

THE BABCOCK & WILCOX COMPANY

85 Liberty Street

Manufacturers of

New York, N. Y.

Water-Tube Boilers

Oil Burners



Chain-Grate Stokers

Seamless Steel Tubing and Pipe

Branch Offices and Representatives in all Principal Cities

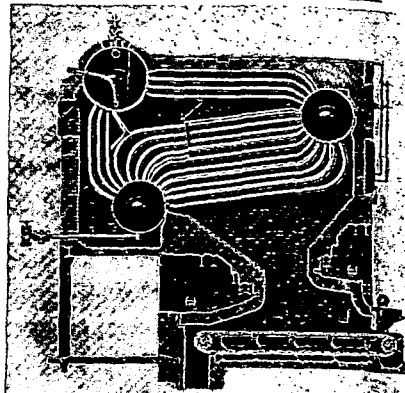
Type H Stirling Boiler

The Babcock & Wilcox Type H Stirling Boiler is a highly efficient unit built for moderate pressures at moderate prices. . . . and is designed to occupy minimum floor space and head room for the heating surface required.

This boiler is built in four classes and 36 sizes ranging from 691 to 6225 sq ft of heating surface, and can be designed for operation with any fuel and every method of firing.

The moderate price is due only to the simplicity of design, efficient production methods and superior shop equipment.

Class	Heating Surface Sq. Ft.	Depth of Setting Ft. In.	Width of Setting		Floor to Center of Mud Drum, Ft. In.	Floor to Face of Steam Outlet, Ft. In.	Floor to Top of Boiler, Ft. In.	Size of Steam Outlet, In.
			Single Boiler, Ft. In.	Two Boilers in Battery Ft. In.				
H-1	691	15-2	6-0	11-0	5-2	14-5 1/2	13-3 1/8	5
	921	"	7-0	13-0	"	"	"	"
	1152	"	8-0	15-0	"	"	"	"
	1382	"	9-0	17-0	"	"	"	"
	1612	"	10-0	19-0	"	"	"	"
	1843	"	11-0	21-0	"	"	"	"
H-2	2073	"	12-0	23-0	"	"	"	"
	2304	"	13-0	25-0	"	"	"	"
	2777	17-8	6-0	11-0	4-9 3/4	14-5 1/2	13-3 1/8	5
	3169	"	7-0	13-0	"	"	"	"
	3621	"	8-0	15-0	"	"	"	"
	4046	"	9-0	17-0	"	"	"	"
H-3	4462	"	10-0	19-0	"	"	"	"
	4909	"	11-0	21-0	"	"	"	"
	5339	"	12-0	23-0	"	"	"	"
	5791	"	13-0	25-0	"	"	"	"
	6252	"	14-0	27-0	"	"	"	6
	6735	"	15-0	29-0	"	"	"	6
H-4	7245	22-8	6-0	11-0	4-11 1/4	14-11 1/4	13-3 1/8	5
	7800	"	7-0	13-0	"	"	"	"
	8375	"	8-0	15-0	"	"	"	"
	8970	"	9-0	17-0	"	"	"	"
	9585	"	10-0	19-0	"	"	"	"
	10220	"	11-0	21-0	"	"	"	"



Type H Stirling Boiler with Babcock & Wilcox
Chain-Grate Stoker

The advantages of the Babcock & Wilcox Type H Stirling Boiler may be summarized as follows:

Unusual steaming capacity for the floor space and head-room required.

Boilers may be set singly or in battery. Setting heights can be varied to suit any condition of firing.

The choice of three locations for gas exit reduces cost of flues and breeching.

Distribution baffles make effective all of the heating surface.

Tube renewal is facilitated by correct tube spacing, and a tube removal door.

Soot blowers can be readily installed to simplify thorough cleaning of all tubes.

A superheater can be furnished without any change in the standard design or construction.

The boiler is supported by a structural-steel framework entirely independent of the brickwork.

Ample provision is made for free movement of parts due to expansion and contraction.

A complete table of sizes and dimensions, together with pertinent installation data, is contained in a new bulletin which will be sent upon request. Simply ask for Bulletin G-8-C.

Farrar & Treffts

Incorporated

Buffalo, N. Y.

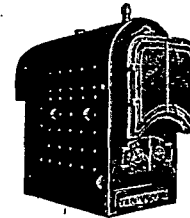
HEATING AND POWER BOILERS
Bison Compact Boilers
Bisonette Compact Boilers
Firebox Return Tubular Boilers
Firebox Locomotive Type Boilers
Scotch Marine Type Boilers
Vertical Boilers
Horizontal Return Tubular Boilers
Bison Two-Pass Return Tubular Boilers



Established 1864

STEEL PLATE CONSTRUCTION

Storage and Pressure Tanks
Receivers, Welded or Riveted
Steel Pipe, Welded or Riveted
Buoys, Welded or Riveted
Condensers and Kettles
Smokestacks and Breechings
Special Work in Stainless Steel,
Everdur, Nickel, Aluminum
or Monel Metal



The Bison Compact

The F&T Bison Compact Welded Heating Boiler is more than just another boiler. It has been designed carefully so as to have a large furnace volume, the proper volume of water, just the right amount of steam liberating surface, the correct volume for steam storage and a balanced circulation. The result is a remarkably steady water line—A Balanced Boiler.

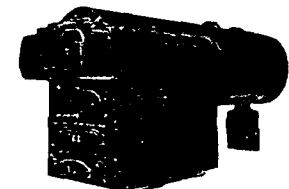
This boiler requires a minimum amount of floor space and is easy and inexpensive to install. It is reasonable as to first cost and economical in operation. Construction is in accordance with the A.S.M.E. Code for 15 lb working pressure and boilers are designed for hand firing with anthracite or bituminous coal or for mechanical firing with oil, gas or stoker. There are various sizes available from 1800 to 35,000 sq ft of steam

radiation, all ratings as required by the Steel Heating Boiler Institute.

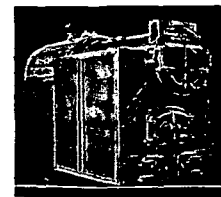
The Bisonette Compact Boiler has the same characteristics as the larger Bison Compact Boiler. It has been designed for installation in large residences and small business establishments where the advantages inherent in a Steel boiler are desired.

Firebox Return Tubular Heating Boilers are Quality Boilers. They are constructed to measure up to the high standards set by Heating Engineers and will give unfailing service under all conditions. Being economical to install and operate, they are highly favored by Architects and Engineers for heating Schools, Hospitals, etc.

There are two types of Firebox Boilers, the Up-Draft Type and the Down-Draft Type. Both types are made of welded or riveted construction for heating purposes at 15 lb working pressure and of riveted construction for power purposes at 100, 125 and 150 lb. working pressure in accordance with the A.S.M.E. Code. Sizes from 1800 to 35,000 sq ft of steam radiation, as rated by the Steel Heating Boiler Institute, are designed for hand firing with coal or for mechanical firing with oil, gas or stoker.



Firebox Return Tubular Boiler



The Bison Two-Pass

The Bison Two-Pass Return Tubular Refractory Lined Boiler is favored by many Engineers because it Eliminates Water Legs, Flat Sides and Staybolts. This boiler is dependable for long years of continuous and economical operation. It stands up under heavy loads and provides that surplus of power so often needed.

This type of boiler is made of welded construction for 15 lb working pressure and of riveted construction for 100, 125 and 150 lb working pressure in accordance with the A.S.M.E. Code. Boilers are designed for ratings from 25 to 250 hp and are inspected, tested, and stamped by a representative of a reliable insurance company before shipment.

They are furnished for hand firing with coal or for mechanical firing with oil, gas, or stoker.