



Coil Performance Data



FLOOR  
CEILING

| AIRFLOW<br>(CFM) | OUTDOOR<br>DB(°F) | TC Total Heating Capacity(BTU/hr) |              |              |                |                | PI Power Input(kW)       |              |              |                |                |
|------------------|-------------------|-----------------------------------|--------------|--------------|----------------|----------------|--------------------------|--------------|--------------|----------------|----------------|
|                  |                   | Indoor Conditions(DB °F)          |              |              |                |                | Indoor Conditions(DB °F) |              |              |                |                |
|                  |                   | 60.8°F(16.0°C)                    | 68°F(20.0°C) | 70°F(21.1°C) | 71.6°F(22.0°C) | 75.2°F(24.0°C) | 60.8°F(16.0°C)           | 68°F(20.0°C) | 70°F(21.1°C) | 71.6°F(22.0°C) | 75.2°F(24.0°C) |
| 765              | -22°F(-30.0°C)    | 18618                             | 18246        | 18154        | 17318          | 17162          | 4.41                     | 4.44         | 4.45         | 4.46           | 4.48           |
|                  | -13°F(-25.0°C)    | 24310                             | 23824        | 23705        | 21742          | 21547          | 4.78                     | 4.81         | 4.82         | 4.83           | 4.85           |
|                  | -4°F(-20.0°C)     | 30707                             | 30093        | 29943        | 27464          | 27217          | 5.51                     | 5.55         | 5.56         | 5.58           | 5.60           |
|                  | 0°F(-17.8°C)      | 34877                             | 34180        | 34009        | 31194          | 30913          | 6.27                     | 6.32         | 6.34         | 6.35           | 6.38           |
|                  | 5°F(-15.0°C)      | 40090                             | 39288        | 39092        | 35856          | 35533          | 7.23                     | 7.29         | 7.30         | 7.32           | 7.35           |
|                  | 14°F(-10.0°C)     | 38491                             | 37721        | 37532        | 34425          | 34115          | 6.02                     | 6.07         | 6.08         | 6.09           | 6.12           |
|                  | 17°F(-8.3°C)      | 37957                             | 37198        | 37012        | 33948          | 33643          | 5.62                     | 5.66         | 5.67         | 5.69           | 5.71           |
|                  | 22°F(-5.6°C)      | 39041                             | 38260        | 38068        | 34917          | 34603          | 5.55                     | 5.60         | 5.61         | 5.62           | 5.64           |
|                  | 27°F(-2.8°C)      | 40124                             | 39321        | 39125        | 35886          | 35563          | 5.48                     | 5.53         | 5.54         | 5.55           | 5.57           |
|                  | 32°F(-0.0°C)      | 41207                             | 40383        | 40181        | 36855          | 36523          | 5.42                     | 5.46         | 5.47         | 5.48           | 5.50           |
|                  | 35°F(1.7°C)       | 41857                             | 41020        | 40814        | 37436          | 37099          | 5.38                     | 5.42         | 5.43         | 5.44           | 5.46           |
|                  | 37°F(2.8°C)       | 43268                             | 42403        | 42191        | 38698          | 38350          | 5.42                     | 5.47         | 5.48         | 5.49           | 5.51           |
|                  | 42°F(5.6°C)       | 46797                             | 45861        | 45632        | 41854          | 41478          | 5.55                     | 5.59         | 5.60         | 5.61           | 5.64           |
|                  | 44.6°F(7.0°C)     | 48208                             | 47244        | 47008        | 43117          | 42729          | 5.59                     | 5.64         | 5.65         | 5.66           | 5.69           |
|                  | 47°F(8.3°C)       | 50326                             | 49319        | 49072        | 45010          | 44605          | 5.67                     | 5.71         | 5.72         | 5.74           | 5.76           |
|                  | 52°F(11.1°C)      | 49904                             | 48906        | 48661        | 44633          | 44231          | 5.19                     | 5.24         | 5.25         | 5.26           | 5.28           |
|                  | 57°F(13.9°C)      | 49482                             | 48492        | 48250        | 44256          | 43857          | 4.72                     | 4.76         | 4.77         | 4.78           | 4.80           |
|                  | 59°F(15.0°C)      | 49313                             | 48327        | 48085        | 44105          | 43708          | 4.53                     | 4.57         | 4.58         | 4.59           | 4.60           |
|                  | 62°F(16.7°C)      | 49060                             | 48079        | 47838        | 43878          | 43483          | 4.25                     | 4.28         | 4.29         | 4.30           | 4.32           |
|                  | 64.4°F(18.0°C )   | 48891                             | 47913        | 47674        | 43727          | 43334          | 4.06                     | 4.09         | 4.10         | 4.11           | 4.12           |
|                  | -22°F(-30.0°C)    | 20189                             | 19785        | 19686        | 19189          | 19016          | 4.45                     | 4.49         | 4.50         | 4.51           | 4.52           |
|                  | -13°F(-25.0°C)    | 25850                             | 25333        | 25206        | 24092          | 23875          | 4.82                     | 4.86         | 4.87         | 4.88           | 4.90           |
|                  | -4°F(-20.0°C)     | 32652                             | 31999        | 31839        | 30432          | 30158          | 5.56                     | 5.61         | 5.62         | 5.63           | 5.65           |
|                  | 0°F(-17.8°C)      | 37086                             | 36345        | 36163        | 34564          | 34253          | 6.34                     | 6.39         | 6.40         | 6.41           | 6.44           |
|                  | 5°F(-15.0°C)      | 42629                             | 41777        | 41568        | 39730          | 39373          | 7.30                     | 7.36         | 7.38         | 7.39           | 7.42           |
|                  | 14°F(-10.0°C)     | 40928                             | 40110        | 39909        | 38145          | 37802          | 6.08                     | 6.13         | 6.14         | 6.16           | 6.18           |

|      |                 |       |       |       |       |       |      |      |      |      |      |
|------|-----------------|-------|-------|-------|-------|-------|------|------|------|------|------|
| 988  | 17°F(-8.3°C)    | 40362 | 39554 | 39357 | 37617 | 37278 | 5.67 | 5.72 | 5.73 | 5.74 | 5.77 |
|      | 22°F(-5.6°C)    | 41513 | 40683 | 40480 | 38690 | 38342 | 5.61 | 5.65 | 5.66 | 5.67 | 5.70 |
|      | 27°F(-2.8°C)    | 42665 | 41812 | 41603 | 39764 | 39406 | 5.54 | 5.58 | 5.59 | 5.61 | 5.63 |
|      | 32°F(-0.0°C)    | 43817 | 42940 | 42726 | 40837 | 40470 | 5.47 | 5.51 | 5.53 | 5.54 | 5.56 |
|      | 35°F(1.7°C)     | 44508 | 43618 | 43400 | 41481 | 41108 | 5.43 | 5.47 | 5.48 | 5.50 | 5.52 |
|      | 37°F(2.8°C)     | 46009 | 45089 | 44863 | 42880 | 42494 | 5.48 | 5.52 | 5.53 | 5.55 | 5.57 |
|      | 42°F(5.6°C)     | 49761 | 48766 | 48522 | 46377 | 45960 | 5.60 | 5.65 | 5.66 | 5.67 | 5.69 |
|      | 44.6°F(7.0°C)   | 51262 | 50237 | 49985 | 47776 | 47346 | 5.65 | 5.70 | 5.71 | 5.72 | 5.74 |
|      | 47°F(8.3°C)     | 53513 | 52443 | 52181 | 49874 | 49425 | 5.72 | 5.77 | 5.78 | 5.79 | 5.82 |
|      | 52°F(11.1°C)    | 53064 | 52003 | 51743 | 49456 | 49011 | 5.25 | 5.29 | 5.30 | 5.31 | 5.33 |
|      | 57°F(13.9°C)    | 52616 | 51563 | 51306 | 49038 | 48597 | 4.77 | 4.81 | 4.82 | 4.83 | 4.85 |
|      | 59°F(15.0°C)    | 52436 | 51388 | 51131 | 48871 | 48431 | 4.58 | 4.61 | 4.62 | 4.63 | 4.65 |
|      | 62°F(16.7°C)    | 52167 | 51124 | 50868 | 48620 | 48182 | 4.29 | 4.32 | 4.33 | 4.34 | 4.36 |
|      | 64.4°F(18.0°C ) | 51988 | 50948 | 50693 | 48453 | 48016 | 4.10 | 4.13 | 4.14 | 4.15 | 4.16 |
| 1088 | -22°F(-30.0°C)  | 21893 | 21455 | 21348 | 21262 | 21071 | 4.50 | 4.53 | 4.54 | 4.55 | 4.57 |
|      | -13°F(-25.0°C)  | 27487 | 26937 | 26802 | 26695 | 26455 | 4.87 | 4.91 | 4.92 | 4.93 | 4.95 |
|      | -4°F(-20.0°C)   | 34720 | 34026 | 33856 | 33720 | 33417 | 5.62 | 5.67 | 5.68 | 5.69 | 5.71 |
|      | 0°F(-17.8°C)    | 39435 | 38647 | 38453 | 38300 | 37955 | 6.40 | 6.45 | 6.47 | 6.48 | 6.50 |
|      | 5°F(-15.0°C)    | 45329 | 44423 | 44200 | 44024 | 43627 | 7.38 | 7.44 | 7.45 | 7.47 | 7.50 |
|      | 14°F(-10.0°C)   | 43521 | 42650 | 42437 | 42267 | 41887 | 6.14 | 6.19 | 6.21 | 6.22 | 6.24 |
|      | 17°F(-8.3°C)    | 42918 | 42060 | 41849 | 41682 | 41307 | 5.73 | 5.78 | 5.79 | 5.80 | 5.82 |
|      | 22°F(-5.6°C)    | 44143 | 43260 | 43044 | 42871 | 42486 | 5.66 | 5.71 | 5.72 | 5.73 | 5.76 |
|      | 27°F(-2.8°C)    | 45367 | 44460 | 44238 | 44061 | 43664 | 5.59 | 5.64 | 5.65 | 5.66 | 5.69 |
|      | 32°F(-0.0°C)    | 46592 | 45660 | 45432 | 45250 | 44843 | 5.53 | 5.57 | 5.58 | 5.59 | 5.62 |
|      | 35°F(1.7°C)     | 47327 | 46380 | 46148 | 45964 | 45550 | 5.48 | 5.53 | 5.54 | 5.55 | 5.57 |
|      | 37°F(2.8°C)     | 48923 | 47944 | 47705 | 47514 | 47086 | 5.53 | 5.58 | 5.59 | 5.60 | 5.62 |
|      | 42°F(5.6°C)     | 52913 | 51854 | 51595 | 51389 | 50926 | 5.66 | 5.70 | 5.72 | 5.73 | 5.75 |
|      | 44.6°F(7.0°C)   | 54509 | 53418 | 53151 | 52939 | 52462 | 5.71 | 5.75 | 5.77 | 5.78 | 5.80 |
|      | 47°F(8.3°C)     | 56903 | 55764 | 55486 | 55264 | 54766 | 5.78 | 5.83 | 5.84 | 5.85 | 5.88 |
|      | 52°F(11.1°C)    | 56425 | 55297 | 55020 | 54800 | 54307 | 5.30 | 5.34 | 5.35 | 5.36 | 5.39 |
|      | 57°F(13.9°C)    | 55948 | 54829 | 54555 | 54337 | 53848 | 4.82 | 4.86 | 4.86 | 4.87 | 4.89 |

|      |                     |       |       |        |       |       |      |      |      |      |      |
|------|---------------------|-------|-------|--------|-------|-------|------|------|------|------|------|
|      | 59°F(15.0°C)        | 55758 | 54642 | 54369  | 54152 | 53664 | 4.62 | 4.66 | 4.67 | 4.68 | 4.70 |
|      | 62°F(16.7°C)        | 55471 | 54362 | 54090  | 53874 | 53389 | 4.33 | 4.37 | 4.38 | 4.39 | 4.40 |
|      | 64.4°F(18.0°C)<br>) | 55281 | 54175 | 53904  | 53688 | 53205 | 4.14 | 4.17 | 4.18 | 4.19 | 4.21 |
| 1224 | -22°F(-30.0°C)      | 23280 | 22814 | 22 700 | 22609 | 22406 | 4.54 | 4.58 | 4.59 | 4.60 | 4.62 |
|      | -13°F(-25.0°C)      | 29228 | 28643 | 28 500 | 28386 | 28131 | 4.92 | 4.96 | 4.97 | 4.98 | 5.00 |
|      | -4°F(-20.0°C)       | 36919 | 36181 | 36 000 | 35856 | 35533 | 5.68 | 5.72 | 5.73 | 5.75 | 5.77 |
|      | 0°F(-17.8°C)        | 41933 | 41094 | 40889  | 40725 | 40359 | 6.47 | 6.52 | 6.53 | 6.54 | 6.57 |
|      | 5°F(-15.0°C)        | 48200 | 47236 | 47 000 | 46812 | 46391 | 7.45 | 7.51 | 7.53 | 7.54 | 7.57 |
|      | 14°F(-10.0°C)       | 46277 | 45352 | 45125  | 44945 | 44540 | 6.21 | 6.26 | 6.27 | 6.28 | 6.31 |
|      | 17°F(-8.3°C)        | 45636 | 44724 | 44 500 | 44322 | 43923 | 5.79 | 5.84 | 5.85 | 5.86 | 5.88 |
|      | 22°F(-5.6°C)        | 46939 | 46000 | 45770  | 45587 | 45176 | 5.72 | 5.77 | 5.78 | 5.79 | 5.81 |
|      | 27°F(-2.8°C)        | 48241 | 47276 | 47040  | 46851 | 46430 | 5.65 | 5.70 | 5.71 | 5.72 | 5.74 |
|      | 32°F(-0.0°C)        | 49543 | 48552 | 48309  | 48116 | 47683 | 5.58 | 5.63 | 5.64 | 5.65 | 5.67 |
|      | 35°F(1.7°C)         | 50324 | 49318 | 49 071 | 48875 | 48435 | 5.54 | 5.58 | 5.60 | 5.61 | 5.63 |
|      | 37°F(2.8°C)         | 52021 | 50981 | 50726  | 50523 | 50069 | 5.59 | 5.64 | 5.65 | 5.66 | 5.68 |
|      | 42°F(5.6°C)         | 56264 | 55139 | 54863  | 54644 | 54152 | 5.72 | 5.76 | 5.77 | 5.78 | 5.81 |
|      | 44.6°F(7.0°C)       | 57961 | 56802 | 56518  | 56292 | 55785 | 5.77 | 5.81 | 5.82 | 5.84 | 5.86 |
|      | 47°F(8.3°C)         | 60507 | 59296 | 59 000 | 58764 | 58235 | 5.84 | 5.89 | 5.90 | 5.91 | 5.94 |
|      | 52°F(11.1°C)        | 59999 | 58799 | 58505  | 58271 | 57747 | 5.35 | 5.40 | 5.41 | 5.42 | 5.44 |
|      | 57°F(13.9°C)        | 59492 | 58302 | 58011  | 57779 | 57259 | 4.86 | 4.90 | 4.91 | 4.92 | 4.94 |
|      | 59°F(15.0°C)        | 59289 | 58103 | 57813  | 57582 | 57063 | 4.67 | 4.71 | 4.72 | 4.73 | 4.75 |
|      | 62°F(16.7°C)        | 58985 | 57805 | 57516  | 57286 | 56770 | 4.38 | 4.41 | 4.42 | 4.43 | 4.45 |
|      | 64.4°F(18.0°C)<br>) | 58782 | 57606 | 57 318 | 57089 | 56575 | 4.18 | 4.22 | 4.22 | 4.23 | 4.25 |

The data highlighted in green are tested, other data are simulated and for reference only