



Hydrocarbon Flow Filter



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Product Description:

The Hydrocarbon Flow Filter (HFF), aka oil stop valve, is a versatile device that filters and processes water removing hydrocarbons to a non-detectable level. The HFF is constructed from a non-woven, geotextile fabric in combination with a proprietary blend of USDA food grade polymers. The granules are capable of encapsulating and capturing all organic hydrocarbons such as sheen, gasoline, diesel, refined oils and more. The HFF allows water to flow through as it removes and captures hydrocarbons including most volatile organic compounds. In the event of a major release, the HFF automatically shuts off the flow to contain the hydrocarbon providing a cost-effective and environmentally friendly solution for your secondary containment needs. Each HFF is designed for the site specific application.

Product Applications:

All secondary containment units have to incorporate some type of drainage system to evacuate water. The HFF is ideal for this application as it filters and processes water removing the hydrocarbons to a non-detectable level. HFF is currently being used in the following applications

- Storm drain inserts
- Electrical substation
- Storm water run-offs
- Bulk storage tank farms
- Retention Pond out-flows
- Oil-water separator out-falls



Pad Mount Install

Product Specifications:

Each HFF is capable of processing water at the pre-determined rate specified by the customer and will remove all organic hydrocarbons from the water.

Product Benefits:

- Filters all organic hydrocarbons to <5ppm; most will be at non-detectable levels
- Removes sheen, gasoline, diesel, refined oils, and the other volatile organic compounds
- Low maintenance required when used with a reusable pre-filter to catch debris, silt, dirt, paper, etc.
- Will not drip or leach out



Pad Mount Install

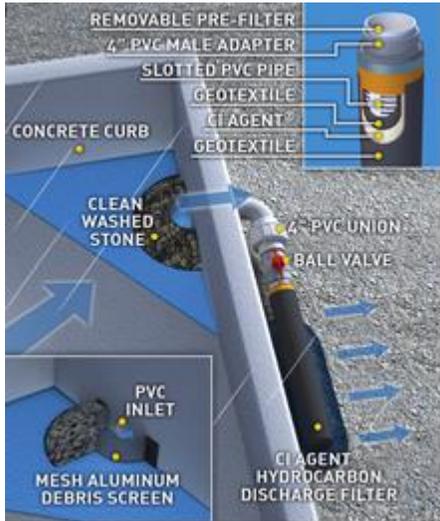


Illustration of HFF Install



Install with Manifold



Water Gate Install

Steady State Water Flow Rates (Gallons/Minute)

Device	Vertical Mount Flow Rate at Water Head		Horizontal Mount Flow Rate at Water Head			
	x	Average Flow	1.0	5.1	8.0	0.2
C.I.Agent® 2"	1.3	3.7	4.0	9.0	18.0	1.1
C.I.Agent® 4"	5.0	11.0	4.2	12.4	23.0	2.0
C.I.Agent® 4"	9.0	12.0				

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