

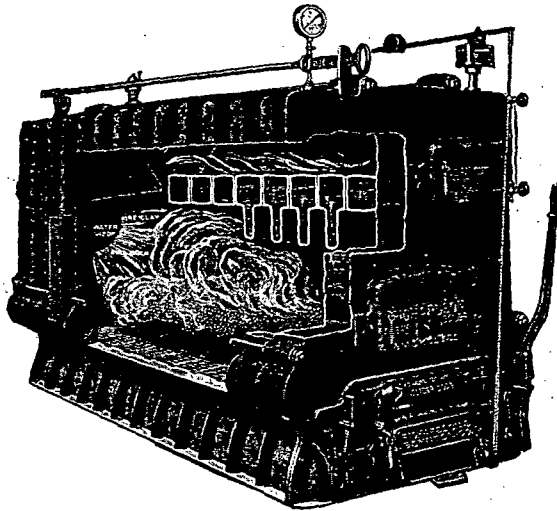
Richardson & Boynton Co.

Manufacturers of "Richardson" "Perfect" Heating and Cooking Apparatus since 1837

260 Fifth Avenue, New York City

NEW YORK UTICA NEWARK PHILADELPHIA BOSTON CHICAGO BUFFALO
MINNEAPOLIS CINCINNATI DETROIT PROVIDENCE

RICHARDSON HOT BLAST SMOKELESS BOILERS



Richardson Hot Blast Smokeless boilers are made in sectional form and can be erected at any time in old or new buildings. "Y" flue construction equalizes the circulation and assures a steady water line.

Overhanging prime heating surfaces are at the maximum, producing the highest evaporating power.

The base is made in sections, permitting enlargement of the boiler if necessary.

SMOKELESS SECTIONAL

No.	Rating Sq. Ft.	Rating Sq. Ft.	Grate Area Sq. Ft.	Length Overall	Water Line In. Sm.	Smoke Pipe Inches	Ash Pit (Inside) Inches	Steam Outlets Inches	Water Outlets Inches	Steam and Water Inlets (Rear Section)
3207	3500	5600	10.00	64 1/4	48	14	38 7/8 x 47 1/2	3-4	3-4	2-4
3208	4050	6450	11.67	71 1/8	48	14	38 7/8 x 54 7/8	3-4	3-4	2-4
3209	4600	7300	13.34	79	48	14	38 7/8 x 62 7/8	4-4	4-4	2-4
3210	5150	8150	15.01	86 3/8	48	14	38 7/8 x 69 7/8	4-4	4-4	2-4
3907	5150	8150	13.80	73	56	16	44 7/8 x 53 1/2	3-5	3-5	2-5
3908	5950	9400	16.10	81 3/8	56	16	44 7/8 x 62 1/2	3-5	3-5	2-5
3909	6750	10650	18.40	89 3/8	56	16	44 7/8 x 70 1/2	4-5	4-5	2-5
3910	7550	11900	20.70	97 3/8	56	16	44 7/8 x 78 1/2	4-5	4-5	2-5
745	6750	10800	15.90	75	59	20	50 7/8 x 53 1/2	3-5	3-5	2-5
845	7700	12300	18.55	83 3/8	59	20	50 7/8 x 62 1/2	3-5	3-5	2-5
945	8650	13800	21.20	91 3/8	59	20	50 7/8 x 70 1/2	4-5	4-5	2-5
1045	10600	15300	23.85	100 1/8	59	20	50 7/8 x 78 1/2	4-5	4-5	2-5
1145	11550	16800	23.85	108 1/8	59	20	50 7/8 x 87 1/2	5-5	5-5	2-5
1245	12500	18300	23.85	116 1/2	59	20	50 7/8 x 87 1/2	5-5	5-5	2-5
1345	13450	19800	23.85	125 1/8	59	20	50 7/8 x 87 1/2	5-5	5-5	2-5
1445	14500	21300	23.85	133 1/8	59	20	50 7/8 x 87 1/2	6-5	6-5	2-5
1545	15450	22800	23.85	142	59	20	50 7/8 x 87 1/2	6-5	6-5	2-5
1645	16400	24300	23.85	150 3/8	59	20	50 7/8 x 87 1/2	7-5	7-5	2-5
1745	17350	25800	23.85	158 3/8	59	20	50 7/8 x 87 1/2	7-5	7-5	2-5
1845	18300	27300	23.85	167 1/8	59	20	50 7/8 x 87 1/2	8-5	8-5	2-5
1945	19250	28800	23.85	175 1/2	59	20	50 7/8 x 87 1/2	8-5	8-5	2-5
2045	20200	30300	23.85	183 3/8	59	20	50 7/8 x 87 1/2	9-5	9-5	2-5

The Titusville Iron Works Company

Titusville, Pennsylvania

Manufacturers of Riveted and Welded Steel Fire-Tube Boilers for Power and Heating; Fronts, Castings, Smoke Stacks, Tanks and Oil Field Boilers; Steam, Gas, Oil and Gasoline Engines; Pumping Powers and Oil Well Machinery

New York.....285 Madison Ave.
SYRACUSE.....345 W. Jefferson St.
PITTSBURGH.....Farmers Bank Bldg.
WASH., D.C., 201 Woodward Bldg.
DETROIT, 2842 West Grand Blvd.

RICHMOND.....204 N. Jefferson St.
FORT WORTH.....709 Pennsylvania Ave.
JACKSONVILLE.....P. O. Box 929
BUFFALO.....1124 Marine Trust Bldg.
CHICAGO.....332 S. Michigan Ave.
ST. LOUIS.....401 Bank Commerce Bldg.

LOS ANGELES.....940 Maple Ave.
CHARLOTTE.....705 Realty Bldg.
NEW ORLEANS.....612 Godchaux Bldg.
ATLANTA.....397 Peachtree St., N. E.
PHILA., N.W. cor. 3rd and Arch Sts.

Facilities—Titusville Iron Works Company maintains one of the largest and best equipped boiler shops in the country. Every practicable mechanical provision is made for the bending, flanging, riveting, and electric welding so essential to high-grade products.

Construction—In addition to being thorough in engineering design, Titusville Boilers are built by men experienced in every detail of their particular operations.

All riveting is done by competent steel workers and all welding is done exclusively by experts who do nothing but welding. Wherever possible Titusville Welded Boilers are welded *inside* as well as outside. All workmanship and materials are guaranteed first class.

A. S. M. E. Code—Our boilers are built in strict accordance with the latest

A. S. M. E. Boiler Code Standards and to local requirements when specified.

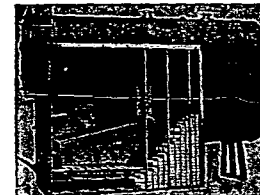
Inspection and Test—Titusville Boilers are continually inspected during construction by a resident representative of the Hartford Steam Boiler Inspection and Insurance Company. Hydrostatic tests are made upon completion. Insurance company certificate furnished free of charge on request.

Working Pressures—Our boilers are built in two-pressure ranges, i.e., 100-250 lb. working pressure, A. S. M. E. Code, for power and high-pressure service, and in 15 lb. working pressure A. S. M. E. Code, for heating service.

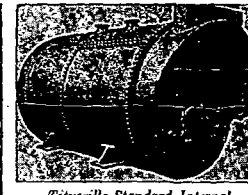
Grates, Stacks, Etc.—All boilers are provided with complete sets of doors, fronts, castings, etc., as illustrated and of the types which are standard for our boilers. Special grates furnished on request.

This company also offers its facilities for the construction of stacks, breechings and steel plate work.

Catalogs—Descriptive catalogs of our boilers and equipment will be sent upon request.



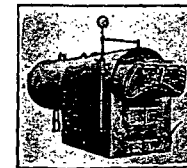
Perfection Down Draft Smokeless Boiler



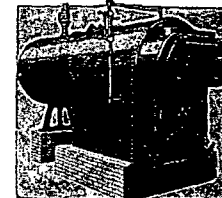
Titusville Standard Internal Fired Scotch Type Boiler



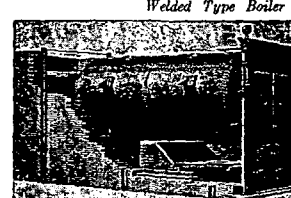
Titusville Vertical Tubular Boiler



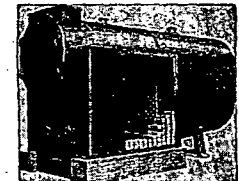
Welded Type Boiler



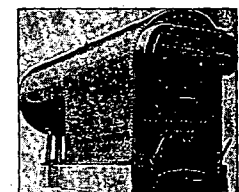
Tico Return Tubular Fire Box Boiler



Titusville Standard Tubular Boiler



Titusville Perfection Boiler—Built in Sizes 25 H. P. to 200 H. P. from 15 lbs. to 150 lbs. Working Pressure



Tico Smokeless Boiler