

The Oil Eliminator®

When it has to be
oil free™



VIGILANT
Environmental Solutions, LLC
Our mission, clean water.

www.vigilantenvironmental.com

THE OIL ELIMINATOR® SERIES 650



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.
- Filled with our various blends of media.
- Radial flow design provides the largest possible surface area, while also reducing the media bed depth, which reduces back-pressure and unused media.
- Low maintenance design.
- Low consumable costs due to high capacity.
- Removes up to 4 times the amount of competing cartridges, and with a higher reduction of tough emulsions.
- Used by multiple Oil Water Separator manufacturers to meet the IMO 107/49 regulation, with certification to less than 5 ppm by some.
- Removes oil, grease, oil emulsions, water soluble oils and hydrocarbons, BTEX range and more in a single pass.
- Use to reduce discharge to near non-detectable limits.
- Unique design; the shell removes the heavier oils to protect the internal media from being coated and blinded off.
- Use as a stand-alone oil water separator, or to enhance the discharge quality from an existing oil water separator system.
- Cartridges available in lengths from 20" to 35".
- Cartridges available in multiple end cap configurations.

Product Specifications

Materials of Construction:

- Shell Media: Polypropylene
- End Caps: Polypropylene
- Core: Polypropylene
- Gaskets/O-rings: Buna-N, Viton, Silicone

Dimensions:

- Outside Diameter: 6.25" (158.75mm)
- Inside Diameter: 0.990" (25.2mm)
- Lengths: 20" to 35" (504mm to 890mm)

Available In:

- OE
- ECO
- OE/ECO
- ECO PLUS
- WSO
- OE/NF
- ECO/NF
- Custom Blends

Performance Specifications

Maximum Differential Pressure:

- 50 psid (3.45 bar) @ 70° F (20° C)
- 25 psid (1.72 bar) @ 175° F (80° C)

Recommended Change Out Differential Pressure:

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

Recommended Flow Rate Per 10" Length:

- 2.5 GPM (9.5 LPM) Initial D/P Less Than 1.0 PSI (0.08 bar)*
* Can handle higher flow rates, but will have lower performance.

Ordering Information

OE-6	-35	-A	-3		
Product Name And Series	Cartridge Length	Core	End Style	O-ring Type	
OE ECO OE/ECO ECO PLUS WSO OE/NF ECO/NF	20 = 20" 28 = 28" 30 = 30" 35 = 35"	A = Standard P = Premium	3 = 226 O-rings, Grab Handle Top	Blank = Buna-N V = Viton S = Silicone	