.81 | 2.65 | 2.54 | 2.48 | 2.28 | 2.08 | 1.87 | 1.64 | 1.39 |
| EER   | 15.5                        | 15.0 | 14.4 | 13.8 | 13.4 | 13.1 | 12.4 | 11.7 | 10.1 | 9.6  | 9.1  | 8.7  | 8.5  | 7.8  | 7.1  | 6.4  | 5.6  | 4.7  |
| HI PR | 393                         | 377  | 362  | 346  | 338  | 332  | 319  | 306  | 293  | 280  | 269  | 262  | 258  | 248  | 238  | 229  | 221  | 213  |
| LO PR | 145                         | 134  | 126  | 116  | 109  | 105  | 97   | 86   | 78   | 69   | 61   | 57   | 55   | 46   | 40   | 34   | 29   | 23   |

DSZ180481A\* / CA\*F4860\*6A\*+TXV/ MBE2000\*\*-1

|       | Outdoor Ambient Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   | -10  |
| MBh   | 43.8                        | 41.4 | 39.0 | 36.5 | 34.8 | 33.7 | 31.3 | 28.9 | 27.0 | 25.0 | 23.0 | 21.7 | 20.9 | 18.7 | 16.6 | 14.5 | 12.4 | 10.1 |
| ΔT    | 33.8                        | 32.0 | 30.1 | 28.1 | 26.9 | 26.0 | 24.2 | 22.3 | 20.9 | 19.3 | 17.7 | 16.7 | 16.1 | 14.5 | 12.8 | 11.2 | 9.5  | 7.8  |
| kW    | 2.67                        | 2.62 | 2.56 | 2.50 | 2.5  | 2.44 | 2.39 | 2.33 | 2.44 | 2.38 | 2.32 | 2.28 | 2.26 | 2.19 | 2.13 | 2.07 | 2.01 | 1.95 |
| Amps  | 12.7                        | 11.7 | 10.9 | 10.2 | 9.8  | 9.6  | 9.0  | 8.5  | 8.1  | 7.7  | 7.2  | 7.0  | 6.9  | 6.5  | 6.0  | 5.6  | 5.1  | 4.5  |
| COP   | 4.79                        | 4.63 | 4.46 | 4.27 | 4.13 | 4.04 | 3.84 | 3.63 | 3.24 | 3.07 | 2.90 | 2.78 | 2.71 | 2.50 | 2.28 | 2.05 | 1.80 | 1.52 |
| EER   | 16.4                        | 15.8 | 15.2 | 14.6 | 14.1 | 13.8 | 13.1 | 12.4 | 11.1 | 10.5 | 9.9  | 9.5  | 9.3  | 8.5  | 7.8  | 7.0  | 6.2  | 5.2  |
| HI PR | 391                         | 375  | 360  | 344  | 336  | 330  | 317  | 304  | 292  | 278  | 267  | 261  | 256  | 247  | 237  | 227  | 219  | 212  |
| LO PR | 145                         | 134  | 126  | 115  | 109  | 105  | 97   | 86   | 78   | 69   | 61   | 57   | 55   | 46   | 40   | 34   | 29   | 23   |

DSZ180601A\* / CA\*F4860\*6A\*+TXV/ MBE2000\*\*-1

|       | Outdoor Ambient Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   | -10  |
| MBh   | 52.0                        | 49.2 | 46.3 | 43.3 | 41.4 | 40.1 | 37.2 | 34.3 | 32.6 | 30.1 | 27.7 | 26.1 | 25.2 | 22.6 | 20.0 | 17.5 | 14.9 | 12.2 |
| ΔT    | 40.1                        | 38.0 | 35.7 | 33.4 | 31.9 | 30.9 | 28.7 | 26.5 | 25.1 | 23.2 | 21.4 | 20.2 | 19.4 | 17.4 | 15.5 | 13.5 | 11.5 | 9.4  |
| kW    | 3.66                        | 3.58 | 3.50 | 3.42 | 3.4  | 3.34 | 3.26 | 3.18 | 3.23 | 3.15 | 3.06 | 3.01 | 2.98 | 2.90 | 2.81 | 2.73 | 2.65 | 2.57 |
| Amps  | 17.5                        | 16.2 | 15.1 | 14.2 | 13.6 | 13.4 | 12.6 | 11.9 | 11.3 | 10.8 | 10.3 | 10.0 | 9.8  | 9.3  | 8.6  | 8.1  | 7.4  | 6.6  |
| COP   | 4.16                        | 4.02 | 3.87 | 3.71 | 3.59 | 3.51 | 3.34 | 3.16 | 2.95 | 2.80 | 2.64 | 2.54 | 2.47 | 2.28 | 2.08 | 1.87 | 1.65 | 1.39 |
| EER   | 14.2                        | 13.7 | 13.2 | 12.7 | 12.3 | 12.0 | 11.4 | 10.8 | 10.1 | 9.6  | 9.0  | 8.7  | 8.4  | 7.8  | 7.1  | 6.4  | 5.6  | 4.8  |
| HI PR | 421                         | 403  | 388  | 371  | 362  | 355  | 341  | 328  | 314  | 300  | 288  | 281  | 276  | 265  | 255  | 245  | 236  | 228  |
| LO PR | 138                         | 128  | 120  | 110  | 104  | 100  | 92   | 82   | 74   | 66   | 58   | 54   | 52   | 44   | 38   | 32   | 28   | 22   |

High pressure is measured at the suction service valve ( the larger valve).  
 Low pressure is measured at the gauge port connection.  
 Calculations are based on nominal CFM and 70 °F indoor dry bulb.

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

## EXPANDED HEATING DATA — HIGH STAGE

DSZ180361A\* / CA\*F3642C6A\*+TXV/ MBE1600\*\*-1

|       | Outdoor Ambient Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   | -10  |
| MBh   | 44.5                        | 42.2 | 39.7 | 37.1 | 35.4 | 34.3 | 31.9 | 29.4 | 27.5 | 25.4 | 23.4 | 22.0 | 21.2 | 19.1 | 16.9 | 14.7 | 12.6 | 10.3 |
| ΔT    | 33.0                        | 31.2 | 29.4 | 27.5 | 26.2 | 25.4 | 23.6 | 21.8 | 20.4 | 18.8 | 17.3 | 16.3 | 15.7 | 14.1 | 12.5 | 10.9 | 9.3  | 7.6  |
| kW    | 2.81                        | 2.75 | 2.69 | 2.63 | 2.6  | 2.57 | 2.52 | 2.46 | 2.43 | 2.37 | 2.32 | 2.28 | 2.26 | 2.20 | 2.14 | 2.08 | 2.02 | 1.97 |
| Amps  | 12.8                        | 11.8 | 11.1 | 10.4 | 10.0 | 9.8  | 9.2  | 8.7  | 8.3  | 8.0  | 7.6  | 7.4  | 7.3  | 6.9  | 6.4  | 6.0  | 5.5  | 4.9  |
| COP   | 4.64                        | 4.49 | 4.32 | 4.12 | 3.99 | 3.90 | 3.71 | 3.50 | 3.30 | 3.13 | 2.95 | 2.83 | 2.75 | 2.54 | 2.31 | 2.07 | 1.82 | 1.53 |
| EER   | 15.9                        | 15.3 | 14.8 | 14.1 | 13.6 | 13.3 | 12.7 | 12.0 | 11.3 | 10.7 | 10.1 | 9.7  | 9.4  | 8.7  | 7.9  | 7.1  | 6.2  | 5.2  |
| HI PR | 400                         | 383  | 369  | 352  | 344  | 338  | 324  | 311  | 298  | 285  | 274  | 267  | 262  | 252  | 243  | 233  | 224  | 216  |
| LO PR | 143                         | 132  | 124  | 114  | 108  | 104  | 95   | 85   | 77   | 68   | 60   | 56   | 54   | 46   | 39   | 33   | 29   | 23   |

DSZ180481A\* / CA\*F4860\*6A\*+TXV/ MBE2000\*\*-1

|       | Outdoor Ambient Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   | -10  |
| MBh   | 62.2                        | 58.9 | 55.4 | 51.8 | 49.5 | 48.0 | 44.6 | 41.1 | 38.9 | 35.9 | 33.0 | 31.2 | 30.0 | 27.0 | 23.9 | 20.8 | 17.8 | 14.6 |
| ΔT    | 32.9                        | 31.2 | 29.3 | 27.4 | 26.2 | 25.4 | 23.6 | 21.7 | 20.6 | 19.0 | 17.5 | 16.5 | 15.9 | 14.3 | 12.6 | 11.0 | 9.4  | 7.7  |
| kW    | 3.80                        | 3.72 | 3.64 | 3.56 | 3.5  | 3.49 | 3.41 | 3.33 | 3.28 | 3.20 | 3.12 | 3.07 | 3.04 | 2.96 | 2.89 | 2.81 | 2.73 | 2.66 |
| Amps  | 17.0                        | 15.7 | 14.7 | 13.8 | 13.2 | 13.0 | 12.2 | 11.5 | 11.0 | 10.5 | 10.0 | 9.7  | 9.6  | 9.1  | 8.4  | 7.9  | 7.2  | 6.4  |
| COP   | 4.80                        | 4.64 | 4.46 | 4.26 | 4.12 | 4.03 | 3.82 | 3.61 | 3.47 | 3.29 | 3.10 | 2.97 | 2.89 | 2.66 | 2.42 | 2.17 | 1.90 | 1.61 |
| EER   | 16.4                        | 15.8 | 15.2 | 14.5 | 14.1 | 13.8 | 13.1 | 12.3 | 11.9 | 11.2 | 10.6 | 10.2 | 9.9  | 9.1  | 8.3  | 7.4  | 6.5  | 5.5  |
| HI PR | 398                         | 382  | 367  | 351  | 343  | 336  | 323  | 310  | 297  | 284  | 272  | 266  | 261  | 251  | 241  | 232  | 223  | 215  |
| LO PR | 137                         | 127  | 119  | 109  | 103  | 99   | 91   | 81   | 73   | 65   | 57   | 53   | 51   | 44   | 38   | 32   | 28   | 22   |

DSZ180601A\* / CA\*F4860\*6A\*+TXV/ MBE2000\*\*-1

|       | Outdoor Ambient Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 65                          | 60   | 55   | 50   | 47   | 45   | 40   | 35   | 30   | 25   | 20   | 17   | 15   | 10   | 5    | 0    | -5   | -10  |
| MBh   | 71.6                        | 67.8 | 63.8 | 59.7 | 57.0 | 55.2 | 51.3 | 47.3 | 46.7 | 43.1 | 39.7 | 37.5 | 36.1 | 32.4 | 28.7 | 25.0 | 21.4 | 17.5 |
| ΔT    | 37.9                        | 35.9 | 33.8 | 31.6 | 30.2 | 29.2 | 27.1 | 25.0 | 24.7 | 22.8 | 21.0 | 19.8 | 19.1 | 17.1 | 15.2 | 13.2 | 11.3 | 9.3  |
| kW    | 4.94                        | 4.84 | 4.73 | 4.63 | 4.6  | 4.52 | 4.42 | 4.32 | 4.28 | 4.17 | 4.07 | 4.00 | 3.96 | 3.85 | 3.75 | 3.65 | 3.54 | 3.44 |
| Amps  | 24.5                        | 22.1 | 20.2 | 18.6 | 17.6 | 17.1 | 15.7 | 14.5 | 13.6 | 12.6 | 11.7 | 11.2 | 10.9 | 10.0 | 8.8  | 7.9  | 6.7  | 5.3  |
| COP   | 4.24                        | 4.10 | 3.95 | 3.77 | 3.65 | 3.57 | 3.40 | 3.21 | 3.19 | 3.02 | 2.86 | 2.74 | 2.66 | 2.46 | 2.24 | 2.01 | 1.77 | 1.49 |
| EER   | 14.5                        | 14.0 | 13.5 | 12.9 | 12.5 | 12.2 | 11.6 | 11.0 | 10.9 | 10.3 | 9.8  | 9.4  | 9.1  | 8.4  | 7.7  | 6.9  | 6.0  | 5.1  |
| HI PR | 421                         | 403  | 388  | 371  | 362  | 355  | 342  | 328  | 314  | 300  | 288  | 281  | 276  | 265  | 255  | 245  | 236  | 228  |
| LO PR | 127                         | 118  | 111  | 102  | 96   | 92   | 85   | 76   | 68   | 61   | 54   | 50   | 48   | 41   | 35   | 30   | 26   | 20   |

High pressure is measured at the suction service valve ( the larger valve).  
 Low pressure is measured at the gauge port connection.  
 Calculations are based on nominal CFM and 70 °F indoor dry bulb.

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

# AHRI PERFORMANCE RATINGS

| Outdoor Unit                   | Indoor Units                   |              | Cooling Capacity |          |                   | TVA Ratings      |        |          | Heating Capacity |        | AHRI # |        |
|--------------------------------|--------------------------------|--------------|------------------|----------|-------------------|------------------|--------|----------|------------------|--------|--------|--------|
|                                | Coil / Blower                  | Furnace      | Total            | Sensible | SEER <sup>1</sup> | EER <sup>2</sup> | Total  | Sensible | High             | Low    |        |        |
| DSZ18<br>0361A*                | AEPF313716A*+TXV               |              | 35,000           | 26,600   | 18.0              | 13.0             | 32,400 | 26,200   | 35,000           | 9.25   | 20,400 |        |
|                                | AEPF426016C*+TXV               |              | 35,000           | 26,600   | 18.0              | 13.0             | 32,400 | 26,200   | 35,000           | 9.25   | 20,400 |        |
|                                | CA*F3743*6A*+MBE1600**-1B*+TXV |              | 35,000           | 26,600   | 18.0              | 13.0             | 32,400 | 26,200   | 35,000           | 9.5    | 20,400 |        |
|                                | CA*F3743*6A*+MBE2000**-1B*+TXV |              | 35,000           | 26,600   | 18.0              | 13.0             | 32,400 | 26,200   | 35,000           | 9.25   | 20,400 |        |
|                                | CA*F3743*6A*+TXV               | A*V80704B**  |                  | 34,600   | 26,300            | 17.5             | 12.5   | 32,000   | 25,900           | 35,000 | 9.25   | 20,000 |
|                                | CA*F3743*6A*+TXV               | A*V80905C**  |                  | 34,600   | 26,300            | 17.5             | 12.5   | 32,000   | 25,900           | 35,000 | 9.25   | 20,000 |
|                                | CA*F3743*6A*+TXV               | A*V81155C**  |                  | 34,600   | 26,300            | 17.5             | 12.5   | 32,000   | 25,900           | 35,000 | 9.25   | 20,000 |
|                                | CA*F3743*6A*+TXV               | G*V95453B**  |                  | 34,600   | 26,300            | 17.5             | 12.5   | 32,000   | 25,900           | 35,000 | 9.25   | 20,000 |
|                                | CA*F3743*6A*+TXV               | G*V950704C** |                  | 34,600   | 26,300            | 17.5             | 12.5   | 32,000   | 25,900           | 35,000 | 9.25   | 20,000 |
|                                | CA*F3743*6A*+TXV               | G*V950905D** |                  | 35,000   | 26,600            | 18.0             | 13.0   | 32,400   | 26,200           | 35,000 | 9.25   | 20,400 |
|                                | CA*F3743*6A*+TXV               | G*V951155D** |                  | 35,000   | 26,600            | 18.0             | 13.0   | 32,400   | 26,200           | 35,000 | 9.25   | 20,400 |
|                                | CA*F4860*6B*+TXV               | A*V80905C**  |                  | 35,000   | 26,600            | 18.0             | 13.0   | 32,400   | 26,200           | 35,000 | 9.5    | 20,000 |
|                                | CA*F4961*6A*+MBE1600**-1B*+TXV |              |                  | 35,000   | 26,600            | 18.0             | 13.0   | 32,400   | 26,200           | 35,000 | 9.25   | 20,400 |
|                                | CA*F4961*6A*+MBE2000**-1B*+TXV |              |                  | 35,000   | 26,600            | 18.0             | 13.0   | 32,400   | 26,200           | 35,000 | 9.25   | 20,400 |
|                                | CA*F4961*6A*+TXV               | A*V80704B**  |                  | 34,600   | 26,300            | 17.5             | 12.5   | 32,000   | 25,900           | 35,000 | 9.25   | 20,000 |
|                                | CA*F4961*6A*+TXV               | A*V80905C**  |                  | 34,600   | 26,300            | 17.5             | 12.5   | 32,000   | 25,900           | 35,000 | 9.25   | 20,000 |
|                                | CA*F4961*6A*+TXV               | A*V81155C**  |                  | 34,600   | 26,300            | 17.5             | 12.5   | 32,000   | 25,900           | 35,000 | 9.25   | 20,000 |
|                                | CA*F4961*6A*+TXV               | G*V95453B**  |                  | 34,600   | 26,300            | 17.5             | 12.5   | 32,000   | 25,900           | 35,000 | 9.25   | 20,000 |
|                                | CA*F4961*6A*+TXV               | G*V950704C** |                  | 34,600   | 26,300            | 17.5             | 12.5   | 32,000   | 25,900           | 35,000 | 9.25   | 20,000 |
|                                | CA*F4961*6A*+TXV               | G*V950905D** |                  | 35,000   | 26,600            | 18.0             | 13.0   | 32,400   | 26,200           | 35,000 | 9.25   | 20,000 |
|                                | CA*F4961*6A*+TXV               | G*V951155D** |                  | 35,000   | 26,600            | 18.0             | 13.0   | 32,400   | 26,200           | 35,000 | 9.5    | 20,400 |
|                                | CHPF3743C6A*+MBE1600**-1B*+TXV |              |                  | 35,000   | 26,600            | 18.0             | 13.0   | 32,400   | 26,200           | 35,000 | 9.25   | 20,000 |
|                                | CHPF3743C6A*+TXV               | A*V80704B**  |                  | 34,600   | 26,300            | 17.5             | 12.5   | 32,000   | 25,900           | 35,000 | 9.25   | 20,000 |
|                                | CHPF3743C6A*+TXV               | A*V80905C**  |                  | 34,600   | 26,300            | 17.5             | 12.5   | 32,000   | 25,900           | 35,000 | 9.25   | 20,000 |
|                                | CHPF3743C6A*+TXV               | A*V81155C**  |                  | 34,600   | 26,300            | 17.5             | 12.5   | 32,000   | 25,900           | 35,000 | 9.25   | 20,000 |
|                                | CHPF3743C6A*+TXV               | G*V95453B**  |                  | 34,600   | 26,300            | 17.5             | 12.5   | 32,000   | 25,900           | 35,000 | 9.25   | 20,000 |
|                                | CHPF3743C6A*+TXV               | G*V950704C** |                  | 34,600   | 26,300            | 17.5             | 12.5   | 32,000   | 25,900           | 35,000 | 9.25   | 20,000 |
|                                | CHPF3743C6B*+MBE1600**-1B*+TXV |              |                  | 35,000   | 26,600            | 18.0             | 13.0   | 32,400   | 26,200           | 35,000 | 9.5    | 20,400 |
| CHPF3743C6B*+TXV               | A*V80704B**                    |              | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |        |
| CHPF3743C6B*+TXV               | A*V80905C**                    |              | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |        |
| CHPF3743C6B*+TXV               | A*V81155C**                    |              | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |        |
| CHPF3743C6B*+TXV               | G*V95453B**                    |              | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |        |
| CHPF3743C6B*+TXV               | G*V950704C**                   |              | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |        |
| CHPF3743D6A*+MBE2000**-1B*+TXV |                                |              | 35,000           | 26,600   | 18.0              | 13.0             | 32,400 | 26,200   | 35,000           | 9.25   | 20,000 |        |
| CHPF3743D6A*+TXV               | A*V80905C**                    |              | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |        |
| CHPF3743D6A*+TXV               | A*V81155C**                    |              | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |        |
| CHPF3743D6A*+TXV               | G*V950704C**                   |              | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |        |
| CHPF3743D6A*+TXV               | G*V950905D**                   |              | 35,000           | 26,600   | 18.0              | 13.0             | 32,400 | 26,200   | 35,000           | 9.25   | 20,400 |        |
| CHPF3743D6A*+TXV               | G*V951155D**                   |              | 35,000           | 26,600   | 18.0              | 13.0             | 32,400 | 26,200   | 35,000           | 9.25   | 20,000 |        |

See **Notes** on Page 20.

# AHRI PERFORMANCE RATINGS (CONT.)

| Outdoor Unit                   | Indoor Units                   |              | Cooling Capacity |          |                   | TVA Ratings      |        |          | Heating Capacity |        | AHRI # |
|--------------------------------|--------------------------------|--------------|------------------|----------|-------------------|------------------|--------|----------|------------------|--------|--------|
|                                | Coil / Blower                  | Furnace      | Total            | Sensible | SEER <sup>1</sup> | EER <sup>2</sup> | Total  | Sensible | High             | Low    |        |
| DSZ18<br>0361A*<br>(cont.)     | CHPF3743D6B*+MBE2000**-1B*+TXV | A*V80905C**  | 35,000           | 26,600   | 18.0              | 13.0             | 32,400 | 26,200   | 35,000           | 9.25   | 20,000 |
|                                | CHPF3743D6B*+TXV               | A*V80905C**  | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |
|                                | CHPF3743D6B*+TXV               | A*V81155C**  | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |
|                                | CHPF3743D6B*+TXV               | G*V950704C** | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |
|                                | CHPF3743D6B*+TXV               | G*V950905D** | 35,000           | 26,600   | 18.0              | 13.0             | 32,400 | 26,200   | 35,000           | 9.25   | 20,400 |
|                                | CHPF3743D6B*+TXV               | G*V951155D** | 35,000           | 26,600   | 18.0              | 13.0             | 32,400 | 26,200   | 35,000           | 9.25   | 20,000 |
|                                | CHPF4860D6C*+MBE2000**-1B*+TXV | A*V80905C**  | 35,000           | 26,600   | 18.0              | 13.0             | 32,400 | 26,200   | 35,000           | 9.25   | 20,000 |
|                                | CHPF4860D6C*+TXV               | A*V80905C**  | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |
|                                | CHPF4860D6C*+TXV               | A*V81155C**  | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |
|                                | CHPF4860D6C*+TXV               | G*V950704C** | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |
|                                | CHPF4860D6C*+TXV               | G*V950905D** | 35,000           | 26,600   | 18.0              | 13.0             | 32,400 | 26,200   | 35,000           | 9.25   | 20,000 |
|                                | CHPF4860D6C*+TXV               | G*V951155D** | 35,000           | 26,600   | 18.0              | 13.0             | 32,400 | 26,200   | 35,000           | 9.25   | 20,000 |
|                                | CHPF4860D6D*+TXV               | A*V80905C**  | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |
|                                | CHPF4860D6D*+TXV               | A*V81155C**  | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |
|                                | CHPF4860D6D*+TXV               | G*V950704C** | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |
|                                | CHPF4860D6D*+TXV               | G*V950905D** | 35,000           | 26,600   | 18.0              | 13.0             | 32,400 | 26,200   | 35,000           | 9.25   | 20,000 |
|                                | CHPF4860D6D*+TXV               | G*V951155D** | 35,000           | 26,600   | 18.0              | 13.0             | 32,400 | 26,200   | 35,000           | 9.25   | 20,000 |
|                                | CHTF3743C6A*+MBE1600**-1B*+TXV | A*V80905C**  | 34,600           | 26,300   | 18.0              | 13.0             | 32,000 | 25,900   | 35,000           | 9.5    | 20,400 |
|                                | CHTF3743D6A*+MBE2000**-1B*+TXV | A*V81155C**  | 34,600           | 26,300   | 18.0              | 13.0             | 32,000 | 25,900   | 35,000           | 9.2    | 20,000 |
|                                | CHTF4860D6A*+MBE2000**-1B*+TXV | G*V950905D** | 35,000           | 26,600   | 18.0              | 13.0             | 32,400 | 26,200   | 35,000           | 9.2    | 20,000 |
|                                | CSCF3642N6C*+TXV               | A*V80704B**  | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |
|                                | CSCF3642N6C*+TXV               | A*V80905C**  | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |
|                                | CSCF3642N6C*+TXV               | A*V81155C**  | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |
|                                | CSCF3642N6C*+TXV               | G*V95453B**  | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |
|                                | CSCF3642N6C*+TXV               | G*V950704C** | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |
|                                | CSCF3642N6C*+TXV               | G*V950905D** | 35,000           | 26,600   | 18.0              | 13.0             | 32,400 | 26,200   | 35,000           | 9.25   | 20,000 |
|                                | CSCF3642N6C*+TXV               | G*V951155D** | 35,000           | 26,600   | 18.0              | 13.0             | 32,400 | 26,200   | 35,000           | 9.25   | 20,000 |
|                                | CSCF4860N6C*+TXV               | A*V80704B**  | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |
|                                | CSCF4860N6C*+TXV               | A*V80905C**  | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |
|                                | CSCF4860N6C*+TXV               | A*V81155C**  | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |
|                                | CSCF4860N6C*+TXV               | G*V95453B**  | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |
|                                | CSCF4860N6C*+TXV               | G*V950704C** | 34,600           | 26,300   | 17.5              | 12.5             | 32,000 | 25,900   | 35,000           | 9.25   | 20,000 |
| CSCF4860N6C*+TXV               | G*V950905D**                   | 35,000       | 26,600           | 18.0     | 13.0              | 32,400           | 26,200 | 35,000   | 9.25             | 20,000 |        |
| CSCF4860N6C*+TXV               | G*V951155D**                   | 35,000       | 26,600           | 18.0     | 13.0              | 32,400           | 26,200 | 35,000   | 9.25             | 20,000 |        |
| CT*F3642*6A*+MBE1600**-1B*+TXV | A*V80905C**                    | 34,600       | 26,300           | 18.0     | 13.0              | 32,000           | 25,900 | 35,000   | 9.5              | 20,400 |        |
| CT*F4860*6A*+MBE2000**-1B*+TXV | A*V81155C**                    | 35,000       | 26,600           | 18.0     | 13.0              | 32,400           | 26,200 | 35,000   | 9.25             | 20,000 |        |
| CSCF3642N6C*+MBE1600**-1B*+TXV | G*V95453B**                    | 35,000       | 26,600           | 18.0     | 13.0              | 32,400           | 26,200 | 35,000   | 9.25             | 20,000 |        |
| CT*F4860*6A*+MBE1600**-1B*+TXV | G*V950704C**                   | 35,000       | 26,600           | 18.0     | 13.0              | 32,400           | 26,200 | 35,000   | 9.5              | 20,400 |        |
|                                | G*V950905D**                   | 35,000       | 26,600           | 18.0     | 13.0              | 32,400           | 26,200 | 35,000   | 9.25             | 20,000 |        |
|                                | G*V951155D**                   | 35,000       | 26,600           | 18.0     | 13.0              | 32,400           | 26,200 | 35,000   | 9.25             | 20,000 |        |

See **Notes** on Page 20.

# AHRI PERFORMANCE RATINGS (CONT.)

| Outdoor Unit    | Indoor Units                   |              | Cooling Capacity |          | TVA Ratings       |                  | Heating Capacity |          | AHRI # |      |                   |
|-----------------|--------------------------------|--------------|------------------|----------|-------------------|------------------|------------------|----------|--------|------|-------------------|
|                 | Coil / Blower                  | Furnace      | Total            | Sensible | SEER <sup>1</sup> | EER <sup>2</sup> | Total            | Sensible |        | High | HSPF <sup>3</sup> |
| DSZ18<br>0481A* | AEPF426016C*+TXV               |              | 47,000           | 35,300   | 17.5              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CA*F4961*6A*+MBE1600**-1B*+TXV |              | 47,000           | 35,300   | 17.5              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CA*F4961*6A*+MBE2000**-1B*+TXV |              | 47,500           | 35,600   | 18.0              | 13.0             | 43,900           | 35,100   | 47,500 | 9.5  | 29,600            |
|                 | CA*F4961*6A*+TXV               | A*V80905C**  | 47,000           | 35,300   | 17.5              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CA*F4961*6A*+TXV               | A*V81155C**  | 47,000           | 35,300   | 17.5              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CA*F4961*6A*+TXV               | G*V950704C** | 47,000           | 35,300   | 17.5              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CA*F4961*6A*+TXV               | G*V950905D** | 47,000           | 35,300   | 17.5              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CA*F4961*6A*+TXV               | G*V951155D** | 47,000           | 35,300   | 17.8              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CHPF4860D6C*+MBE2000**-1B*+TXV |              | 47,500           | 35,600   | 18.0              | 13.0             | 43,900           | 35,100   | 47,500 | 9.5  | 29,600            |
|                 | CHPF4860D6C*+TXV               | A*V80905C**  | 47,000           | 35,300   | 17.5              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CHPF4860D6C*+TXV               | A*V81155C**  | 47,000           | 35,300   | 17.5              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CHPF4860D6C*+TXV               | A*V90704C**  | 47,000           | 35,300   | 17.5              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CHPF4860D6C*+TXV               | A*V90905D**  | 47,000           | 35,300   | 17.5              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CHPF4860D6C*+TXV               | A*V91155D**  | 47,000           | 35,300   | 17.8              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CHPF4860D6D*+TXV               | A*V80905C**  | 47,000           | 35,300   | 17.5              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CHPF4860D6D*+TXV               | A*V81155C**  | 47,000           | 35,300   | 17.5              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CHPF4860D6D*+TXV               | G*V950704C** | 47,000           | 35,300   | 17.5              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CHPF4860D6D*+TXV               | G*V950905D** | 47,000           | 35,300   | 17.5              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CHPF4860D6D*+TXV               | G*V951155D** | 47,000           | 35,300   | 17.8              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CHTF4860D6A*+MBE2000**-1B*+TXV |              | 47,000           | 35,300   | 18.0              | 13.0             | 43,500           | 34,800   | 47,500 | 9.5  | 29,600            |
|                 | CSCF4860N6C*+TXV               | A*V80905C**  | 47,000           | 35,300   | 17.5              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CSCF4860N6C*+TXV               | A*V81155C**  | 47,000           | 35,300   | 17.5              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CSCF4860N6C*+TXV               | G*V950704C** | 47,000           | 35,300   | 17.5              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CSCF4860N6C*+TXV               | G*V950905D** | 47,000           | 35,300   | 17.5              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CSCF4860N6C*+TXV               | G*V951155D** | 47,000           | 35,300   | 17.8              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |
|                 | CT*F4860*6A*+MBE2000**-1B*+TXV |              | 47,000           | 35,300   | 18.0              | 13.0             | 43,500           | 34,800   | 47,500 | 9.5  | 29,600            |
|                 | CSCF4860N6C*+MBE2000**-1B*+TXV |              | 47,500           | 35,600   | 18.0              | 13.0             | 43,900           | 35,100   | 47,500 | 9.5  | 29,600            |
|                 | CT*F4860*6A*+MBE1600**-1B*+TXV |              | 47,000           | 35,300   | 17.5              | 12.5             | 43,500           | 34,800   | 47,000 | 9.25 | 29,000            |

<sup>1</sup> Seasonal Energy Efficiency Ratio; Certified per ARI 210/240 @ 80°F/67°F/95°F  
<sup>3</sup> TVA Rating: BTU/h @ 75°F/63°F - 95°F

<sup>2</sup> Energy Efficiency Ratio @ 80°F/67°F/95°F

<sup>4</sup> HSPF = Heating Seasonal Performance Factor

**Notes:**

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

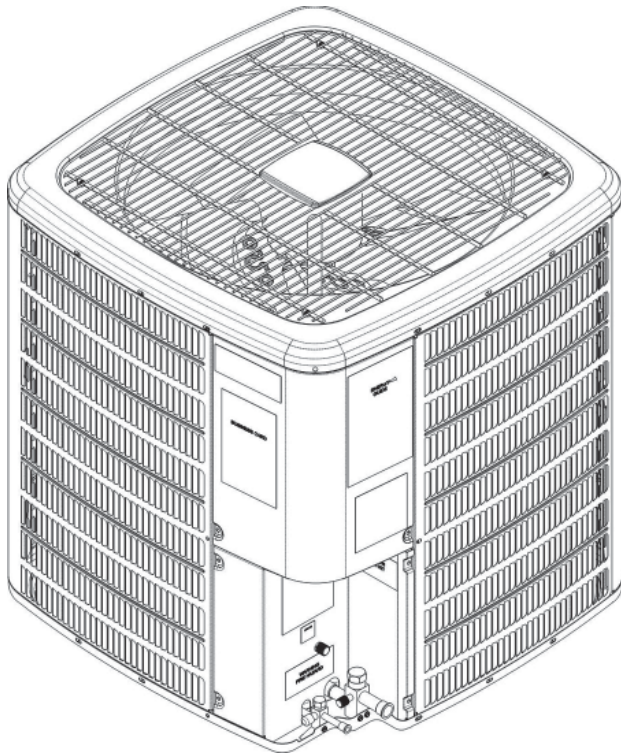
# AHRI PERFORMANCE RATINGS (CONT.)

| Outdoor Unit                   | Indoor Units                   |              | Cooling Capacity |                   | TVA Ratings      |        | Heating Capacity |        | AHRI # |                   |
|--------------------------------|--------------------------------|--------------|------------------|-------------------|------------------|--------|------------------|--------|--------|-------------------|
|                                | Coil / Blower                  | Furnace      | Total            | SEER <sup>1</sup> | EER <sup>2</sup> | Total  | Sensible         | High   |        | HSPF <sup>3</sup> |
| DSZ18<br>0601A*                | AEPF426016C*+TXV               |              | 56,000           | 16.0              | 12.5             | 51,800 | 39,900           | 56,000 | 9      | 35,000            |
|                                | CA*F4961*6A*+MBE2000**-1B*+TXV |              | 57,000           | 17.0              | 12.5             | 52,700 | 40,600           | 57,000 | 9.5    | 36,400            |
|                                | CA*F4961*6A*+TXV               | A*V80905C**  | 57,000           | 16.0              | 12.0             | 52,700 | 40,600           | 57,000 | 9.25   | 35,000            |
|                                | CA*F4961*6A*+TXV               | A*V81155C**  | 57,000           | 16.0              | 12.0             | 52,700 | 40,600           | 57,000 | 9.25   | 35,000            |
|                                | CA*F4961*6A*+TXV               | G*V950905D** | 57,000           | 16.0              | 12.0             | 52,700 | 40,600           | 57,000 | 9.25   | 35,000            |
|                                | CA*F4961*6A*+TXV               | G*V951155D** | 57,000           | 16.0              | 12.0             | 52,700 | 40,600           | 57,000 | 9.25   | 35,000            |
|                                | CHPF4860D6C*+MBE2000**-1B*+TXV |              | 57,000           | 17.0              | 12.5             | 52,700 | 40,600           | 57,000 | 9.25   | 36,400            |
|                                | CHPF4860D6C*+TXV               | A*V80905C**  | 57,000           | 16.0              | 12.0             | 52,700 | 40,600           | 57,000 | 9.25   | 35,000            |
|                                | CHPF4860D6C*+TXV               | A*V81155C**  | 57,000           | 16.0              | 12.0             | 52,700 | 40,600           | 57,000 | 9.25   | 35,000            |
|                                | CHPF4860D6C*+TXV               | G*V950905D** | 57,000           | 16.0              | 12.0             | 52,700 | 40,600           | 57,000 | 9.25   | 35,000            |
|                                | CHPF4860D6C*+TXV               | G*V951155D** | 57,000           | 16.0              | 12.0             | 52,700 | 40,600           | 57,000 | 9.25   | 35,000            |
|                                | CHPF4860D6D*+MBE2000**-1B*+TXV |              | 57,000           | 17.0              | 12.5             | 52,700 | 40,600           | 57,000 | 9.5    | 36,400            |
|                                | CHPF4860D6D*+TXV               | A*V80905C**  | 57,000           | 16.0              | 12.0             | 52,700 | 40,600           | 57,000 | 9.25   | 35,000            |
|                                | CHPF4860D6D*+TXV               | A*V81155C**  | 57,000           | 16.0              | 12.0             | 52,700 | 40,600           | 57,000 | 9.25   | 35,000            |
|                                | CHPF4860D6D*+TXV               | G*V950905D** | 57,000           | 16.0              | 12.0             | 52,700 | 40,600           | 57,000 | 9.25   | 35,000            |
|                                | CHPF4860D6D*+TXV               | G*V951155D** | 57,000           | 16.0              | 12.0             | 52,700 | 40,600           | 57,000 | 9.25   | 35,000            |
|                                | CHTF4860D6A*+MBE2000**-1B*+TXV |              | 57,000           | 17.0              | 12.5             | 52,700 | 40,600           | 57,000 | 9.5    | 36,400            |
|                                | CSCF4860N6C*+TXV               | A*V80905C**  | 57,000           | 16.0              | 12.0             | 52,700 | 40,600           | 57,000 | 9.25   | 35,000            |
| CSCF4860N6C*+TXV               | A*V81155C**                    | 57,000       | 16.0             | 12.0              | 52,700           | 40,600 | 57,000           | 9.25   | 35,000 |                   |
| CSCF4860N6C*+TXV               | G*V950905D**                   | 57,000       | 16.0             | 12.0              | 52,700           | 40,600 | 57,000           | 9.25   | 35,000 |                   |
| CSCF4860N6C*+TXV               | G*V951155D**                   | 57,000       | 16.0             | 12.0              | 52,700           | 40,600 | 57,000           | 9.25   | 35,000 |                   |
| CT*F4860*6A*+MBE2000**-1B*+TXV |                                | 57,000       | 17.0             | 12.5              | 52,700           | 40,600 | 57,000           | 9.5    | 36,400 |                   |
| CSCF4860N6C*+MBE2000**-1B*+TXV |                                | 57,000       | 17.0             | 12.5              | 52,700           | 40,600 | 57,000           | 9.5    | 36,400 |                   |

<sup>1</sup> Seasonal Energy Efficiency Ratio; Certified per ARI 210/240 @ 80°F/ 67°F/ 95°F  
<sup>2</sup> Energy Efficiency Ratio @ 80°F/ 67°F/ 95°F  
<sup>3</sup> TVA Rating: BTU/h @ 75°F/ 63°F - 95°F  
<sup>4</sup> HSPF = Heating Seasonal Performance Factor

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

# DIMENSIONS



| Model      | W"  | D"  | H"  |
|------------|-----|-----|-----|
| DSZ180361A | 35½ | 35½ | 38¼ |
| DSZ180481A | 35½ | 35½ | 38¼ |
| DSZ180601A | 35½ | 35½ | 38¼ |



**ACCESSORIES**

| Model                 | Description                        | DSZ18<br>036 | DSZ18<br>048 | DSZ18<br>060 |
|-----------------------|------------------------------------|--------------|--------------|--------------|
| ABK-20                | Anchor Bracket Kit ▼               | X            | X            | X            |
| ASC01                 | Anti-Short Cycle Kit               | X            | X            | X            |
| CSR-U-1               | Hard-start Kit                     | 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            |
| OT18-60A <sup>2</sup> | Outdoor Thermostat w/ Lockout Stat | X            | X            | X            |
| TX3N4 <sup>3</sup>    | TXV Kit                            | X            |              |              |
| TX5N4 <sup>3</sup>    | TXV Kit                            |              | 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> Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device.

