

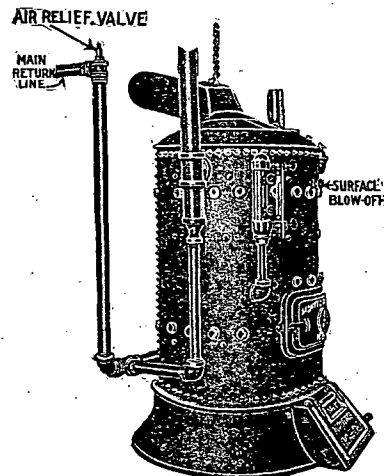
Monitor Bi-Loop Radiator Co.

Lancaster, Pa.

Sales Department: Finance Building, Philadelphia, Pa.

Branch Offices in Principal Cities

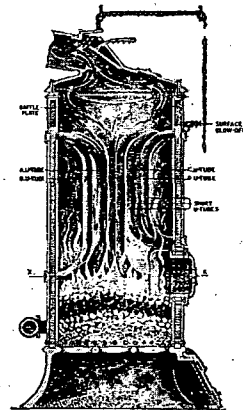
Monitor "U" Tube Boilers, Monitor Bi-Loop Radiators, Steam Water Heaters,
Bi-Loop Main Line Vent Valves



No. 64.

Monitor "U" Tube Boilers are constructed of steel, in accordance with A. S. M. E. Boiler Code. They are highly efficient due to the construction of the heating surface, which is nearly all direct, there being no place for soot or fine ash to accumulate and retard transmission of heat. Constructed for any working pressure and suitable for steam and hot water heating, domestic hot water and for producing steam for dairies, bakeries, candy factories, dyeing establishments, hotel and restaurant kitchens, etc.

We will be glad to send descriptive literature upon request, if further information or data are desired.



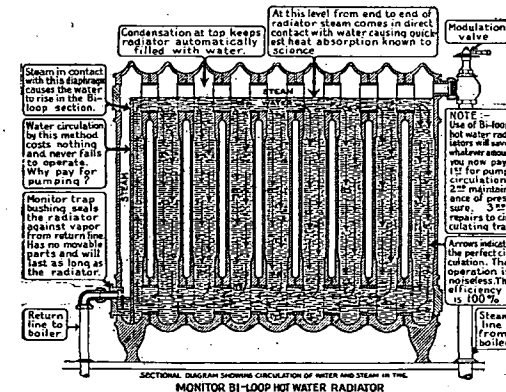
Monitor "U" Tube Boilers

Boiler Number	Grate Area	Steam Rating Sq. Feet	Water Rating Sq. Feet
17	1.6	400	640
20-1	2.2	500	800
2	2.2	600	960
23-1	2.9	700	1120
2	2.9	800	1280
25-1	3.7	900	1340
2	3.7	1000	1600
28-1	4.3	1150	1840
2	4.3	1300	2080
31-1	5.3	1500	2400
2	5.3	1800	2880
3	5.3	2150	3440
35-1	6.7	2500	4000
2	6.7	3000	4800
3	6.7	3500	5600
40-1	8.8	4000	6400
2	8.8	4750	7600
40-01	10.75	5600	8960
40-02	13.44	7000	11200
48-01	16.32	8500	13600
48-02	19.02	10000	16000

WATER HEATER RATINGS

Boiler No.	Grate Area	Temperature Rise 25	30	40	50	60	70	80	100	120	150
17	1.6	480	400	300	240	200	170	150	120	100	80
20-1	2.2	640	490	400	320	245	225	200	160	125	100
2	2.2	695	577	433	347	288	247	216	173	145	115
23-1	2.9	827	688	517	413	344	295	258	206	172	137
2	2.9	958	797	600	479	398	342	300	240	199	160
25-1	3.7	1056	878	660	528	439	376	330	264	220	175
2	3.7	1167	971	729	583	485	416	364	291	242	195
28-1	4.3	1356	1128	847	678	564	484	423	339	282	226
2	4.3	1550	1288	968	775	644	553	484	387	322	258
31-1	5.3	1751	1457	1094	875	728	625	544	437	364	292
2	5.3	2064	1720	1290	1032	860	738	645	516	430	344
3	5.3	2472	2056	1542	1236	1028	880	771	618	514	412
35-1	6.7	2916	2428	1821	1458	1214	1041	910	729	607	486
2	6.7	3522	2932	2199	1761	1466	1256	1099	880	733	587
3	6.7	4026	3352	2514	2013	1671	1436	1307	1006	838	671
40-1	8.8	4626	3852	2789	2313	1926	1650	1394	1156	963	771
2	8.8	5544	4620	3465	2772	2310	1981	1732	1386	1155	924

Monitor Bi-Loop Hot Water Radiators are partly filled with water which is heated by steam within the radiator, thereby eliminating the large volume of water to be circulated in the direct hot water system, and eliminating 95% of the air that is found in a steam or vapor radiator. They are constructed of cast iron having same heating surface as any standard make of radiator; the end section has a diaphragm which acts as a dividing line between the water and steam; it also acts as a transmitting medium to circulate the water in the radiator.



Monitor Bi-Loop Radiators are assembled in any standard units and will transmit approximately 200 B. T. U. per sq. ft. of surface.

We will gladly send catalogue describing the system more fully.