

Adsorber Cartridges for OWS-COM

RWO  VEOLIA



For high efficiency
removal of free, dispersed
and emulsified oils
from water.



WATER TECHNOLOGIES

How it works with RWO's OWS-COM

RWO's oily water separator **complies with the latest IMO Resolution MEPC.107(49)** using the combination of the highly effective open permeable **original RWO coalescer** together with a second stage emulsion breaking oil and hydrocarbon polisher.

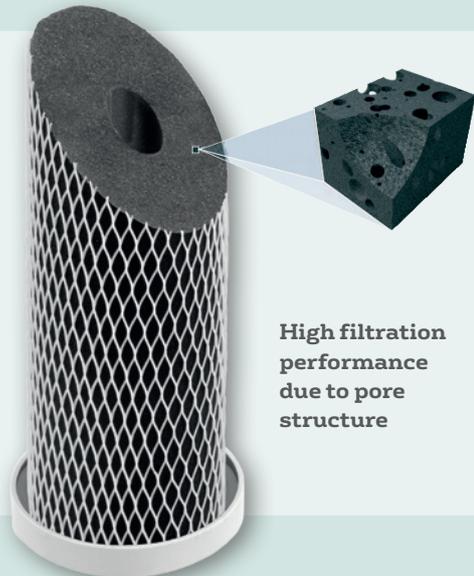


Core components within the polisher stage are the activated carbon cartridges. These are specifically designed and manufactured for **high efficiency** removal of free, dispersed and emulsified oils from water.

The activated carbon adsorbs the hydrocarbons and actually bonds the oil **in a very short time**. The water flows radial into the cartridge and the adsorption media instantly encapsulates and solidifies the oil.

Your key benefits

- > **Easy handling** and operation
- > **More than twice the service life** compared to other cartridges
- > **No oil release** once adsorbed, cartridge **blocks after saturation**
- > **High efficiency removal** of all strong emulsified oil
- > **Fulfills requirements** of < 5ppm
- > **Less exchange intervals**
- > **Reduced labour costs**
- > **Significant improvement of the total costs of ownership**



High filtration performance due to pore structure

Product specifications

The adsorption cartridges have been specifically developed and manufactured for the high efficiency removal of dissolved and dispersed oil from marine bilge treatment systems.

Technical specifications

- > Activated carbon adsorption media
- > Length 10"/20"
- > Works in maximum filter fineness
- > Efficiency more than 99%
- > Operates in a wide range of temperatures
- > Constructed using heavy-duty materials



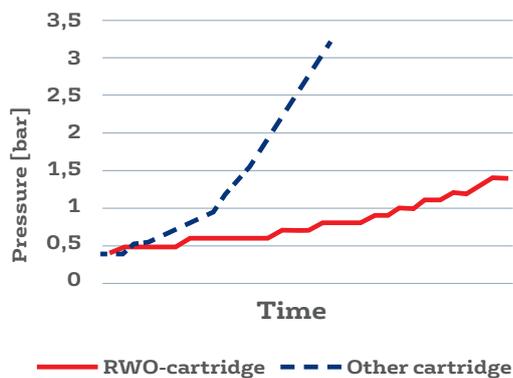
RWO's adsorber cartridges exceed the latest IMO-test requirements!

Extensive tests based on IMO regulations have proved that:

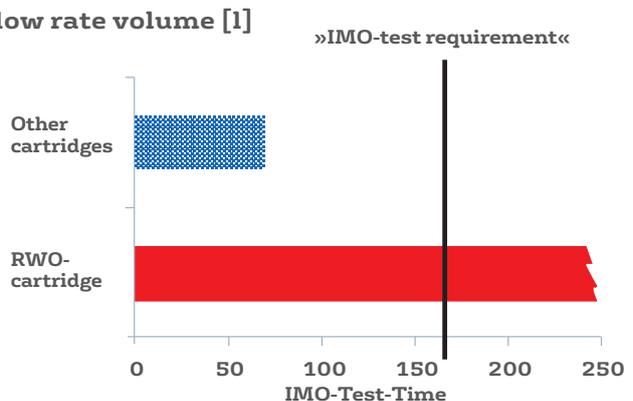
- > RWO adsorber cartridge has **more than 2 times longer lifetime** than other cartridges,
- > its differential pressure increases at a reduced rate leading to **later cartridge saturation**.

A high and certified performance of our system can only be achieved by using original RWO parts!

Performance results



Flow rate volume [l]



Resourcing the world

SALES

de-vwst.sales.rwo@veolia.com

SPARES

de-vwst.spare.rwo@veolia.com

SERVICE

service.rwo@veolia.com

Veolia Water Technologies Deutschland GmbH
Gerold-Janssen-Str. 2 • 28359 Bremen/Germany
Phone: +49 421 53 705-0 • Fax: +49 421 53 705-440
Veoliawatertech.bremen@veolia.com • www.rwo.de