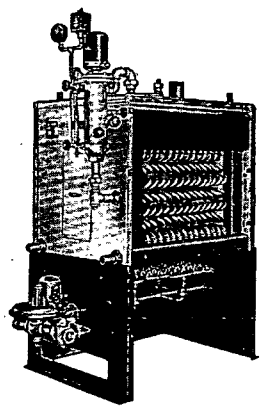
Bryan Steam Corporation

Chili Pike, Peru, Indiana

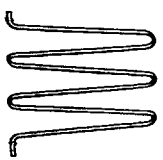
Manufacturers of

HOT WATER AND STEAM BOILERS DESIGNED EXCLUSIVELY FOR OIL OR GAS FIRING

PRODUCTS—Domestic Hot Water or Vapor Steam Boilers.
Commercial Low Pressure Heating Boilers for Hot Water or Steam
Non-explosive High Pressure Boilers up to 50 H. P.



Bryan Copper Tube Boilers are engineered expressly for oil or gas firing, where the flame is either on at full intensity or entirely off. Such combustion characteristics call for a boiler that is able to capture heat units with utmost rapidity—and able to withstand sudden expansion and contraction. Average stack temperature of the Bryan is 412 degrees.



BRYAN COPPER TUBES

The Bryan starts with copper tubes. Copper has a coefficient of heat transfer approximately 6 times that of iron or steel. Heat applied to the outside of a Bryan tube is therefore transferred to the water inside 6 times as fast.

The design of the Bryan tube is such that water circulates rapidly through all parts of the boiler. There is a veritable nest of tubes directly over the flame where heat is most intense. These tubes break up the path of heat travel, reducing "surface film" to a minimum.

A Bryan Copper Tube Boiler never explodes. The worst that can happen, is a split tube which may be replaced in a few minutes time by an inexperienced person.

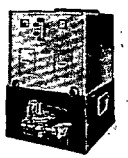


DOMESTIC BOILERS

The Bryan Domestic Boiler is available in 7 sizes for hot water radiation. 70,000 Btu's to 540,000 Btu's.

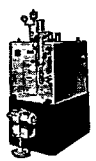
For steam radiation 5 sizes are available, 375 to 1500 sq ft of radiation.

All models come complete with built-in combustion chamber and flange mounted oil burners. In gas fired models the burner is built in.



COMMERCIAL HEATING BOILERS

Any of the domestic Bryans may be used for small offices or buildings; but they are supplemented with three additional larger capacity boilers. These boilers are rated 2250 to 4400 sq ft of steam radiation or 3600 to 7050 sq ft of hot water radiation. They are used also for supplying hot water or low pressure steam in industrial applications.



HIGH PRESSURE BOILERS

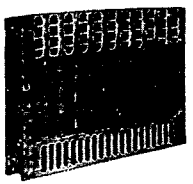
Bryan High Pressure Boilers are made in 5-10-20-35 and 50 hp ratings. Every one carries the *A.S.M.E.* stamp. They are made for high efficiency on long, hard pulls but are exceptionally useful in operations requiring fast, safe steam on short notice. Hospitals, dry cleaning plants, laundries, milk plants, tire repair shops and many others find them ideal for their operations.

Burnham Corporation

BOILERS and RADIATORS

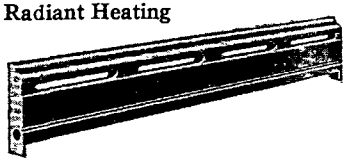
Irvington-on-Hudson, N. Y.

There's a Burnham for Every Purpose—**Catalog No. 81 Sent on Request**



Burnham Radiant Radiator—Two heights. 20 and 23 in.

BASE-RAY
Radiant Heating



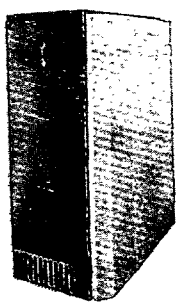
HY-POWER Model BASE-RAY—Ratings—2.08 sq ft per lineal foot. Tappings—¾ in. at bottom only of both end sections. Sections are 7 in. high, 2 in. thick and in 12 and 24 in. length. Also available in STANDARD MODEL—1.25 sq ft per lineal foot.



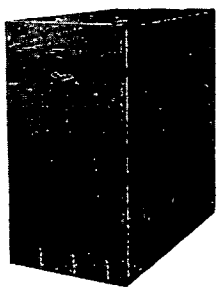
Burnham Slenderized Radiators made in three to six tubes in all heights from 19 in. to 33 in.



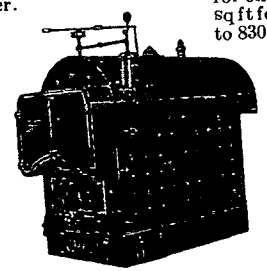
No. 1, 2, 3, and 36 in. Series—All Fuel. 230 to 4920 sq ft Steam and 370 to 7880 for Water.



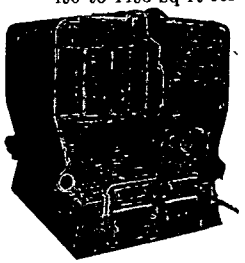
PACEMAKER Boiler for oil-firing 290 to 520 sq ft for steam and 460 to 830 sq ft for water.



YELLO-JACKET Boiler (with extended Jacket)—All Fuel Convertible. 305 to 935 sq ft for Steam and 490 to 1495 sq ft for Water.



Welded Steel Boiler—Capacities from 2500 to 35,000 sq ft for Steam and 4800 to 56,000 sq ft for Water. Furnished for coal, oil or stoker firing.



50 in. Twin-Section—4500 to 14,600 sq ft for Steam and 7200 to 23,360 sq ft for Water.