

# PerkFilter®

**Modular stormwater filtration system.  
Efficient, versatile and reliable.**

## Product Summary

PerkFilter® is the premier cartridge filtration treatment system designed to remove a variety of pollutants from stormwater runoff in urban and suburban environments; reducing the total downstream discharge load and improving the quality of water. Utilising a proprietary media configuration, PerkFilter® effectively removes pollutants of concern through sedimentation, filtration, and absorption; significantly reducing downstream contamination. This system offers flexible configurations, easy maintenance, and a compact footprint; making it ideal for diverse applications.

## Performance

Extensively field and lab tested, PerkFilter® achieves over 80% removal of Total Suspended Solids (TSS), more than 60% removal of Total Phosphorus, more than 50% removal of Nitrogen, metals, petroleum hydrocarbons, trash and debris. As a trusted stormwater management solution, PerkFilter® enhances water quality and protects lakes, rivers and oceans.

## Benefits

### Internal High-Flow Bypass

Integrated bypass system reduces construction costs by eliminating the need for a separate bypass structure.

### Integral Pre-Treatment

Pre-treatment chamber prolongs media lifespan by removing gross pollutants before filtration.

### Modular Cartridge Construction

PerkFilter® is offered in (4) heights, 300, 450, 600 and 760mm to optimize system sizing and head loss requirements.

### Ease of Maintenance

Simple design provides for efficient media replacement and cartridge handling.



## Configurations

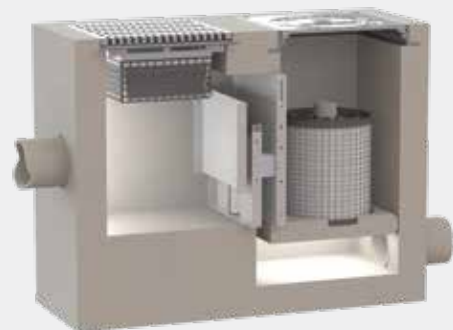
### Media Filtration Manhole



### Media Filtration Vault and OSD Tanks



### Media Filtration Catch Basin



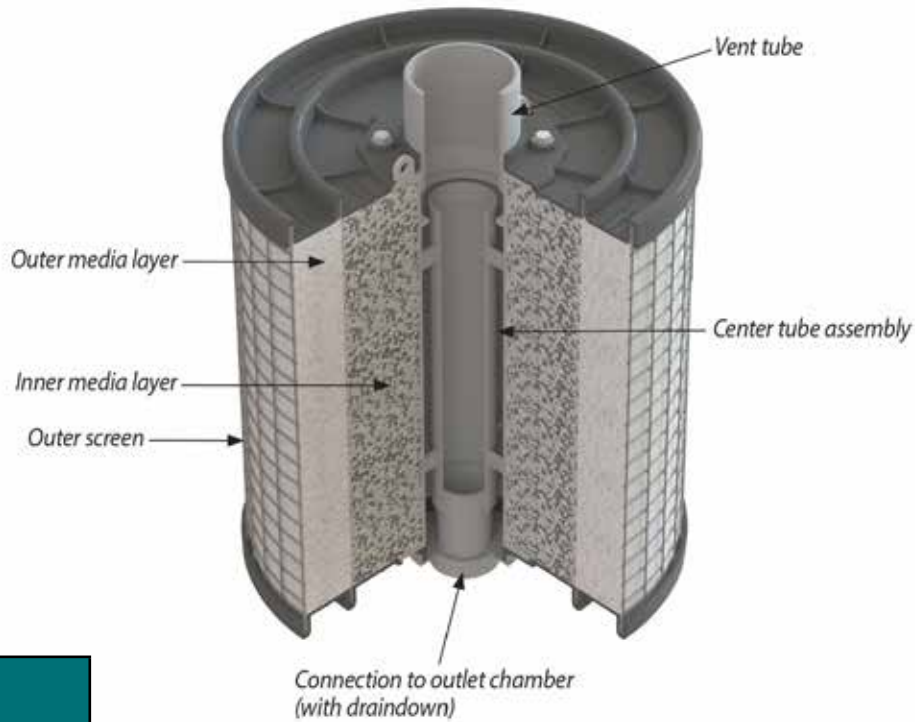
Find out about how the PerkFilter® can help you meet your planning and stormwater requirements

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# Applications

PerkFilter® stands out due its flexibility. It can be configured in:

- » Catch Basins
- » Drop Inlets
- » Manholes
- » Vaults
- » OSD Tanks
- » Panel Vaults



Standard Cartridge Capacities	
Cartridge Height Milimetres	Treatment Capacity (L/s) at Media Surface Loading Rate of:
300	1.1
450	1.1
600	1.5
760	1.9

## Global Third Party Product Verification

### Washington State Department of Ecology

TAPE/GULD for basic treatment (TSS) and phosphorus treatment.

### New Jersey Department of Environmental Protection

NJCAT certified 80% TSS removal rate. Online or offline application.

### Maryland Department of the Environment

Approved structural practice for 80% TSS removal.

### Virginia Department of Environmental Quality

BMP clearinghouse 50% credit for phosphorus reduction.



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Find out more about how our PerkFilter® can help meet your planning and stormwater requirements.