MARINE OIL WATER SEPERATOR

YSZ Serie Marine Oily Water Separator

ISO9001 Supplier

Class Certificate

Export Supply

Product Description: YSZ series 15 PPM bilge water separator is designed and manufactured according to IMO resolution MEPC.107(49).Guidelines and specifications for pollution revention equipment for machinery spa...



Key Highlights

Category	Marine Oil Water Seperator
Standard	ISO
Weight / Size	With compact structure,small size and light weight,this device provides ...
Certificate	CCS,GL,BV etc.

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications			
Category	Marine Oil Water Seperator	**Model / SKU**	YSZ-Serie-Marine-Oily-Water-Separator
Standard	ISO	**Weight / Size**	With compact structure,small size and light weight,this device provides large treatment capacity and high reliability.as well as being able to be operated and maintained easily.
Surface	The separator adopts three- stage filtering mode.Bilge water is pumped into the first stage oil-filtering room by the bilge water pump.where the first stage operation is performed using the specific garvity difference of oil and water and the floating oil is separated from the water through the method of gravity.Small oil particles are coalesced together through the coalescer in the second stage oil-filtering room,and then be separated and float to the surface.	**Certificate**	CCS,GL,BV etc.
Warranty	12 Months unless specified otherwise	**Origin**	China

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Product Description:

YSZ series 15 PPM bilge water separator is designed and manufactured according to IMO resolution MEPC.107(49).Guidelines and specifications for pollution revention equipment for machinery space bilges of ships.This device is used for the treatment of bilge oil water mixture without sediment of various ships and separating oil and water of mixture.

With compact structure,small size and light weight,this device provides large treatment capacity and high reliability.as well as being able to be operated and maintained easily. The YSZ series 15 PPM bilge separator is providing with auto / manual heating,automatic effluent discharge,automatic clarm and automatic recording of the operating procedure. When used as need can be auto / manual switch and convenient to discharge oil manuaaly. The device is equipped with prassive alarm signal interface to provide remote control signal,and it is especially suitable for a high degree of automation of ships.

Principle:

The YSZ series 15ppm bilge separator is a gravity-type and isolating-type oil-filting device. It is composed of separator,special purpose pump,electric control box,15 ppm bilge alarm device,suction filters and other pipelines,valves and fittings. The separator adopts three- stage filtering mode.Bilge water is pumped into the first stage oil-filtering room by the bilge water pump.where the first stage operation is performed using the specific garvity difference of oil and water and the floating oil is separated from the water through the method of gravity.Small oil particles are coalesced together through the coalescer in the second stage oil-filtering room,and then be separated and float to the surface. Treated bilge water satisfying the discharge standard through the second stage treatment,and then the third-stage dialysis apparatus will be put into operations automatically to enable the emulsified oil to be separated oil and water and the bilge water to meet the discharge standard. The separated dirty oil is collected in the top of oil-filtering room. When the collected dirty oil reaches certain amount,it will be automatically discharged to the dirty oil tank.

Available Model:

Model Number		YSZ-0.1	YSZ-0.25	YSZ-0.5	YSZ-1	YSZ-1.5	YSZ-2	YSZ-3	YSZ-4	YSZ-5
Treatment capability (m3 per hour)		0.1	0.25	0.5	1	1.5	2	3	4	5
Discharging standard		Equal or less than 15ppm,satisfy with IMO MEPC.107 (49)								
Working pressure		Equal or less than 0.3 Mpa								
Plunger pump	Model	DZ-100	DZ-250	DZ-500	DZ-1000	DZ-1500	DZ-2000	DZ-3000	DZ-4000	DZ-5000
	Discharing pressure(Mpa)	0.3								
	Suction lift(m)	6								
	Motor power(kw)	0.12	0.18	0.25	0.37	0.75	0.75	1.1	1.5	1.5
Electric heating power		1	1		2			2~3 3~5		
Power supply		3 Phase 380V 50HZ, 3 Phase 440V 60HZ								
Control mode		Automatic								
Oil drainage mode		Automatic or manual								
Weight(kg)		205	350	490	600	860	890	1100	1950	2310


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