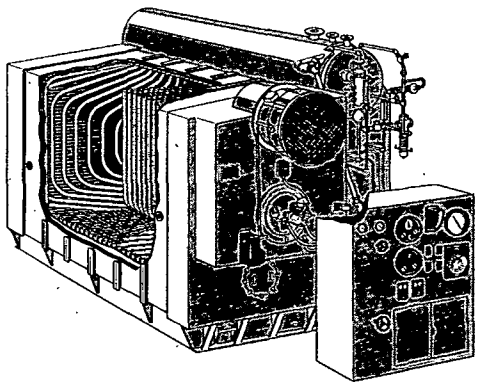
The Babcock & Wilcox Co.

85 Liberty Street, **New York 6, N. Y.**

Offices in All Principal Cities

Water-tube Boilers for Stationary Power Plants, and Marine Services. . .Superheaters. . .Economizers. . .Air Heaters. . .Pulverized Coal Equipment. . .Chain Grate Stokers. . .Oil, Gas, and Multifuel Burners. . .Seamless and Welded Tubing and Piping. . .Refractories. . .Process Equipment.



B & W INTEGRAL FURNACE BOILER, TYPE FM

Complete Shop-Assembled Steam Plant

This compact, self-contained unit combines all the desirable advantages of "packaged" steam plants with the service-proved economy and dependability of larger B&W Integral-Furnace water-tube boilers that have been heavy favorites for years among power companies and all kinds of industrial plants.

The Type FM unit is expressly designed for small and medium sized plants, institutions, and buildings faced with problems of skilled operating labor, excessive fuel consumption, and costly maintenance. Even large operators may find their steam-load characteristics better suited to a battery of these smaller, shop-assembled units than to a single tailor-made installation of the same aggregate capacity.

The Type FM boiler is available in standardized sizes for steam requirements of 2800 to 25,000 lb per hr at pressures up to 275 psi. It is unusually sensitive to load changes; is fast-steaming; features automatic push-button operation with special provisions for safety; is suitable for outdoor as well as indoor installations with gas and/or oil firing.

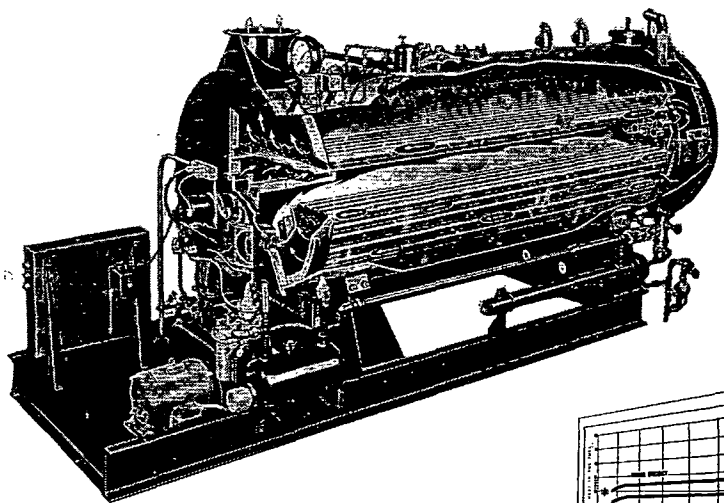
Cleaver-Brooks Company

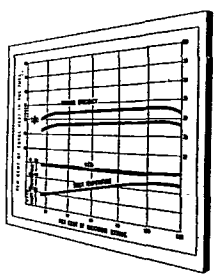
465 E. Keefe Ave., **Milwaukee 12, Wisconsin**

Cleaver-Brooks Steam Boilers—Self-Contained, Gas Fired. Complete 15 to 500-hp, Oil Fired. Factory Tested 15 to 250 lb psi, Oil & Gas Fired.

	STANDARD SIZES											
HP	15	30	50	80	100	125	150	200	250	300	350	400	500
Approx. rated capacity Lbs. Steam Per Hour 212°F.	515	1050	1725	2760	3450	4300	5200	6900	8600	10500	12000	13800	17000

BURN OIL. BURN GAS. BURN OIL & GAS WITH EQUAL EFFICIENCY. Diagrammatic illustration in cross section representative of the Four-Pass design found in Cleaver-Brooks models. The outstanding feature of the Cleaver-Brooks steam boiler is its proven high efficiency. Economy of operation is assured by establishing an efficient flame and then absorbing the maximum amount of heat in the four passes.





CLEAVER-BROOKS HELPS YOU SELECT THE EXACT STEAM BOILER YOU WANT TO MEET YOUR SPECIFIC NEEDS

JOB RATED—Each Cleaver-Brooks steam boiler is job rated to meet the steam requirements of your plant. A competent sales engineer helps analyze your load demands and takes into account these conditions:

• Maximum steam requirements in pounds per hour or boiler horse-power. • Whether your steam load is constant or fluctuating, and the degree of fluctuation. • The heating load requirements. • Standby requirements. • Steam pressure required at point of use. • Future growth or expansion of plant facilities. • Pop valve settings. • Per cent of total feed water returned as condensate. • Temperature of condensate. • Pressure of make-up water. • Type of fuel available. • Electric current characteristics. • Space and machinery arrangement. Suggested boiler room layouts. • Plant altitude above sea level.

Look for the "CLEAVER-BROOKS" listing under the boiler Section of your classified Telephone Directory.