

Boilers, Cast Iron

Central Radiator Company

Subsidiary of The Universal Pipe and Radiator Company

LANSDALE-CRAIG WATER TUBE BOILERS

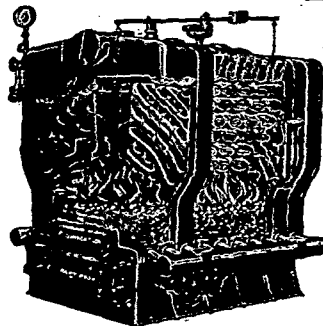
(Also "The Gray Sentry" Jacketed Boilers and Lansdale Round Boilers)

GRAYBAR BUILDING, LEXINGTON AVENUE AT 43rd STREET, NEW YORK

PHILADELPHIA BRANCH
2401 Chestnut Street

LANSDALE, PA. BRANCH
50 Central Avenue

CHICAGO BRANCH
332 S. Michigan Avenue



Tested and Certified by Outside and Unbiased Engineers.

Heating Surface Doubled No Dead Corners... the forward and back fire travel—the corrugated front, back, sides and rounded corners, and the large drop tubes over the fire, assume double the heating surface.

Tests have been made not alone by our own engineers, but in the nationally-known Frost Research Laboratory, at Norristown, Pa.—and these laboratory tests are certified by Mr. Robinson V. Frost, C. E., Member A. S. M. E. and A. S. H. & V. E.

Constructed in accordance with the codes of the A. S. M. E. and A. S. H. & V. E. Rated in accordance with the code of Heating and Piping Contractors National Association.

Ask nearest office for charts showing boiler performances, efficiencies, grate areas and ratings.

STEAM or VAPOR				STEAM, VAPOR and WATER												WATER	
Boiler No.	Commercial Rating STEAM	Water Line Inches	Grate Area Square Feet	Height from Floor to Outlet Inches	Height from Floor to Center Return Inlet, Inches	Height Overall Inches	Width including Trunnions Inches	Length of Boiler including Smoke Box, Inches	Tapping Outlets and Inlets Inches	Smoke Pipe Diameter Inches	Boiler Foundation Inches	Shipping Weight Approximate Pounds	Boiler No.	Commercial Rating WATER			
3-5	350	42	1.15	51	13 1/2	57	34	32	1-2 1/2	8	19x16	921	3-15W	550			
4-5	500	42	1.67	51	13 1/2	57	34	37	1-2 1/2	8	19x21	1078	4-15W	800			
5-5	700	42	2.19	51	13 1/2	57	34	42	1-2 1/2	8	19x26	1235	5-15W	1100			
6-5	900	42	2.71	51	13 1/2	57	34	47	2-2 1/2	8	19x31	1388	6-15W	1400			
7-5	1050	42	3.23	51	13 1/2	57	34	52	2-2 1/2	8	19x36	1540	7-15W	1650			
8-5	800	47	3.05	57	14	61	42	43	1-3	10	26x25	1580	4-22W	1300			
9-5	1100	47	3.97	57	14	61	42	49	2-3	10	26x31	1842	5-22W	1750			
10-5	1400	47	4.89	57	14	61	42	55	2-3	10	26x37	2096	6-22W	2250			
11-5	1750	47	5.80	57	14	61	42	61	2-3	10	26x43	2354	7-22W	2700			
12-5	2025	47	6.72	57	14	61	42	67	2-3	12	26x49	2620	8-22W	3250			
13-5	1300	52	4.33	70	18	70	56	57	2-3	10	33x33	2475	5-24W	2100			
14-5	1650	52	5.33	70	18	70	56	63	2-3	10	33x39	2856	6-24W	2600			
15-5	2000	52	6.33	70	18	70	56	70	2-3	10	33x45	3236	7-24W	3200			
16-5	2300	52	7.33	70	18	70	56	76	2-3 1/2	12	33x51	3638	8-24W	3650			
17-5	2500	52	8.33	70	18	70	56	82	2-4	12	33x57	4018	9-24W	4050			
18-5	2800	52	9.33	70	18	70	56	88	2-4	12	33x63	4398	10-24W	4500			
19-5	3600	59	9.50	71	18	71	70	73	2-4	14	45x45	4879	7-36W	5750			
20-5	4200	59	11.00	71	18	71	70	79	2-4	14	45x51	5458	8-36W	6750			
21-5	4700	59	12.50	71	18	71	70	86	3-4	14	45x57	6006	9-36W	7500			
22-5	5200	59	14.00	71	18	71	70	92	3-4	16	45x63	6576	10-36W	8300			
23-5	5700	59	15.50	71	18	71	70	98	3-4	16	45x70	7151	11-36W	9000			
24-5	6200	59	17.00	71	18	71	70	104	3-4	16	45x76	7721	12-36W	9900			
25-5	6500	59	18.50	71	18	71	70	111	4-4	20	45x82	8293	13-36W	10450			
26-5	6950	59	20.00	71	18	71	70	117	4-4	20	45x89	8875	14-36W	11100			

*When domestic hot water supply tank is to be heated by heating boiler add to actual load 2 sq. ft. for each gallon of tank capacity on a steam job, and 3 sq. ft. for each gallon on a hot water job.

HEADERS: All 24 in. series Supply Headers are 5 in. All 24 in. series Return (Two), Headers are 4 in. All 36 in. series Supply Headers are 7 1/2 in. All 36 in. series Return (Two), Headers are 4 in. All headers are tapped 2 in. on Rear End.

COAL-BURNING BOILERS: Steam Boilers furnished complete with steam gauge, safety-valve, gauge glass, gauge glass fittings, tri-cocks, firing tools, regulator. Water Boilers furnished with firing tools.

OIL-BURNING BOILERS: All oil-burning boilers come without grates and without firing tools.

Boilers, Cast Iron

Molby Boiler Company Incorporated

Subsidiary of The Universal Pipe and Radiator Company

Molby Magazine-Feed Downdraft-Crossdraft Boilers

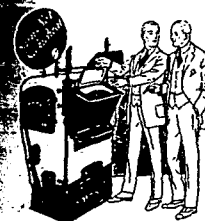
for burning No. 1 Buckwheat Anthracite

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PHILADELPHIA BRANCH
2401 Chestnut Street

LANSDALE, PA. BRANCH
50 Central Avenue

CHICAGO BRANCH
332 S. Michigan Avenue



28 Sizes—for Homes, Apartment Houses and other Buildings.

The Molby heating boiler pays for itself. It is self-feeding and gives a steady, even heat over long periods, burning No. 1 Buckwheat at half the cost of large sizes of anthracite. Also burns free-burning bituminous. Also coke. Magazines need coaling only once a day. Built throughout in accordance with codes of A. S. M. E. and A. S. H. & V. E.

Tested and Certified by Outside and Unbiased Engineers of National Reputation.

Tests have been made, not alone by our own engineers, but in the nationally-known Frost Research Laboratory, at Norristown, Pa.—and these laboratory tests are certified to by Mr. Robinson V. Frost, C. E., Member A. S. M. E. and A. S. H. & V. E.

For the benefit of engineers, architect and contractor we will gladly furnish charts in fullest detail, as submitted by the Frost Research Laboratory, showing grate areas, ratings, boiler performances and efficiencies. Ask nearest office for these charts.

SIZES, RATINGS, DIMENSIONS, WEIGHTS, ETC.

STEAM				STEAM AND WATER								WATER			
Number	Water Line	Return	Commercial Rating Steam	Advised Load Steam	Height	Width	Length	Smoke Pipe	Outlets	Chimney Flue	Approximate Shipping Weight	Number	Return	Commercial Rating Water	Advised Load Water
S-14	44	2-3	375	275	54	41	35 1/2	10	2-3	8x12	2100	W-14	2-3	600	450
S-15	44	2-3	507	375	54	41	42	10	2-3	8x12	2530	W-15	2-3	813	615
S-16	44	2-3	646	475	54	41	48 1/2	10	2-3	8x12	2980	W-16	2-3	1035	780
S-17	44	2-3	779	575	54	41	55	10	2-3	12x12	3430	W-17	2-3	1247	945
S-18	44	2-3	908	675	54	41	61 1/2	10	2-3	12x12	3890	W-18	2-3	1450	1110
S-25	50	2-4	1158	839	62 1/2	61	44	14	2-3	12x12	4210	W-25	2-4	1852	1343
S-26	50	2-4	1466	1087	62 1/2	61	50 1/2	14	2-3	12x12	4910	W-26	2-4	2356	1739
S-27	50	2-4	1785	1334	62 1/2	61	56 1/2	14	3-3	12x16	5670	W-27	2-4	2856	2135
S-28	50	2-4	2106	1585	62 1/2	61	63 1/2	14	3-3	12x16	6430	W-28	2-4	3370	2537
S-29	50	2-4	2431	1852	62 1/2	61	69 1/2	14	3-3	16x16	7095	W-29	2-4	3890	2964
S-210	50	2-4	2759	2138	62 1/2	61	75 1/2	14	3-3	16x16	7800	W-210	2-4	4414	3422
S-211	50	2-4	3093	2405	62 1/2	61	82	14	4-3	16x16	8460	W-211	2-4	4934	3960
S-212	50	2-4	3400	2600	62 1/2	61	88 1/2	14	4-3	16x20	9120	W-212	2-4	5400	4359
S-36	63	2-5	1817	1900	80	75 1/2	59	14	2-4	16x16	8620	W-36	2-5	2907	3135
S-37	63	2-5	2470	2275	80	75 1/2	67 1/2	16	2-4	16x16	9870	W-37	2-5	3952	3750
S-38	63	2-5	2785	2650	80	75 1/2	76	16	3-4	16x20	11220	W-38	3-5	4456	4370
S-39	63	3-5	3312	3025	80	75 1/2	84 1/2	18	3-4	16x20	12430	W-39	3-5	5300	4990
S-310	63	3-5	3898	3400	80	75 1/2	93	18	4-4	20x20	13730	W-310	3-5	6236	5610
S-311	63	3-5	4351	3775	80	75 1/2	101 1/2	18	4-4	20x20	14960	W-311	3-5	6962	6225
S-312	63	3-5	4769	4150	80	75 1/2	110	18	4-4	20x24	16270	W-312	3-5	7631	6845
S-313	63	3-5	5226	4525	80	75 1/2	118 1/2	18	4-4	20x24	17480	W-313	3-5	8361	7465
S-314	63	3-5	5660	4900	80	75 1/2	127	18	4-4	20x24	18860	W-314	3-5	9057	8085

Note.—In ordering 26-in. boilers state whether you wish same fitted up with right hand or left hand end to the chimney, length includes Smoke Box.

Equipment.—Each steam boiler is equipped with a full set steam trimmings, a pressure regulator and a complete set of firing and cleaning tools. Instruction books for erecting and operating accompany each boiler. Each water boiler is equipped with a thermometer, a water temperature regulator and a complete set of firing and cleaning tools. Instruction books for erecting and operating accompany each boiler.

*When domestic hot water supply tank is to be heated by heating boiler add to actual load 2 sq. ft. for each gallon of tank capacity on a steam job, and 3 sq. ft. for each gallon on a hot water job.

**See assembling directions for exact length of boiler when it was assembled before leaving factory.