

| AIRFLOW (CFM) | HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE |                                   |              |              |                |                |                          |              |              |                |                |
|---------------|----------------------------------------------------|-----------------------------------|--------------|--------------|----------------|----------------|--------------------------|--------------|--------------|----------------|----------------|
|               | OUTDOOR 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)                                     | 10645                             | 10432        | 10380        | 8240           | 8166           | 4.37                     | 4.41         | 4.42         | 4.42           | 4.44           |
|               | -13°F(-25.0°C)                                     | 14429                             | 14140        | 14070        | 10739          | 10643          | 5.98                     | 6.03         | 6.04         | 6.05           | 6.08           |
|               | -4°F(-20.0°C)                                      | 18158                             | 17795        | 17706        | 13515          | 13393          | 6.30                     | 6.35         | 6.36         | 6.37           | 6.40           |
|               | 0°F(-17.8°C)                                       | 20644                             | 20231        | 20130        | 15365          | 15227          | 6.36                     | 6.41         | 6.42         | 6.44           | 6.46           |
|               | 5°F(-15.0°C)                                       | 23751                             | 23276        | 23159        | 17677          | 17518          | 6.44                     | 6.49         | 6.50         | 6.52           | 6.54           |
|               | 14°F(-10.0°C)                                      | 23918                             | 23439        | 23322        | 17802          | 17641          | 6.26                     | 6.31         | 6.32         | 6.33           | 6.36           |
|               | 17°F(-8.3°C)                                       | 23973                             | 23494        | 23376        | 17843          | 17682          | 6.20                     | 6.25         | 6.26         | 6.27           | 6.30           |
|               | 22°F(-5.6°C)                                       | 24149                             | 23666        | 23548        | 17974          | 17812          | 5.99                     | 6.04         | 6.05         | 6.07           | 6.09           |
|               | 27°F(-2.8°C)                                       | 24325                             | 23838        | 23719        | 18105          | 17942          | 5.79                     | 5.84         | 5.85         | 5.86           | 5.88           |
|               | 32°F(-0.0°C)                                       | 24501                             | 24011        | 23891        | 18236          | 18072          | 5.59                     | 5.63         | 5.64         | 5.65           | 5.68           |
|               | 35°F(1.7°C)                                        | 24606                             | 24114        | 23994        | 18314          | 18150          | 5.46                     | 5.51         | 5.52         | 5.53           | 5.55           |
|               | 37°F(2.8°C)                                        | 25068                             | 24567        | 24444        | 18658          | 18490          | 5.39                     | 5.44         | 5.45         | 5.46           | 5.48           |
|               | 42°F(5.6°C)                                        | 26222                             | 25697        | 25569        | 19516          | 19341          | 5.21                     | 5.26         | 5.27         | 5.28           | 5.30           |
|               | 44.6°F(7.0°C)                                      | 26683                             | 26149        | 26019        | 19860          | 19681          | 5.14                     | 5.18         | 5.19         | 5.20           | 5.22           |
|               | 47°F(8.3°C)                                        | 27375                             | 26828        | 26694        | 20375          | 20192          | 5.03                     | 5.07         | 5.09         | 5.10           | 5.12           |
|               | 52°F(11.1°C)                                       | 27767                             | 27212        | 27076        | 20667          | 20481          | 4.58                     | 4.61         | 4.62         | 4.63           | 4.65           |
|               | 57°F(13.9°C)                                       | 28159                             | 27596        | 27458        | 20958          | 20770          | 4.12                     | 4.15         | 4.16         | 4.17           | 4.19           |
|               | 59°F(15.0°C)                                       | 28316                             | 27749        | 27611        | 21075          | 20885          | 3.94                     | 3.97         | 3.98         | 3.98           | 4.00           |
|               | 62°F(16.7°C)                                       | 28551                             | 27980        | 27840        | 21250          | 21059          | 3.66                     | 3.69         | 3.70         | 3.70           | 3.72           |
|               | 64.4°F(18.0°C)                                     | 28708                             | 28133        | 27993        | 21367          | 21174          | 3.48                     | 3.51         | 3.51         | 3.52           | 3.53           |
| 971           | -22°F(-30.0°C)                                     | 13840                             | 13563        | 13496        | 12000          | 11892          | 4.42                     | 4.45         | 4.46         | 4.47           | 4.49           |
|               | -13°F(-25.0°C)                                     | 18395                             | 18027        | 17937        | 15640          | 15499          | 6.04                     | 6.09         | 6.10         | 6.11           | 6.14           |
|               | -4°F(-20.0°C)                                      | 23150                             | 22687        | 22573        | 19682          | 19505          | 6.36                     | 6.41         | 6.42         | 6.44           | 6.46           |
|               | 0°F(-17.8°C)                                       | 26319                             | 25792        | 25663        | 22376          | 22175          | 6.42                     | 6.48         | 6.49         | 6.50           | 6.53           |
|               | 5°F(-15.0°C)                                       | 30279                             | 29674        | 29526        | 25744          | 25512          | 6.50                     | 6.56         | 6.57         | 6.58           | 6.61           |
|               | 14°F(-10.0°C)                                      | 30492                             | 29882        | 29733        | 25925          | 25691          | 6.32                     | 6.37         | 6.38         | 6.40           | 6.42           |
|               | 17°F(-8.3°C)                                       | 30563                             | 29952        | 29802        | 25985          | 25751          | 6.26                     | 6.31         | 6.32         | 6.34           | 6.36           |
|               | 22°F(-5.6°C)                                       | 30787                             | 30172        | 30021        | 26176          | 25940          | 6.05                     | 6.10         | 6.11         | 6.13           | 6.15           |
|               | 27°F(-2.8°C)                                       | 31012                             | 30391        | 30239        | 26366          | 26129          | 5.85                     | 5.90         | 5.91         | 5.92           | 5.94           |
|               | 32°F(-0.0°C)                                       | 31236                             | 30611        | 30458        | 26557          | 26318          | 5.64                     | 5.69         | 5.70         | 5.71           | 5.73           |
|               | 35°F(1.7°C)                                        | 31370                             | 30743        | 30589        | 26671          | 26431          | 5.52                     | 5.56         | 5.57         | 5.59           | 5.61           |
|               | 37°F(2.8°C)                                        | 31959                             | 31320        | 31163        | 27172          | 26927          | 5.45                     | 5.49         | 5.50         | 5.51           | 5.53           |
|               | 42°F(5.6°C)                                        | 33429                             | 32761        | 32597        | 28422          | 28166          | 5.27                     | 5.31         | 5.32         | 5.33           | 5.35           |
|               | 44.6°F(7.0°C)                                      | 34018                             | 33337        | 33171        | 28922          | 28662          | 5.19                     | 5.24         | 5.25         | 5.26           | 5.28           |
|               | 47°F(8.3°C)                                        | 34900                             | 34202        | 34031        | 29672          | 29405          | 5.09                     | 5.13         | 5.14         | 5.15           | 5.17           |
|               | 52°F(11.1°C)                                       | 35400                             | 34692        | 34518        | 30097          | 29826          | 4.62                     | 4.66         | 4.67         | 4.68           | 4.70           |
|               | 57°F(13.9°C)                                       | 35899                             | 35181        | 35005        | 30522          | 30247          | 4.16                     | 4.19         | 4.20         | 4.21           | 4.23           |
|               | 59°F(15.0°C)                                       | 36099                             | 35377        | 35200        | 30692          | 30416          | 3.98                     | 4.01         | 4.02         | 4.02           | 4.04           |
|               | 62°F(16.7°C)                                       | 36399                             | 35671        | 35493        | 30947          | 30668          | 3.70                     | 3.73         | 3.73         | 3.74           | 3.76           |
|               | 64.4°F(18.0°C)                                     | 36599                             | 35867        | 35687        | 31117          | 30837          | 3.51                     | 3.54         | 3.55         | 3.56           | 3.57           |
|               | -22°F(-30.0°C)                                     | 17994                             | 17634        | 17546        | 17476          | 17319          | 4.46                     | 4.50         | 4.51         | 4.51           | 4.53           |
|               | -13°F(-25.0°C)                                     | 23452                             | 22983        | 22868        | 22776          | 22571          | 6.10                     | 6.15         | 6.16         | 6.17           | 6.20           |
|               | -4°F(-20.0°C)                                      | 29513                             | 28923        | 28778        | 28663          | 28405          | 6.42                     | 6.48         | 6.49         | 6.50           | 6.53           |
|               | 0°F(-17.8°C)                                       | 33553                             | 32882        | 32718        | 32587          | 32293          | 6.49                     | 6.54         | 6.55         | 6.57           | 6.59           |
|               | 5°F(-15.0°C)                                       | 38603                             | 37831        | 37642        | 37491          | 37154          | 6.57                     | 6.62         | 6.64         | 6.65           | 6.68           |
|               | 14°F(-10.0°C)                                      | 38874                             | 38096        | 37906        | 37754          | 37415          | 6.38                     | 6.44         | 6.45         | 6.46           | 6.49           |
|               | 17°F(-8.3°C)                                       | 38964                             | 38185        | 37994        | 37842          | 37501          | 6.32                     | 6.37         | 6.39         | 6.40           | 6.42           |

|      |                |       |       |        |       |       |      |      |      |      |      |
|------|----------------|-------|-------|--------|-------|-------|------|------|------|------|------|
| 1456 | 22°F(-5.6°C)   | 39250 | 38465 | 38273  | 38120 | 37777 | 6.11 | 6.16 | 6.18 | 6.19 | 6.21 |
|      | 27°F(-2.8°C)   | 39536 | 38745 | 38552  | 38397 | 38052 | 5.91 | 5.95 | 5.97 | 5.98 | 6.00 |
|      | 32°F(-0.0°C)   | 39822 | 39026 | 38831  | 38675 | 38327 | 5.70 | 5.75 | 5.76 | 5.77 | 5.79 |
|      | 35°F(1.7°C)    | 39994 | 39194 | 38998  | 38842 | 38492 | 5.57 | 5.62 | 5.63 | 5.64 | 5.66 |
|      | 37°F(2.8°C)    | 40744 | 39929 | 39729  | 39570 | 39214 | 5.50 | 5.55 | 5.56 | 5.57 | 5.59 |
|      | 42°F(5.6°C)    | 42619 | 41766 | 41557  | 41391 | 41019 | 5.32 | 5.36 | 5.37 | 5.38 | 5.41 |
|      | 44.6°F(7.0°C)  | 43369 | 42501 | 42289  | 42120 | 41741 | 5.25 | 5.29 | 5.30 | 5.31 | 5.33 |
|      | 47°F(8.3°C)    | 44494 | 43604 | 43386  | 43212 | 42823 | 5.14 | 5.18 | 5.19 | 5.20 | 5.22 |
|      | 52°F(11.1°C)   | 45131 | 44228 | 44007  | 43831 | 43436 | 4.67 | 4.71 | 4.72 | 4.73 | 4.74 |
|      | 57°F(13.9°C)   | 45768 | 44852 | 44628  | 44449 | 44049 | 4.20 | 4.24 | 4.24 | 4.25 | 4.27 |
|      | 59°F(15.0°C)   | 46022 | 45102 | 44876  | 44697 | 44295 | 4.02 | 4.05 | 4.06 | 4.06 | 4.08 |
|      | 62°F(16.7°C)   | 46404 | 45476 | 45249  | 45068 | 44662 | 3.73 | 3.77 | 3.77 | 3.78 | 3.80 |
|      | 64.4°F(18.0°C) | 46659 | 45726 | 45497  | 45315 | 44908 | 3.55 | 3.58 | 3.58 | 3.59 | 3.61 |
| 1912 | -22°F(-30.0°C) | 22940 | 22482 | 22 369 | 22280 | 22079 | 4.51 | 4.54 | 4.55 | 4.56 | 4.58 |
|      | -13°F(-25.0°C) | 29898 | 29300 | 29 154 | 29037 | 28776 | 6.16 | 6.21 | 6.22 | 6.24 | 6.26 |
|      | -4°F(-20.0°C)  | 37626 | 36873 | 36 689 | 36542 | 36213 | 6.49 | 6.54 | 6.56 | 6.57 | 6.59 |
|      | 0°F(-17.8°C)   | 42776 | 41921 | 41711  | 41544 | 41170 | 6.55 | 6.61 | 6.62 | 6.63 | 6.66 |
|      | 5°F(-15.0°C)   | 49214 | 48230 | 47 989 | 47797 | 47367 | 6.64 | 6.69 | 6.70 | 6.72 | 6.74 |
|      | 14°F(-10.0°C)  | 49560 | 48569 | 48326  | 48132 | 47699 | 6.45 | 6.50 | 6.51 | 6.53 | 6.55 |
|      | 17°F(-8.3°C)   | 49675 | 48681 | 48 438 | 48244 | 47810 | 6.39 | 6.44 | 6.45 | 6.46 | 6.49 |
|      | 22°F(-5.6°C)   | 50039 | 49039 | 48793  | 48598 | 48161 | 6.18 | 6.23 | 6.24 | 6.25 | 6.28 |
|      | 27°F(-2.8°C)   | 50404 | 49396 | 49149  | 48952 | 48512 | 5.97 | 6.01 | 6.03 | 6.04 | 6.06 |
|      | 32°F(-0.0°C)   | 50769 | 49753 | 49504  | 49306 | 48863 | 5.76 | 5.80 | 5.81 | 5.83 | 5.85 |
|      | 35°F(1.7°C)    | 50987 | 49968 | 49 718 | 49519 | 49073 | 5.63 | 5.68 | 5.69 | 5.70 | 5.72 |
|      | 37°F(2.8°C)    | 51943 | 50905 | 50650  | 50447 | 49993 | 5.56 | 5.60 | 5.61 | 5.62 | 5.65 |
|      | 42°F(5.6°C)    | 54334 | 53247 | 52981  | 52769 | 52294 | 5.37 | 5.42 | 5.43 | 5.44 | 5.46 |
|      | 44.6°F(7.0°C)  | 55290 | 54184 | 53913  | 53698 | 53214 | 5.30 | 5.34 | 5.35 | 5.36 | 5.38 |
|      | 47°F(8.3°C)    | 56724 | 55590 | 55 312 | 55091 | 54595 | 5.19 | 5.23 | 5.24 | 5.25 | 5.27 |
|      | 52°F(11.1°C)   | 57536 | 56386 | 56104  | 55879 | 55376 | 4.72 | 4.75 | 4.76 | 4.77 | 4.79 |
|      | 57°F(13.9°C)   | 58348 | 57181 | 56896  | 56668 | 56158 | 4.24 | 4.28 | 4.29 | 4.30 | 4.31 |
|      | 59°F(15.0°C)   | 58673 | 57500 | 57212  | 56983 | 56471 | 4.06 | 4.09 | 4.10 | 4.10 | 4.12 |
|      | 62°F(16.7°C)   | 59160 | 57977 | 57687  | 57457 | 56939 | 3.77 | 3.80 | 3.81 | 3.82 | 3.83 |
|      | 64.4°F(18.0°C) | 59485 | 58295 | 58 004 | 57772 | 57252 | 3.58 | 3.61 | 3.62 | 3.63 | 3.64 |

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