

Cascade Separator™

Innovative and efficient hydrodynamic separator.



The Cascade Separator™ is the newest innovation in stormwater treatment. This innovative hydrodynamic separator excels at sediment capture and retention while also removing hydrocarbons, litter, and debris from stormwater runoff.

What makes the Cascade Separator™ unique is the use of opposing vortices that enhance particle settling and a unique skirt design that allows for sediment transport into the sump while reducing turbulence and resuspension of previously captured material. These two factors allow the Cascade Separator™ to treat high flow rates in a small footprint, resulting in an efficient and economical solution for any site.

Key Benefits

Unique skirt design with opposing vortices resulting in superior TSS removal.

Accepts a wide range of inlet pipe angles allowing for design and installation flexibility.

Accepts multiple inlet pipes eliminating the requirement and cost for upstream receiving manholes.

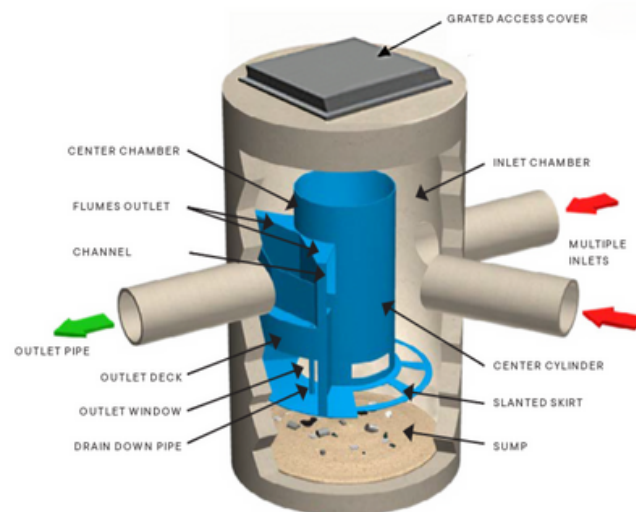
The grate inlet option eliminates the need for a separate grate inlet structure.

Optional grate inlet is available to allow direct surface runoff discharge to the system and eliminate the need for a separate grate inlet structure.

Internal bypass saves the requirement and cost of upstream bypass structures.

Clear access to storage sump provides fast and easy maintenance.

Range of sizes available.



Moderate Sediment Removal

