

# Performance Table

## Four Row DX Coil Data

| TMC Model No. | Coil Face Area Qty) FH x FL | SCFM       | Face Velocity (FPM) | Cabinet Loss <sup>(2) (3)</sup> | 4 Row DX                 |           |                         |
|---------------|-----------------------------|------------|---------------------|---------------------------------|--------------------------|-----------|-------------------------|
|               |                             |            |                     |                                 | Total MBH <sup>(1)</sup> | LAT       | Air P.D. <sup>(3)</sup> |
| TMC 109       | 1) 21 x 24                  | 1,600      | 457                 | 0.31                            | 66.75                    | 68.8/66.6 | 0.39                    |
|               | 1) 24 x 24                  | 1,800      | 450                 | 0.34                            | 75.32                    | 68.7/66.5 | 0.38                    |
|               | 1) 24 x 24                  | 2,000      | 500                 | 0.36                            | 81.98                    | 69.2/66.8 | 0.45                    |
|               | 1) 27 x 27                  | 2,250      | 444                 | 0.39                            | 107.40                   | 67.0/64.8 | 0.37                    |
|               | 1) 27 x 27                  | 2,500      | 494                 | 0.43                            | 116.44                   | 67.5/65.2 | 0.45                    |
|               | 1) 27 x 33                  | 2,750      | 444                 | 0.47                            | 152.08                   | 64.6/62.5 | 0.37                    |
| TMC 112       | 1) 27 x 33                  | 3,000      | 485                 | 0.49                            | 162.03                   | 65.1/62.9 | 0.43                    |
|               | 1) 27 x 36                  | 3,250      | 481                 | 0.35                            | 181.41                   | 64.5/62.4 | 0.43                    |
|               | 1) 27 x 40                  | 3,500      | 467                 | 0.36                            | 173.81                   | 66.4/64.3 | 0.41                    |
|               | 1) 30 x 40                  | 3,750      | 450                 | 0.38                            | 177.75                   | 67.1/64.9 | 0.38                    |
|               | 1) 30 x 40                  | 4,000      | 480                 | 0.40                            | 186.56                   | 67.4/65.1 | 0.42                    |
| TMC 115       | 1) 33 x 40                  | 4,250      | 464                 | 0.42                            | 210.33                   | 66.5/64.3 | 0.40                    |
|               | 1) 36 x 38                  | 4,500      | 474                 | 0.35                            | 256.55                   | 64.1/62.0 | 0.42                    |
|               | 1) 36 x 42                  | 5,000      | 476                 | 0.37                            | 249.13                   | 66.4/64.2 | 0.42                    |
|               | 1) 39 x 43                  | 5,500      | 472                 | 0.39                            | 283.55                   | 65.9/63.7 | 0.41                    |
| TMC 118       | 1) 39 x 47                  | 6,000      | 471                 | 0.43                            | 324.54                   | 65.0/62.9 | 0.41                    |
|               | 1) 42 x 48                  | 6,500      | 464                 | 0.35                            | 352.37                   | 65.0/62.9 | 0.40                    |
|               | 1) 45 x 48                  | 7,000      | 467                 | 0.37                            | 382.79                   | 64.0/62.7 | 0.41                    |
|               | 1) 45 x 51                  | 7,500      | 471                 | 0.38                            | 419.74                   | 64.4/62.3 | 0.41                    |
|               | 1) 48 x 51                  | 8,000      | 471                 | 0.40                            | 443.59                   | 64.6/62.5 | 0.41                    |
| TMC 120       | 1) 48 x 51                  | 8,500      | 500                 | 0.43                            | 463.18                   | 65.0/62.8 | 0.45                    |
|               | 1) 39 x 66                  | 9,000      | 503                 | 0.34                            | 485.25                   | 65.2/63.0 | 0.46                    |
|               | 1) 42 x 66                  | 9,500      | 494                 | 0.35                            | 515.03                   | 65.1/62.9 | 0.45                    |
|               | 1) 42 x 68                  | 10,000     | 504                 | 0.36                            | 545.65                   | 65.0/62.8 | 0.46                    |
|               | 1) 45 x 68                  | 10,500     | 494                 | 0.37                            | 576.37                   | 64.9/62.7 | 0.45                    |
| TMC 122       | 1) 45 x 71                  | 11,000     | 496                 | 0.38                            | 613.08                   | 64.6/62.4 | 0.45                    |
|               | 1) 45 x 78                  | 12,000     | 492                 | 0.36                            | 689.82                   | 64.0/61.9 | 0.44                    |
|               | 1) 48 x 79                  | 13,000     | 494                 | 0.37                            | 749.09                   | 64.0/61.8 | 0.45                    |
|               | 1) 45 x 85                  | 14,000     | 494                 | 0.39                            | 819.55                   | 63.6/61.5 | 0.45                    |
|               | 1) 51 x 85                  | 15,000     | 498                 | 0.42                            | 876.03                   | 63.7/61.6 | 0.45                    |
|               | TMC 125                     | 2) 30 x 68 | 14,000              | 494                             | 0.33                     | 768.50    | 64.9/62.7               |
| 2) 30 x 72    |                             | 15,000     | 500                 | 0.35                            | 837.88                   | 64.6/62.4 | 0.45                    |
| 2) 30 x 77    |                             | 16,000     | 499                 | 0.36                            | 912.86                   | 64.2/62.0 | 0.45                    |
| 2) 33 x 79    |                             | 18,000     | 497                 | 0.39                            | 1034.90                  | 64.0/61.9 | 0.45                    |
| 2) 36 x 80    |                             | 20,000     | 500                 | 0.43                            | 1151.28                  | 64.0/61.8 | 0.45                    |
| TMC 130       | 2) 36 x 88                  | 22,000     | 500                 | 0.36                            | 1123.82                  | 66.1/63.8 | 0.45                    |
|               | 2) 36 x 96                  | 24,000     | 500                 | 0.38                            | 1283.00                  | 65.3/63.1 | 0.45                    |
|               | 2) 39 x 96                  | 26,000     | 500                 | 0.40                            | 1389.92                  | 65.3/63.1 | 0.45                    |
|               | 2) 39 x 103                 | 28,000     | 502                 | 0.43                            | 1541.84                  | 64.8/62.6 | 0.46                    |
|               | 2) 42 x 103                 | 30,000     | 499                 | 0.46                            | 1654.46                  | 64.8/62.6 | 0.45                    |

<sup>(1)</sup> Nominal cooling capacity based on 4 row/8 FPI DX coil with 45° suction temperature and 95°/77° entering air temperature.

<sup>(2)</sup> Cabinet Loss includes loss for centrifugal blower plenum effect and diffuser(s). This factor must be added to all units.

<sup>(3)</sup> Calculating Cooling Coil Section Pressure Drop:

A. Cabinet Loss \_\_\_\_\_ " W.C.

B. Coil Air P.D. \_\_\_\_\_ " W.C.

C. Downturn Plenum (if applicable) 0.10" W.C.

Cooling Coil Section Pressure Drop \_\_\_\_\_ " W.C.

Refer to Blower HP Charts for Total External Static pressure available.

# Performance Table

| Four Row DX Coil Data |                             |        |                     |                                 |                          |           |                         |
|-----------------------|-----------------------------|--------|---------------------|---------------------------------|--------------------------|-----------|-------------------------|
| TMC Model No.         | Coil Face Area Qty) FH x FL | SCFM   | Face Velocity (FPM) | Cabinet Loss <sup>(2) (3)</sup> | 4 Row DX                 |           |                         |
|                       |                             |        |                     |                                 | Total MBH <sup>(1)</sup> | LAT       | Air P.D. <sup>(3)</sup> |
| TMC 215               | 1) 42 x 62                  | 9,000  | 498                 | 0.35                            | 472.57                   | 65.6/63.4 | 0.45                    |
|                       | 1) 42 x 65                  | 9,500  | 501                 | 0.36                            | 509.32                   | 65.3/63.1 | 0.46                    |
|                       | 1) 42 x 68                  | 10,000 | 504                 | 0.37                            | 545.65                   | 65.0/62.8 | 0.46                    |
|                       | 1) 42 x 72                  | 10,500 | 500                 | 0.38                            | 586.52                   | 64.6/62.4 | 0.45                    |
|                       | 1) 42 x 76                  | 11,000 | 496                 | 0.39                            | 626.29                   | 64.2/62.0 | 0.45                    |
|                       | 1) 42 x 79                  | 11,500 | 499                 | 0.41                            | 660.35                   | 64.0/61.9 | 0.45                    |
|                       | 1) 42 x 80                  | 12,000 | 514                 | 0.43                            | 684.48                   | 64.2/62.0 | 0.48                    |
| TMC 218               | 1) 45 x 80                  | 12,500 | 500                 | 0.34                            | 719.55                   | 64.0/61.8 | 0.45                    |
|                       | 1) 45 x 83                  | 13,000 | 501                 | 0.35                            | 753.89                   | 63.8/61.7 | 0.46                    |
|                       | 1) 45 x 90                  | 14,000 | 498                 | 0.36                            | 724.49                   | 65.9/63.6 | 0.45                    |
|                       | 1) 48 x 90                  | 15,000 | 500                 | 0.38                            | 775.31                   | 65.9/63.6 | 0.45                    |
|                       | 1) 51 x 93                  | 16,000 | 486                 | 0.40                            | 847.85                   | 65.4/63.3 | 0.43                    |
|                       | 1) 51 x 93                  | 17,000 | 516                 | 0.43                            | 886.57                   | 65.8/63.5 | 0.48                    |
| TMC 220               | 2) 30 x 86                  | 18,000 | 502                 | 0.34                            | 903.82                   | 66.4/64.1 | 0.46                    |
|                       | 2) 30 x 91                  | 19,000 | 501                 | 0.35                            | 987.60                   | 65.8/63.6 | 0.46                    |
|                       | 2) 30 x 96                  | 20,000 | 500                 | 0.36                            | 1069.16                  | 65.3/63.1 | 0.45                    |
|                       | 2) 30 x 101                 | 21,000 | 499                 | 0.37                            | 1149.16                  | 64.9/62.7 | 0.45                    |
|                       | 2) 30 x 106                 | 22,000 | 498                 | 0.38                            | 1227.38                  | 64.6/62.4 | 0.45                    |
|                       | 2) 30 x 111                 | 23,000 | 497                 | 0.39                            | 1304.04                  | 64.3/62.1 | 0.45                    |
|                       | 2) 30 x 111                 | 24,000 | 519                 | 0.41                            | 1342.96                  | 64.6/62.3 | 0.48                    |
|                       | 2) 30 x 120                 | 25,000 | 500                 | 0.43                            | 1446.28                  | 63.9/61.8 | 0.45                    |
|                       | 2) 30 x 125                 | 26,000 | 499                 | 0.44                            | 1519.00                  | 63.7/61.6 | 0.45                    |
| TMC 222               | 2) 30 x 120                 | 25,000 | 500                 | 0.36                            | 1446.28                  | 63.9/61.8 | 0.45                    |
|                       | 2) 30 x 125                 | 26,000 | 499                 | 0.37                            | 1519.00                  | 63.7/61.6 | 0.45                    |
|                       | 2) 30 x 130                 | 27,000 | 498                 | 0.38                            | 1590.44                  | 63.5/61.4 | 0.45                    |
|                       | 2) 30 x 135                 | 28,000 | 498                 | 0.39                            | 1537.80                  | 64.9/62.7 | 0.45                    |
|                       | 2) 30 x 141                 | 29,000 | 494                 | 0.41                            | 1624.16                  | 64.5/62.3 | 0.45                    |
|                       | 2) 31 1/2 x 139             | 30,000 | 493                 | 0.42                            | 1671.42                  | 64.6/62.4 | 0.44                    |
|                       | 2) 31 1/2 x 139             | 31,000 | 510                 | 0.44                            | 1701.50                  | 64.8/62.6 | 0.47                    |
| TMC 225               | 2) 39 x 111                 | 30,000 | 499                 | 0.35                            | 1699.20                  | 64.3/62.1 | 0.45                    |
|                       | 2) 39 x 118                 | 32,000 | 501                 | 0.36                            | 1842.66                  | 64.0/61.8 | 0.46                    |
|                       | 2) 39 x 125                 | 34,000 | 502                 | 0.37                            | 1982.60                  | 63.7/61.6 | 0.46                    |
|                       | 2) 39 x 133                 | 36,000 | 500                 | 0.38                            | 2127.22                  | 63.5/61.4 | 0.45                    |
|                       | 2) 39 x 140                 | 38,000 | 501                 | 0.41                            | 2113.16                  | 64.6/62.5 | 0.46                    |
|                       | 2) 39 x 147                 | 40,000 | 502                 | 0.43                            | 2260.98                  | 64.3/62.2 | 0.46                    |
|                       | 2) 39 x 155                 | 42,000 | 500                 | 0.45                            | 2415.24                  | 64.0/61.9 | 0.46                    |
|                       | 2) 42 x 151                 | 44,000 | 500                 | 0.47                            | 2512.38                  | 64.1/62.0 | 0.45                    |
|                       | 2) 42 x 158                 | 46,000 | 499                 | 0.48                            | 2660.82                  | 63.9/61.8 | 0.45                    |
| TMC 230               | 2) 42 x 151                 | 44,000 | 500                 | 0.36                            | 2512.38                  | 64.1/62.0 | 0.45                    |
|                       | 2) 42 x 166                 | 48,000 | 496                 | 0.38                            | 2815.64                  | 63.6/61.5 | 0.45                    |
|                       | 2) 42 x 166                 | 50,000 | 516                 | 0.39                            | 2894.58                  | 63.9/61.7 | 0.48                    |

<sup>(1)</sup> Nominal cooling capacity based on 4 row/8 FPI DX coil with 45° suction temperature and 95°/77° entering air temperature.

<sup>(2)</sup> Cabinet Loss includes loss for centrifugal blower plenum effect and diffuser(s). This factor must be added to all units.

<sup>(3)</sup> Calculating Cooling Coil Section Pressure Drop:

A. Cabinet Loss \_\_\_\_\_" W.C.

B. Coil Air P.D. \_\_\_\_\_" W.C.

C. Downturn Plenum (if applicable) 0.10" W.C.

Cooling Coil Section Pressure Drop \_\_\_\_\_" W.C.

Refer to Blower HP Charts for Total External Static pressure available.

# Performance Table

| Six Row DX Coil Data |                             |        |                     |                                 |                          |           |                         |
|----------------------|-----------------------------|--------|---------------------|---------------------------------|--------------------------|-----------|-------------------------|
| TMC Model No.        | Coil Face Area Qty) FH x FL | SCFM   | Face Velocity (FPM) | Cabinet Loss <sup>(2) (3)</sup> | 6 Row DX                 |           |                         |
|                      |                             |        |                     |                                 | Total MBH <sup>(1)</sup> | LAT       | Air P.D. <sup>(3)</sup> |
| TMC 109              | 1) 21 x 24                  | 1,600  | 457                 | 0.31                            | 107.03                   | 59.6/58.8 | 0.59                    |
|                      | 1) 24 x 24                  | 1,800  | 450                 | 0.34                            | 121.02                   | 59.5/58.7 | 0.57                    |
|                      | 1) 24 x 24                  | 2,000  | 500                 | 0.36                            | 131.23                   | 60.1/59.2 | 0.68                    |
|                      | 1) 27 x 27                  | 2,250  | 444                 | 0.39                            | 157.03                   | 58.6/57.8 | 0.56                    |
|                      | 1) 27 x 27                  | 2,500  | 494                 | 0.43                            | 170.23                   | 59.3/58.4 | 0.67                    |
|                      | 1) 27 x 33                  | 2,750  | 444                 | 0.47                            | 183.15                   | 59.7/58.9 | 0.56                    |
| TMC 112              | 1) 27 x 33                  | 3,000  | 485                 | 0.49                            | 196.04                   | 60.2/59.3 | 0.65                    |
|                      | 1) 27 x 36                  | 3,250  | 481                 | 0.35                            | 219.51                   | 59.5/58.6 | 0.64                    |
|                      | 1) 27 x 40                  | 3,500  | 467                 | 0.36                            | 244.97                   | 58.6/57.8 | 0.61                    |
|                      | 1) 30 x 40                  | 3,750  | 450                 | 0.38                            | 262.28                   | 58.6/57.8 | 0.57                    |
|                      | 1) 30 x 40                  | 4,000  | 480                 | 0.40                            | 275.82                   | 59.0/58.1 | 0.64                    |
| TMC 115              | 1) 33 x 40                  | 4,250  | 464                 | 0.42                            | 297.36                   | 58.6/57.6 | 0.60                    |
|                      | 1) 36 x 38                  | 4,500  | 474                 | 0.35                            | 306.73                   | 59.2/58.4 | 0.61                    |
|                      | 1) 36 x 42                  | 5,000  | 476                 | 0.37                            | 349.25                   | 58.6/57.8 | 0.63                    |
|                      | 1) 39 x 43                  | 5,500  | 472                 | 0.39                            | 389.13                   | 58.3/57.5 | 0.62                    |
| TMC 118              | 1) 39 x 47                  | 6,000  | 471                 | 0.43                            | 401.25                   | 59.7/58.8 | 0.62                    |
|                      | 1) 42 x 48                  | 6,500  | 464                 | 0.35                            | 438.69                   | 59.4/58.6 | 0.60                    |
|                      | 1) 45 x 48                  | 7,000  | 467                 | 0.37                            | 471.96                   | 59.5/58.6 | 0.61                    |
|                      | 1) 45 x 51                  | 7,500  | 471                 | 0.38                            | 515.33                   | 59.0/58.2 | 0.62                    |
|                      | 1) 48 x 51                  | 8,000  | 471                 | 0.40                            | 549.69                   | 59.0/58.2 | 0.62                    |
| TMC 120              | 1) 48 x 51                  | 8,500  | 500                 | 0.43                            | 576.37                   | 59.4/58.5 | 0.68                    |
|                      | 1) 39 x 66                  | 9,000  | 503                 | 0.34                            | 579.05                   | 60.6/59.7 | 0.69                    |
|                      | 1) 42 x 66                  | 9,500  | 494                 | 0.35                            | 613.63                   | 60.5/59.6 | 0.67                    |
|                      | 1) 42 x 68                  | 10,000 | 504                 | 0.36                            | 651.95                   | 60.3/59.4 | 0.69                    |
|                      | 1) 45 x 68                  | 10,500 | 494                 | 0.37                            | 687.35                   | 60.2/59.3 | 0.67                    |
|                      | 1) 45 x 71                  | 11,000 | 496                 | 0.38                            | 732.48                   | 59.8/58.9 | 0.67                    |
| TMC 122              | 1) 45 x 71                  | 11,000 | 496                 | 0.34                            | 732.48                   | 59.8/58.9 | 0.67                    |
|                      | 1) 45 x 78                  | 12,000 | 492                 | 0.36                            | 825.31                   | 59.0/58.2 | 0.66                    |
|                      | 1) 48 x 79                  | 13,000 | 494                 | 0.37                            | 896.82                   | 59.0/58.1 | 0.67                    |
|                      | 1) 45 x 85                  | 14,000 | 494                 | 0.39                            | 983.19                   | 58.5/57.7 | 0.67                    |
|                      | 1) 51 x 85                  | 15,000 | 498                 | 0.42                            | 1051.45                  | 58.6/57.7 | 0.68                    |
| TMC 125              | 2) 30 x 68                  | 14,000 | 494                 | 0.33                            | 916.46                   | 60.2/59.3 | 0.67                    |
|                      | 2) 30 x 72                  | 15,000 | 500                 | 0.35                            | 1001.52                  | 59.7/58.9 | 0.68                    |
|                      | 2) 30 x 77                  | 16,000 | 499                 | 0.36                            | 1093.12                  | 59.2/58.3 | 0.68                    |
|                      | 2) 33 x 79                  | 18,000 | 497                 | 0.39                            | 1239.56                  | 59.0/58.2 | 0.68                    |
|                      | 2) 36 x 80                  | 20,000 | 500                 | 0.43                            | 1381.78                  | 59.0/58.1 | 0.68                    |
| TMC 130              | 2) 36 x 88                  | 22,000 | 500                 | 0.36                            | 1552.12                  | 58.4/57.6 | 0.68                    |
|                      | 2) 36 x 96                  | 24,000 | 500                 | 0.38                            | 1716.36                  | 58.1/57.2 | 0.68                    |
|                      | 2) 39 x 96                  | 26,000 | 500                 | 0.40                            | 1859.40                  | 58.1/57.2 | 0.68                    |
|                      | 2) 39 x 103                 | 28,000 | 502                 | 0.43                            | 1846.80                  | 60.0/59.1 | 0.69                    |
|                      | 2) 42 x 103                 | 30,000 | 499                 | 0.46                            | 1837.26                  | 61.6/60.7 | 0.69                    |

<sup>(1)</sup> Nominal cooling capacity based on 6 row/8 FPI DX coil with 45° suction temperature and 95°/77° entering air temperature.

<sup>(2)</sup> Cabinet Loss includes loss for centrifugal blower plenum effect and diffuser(s). This factor must be added to all units.

<sup>(3)</sup> Calculating Cooling Coil Section Pressure Drop:

A. Cabinet Loss \_\_\_\_\_ " W.C.

B. Coil Air P.D. \_\_\_\_\_ " W.C.

C. Downturn Plenum (if applicable) 0.10" W.C.

Cooling Coil Section Pressure Drop \_\_\_\_\_ " W.C.

Refer to Blower HP Charts for Total External Static pressure available.

# Performance Table

| Six Row DX Coil Data |                             |        |                     |                                 |                          |           |                         |
|----------------------|-----------------------------|--------|---------------------|---------------------------------|--------------------------|-----------|-------------------------|
| TMC Model No.        | Coil Face Area Qty) FH x FL | SCFM   | Face Velocity (FPM) | Cabinet Loss <sup>(2) (3)</sup> | 6 Row DX                 |           |                         |
|                      |                             |        |                     |                                 | Total MBH <sup>(1)</sup> | LAT       | Air P.D. <sup>(3)</sup> |
| TMC 215              | 1) 42 x 62                  | 9,000  | 498                 | 0.35                            | 549.69                   | 61.7/60.7 | 0.68                    |
|                      | 1) 42 x 65                  | 9,500  | 501                 | 0.36                            | 607.31                   | 60.7/59.8 | 0.69                    |
|                      | 1) 42 x 68                  | 10,000 | 504                 | 0.37                            | 651.95                   | 60.3/59.4 | 0.69                    |
|                      | 1) 42 x 72                  | 10,500 | 500                 | 0.38                            | 701.06                   | 59.7/58.9 | 0.68                    |
|                      | 1) 42 x 76                  | 11,000 | 496                 | 0.39                            | 749.29                   | 59.3/58.4 | 0.67                    |
|                      | 1) 42 x 79                  | 11,500 | 499                 | 0.41                            | 791.24                   | 59.0/58.2 | 0.68                    |
|                      | 1) 42 x 80                  | 12,000 | 514                 | 0.43                            | 822.89                   | 59.1/58.3 | 0.72                    |
| TMC 218              | 1) 45 x 80                  | 12,500 | 500                 | 0.34                            | 862.65                   | 59.0/58.1 | 0.68                    |
|                      | 1) 45 x 83                  | 13,000 | 501                 | 0.35                            | 905.04                   | 58.8/57.9 | 0.69                    |
|                      | 1) 45 x 90                  | 14,000 | 498                 | 0.36                            | 993.00                   | 58.3/57.4 | 0.68                    |
|                      | 1) 48 x 90                  | 15,000 | 500                 | 0.38                            | 1062.17                  | 58.3/57.5 | 0.68                    |
|                      | 1) 51 x 93                  | 16,000 | 486                 | 0.40                            | 1146.98                  | 58.0/57.2 | 0.65                    |
|                      | 1) 51 x 93                  | 17,000 | 516                 | 0.43                            | 1201.00                  | 58.4/57.5 | 0.72                    |
| TMC 220              | 2) 30 x 86                  | 18,000 | 502                 | 0.34                            | 1262.58                  | 58.6/57.7 | 0.69                    |
|                      | 2) 30 x 91                  | 19,000 | 501                 | 0.35                            | 1347.22                  | 58.3/57.5 | 0.69                    |
|                      | 2) 30 x 96                  | 20,000 | 500                 | 0.36                            | 1430.30                  | 58.1/57.2 | 0.68                    |
|                      |                             | 21,000 |                     | 0.37                            |                          |           |                         |
|                      |                             | 22,000 |                     | 0.38                            |                          |           |                         |
|                      |                             | 23,000 |                     | 0.39                            |                          |           |                         |
|                      |                             | 24,000 |                     | 0.41                            |                          | CF        |                         |
|                      |                             | 25,000 |                     | 0.43                            |                          |           |                         |
| TMC 222              |                             | 26,000 |                     | 0.44                            |                          |           |                         |
|                      |                             | 25,000 |                     | 0.36                            |                          |           |                         |
|                      |                             | 26,000 |                     | 0.37                            |                          |           |                         |
|                      |                             | 27,000 |                     | 0.38                            |                          |           |                         |
|                      |                             | 28,000 |                     | 0.39                            |                          | CF        |                         |
|                      |                             | 29,000 |                     | 0.41                            |                          |           |                         |
| TMC 225              |                             | 30,000 |                     | 0.42                            |                          |           |                         |
|                      |                             | 31,000 |                     | 0.44                            |                          |           |                         |
|                      |                             | 30,000 |                     | 0.35                            |                          |           |                         |
|                      |                             | 32,000 |                     | 0.36                            |                          |           |                         |
|                      |                             | 34,000 |                     | 0.37                            |                          |           |                         |
|                      |                             | 36,000 |                     | 0.38                            |                          |           |                         |
|                      |                             | 38,000 |                     | 0.41                            |                          | CF        |                         |
|                      |                             | 40,000 |                     | 0.43                            |                          |           |                         |
| TMC 230              |                             | 42,000 |                     | 0.45                            |                          |           |                         |
|                      |                             | 44,000 |                     | 0.47                            |                          |           |                         |
|                      |                             | 46,000 |                     | 0.48                            |                          |           |                         |
|                      |                             | 44,000 |                     | 0.36                            |                          |           |                         |
|                      |                             | 48,000 |                     | 0.38                            |                          | CF        |                         |
|                      | 50,000                      |        | 0.39                |                                 |                          |           |                         |

<sup>(1)</sup> Nominal cooling capacity based on 6 row/8 FPI DX coil with 45° suction temperature and 95°/77° entering air temperature.

<sup>(2)</sup> Cabinet Loss includes loss for centrifugal blower plenum effect and diffuser(s). This factor must be added to all units.

<sup>(3)</sup> Calculating Cooling Coil Section Pressure Drop:

A. Cabinet Loss \_\_\_\_\_" W.C.

B. Coil Air P.D. \_\_\_\_\_" W.C.

C. Downturn Plenum (if applicable) 0.10" W.C.

Cooling Coil Section Pressure Drop \_\_\_\_\_" W.C.

Refer to Blower HP Charts for Total External Static pressure available.

# Performance Table

| Four Row CW Coil Data |                             |        |                     |  |                          |           |                         |       |          |
|-----------------------|-----------------------------|--------|---------------------|--|--------------------------|-----------|-------------------------|-------|----------|
| TMC Model No.         | Coil Face Area Qty) FH x FL | SCFM   | Face Velocity (FPM) | Cabinet Loss <sup>(2)</sup> <sup>(3)</sup> | 4 Row CW                 |           |                         |       |          |
|                       |                             |        |                     |  | Total MBH <sup>(1)</sup> | LAT       | Air P.D. <sup>(3)</sup> | GPM   | FPD (ft) |
| TMC 109               | 1) 21 x 24                  | 1,600  | 457                 | 0.31                                       | 83.35                    | 65.6/63.5 | 0.39                    | 16.7  | 3.28     |
|                       | 1) 24 x 24                  | 1,800  | 450                 | 0.34                                       | 94.20                    | 65.5/63.5 | 0.38                    | 18.8  | 3.20     |
|                       | 1) 24 x 24                  | 2,000  | 500                 | 0.36                                       | 100.06                   | 66.4/64.1 | 0.45                    | 20.0  | 3.57     |
|                       | 1) 27 x 27                  | 2,250  | 444                 | 0.39                                       | 121.61                   | 65.0/62.9 | 0.37                    | 24.3  | 4.23     |
|                       | 1) 27 x 27                  | 2,500  | 494                 | 0.43                                       | 129.92                   | 65.8/63.6 | 0.45                    | 26.0  | 4.76     |
|                       | 1) 27 x 33                  | 2,750  | 444                 | 0.47                                       | 157.67                   | 63.9/61.9 | 0.37                    | 31.5  | 7.11     |
|                       | 1) 27 x 33                  | 3,000  | 485                 | 0.49                                       | 165.98                   | 64.7/62.5 | 0.43                    | 33.0  | 7.72     |
| TMC 112               | 1) 27 x 36                  | 3,250  | 481                 | 0.35                                       | 150.67                   | 67.5/65.2 | 0.46                    | 30.0  | 1.25     |
|                       | 1) 27 x 40                  | 3,500  | 467                 | 0.36                                       | 170.61                   | 66.7/64.5 | 0.41                    | 34.0  | 1.61     |
|                       | 1) 30 x 40                  | 3,750  | 450                 | 0.38                                       | 185.61                   | 66.4/64.3 | 0.38                    | 37.0  | 1.55     |
|                       | 1) 30 x 40                  | 4,000  | 480                 | 0.40                                       | 192.87                   | 66.9/64.7 | 0.42                    | 38.5  | 1.67     |
|                       | 1) 33 x 40                  | 4,250  | 464                 | 0.42                                       | 207.91                   | 66.7/64.5 | 0.40                    | 41.5  | 1.61     |
| TMC 115               | 1) 36 x 38                  | 4,500  | 474                 | 0.35                                       | 214.78                   | 67.1/64.8 | 0.42                    | 43.0  | 1.44     |
|                       | 1) 36 x 42                  | 5,000  | 476                 | 0.37                                       | 245.65                   | 66.6/64.4 | 0.42                    | 49.0  | 1.88     |
|                       | 1) 39 x 43                  | 5,500  | 472                 | 0.39                                       | 273.01                   | 66.5/64.3 | 0.41                    | 54.4  | 1.98     |
|                       | 1) 39 x 47                  | 6,000  | 471                 | 0.43                                       | 305.26                   | 66.1/63.9 | 0.41                    | 61.0  | 2.50     |
| TMC 118               | 1) 42 x 48                  | 6,500  | 464                 | 0.35                                       | 334.88                   | 65.8/63.7 | 0.40                    | 67.0  | 2.61     |
|                       | 1) 45 x 48                  | 7,000  | 467                 | 0.37                                       | 359.91                   | 65.9/63.7 | 0.41                    | 72.0  | 2.62     |
|                       | 1) 45 x 51                  | 7,500  | 471                 | 0.38                                       | 390.67                   | 65.7/63.5 | 0.41                    | 78.0  | 3.09     |
|                       | 1) 48 x 51                  | 8,000  | 471                 | 0.40                                       | 416.40                   | 65.7/63.5 | 0.41                    | 83.0  | 3.07     |
|                       | 1) 51 x 51                  | 8,500  | 471                 | 0.43                                       | 442.19                   | 65.7/63.5 | 0.41                    | 88.0  | 3.06     |
| TMC 120               | 1) 39 x 66                  | 9,000  | 503                 | 0.34                                       | 488.31                   | 65.1/62.9 | 0.46                    | 98.0  | 6.58     |
|                       | 1) 42 x 66                  | 9,500  | 494                 | 0.35                                       | 517.72                   | 65.0/62.8 | 0.45                    | 103.0 | 6.31     |
|                       | 1) 42 x 68                  | 10,000 | 504                 | 0.36                                       | 551.01                   | 64.8/62.6 | 0.46                    | 110.0 | 7.17     |
|                       | 1) 45 x 68                  | 10,500 | 494                 | 0.37                                       | 583.47                   | 64.6/62.5 | 0.45                    | 117.0 | 7.08     |
|                       | 1) 45 x 71                  | 11,000 | 496                 | 0.38                                       | 614.90                   | 64.5/62.4 | 0.45                    | 123.0 | 7.88     |
| TMC 122               | 1) 45 x 71                  | 11,000 | 496                 | 0.34                                       | 614.90                   | 64.5/62.4 | 0.45                    | 123.0 | 7.88     |
|                       | 1) 45 x 78                  | 12,000 | 492                 | 0.36                                       | 683.97                   | 64.2/62.0 | 0.44                    | 137.0 | 9.94     |
|                       | 1) 48 x 79                  | 13,000 | 494                 | 0.37                                       | 741.07                   | 64.2/62.0 | 0.45                    | 148.0 | 10.22    |
|                       | 1) 48 x 85                  | 14,000 | 494                 | 0.39                                       | 808.06                   | 63.9/61.8 | 0.45                    | 162.0 | 12.40    |
|                       | 1) 51 x 85                  | 15,000 | 498                 | 0.42                                       | 863.09                   | 64.0/61.9 | 0.45                    | 173.0 | 12.52    |
| TMC 125               | 2) 30 x 68                  | 14,000 | 494                 | 0.33                                       | 691.30                   | 66.6/64.3 | 0.45                    | 138.0 | 2.17     |
|                       | 2) 30 x 72                  | 15,000 | 500                 | 0.35                                       | 750.46                   | 66.4/64.1 | 0.45                    | 150.0 | 2.57     |
|                       | 2) 30 x 77                  | 16,000 | 499                 | 0.36                                       | 814.74                   | 66.1/63.9 | 0.45                    | 162.0 | 3.02     |
|                       | 2) 33 x 79                  | 18,000 | 497                 | 0.39                                       | 1012.98                  | 64.4/62.3 | 0.46                    | 202.0 | 3.82     |
|                       | 2) 36 x 80                  | 20,000 | 500                 | 0.43                                       | 1127.12                  | 64.4/62.2 | 0.46                    | 226.0 | 3.49     |
| TMC 130               | 2) 36 x 88                  | 22,000 | 500                 | 0.36                                       | 1264.46                  | 64.0/61.9 | 0.46                    | 252.0 | 5.06     |
|                       | 2) 36 x 96                  | 24,000 | 500                 | 0.38                                       | 1405.18                  | 63.0/61.5 | 0.46                    | 280.0 | 6.34     |
|                       | 2) 39 x 96                  | 26,000 | 500                 | 0.40                                       | 1523.18                  | 63.7/61.5 | 0.46                    | 304.0 | 6.36     |
|                       | 2) 39 x 103                 | 28,000 | 502                 | 0.43                                       | 1658.30                  | 63.4/61.3 | 0.47                    | 330.0 | 7.59     |
|                       | 2) 42 x 103                 | 30,000 | 499                 | 0.46                                       | 1782.18                  | 63.4/61.3 | 0.46                    | 356.0 | 7.62     |

<sup>(1)</sup> Nominal cooling capacity based on 4 row/8 FPI CW coil with 45°EWT, 55° LWT, and 95°/77° entering air temperature.

<sup>(2)</sup> Cabinet Loss includes loss for centrifugal blower plenum effect and diffuser(s). This factor must be added to all units.

<sup>(3)</sup> Calculating Cooling Coil Section Pressure Drop:

A. Cabinet Loss \_\_\_\_\_ " W.C.

B. Coil Air P.D. \_\_\_\_\_ " W.C.

C. Downturn Plenum (if applicable) 0.10" W.C.

Cooling Coil Section Pressure Drop \_\_\_\_\_ " W.C.

Refer to Blower HP Charts for Total External Static pressure available.

# Performance Table

| Four Row CW Coil Data |                             |             |                     |                                 |                          |           |                         |       |          |
|-----------------------|-----------------------------|-------------|---------------------|---------------------------------|--------------------------|-----------|-------------------------|-------|----------|
| TMC Model No.         | Coil Face Area Qty) FH x FL | SCFM        | Face Velocity (FPM) | Cabinet Loss <sup>(2) (3)</sup> | 4 Row CW                 |           |                         |       |          |
|                       |                             |             |                     |                                 | Total MBH <sup>(1)</sup> | LAT       | Air P.D. <sup>(3)</sup> | GPM   | FPD (ft) |
| TMC 215               | 1) 42 x 62                  | 9,000       | 492                 | 0.35                            | 481.50                   | 65.3/63.1 | 0.45                    | 96.0  | 5.43     |
|                       | 1) 42 x 65                  | 9,500       | 501                 | 0.36                            | 514.30                   | 65.1/62.9 | 0.46                    | 103.0 | 6.27     |
|                       | 1) 42 x 68                  | 10,000      | 504                 | 0.37                            | 490.19                   | 66.8/64.4 | 0.46                    | 98.0  | 2.22     |
|                       | 1) 42 x 72                  | 10,500      | 500                 | 0.38                            | 525.33                   | 66.4/64.1 | 0.45                    | 105.0 | 2.57     |
|                       | 1) 42 x 76                  | 11,000      | 496                 | 0.39                            | 560.49                   | 66.1/63.9 | 0.45                    | 112.0 | 2.94     |
|                       | 1) 42 x 79                  | 11,500      | 499                 | 0.41                            | 590.73                   | 66.0/63.7 | 0.45                    | 118.0 | 3.28     |
|                       | 1) 42 x 80                  | 12,000      | 514                 | 0.43                            | 611.02                   | 66.2/63.9 | 0.48                    | 122.0 | 3.49     |
| TMC 218               | 1) 45 x 80                  | 12,500      | 500                 | 0.34                            | 644.41                   | 65.9/63.7 | 0.45                    | 129.0 | 3.41     |
|                       | 1) 45 x 83                  | 13,000      | 501                 | 0.35                            | 675.48                   | 65.8/63.6 | 0.46                    | 135.0 | 3.76     |
|                       | 1) 45 x 90                  | 14,000      | 498                 | 0.36                            | 742.98                   | 65.5/63.2 | 0.45                    | 148.0 | 4.58     |
|                       | 1) 48 x 90                  | 15,000      | 500                 | 0.38                            | 794.23                   | 65.5/63.3 | 0.45                    | 158.0 | 4.58     |
|                       | 1) 51 x 93                  | 16,000      | 486                 | 0.40                            | 865.12                   | 65.1/62.9 | 0.43                    | 173.0 | 4.90     |
|                       | 1) 51 x 93                  | 17,000      | 516                 | 0.43                            | 895.44                   | 65.6/63.4 | 0.48                    | 178.0 | 5.16     |
| TMC 220               | 2) 30 x 86                  | 18,000      | 502                 | 0.34                            | 869.42                   | 67.0/64.7 | 0.46                    | 174.0 | 1.82     |
|                       | 2) 30 x 91                  | 19,000      | 501                 | 0.35                            | 933.28                   | 66.7/64.4 | 0.46                    | 186.0 | 2.10     |
|                       | 2) 30 x 96                  | 20,000      | 500                 | 0.36                            | 1000.62                  | 66.4/64.1 | 0.45                    | 200.0 | 2.44     |
|                       | 2) 30 x 101                 | 21,000      | 499                 | 0.37                            | 1064.86                  | 66.2/63.9 | 0.45                    | 212.0 | 2.95     |
|                       | 2) 30 x 106                 | 22,000      | 498                 | 0.38                            | 1132.42                  | 66.0/63.7 | 0.45                    | 226.0 | 3.16     |
|                       | 2) 30 x 111                 | 23,000      | 497                 | 0.39                            | 1200.04                  | 65.7/63.5 | 0.45                    | 240.0 | 3.59     |
|                       | 2) 30 x 116                 | 24,000      | 497                 | 0.41                            | 1264.74                  | 65.6/63.3 | 0.45                    | 252.0 | 3.99     |
|                       | 2) 30 x 120                 | 25,000      | 500                 | 0.43                            | 1324.70                  | 65.5/63.3 | 0.45                    | 264.0 | 3.67     |
|                       | 2) 30 x 125                 | 26,000      | 499                 | 0.44                            | 1395.50                  | 65.3/63.0 | 0.45                    | 280.0 | 4.98     |
| TMC 222               | 2) 30 x 120                 | 25,000      | 500                 | 0.36                            | 1324.70                  | 65.5/63.3 | 0.45                    | 264.0 | 3.67     |
|                       | 2) 30 x 125                 | 26,000      | 499                 | 0.37                            | 1395.50                  | 65.3/63.0 | 0.45                    | 280.0 | 4.98     |
|                       | 2) 30 x 130                 | 27,000      | 498                 | 0.38                            | 1457.68                  | 65.2/63.0 | 0.45                    | 290.0 | 5.39     |
|                       | 2) 30 x 135                 | 28,000      | 498                 | 0.39                            | 1549.50                  | 64.7/62.5 | 0.45                    | 310.0 | 6.18     |
|                       | 2) 30 x 141                 | 29,000      | 494                 | 0.41                            | 1621.16                  | 64.5/62.4 | 0.45                    | 324.0 | 6.83     |
|                       | 2) 31 1/2 x 139             | 30,000      | 493                 | 0.42                            | 1675.10                  | 64.5/62.4 | 0.44                    | 336.0 | 6.63     |
|                       | 2) 31 1/2 x 141             | 31,000      | 503                 | 0.44                            | 1718.74                  | 64.7/62.5 | 0.46                    | 342.0 | 4.53     |
| TMC 225               | 2) 39 x 111                 | 30,000      | 499                 | 0.35                            | 1559.20                  | 65.8/63.6 | 0.45                    | 310.0 | 3.55     |
|                       | 2) 39 x 118                 | 32,000      | 501                 | 0.36                            | 1685.38                  | 65.6/63.3 | 0.46                    | 336.0 | 4.21     |
|                       | 2) 39 x 125                 | 34,000      | 502                 | 0.37                            | 1815.88                  | 65.4/63.1 | 0.46                    | 362.0 | 4.93     |
|                       | 2) 39 x 133                 | 36,000      | 500                 | 0.38                            | 1956.82                  | 65.0/62.8 | 0.45                    | 390.0 | 5.79     |
|                       | 2) 39 x 140                 | 38,000      | 501                 | 0.41                            | 2107.46                  | 64.7/62.5 | 0.46                    | 420.0 | 6.77     |
|                       | 2) 39 x 147                 | 40,000      | 502                 | 0.43                            | 2236.58                  | 64.5/62.4 | 0.46                    | 446.0 | 7.71     |
|                       | 2) 39 x 155                 | 42,000      | 500                 | 0.45                            | 2377.04                  | 64.3/62.1 | 0.46                    | 476.0 | 8.88     |
|                       | 2) 42 x 151                 | 44,000      | 500                 | 0.47                            | 2482.12                  | 64.4/62.2 | 0.45                    | 498.0 | 8.33     |
|                       | 2) 42 x 158                 | 46,000      | 499                 | 0.48                            | 2614.64                  | 64.2/62.1 | 0.45                    | 499.0 | 9.33     |
|                       | TMC 230                     | 2) 42 x 151 | 44,000              | 500                             | 0.36                     | 2482.12   | 64.4/62.2               | 0.45  | 498.0    |
| 2) 42 x 166           |                             | 48,000      | 496                 | 0.38                            | 2753.88                  | 64.0/61.9 | 0.45                    | 550.0 | 10.42    |
| 2) 42 x 166           |                             | 50,000      | 516                 | 0.39                            | 2813.78                  | 64.5/62.2 | 0.48                    | 562.0 | 10.83    |

<sup>(1)</sup> Nominal cooling capacity based on 4 row/8 FPI CW coil with 45° EWT, 55° LWT, and 95°/77° entering air temperature.

<sup>(2)</sup> Cabinet Loss includes loss for centrifugal blower plenum effect and diffuser(s). This factor must be added to all units.

<sup>(3)</sup> Calculating Cooling Coil Section Pressure Drop:

A. Cabinet Loss \_\_\_\_\_ " W.C.

B. Coil Air P.D. \_\_\_\_\_ " W.C.

C. Downturn Plenum (if applicable) 0.10" W.C.

Cooling Coil Section Pressure Drop \_\_\_\_\_ " W.C.

Refer to Blower HP Charts for Total External Static pressure available.

# Performance Table

| Six Row CW Coil Data |                             |        |                     |                                 |                          |           |                         |       |          |
|----------------------|-----------------------------|--------|---------------------|---------------------------------|--------------------------|-----------|-------------------------|-------|----------|
| TMC Model No.        | Coil Face Area Qty) FH x FL | SCFM   | Face Velocity (FPM) | Cabinet Loss <sup>(2) (3)</sup> | 6 Row CW                 |           |                         |       |          |
|                      |                             |        |                     |                                 | Total MBH <sup>(1)</sup> | LAT       | Air P.D. <sup>(3)</sup> | GPM   | FPD (ft) |
| TMC 109              | 1) 21 x 24                  | 1,600  | 457                 | 0.31                            | 95.27                    | 62.1/61.2 | 0.59                    | 19.0  | 1.00     |
|                      | 1) 24 x 24                  | 1,800  | 450                 | 0.34                            | 107.95                   | 61.9/61.1 | 0.57                    | 21.6  | 0.99     |
|                      | 1) 24 x 24                  | 2,000  | 500                 | 0.36                            | 115.38                   | 62.8/61.8 | 0.68                    | 26.0  | 1.11     |
|                      | 1) 27 x 27                  | 2,250  | 444                 | 0.39                            | 140.26                   | 61.2/60.3 | 0.56                    | 28.0  | 1.31     |
|                      | 1) 27 x 27                  | 2,500  | 494                 | 0.43                            | 150.02                   | 62.0/61.1 | 0.67                    | 30.0  | 1.48     |
|                      | 1) 27 x 33                  | 2,750  | 444                 | 0.47                            | 180.59                   | 60.0/59.2 | 0.56                    | 36.0  | 2.17     |
|                      | 1) 27 x 33                  | 3,000  | 485                 | 0.49                            | 191.14                   | 60.8/59.9 | 0.65                    | 68.0  | 2.39     |
| TMC 112              | 1) 27 x 36                  | 3,250  | 481                 | 0.35                            | 212.50                   | 60.2/59.3 | 0.64                    | 42.6  | 3.01     |
|                      | 1) 27 x 40                  | 3,500  | 467                 | 0.36                            | 235.74                   | 59.5/58.7 | 0.61                    | 47.0  | 3.71     |
|                      | 1) 30 x 40                  | 3,750  | 450                 | 0.38                            | 255.30                   | 59.2/58.4 | 0.57                    | 51.0  | 3.56     |
|                      | 1) 30 x 40                  | 4,000  | 480                 | 0.40                            | 267.48                   | 59.7/58.8 | 0.64                    | 53.5  | 3.87     |
|                      | 1) 33 x 40                  | 4,250  | 464                 | 0.42                            | 286.55                   | 59.5/58.6 | 0.60                    | 57.0  | 3.66     |
| TMC 115              | 1) 36 x 38                  | 4,500  | 474                 | 0.35                            | 299.17                   | 59.8/59.0 | 0.62                    | 60.0  | 3.37     |
|                      | 1) 36 x 42                  | 5,000  | 476                 | 0.37                            | 338.18                   | 59.4/58.6 | 0.63                    | 67.5  | 4.30     |
|                      | 1) 39 x 43                  | 5,500  | 472                 | 0.39                            | 374.89                   | 59.2/58.4 | 0.62                    | 75.0  | 4.54     |
|                      | 1) 39 x 47                  | 6,000  | 471                 | 0.43                            | 415.61                   | 58.8/58.0 | 0.62                    | 83.0  | 5.62     |
| TMC 118              | 1) 42 x 48                  | 6,500  | 464                 | 0.35                            | 454.29                   | 58.6/57.8 | 0.60                    | 91.0  | 5.84     |
|                      | 1) 45 x 48                  | 7,000  | 467                 | 0.37                            | 487.50                   | 58.7/57.9 | 0.61                    | 97.0  | 5.79     |
|                      | 1) 45 x 51                  | 7,500  | 471                 | 0.38                            | 528.11                   | 58.4/57.6 | 0.62                    | 105.0 | 6.82     |
|                      | 1) 48 x 51                  | 8,000  | 471                 | 0.40                            | 568.41                   | 58.2/57.4 | 0.62                    | 114.0 | 7.04     |
|                      | 1) 51 x 51                  | 8,500  | 471                 | 0.43                            | 601.36                   | 58.3/57.5 | 0.62                    | 120.0 | 6.92     |
| TMC 120              | 1) 39 x 66                  | 9,000  | 503                 | 0.34                            | 603.74                   | 59.6/58.8 | 0.69                    | 120.0 | 4.59     |
|                      | 1) 42 x 66                  | 9,500  | 494                 | 0.35                            | 642.20                   | 59.5/58.6 | 0.67                    | 128.0 | 4.52     |
|                      | 1) 42 x 68                  | 10,000 | 504                 | 0.36                            | 675.44                   | 59.5/58.6 | 0.69                    | 135.0 | 5.03     |
|                      | 1) 45 x 68                  | 10,500 | 494                 | 0.37                            | 713.59                   | 59.3/58.5 | 0.67                    | 143.0 | 4.93     |
|                      | 1) 45 x 71                  | 11,000 | 496                 | 0.38                            | 751.54                   | 59.2/58.3 | 0.67                    | 150.0 | 5.46     |
| TMC 122              | 1) 45 x 71                  | 11,000 | 496                 | 0.34                            | 751.54                   | 59.2/58.3 | 0.67                    | 150.0 | 5.46     |
|                      | 1) 45 x 78                  | 12,000 | 492                 | 0.36                            | 842.59                   | 58.5/57.7 | 0.66                    | 168.0 | 6.96     |
|                      | 1) 48 x 79                  | 13,000 | 494                 | 0.37                            | 913.52                   | 58.5/57.7 | 0.67                    | 182.0 | 7.19     |
|                      | 1) 48 x 85                  | 14,000 | 494                 | 0.39                            | 993.95                   | 58.3/57.4 | 0.67                    | 198.0 | 8.64     |
|                      | 1) 51 x 85                  | 15,000 | 498                 | 0.42                            | 1062.76                  | 58.3/57.5 | 0.68                    | 212.0 | 8.75     |
| TMC 125              | 2) 30 x 68                  | 14,000 | 494                 | 0.33                            | 951.70                   | 59.3/58.5 | 0.67                    | 190.0 | 4.90     |
|                      | 2) 30 x 72                  | 15,000 | 500                 | 0.35                            | 1023.92                  | 59.2/58.4 | 0.68                    | 204.0 | 3.79     |
|                      | 2) 30 x 77                  | 16,000 | 499                 | 0.36                            | 1105.24                  | 58.9/58.1 | 0.68                    | 220.0 | 6.70     |
|                      | 2) 33 x 79                  | 18,000 | 497                 | 0.39                            | 1331.98                  | 57.2/56.4 | 0.69                    | 266.0 | 8.01     |
|                      | 2) 36 x 80                  | 20,000 | 500                 | 0.43                            | 1480.84                  | 57.2/56.4 | 0.70                    | 296.0 | 8.35     |
| TMC 130              | 2) 36 x 88                  | 22,000 | 500                 | 0.36                            | 1564.46                  | 58.2/57.4 | 0.68                    | 312.0 | 9.58     |
|                      | 2) 36 x 96                  | 24,000 | 500                 | 0.38                            | 1821.12                  | 56.5/55.7 | 0.70                    | 364.0 | 13.12    |
|                      | 2) 39 x 96                  | 26,000 | 500                 | 0.40                            | 1876.34                  | 57.9/57.0 | 0.68                    | 376.0 | 12.06    |
|                      | 2) 39 x 103                 | 28,000 | 502                 | 0.43                            | 2036.22                  | 57.7/56.8 | 0.69                    | 408.0 | 14.44    |
|                      | 2) 42 x 103                 | 30,000 | 499                 | 0.46                            | 2297.58                  | 56.3/55.5 | 0.69                    | 460.0 | 15.66    |

<sup>(1)</sup> Nominal cooling capacity based on 6 row/8 FPI CW coil with 45°EWT, 55° LWT, and 95°/77° entering air temperature.

<sup>(2)</sup> Cabinet Loss includes loss for centrifugal blower plenum effect and diffuser(s). This factor must be added to all units.

<sup>(3)</sup> Calculating Cooling Coil Section Pressure Drop:

A. Cabinet Loss \_\_\_\_\_ " W.C.

B. Coil Air P.D. \_\_\_\_\_ " W.C.

C. Downturn Plenum (if applicable) 0.10" W.C.

Cooling Coil Section Pressure Drop \_\_\_\_\_ " W.C.

Refer to Blower HP Charts for Total External Static pressure available.

# Performance Table

| Six Row CW Coil Data |                             |        |                     |                                 |                          |           |                         |       |          |
|----------------------|-----------------------------|--------|---------------------|---------------------------------|--------------------------|-----------|-------------------------|-------|----------|
| TMC Model No.        | Coil Face Area Qty) FH x FL | SCFM   | Face Velocity (FPM) | Cabinet Loss <sup>(2) (3)</sup> | 6 Row CW                 |           |                         |       |          |
|                      |                             |        |                     |                                 | Total MBH <sup>(1)</sup> | LAT       | Air P.D. <sup>(3)</sup> | GPM   | FPD (ft) |
| TMC 215              | 1) 42 x 62                  | 9,000  | 498                 | 0.35                            | 598.85                   | 59.8/58.9 | 0.68                    | 119.0 | 3.87     |
|                      | 1) 42 x 65                  | 9,500  | 501                 | 0.36                            | 637.10                   | 59.6/58.8 | 0.69                    | 127.0 | 4.43     |
|                      | 1) 42 x 68                  | 10,000 | 504                 | 0.37                            | 675.44                   | 59.5/58.6 | 0.69                    | 135.0 | 5.03     |
|                      | 1) 42 x 72                  | 10,500 | 500                 | 0.38                            | 718.19                   | 59.2/58.3 | 0.68                    | 144.0 | 5.78     |
|                      | 1) 42 x 76                  | 11,000 | 496                 | 0.39                            | 760.42                   | 58.9/58.1 | 0.67                    | 152.0 | 6.51     |
|                      | 1) 42 x 79                  | 11,500 | 499                 | 0.41                            | 801.86                   | 58.7/57.9 | 0.68                    | 160.0 | 7.25     |
|                      | 1) 42 x 80                  | 12,000 | 514                 | 0.43                            | 837.96                   | 58.7/57.8 | 0.72                    | 168.0 | 7.95     |
| TMC 218              | 1) 45 x 80                  | 12,500 | 500                 | 0.34                            | 879.17                   | 58.5/57.7 | 0.68                    | 175.0 | 7.56     |
|                      | 1) 45 x 83                  | 13,000 | 501                 | 0.35                            | 916.59                   | 58.5/57.6 | 0.69                    | 183.0 | 8.33     |
|                      | 1) 45 x 90                  | 14,000 | 498                 | 0.36                            | 1002.10                  | 58.1/57.2 | 0.68                    | 200.0 | 10.12    |
|                      | 1) 48 x 90                  | 15,000 | 500                 | 0.38                            | 1073.22                  | 58.1/57.2 | 0.68                    | 215.0 | 10.27    |
|                      | 1) 51 x 93                  | 16,000 | 486                 | 0.40                            | 1155.22                  | 57.8/57.0 | 0.65                    | 230.0 | 10.56    |
|                      | 1) 51 x 93                  | 17,000 | 516                 | 0.43                            | 1207.03                  | 58.3/57.4 | 0.72                    | 240.0 | 11.38    |
| TMC 220              | 2) 30 x 86                  | 18,000 | 502                 | 0.34                            | 1276.26                  | 58.3/57.5 | 0.69                    | 256.0 | 9.22     |
|                      | 2) 30 x 91                  | 19,000 | 501                 | 0.35                            | 1357.80                  | 58.1/57.3 | 0.69                    | 270.0 | 10.40    |
|                      | 2) 30 x 96                  | 20,000 | 500                 | 0.36                            | 1442.08                  | 57.9/57.0 | 0.68                    | 288.0 | 11.97    |
|                      | 2) 30 x 101                 | 21,000 | 499                 | 0.37                            | 1526.44                  | 57.7/56.8 | 0.68                    | 306.0 | 13.67    |
|                      | 2) 30 x 106                 | 22,000 | 498                 | 0.38                            | 1605.04                  | 57.6/56.7 | 0.68                    | 322.0 | 15.33    |
|                      |                             | 23,000 |                     | 0.39                            |                          |           |                         |       |          |
|                      |                             | 24,000 |                     | 0.41                            |                          |           | CF                      |       |          |
|                      |                             | 25,000 |                     | 0.43                            |                          |           |                         |       |          |
| TMC 222              |                             | 26,000 |                     | 0.44                            |                          |           |                         |       |          |
|                      |                             | 25,000 |                     | 0.36                            |                          |           |                         |       |          |
|                      |                             | 26,000 |                     | 0.37                            |                          |           |                         |       |          |
|                      |                             | 27,000 |                     | 0.38                            |                          |           |                         |       |          |
|                      |                             | 28,000 |                     | 0.39                            |                          |           | CF                      |       |          |
|                      |                             | 29,000 |                     | 0.41                            |                          |           |                         |       |          |
|                      |                             | 30,000 |                     | 0.42                            |                          |           |                         |       |          |
| TMC 225              |                             | 31,000 |                     | 0.44                            |                          |           |                         |       |          |
|                      |                             | 30,000 |                     | 0.35                            |                          |           |                         |       |          |
|                      |                             | 32,000 |                     | 0.36                            |                          |           |                         |       |          |
|                      |                             | 34,000 |                     | 0.37                            |                          |           |                         |       |          |
|                      |                             | 36,000 |                     | 0.38                            |                          |           |                         |       |          |
|                      |                             | 38,000 |                     | 0.41                            |                          |           | CF                      |       |          |
|                      |                             | 40,000 |                     | 0.43                            |                          |           |                         |       |          |
|                      |                             | 42,000 |                     | 0.45                            |                          |           |                         |       |          |
| TMC 230              |                             | 44,000 |                     | 0.47                            |                          |           |                         |       |          |
|                      |                             | 46,000 |                     | 0.48                            |                          |           |                         |       |          |
|                      |                             | 44,000 |                     | 0.36                            |                          |           |                         |       |          |
|                      |                             | 48,000 |                     | 0.38                            |                          |           | CF                      |       |          |
|                      | 50,000                      |        | 0.39                |                                 |                          |           |                         |       |          |

<sup>(1)</sup> Nominal cooling capacity based on 6 row/8 FPI CW coil with 45° EWT, 55° LWT, and 95°/77° entering air temperature.

<sup>(2)</sup> Cabinet Loss includes loss for centrifugal blower plenum effect and diffuser(s). This factor must be added to all units.

<sup>(3)</sup> Calculating Cooling Coil Section Pressure Drop:

A. Cabinet Loss \_\_\_\_\_ " W.C.

B. Coil Air P.D. \_\_\_\_\_ " W.C.

C. Downturn Plenum (if applicable) 0.10" W.C.

Cooling Coil Section Pressure Drop \_\_\_\_\_ " W.C.

Refer to Blower HP Charts for Total External Static pressure available.