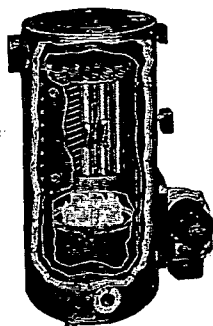




Aldrich Company

121 E. Williams St., Wyoming, Illinois



Series "D"
Boiler Burner

Boiler-Burner Units, Hot Water Heaters, Domestic and Commercial Oil Burners

The Aldrich line of vertical firetube steel boiler-burner units are ASME constructed and stamped, SBI rated and listed in rating book of *Mechanical Contractors Association*. The Series "D" units are available in twelve sizes for hot water heating, steam heating and hot water supply—oil or gas fired. Boiler shipped with round jacket, insulation, flue baffles, combustion chamber and tankless coil (if required) factory installed. Burner, trim and controls packed in carton. The Aldrich Series "C"—Gulf Stream boilers are available in five sizes from 495 to 1260 sq ft water for hot water heating and hot water supply—oil or gas fired. The packaged units are furnished completely erected, pre-wired with equipment installed. Units are compact, efficient and economical in operation.

Aldrich ASME boilers furnished as high delivery hot water heaters are ideal for large residences, motels, institutions, swimming pools, barracks and commercial applications where large quantities of hot water are required. Available in two types—direct heating galvanized storage (HSG) and indirect submerged coil (ID) with same ratings and either oil or gas fired. Available in wide range of sizes with outputs from 118 to 1296 gph at 100 deg rise.

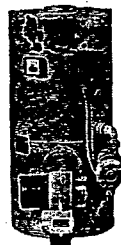
The Model E oil burner (0.5–4.0 gph) is available for domestic use and Model DX (4.5–10.0 gph) and JU (8.0–19.0 gph) for commercial applications.

SERIES "D" BOILER-BURNER SPECIFICATIONS

Boiler No.	D-120	D-150	D-220	D-280	D-360	D-450	D-530	D-610	D-730	D-890	D-900	D-1000
Net Rating SBI Steam Sq Ft.	360	450	620	790	1010	1240	1460	1690	2020	2480	2930	3380
Net Rating SBI Water Sq Ft.	580	720	995	1260	1620	1980	2340	2700	3240	3960	4680	5400
Net Rating SBI Steam Btu/hr or Water	87000	108000	149000	189000	243000	297000	351000	405000	486000	594000	702000	810000
Gross Output—Btu/hr	115000	144000	198000	252000	324000	396000	468000	540000	648000	792000	936000	1080000
Gross Input—Gas—Btu/hr	144000	180000	248000	315000	405000	495000	585000	675000	810000	990000	1148000	1350000
Firing Rate—Oil—gph	1.1	1.35	2.0	2.5	3.0	3.7	4.3	5.0	6.0	7.3	8.2	10.0
Tankless Coil Output—gpm	3½	4	4	4	5	5	6	6	8	8	—	—
Hot Water Heater (HSG) Output gph @ 100° Rise (40°–140°F)	135	170	235	300	385	475	560	645	775	950	1120	1296
Storage Capacity—Boiler Gal.	28	41	65	73	94	98	110	125	150	170	178	250
Heating Surface—Sq Ft.	19	24	32	41	53	65	77	88	106	129	153	177
Number of Flue Tubes	16	20	24	30	34	42	52	60	71	92	106	140

SERIES "C"—GULF STREAM SPECIFICATIONS

Boiler No.	C-10	C-12	C-14	C-20	C-25
Net Rating SBI Water Sq Ft.	495	580	720	995	1260
Net Rating SBI Btu/hr	74000	87000	108000	149000	189000
Gross Output Btu/hr	99000	115000	144000	198000	252000
Gross Input—Gas—Btu/hr	120000	132000	165000	250000	320000
Firing Rate—Oil—gph	1.0	1.1	1.35	2.0	2.5
Tankless Coil Output—gpm	3	3	3	4	4
Hot Water Heater (HSG) Output GPH @ 100° Rise (40°–140°F)	118	135	170	235	300
Storage Capacity—Boiler—Gallons	19	23	29	31	39
Heating Surface—Sq Ft.	16	19	24	32	41
Number of Flue Tubes	20	20	20	32	32



Gulf Stream Package

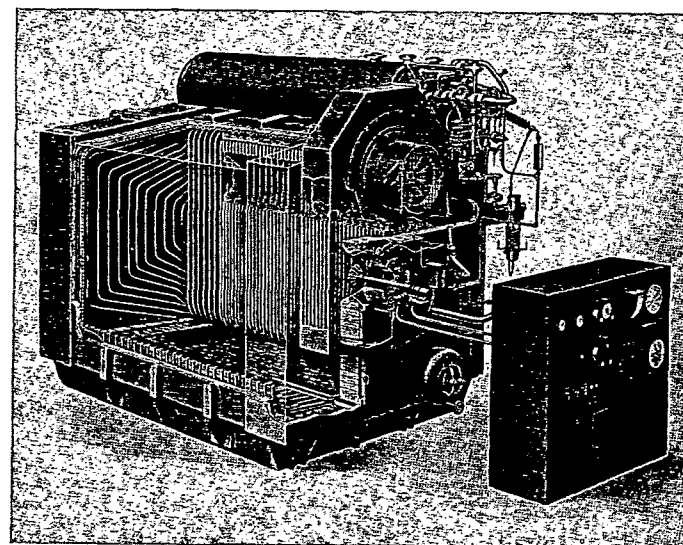
The Babcock & Wilcox Co.

161 East 42nd Street, New York 17, 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 Pipe ... Refractories ... Process Equipment.



B&W INTEGRAL-FURNACE® BOILER, TYPE FM

Shop-Assembled Steam Generator

B&W Type FM Boiler combines the benefits of package steam with cost-saving big-boiler advantages. This compact self-contained unit has been widely applied to heating services in hospitals, schools, colleges, and other buildings. It has also gained wide acceptance throughout a broad range of industries—supplying steam for combination services.

The Type FM Boiler is particularly suitable for small- and medium-sized plants where excessive fuel consumption and costly maintenance are often serious problems. And, even for some larger steam requirements, multiple-unit Type FM installations have proved more flexible in operation and more economical than one or more large boilers requiring costly field

erection and close operating supervision. A large part of the total FM capacity now in service or on order consists of multiple-unit installations.

The Type FM Boiler is fast steaming and features automatic operation with special safety provisions. It quickly responds to load changes and operates at high efficiency over the load range. This versatile unit burns gas and/or oil, separately or in combination, with quick and easy changeover accomplished at the control panel.

The Type FM Boiler is available in standard and modified designs for loads ranging from 5,000 to 50,000 pounds of steam per hour at pressures up to 750 psi. Many FM units are in service with moderate superheat. Details are given in Bulletin G-76—copies sent on request.