

Burnham Boiler Corporation



Irvington-on-Hudson, New York

Zanesville, Ohio

There's a Burnham for Every Purpose

Catalogs Sent on Request

1—Welded Steel Boilers—Also Three Purpose Welded Steel Boilers.
For heating, hot water supply and incineration. Coal or oil. Completely welded for 15 lb working pressure. Multiple shaking grates. Sizes for commercial or domestic uses. Special folder sent on request.

2—Water Tube Boilers for Steam and Hot Water Heating.
17, 21, 27, and 36 in. Double shaking grates, long fire travel. Steam rating to 9,050 sq ft; for water, 14,480 sq ft.

3—Water Tube Boilers Jacketed in Color.
17, 21, and 27 in. Steel Jacket and 4 ply air cell asbestos insulation. Enameled rich red and black. Jacket goes on after all other set up work. Rating to 5,000 sq ft for steam and 8,000 sq ft for water.

4—Burnham Oil-Burning Boilers.
A specific-sized boiler for each specific heat job for use with any standard oil burner. Round Sectional Burnhams in 6 series and 24 sizes. Square Burnhams in 5 series and 39 sizes. For steam, vapor, or water.

5—Big Twin Sectional Boilers.
50 in. Grate divided for easy shaking. Twin sections, divided down the middle. Ratings to 29,200 sq ft for steam, 46,720 sq ft for water.

6—Tube Type Smokeless Boilers.
Burn soft coal efficiently, without smoke. Meet smoke ordinances everywhere. Similar to (2) above with addition of smokeless feature.

7—Round Sectional Boilers.
This boiler made the long fire travel famous. Handled easily. Very large steam dome. Ratings up to 2,080 sq ft for steam 3,440 for water.

8—High Pressure Hot Water Supply Boilers.
Sectional construction. Guaranteed to 120 lb working pressure. Supplies up to 14,000 gal.

9—Dome Top Hot Water Supply Boilers.
Will keep 50 to 1500 gal tank always full of hot water. Guaranteed to 120 lb working pressure.

10—Burnham-Taco Tanks.
Combining water heater and storage tank in one unit for summer-winter use. Removable copper heating element. Tanks may be galvanized, Everdur or copper.

11—Burnham Slenderized Radiators.
Cast iron radiators that occupy 40 per cent less space than ordinary type of same rating. Shorter. Lower. Narrower. 3-tube type 3¼ in. wide. 4-tube type 4 7/16 in. wide. 5-tube type 5 11/16 in. wide. 6-tube type 6 15/16 in. wide. Can be recessed.

12—Fero Tube Radiators.
All heights—3, 4, 5, 6, and 7 tubes.

13—Burnham Air Conditioning Units.
Do double duty of both heating and winter air conditioning. Units placed in the room. Have no basement equipment. Take up no more room space than usual grille-enclosed radiator. Entirely automatically controlled.

14—Burnham Air and Vacuum Valves.
Full line for radiators, risers and mains.

15—Burnham Radiator Valves.
Complete line of heating accessories. Including steel tanks of all kinds.

16—Burnham Flexible Headers.

17—Burnham Unit Heaters.
Complete line in modern designs.

18—Burnham Fan Cooler.
Portable unit for offices, hotels, restaurants and home rooms. Also complete equipment package for attic cooling of residences.

Burnham Boiler Corporation

Manufacturers of Cast Iron and Welded Steel Boilers, Cast Iron Radiators and Heating Accessories

Irvington-on-Hudson, N. Y.

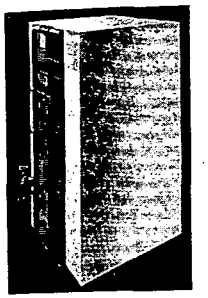
Zanesville, Ohio

Branch Offices

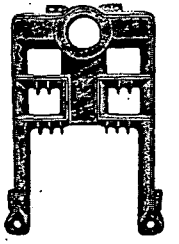
BOSTON; PHILADELPHIA; CHICAGO; QUEENS VILLAGE, L. I.; LONG ISLAND CITY, N. Y.; BALTIMORE; SPRINGFIELD; LANCASTER; PITTSBURGH; ZANESVILLE; ELIZABETH; GENEVA, N. Y.

Plants

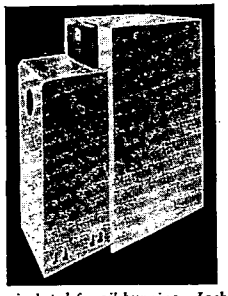
ELIZABETH, N. J.; LANCASTER, PA. ZANESVILLE, OHIO; GENEVA, N. Y.



As jacketed for burning hand fired coal or gas.



Section, showning central extension, of combustion chamber to top of boiler.



As jacketed for oil burning. Jacket extension easily removable. Its use is optional.

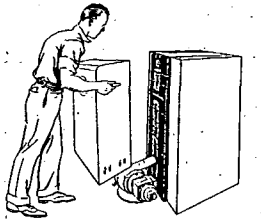
BURNHAM ALL-FUEL YELLO-JACKET BOILER

That Stings The Fuel Bill

Its outstanding economy point is the expanded combustion chamber, that extends from the bottom to the top of the boiler, while still having the Burnham basic, back and forth fire travel. The fire shine, or direct surfaces, are greatly increased. Further efficiency is secured by the adding of fins.

To prevent a too rapid rush of fire travel gases, there is a balanced down draft, that overcomes the cooling off losses, or heat lag, incident to the intermittance with automatic firing of coal, oil or gas.

The main combustion chamber has the advantage of additional height, an essential, especially with oil and stoker fired coal.



Showing how jacket extension can be easily lifted off. Handles provided for the purpose.

It is equipped with a fully bilt-in Taco hot water supply heater. You have the option of the Tankless or Storage Tank type. The jacket is a light dandelion yellow, combined with black and a touch of chromium. It has an optional removable extension for completely enclosing an oil burner. Can be easily converted from oil to coal, or the reverse.

Made in 7 sizes.

For steam: from 325 to 775 square feet.
For water: from 520 to 1240 square feet.