



OILY WATER SEPARATOR

Filtek has introduced a BilgeKleen, an oily water treatment Unit to separate oil from water and transfer the clear water back to the tank. This consists of a compact coalescer unit to remove floating petroleum products from water / coolant tanks using a floating skimmer and coalescing plates and media. A floating skimmer connected to a suction pump is placed in the bilge tank and transfers the oily water in a separate coalescer tank where the oily water is dispersed through parallel plates. The coalescing media helps to collate smaller oil droplets into bigger droplets causing oil to float on surface of a liquid and eventually separate out through the tank skimmer in a separate oil collection tank. Clear water is recirculated through a Lloyds approved patented cartridge back to the bilge tank to ensure 15 ppm discharge. The unit will be effective when the bilgetank is stationery and not when the vessel is in motion.



Floating skimmer



Coalescer Unit



Results

Specifications :

Oil Skimmer Assly	15" dia
Float Assly	4 x 5" SS balls with suction arrangement
Flow rate	25 LPM to 70 LPM
SS Coalescer Tank LBH	600 x 400 x 500 mm for 1.5 m3/hr
	1160 x 400 x 500 mm for 2.5 m3/hr
	1500 x 600 x 500 mm for 4.0 m3/hr
Motor + Pump	Single phase 110VAC/60Hz motor with suitable pump
Optional Transfer Pump	Single phase 110VAC/60 Hz motor with suitable pump
Control Panel	Pump operation switch, Hour Meter, Overload protection, Indicating lamps.

BENEFITS:

1. Reduce load on the main OWS consumables.
2. Water output of 15 ppm discharge as per MARPOL regulation.
3. Minimal consumable costs
4. Cost effective solution
5. User friendly