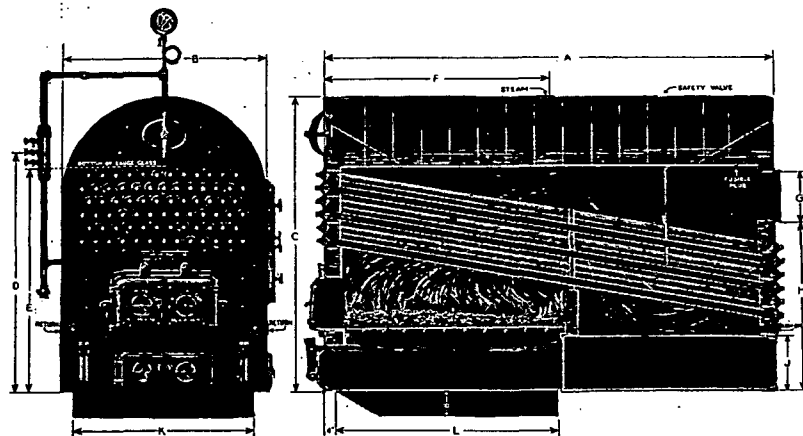


## Harrisburg Star Boiler Corporation

15 Park Row, New York

### LOW PRESSURE WATER TUBE HEATING BOILERS

A.S.M.E. Code



Standard Equipment consists of Shaking and Dumping Grates, Steel Base, Low Pressure Steam Gage with Siphon, Cast Iron Water Column with gage glass and three brass try-cocks, Pop Safety Valves as required, Cleaning Brush, Tube Scraper, Hoe, Poker and Slice Bar.

(Boilers Nos. 704 to 718 inclusive, require no brick work of any kind. Boilers Nos. 719 to 725 inclusive, require brick bridgewalls.)

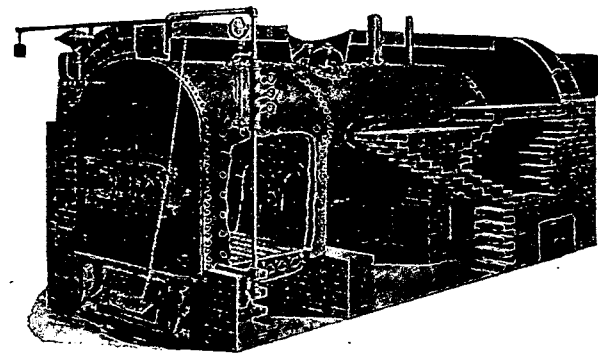
| Boiler Number | Steam Capacity, Sq. Ft. | Water Evaporation, Lbs. | Grate Surface, Sq. Ft. | "A" Total Length, Ft. | "B" Total Width, In. | "C" Total Height, Ft. | "D" Water Line, In. | "E" Size Smoke Flue | "F" Height of Base | "G" Width Ash Pit | "H" Length Ash Pit | "I" Diameter Stack One Boiler, In. | "J" Height Stack One Boiler, Ft. | "K" Diameter Stack Two Boilers, In. | "L" Height Stack Two Boilers, Ft. | Brick Required for Base | Asbestos Cover, Sq. Ft. | Approx. Weight Boiler Complete |
|---------------|-------------------------|-------------------------|------------------------|-----------------------|----------------------|-----------------------|---------------------|---------------------|--------------------|-------------------|--------------------|------------------------------------|----------------------------------|-------------------------------------|-----------------------------------|-------------------------|-------------------------|--------------------------------|
| 704           | 2750                    | 690                     | 9.4                    | 7-9                   | 39                   | 5-5                   | 56                  | 10x26               | 15                 | 2-8               | 3-8                | 18                                 | 50                               | 23                                  | 50                                | None                    | 76                      | 5500                           |
| 705           | 3450                    | 862                     | 10.6                   | 7-0                   | 43                   | 5-5                   | 61                  | 13x22               | 15                 | 3-8               | 3-8                | 18                                 | 50                               | 24                                  | 50                                | "                       | 77                      | 6800                           |
| 706           | 4150                    | 1035                    | 12.1                   | 8-3                   | 45                   | 5-5                   | 61                  | 13x28               | 15                 | 3-8               | 4-2                | 18                                 | 60                               | 25                                  | 60                                | "                       | 91                      | 7300                           |
| 707           | 5000                    | 1242                    | 14.8                   | 8-3                   | 45                   | 5-5                   | 61                  | 13x31               | 15                 | 3-8               | 4-2                | 18                                 | 60                               | 27                                  | 60                                | "                       | 99                      | 8000                           |
| 708           | 5800                    | 1449                    | 14.8                   | 8-3                   | 45                   | 5-5                   | 61                  | 13x31               | 15                 | 3-8               | 4-2                | 21                                 | 60                               | 29                                  | 65                                | "                       | 103                     | 9000                           |
| 709           | 6900                    | 1725                    | 18.3                   | 9-1                   | 56                   | 5-5                   | 68                  | 13x38               | 15                 | 4-0               | 4-8                | 23                                 | 60                               | 31                                  | 65                                | "                       | 118                     | 10700                          |
| 710           | 8300                    | 2070                    | 20.3                   | 10-10                 | 56                   | 5-5                   | 68                  | 13x42               | 15                 | 4-0               | 5-2                | 25                                 | 60                               | 33                                  | 70                                | "                       | 141                     | 11300                          |
| 711           | 9000                    | 2242                    | 21.8                   | 10-10                 | 60                   | 5-11                  | 69                  | 16x36               | 15                 | 4-4               | 5-2                | 25                                 | 65                               | 34                                  | 70                                | "                       | 148                     | 11700                          |
| 712           | 9700                    | 2415                    | 24.0                   | 11-7                  | 60                   | 5-11                  | 69                  | 16x39               | 15                 | 4-4               | 5-8                | 26                                 | 65                               | 35                                  | 70                                | "                       | 160                     | 12000                          |
| 713           | 10400                   | 2587                    | 26.2                   | 12-5                  | 60                   | 5-11                  | 69                  | 16x43               | 15                 | 4-4               | 6-2                | 26                                 | 65                               | 36                                  | 70                                | "                       | 171                     | 12500                          |
| 713A          | 11000                   | 2760                    | 26.2                   | 11-7                  | 60                   | 5-11                  | 73                  | 19x36               | 15                 | 4-4               | 6-2                | 27                                 | 70                               | 36                                  | 75                                | "                       | 167                     | 12800                          |
| 714           | 11700                   | 2932                    | 28.3                   | 12-6                  | 60                   | 5-11                  | 73                  | 19x39               | 15                 | 4-4               | 6-8                | 28                                 | 70                               | 37                                  | 75                                | "                       | 178                     | 13300                          |
| 715           | 12400                   | 3105                    | 30.5                   | 13-1                  | 60                   | 5-11                  | 73                  | 19x42               | 15                 | 4-4               | 7-2                | 29                                 | 70                               | 38                                  | 75                                | "                       | 188                     | 14000                          |
| 716           | 13800                   | 3450                    | 31.8                   | 11-10                 | 71                   | 7-11                  | 76                  | 19x43               | 15                 | 5-3               | 6-3                | 30                                 | 70                               | 40                                  | 80                                | "                       | 193                     | 15500                          |
| 717           | 15200                   | 3795                    | 34.4                   | 12-11                 | 71                   | 7-11                  | 76                  | 19x47               | 15                 | 5-3               | 6-9                | 31                                 | 70                               | 42                                  | 80                                | "                       | 208                     | 16800                          |
| 718           | 17300                   | 4312                    | 37.0                   | 14-7                  | 71                   | 7-11                  | 76                  | 19x50               | 15                 | 5-3               | 7-3                | 32                                 | 80                               | 43                                  | 90                                | "                       | 234                     | 18500                          |
| 719           | 18600                   | 4657                    | 41.3                   | 12-6                  | 90                   | 9-1                   | 83                  | 21x46               | 18                 | 6-10              | 6-3                | 33                                 | 85                               | 44                                  | 90                                | "                       | 244                     | 20000                          |
| 720           | 20700                   | 5175                    | 44.7                   | 13-10                 | 90                   | 9-1                   | 83                  | 21x51               | 18                 | 6-10              | 6-9                | 34                                 | 90                               | 46                                  | 100                               | "                       | 260                     | 21000                          |
| 721           | 24200                   | 6037                    | 51.0                   | 16-1                  | 90                   | 9-1                   | 83                  | 21x61               | 18                 | 6-10              | 7-3                | 36                                 | 100                              | 48                                  | 110                               | "                       | 304                     | 25200                          |
| 722           | 27600                   | 6900                    | 55.4                   | 14-1                  | 103                  | 10-2                  | 90                  | 21x66               | 18                 | 7-11              | 7-9                | 38                                 | 100                              | 51                                  | 110                               | "                       | 302                     | 27700                          |
| 723           | 31600                   | 7762                    | 55.4                   | 14-1                  | 103                  | 10-6                  | 94                  | 21x66               | 18                 | 7-11              | 7-3                | 39                                 | 110                              | 52                                  | 110                               | "                       | 312                     | 29300                          |
| 724           | 35000                   | 8625                    | 59.4                   | 15-9                  | 103                  | 10-6                  | 94                  | 21x71               | 18                 | 7-11              | 7-9                | 40                                 | 110                              | 54                                  | 110                               | "                       | 351                     | 32700                          |
| 725           | 42000                   | 10350                   | 63.3                   | 17-2                  | 103                  | 10-10                 | 98                  | 21x76               | 18                 | 7-11              | 8-3                | 42                                 | 110                              | 60                                  | 110                               | "                       | 394                     | 35600                          |

## Kewanee Boiler Corporation

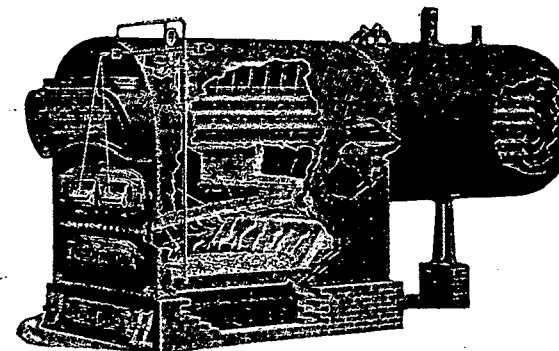
Kewanee, Illinois

BRANCHES IN ALL PRINCIPAL CITIES

Steel Heating and Power Boilers, Water Heating Garbage Burners, Tabasco Heaters, Tanks and Radiators



**KEWANEE FIREBOX BOILER**—Brick-set-for Heating  
Kewanee Firebox Boilers represent 40 years of intensive study and effort to make the highest grade equipment for heating buildings. They are adapted to the burning of any grade of fuel and will maintain high efficiency when operating to supply the variable demands of a heating load.



**KEWANEE SMOKELESS BOILER**—Portable-for Heating  
The rated capacity is the amount of direct radiation that the boiler will carry with a firing interval of three to four hours depending upon the grade of fuel used. No discount in rating is advised as reserve capacity has been allowed to care for the most severe weather conditions.

Kewanee Boilers are built of steel (riveted) using as a minimum basis the rules of construction adopted by the American Society of Mechanical Engineers, known as the A. S. M. E. Boiler Code.

### Ratings

The rated capacity of Kewanee Boilers, as shown, is the number of square feet

of direct radiation or equivalent which the boiler will carry, if sufficient radiation is installed to heat the building to 70 degrees Fahrenheit.

The ratings are based on a standard for steam of 2 lb. pressure at the boiler, and for water on a mean temperature of 180 deg. Fahr. as the water leaves the boiler.