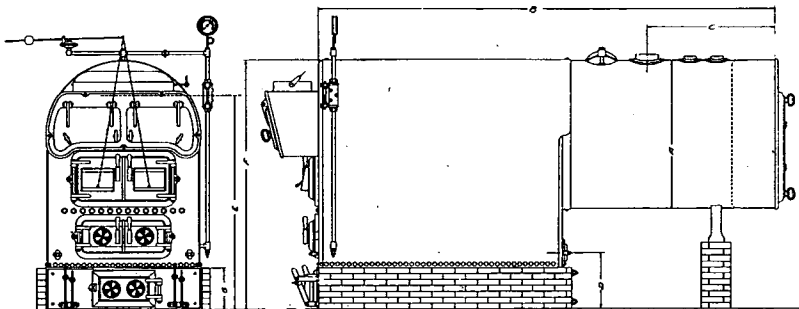




Settling Plan and Measurements "Oil City" Heating Boilers

"Oil City" Smokeless

NUMBER OF BOILER	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324
CAPACITY - STEAM	30 FT.	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000	5200	5400	5600	5800	6000	6200
CAPACITY - WATER	30 FT.	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000	5200	5400	5600	5800	6000	6200
BOILER DIAMETER	A	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
BOILER LENGTH	D	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11
DOOR TO OUTLET	C	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11
FLOOR TO RETURN	D	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
FLOOR TO WATER LINE	E	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
HEIGHT OVER DOILER	F	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11
HEIGHT FROM PIT	G	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11
SIZE OUTLET	H	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
SIZE RETURN	H	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
SIZE SMOKE OUTLET	H	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11
DOOR BREACHING - ONE DOILER	H	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
DOOR BREACHING - TWO DOILERS	H	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
DOOR STRUCK - ONE DOILER	H	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
DOOR STRUCK - TWO DOILERS	H	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
HEIGHT STRUCK - ONE DOILER	H	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
HEIGHT STRUCK - TWO DOILERS	H	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
DOOR TO OPEN REAR DOORS	H	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20

"Oil City" Direct Draft Type

NUMBER OF BOILER	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324
CAPACITY - STEAM	30 FT.	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000	5200	5400	5600	5800	6000	6200
CAPACITY - WATER	30 FT.	3000	3200	3400	3600	3800	4000	4200	4400	4600	4800	5000	5200	5400	5600	5800	6000	6200
BOILER DIAMETER	A	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
BOILER LENGTH	D	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11
DOOR TO OUTLET	C	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11
FLOOR TO RETURN	D	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
FLOOR TO WATER LINE	E	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
HEIGHT OVER DOILER	F	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11
HEIGHT FROM PIT	G	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11
SIZE OUTLET	H	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
SIZE RETURN	H	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
SIZE SMOKE OUTLET	H	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11
DOOR BREACHING - ONE DOILER	H	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
DOOR BREACHING - TWO DOILERS	H	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
DOOR STRUCK - ONE DOILER	H	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
DOOR STRUCK - TWO DOILERS	H	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
HEIGHT STRUCK - ONE DOILER	H	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
HEIGHT STRUCK - TWO DOILERS	H	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
DOOR TO OPEN REAR DOORS	H	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20

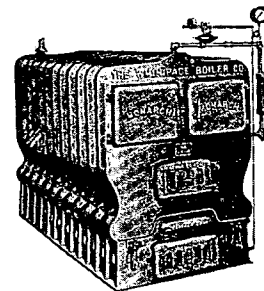
The Wm. H. Page Boiler Co.

GENERAL OFFICES

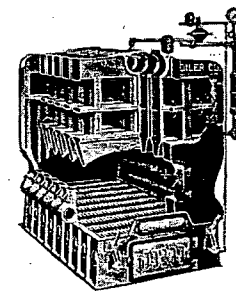
141-145 West 36th Street NEW YORK

Branches: 379 Commercial Street, Boston.
Rose Building, Cleveland.1718 Sansom Street, Philadelphia.
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 Hr. Rating* Sq. Ft. Steam	8 Hr. Rating* Sq. Ft. Water	Size of Grate, † Inches	Area of Grate, Sq. Ft.	Height Over All, Inches Steam	Width All, Inches Steam	Height Over All, Inches Water	Width All, Inches Water	Total Length, Inches	Water Line, Inches Steam	Outlets and Inlets, Inches	Size of Smoke Pipe, Inches
604	650	1075	22x20	3.35	60 1/2	39 1/4	52	35	34	41	2-3	10
605	850	1400	22x25 1/2	4.03	60 1/2	39 1/4	52	35	40 1/2	41	2-3	10
606	1050	1725	22x32 1/2	5.00	60 1/2	39 1/4	52	35	46 1/2	41	2-3	10
607	1250	2050	22x39 1/2	5.98	60 1/2	39 1/4	52	35	53 1/2	41	2-3	10
608	1450	2400	22x45 1/2	6.95	60 1/2	39 1/4	52	35	59 1/2	41	2-3	10
504	1200	1975	28x24 1/2	4.82	73	45 1/4	64 1/2	41	43 1/2	51	2-5	13
505	1600	2625	28x33 1/2	6.45	73	45 1/4	64 1/2	41	52	51	2-5	13
506	2000	3300	28x41 1/2	8.07	73	45 1/4	64 1/2	41	60 1/2	51	2-5	13
507	2400	3950	28x49 1/2	9.70	73	45 1/4	64 1/2	41	68 1/2	51	2-5	13
508	2800	4600	28x58 1/2	11.32	73	45 1/4	64 1/2	41	77 1/2	51	2-5	13
509	3200	5275	28x66 1/2	12.96	73	45 1/4	64 1/2	41	85 1/2	51	2-5	13
510	3600	5950	28x74 1/2	14.59	73	45 1/4	64 1/2	41	93 1/2	51	2-5	13
511	4000	6625	28x82 1/2	16.22	73	45 1/4	64 1/2	41	101 1/2	51	2-5	13
512	4400	7300	28x90 1/2	17.85	73	45 1/4	64 1/2	41	109 1/2	51	2-5	13
405	2400	3975	40x33 1/2	9.55	81	59 1/4	72 1/2	55	52	58	2-5	21
406	3000	4950	40x41 1/2	11.52	81	59 1/4	72 1/2	55	60 1/2	58	2-5	21
407	3600	5925	40x49 1/2	13.85	81	59 1/4	72 1/2	55	68 1/2	58	2-5	21
408	4200	6925	40x58 1/2	16.18	81	59 1/4	72 1/2	55	77 1/2	58	2-5	21
409	4800	7925	40x66 1/2	18.50	81	59 1/4	72 1/2	55	85 1/2	58	2-5	21
410	5400	8900	40x74 1/2	20.82	81	59 1/4	72 1/2	55	93 1/2	58	2-5	21
411	6000	9900	40x82 1/2	23.14	81	59 1/4	72 1/2	55	101 1/2	58	2-5	21
412	6600	10900	40x90 1/2	25.50	81	59 1/4	72 1/2	55	109 1/2	58	2-5	21
413	7200	11875	40x98 1/2	27.85	81	59 1/4	72 1/2	55	117 1/2	58	2-5	21
414	7800	12875	40x106 1/2	30.20	81	59 1/4	72 1/2	55	125 1/2	58	2-5	21
415	8400	13850	40x114 1/2	32.55	81	59 1/4	72 1/2	55	133 1/2	58	2-5	21
416	9000	14850	40x122 1/2	34.90	81	59 1/4	72 1/2	55	141 1/2	58	2-5	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 509 and 412 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 lb. pressure maintained at the boiler for steam and 180 deg. for hot water.