Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

MARINE OIL WATER SEPERATOR

0.50m3/h Bilge Oil Water Separator

ISO9001 Supplier

Class Certificate

Export Supply

Oil Water Separating Processor: This Marine Bilge Water Separator can treat in bilge water effectively,make the oil content in effluent water≤15ppm,satisfy with the requirements of IMO MEPC.107(49). The d...

Key Highlights

Category	Marine Oil Water Seperator
Standard	DIN
Weight / Size	Rated capacity 0.50 m3 perhour Power of the electric heater 3kw Power of...
Certificate	CCS,BV or EC certificate.

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

Technical Specifications

Category	Marine Oil Water Seperator	Model / SKU	0-50m3-h-Bilge-Oil-Water-Separator
Standard	DIN	Weight / Size	Rated capacity 0.50 m3 perhour Power of the electric heater 3kw Power of the electric motor 0.55kw Outline Dimension(LxWxH) 1100x690x1460mm Base 6# Weight Dry Weight 600 Wet Weight 900 Applicable Vessel 1000-5000DWT Optional electrical system AC 380V/50Hz/3 phase,AC 415V/50Hz/3 phase, AC 440/60Hz/3 phase,AC 480V/60HZ/33 phase.
Certificate	CCS,BV or EC certificate.	Warranty	12 Months unless specified otherwise
Origin	China		

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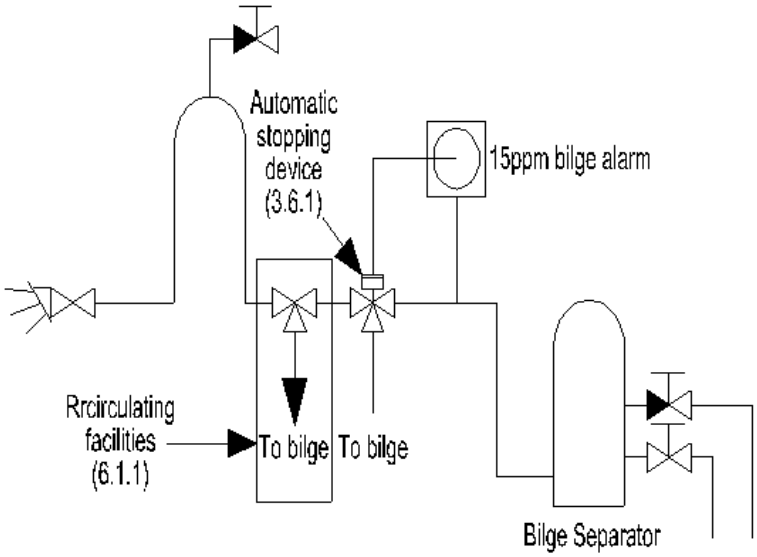
Oil Water Separating Processor:

This Marine Bilge Water Separator can treat in bilge water effectively,make the oil content in effluent water≤15ppm,satisfy with the requirements of IMO MEPC.107(49).

The device adopts the combination of 1st stage, cone plate gravity and coalesce separation

2nd stage, fiber filter and 3rd stage, membrane permeation in order to make the treated bilge water to reach the requirements of discharge standard of the resolution of IMO MEPC.107 (49).



As shown inthe enclosed drawing，bilge water comes into the 1ststage coalescer separator because of the suction of theFeedingpump, that is in a vacuum negative pressure, and it effectively prevents the problem that the bilge water is difficult to be separated because of the emulsion caused by feed pump under pressure. The liquid coming out ofFeedingpump is adsorbed and filtered by the 2ndstage fiber filter, and then goes into the 3rdstage membraneto reach the discharge standard.

There is a 15ppm bilge alarm in the ship cabin to measure the oil content of effluent. If it finds that the oil content of effluent is in an excess of limit, the oil content meter can make order to switch turn it into the 3rdstage, membrane treatment process.

The oil content meter will give an alarm if finds the oil content of effluent is above limit, and the unqualified water pneumaticthree-wayvalveVS6is opened automatically, so that the unqualified water is return to bilge, not to the overboard.

Technical Data:

Rated capacity	0.50 m3 perhour
Power of the electric heater	3kw
Power of the electric motor	0.55kw
Outline Dimension(LxWxH)	1100x690x1460mm

Base		6#
Weight	Dry Weight	600
	Wet Weight	900
Applicable Vessel		1000-5000DWT
Optional electrical system		AC 380V/50Hz/3 phase,AC 415V/50Hz/3 phase, AC 440/60Hz/3 phase,AC 480V/60HZ/33 phase.
Oil content of the discharged water		Not more than 15ppm
Suction head		Not more than 6m-H2O
Pressure of the discharged water		5-10m-H2O