CH-PRO36MASTWM-230VI

| AIRFLOW (CFM) | HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | OUTDOOR DB(℉) | TC Total Heating Capacity(BTU/hr) | | | | | PI Power Input(kW) | | | | |
| | | Indoor Conditions(DB ℉) | | | | | Indoor Conditions(DB ℉) | | | | |
| | | 60.8℉(16.0℃) | 68℉(20.0℃) | 70℉(21.1℃) | 71.6℉(22.0℃) | 75.2℉(24.0℃) | 60.8℉(16.0℃) | 68℉(20.0℃) | 70℉(21.1℃) | 71.6℉(22.0℃) | 75.2℉(24.0℃) |
| 382 | -13℉(-25.0℃) | 9707 | 9513 | 9465 | 11532 | 11428 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | -4℉(-20.0℃) | 9604 | 9412 | 9365 | 11409 | 11306 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0℉(-17.8℃) | 9558 | 9367 | 9320 | 11354 | 11252 | 1.41 | 1.42 | 1.43 | 1.43 | 1.44 |
| | 5℉(-15.0℃) | 9501 | 9311 | 9264 | 11286 | 11184 | 3.18 | 3.21 | 3.21 | 3.22 | 3.23 |
| | 14℉(-10.0℃) | 9397 | 9209 | 9163 | 11163 | 11063 | 3.20 | 3.23 | 3.23 | 3.24 | 3.25 |
| | 17℉(-8.3℃) | 9363 | 9175 | 9130 | 11122 | 11022 | 3.21 | 3.23 | 3.24 | 3.24 | 3.26 |
| | 22℉(-5.6℃) | 9461 | 9272 | 9225 | 11239 | 11138 | 3.27 | 3.30 | 3.30 | 3.31 | 3.32 |
| | 27℉(-2.8℃) | 9559 | 9368 | 9321 | 11356 | 11254 | 3.34 | 3.36 | 3.37 | 3.38 | 3.39 |
| | 32℉(-0.0℃) | 9658 | 9465 | 9417 | 11473 | 11370 | 3.40 | 3.43 | 3.44 | 3.44 | 3.46 |
| | 35℉(1.7℃) | 9717 | 9522 | 9475 | 11543 | 11439 | 3.44 | 3.47 | 3.48 | 3.48 | 3.50 |
| | 37℉(2.8℃) | 10508 | 10297 | 10246 | 12482 | 12370 | 2.87 | 2.89 | 2.90 | 2.90 | 2.92 |
| | 42℉(5.6℃) | 12485 | 12235 | 12174 | 14831 | 14698 | 1.43 | 1.45 | 1.45 | 1.45 | 1.46 |
| | 44.6℉(7.0℃) | 13276 | 13010 | 12945 | 15771 | 15629 | 0.86 | 0.87 | 0.87 | 0.87 | 0.87 |
| | 47℉(8.3℃) | 14462 | 14173 | 14102 | 17180 | 17026 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 52℉(11.1℃) | 14107 | 13825 | 13756 | 16758 | 16607 | 0.54 | 0.55 | 0.55 | 0.55 | 0.55 |
| | 57℉(13.9℃) | 13752 | 13477 | 13409 | 16336 | 16189 | 1.08 | 1.09 | 1.10 | 1.10 | 1.10 |
| | 59℉(15.0℃) | 13610 | 13337 | 13271 | 16167 | 16022 | 1.30 | 1.31 | 1.31 | 1.32 | 1.32 |
| | 62℉(16.7℃) | 13396 | 13128 | 13063 | 15914 | 15771 | 1.63 | 1.64 | 1.64 | 1.65 | 1.65 |
| | 64.4℉(18.0℃) | 13254 | 12989 | 12924 | 15745 | 15604 | 1.84 | 1.86 | 1.86 | 1.87 | 1.87 |
| 506 | -13℉(-25.0℃) | 13090 | 12828 | 12764 | 14060 | 13933 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | -4℉(-20.0℃) | 12950 | 12691 | 12628 | 13910 | 13785 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0℉(-17.8℃) | 12888 | 12630 | 12567 | 13843 | 13719 | 1.43 | 1.44 | 1.44 | 1.45 | 1.45 |
| | 5℉(-15.0℃) | 12811 | 12555 | 12492 | 13760 | 13636 | 3.21 | 3.24 | 3.25 | 3.25 | 3.26 |
| | 14℉(-10.0℃) | 12672 | 12418 | 12356 | 13611 | 13488 | 3.23 | 3.26 | 3.26 | 3.27 | 3.28 |
| | 17℉(-8.3℃) | 12625 | 12373 | 12311 | 13561 | 13439 | 3.24 | 3.26 | 3.27 | 3.28 | 3.29 |
| | 22℉(-5.6℃) | 12758 | 12502 | 12440 | 13703 | 13580 | 3.30 | 3.33 | 3.34 | 3.34 | 3.36 |
| | 27℉(-2.8℃) | 12890 | 12632 | 12569 | 13846 | 13721 | 3.37 | 3.40 | 3.41 | 3.41 | 3.43 |
| | 32℉(-0.0℃) | 13023 | 12762 | 12699 | 13988 | 13862 | 3.44 | 3.47 | 3.47 | 3.48 | 3.49 |
| | 35℉(1.7℃) | 13102 | 12840 | 12776 | 14073 | 13947 | 3.48 | 3.51 | 3.51 | 3.52 | 3.53 |
| | 37℉(2.8℃) | 14169 | 13885 | 13816 | 15219 | 15082 | 2.90 | 2.92 | 2.93 | 2.93 | 2.94 |
| | 42℉(5.6℃) | 16835 | 16498 | 16416 | 18083 | 17920 | 1.45 | 1.46 | 1.46 | 1.47 | 1.47 |
| | 44.6℉(7.0℃) | 17902 | 17544 | 17456 | 19228 | 19055 | 0.87 | 0.88 | 0.88 | 0.88 | 0.88 |
| | 47℉(8.3℃) | 19501 | 19111 | 19016 | 20947 | 20758 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 52℉(11.1℃) | 19022 | 18642 | 18549 | 20432 | 20248 | 0.55 | 0.55 | 0.55 | 0.55 | 0.56 |
| | 57℉(13.9℃) | 18543 | 18172 | 18082 | 19918 | 19738 | 1.10 | 1.10 | 1.11 | 1.11 | 1.11 |
| | 59℉(15.0℃) | 18352 | 17985 | 17895 | 19712 | 19534 | 1.31 | 1.33 | 1.33 | 1.33 | 1.34 |
| | 62℉(16.7℃) | 18064 | 17703 | 17614 | 19403 | 19228 | 1.64 | 1.66 | 1.66 | 1.66 | 1.67 |
| | 64.4℉(18.0℃) | 17873 | 17515 | 17428 | 19197 | 19024 | 1.86 | 1.88 | 1.88 | 1.88 | 1.89 |
| | -13℉(-25.0℃) | 17650 | 17297 | 17211 | 17142 | 16988 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | -4℉(-20.0℃) | 17462 | 17113 | 17028 | 16960 | 16807 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0℉(-17.8℃) | 17379 | 17031 | 16946 | 16878 | 16727 | 1.44 | 1.45 | 1.46 | 1.46 | 1.47 |
| | 5℉(-15.0℃) | 17275 | 16929 | 16844 | 16777 | 16626 | 3.25 | 3.27 | 3.28 | 3.28 | 3.30 |
| | 14℉(-10.0℃) | 17087 | 16745 | 16661 | 16595 | 16445 | 3.26 | 3.29 | 3.30 | 3.30 | 3.32 |
| | 17℉(-8.3℃) | 17024 | 16684 | 16600 | 16534 | 16385 | 3.27 | 3.30 | 3.30 | 3.31 | 3.32 |
| | 22℉(-5.6℃) | 17203 | 16859 | 16775 | 16707 | 16557 | 3.34 | 3.37 | 3.37 | 3.38 | 3.39 |
| | 27℉(-2.8℃) | 17382 | 17034 | 16949 | 16881 | 16729 | 3.41 | 3.43 | 3.44 | 3.45 | 3.46 |
| | 32℉(-0.0℃) | 17560 | 17209 | 17123 | 17055 | 16901 | 3.47 | 3.50 | 3.51 | 3.51 | 3.53 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 635 | 35°F(1.7℃) | 17668 | 17314 | 17228 | 17159 | 17004 | 3.51 | 3.54 | 3.55 | 3.56 | 3.57 |
| | 37°F(2.8℃) | 19106 | 18724 | 18630 | 18556 | 18389 | 2.93 | 2.95 | 2.96 | 2.96 | 2.97 |
| | 42°F(5.6℃) | 22701 | 22247 | 22136 | 22047 | 21849 | 1.46 | 1.48 | 1.48 | 1.48 | 1.49 |
| | 44.6°F(7.0℃) | 24139 | 23656 | 23538 | 23444 | 23233 | 0.88 | 0.89 | 0.89 | 0.89 | 0.89 |
| | 47°F(8.3℃) | 26296 | 25770 | 25642 | 25539 | 25309 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 52°F(11.1℃) | 25650 | 25137 | 25012 | 24912 | 24687 | 0.55 | 0.56 | 0.56 | 0.56 | 0.56 |
| | 57°F(13.9℃) | 25004 | 24504 | 24382 | 24284 | 24066 | 1.11 | 1.12 | 1.12 | 1.12 | 1.12 |
| | 59°F(15.0℃) | 24746 | 24251 | 24130 | 24033 | 23817 | 1.33 | 1.34 | 1.34 | 1.34 | 1.35 |
| | 62°F(16.7℃) | 24358 | 23871 | 23752 | 23657 | 23444 | 1.66 | 1.67 | 1.68 | 1.68 | 1.69 |
| | 64.4°F(18.0℃) | 24100 | 23618 | 23500 | 23406 | 23195 | 1.88 | 1.90 | 1.90 | 1.90 | 1.91 |
| 882 | -13°F(-25.0℃) | 23800 | 23324 | 23 208 | 23115 | 22907 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | -4°F(-20.0℃) | 23547 | 23076 | 22 961 | 22869 | 22663 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0°F(-17.8℃) | 23434 | 22966 | 22851 | 22760 | 22555 | 1.46 | 1.47 | 1.47 | 1.47 | 1.48 |
| | 5°F(-15.0℃) | 23294 | 22828 | 22 714 | 22623 | 22419 | 3.28 | 3.30 | 3.31 | 3.32 | 3.33 |
| | 14°F(-10.0℃) | 23040 | 22580 | 22467 | 22377 | 22175 | 3.30 | 3.32 | 3.33 | 3.34 | 3.35 |
| | 17°F(-8.3℃) | 22956 | 22497 | 22 384 | 22295 | 22094 | 3.30 | 3.33 | 3.34 | 3.34 | 3.36 |
| | 22°F(-5.6℃) | 23197 | 22733 | 22619 | 22529 | 22326 | 3.37 | 3.40 | 3.41 | 3.41 | 3.43 |
| | 27°F(-2.8℃) | 23438 | 22969 | 22854 | 22763 | 22558 | 3.44 | 3.47 | 3.47 | 3.48 | 3.50 |
| | 32°F(-0.0℃) | 23679 | 23206 | 23090 | 22997 | 22790 | 3.51 | 3.54 | 3.54 | 3.55 | 3.56 |
| | 35°F(1.7℃) | 23824 | 23347 | 23 231 | 23138 | 22929 | 3.55 | 3.58 | 3.58 | 3.59 | 3.61 |
| | 37°F(2.8℃) | 25763 | 25248 | 25121 | 25021 | 24796 | 2.96 | 2.98 | 2.99 | 2.99 | 3.00 |
| | 42°F(5.6℃) | 30611 | 29999 | 29849 | 29729 | 29462 | 1.48 | 1.49 | 1.49 | 1.50 | 1.50 |
| | 44.6°F(7.0℃) | 32550 | 31899 | 31740 | 31613 | 31328 | 0.89 | 0.89 | 0.90 | 0.90 | 0.90 |
| | 47°F(8.3℃) | 35459 | 34750 | 34 576 | 34438 | 34128 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 52°F(11.1℃) | 34588 | 33896 | 33727 | 33592 | 33289 | 0.56 | 0.56 | 0.56 | 0.57 | 0.57 |
| | 57°F(13.9℃) | 33717 | 33042 | 32877 | 32746 | 32451 | 1.12 | 1.13 | 1.13 | 1.13 | 1.14 |
| | 59°F(15.0℃) | 33368 | 32701 | 32538 | 32407 | 32116 | 1.34 | 1.35 | 1.35 | 1.36 | 1.36 |
| | 62°F(16.7℃) | 32846 | 32189 | 32028 | 31900 | 31613 | 1.68 | 1.69 | 1.69 | 1.70 | 1.70 |
| | 64.4°F(18.0℃) | 32497 | 31847 | 31 688 | 31561 | 31277 | 1.90 | 1.92 | 1.92 | 1.92 | 1.93 |

**tested,**
**other**