

Bilge Economiser Oil-water separation system



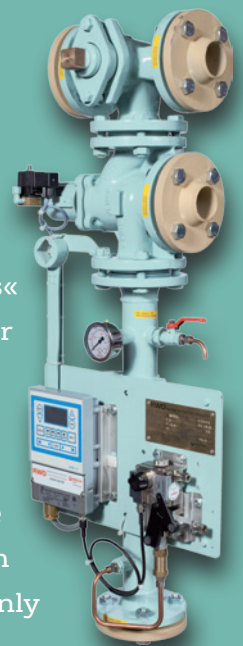
A small issue with big outcome

On board every ship, so called 'clean drains' are treated in oil-water separation systems and strain machines and resources. These clean drains usually consist of leakage of and condensate from equipment used for seawater, fresh water, steam, air conditioning, etc., which are usually not contaminated by oil.

Based on the IMO guidelines for »Integrated bilgewater treatment systems« (IMOMEPC.1/Circ.642), RWO has developed the **Bilge-Economiser**.

The **Bilge-Economiser** allows ship operators to discharge so called »clean drains« overboard without any further treatment.

As a consequence the bilge water volume handled by the oily water separator is much smaller, which reduces not only operating cost significantly.



BilgeEconomiser

Detect clean drains and economise your oil-water separation

Your advantages

- > Increased cargo capacity due to smaller bilge holding tank
- > Fewer operations of OWS required (not allowed in certain areas/ports)
- > Smaller oily water separator (reduced capex)
- > Increased maintenance intervals and reduced labour cost

How it works

The BilgeEconomiser is an easy to operate stand-alone oil monitor with automatic and manual 3-way valves and is installed after the discharge pump of the clean drain holding tank. As long as the oil content of the clean drain is below the set discharge limit value, it is discharged directly overboard. Whenever the oil content exceeds the set limit value it is diverted to the bilge holding tank for further treatment by the oily water separator.

