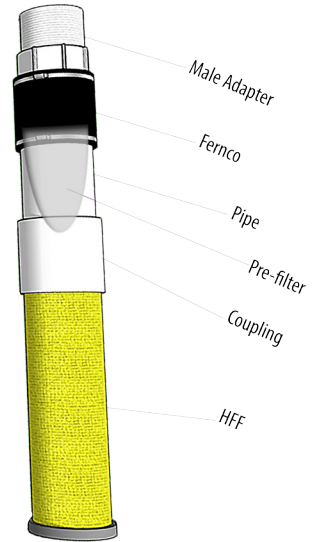




C.I.Agent® HFF Oil Stop Valve

HFF OIL STOP VALVE DESCRIPTION:

C.I.Agent® HFF Oil Stop Valve is a versatile device that filters and processes water removing hydrocarbons to a non-detectable level while meeting Federal SPCC mandates. The HFF is constructed from a rugged perforated plastic casing, which contains C.I.Agent® solidifying polymers, a proprietary blend of USDA food grade polymers. The C.I.Agent® Granules are capable of encapsulating and capturing all organic hydrocarbons such as sheen, gasoline, diesel, refined oils and more. The C.I.Agent® 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 C.I.Agent® HFF is designed for the site specific application and can be used to meet Federal SPCC mandates.



All HFFs come with a pre-filter



HFF OIL STOP VALVE APPLICATIONS:

All secondary containment units have to incorporate some type of drainage system to evacuate water. The C.I.Agent® HFF is ideal for this application as it filters and processes water removing hydrocarbons to a non-detectable level. C.I.Agent® HFF is currently being used in but not limited to the following applications:

- Storm drain inserts
- Electrical substations
- Storm water run-off
- Bulk storage tank farms rain water out-falls
- Containment cooling water towers
- Retention pond out-flows
- Oil-water separator out-falls

HFF OIL STOP VALVE SPECIFICATIONS:

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

Nominal Steady State Water Flow Rates (Gallons/Hour)

Device		Vertical Mount Flow Rate at Water Head			Horizontal Mount Flow Rate at Water Head		
		2"	6"	12"	2"	6"	12"
C.I.Agent® 2" x 12"	Average Flow	60	310	460	10	80	230
C.I.Agent® 4" x 12"	Average Flow	240	540	1100	70	300	670
C.I.Agent® 4" x 24"	Average Flow	260	750	1480	120	540	760
C.I.Agent® 6" x 24"	Average Flow	250	1270	1880	90	550	1420