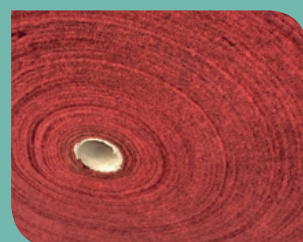


The complete Bilge Water Solution: OWS-COM



RWO  VEOLIA

High performance
guaranteed due to original
components, spares and
after sales service



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**.

reliably reaches

**5 ppm
limit**

confirmed by
DNV GL and LR

> **type
approved**

acc. to MEPC.107(49)
by DGVV

> **confirmed by**

USCG, LR, MED, RMRS,
RRR, ABS, BV, CCS



Core components within the polisher stage are the **original RWO 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 radially into the cartridge and the adsorption media instantly encapsulates and solidifies the oil.

Effective two-stage-filtration:

- > High performance adsorber cartridge
- > Especially developed and optimised open permeable coalescer
- + High precision Oil monitor Device (OMD)
approved according to IMO Res. MEPC.107(49)

Your key benefits

- > Most economical: second stage is bypassed whenever possible
- > Easy to install and maintain
- > Safe operation: Oil Monitoring device always checks oil content of effluent
- > Suction type: extends pump lifetime due to reduction of attrition
- > Most compact: suitable for new builds as well as retrofits
- > Improved hydrodynamics for longer polisher lifetime

Worldwide Sales & Service Network



Still close by

RWO's network of more than 40 qualified sales and service centers throughout the world ensure customer benefits due to the short communication links and short response times. Thereby, our wide ranging expertise and our products, as well as services have made us a reliable partner in the maritime industry.

Spare parts

RWO offers original spare parts for all types of water treatment applications.

Please contact us for further information: de-vwst.spares.rwo@veolia.com



Service

Depending on our customers' demands, we offer an individually designed range of services. With our large service network, and our competence in process engineering, we have optimized our service offer.

The service range includes:

- > Full service including preventive maintenance, repairs, spare parts supply, replacement of filter material, troubleshooting
- > Optimization and updating of the control and measuring technology
- > Support helpline: standby with agreed response times
- > Training of the operating staff

Second stage OWS-COM

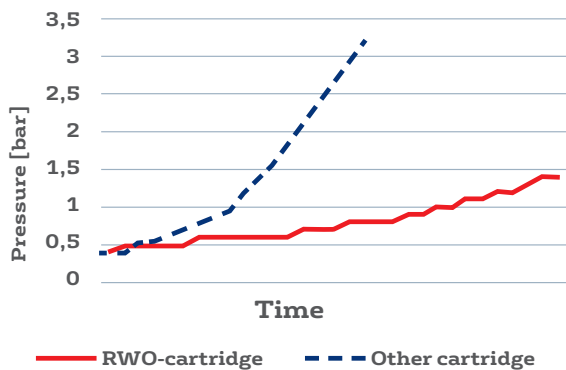
Adsorber Cartridge – high filtration performance

Technical specifications

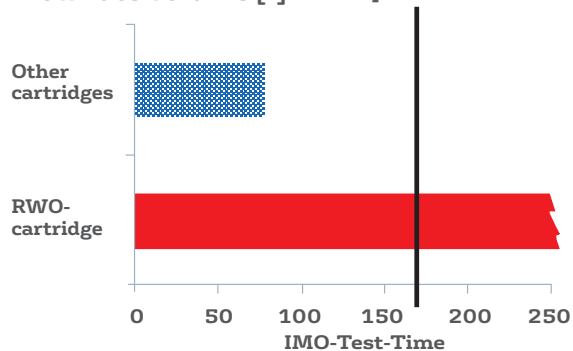
- > Length 10"/20"
- > Efficiency more than 99%
- > Operates in a wide range of temperatures
- > Constructed using heavy-duty materials
- > Works at maximum filter fineness
- > Activated carbon adsorption media



Performance results



Flow rate volume [l]



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
- > Extended exchange intervals
- > Reduced maintenance costs
- > Significant improvement of total costs of ownership

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!



First stage OWS-COM

Coalescer – especially developed and optimised



Designed for efficient separation of free oil by coalescent effect optimised for automatic backflush to secure long lifetime.

Your key benefits

- > High performance material mix, developed for specific filtration demands
- > Unique production method in order to secure top quality requirements according to original equipment standards
- > Engineered for long lifetime operation



Consumables Kit for OWS-COM and SKIT DEB

Your equipment's effectiveness and reliability guaranteed

Key benefits of your consumable kit

- > Annual saving of handling and freight costs
- > Minimized lifecycle costs
- > Easy budget planning
- > Improved OWS performance with OEM-parts
- > Minimized unexpected failures
- > Keeping downtime at a minimum
- > Ensuring operational efficiency
- > Correct and timely maintenance
- > One stop shopping

Consolidate your shipment by choosing main components for an optimum, safe and reliable performance of OWS-COM/Skit S DEB including:

- > Coalescer
- > Adsorber cartridges
- > Gaskets
- > and more



Resourcing the world

SALES

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SPARES

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SERVICE

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