

AMERICAN & Standard RADIATOR & Sanitary CORPORATION

SALES DEPARTMENT

P. O. Box 1226
PITTSBURGH,

April 15, 1942

Q-258

Arcoliner Boiler

TO THE WHOLESALE DISTRIBUTOR:

Enclosed is literature illustrating and describing the Arcoliner Boiler - for coal or oil. Also enclosed is schedule of Trade Prices. The Arcoliner Boiler was developed to meet an increasing demand for a small boiler to burn all fuels with a maximum of efficiency and economy.

A small supply of jackets was produced prior to the limitation order discontinuing the production of metal jackets after March 16, 1942. The Arcoliner may be ordered with or without jacket. Orders for the Jacketed Boiler, or those with Biltin Taco Heater will be subject to stocks on hand.

Literature enclosed features the general characteristics of this new boiler. In addition, we wish to emphasize:

1. The 15" width and the ample height of the firebox. This means large fuel capacity and long firing periods.
2. The hot gases leave the combustion chamber at the rear of the boiler and enter the two outside flues. The gases then proceed forward to the front section, where they turn, meet and travel to the rear of the boiler through the center flue, thus providing a two-pass boiler.
3. In small steam boilers there is a tendency to prime. To overcome this, we have provided free and easy passage to the outlet by locating the large connecting top nipple at the side of the section.
4. The boiler sections extend to the floor which provide a maximum of water-backed surface for increased efficiency.
5. The boiler sections will be shipped assembled which means a saving in handling and installing.
6. The grates for the Arcoliner Boiler have been designed so that outside shaking mechanism is eliminated, thus adding to the appearance of the boiler.
7. Nos. 153, 154 and 155 oil boilers will be fired with the "M" Arcoflame Burner, Pedestal type. The No. 156 Oil Boiler will be fired with the "C-1" Arcoflame Burner, Pedestal type. Both Burners will have the proper leg height, draft adjustor and sleeve, and will be furnished in the Canyon Red color. Precast Combustion Chambers for the dry base boiler will not be available immediately, but we will furnish instructions with the boiler, showing how to build a brick Combustion Chamber.

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8. Converting the coal fired boiler to oil and vice versa is a simple matter. Grates can be removed without trouble; there are no trunnion pockets extending from the sides of the combustion chamber, as the grates rest in pockets in the back section and in a plate in the front section.

Regular Wholesalers' discounts, terms and freight conditions apply.

Prices subject to change without notice.

Additional copies of this Bulletin, or the folders, will be mailed upon request.

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Effective immediately Trade Prices on the Arccliner Boiler are as follows:

Boiler Number	Installed Radiation Square Feet	Approximate Shipping Weight		Trade Price	
		Unjacketed	Jacketed	Unjacketed	Jacketed
<u>COAL - STEAM</u>					
S-153-D	180	620	675	\$ 74.50	\$ 83.50
S-154-D	270	760	825	88.50	98.50
S-155-D	370	900	975	106.50	117.50
S-156-D	460	1040	1125	122.00	134.00
<u>OIL - STEAM</u>					
S-153-DO	230	590	645	71.00	80.00
S-154-DO	300	725	790	81.50	91.50
S-155-DO	370	860	935	92.50	103.50
S-156-DO	440	990	1075	106.00	118.00
<u>STOKER - STEAM</u>					
S-CD-154	300	725	790	81.50	91.50
S-CD-155	370	860	935	92.50	103.50
S-CD-156	440	990	1075	106.00	118.00
<u>COAL - WATER</u>					
W-153-D	290	620	675	72.50	81.50
W-154-D	430	760	825	86.50	96.50
W-155-D	590	900	975	104.50	115.50
W-156-D	740	1040	1125	120.00	132.00
<u>OIL - WATER</u>					
W-153-DO	370	590	645	69.00	78.00
W-154-DO	480	725	790	79.50	89.50
W-155-DO	590	860	935	90.50	101.50
W-156-DO	705	990	1075	104.00	116.00
<u>STOKER - WATER</u>					
W-CD-154	480	725	790	79.50	89.50
W-CD-155	590	860	935	90.50	101.50
W-CD-156	705	990	1075	104.00	116.00

<u>EXTRAS</u>				<u>Trade Price</u>
No. 701 Biltin Taco	60 Gallon Capacity - Coal, Steam			\$ 7.00
No. 702 " "	40 " " " "			6.00
No. 701 " "	40 " " - Oil, Stoker,			
	Steam or Water			7.00
"M" Arcoflame Burner with No. 11 or 13 Control Set (For Nos. 153, 154, 155 Boiler)				90.00
"G-1" Arcoflame Burner with No. 11 or 13 Control Set (For No. 156 Boiler)				104.00

See Page 34, Price Book RH-4 for other Control Sets.