

### HOT WATER COIL | PERFORMANCE DATA

| UNIT SIZE | ROWS | GPM                      | HEAD LOSS | AIRFLOW, CFM & RESULTING MBH |             |             |             |             |             |             |             |
|-----------|------|--------------------------|-----------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|           |      |                          |           | 200                          | 270         | 340         | 410         | 480         | 550         | 620         | 675         |
| 1         | 1    | 1.0                      | 0.10      | 8.0                          | 9.2         | 10.2        | 10.9        | 11.6        | 12.1        | 12.6        | 12.9        |
|           |      | 2.0                      | 0.32      | 8.8                          | 10.3        | 11.4        | 12.4        | 13.3        | 14.0        | 14.7        | 15.2        |
|           |      | 3.0                      | 0.70      | 9.1                          | 10.7        | 11.9        | 13.0        | 14.0        | 14.8        | 15.6        | 16.1        |
|           |      | 4.0                      | 1.20      | 9.3                          | 10.9        | 12.2        | 13.4        | 14.4        | 15.2        | 16.0        | 16.6        |
|           |      | <b>AIR PRESSURE DROP</b> |           | <b>0.01</b>                  | <b>0.02</b> | <b>0.03</b> | <b>0.04</b> | <b>0.06</b> | <b>0.07</b> | <b>0.08</b> | <b>0.10</b> |
|           | 2    | 1.0                      | 0.19      | 13.0                         | 15.4        | 17.2        | 18.6        | 19.8        | 20.9        | 21.8        | 22.4        |
|           |      | 2.0                      | 0.59      | 14.4                         | 17.4        | 19.9        | 22.0        | 23.8        | 25.4        | 26.8        | 27.8        |
|           |      | 4.0                      | 2.19      | 15.1                         | 18.5        | 21.4        | 24.0        | 26.2        | 28.2        | 30.0        | 31.3        |
|           |      | 6.0                      | 4.76      | 15.4                         | 19.0        | 22.0        | 24.7        | 27.1        | 29.2        | 31.2        | 32.6        |
|           |      | <b>AIR PRESSURE DROP</b> |           | <b>0.03</b>                  | <b>0.04</b> | <b>0.06</b> | <b>0.09</b> | <b>0.11</b> | <b>0.14</b> | <b>0.17</b> | <b>0.19</b> |

| UNIT SIZE | ROWS | GPM                      | HEAD LOSS | AIRFLOW, CFM & RESULTING MBH |             |             |             |             |             |             |             |
|-----------|------|--------------------------|-----------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|           |      |                          |           | 200                          | 290         | 380         | 470         | 560         | 650         | 740         | 800         |
| 2         | 1    | 1.0                      | 0.10      | 8.0                          | 9.5         | 10.6        | 11.5        | 12.2        | 12.8        | 13.3        | 13.6        |
|           |      | 2.0                      | 0.32      | 8.8                          | 10.6        | 12.0        | 13.2        | 14.1        | 15.0        | 15.7        | 16.1        |
|           |      | 3.0                      | 0.70      | 9.1                          | 11.1        | 12.6        | 13.9        | 15.8        | 14.9        | 16.7        | 17.2        |
|           |      | 4.0                      | 1.20      | 9.3                          | 11.3        | 12.9        | 14.2        | 15.4        | 16.3        | 17.2        | 17.7        |
|           |      | <b>AIR PRESSURE DROP</b> |           | <b>0.01</b>                  | <b>0.03</b> | <b>0.04</b> | <b>0.05</b> | <b>0.07</b> | <b>0.09</b> | <b>0.11</b> | <b>0.12</b> |
|           | 2    | 1.0                      | 0.19      | 13.0                         | 15.9        | 18.0        | 19.7        | 21.0        | 22.1        | 23.1        | 23.6        |
|           |      | 2.0                      | 0.59      | 14.4                         | 18.1        | 21.1        | 23.6        | 25.6        | 27.4        | 28.9        | 29.8        |
|           |      | 4.0                      | 2.19      | 15.1                         | 19.4        | 22.9        | 25.9        | 28.5        | 30.7        | 32.7        | 33.9        |
|           |      | 6.0                      | 4.76      | 15.4                         | 19.9        | 23.6        | 26.8        | 29.5        | 32.0        | 34.1        | 35.4        |
|           |      | <b>AIR PRESSURE DROP</b> |           | <b>0.03</b>                  | <b>0.05</b> | <b>0.08</b> | <b>0.11</b> | <b>0.14</b> | <b>0.18</b> | <b>0.22</b> | <b>0.25</b> |

| UNIT SIZE | ROWS | GPM                      | HEAD LOSS | AIRFLOW, CFM & RESULTING MBH |             |             |             |             |             |             |             |
|-----------|------|--------------------------|-----------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|           |      |                          |           | 400                          | 490         | 580         | 670         | 760         | 850         | 940         | 1000        |
| 3         | 1    | 1.0                      | 0.12      | 11.9                         | 12.8        | 13.6        | 14.3        | 14.8        | 15.3        | 15.8        | 16.1        |
|           |      | 2.0                      | 0.39      | 13.5                         | 14.7        | 15.8        | 16.7        | 17.5        | 18.2        | 18.9        | 19.3        |
|           |      | 3.0                      | 0.83      | 14.1                         | 15.5        | 16.7        | 17.7        | 18.6        | 19.4        | 20.2        | 20.7        |
|           |      | 4.0                      | 1.44      | 14.4                         | 15.9        | 17.2        | 18.3        | 19.2        | 20.1        | 20.9        | 21.4        |
|           |      | <b>AIR PRESSURE DROP</b> |           | <b>0.03</b>                  | <b>0.04</b> | <b>0.06</b> | <b>0.07</b> | <b>0.09</b> | <b>0.10</b> | <b>0.12</b> | <b>0.13</b> |
|           | 2    | 1.0                      | 0.23      | 19.7                         | 21.5        | 22.9        | 24.1        | 25.1        | 26.0        | 26.7        | 27.2        |
|           |      | 2.0                      | 0.69      | 23.2                         | 25.8        | 28.0        | 29.9        | 31.6        | 33.1        | 34.5        | 35.3        |
|           |      | 4.0                      | 2.56      | 25.2                         | 28.4        | 31.2        | 33.6        | 35.8        | 37.8        | 39.6        | 40.7        |
|           |      | 6.0                      | 5.54      | 25.9                         | 29.3        | 32.3        | 35.0        | 37.4        | 39.6        | 41.6        | 42.8        |
|           |      | <b>AIR PRESSURE DROP</b> |           | <b>0.06</b>                  | <b>0.09</b> | <b>0.11</b> | <b>0.14</b> | <b>0.17</b> | <b>0.21</b> | <b>0.24</b> | <b>0.27</b> |

| MBH CORRECTION FACTORS FOR OTHER ENTERING CONDITIONS |      |      |      |      |      |      |      |      |      |      |
|--|------|------|------|------|------|------|------|------|------|------|
| DELTA-T  | 50   | 60   | 70   | 80   | 90   | 100  | 115  | 125  | 140  | 150  |
| FACTOR   | 0.44 | 0.52 | 0.61 | 0.70 | 0.79 | 0.88 | 1.00 | 1.07 | 1.20 | 1.30 |

NOTES: Hot water capacities are in MBH. Data is based upon 180°F entering water with 0% Glycol and 65°F entering air. Head loss is in feet of water. Air Temperature Rise = 927xMBH/CFM. Water Temperature Drop = 2.04xMBH/GPM. Coils are not for steam application. Contact your local Krueger representative for steam coil information. Tables are based upon a temperature difference of 115°F between entering air and entering water. For other temperature differences, multiply MBH values by correction factors provided. See selection software for specific hot water coil data. Airside ΔPs is defined as the minimum static pressure at the maximum CFM with the damper full open.

**HOT WATER COIL | PERFORMANCE DATA (CONTINUED)**

| UNIT SIZE | ROWS | GPM                      | HEAD LOSS | AIRFLOW, CFM & RESULTING MBH |             |             |             |             |             |             |             |
|-----------|------|--------------------------|-----------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|           |      |                          |           | 500                          | 660         | 820         | 980         | 1140        | 1300        | 1460        | 1600        |
| 4         | 1    | 1.0                      | 0.14      | 14.8                         | 16.3        | 17.5        | 18.4        | 19.2        | 19.8        | 20.4        | 20.9        |
|           |      | 2.0                      | 0.46      | 17.1                         | 19.2        | 21.0        | 22.4        | 23.6        | 24.7        | 25.6        | 26.3        |
|           |      | 3.0                      | 0.99      | 18.0                         | 20.4        | 22.4        | 24.0        | 25.4        | 26.7        | 27.8        | 28.6        |
|           |      | 4.0                      | 1.71      | 18.4                         | 21.0        | 23.1        | 24.9        | 26.4        | 27.8        | 29.0        | 29.9        |
|           |      | <b>AIR PRESSURE DROP</b> |           | <b>0.03</b>                  | <b>0.04</b> | <b>0.06</b> | <b>0.08</b> | <b>0.10</b> | <b>0.13</b> | <b>0.15</b> | <b>0.18</b> |
|           | 2    | 1.0                      | 0.27      | 24.0                         | 26.7        | 28.7        | 30.3        | 31.5        | 32.5        | 33.4        | 34.0        |
|           |      | 2.0                      | 0.84      | 28.9                         | 33.2        | 36.7        | 39.6        | 42.0        | 44.0        | 45.8        | 47.1        |
|           |      | 4.0                      | 3.08      | 31.7                         | 37.3        | 41.9        | 45.8        | 49.1        | 52.0        | 54.6        | 56.7        |
|           |      | 6.0                      | 6.69      | 32.8                         | 38.8        | 43.9        | 48.2        | 52.0        | 55.3        | 58.3        | 60.6        |
|           |      | <b>AIR PRESSURE DROP</b> |           | <b>0.06</b>                  | <b>0.09</b> | <b>0.12</b> | <b>0.16</b> | <b>0.21</b> | <b>0.26</b> | <b>0.31</b> | <b>0.36</b> |

| UNIT SIZE | ROWS | GPM                      | HEAD LOSS | AIRFLOW, CFM & RESULTING MBH |             |             |             |             |             |             |             |
|-----------|------|--------------------------|-----------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|           |      |                          |           | 700                          | 825         | 950         | 1075        | 1200        | 1325        | 1450        | 1550        |
| 5         | 1    | 1.0                      | 0.20      | 19.2                         | 20.3        | 21.2        | 22.0        | 22.7        | 23.3        | 23.8        | 24.2        |
|           |      | 2.0                      | 0.62      | 22.8                         | 24.4        | 25.8        | 27.1        | 28.2        | 29.2        | 30.1        | 30.7        |
|           |      | 3.0                      | 1.33      | 24.2                         | 26.1        | 27.7        | 29.1        | 30.4        | 31.6        | 32.7        | 33.5        |
|           |      | 4.0                      | 2.29      | 25.0                         | 27.0        | 28.7        | 30.3        | 31.7        | 33.0        | 34.2        | 35.0        |
|           |      | <b>AIR PRESSURE DROP</b> |           | <b>0.03</b>                  | <b>0.04</b> | <b>0.05</b> | <b>0.06</b> | <b>0.07</b> | <b>0.08</b> | <b>0.10</b> | <b>0.11</b> |
|           | 2    | 1.0                      | 0.41      | 30.2                         | 32.0        | 33.4        | 34.6        | 35.6        | 36.4        | 37.2        | 37.7        |
|           |      | 2.0                      | 1.18      | 38.0                         | 41.2        | 43.9        | 46.2        | 48.3        | 50.1        | 51.8        | 53.0        |
|           |      | 4.0                      | 4.34      | 42.8                         | 47.0        | 50.7        | 54.1        | 57.0        | 59.8        | 62.2        | 64.1        |
|           |      | 6.0                      | 9.41      | 44.6                         | 49.3        | 53.4        | 57.1        | 60.5        | 63.6        | 66.5        | 68.6        |
|           |      | <b>AIR PRESSURE DROP</b> |           | <b>0.06</b>                  | <b>0.08</b> | <b>0.10</b> | <b>0.12</b> | <b>0.14</b> | <b>0.16</b> | <b>0.19</b> | <b>0.21</b> |

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|--|------|------|------|------|------|------|------|------|------|------|
| DELTA-T  | 50   | 60   | 70   | 80   | 90   | 100  | 115  | 125  | 140  | 150  |
| FACTOR   | 0.44 | 0.52 | 0.61 | 0.70 | 0.79 | 0.88 | 1.00 | 1.07 | 1.20 | 1.30 |

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