

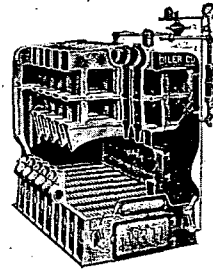
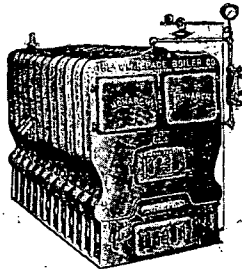
The Wm. H. Page Boiler Co.

GENERAL OFFICES:

141-145 West 36th Street
New York

Branches: 379 Commercial Street, Boston. 1718 Sansom Street, Philadelphia. Rose Building, Cleveland. Factory: Meadville, Pa.

Manufacturers of a Complete Line of Round and Square Steam and Hot Water Boilers



Monarch Up-Draft Smokeless Monarch Regular Type, Sectional View
† Monarch Sectional Steam and Water Boilers
Dimensions and Ratings

Number	8 Hour Rating* Sq. Ft. Steam	8 Hour Rating* Sq. Ft. Water	Size of Grate,† Inches	Area of Grate, Sq. Ft.	Height Over All, Inches Steam	Width Over All, Inches Steam	Height Over All, Inches Water	Width Over All, Inches Water	Total Length, Inches	Water Line Inches Steam	Outlets and Inlets, Inches	Size of Smoke Pipe, Inches
P604	650	1075	22x20	3.35	62	41	52	34	34	41	2-3	10
P605	850	1400	22x26 1/4	4.03	62	41	52	34	40 3/4	41	2-3	10
P606	1050	1725	22x32 1/4	5.00	62	41	52	34	46 3/4	41	2-3	10
P607	1250	2050	22x39 1/4	5.98	62	41	52	34	53 1/4	41	2-3	10
P608	1450	2400	22x45 1/4	6.95	62	41	52	34	59 1/4	41	2-3	10
P504	1200	1975	28x24 1/4	4.82	74	48	64	40	43 1/4	51	2-5	13
P505	1600	2625	28x33 1/4	6.45	74	48	64	40	52	51	2-5	13
P506	2000	3300	28x41 1/4	8.07	74	48	64	40	60 1/4	51	2-5	13
P507	2400	3950	28x49 1/4	9.70	74	48	64	40	68 1/4	51	2-5	13
P508	2800	4600	28x58 1/4	11.32	74	48	64	40	77 1/4	51	2-5	13
P509	3200	5275	28x66 1/4	12.96	74	48	64	40	85 1/4	51	2-5	13
P510	3600	5950	28x66 1/4	12.96	74	48	64	40	93 1/4	51	2-5	13
P511	4000	6625	28x66 1/4	12.96	74	48	64	40	102 1/4	51	2-5	13
P512	4400	7300	28x66 1/4	12.96	74	48	64	40	110 1/4	51	2-5	13
P405	2400	3975	40x33 1/4	9.55	82	63	72	54	52	55	2-5	21
P406	3000	4950	40x41 1/4	11.52	82	63	72	54	60 3/4	55	2-5	21
P407	3600	5925	40x49 1/4	13.85	82	63	72	54	68 3/4	55	2-5	21
P408	4200	6925	40x58 1/4	16.18	82	63	72	54	77 1/4	55	2-5	21
P409	4800	7925	40x66 1/4	18.50	82	63	72	54	85 1/4	55	2-5	21
P410	5400	8900	40x75	20.82	82	63	72	54	93 1/4	55	2-5	21
P411	6000	9900	40x83 1/4	23.13	82	63	72	54	102 1/4	55	3-5	21
P412	6600	10900	40x91 1/4	25.50	82	63	72	54	110 1/4	55	3-5	21
P413	7200	11875	40x91 1/4	25.50	82	63	72	54	119 1/4	55	3-5	21
P414	7800	12875	40x91 1/4	25.50	82	63	72	54	127 1/4	55	3-5	21
P415	8400	13850	40x91 1/4	25.50	82	63	72	54	135 1/4	55	3-5	21
P416	9000	14850	40x91 1/4	25.50	82	63	72	54	144 1/4	55	3-5	21

† Bridgwall sections are furnished for shortening grates, if desired, and are recommended for boilers above nine sections. They are regularly shipped with boilers larger than P509 and P412 to reduce grate to length in table of dimensions.

† These boilers can also be furnished with Header Connections, and in both Up-Draft and Down-Draft Smokeless types.

* Monarch boilers are built in conformity with the Boiler Code of the American Society of Mechanical Engineers; and ratings as given are conservatively made in accordance with the Standard Formula of the American Society of Heating and Ventilating Engineers, are derived from careful and exhaustive tests which proved their safety, and are based on a standard of 2 lbs. pressure maintained at the boiler for steam and 180 degrees for hot water.

Pierce, Butler & Pierce Mfg. Corp.

Liggett Building

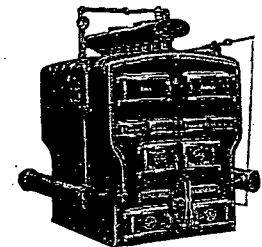
New York City

Factories: Eastwood, Syracuse and Oswego, N. Y.; Huntingdon, Pa.
Branch Offices: New York, Brooklyn, Syracuse, Newark, Worcester, Boston, Philadelphia, Detroit.

Cast iron water boilers 100 to 14,950 sq. ft. capacity. Cast iron steam boilers 325 to 9,000 sq. ft. capacity. Firebox heating boilers, capacity steam radiation 2,500 to 25,000 sq. ft.; capacity water radiation 4,000 to 40,000 sq. ft. Radiators—all types.

The Pierce-American Boiler

The boiler with a thirty
year record of proved suc-
cessful performance.



Sizes and Dimensions

Number*	Number Sections	Length Boiler	Width Boiler & Headers	Height Boiler & Headers	Height Water Line on Steam Boilers	Number & Size Outlets	Number & Size Returns	Diameter Smoke Pipe	Size of Flue	Height of Chimney	Capacity Sq. Ft. Steam Boilers	Capacity Sq. Ft. Water Boilers
214	4	47	45	56 1/4	40 1/4	2-3	2-3	9 1/2	8x12	35 ft.	600	1000
215	5	55	45	56 1/4	40 1/4	2-3	2-3	9 1/2	8x12	35 ft.	800	1325
216	6	63	45	56 1/4	40 1/4	2-3	2-3	9 1/2	12x12	40 ft.	1000	1650
217	7	71	45	58	40 1/4	2-3	2-4	9 1/2	12x12	40 ft.	1200	2000
265	5	55	51	64 1/4	47 1/4	2-3	2-3	11 1/4	12x12	40 ft.	1100	1825
266	6	63	51	64 1/4	47 1/4	2-4	2-4	11 1/4	12x12	40 ft.	1400	2325
267	7	71	51	64 1/4	47 1/4	2-4	2-4	11 1/4	12x16	50 ft.	1700	2825
268	8	79	51	64 1/4	47 1/4	2-4	2-4	11 1/4	12x16	50 ft.	2000	3300
325	5	55	59 1/4	67	49	2-4	2-4	14	12x16	40 ft.	1400	2325
326	6	63	59 1/4	67	49	2-5	2-5	14	12x16	40 ft.	1750	2900
327	7	71	59 1/4	67	49	2-5	2-5	14	16x16	40 ft.	2100	3475
328	8	79	59 1/4	67	49	2-5	2-5	14	16x16	50 ft.	2450	4050
329	9	87	59 1/4	67	49	2-5	2-5	14	16x16	50 ft.	2800	4450
405	5	55	66 1/4	69 1/4	51	2-4	2-4	15 1/4	12x16	40 ft.	1900	4625
406	6	63	66 1/4	69 1/4	51	2-5	2-5	15 1/4	16x16	40 ft.	2400	3150
407	7	71	66 1/4	69 1/4	51	2-5	2-5	15 1/4	16x16	50 ft.	2900	3975
408	8	79	66 1/4	69 1/4	51	2-5	2-5	15 1/4	16x20	50 ft.	3400	4800
409	9	87	66 1/4	69 1/4	51	2-5	2-5	15 1/4	20x20	50 ft.	3900	5625
4010	10	95	66 1/4	69 1/4	51	2-5	2-5	15 1/4	20x20	50 ft.	4400	7250
466	6	68	78 1/4	82	55 1/4	2-6	2-6	19 1/4	20x20	50 ft.	3750	6200
467	7	76	78 1/4	82	55 1/4	2-6	2-6	19 1/4	20x20	50 ft.	4500	7450
468	8	84	78 1/4	82	55 1/4	2-6	2-6	19 1/4	20x20	60 ft.	5250	8700
469	9	92	78 1/4	82	55 1/4	2-6	2-6	19 1/4	20x20	60 ft.	6000	9950
4610	10	100	78 1/4	82	55 1/4	2-6	2-6	19 1/4	24x24	60 ft.	6750	11200
4611	11	108	78 1/4	82	55 1/4	2-6	2-6	19 1/4	24x24	60 ft.	7500	12450
4612	12	116	78 1/4	82	55 1/4	2-6	2-6	19 1/4	24x24	70 ft.	8250	13700
4613	13	124	78 1/4	82	55 1/4	2-6	2-6	19 1/4	24x24	70 ft.	9000	14950

All measurements are in inches, except where otherwise noted. Special sizes or location of tappings can be furnished at prices shown in discount sheet. Blank grate sections for brick fire wall to reduce size of grate will be supplied without extra charge with boiler if so ordered.

* Steam boilers are designated by the letter "S" before the number, as S-214, S-215, etc. Water boilers are designated by the letter "W," as W-214, W-215, etc.