

# Grease Interceptor for CleanSewage Bio

RWO  VEOLIA

## 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 the water settle down while lighter substances, such as grease and oil, rise. Galley waste 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.



**WATER TECHNOLOGIES**

Type	# of People	Collection Capacity (L)		Dimensions (mm)			Weight (kg)	
		Grease	Sludge	L	W	H	dry	wet
<b>20</b>	up to 20	6,2	15,5	832	360	661	55	142
<b>50</b>	up to 50	13,4	33,5	902	460	661	73	213
<b>100</b>	up to 100	20,8	52	1132	580	661	91	296

According to: • MARPOL 73/78 Annex V • IMO MEPC.227(64) Annex IV

## Your key 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
- > Various optional models available for each size
- > No consumables required for operation
- > No bad odour during normal maintenance
- > Accessibility from one side only

## 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 can be installed in case of aggravating circumstances

## How it works

The Grease Interceptor system consists of a sludge (1) and a grease retaining section (2). While heavier particles settle down and are collected in the lower section of the sludge collection, rising grease and oils are isolated in the upper part of the grease retaining section.

