MARINE OIL WATER SEPERATOR

ZYFM Series Oily Water Separators

ZYFM series 15ppm bilge separator is a kind of environment protection product designed om international marinetime orianization IMO MEPC.107(49) standard

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Marine Oil Water Seperator
Standard	DIN
Material	Carbon Steel
Weight / Size	Available Model： Model Size Voltage Certification Power (kw) Pump Vacuum...
Certificate	CCS, BV, ABS, GL，LR, NK

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

Technical Specifications

Category	Marine Oil Water Seperator	**Model / SKU**	ZYFM-Series-Oily-Water-Separators
Standard	DIN	**Material**	Carbon Steel
Weight / Size	Available Model： Model Size Voltage Certification Power (kw) Pump Vacuum height E-heater Ouline dimension Net weight L(mm) W(mm) H(mm) ZYFM-0.25 0.25m3/h AC 380V/440V MEPC107(49) 0.25 Pluger pump ≤6m ..	**Certificate**	CCS, BV, ABS, GL，LR, NK
Warranty	12 Months unless specified otherwise	**Origin**	China

CONTENTS

- Product Description:
- Available Model：
- The device has following characteristics:
- Filter:

Product Description:

ZYFM SERIES OILY WATER SEPARATORS (15PPM BILGE SEPARATOR) can be used to treat bilge oily water, and also at mines, generating station and oil depots, etc. to deal with the oily water especially that contain high emulsive oil concentration. Its' function has reached the discharge standard stipulated by the International Maritime Organization (IMO) and also accords with the oily water discharge standard stipulated for the vessels, mines and enterprises by China. The outflow quality of the device has reached the Resolution IMO-Mepc107 (49)

The device has following characteristics:

It is constructed by The primary oil water separator, secondary emulsive oil separator, screw pump, electric control box, oily consistency detector, strainer, fine filter and 3-way valve (or solenoid valve), etc.. All of these are installed on a common seat. And if needed the primary oil water separator and electric control box may also be installed separately with secondary emulsive oil separator and oily consistency detector according to different engine room if necessary
The accessory pump does not directly draw from the oily water. Therefore, the emulsion of the oily water is avoided . And the device can gain high separating efficiency.
It use the combination of gravitational separation in vacuum and refined emulsified oil separation method. The oil drops conglomerate and float upward rapidly to the oil collecting room at the top of device when they pass through the tunnel of coalescing element in special degree and special speed. The coalescing element can backflushed it-self automatically, and there will be nearly no blockage happened. In long term usage, no replacement will be needed for coalescing element.
It has good automatic oil discharge control and safety precaution of accessory pump. And can automatically control the primary discharge process or change to the secondary discharge process by the character of the oily-water. Also can put the unqualified water back to bilge when the oil concentration in processed water is beyond the limit. The devicd is easy to operate and highly reliable, and its function accords with requirements for the 24h unattended engine rooms
It is proved that :
The effluence of the device are less than 10PPM when it treat the normal oily water (not emulsified) by using only the primary oil water separator.
The effluence of the device are less than 5PPM when it treat the emulsified oily water by using the primary and secondary separator.

Available Model：

Model	Size	Voltage	Certification	Power (kw)	Pump	Vacuum height	E-heater	Ouline dimension			Net weight
								L(mm)	W(mm)	H(mm)	
ZYFM-0.25	0.25m3/h	AC 380V/440V	MEPC107(49)	0.25	Pluger pump	≤6m	..	1403	966	1138	200kg
ZYFM-0.5	0.5m3/h			2.5	Screw pump	≤6m	1kw	1618	950	1531	500kg
ZYFM-1	1m3/h			3.5		≤6m	2kw	1927	1163	1704	700kg
ZYFM-2	2m3/h			4		≤6m	2kw	2030	1163	2040	1000kg
ZYFM-3	3m3/h			5		≤6m	2kw	2352	1260	2180	1600kg
ZYFM-5	5m3/h			6.5		≤6m	3kw	2700	1470	2400	2200kg

Filter:





