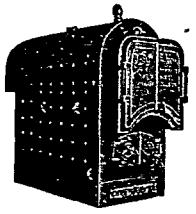
Farrar & Trefts

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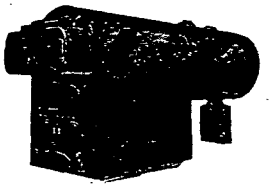


The Bison Compact Boiler Series 100 and 900

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 1,800 to 35,000 sq ft of steam radiation, all ratings as required by the *Steel Heating Boiler Institute.*

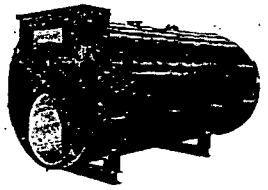
The **Bisonette Compact Boiler** has the same characteristics as the larger Bison Compact Boiler. It has been designed for installation in large residences and small business establishments where the advantages inherent in a Steel boiler are desired.



Firebox Return Tubular Boiler Series 500 and 600

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 riveted, or, Class 1 fusion welded x-rayed and stress-relieved for power purposes at 100, 125 and 150 lb working pressure in accordance with the *A.S.M.E.* Code. Sizes from 4.500 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.



Scotch Dry Back Boiler Series S-200

The **Bison Low Pressure Scotch Dry Back Boilers** are *carefully proportioned* and *balanced.* They are designed for hand, oil, gas or stoker firing, for ratings from 15 to 250 hp. These boilers operate efficiently and carry sustained overloads. The *Front Smokebox Doors Open Sideways* giving easy access to the tubes.

F & T boilers are designed so that the round furnace is always longer than the tube length which increases the furnace volume. This gives a large combustion volume in proportion to horsepower rating which makes the boilers very *economical to operate* and exceedingly *"Quick Steamers."*

"Catalogs on Request"

The International Boiler Works Company

350 Birch St., East Stroudsburg, Pa.

SALES OFFICES IN PRINCIPAL CITIES

FOR years "Fuel-Saver" Boilers Type C have met the requirements for low cost heating in office and apartment buildings, hotels, schools, theatres, industrial plants, etc.

Their design and construction makes them especially suitable for post-war heating requirements:

QUICK STEAMING

Due to rapid and positive internal water circulation.

MAXIMUM HEAT ABSORPTION

Due to effective distribution of heated gases.

EASE OF CLEANING

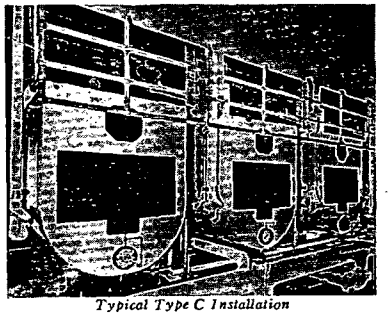
Due to accessibility of heating surfaces.

"FUEL-SAVER" Boilers have cut fuel costs in thousands of heating installations.

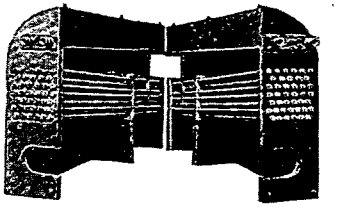
Complete range of standard sizes rated in accordance with *S.B.H.I.*–15 lb *A.S.M.E.* standard—for hand, stoker, oil or gas firing.

Type C twin section—a heating boiler in halves. For installation where Type C one piece cannot be carried through existing passages.

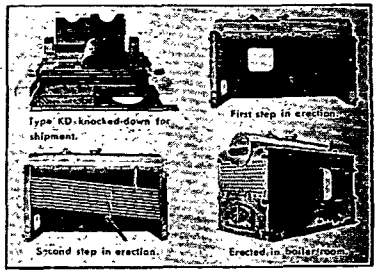
Type KD—knocked down—a heating boiler designed for shipment so that sections can be carried through a door or window. Eliminates expensive cutting or patching of building. Reduces time out when in need of steam.

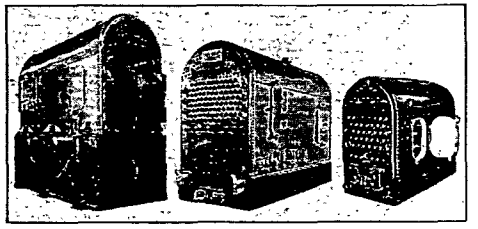


Typical Type C Installation



Halves of twin section ready for bolting





Type CR water-tube power boiler for processing and power. 100-125-150 W.S.P. *A.S.M.E.* standard.

Complete range of sizes—10 to 300 hp for hand, stoker, oil or gas firing.

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