

The Oil Eliminator®

When it has to be
oil free™



www.vigilantenvironmental.com

THE OIL ELIMINATOR® NF™



Nano-Technology Filtration Cartridges

High Flow Rate, Sub-Micron Filtration Capability

- Designed to remove sub-micron particles using electro-adhesion and ion exchange rather than sub-micron sized media, which allows for very high flow rates with minimal pressure drop.
- Removes bacteria, organics, WSO's, copper, iron, lead, tin, hydrocarbons, and more.
- Use as a secondary filter to our standard hydrocarbon removal elements, called, 'The Oil Eliminator', for unique applications requiring an additional hydrocarbon polish, sub-micron filtration, and removal of turbidity.
- Use prior to RO membranes for protection.
- Excellent application in cooling tower water treatment.
- Elements available in multiple diameters from 2.5" to 6.25".
- Elements available in lengths from 10" to 40".
- Elements available in multiple end cap configurations.
- Available in high removal (1.5 micron) and high flow (8 micron) base media. Also available infused with PAC, and/or silver antimicrobial.
- Use in a wide range of applications when exceptional filtration, and quality discharge is required at flow rates too high for a RO footprint.

Product Specifications

Materials of Construction:

- Filter Media: Micro Glass Base / Polyester Scrim Layer
- End Caps: Polypropylene
- Core: Polypropylene
- Gaskets/O-rings: Buna-N, Viton, Silicone

Dimensions:

- Outside Diameter: 2.5" (63mm), 4.5" (114mm), 4.8" (122mm), 6.25" (158.75mm)
- Inside Diameter: 0.96" (24.4mm)
- Lengths: 10" to 40" (254mm to 1016mm)

Performance Specifications

Maximum Differential Pressure:

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

Recommended Change Out Differential Pressure:

- 35 psid (2.4 bar) @ Ambient
- 15 psid (1 bar) @ 140° F (60° C)

Recommended Operating pH:

- 5 to 9

Significant Removal

- Bacteria
- Cell Debris
- Cysts
- Ferric Iron
- Flumenquine
- Humic Acid
- Lead
- Ortho-phosphate
- PCB's, BPA
- Penicillin G
- Virus

Good Removal

- Arsenic III 6.5 pH
- Arsenic III 8.5 pH
- Arsenic V 6.5 pH
- Bromine
- Ferrous Iron
- Soluble silica
- Trihalomethanes (THM)
- Chloramine
- Hydrocarbons
- VOC
- And others

Ordering Information

NF-2	-40	-A	-2		
Product Name And Series	Cartridge Length	Core	End Style	O-ring Type	Notes:
NF-2 = Series 250 NF-4 = Series 450 NF-6 = Series 650	10 = 10" 20 = 20" 26 = 26" 30 = 30" 35 = 35" 40 = 40"	A = Standard P = Premium	1 = DOE 2 = 222 O-rings, Closed Flat Top 3 = 226 O-rings, Grab Handle Top	Blank = Buna-N V = Viton S = Silicone	Standard delivery is with the 8-micron high flow media. The premium 1.5-micron media is available upon special request.