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## Table 6. Heat Emitted by Direct Radiation—Wall Radiators

*Steam Temperature at 215 deg. fahr.* *Room Temperature at 70 deg. fahr.*

| No. of Sections | 29 In. | | 22 In. | | 17 In. | |
|---|---|---|---|---|---|---|
| | Rated Surface sq. ft. | Total B.t.u. per hr. | Rated Surface sq. ft. | Total B.t.u. per hr. | Rated Surface sq. ft. | Total B.t.u per hr. |
| 1 | 9 | 2853 | 7 | 2234 | 5 | 1658 |
| 2 | 18 | 5456 | 14 | 4281 | 10 | 3208 |
| 3 | 27 | 8059 | 21 | 6327 | 15 | 4758 |
| 4 | 36 | 10663 | 28 | 8372 | 20 | 6308 |
| 5 | 45 | 13266 | 35 | 10420 | 25 | 7860 |
| 6 | 54 | 15869 | 42 | 12466 | 30 | 9408 |
| 7 | 63 | 18472 | 49 | 14513 | 35 | 10959 |
| 8 | 72 | 21074 | 56 | 16559 | 40 | 12508 |
| 9 | 81 | 23676 | 63 | 18604 | 45 | 14063 |
| 10 | 90 | 26280 | 70 | 20650 | 50 | 15610 |
| 11 | 99 | 28888 | 77 | 22700 | 55 | 17160 |
| 12 | 108 | 31493 | 84 | 24746 | 60 | 18708 |
| 13 | 117 | 34094 | 91 | 26790 | 65 | 20261 |
| 14 | 126 | 36696 | 98 | 28832 | 70 | 21812 |
| 15 | 135 | 39299 | 105 | 30881 | 75 | 23363 |
| 16 | 144 | 41904 | 112 | 32928 | 80 | 24913 |
| 17 | 153 | 44508 | 119 | 34974 | 85 | 26461 |
| 18 | 162 | 47110 | 126 | 37019 | 90 | 28008 |
| 19 | 171 | 49715 | 133 | 39062 | 95 | 29560 |
| 20 | 180 | 52322 | 140 | 41118 | 100 | 31110 |
| B.t.u. per Intermediate Section | | 2603 | ... | 2046 | ... | 1550 |
| " " Sq. Ft. " " | | 289 | ... | 293 | ... | 310 |
| " " " " End Surface | | 316 | ... | 319 | ... | 331 |





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## Table 7. Heat Emitted by Direct Radiation—Window Radiators

*Steam Temperature at 215 deg. fahr.* *Room Temperature at 70 deg. fahr.*

| Length Inches | No. of Sections | 20 In. | | 16 In. | | 13 In. | |
|---|---|---|---|---|---|---|---|
| | | Rated Surface sq. ft. | Total B.t.u. per hr. | Rated Surface sq. ft. | Total B.t.u. per hr. | Rated Surface sq. ft. | Total B.t.u. per hr. |
| | 1 | 5 | 1708 | 3.75 | 1332 | 3 | 1082 |
| 6 | 2 | 10 | 2761 | 7.50 | 2156 | 6 | 1762 |
| | 3 | 15 | 3816 | 11.25 | 2979 | 9 | 2441 |
| 12 | 4 | 20 | 4872 | 15.00 | 3803 | 12 | 3119 |
| | 5 | 25 | 5930 | 18.75 | 4626 | 15 | 3798 |
| 18 | 6 | 30 | 6987 | 22.50 | 5450 | 18 | 4477 |
| | 7 | 35 | 8043 | 26.25 | 6274 | 21 | 5156 |
| 24 | 8 | 40 | 9098 | 30.00 | 7098 | 24 | 5836 |
| | 9 | 45 | 10152 | 33.75 | 7921 | 27 | 6516 |
| 30 | 10 | 50 | 11210 | 37.50 | 8745 | 30 | 7194 |
| | 11 | 55 | 12265 | 41.25 | 9570 | 33 | 7871 |
| 36 | 12 | 60 | 13320 | 45.00 | 10395 | 36 | 8550 |
| | 13 | 65 | 14378 | 48.75 | 11217 | 39 | 9227 |
| 42 | 14 | 70 | 15435 | 52.50 | 12038 | 42 | 9908 |
| | 15 | 75 | 16490 | 56.25 | 12864 | 45 | 10589 |
| 48 | 16 | 80 | 17544 | 60.00 | 13686 | 48 | 11266 |
| | 17 | 85 | 18598 | 63.75 | 14510 | 51 | 11944 |
| 54 | 18 | 90 | 19656 | 67.50 | 15336 | 54 | 12625 |
| | 19 | 95 | 20710 | 71.25 | 16160 | 57 | 13304 |
| 60 | 20 | 100 | 21770 | 75.00 | 16988 | 60 | 13986 |
| B.t.u. per Intermediate Section | | | 1056 | ..... | ..... | .. | 679 |
| " " Sq. Ft. " " | | | 211 | ..... | ..... | ... | 226 |
| " " " End Surface | | | 342 | ..... | ..... | .. | 361 |