

Molby Boiler Company Incorporated

Subsidiary of The Universal Pipe and Radiator Company

Molby Magazine-Feed Downdraft-Crossdraft Boilers and Heavy Duty Tank Heaters with Adjustable Side Grate for burning No. 1 Buckwheat Anthracite

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

Highest Medal Award of Merit and
Diploma: Sesqui-Centennial,
Philadelphia



Built throughout in accordance
with codes of the A.S.M.E.
and the A.S.H.&V.E.

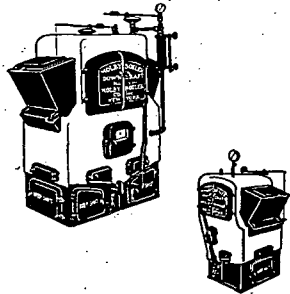
THE MOLBY is easy to operate, is self feeding, and gives a steady, even heat over long periods with low-priced No. 1 Buckwheat Anthracite. Also burns sized free-burning bituminous with proper chimney draft. Also coke. Magazines need re-filling only once every 12 to 24 hours. Cast iron sectional construction throughout.

Ratings are based on the assumption that a good grade of No. 1 Buckwheat Anthracite is to be used and that the chimney is of such area, height and tightness as to produce the required draft; also that the boiler, mains and connections shall be covered with an insulating

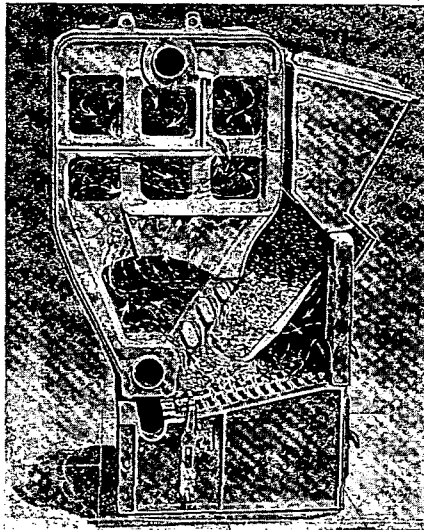
material. These ratings, under the same conditions, may be used for sized soft coal of the free-burning and non-caking variety.

Should larger sizes of good grades of Anthracite be used, a given boiler—other conditions being the same—would burn with equal efficiency, 20 per cent more coal. Thus, when such larger sizes are regularly used, the ratings shown are increased 20 per cent.

The MOLBY will heat home—large apartment house—or commercial building—having a good chimney, just as successfully and just as easily with low-priced small coal as ordinary boilers burning the expensive sizes.



THE cross-sectional views on this and the next page show the construction of the sections and the relative position of the reserve coal in the magazine. Note the downdraft and crossdraft travel of the gases through the fire and into the combustion chamber.



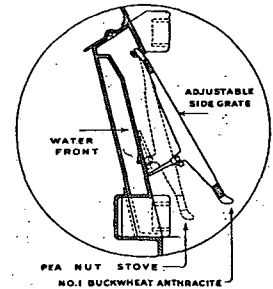
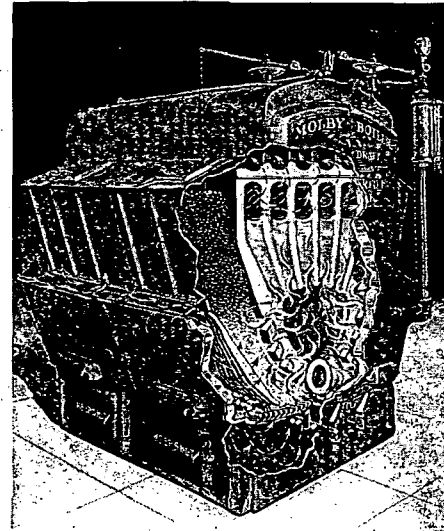
SIZES, CAPACITIES, DIMENSIONS AND PRICES

STEAM					STEAM AND WATER							WATER			
Number	Steam Vapor	Water Line	Returns	Steam Rating No. 1 Buckwheat	Size—Inches						Approximate Shipping Weight	Number	Water Cipher	Return	Water Rating No. 1 Buckwheat
					Height	Width	Length	Smoke Pipe	Outlets	Chimney Flue					
26" Series															
S-4026	Adageo	48	2-3	550	54	41	35½	10	2-3	8 x 12	1890	W-4026	Domo	2-3	925
S-5026	Addico	48	2-3	725	54	41	42	10	2-3	8 x 12	2230	W-5026	Domo	2-3	1225
S-6026	Admito	48	2-3	900	54	41	48½	10	2-3	8 x 12	2580	W-6026	Domo	2-3	1525
S-7026	Adzo	48	2-3	1125	54	41	55	10	2-3	12 x 12	2950	W-7026	Domo	2-3	1900
S-8026	Adelo	48	2-3	1300	54	41	61½	10	2-3	12 x 12	3300	W-8026	Domo	2-3	2200
31" Series															
S-4031	Bugo	54	2-4	1075	62½	61	37½	14	2-3	8 x 12	3320	W-4031	Edamo	2-4	1825
S-5031	Bulfo	54	2-4	1425	62½	61	44	14	2-3	12 x 12	3820	W-5031	Edgeo	2-4	2425
S-6031	Bullo	54	2-4	1775	62½	61	50½	14	2-3	12 x 12	4290	W-6031	Edito	2-4	3000
S-7031	Buno	54	2-4	2125	62½	61	56½	14	3-3	12 x 16	4690	W-7031	Edicto	2-4	3625
S-8031	Bulbo	54	2-4	2475	62½	61	63½	14	3-3	12 x 16	5100	W-8031	Edeno	2-4	4200
S-9031	Buoyo	54	2-4	2825	62½	61	69½	14	3-3	16 x 16	5510	W-9031	Educco	2-4	4825
S-10031	Bungo	54	2-4	3175	62½	61	75½	14	3-3	16 x 16	5930	W-10031	Eduzo	2-4	5400
47" Series															
S-5047	Calzo	67½	2-5	2750	80	75½	50½	14	2-4	12 x 16	5990	W-5047	Fluzo	2-5	4675
S-6047	Calfo	67½	2-5	3400	80	75½	59	14	2-4	16 x 16	7150	W-6047	Fledo	2-5	5800
S-7047	Caro	67½	3-5	4050	80	75½	67½	16	3-4	16 x 16	8310	W-7047	Flipo	3-5	6900
S-8047	Carpo	67½	3-5	4700	80	75½	76	16	3-4	16 x 20	9500	W-8047	Flowo	3-5	8050
S-9047	Caso	67½	3-5	5350	80	75½	84½	18	3-4	16 x 20	10650	W-9047	Flungo	3-5	9150
S-10047	Cadio	67½	3-5	6000	80	75½	93	18	4-4	20 x 20	11840	W-10047	Flusto	3-5	10300
S-11047	Cabo	67½	3-5	6650	80	75½	101½	18	4-4	20 x 20	13000	W-11047	Flinto	3-5	11400
S-12047	Cando	67½	3-5	7300	80	75½	110	18	4-4	20 x 24	14150	W-12047	Flato	3-5	12500
S-13047	Camo	67½	3-5	7950	80	75½	118½	18	4-4	20 x 24	15320	W-13047	Flazgo	3-5	13600

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 (26 in. series, 1 pressure regulator; 31 in. and 47 in. series, 2 pressure regulators.)

Water boilers are furnished with two water temperature regulators, except 26 in. series which are equipped with one. A complete set of firing and cleaning tools, together with instruction books for setting up and operation, accompany each boiler.



Side grate easily adjusted for small coal or large coal

LOSS of valuable heat units is impossible because the fuel is added to the draft side of the fire.

The air supporting the combustion enters the fire chamber through the adjustable side grate, passes through the incandescent fire and is drawn through the water grate with the gases at a flaming temperature. Air and gases mix upon entering the combustion chamber.