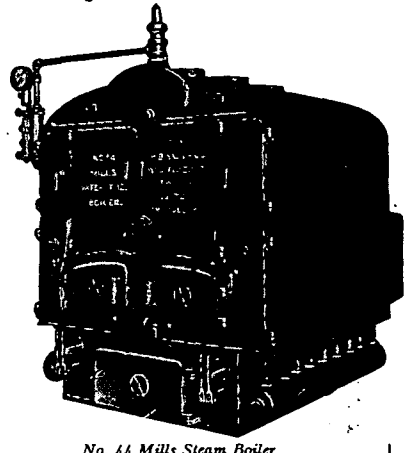
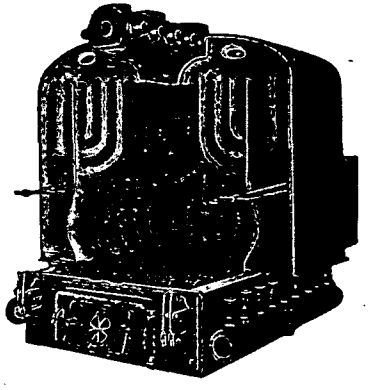
Mills Water Tube Steam and Water Boilers

Sectional cast iron boilers which are moderate in first cost, low maintenance and extremely economical in fuel. Sectional view shows large combustion chamber and vertical waterways of small area. The latter absorb the heat quickly, circulate the water rapidly and make dry steam. May be fired with anthracite coal, wood, coke, oil or fuel gas.



No. 44 Mills Steam Boiler



No. 44 Mills Boiler—Interior

Size of Boiler	Nominal Width Fire Pot Inches	Commercial Rating—Cap. in Sq. Ft.	
		Steam	Water
No. 24	24	700 to 2025	1175 to 3350
No. 34	34	2000 to 5200	3300 to 8575
No. 44	44	3600 to 9000	5950 to 14,850

H-B Steam and Water Boilers

H-B Boilers have three waterways between sections. They are the only boilers in which ascending and descending currents of water are circulated through separate connections, giving a steady water line and rapid circulation without back pressure.



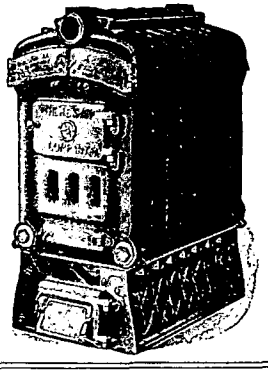
Commercial Ratings

Diam. of Fire Pot Inches	Steam Rating Feet	Water Rating Feet
15 to 27	250 to 1000	425 to 1650

17 Hy-Test Boiler

For Hot Water Supply
A. S. M. E. Standard

Maximum allowable working pressure, 120 lb. Open Tank; 80 lb. Closed Tank.



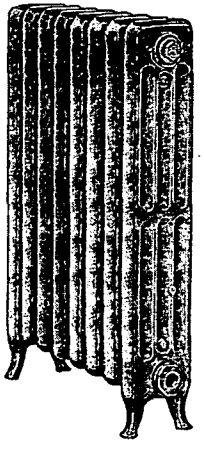
Max. Allowable Working Pressure

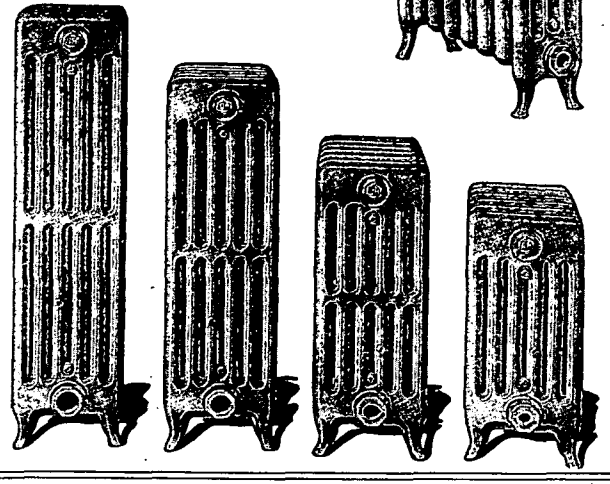
Steam	Water (Open Tank)	Water (Closed Tank)
15 lb.	30 lb.	15 lb.
15 lb.	30 lb.	15 lb.
15 lb.	30 lb.	15 lb.
15 lb.	60 lb.	30 lb.

Smith "144" Full Surface Radiators

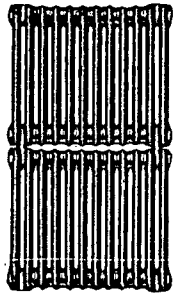
Efficiency plus New Beauty characterize this product. "144" is an attractive design to harmonize with modern ideas of interior decoration. The H. B. Smith "144" is a Full Surface Radiator. Every foot of rated surface contains 144 sq. in. of radiator surface.

Style	Height In.	Sq. Ft. per Section
Three Tube Steam or Water	37	3
	32	2½
	25	2
	21	1½
Four Tube Steam or Water	37	4
	32	3⅓
	25	2½
	21	2
Six Tube Steam or Water	37	6
	32	5
	25	3¾
	21	3
	14	2





Princess Wall Radiators



Suited for all places where direct radiators or pipe coils cannot be used. Especially desirable in locations where floor space is valuable and where wall, column or ceiling space is more available. They possess extreme flexibility of size and arrangement. Made in two heights, 15 and 22 in. Can be furnished with heating surfaces from 5 sq. ft. up, in multiples of 2½ sq. ft. Corresponding lengths in 22 in. radiators are from 9 in. up, in multiples of 4 in. (1 in. allowed in over all length for plugs and bushings). In the 15 in. radiator, corresponding lengths are from 13 in. up, in multiples of 6 in. By combinations of the two heights, these radiators can be arranged in tiers, either for horizontal runs or for column work. Hung horizontally, they make excellent ceiling radiators.