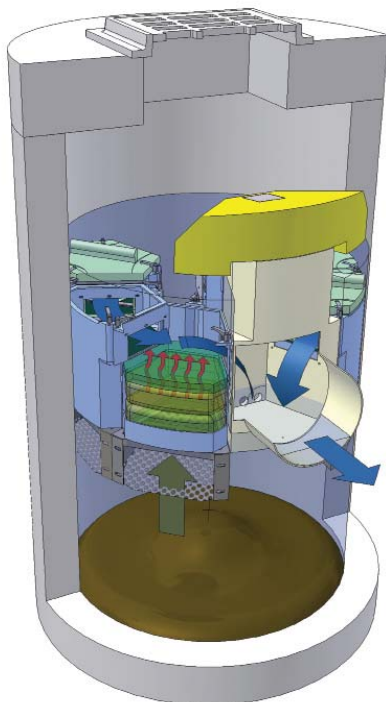


## APPLICATIONS

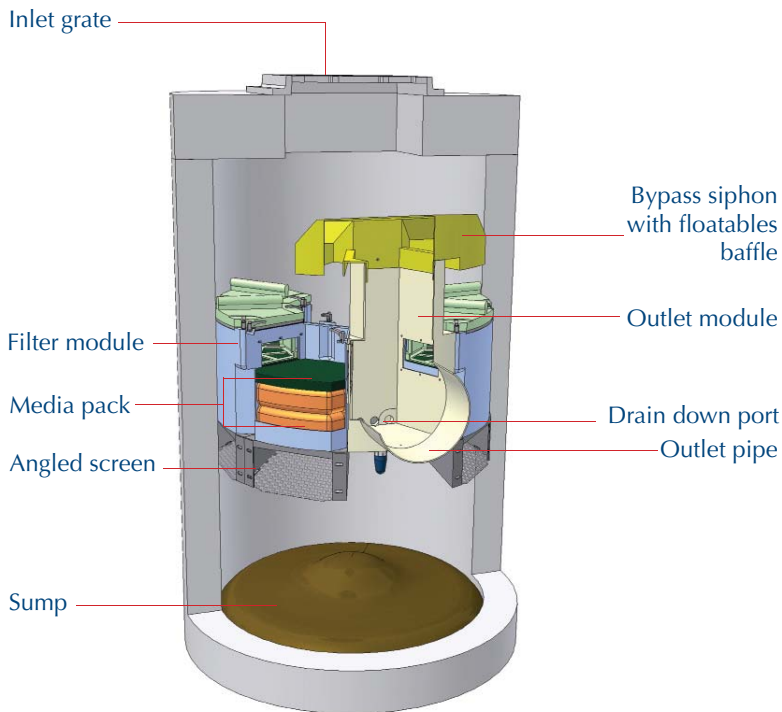
- New developments and retrofits
- Industrial and commercial facilities
- Source control
- Sediment and hydrocarbon control
- Nutrient control
- Heavy metals control
- Wetlands protection
- LEED® development projects

## ADVANTAGES

- Available in manhole, vault and retrofit configurations
- Higher flow capacity resulting in smaller systems
- Includes 4mm pre-screening
- Variety of media options
- Patented drain down prevents media degradation
- Long media life and maintenance cycle
- Easy installation & maintenance



The **Up-Flo Filter** is the most efficient high-rate stormwater filtration technology available for the removal of trash, sediments, nutrients, metals and hydrocarbons from stormwater runoff. As the industry's only fluidized bed upflow filtration technology, the **Up-Flo Filter** provides a higher level of treatment, a higher rate of filtration, longer life of filter media and a longer maintenance cycle than other filter systems.



## HOW IT WORKS

Stormwater enters the chamber via an inlet pipe or inlet grate and fills the chamber, as flow is directed up through the angled screen and Filter Modules (brown arrow).

Gross debris and sediment settle out in the sump. Oil and floatables rise to the surface of the water.

Treated water flows out of the Filter Module to the Outlet Module and into the outlet pipe (blue arrow).

Excess flows are discharged to the outlet using a Siphonic Bypass, which also acts as a floatables baffle preventing the escape of oil and floatable trash.

To guard against pollutant leaching and filter media degradation between storm events, water drains out of the chamber through the filtered Drain Down Port as the storm subsides.