

Boilers and Radiators

Handon Boiler Corporation

Foundry
POUGHKEEPSIE
N. Y.

General Sales Office
101 PARK AVE.,
NEW YORK

HANDON

Steam and Hot Water
Boilers

Tank Heaters and
Radiators

Handon Boilers are made of high-grade charcoal iron which produces a casting of very high tensile strength. They are carefully tested with hydraulic pressure before leaving our works, and are guaranteed only to the extent of our furnishing new castings for any found defective in manufacture.

The greatest amount of prime heating surface is brought in contact with the direct rays of the fire by the formation of the Firepot, with its many Radial Arms and its extraordinarily Deep Coal Carrying Capacity. The walls are corrugated throughout thus increasing the heating surface, as well as materially aiding combustion.

The rated capacities shown here are made conservatively and in accordance with accepted standards. The steam ratings are based on a standard of 2 lb. pressure at boiler. Water ratings are based on a standard of 180 deg. Fahr. as water leaves heater.

Trimings furnished with steam heaters consist of Steam Gage with cock and syphon, Safety Valve, Water Column, Water Gage and Cocks, Automatic Damper Regulator and Chain, and necessary pipe and fittings to connect same with heater.

SPECIFICATIONS Handon Steam Boilers

No.	Rating	Actual Dia. Grate —Grate and Firepot in. in.	Size of Smoke Pipe in.	Inlets and Outlets in.	Grate Area Sq. Ft.	Water Line in.
1753	350	17 1/4	7	2-2	1.62	40 1/4
1754	400	17 1/4	7	2-2	1.62	45
1755	425	17 1/4	7	2-2	1.62	49 1/4
1953	425	19 1/4	7	2-2 1/2	2.02	41
1954	475	19 1/4	7	2-2 1/2	2.02	45 1/4
1955	500	19 1/4	7	2-2 1/2	2.02	50 1/4
2253	550	22 1/4	8	2-3	2.70	42 1/2
2254	625	22 1/4	8	2-3	2.70	47 1/4
2255	700	22 1/4	8	2-3	2.70	53
2553	750	25 1/4	9	2-3	3.48	45 1/2
2554	825	25 1/4	9	2-3	3.48	51 1/2
2555	925	25 1/4	9	2-3	3.48	57 1/2

Handon Hot Water Boilers

No.	Rating	Actual Dia. Grate —Grate and Firepot in. in.	Size of Smoke Pipe in.	Inlets and Outlets in.	Grate Area Sq. Ft.	Water Line in.
17W3	550	17 1/4	7	2-2	1.62	.....
17W4	625	17 1/4	7	2-2	1.62	.....
17W5	700	17 1/4	7	2-2	1.62	.....
19W3	625	19 1/4	7	2-2 1/2	2.02	.....
19W4	750	19 1/4	7	2-2 1/2	2.02	.....
19W5	825	19 1/4	7	2-2 1/2	2.02	.....
22W3	925	22 1/4	8	2-3	2.70	.....
22W4	1050	22 1/4	8	2-3	2.70	.....
22W5	1175	22 1/4	8	2-3	2.70	.....
25W3	1250	25 1/4	9	2-3	3.48	.....
25W4	1375	25 1/4	9	2-3	3.48	.....
25W5	1500	25 1/4	9	2-3	3.48	.....

All Boilers are equipped with Triangular Grates.



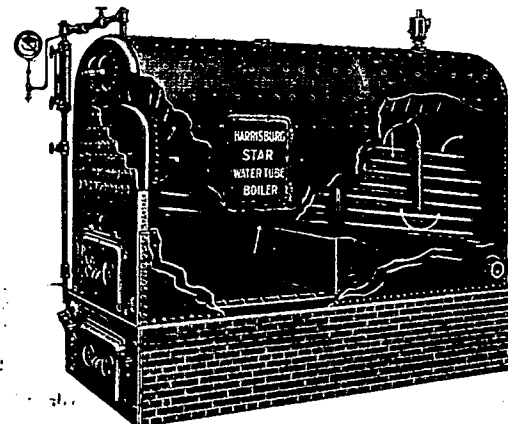
Handon Steam Boiler

Boilers

Harrisburg Star Boiler Corporation

15 PARK ROW - NEW YORK

LOW PRESSURE HEATING BOILERS



Steel bases and water bridge walls are furnished as regular equipment for boilers up to and including No. 715 boilers. No brick work required.

Brick bases and bridge walls must be furnished by customers for boilers No. 716 and larger. Front and rear base plates with necessary doors are furnished as regular equipment. Prices for steel bases will be quoted on application.

Regular trimmings include steam gage, water column, safety valve or valves, and shaking grates. Regular firing tools include hoe, poker, slice bar, cleaning nozzle and wire brushes for cleaning inside and outside of tubes.

Catalogue No.	Capacity Steam Sq. Ft.	Water Evapora- tion, Lbs.	Heating Surface Sq. Ft.	Horse Power	Grate Area Sq. Ft.	DIMENSIONS *					Base Height Inches	Steam Outlet Inches	Return Open- ings, Inches	Flue Con- nection, Outside Inches	Stack Diameter Required		Brick Required		Cover Sq. Ft.	Weight Approx., Lbs.
						Total Length	Total Width	Total Height	Water Line	One Boiler					Two Boilers	Red	Fire			
705	3450	862.5	250	25	10.6	84 1/4	42 1/2	69	58 1/4	12	5	2-2 1/2	13x22	18	24	None	77	5500		
706	4150	1035	300	30	12.1	99 1/4	42 1/2	69	58 1/4	12	6	2-3	13x28	28	25	"	91	6000		
707	5000	1242	360	36	14.8	99 1/4	51 1/2	72 1/2	60	12	6	2-3	13x31	20	27	"	99	6900		
708	5800	1449	420	42	14.8	109 1/4	51 1/2	76	63 1/4	12	7	2-3	13x31	21	29	"	103	7400		
709	6900	1725	500	50	18.3	109 1/4	55 1/2	77 1/2	65 1/2	12	7	2-3	13x38	23	31	"	118	8300		
710	8300	2070	600	60	20.3	129 1/4	55 1/2	77 1/2	65 1/2	12	7	2-3	13x42	25	33	"	141	9300		
711	9000	2242.5	650	65	21.8	129 1/4	59 1/2	83 1/4	69	15	8	2-3 1/2	16x36	25	34	"	146	9900		
712	9700	2415	700	70	24.0	139 1/4	59 1/2	83 1/4	69	15	8	2-3 1/2	16x39	26	35	"	160	10400		
713	10400	2587.5	750	75	26.2	149 1/4	59 1/2	83 1/4	69	15	8	2-3 1/2	16x43	26	36	"	171	11925		
713A	11000	2760	800	80	26.2	139 1/4	59 1/2	86 1/4	72 1/2	15	8	2-3 1/2	19x36	27	36	"	167	11500		
714	11700	2932.5	850	85	28.3	149 1/4	59 1/2	86 1/4	72 1/2	15	8	2-3 1/2	19x39	28	37	"	178	12165		
715	12400	3105	900	90	30.5	157 1/4	59 1/2	86 1/4	72 1/2	15	8	2-4	19x42	29	38	"	202	12400		
716	13800	3450	1000	100	31.8	141 1/4	70 1/2	94 1/4	76 1/4	15	8	2-4	19x43	30	40	805	50	188	14400	
717	15200	3795	1100	110	34.4	154 1/4	70 1/2	94 1/4	76 1/4	15	8	2-4	19x47	31	42	850	50	206	15400	
718	17300	4312.5	1250	125	37.0	175 1/4	70 1/2	94 1/4	76 1/4	15	10	2-4	19x50	32	43	915	50	234	16800	
719	18600	4657.5	1350	135	41.3	149 1/4	89 1/2	109 1/4	82 1/4	18	10	2-4	21x61	33	44	1070	75	244	19800	
720	20700	5175	1500	150	44.7	165 1/4	89 1/2	109 1/4	82 1/4	18	10	2-5	21x61	34	46	1160	75	260	22150	
721	24200	6037.5	1750	175	51.0	192 1/4	89 1/2	109 1/4	82 1/4	18	12	2-5	21x61	36	48	1260	75	304	24250	
722	27600	6900	2000	200	55.4	169	102 1/2	122 1/4	90	18	12	2-6	21x66	37	51	1275	90	304	30250	
723	31600	7762.5	2250	225	55.4	169	102 1/2	126 1/4	94	18	12	2-6	21x66	37	52	1275	90	312	32550	
724	35000	8625	2500	250	59.4	189	102 1/2	126 1/4	94	18	12	2-6	21x71	39	54	1350	90	351	34750	
725	42000	10350	3000	300	63.3	206	102 1/2	130 1/4	98	18	12	2-6	21x76	40	60	1425	100	394	35650	

* Note low water lines.