

The Oil Eliminator®

*When it has to be
oil free™*



www.vigilantenvironmental.com

THE OIL ELIMINATOR® SERIES



World Leading Hydrocarbon Removal Cartridges

Unmatched Performance In A Patented Design

- Arguably the best choice on the market to remove or reduce hydrocarbon contamination from water.
- Not a one solution option, but an arsenal of media available to tackle some of the toughest discharge problems.
- Removes up to 4 times the amount of competing cartridges, and with a higher degree of reduction.
- Used by multiple Oil Water Separator manufacturers to meet the IMO 107/49 regulation, with certification to less than 5 ppm by some.
- Remove oil, grease, oil emulsions, water soluble oils and hydrocarbons, BTEX range and more in a single pass.
- Unique design; the shell removes the heavier oils to protect the internal media from being coated and blinded off.
- Radial flow design presents a huge surface area when compared to axial flow designs, and reduces D/P.
- Lab results demonstrate reduction from 400 ppm of HFO/DO to 0.4 ppm C6—C10, non-detect C10—C22, non-detect C22—C36 using EPA 8015B test method.
- Cartridges available in multiple diameters from 2.5" to 7.75".
- Cartridges available in lengths from 10" to 40".
- Cartridges available in multiple end cap configurations.
- Nano technology available in our NF series to remove sub-micron contaminate.

An Arsenal of Media

OE Media:



Our proprietary blend and cut. 100% active media, no fillers. Excellent all around media.

OE / ECO Media:



Our proprietary blend and cut of our OE and our ECO media. Get the best of both in one cartridge.

NF Media:



Our Nano-Filter Media. Sub-micron filtration at high flow rate and low pressure drop.

ECO Media:



Our proprietary media. Excellent all around media that can be incinerated. Eco-friendly 'Second Life' media.

WSO Media:



Our proprietary blend and cut of PAC and our ECO media. Excellent for BTEX range of hydrocarbons.

Performance Specifications

Maximum Differential Pressure:

- 50 psid (3.45 bar) @ 70° F (20° C)
- 25 psid (1.72 bar) @ 140° F (60° C)

Recommended Change Out Differential Pressure:

- 35 psid (2.4 bar) @ 70° F (20° C)
- 15 psid (1 bar) @ 175° F (80° C)

Recommended Operating pH:

- 4 to 10

What The Oil Eliminator Series of Cartridges Remove

Oil and Grease

- All Types

Heavy Metals

- Aluminum
- Cadmium
- Chromium
- Copper
- Lead
- Mercury
- Selenate
- Zinc

Hydrocarbon and Other Contaminates

- Acenaphthene
- Ammonia
- Anthracene
- Benzo (a) Anthracene
- Benzo (b) Flouranthene
- Benzo (a) Pyrene
- Benzo (g,h,i) Perylene
- BOD's
- BTEX
- 4-chloro-3-Methylphenol
- Chromate
- Chrysene
- COD's
- 1,1 Dichloroethane
- 1,2 Dichloroethane
- 1,4 Dioxane
- Flouranthene
- Flourine
- Gas Range Hydrocarbons
- Herbicide
- Iodine
- 2-Methylnaphthalene
- Motor Oil
- Naphthalene
- PCP (pentachlorophenol)
- Pesticide
- Phenanthrene
- Phenolics
- Pyrene
- TEC
- Trihalomethanes (THM)
- TOC
- Total Phosphorus
- TPH
- TSS's
- Vinyl Chloride
- VOC's