

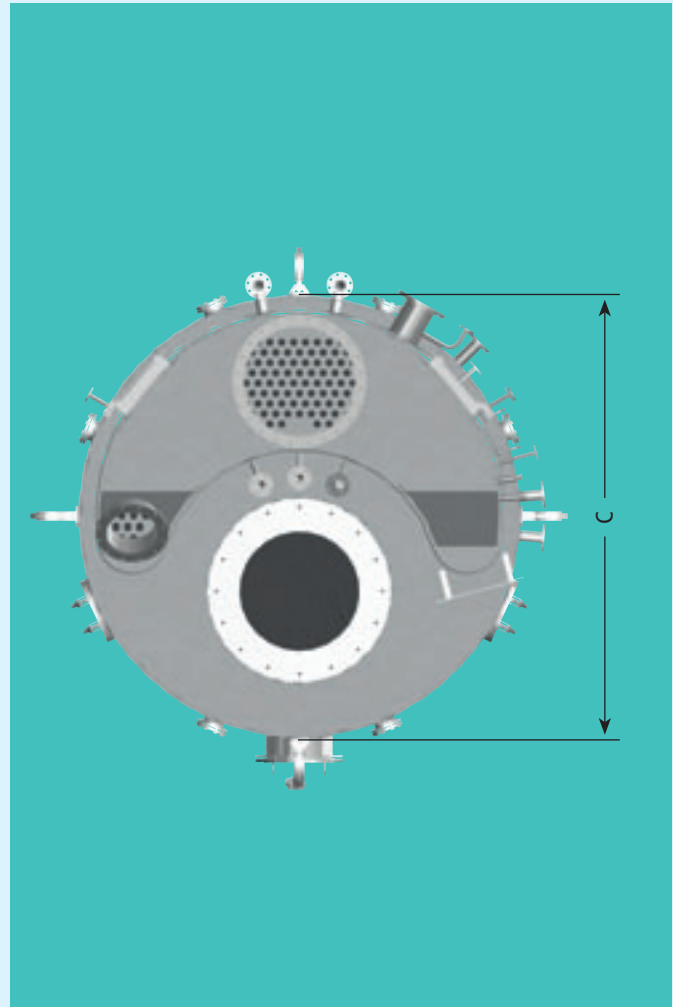
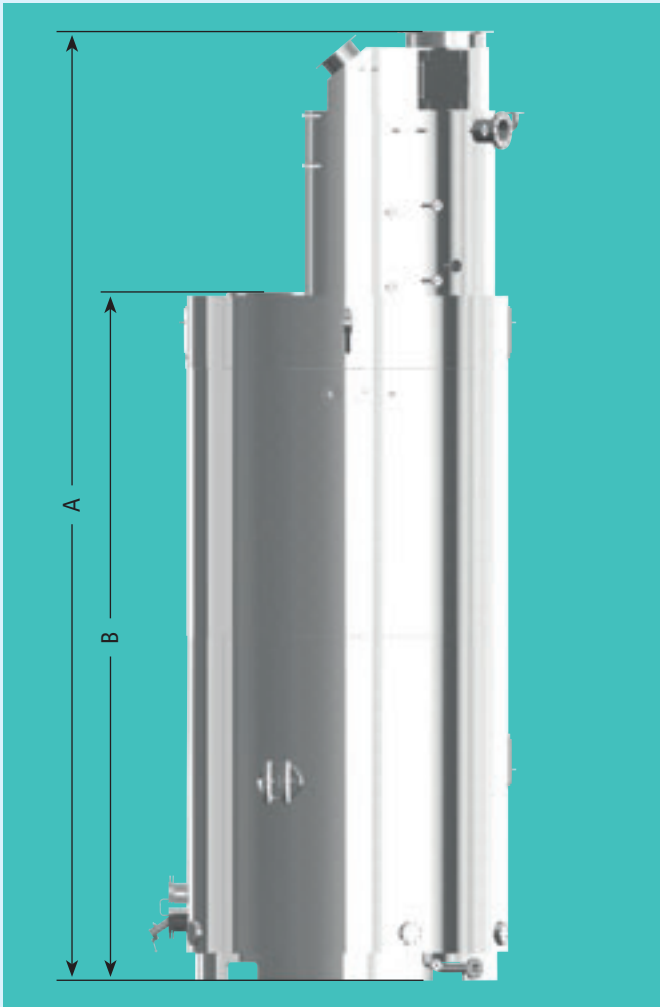
Capacity	up to 18 t/h
Design pressure	up to 1.0 MPa

Design Features

The FMB-VF-LONOX is a vertical two-pass fired boiler. Heat transfer is performed through the corrugated or plain flame tube furnace and a number of plain smoke tubes. The new design of the flame tube entrance for burner mounting allows a minimum of burner refractory which significantly enhances operational reliability.

Low NO_x Application

The FMB-VF-LONOX boiler is designed to incorporate proven Low NO_x Combustion Systems. In order to meet lowest emission levels the boiler package is equipped with flue gas recirculation. Flue gas recirculation, in conjunction with Marine Gas Oil (MGO) fuels, enables compliance with current and known future emission regulations and will allow boiler operation in ports worldwide. For Heavy Fuel Oil (HFO) firing the combustion system can be equipped with water injection to improve solid particle emission levels.



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***
6	1.0	7350	6600	2200	15800	8.6	SKV 50
8	1.0	7650	6900	2450	19000	11.3	SKV 60
10	1.0	8050	7300	2600	22400	13.2	SKV 80
12	1.0	8400	7650	2750	25900	15.5	SKV 100
15	1.0	8800	8050	3000	31500	19.7	SKV 150
18	1.0	9200	8450	3150	35800	22.4	SKV 150

* 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-VF-LONOX boiler as steam separator.

Dimensions vary when gas is used as fuel.