

The Sims Company

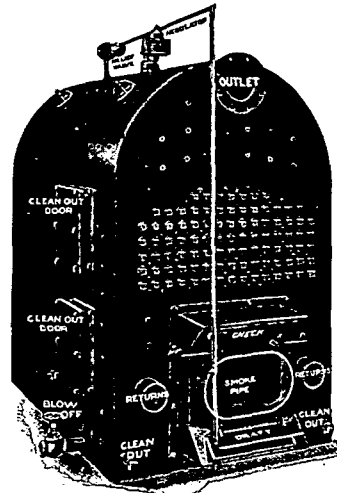
ERIE, PA.

Makers of
"SIMCO" - STEAM BOILERS - WATER HEATERS - GARBAGE BURNERS

"SIMCO" boilers for low-pressure steam and water heating are internally fired water-tube type of electrically welded steel construction and designed to burn any fuel—coal, wood, gas or oil. To secure proper combustion and high heat absorption, "SIMCO" boilers are proportioned carefully as to the relation of grate area to heating surface, combustion chamber size and fire travel. All materials used are of superior quality, construction is according to A. S. M. E. boiler Code and every boiler is tested under 120 lb. hydrostatic pressure.

The rated capacity of "SIMCO" boilers is based on proper stack conditions and those recommended in the accompanying table should be followed.

When the "SIMCO" is used for heating water, always figure on the maximum quantity to be used per hour. For instance: if the maximum demand is 1,000 gallons per hour, select R-6. When a storage tank is used, select one having one-half more storage capacity than the maximum demand per hour. The bottom of a horizontal tank should if possible be as high as the top of the boiler. If vertical, it may set on the level of the bottom of the boiler.



Interior View

RATINGS

For radiation duty are based on 8-hour firing periods with anthracite coal of good quality. Any "SIMCO" Boiler will carry its full rated load in direct C. I. Radiation when properly installed and operated. Steam Radiation, 240 B.t.u. per sq. ft. per hour. Water radiation, 185 B.t.u. per sq. ft. per hour. Extra capacity must be allowed for exposed piping, pipe coil radiators, indirect radia-

tion, extreme weather and exposure also for buildings that are heated intermittently.

For Hot Water Supply are based on intermittent firing periods with either hard or run-of-mine soft coal about 12 lbs. of coal per sq. ft. of grate surface per hour. A tank of ample storage capacity should be provided. Any "SIMCO" Boiler will heat the number of gallons of water shown in accompanying table when properly installed and operated.

TABULATION FOR "SIMCO" STEAM BOILERS AND WATER HEATERS

No.	Steam, Sq. Ft. Direct Radiation	Water, Sq. Ft. Direct Radiation	Water Heater, G. P. H. 50-180°	Water Heater, G. P. H. 50-150°	List Price	Weight	Length	Width	Height	Steam Boiler Height to Water Line	Supply	Two Return Connections	Grate Surface Sq. Ft.	Heating Surface Sq. Ft.	Smoke Connections Diameter	Minimum Chimney
R-1	750	1250	300	400	\$500.00	2000	42"	30"	58"	44"	4"	2"	3	60	9"	10"x40"
R-2	1000	1700	400	520	540.00	2200	47"	30"	58"	44"	4"	2"	4	80	9"	10"x40"
R-3	1500	2500	500	650	585.00	2500	52"	30"	58"	44"	4"	2"	5	100	9"	10"x40"
R-4	1800	3000	600	780	705.00	3000	57"	34"	58"	44"	5"	3"	6	120	12"	12"x50"
R-5	2000	3300	700	910	780.00	3500	67"	34"	58"	44"	5"	3"	7	140	12"	12"x50"
R-6	2300	3800	800	1040	830.00	4000	77"	34"	58"	44"	5"	3"	8	160	12"	12"x50"
R-7	3250	5500	1000	1300	1024.00	5000	72"	48"	72"	56"	6"	4"	10	200	16"	16"x50"
R-8	3900	6600	1200	1560	1120.00	5500	82"	48"	72"	56"	6"	4"	12	240	16"	16"x50"
R-9	4800	8000	1500	1950	1240.00	6100	92"	48"	72"	56"	6"	4"	15	300	16"	16"x50"
R-10	5800	9800	1800	2340	1700.00	8500	96"	60"	84"	66"	8"	6"	18	360	20"	20"x60"
R-11	6600	11000	2000	2600	1880.00	9200	102"	60"	84"	66"	8"	6"	20	400	20"	20"x60"
R-12	7600	13000	2200	2860	1920.00	9600	108"	60"	84"	66"	8"	6"	22	440	20"	20"x60"

The Titusville Iron Works Company

Titusville, Pennsylvania

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

NEW YORK OFFICE..... 152 West 42nd St.
CHICAGO OFFICE..... 53 W. Jackson Blvd.
BUFFALO OFFICE..... 821-23 Marine Trust Bldg.

DETROIT OFFICE..... 833 Washington Blvd. Bldg.
PITTSBURGH OFFICE..... Farmers Bank Bldg.
WASHINGTON OFFICE..... 732 Woodward Bldg.

The Organization and Facilities

We manufacture a complete line of fire tube steam boilers to meet all general heating and power requirements. We also make a specialty of boilers built to architects' and engineers' specifications.

Our shop is one of the largest and best equipped boiler manufacturing plants in the country. It is provided with the latest improved machinery including hydraulic and pneumatic riveting machines, as well as hydraulic flanging equipment. Engineering skill, careful workmanship and the best of materials are combined to make

TITUSVILLE BOILERS better made boilers for every purpose. All boilers are made in strict accordance with the latest boiler code of the American Society of Mechanical Engineers and can be made, if desired, to conform to local requirements.

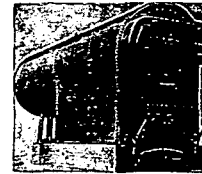
A large supply of material for all types of boilers is constantly carried and an adequate stock of completed TICOS and ACME FIREBOX Boilers is always ready for immediate shipment.

Thorough inspections and tests are constantly made during the construction and all workmanship and material is guaranteed first class in every respect.

In addition to the line of TITUSVILLE Boilers illustrated herewith

we manufacture pneumatic and storage tanks of every description.

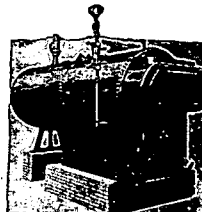
Descriptive bulletins will be sent on request.



Tico Smokeless Boiler



Titusville Standard Internal Fired Scotch Type Boiler



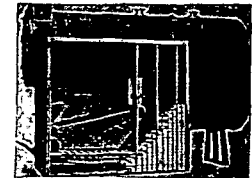
Tico Return Tubular Fire Box Boiler



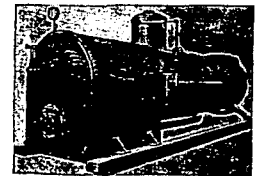
Titusville Vertical Tubular Boiler



Titusville Standard Tubular Boiler and Setting



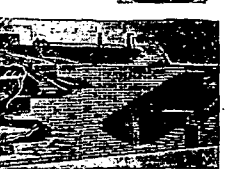
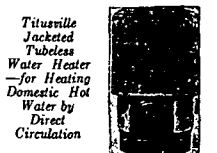
Perfection Down Draft Smokeless Boiler



Titusville Open Bottom Locomotive Portable Boiler with Water Front



Titusville Perfection Boiler—Built in Sizes 85 H. P. to 800 H. P. from 15 lbs. to 150 lbs Working Pressure



Acme Smokeless Boiler—Brick Set Type for Steam and Hot Water Heating