

MARINE OIL WATER SEPERATOR

YSZ-2.0 15ppm Bilge Oily Water Separator

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ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Marine Oil Water Seperator
Standard	DIN
Weight / Size	The device has characteristics of compact structure, small volume, light...
Certificate	CCS BV

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

Technical Specifications

Category	Marine Oil Water Seperator	Model / SKU	YSZ-2-0-15ppm-Bilge-Oily-Water-Separator
Standard	DIN	Weight / Size	The device has characteristics of compact structure, small volume, light weight, strong treatment capacity, reliable performance, convenient operation and maintenance etc.
Surface	The condensator in the second grade oil filtering chamber condensates and roughen to enable the tiny oil grain separate and float on the water surface.	Certificate	CCS BV
Warranty	12 Months unless specified otherwise	Origin	China

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YSZ-2.0 15ppm Bilge Oily Water Separator:

It was used to 10000 to 76000 ton marine ship, it meet International maritime organization **IMO.MEPC.107(49)** standard, the water was treated by this equipment, and water's oil content not more than 15PPM then it can discharge in any water area.

Description:

YSZ series 15ppm bilge water separatoris designed and manufactured according to pollution protecting equipment manual and provisions of IMO MEPC.107(49) resolution technical specifications of bilge water of vessel machine location. The device is used for treatment of bilge water of different types of vessels.

The device has characteristics of compact structure, small volume, light weight, strong treatment capacity, reliable performance, convenient operation and maintenance etc. It adopts ways of automatic and manual heating, automatic oil discharging, automatic alarm, automatic recording of operation process etc for work. Oil can be discharged manually if necessary, especially for the vessels which has higher automation degree.

Theory:

YSZ series 15ppm bilge water separator is gravity type oil filtering device. It is composed of separator, special pump, electric control chamber,15ppm bilge water alarm device, include filter assembly and other pipelines, valves and accessories etc. the separator adopts three-grade oil-filtering mode. The vessel bilge water is infused into first grade oil filtering of separator and make use of specific weight difference of water and oil to separate the floating oil from the water in the bilge water. The condensator in the second grade oil filtering chamber condensates and roughen to enable the tiny oil grain separate and float on the water surface. The bilge water after second grade treatment which reaches discharge standard will be drained directly outside board. If the bilge water to be drained reach discharge standard. The dirty oil which was separated accumulates on top of oil filtering chamber. The dirty oil will be discharge into dirty oil tank directly when they accumulate to a certain amount.

Technical Data:

Model Number	YSZ-2.0
Treatment capability (m3 per hour)	2
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-2000
	Discharging pressure(Mpa)	0.3
	Suction lift(m)	6
	Motor power(kw)	0.17
Electric heating power(kw)		2
Power supply		3 Phase 380V 50HZ, 3 Phase 440V 60HZ
Control mode		Automatic
Oil drainage mode		Automatic or manual
Weight(kg)		890

