

Grease Interceptor for CleanSewage-BIO

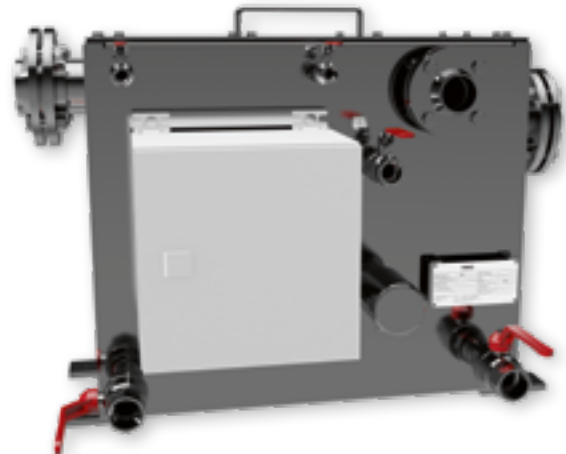
RWO

State-of-the-Art Galley Water Pre-Treatment

Waters originating from ship galleys contain grease, fats, oils and food waste. The Grease Interceptor works using the principle of gravity; Substances heavier than water settle down while lighter substances, such as grease and oil, rise. Galley water pre-treated in the Grease Interceptor can then be fed to RWO's wastewater treatment systems for further treatment. The system is part of RWO's **Total Water Management** offer.

Design

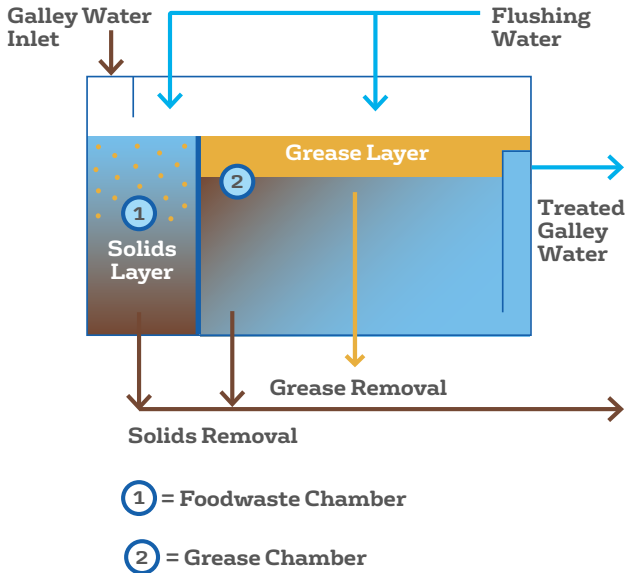
- > Compact and robust design in stainless steel 316Ti
- > Two-chamber process, designed in accordance with DIN EN 1825-1:2004
- > Cleaning-in-place (CIP) philosophy
- > Optional: An electrical heating system for grease removal and a 360° spraying system for flushing for minimal maintenance effort



Grease Interceptor for galley waste water pre-treatment

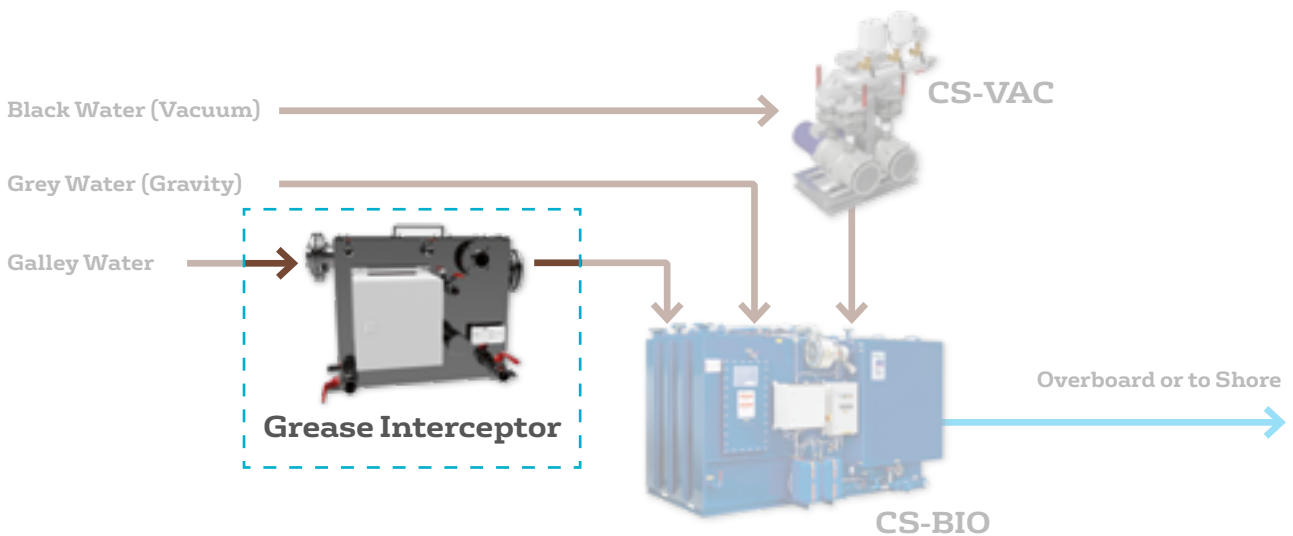
How it Works

The Grease Interceptor separates particles, fat, oil and grease (FOG) acc. to their density. It consists of a foodwaste and a grease retaining section. While heavier particles settle down and are collected in the lower section of the foodwaste chamber, grease and oils float on the upper part of the grease chamber.



Key Features & Benefits

- > Easy removal of solids and grease (dispose onboard or ashore)
- > Legal and safe operation while discharging
- > Expected lifetime exceeds industrial average even with difficult, acidic or super-alkaline waters
- > No consumables required for operation
- > No bad odour during normal maintenance
- > Accessibility from one side only



Type	# People	Collection Capacity		Dimensions L x W x H mm	Weight	
		Grease l	Sludge l		Net kg	Wet kg
GI	On-board					
20	up to 20	6.2	15.5	832 x 360 x 661	55	142
50	up to 50	13.4	33.5	902 x 460 x 661	73	213
100	up to 100	20.8	52	1132 x 580 x 661	91	296

According to: MARPOL 73/78 Annex V