OWS-COM
Oily Water Separator

Complying with your challenges fulfilling the 5 ppm standard
RWO’s classic: Oily Water Separators

More than 14,000 ships have already been equipped with RWO’s oily water separators since RWO started its business in 1975. The OWS-COM system uses a combination of highly effective open porous coalescer with automatic backflushing, together with a second stage emulsion breaking oil and hydrocarbon polisher. The periodical backflushing keeps the coalescer surface clean and offers long lasting operation according to IMO Resolution MEPC.107(49). The OWS-COM is part of RWO’s leading Total Water Management offer.

Your key benefits

- Most economical: second stage is bypassed whenever possible
- Easy to install and maintain
- Safest: Oil Monitoring device always checks effluent
- Suction type: preserves pump from attrition
- Most compact: suitable for newbuilds and retrofit
- Improved hydrodynamics for longer polisher lifetime

Automatic bypass

To extend the operating life of the demulsifier, an automatic bypass is fitted to the separating system. The oil content monitor periodically checks the water quality of the first stage separator. If below the set max. value, the demulsifier is bypassed. This results in lower operational cost and long product life.
Oil content monitor

The RWO oily water separating system is equipped with a 15 ppm oil content alarm device, type tested and approved in accordance with IMO Resolution MEPC.107(49). During flushing of the alarm device the 3-way diverting valve is in recirculation mode (automatic stopping device).

According to IMO Resolution MEPC.107(49) an extra 3-way valve is installed downstream of the oily water separator in the overboard line to recirculate the water to the bilge whenever required during Port State Control.

Technical Data OWS-COM

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<th>Type</th>
<th>Capacity (m³/h)</th>
<th>A (mm)</th>
<th>B (mm)</th>
<th>C (mm)</th>
<th>Power (kW)</th>
<th>Empty weight (kg)</th>
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- Data are subject to change without further notice -
Resourcing the world

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