

Manufacturers of Capitol Boilers and United States Radiators

* BOSTON, MASS.	* BROOKLYN, N. Y.	* CINCINNATI, OHIO	* KANSAS CITY, MO.
* CAMBRIDGE, MASS.	* HARRISON, N. J.	* DETROIT, MICH.	* ST. LOUIS, MO.
* PORTLAND, ME.	* PHILADELPHIA, PA.	* CHICAGO, ILL.	* DES MOINES, IOWA
* SPRINGFIELD, MASS.	* BALTIMORE, MD.	* MILWAUKEE, WIS.	* OMAHA, NEB.
* PROVIDENCE, R. I.	* BUFFALO, N. Y.	* INDIANAPOLIS, IND.	* DENVER, COLO.
* NEW HAVEN, CONN.	* ROCHESTER, N. Y.	* LOUISVILLE, KY.	* PORTLAND, ORE.
* NEW YORK, N. Y.	* PITTSBURGH, PA.	* BIRMINGHAM, ALA.	* ST. PAUL, MINN.
* NEW YORK, N. Y.	* CLEVELAND, OHIO		* SAN FRANCISCO, CALIF.
* NEW ROCHELLE, N. Y.	* COLUMBUS, OHIO		* LOS ANGELES, CALIF.

*Assembling Plants located at points indicated by asterisk

Manufacturing Plants Located in Following Cities

CORRY, PA.; DETROIT, MICH.; DUNKIRK, N. Y.; EDWARDSVILLE, ILL.; GENEVA, N. Y.; WEST NEWTON, PA.

GUARANTEE

The UNITED STATES RADIATOR CORPORATION will give with each Capitol Boiler sold, an absolute guarantee in writing that it will properly heat its full published amount of direct cast iron radiation provided only that the boiler is connected to a correctly installed system and that the recognized standard requirements are followed. Should any Capitol Boiler not meet these conditions, the additional capacity necessary will be supplied without charge by the UNITED STATES RADIATOR CORPORATION.

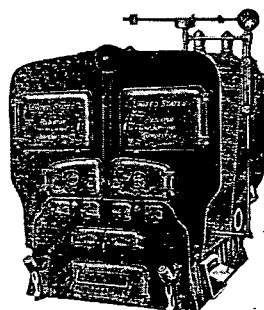
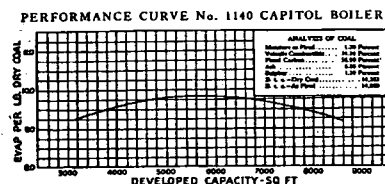
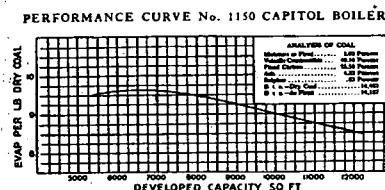
Capitol Dependable Smokeless Boilers

"Smokeless" simply means complete combustion. And all of the carbon which forms smoke cannot be burned without the correct amount of air, oxygen.

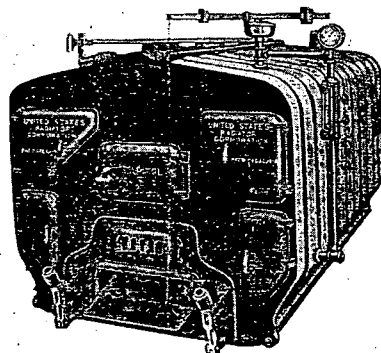
The auxiliary inlets that supply air for complete combustion in Capitol Smokeless Boilers are not dependent upon the skill, guesswork or memory of the fireman.

Their size for each boiler rating is definitely determined in the Capitol Testing Laboratory and permanently fixed at the factory. They need no adjusting. The intensity of the fire itself governs the amount of air drawn in. To further assure accuracy, every Capitol auxiliary inlet is always an integral part of a single boiler section and is never placed between two sections where faulty assembly will cause a variance.

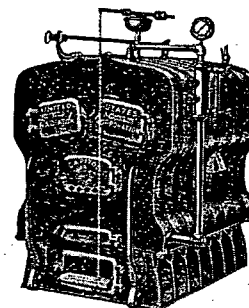
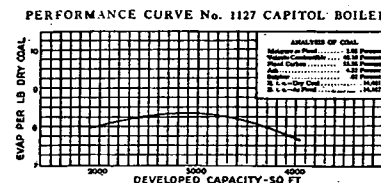
The efficiency of Capitol Smokeless Boilers is shown strikingly by the typical performance curves on these pages. These charts are based on many individual tests and the ratings are fixed conservatively. Notice the high volatile coal used for these tests.



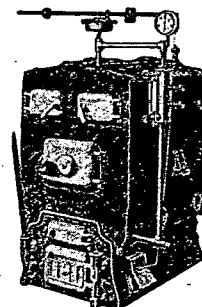
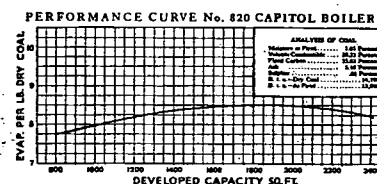
No. 1150 Camitol Smokeless Boiler



No. 1140 Capitol Smokeless Boiler



No. 827 Capitol Smokeless Boiler



No. 720 Capitol Smokeless Boiler

Capitol Smokeless Boilers

RADIATOR LOADS AND DIMENSIONS

Boiler No.	*Direct Cast Iron Radiator Loads, Sq. Ft.		Height of Water Line, Inches	Grate Area Sq. Ft.	Coal Capacity, Cu. Ft.	Outlets and Inlets	Min. Chimney Sizes	
	Steam	Water					Height Feet	Dimensions Inches
750	4700	7755	66	18.29	29.67	3-5"	55	24 x 24
850	5350	8825	66	21.33	34.68	4-5"	60	24 x 24
950	5850	9655	66	21.33	34.68	4-5"	65	24 x 24
1050	6500	10725	66	24.37	39.69	5-7"	70	24 x 28
1150	7000	11550	66	24.37	39.69	6-5"	80	28 x 28
1250	7650	12620	66	27.41	44.71	6-5"	90	28 x 32
1350	8150	13450	66	27.41	44.71	6-5"	95	32 x 32

*See Guaranteed Heating.

Height including trimmings 92 in.; width 82 in.
Specify if back or top outlet smokehood is required.

740	2500	4125	49	8.15	10.40	2-5*	50	18 x 18
840	3000	4950	49	10.31	13.30	2-5*	55	18 x 20
940	3500	5775	49	10.31	13.30	2-5*	60	20 x 20
1040	4000	6600	49	12.47	16.30	3-5*	65	20 x 24
1140	4500	7425	49	14.63	19.25	3-5*	70	24 x 24
1240	4900	8085	49	14.63	19.25	3-5*	70	24 x 28
1340	5400	8910	49	16.79	22.20	3-5*	75	24 x 28

Height including trimmings 71 in.; width 75 in.

Equipped with combination top and back outlet smoke-hood

627	1000	1650	45 $\frac{1}{2}$	5.32	7.93	2-4"	40	12 x 12
727	1225	2020	45 $\frac{1}{2}$	6.55	9.75	2-4"	40	12 x 12
827	1450	2390	45 $\frac{1}{2}$	7.78	11.37	3-4"	45	12 x 12
927	1675	2760	45 $\frac{1}{2}$	9.01	13.09	3-4"	45	12 x 16
1027	1900	3135	45 $\frac{1}{2}$	10.24	14.81	3-4"	45	12 x 16
1127	2125	3505	45 $\frac{1}{2}$	11.47	16.53	3-4"	50	12 x 16
1227	2350	3875	45 $\frac{1}{2}$	12.70	18.25	4-4"	50	12 x 16

Height including trimmings 68½ in.; width 50¾ in.
Specify if back or top outlet smokehood is required.

520	600	990	46 1/2	3.48	4.32	2-3"	40	12 x 12
620	800	1320	46 1/2	4.37	5.42	2-3"	40	12 x 12
720	1000	1650	46 1/2	5.26	6.52	3-3"	40	12 x 16
820	1200	1980	46 1/2	6.15	7.62	3-3"	45	12 x 16

Height including trimmings 66½ in.; width 45 in.
Specify if back or top outlet smookhood is required.