



*their safety is essential.*  
Protecting people, property, and the planet.

## HFF Oil Stop Valve



Multi-port HFF in vault

### Product Description:

Basic Concepts (BCI) HFF Oil Stop Valve is a versatile device that filters and processes water while removing hydrocarbons to a non-detectable level. Constructed from a rugged perforated plastic casing, the HFF contains BCI oil solidifying polymers, a proprietary blend of USDA food grade polymers. The polymers are capable of encapsulating and capturing all organic hydrocarbons such as sheen, gasoline, transmission oil, 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 hydrocarbons. Each HFF is designed for site-specific applications and can be used to meet SPCC and IEEE Std. 980 requirements.

### Benefits:

- Filters all organic hydrocarbons to <5ppm; most will be at non-detectable levels
- Removes sheen, gasoline, diesel, transmission oil, refined oils, and other volatile organic compounds
- Low maintenance required when used with a reusable pre-filter to catch debris, silt, dirt, paper, limbs, etc.
- Will not drip or leach out
- All BCI secondary containment systems are backed by a \$7 Million Product and Environmental Insurance Policy when installed according to the manufacturer's specifications and documented with photographs



HFF provides passive drainage for containment wall system



HFF removes hydrocarbons as it filters and processes water



HFF safely drains rainwater from spill containment berms

**Applications:**

All secondary containment units need to incorporate some type of drainage system to evacuate water. The HFF is ideal for this application as it filters and processes water, removing hydrocarbons to a non-detectable level. It has the unique ability to flow both inside-out and outside-in. This dual-flow capability greatly expands its applications for water evacuation. The HFF is currently being used in but not limited to the following applications:

- Storm drain inserts
- Electrical substations
- Storm water runoff
- Bulk storage tank farms rain water outfalls
- Containment cooling water towers
- Retention pond outflows
- Oil-water separator outfalls
- Portable spill containment berms

**Specifications:**

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

**For further information call 1-800-285-4203 or visit us online at [BasicConcepts.com](http://BasicConcepts.com)**

Part Number	Horizontal Flow Rate	Vertical Flow Rate
HFF1.5x10M	6.5 GPM	7.5 GPM
HFF4x12M	10.8 GPM	11 GPM
HFF4x24M	17.07 GPM	17.8 GPM
HFF6x24M	40 GPM	50 GPM
HFF14x24M	100 GPM	100 GPM

Nominal Steady State Water Flow Rates at 12-inch Head Pressure (varies per vertical or horizontal mounts)

BCI is a portfolio company of Justrite Safety Group. Justrite Safety Group is a growing family of leading industrial safety companies. Together we protect workers, workplaces and the environment with a comprehensive range of industrial safety solutions. We cover every facet of the industrial safety landscape—from the storage, containment and clean-up of hazardous materials to safety identification, emergency showers, industrial matting, and motion safety.