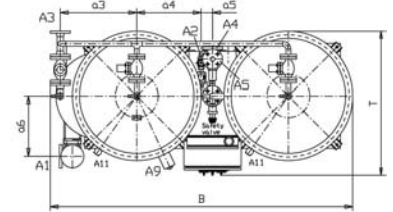
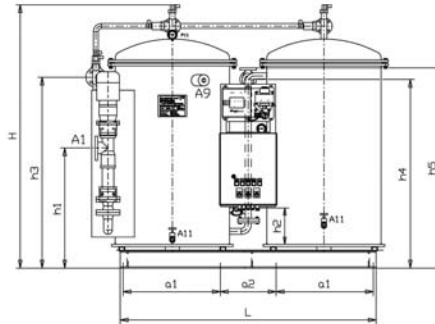
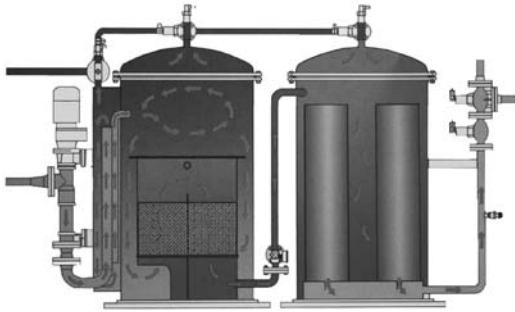


**OIL WATER SEPARATORS  
MODEL DVZ - FSU "OILCHIEF"**

An interplay of coalescence and fine separation realizes an oil content of less than 15 ppm according to IMO Resolution MEPC 107 (49) in treated water.



**3-Step System**

**Step 1: Separates**

The delivery pump brings the untreated water from the bilge or the bilge tank and delivers it to the coarse separation. This is where the free oil is physically separated from the water and automatically feeds into the oil collection tank. The remaining liquid is then delivered to the main separation stage and set in rotation by a hydrocyclone (centrifuge).

**Step 2: Processes**

When a defined oil quantity has accumulated in the oil collection chamber, it is automatically discharged to the waste oil tank. During this stage, the oil-water phase is diverted by 180° and routed vertically from the bottom to the top, where tiniest oil drops combine and then rise by gravity up to the oil collection chamber for separation. Solids settle in the bottom area of the separator and can be drained off as required.

**Step 3: Refined Processing**

The core components of this stage allow the treatment of oil-water mixtures in accordance with IMO resolution MEPC 107 (49) with a residual oil content of less than 15 ppm. After this stage, the treated water is continuously monitored by an oil-in-water monitor and automatically routed, by a 3-way valve, overboard or back to the bilge if the oil limit value is exceeded.

Available in stainless steel or shock mounted. Please specify.

Option: type-tested fine separation bypass function, which automatically bypasses the fine separation stage when the oil content is less than a preset level.

TYPE Capacity	FSU 250 250 l/h	FSU 500 500 l/h	FSU 1000 1000 l/h	FSU 2500 2500 l/h	FSU 5000 5000 l/h	FSU 10000 10000 l/h
B [mm]	960	1155	1155	1620	2120	3050
H [mm]	1200	1250	1350	1640	1840	1920
T [mm]	765	835	835	890	1060	1350
L [mm]	820	960	960	1310	1790	2550
a1 [mm]	275	335	335	470	680	990
a2 [mm]	230	250	250	350	380	520
a3 [mm]	210	260	260	388	535	765
a4 [mm]	252	290	290	410	530	755
a5 [mm]	125	155	155	90	110	185
h1 [mm]	560	650	650	655	840	980
h2 [mm]	240	250	250	255	255	275
h3 [mm]	775	880	980	1260	1460	1450
h4 [mm]	975	975	1075	1295	1320	1290
h5 [mm]	1010	1010	1110	1375	1410	1390
d [mm]	d 324	d 406	d 406	d 600	d 800	d 1250
A1	DN 25	DN 25	DN 25	DN 50	DN 50	DN 80
A2	R 3/4"	R 3/4"	R 3/4"	R 3/4"	R 3/4"	R 3/4"
A3, A4, A5	R 3/4"	R 3/4"	R 3/4"	DN 25	DN 25	DN 40
Empty weight kg	360	460	480	840	1120	2260
Operation weight kg	490	684	728	1700	2500	5460

Subject to technical modifications without notice.



**KYODO USA**  
17-01 Pollitt Drive, Fair Lawn, NJ 07410  
Tel: +1 201.703.1400 / Fax: +1 201.703.1454  
sales@kyodousa.com / www.kyodousa.com  
TradeNet ID 69169

DVZ-FSU "OILCHIEF"® made by:  
**DVZ SERVICES**  
www.dvz-services.de