

OIL-XORB Bag Filter



The OIL-XORB OX-P2 bag filter is used to remove bulk oils and other hydrocarbons from water in a single pass. It is intended to work in series with our cartridge housings to remove oils and other hydrocarbons, including **EMULSIFIED OILS**, in a single pass. The purpose of the bag filter is to remove the majority of the oils and hydrocarbons from the water stream before they reach our cartridge filters for final polishing. This combination insures the most economical means possible to remove oils, including emulsifications, from the overboard discharge.

Solving The Problem

Ships crews have been dealing with the problem of bilge water discharge for years. Most Chief Engineers we've spoken with readily admit that most OWS's (Oil Water Separators) do not consistently perform well enough to maintain a discharge concentration of 15 PPM or less. When heavy or emulsified oils are encountered by the OWS most are typically unable to remove these to below the 15 PPM requirement.

With evermore strict enforcement of the current laws, crewmembers and company executives are putting themselves in jeopardy every time they send water over the side of a vessel. Without OIL-XORB they are forced to keep the water onboard until such time as they can send it ashore, which can be expensive.

With the OIL-XORB system these problems are solved. By simply installing our OIL-XORB system on the discharge of the OWS you can consistently and easily meet the 15 PPM requirement.

Uses:

Pre-Filter For Our Cartridge Filters
OWS Effluent Polishing
Bilge Water Discharge
Deck Runoff

Specifications:

Bag Housing:	Size #2
Material:	Housing Is 316 SS
Closure:	Belly Band Clamp
Connections:	2" NPT Female
Pressure Rating:	150 PSI
Max Flow:	5 GPM Per Bag ³
Holding Cap:	Approximately 8 lbs. Oil & Grease
Filter Media:	Proprietary Blend Of Polymer Infused Media

3 Higher flows possible, but with increased backpressure

Stop All Oil Overboard!

But why just meet the 15 PPM limit? Show your commitment as an environmentally sensitive company and install OIL-XORB.

Real World Performance

For more than 18 months a vessel with a major oil carrier out of Alaska had been unable to consistently discharge their bilge water over the side. They spent approximately \$25,000 on a new separator and tests still showed more than 40 PPM of oil out of the *new* unit. After installing the OIL-XORB system they consistently see 0-1 PPM¹ indicated on the overboard monitor. And the typical cost? Approximately 2.5 cents per gallon².

- 1 Until the filter media becomes saturated with hydrocarbons.
- 2 Used in conjunction with the OX-P2 bag filter and dependent upon the amount of hydrocarbons being sent to the filters.



Vigilant Marine Systems, LLC

170 N. Maple Street • Suite 104 • Corona, CA 92880

Tel: + 1 951-808-9940 • Fax: + 1 951-808-8530

email: info@vigilantmarine.com • www.vigilantmarine.com