

Facelift version Up to 30% more compact

SKIT/S-DEB · Suction Type Oily Water Separator

Complying with new challenges, fulfilling the **5 ppm** standard!

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Solutions & Technologies



Facelift version

- 😡 even more compact footprint
- 🕠 more modern design
- complying with new 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. As its predecessors the SKIT/S-DEB type 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 without attendance and lowest maintenance, according to IMO Resolution MEPC.107(49).

The excellent and long experience with the RWO coalescing type oily water separator guarantees a high performance standard.



Your advantages

The SKIT/S-DEB's come as complete package, skid mounted with all necessary accessories and controls. It provides the following benefits:

- exceptionally high purity levels < 1 ppm oil content in the effluent under IMO conditions
- USCG type approval certified
- EMV-Electromagnetic Compliance
- Class Notations "Clean Design" and Alaska-Rules conformity
- Process Unit upgrade and retrofitting of RWO separators SKIT/S to comply with IMO-MEPC.107(49) possible
- easy to install and easy to handle
- worldwide service & support
- O Unit upgrade and retrofitting

SKIT/S-DEB 2.5

IMO RES. MEPC. 107 (49) SBG · RMRS CCS · USCG Approved

Automatic bypass ensures economical operation

To extend the operating life of the demulsifier, an automatic bypass is fitted to the separating system. The oil content measuring device periodically checks the water quality of the first stage separator and, if below of the set max. value, the demulsifier is bypassed until the set alarm is activated. This process control causing a considerable life cycle prolongation.

Oil content monitor

The RWO oily water separating system is equipped with the 15 ppm oil content alarm device, type tested and approved in accordance with IMO Resolution MEPC.107(49).

The 3-way cock for flushing is fitted with a contact to ensure that 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.



Fulfilling the 5 ppm standard! Confirmed by:

- Confirmed by:
- Germanischer Lloyd (GL)
- Lloyd's Register
- O Det Norske Veritas





Technical Data SKIT/S-DEB

Туре	Capacity (m³/h)	A	В	с	D	E	Power kW	Empty weight kg
0.1	0.1	1100	715	650	_	-	0.5	110
0.25	0.25	1035	970	745	865	435	2.0	195
0.5	0.5	1070	950	835	880	500	2.7	240
1.0	1.0	1220	1135	840	1040	450	2.7	270
	1.5	1415	1185	910	1090	500	2.7	350
2.5	2.5	1663	1190	1015	1125	780	3.0	530
5.0	5.0	1920	1635	1366	1590	930	4.0	895
10.0	10.0	2170	1965	1585	1880	1300	4.5	1360

- Data are subject to change without further notice -



For information only.

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558 Recirculation to bilge tank





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