

Technical data sheet

Exhaust gas marine boiler/economizer EMB/EME-VST

SAACKE MARINE SYSTEMS

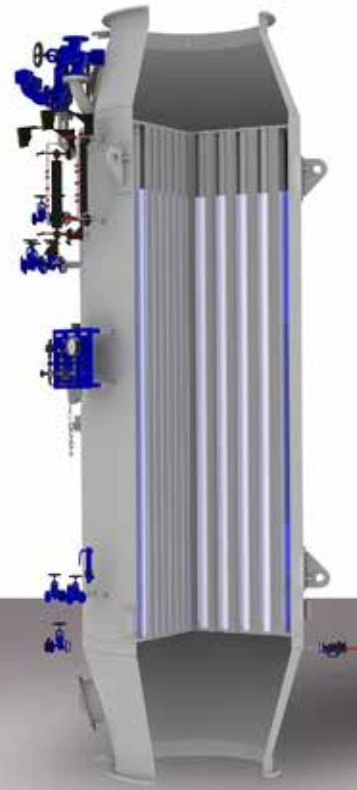
LNG carriers

Dry cargo vessels

FPSO applications

Passenger vessels

Tankers



Exhaust Gas Marine Boiler/Economizer EMB/EME-VST

The EMB/EME-VST is a vertical smoke tube exhaust gas boiler respectively economizer that also fulfils partly the function of a silencer in the exhaust gas system.

The heat transfer is performed through plain smoke tubes which are easy to clean. The exhaust gas boiler EMB-VST has its own steam space and therefore it works independently from other boilers in the system. The exhaust gas economizer EME-VST has to be connected to a boiler or a separate steam drum by means of forced circulation. The EMB/EME-VST is suitable for dry running in emergency case.

Technical data: EMB/EME-VST

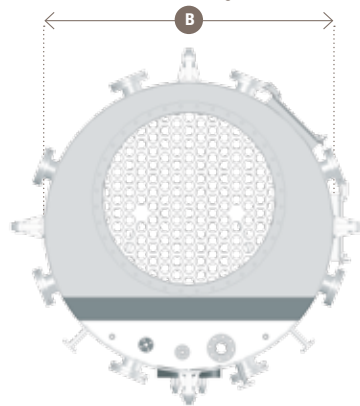
Steam capacity	On request
Design pressure	Up to 2.2 MPa

Dimensions EMB/EME-VST

Side view



Plan view



Product information

- ↳ Vertical smoke tube exhaust gas boiler respectively economizer
- ↳ Easy to clean
- ↳ EMB-VST works independently from other boilers in the system
- ↳ Suitable for dry running in emergency case
- ↳ For liquid and gaseous fuels

Boiler data

Steam capacity	Design pressure	Main engine	A*	B**	Dry weight***	Water content at NWL
t/h	MPa		mm	mm	kg	m ³
1.7	1.0	MAN B&W 12V 46/60, at 100 % MCR ISO condition	4,500	2,350	10,000	5.0
2.0	1.0	MAN B&W 18V 48/60, at 100 % MCR ISO condition	4,800	2,450	16,000	5.5
3.5	1.0	MAN B&W 8K 98 MC-C, at 90 % MCR ISO condition	6,300	3,350	30,000	15.0
4.5	1.0	MAN B&W 8K 98 MC-C, at 90 % MCR ISO condition	6,900	3,650	36,500	21.0

* including gas hoods ** including insulation *** including insulation and valves

