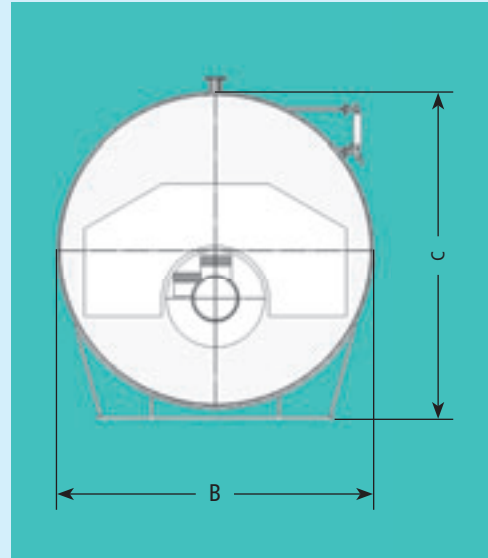
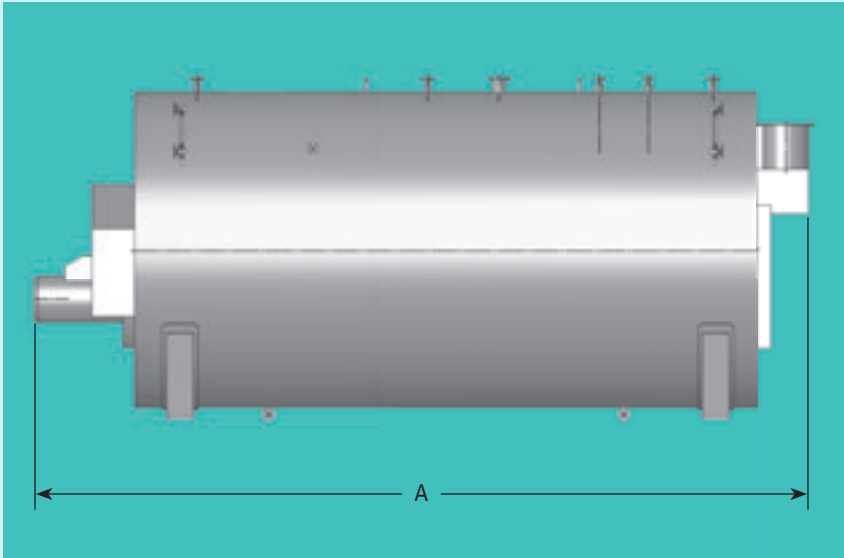


Capacity	up to 10 t/h
Design pressure	up to 1.2 MPa

Design Features

The FMB-HF is a horizontal three-pass fired boiler. Due to the third pass in the convection part the efficiency is the highest possible for marine boilers. The heat transfer is performed through the corrugated or plain flame tube furnace and a number of plain smoke tubes. These smoke tubes and the furnace can be easily accessed for cleaning and maintenance purposes through the reverse chamber doors. The exhaust gas section is designed with plain smoke tubes.



Steam capacity t/h	Design pressure MPa	A mm	B* mm	C mm	Boiler dry weight** kg	Water volume at NWL m ³	Recommended burner type***
1.5	1.0	5000	2310	2560	9000	6.7	SKVJ-M 14
2.5	1.0	6000	2410	2700	10700	8.3	SKVJ-M 18
3.5	1.0	6100	2610	2900	13300	11.0	SKVJ-M 28
5.0	1.0	6700	2710	3000	16000	12.9	SKVJ-M 46
6.0	1.0	6700	2810	3100	17700	15.5	SKVJ-M 46
8.0	1.0	7300	3060	3350	22600	20.2	SKV-A 68
10.0	1.0	7800	3160	3450	25600	22.4	SKV-A 82

* including insulation

** including insulation, refractory, valves and recommended burner

*** please note that recommendation of burner type is based on 60Hz frequency, for 50Hz applications, the burner type may be different

Dimensions A, B and C as well as weight and water volume may differ for systems with forced circulation exhaust gas economisers which use the FMB-HF boiler as steam separator.