

## Technical data sheet

Exhaust gas marine economizer EME-VFT

**SAACKE** MARINE SYSTEMS

LNG carriers

Dry cargo vessels

FPSO applications

Passenger vessels

Tankers



# Exhaust Gas Marine Economizer EME-VFT

The EME-VFT is a classic vertical exhaust gas economizer with forced circulation that also fulfils the function of silencer in the exhaust gas system. Heat transfer is performed through water tubes with extended heating surface, created by the application of fins to the tubes.

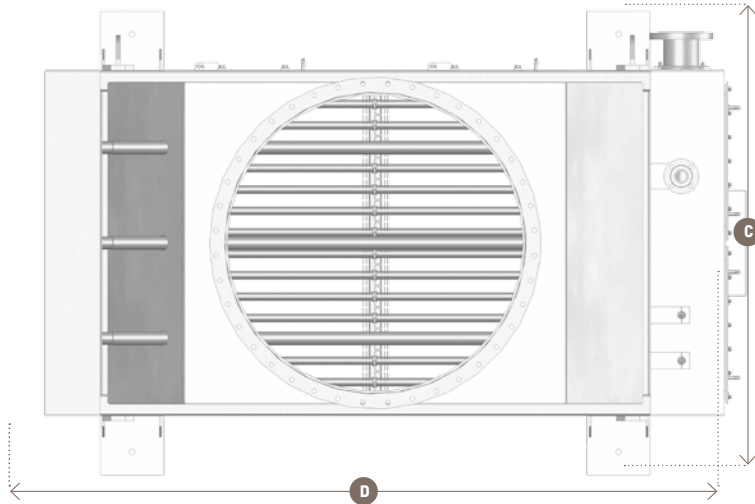
The water tubes are grouped in extractable modules. Each module can be removed independently from the economizer casing for maintenance and repair. The external arrangement of the horizontal collectors allows to partly isolate and shutdown one or more modules. For easy cleaning, the economizer is equipped with fixed water washing nozzles, soot blowers and inspection doors. In emergency case the EME-VFT can run in dry condition.

### Technical data: EME-VFT

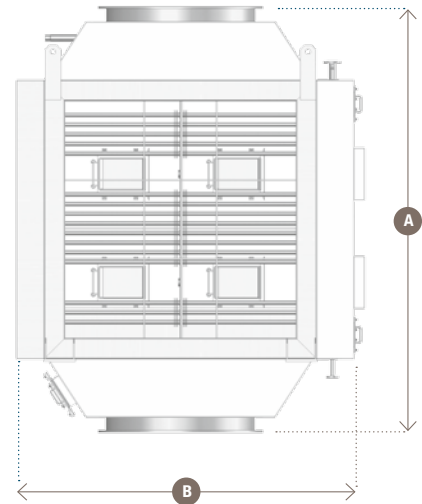
Steam capacity	On request
Design pressure	Up to 2.2 MPa

## Dimensions EME-VFT

Plan view



Side view



### Product information

- ↳ Classic vertical exhaust gas economizer with forced circulation
- ↳ Water tubes are grouped in extractable modules
- ↳ Easy maintenance and repair
- ↳ Runs in emergency case also in dry condition
- ↳ For liquid and gaseous fuels

### Economizer data

Steam capacity	Design pressure	Main engine	A	B	C	D	Dry weight*	Water content at NWL
t/h	MPa		mm	mm	mm	mm	kg	m <sup>3</sup>
3.0	1.2	Wärtsilä 16V 46, at 85 % MCR ISO condition	4,090	3,220	2,190	3,320	9,200	0.6

\* including insulation and valves

