

Bio Clean[®] Catch Basin
Inlet Filters



The experts you need to solve your stormwater challenges



Contech is the leader in stormwater solutions, helping engineers, contractors and owners with infrastructure and land development projects throughout North America.

With our responsive team of stormwater experts, local regulatory expertise and flexible solutions, Contech is the trusted partner you can count on for stormwater management solutions.

Your Contech Team



STORMWATER CONSULTANT

It's my job to recommend the best solution to meet permitting requirements.



STORMWATER DESIGN ENGINEER

I work with consultants to design the best approved solution to meet your project's needs.



REGULATORY MANAGER

I understand the local stormwater regulations and what solutions will be approved.



SALES ENGINEER

I make sure our solutions meet the needs of the contractor during construction.

Contech is your partner in stormwater management solutions

Bio Clean® Catch Basin Inlet Filter Configurations

Removing trash and sediment to protect our waterways ...

Our nation has some of the world's most beautiful beaches and waterways. Unfortunately, trash such as cigarette butts, food packaging, cans and bottles, and plastic waste makes its way into streams, creeks, rivers, and the ocean, as rain events wash them into gutters and storm drains.

Bio Clean Catch Basin Filters provide the first defense against trash and other pollutants entering your stormwater system by capturing pollutants at the source, preventing system clogging and improving downstream water quality.



Full Trash Capture

California Certified Trash Full Capture System

Fabric Sediment Filter

Over 1,000 LBS of Load Capacity

Bio Clean® Catch Basin Inlet Filter Advantages

Bio Clean Catch Basin Inlet Filters offer superior durability and customization ...

- 1-year warranty
- Long-lasting, stainless-steel construction
- Designed for a wide range of sizes to fit most curb and grate inlets
- High-flow bypass prevents scouring of previously captured trash and debris
- Maintained in minutes

Bio Clean® Catch Basin Inlet Filter Applications

Bio Clean Catch Basin Inlet Filters have been successfully used on numerous new construction and retrofit projects. The system's superior durability and customization make it ideal for a wide range of stormwater applications. Each filter fits within a catch basin, giving them the ability to integrate with versatile curb inlet trough systems.

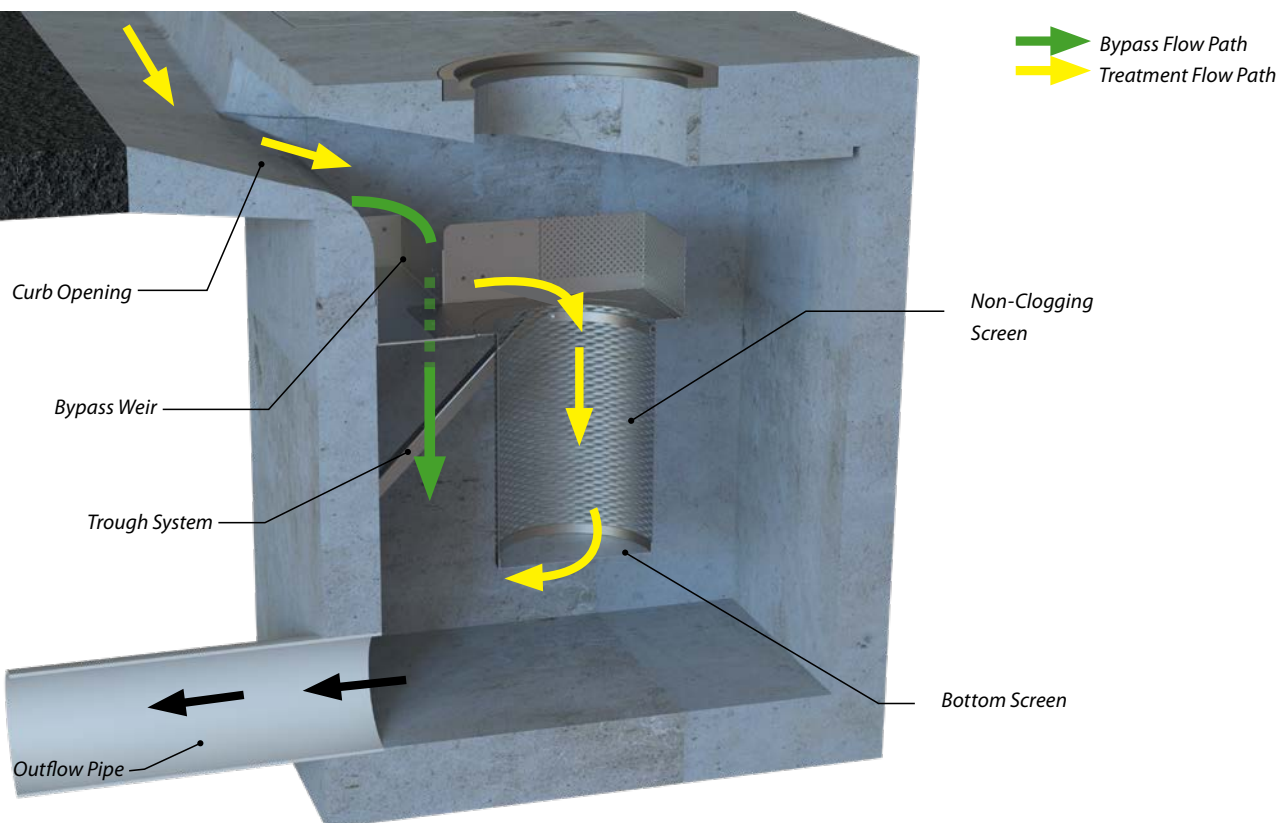
Applications include:

- Parking Lot Curb Inlets
- Parking Lot Grate Inlets
- Roadway Curb Inlets
- Roadway Grate Inlets
- Bioswale Bypass Structures
- Stormwater Pretreatment

Our filters provide easy access for maintenance from the surface without having to enter the catch basin. Maintenance service takes about 15 minutes and requires no confined space entry.

Each Bio Clean Catch Basin Inlet Filter is designed to be insertable and the expandable trough system is designed to convey water quality design flows through the filter basket while allowing peak flows to bypass over the trough without resuspending captured pollutants. The modular design of the trough system makes it ideal for retrofit applications.

**Some depth restrictions may apply. Bypass to prevent backflow during the largest storm events.*

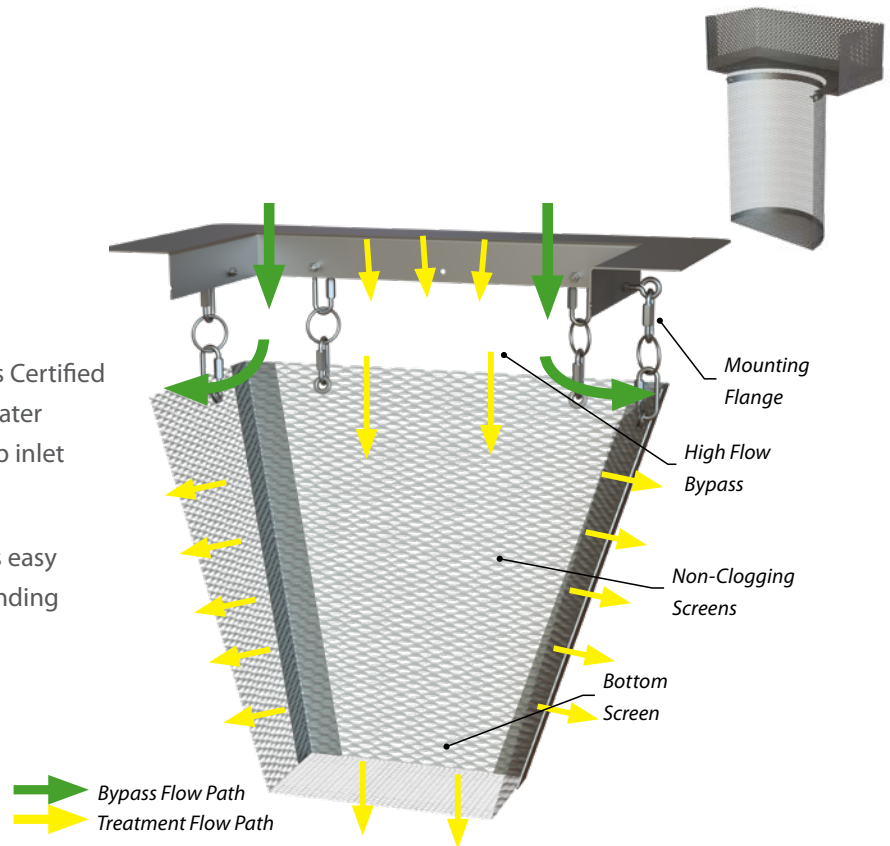


Full Trash Capture

Full Capture Removes 100% of Trash ...

The Full Trash Capture line of inlet filters are listed as Certified Trash Full Capture Systems by the California State Water Resources Control Board in both grate inlet and curb inlet configurations.

The filters allow for higher flow rates and cleaning is easy and efficient, making them a great choice for demanding applications.



Full Capture Sizing

MODEL #	TREATMENT FLOW RATE (CFS)	BYPASS FLOW RATE (CFS)	STORAGE CAPACITY (CU FT)
BIO-CURB-FULL-12	2.85	UNLIMITED	0.70
BIO-CURB-FULL-24	2.85	UNLIMITED	1.40
BIO-GRATE-FULL-12-12-12	1.04	1.24	0.15
BIO-GRATE-FULL-18-18-12	1.78	2.79	0.33
BIO-GRATE-FULL-24-24-12	2.70	4.96	0.59
BIO-GRATE-FULL-24-40-12	3.70	6.35	0.88
BIO-GRATE-FULL-24-24-24	7.31	4.96	1.22
BIO-GRATE-FULL-24-40-24	9.53	6.35	1.82
BIO-GRATE-FULL-36-36-24	11.93	7.74	2.73

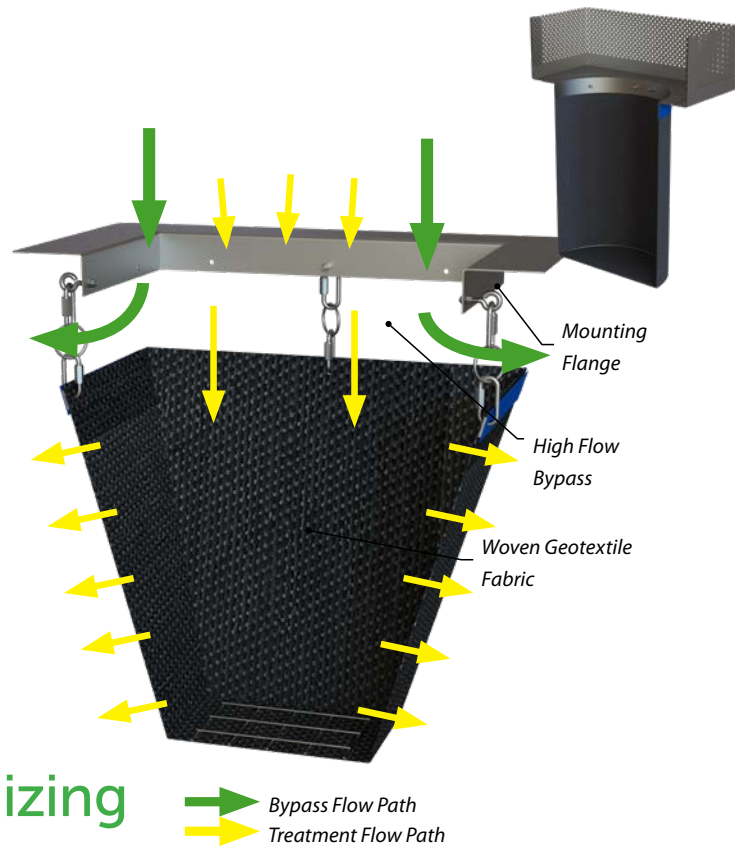
Note: Flow rate includes safety factor of two for screen capacity. Storage capacity based on filter basket at 50% full.

Fabric Sediment Filter

The Fabric Sediment Filter offers an affordable solution to capture total suspended solids (TSS) from stormwater before it enters the conveyance system. With a stainless-steel frame, the Standard Sediment Filter provided over 1000 lbs. of load capacity based in full scale load testing.

Applications include:

- Reusable Filter Captures Sediment and Trash
- Over 1,000 LBS of Load Capacity Based in Full Scale Load Testing



Standard Sediment Filter Sizing

MODEL #	TREATMENT FLOW RATE (CFS)	BYPASS FLOW RATE (CFS)	STORAGE CAPACITY (CU FT)
BIO-CURB-FABRIC-12	1.50	UNLIMITED	0.88
BIO-CURB-FABRIC-24	2.58	UNLIMITED	1.77
BIO-GRATE-FABRIC-12-12-12	0.47	1.24	0.15
BIO-GRATE-FABRIC-18-18-12	0.79	2.79	0.33
BIO-GRATE-FABRIC-24-24-12	1.18	4.97	0.59
BIO-GRATE-FABRIC-24-40-12	1.61	6.35	0.88
BIO-GRATE-FABRIC-24-24-24	2.01	4.96	1.22
BIO-GRATE-FABRIC-24-40-24	2.58	6.35	1.82
BIO-GRATE-FABRIC-36-36-24	3.18	7.74	2.73

Bio Clean® Catch Basin Inlet Filter Installation

- Bio Clean's Curb Inlet Filters are easily installed under catch basin access for ease of maintenance.
- Grate Inlet Filters can be quickly installed directly under grated inlets with no special equipment.



Bio Clean® Catch Basin Inlet Filter Maintenance



Filters can be maintained by a vac truck or by hand.

A partner you can rely on



STORMWATER
SOLUTIONS



PIPE
SOLUTIONS



STRUCTURES
SOLUTIONS

Few companies offer the wide range of high-quality stormwater resources you can find with us — state-of-the-art products, decades of expertise, and all the maintenance support you need to operate your system cost-effectively.

THE CONTECH WAY

Contech® Engineered Solutions provides innovative, cost-effective site solutions to engineers, contractors, and developers on projects across North America. Our portfolio includes bridges, drainage, erosion control, retaining wall, sanitary sewer and stormwater management products.

TAKE THE NEXT STEP

For more information: www.ContechES.com

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