

FMT YACHT OIL GUZZLER FOR SHIP/YACHT R/O APPLICATIONS

Remove Hydrocarbons From Seawater For R/O Units

Filtration & Membrane Technology, Inc. offers its "YACHT OIL GUZZLER" cartridge for removing oil in seawater to protect ship and yacht R/O polymer membrane modules.

The media in this unique cartridge employs a proprietary polymer to absorb oil from seawater. Incorporating this media into a standard 2.5 inch OD filter allows use of this technology for standard 10" or 20" pre R/O housings.

One 2.5" x 10" "FMT YACHT OIL GUZZLER" is designed to hold One-Half Pint (250 ml.) Of Oil before reaching the maximum differential pressure of 35 PSI. The built in flow shut-off provides a positive indicator that change-out is required prior to any oil bypass. This 10" guzzler permanently binds 10 times the damaging hydrocarbon volume compared to a 10" carbon filter.

With a recommended maximum flow rate of 1 GPM per 10 inch length for 2.5" OD filter, the "FMT YACHT OIL GUZZLER" cartridge is the optimal solution for removing oil, hydrocarbons, and chemicals from seawater at minimal cost in a single pass.





SEPARATION EFFICIENCY OIL HOLDING CAPACITY 4 GPM / 40 inches length (MILLILITERS) 50 DATA FOR "FMT YACHT OIL GUZZLER" 40 INCH I FNGTH **OIL CHALLENGE OF 400 PPM WITH** DIFFERENTIAL PRESSURE - PSID **LESS THAN 5 PPM OIL EFFLUENT** 40 OIL HOLDING CAPACITY **MAXIMUM CHANGE OUT DIFFERENTIAL - 35 PSI** 30 (9) 20 ö Water & 1<u>0</u> SUGGESTED CHANGE OUT DIFFERENTIAL - 12 PSID 0 250 1000 1250 750 **OIL VOLUME - MILLILITERS**

PRODUCT SPECIFICATION

FMT's "YACHT OIL GUZZLER" is a Non-Toxic, Non-Corrosive, Environmentally Friendly Hydrocarbon Absorption Cartridge

Materials of Construction:

Cartridge Caps: Polypropylene
Cartridge Core: Polypropylene
Cartridge Supports: Polypropylene

Cartridge Seals: Buna-N

Cartridge Media: Non-Hazardous,

Non-Toxic, Non-Corrosive, Hydrophobic Polymer

Permanently Binds Hydrocarbons And Chemicals For Disposal

Ideal For:

- · Yachts and Ships In-Port That Employ Seawater R/O Units For Freshwater Production
- Cruisers
- Live Aboard Yachts And Ships
- Protecting Your Polymer Seawater R/O Membrane From Oil, Fuels, And Chemicals
- Vessels Subject To Tidal Actions Which Allow Hydrocarbons, Fuels, and Chemicals To Contaminate The Seawater Supply Of Your R/O System
- Untrustworthy Dockside Potable Water and Contaminated Port Water

Installation

- FMT's Yacht Oil Guzzler Polymer Must Be Protected From Suspended Solids and Installed After The Particulate Filter And Prior To The R/O Membranes
- Replaces Pre-R/O Carbon Blocks And Carbon Powder Filters
- Not Intended For Installation After The R/O Membrane Cartridge Or As A Standalone Filter.

CONTAMINANTS REMOVED

1, 1, 2-Trichloroethane

1, 1-Dichloroethane

1, 1-Dichloroethylene 1, 2, 3-Trichloropropane

1, 2-Dichloroethane

1, 2-Dichloropropane

Acetone

Carbon Tetrachloride

Chlorine

DBCP- 1, 2-Dibromo-3-Chloropropane

Diedrin Insecticide Diesel Fuel

Endrin Insecticide Ethers

Fluorine's (some)

Gasoline

Halogenated Hydrocarbons

Lindane Insecticide Methylene Chloride Naphthalene's

PCB's

Petroleum Oils

Phenol Compounds

Phthalates

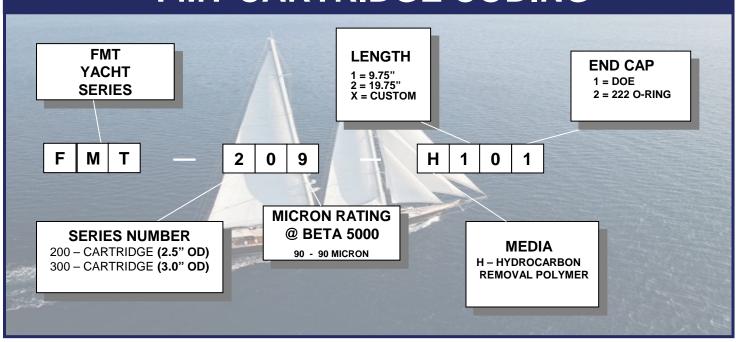
Tetrachloroethylene

Toluene Compounds

Toxaphene Insecticide Trichloroethylene

Xylene's

FMT CARTRIDGE CODING



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FORM: YACHT SERIES 06/15

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