

# Gutter Bin<sup>®</sup>

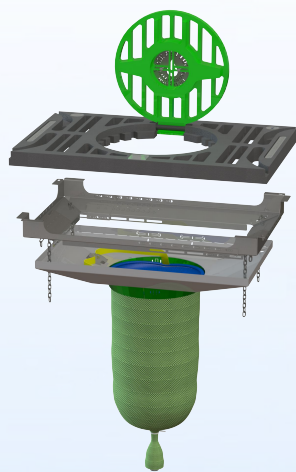
## stormwater filtration system



## Why on Earth do we need Gutter Bins?

Because the source of most pollution in rivers, lakes and oceans comes from stormwater that flows unfiltered from inland environments affected by human activity. Scientists proved that one smoke cigarette butt placed into one liter of water will kill five of ten fish in four days. The Gutter Bin removes pollution from stormwater thereby helping protect and restore ecosystems. Many features and benefits include:

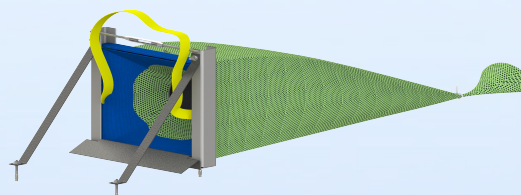
- **Adjustable frame** = fits most any type storm drain
- **Backflow preventer** = less scouring and floatable loss
- **Measurable results** = quantifiable pollution capture rate
- **Regulatory compliance** = certified 100% Full Trash Capture
- **Large overflow** = minimize risk of flooding & 3am wake-up calls
- **Innovate design** = modular, scalable, and economical operations



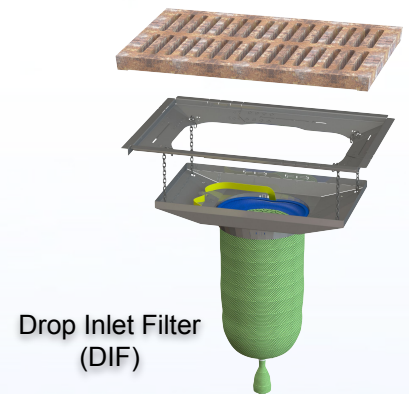
Original Gutter Bin (OGB)

## What is the Gutter Bin?

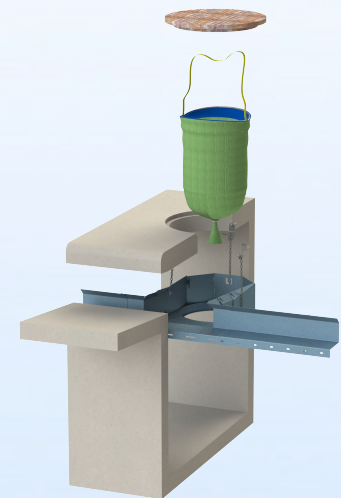
The Gutter Bin<sup>®</sup> stormwater filtration system is a catch basin filter insert that removes pollution within a storm drain. The adjustable frame and funnel system direct polluted water into the Mundus Bag<sup>®</sup> water filter. High-flow events bypass the filter thru a large adjustable overflow. A two man crew can clean a the system by hand, with a vacuum truck or garbage crew. The Gutter Bin is a highly effective stormwater filter that works in a plethora of environments.



Channel Filter System (CFS)



Drop Inlet Filter (DIF)



Curb Inlet Filter (CIF)

### Gutter Bin Features & Benefits

- Highly visible with branding opportunities
- Simple design makes for easy training and cleaning
- Adjustable frame sizes & overflow capacities
- New, retrofit, and custom installation options
- High quality USA construction, 3-year warranty

### Where to Install Gutter Bins?

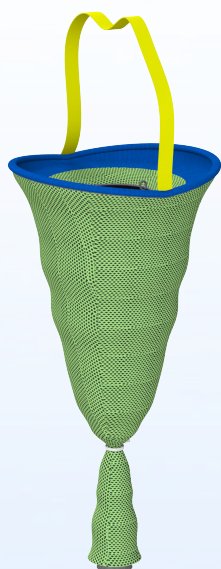
- In your community and neighborhood
- Unprotected inlets next to waterways
- Near areas prone to pollution like parking lots, bars, gas stations, construction sites, industrial complexes, etc.

## How is the Gutter Bin maintained?

The Gutter Bin saves time and money because it is easily maintained and prevents downstream blockages. Each Bin's service interval depends upon pollutant load, stormwater infrastructure, and climate. One simply removes the grate cover, replaces or vacuums out the Mundus Bag, and closes the cover. Experience has shown that a six month service interval is sufficient for most environments. Optional data collection of pollution captured is helpful for regulatory compliance. The average pollution capture rate can exceed 200 pounds annually.



## What is the Mundus Bag?



Mundus Bag®

The Mundus Bag® water filter is a flexible and customizable filter media that removes a broad spectrum of stormwater pollutants. It integrates fully with the complete line of Gutter Bins and MYCELX filter media. The Mundus Bag incorporates heavy duty construction and a backflow preventer to prevent pollution loss.

Mundus Bag models:

- TTC: Total Trash Capture (>4.0mm)
- TDS: Trash, Debris Sediment (>0.21mm)
- VTF: Vector Truck Friendly (>0.6mm)
- SHHT: Sediment, Heavy Metals, Hydrocarbons, Trash industrial model (>0.10mm)

## What can the Mundus Bag remove?

- 100% Trash
- Microplastics
- Cigarette butts
- Sediment
- Heavy metals
- Hydrocarbons



MYCELX filtration media permanently bonds to and removes oils, hydrocarbons, and heavy metals from stormwater. It is non-toxic and environmentally safe.

## Who is Frog Creek Partners?

Frog Creek Partners is an environmental technology manufacturing company. We offer innovative products that clean water and provide measurable results. We are a mission driven company dedicated to improving the health of watersheds by fostering long-term relationships with our customers, partners, and anybody else who has a passion for clean water like we do. Because Clean Water is a Good Thing™.



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**Download our spec sheets at:**

<https://frogcreek.partners/specification-sheets>

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