

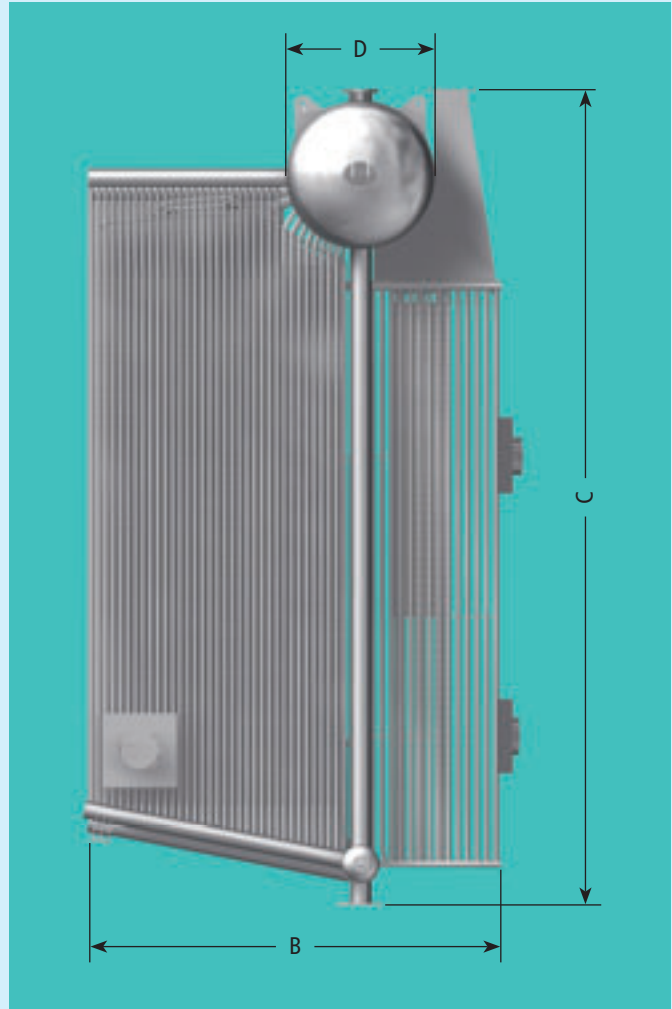
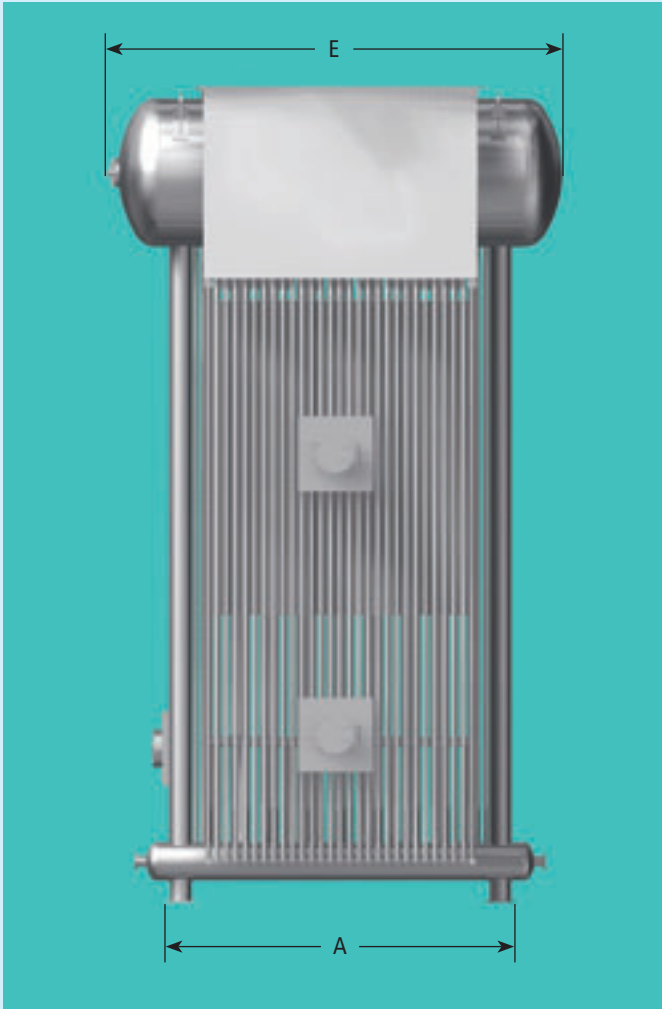
Capacity	30 - 110 t/h
Design pressure	up to 2.5 MPa*

* can be adapted to customers request

Design Features

The top fired D-type boiler FMB-VD resembles a classic membrane wall furnace design, which is well proven for marine applications. The radiation heat transfer is performed in the furnace. The convection part is built up with special pin tubes, each with a high heat transfer capacity. Due to the extended heating surface a very high efficiency is given under part-load conditions. The convection part can be cleaned by means of steam soot blowers.

This water tube boiler has an effective natural water circulation ensured in all areas of the boiler by means of the external downcomers. The FMB-VD boiler is basically designed for the production of saturated steam, but can also be equipped with superheaters.



Steam capacity t/h	Design pressure MPa	A*	B*	C*	D*	E*	Boiler dry weight** kg	Water volume at NWL m ³
		mm	mm	mm	mm	mm		
30	1.8	3230	3370	8100	1600	5250	27100	8.1
40	1.8	3590	3670	8850	1700	5650	33500	10.0
50	1.8	3950	3970	9600	1800	6050	41000	12.2
60	1.8	4310	4270	10350	1900	6550	51000	14.9
70	1.8	4670	4450	10900	2000	6950	56600	17.5
80	1.8	5030	4630	11300	2000	7350	62300	19.0
90	1.8	5390	4930	11650	2100	7750	71000	22.0
100	1.8	5750	5110	11800	2100	8100	75800	23.4
110	1.8	6110	5290	11950	2100	8450	81000	25.3

* including insulation

** including insulation, refractory, valves and recommended burner