

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

MARINE OIL WATER SEPERATOR

4.00m3/h 15PPM Ship Oily Water Separator

4.00m3/h 15PPM Ship Oily Water Separator: Rated capacity:4.00 m3/h This Marine Bilge Water Separator can treat in bilge water effectively,make the oil content in effluent water≤15ppm,satisfy with the requ...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Marine Oil Water Seperator
Standard	DIN
Weight / Size	Type YWC- Technical Specifications 0.25 0.5 1 1.5 2 2.5 3 4 5 Rated capa...
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 Separator	Model / SKU	4-00m3-h-15PPM-Ship-Oily-Water-Separator
Standard	DIN	Weight / Size	Type YWC- Technical Specifications 0.25 0.5 1 1.5 2 2.5 3 4 5 Rated capacity(m3/h) 0.25 0.5 1 1.5 2 2.5 3 4 5 Oil content of the discharged water Not more than15ppm Power of the electric heater (kw) 1kw 3kw 6 6 6 6 12 12 Electrical System AC 380V、 50Hz、 3φ/ AC 415V、 50Hz、 3φ/AC 440、 60Hz、 3φ/AC 480V、 60HZ、 3φ Power of the electric motor 0.37kw 0.55kw 0.75kw 1.1kw 1.1kw 1.5kw 1.5kw 2.2kw 2.2kw Suction head Not more than 6m-H2O Pressure of the discharged water 5-10m-H2O Outline Dimension (Length×Width×Height) (mm) 1000×600 1100×690 1050×1000 1100×1130 1900×1120 1900×1120 1700×1500 2280×1700 2590×2000 ×1250 ×1460 ×1620 ×1650 ×1700 ×1900 ×1900 ×1900 ×1900 base 5# 6# 6# 6# 8# 8# 8# 10# 10# Weight Dry Weight 400 600 800 1060 1260 1500 1800 2100 2500 Wet Weight 550 900 1200 1650 2260 2800 3200 3900 4600
Certificate	CCS,GL,BV etc.	Warranty	12 Months unless specified otherwise
Origin	China		

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4.00m3/h 15PPM Ship Oily Water Separator:

Rated capacity:4.00 m3/h

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).

Working Principle:

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).



Drawing of Oil Water Separating Processor.png

As shown in the enclosed drawing, bilge water comes into the 1st stage coalescer separator because of the suction of the feeding pump, 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 of the feeding pump is adsorbed and filtered by the 2nd stage fiber filter, and then goes into the 3rd stage membrane to 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 3rd stage, 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 pneumatic three-way valve VS6 is opened automatically, so that the unqualified water is return to bilge, not to the overboard.

Technical Data:

Type	YWC-									
Technical Specifications	0.25	0.5	1	1.5	2	2.5	3	4	5	
Rated capacity(m ³ /h)	0.25	0.5	1	1.5	2	2.5	3	4	5	
Oil content of the discharged water	Not more than 15ppm									
Power of the electric heater (kw)	1kw	3kw	6	6	6	6	6	12	12	
Electrical System	AC 380V、 50Hz、 3φ/ AC 415V、 50Hz、 3φ/AC 440、 60Hz、 3φ/AC 480V、 60HZ、 3φ									
Power of the electric motor	0.37kw	0.55kw	0.75kw	1.1kw	1.1kw	1.5kw	1.5kw	2.2kw	2.2kw	
Suction head	Not more than 6m-H ₂ O									
Pressure of the discharged water	5-10m-H ₂ O									
Outline Dimension (Length×Width×Height) (mm)	1000× 600	1100× 690	1050×1 000	1100×1 130	1900×1 120	1900×1 120	1700×1 500	2280×1 700	2590×2 000	
	×1250	×1460	×1620	×1650	×1700	×1900	×1900	×1900	×1900	
base	5#	6#	6#	6#	8#	8#	8#	10#	10#	
Weight	Dry Weight	400	600	800	1060	1260	1500	1800	2100	2500
	Wet Weight	550	900	1200	1650	2260	2800	3200	3900	4600