
















Every stormwater project is unique and has its own set of design challenges plus short and long term goals. In order to meet regulatory standards, and exceed performance & maintenance goals, there are key factors every design should evaluate. Bio Clean offers the most comprehensive line of Catch Basin Filters on the market which includes different types for various product goals. The Full Capture Trash Type is CA Water Board certified and the Multi-Level Screen Type boasts best overall treatment, while the Kraken Filter Type, and the Media Filter options are optimally designed for industrial projects.

	Bio Clean Catch Basin Filters	Fiberglass CB Filters	Plastic Net CB Filters
What is the Overall Level of Durability & Quality?	 <p>The only 100% fully stainless steel filter on the market. All components are welded including small screens. Larger screens are punched into the filter cylinder. Offers a 5 year unlimited warranty and over 50 year user life.</p>	 <p>Marine grade fiberglass must be UV coated to prevent sun damage. Riveted screens can break and some components are aluminum. Typical Warranty: 5 Years</p>	 <p>Top frames are stainless steel, but the filter baskets are made of low-quality netting and fabrics with a short lifespan and low durability. Typical Warranty: 1 Year</p>
What is the Typical Maintenance Process?	 <p>Rigid construction allows for fast and easy maintenance using a standard vacuum truck and smooth inner sidewalls simplify the power washing process. Booms are fastened with quick release ball cable ties and the Media Filter type has a quick release top and accepts bulk media for lower replacement costs.</p>	 <p>Boom trays must be removed separately by cutting zip ties and re-assembling with new zip ties. Screens with less surface area clog faster and require more frequent maintenance.</p>	 <p>Vacuum cleanings are very difficult as the plastic netting gets sucked up along with the trash. Power washing can easily damage the sensitive material.</p>
Are There Multi-Types & Configurations Offered?	 <p>Configuration Options:</p> <ul style="list-style-type: none"> Full Capture Type - CA Water Board Approved Multi-Level Screen Type - NJCAT Verified Kraken Filter Type - For fine particulates Media Filter Type - For hard to remove metals 	 <p>Internal bypass cannot accommodate peak flow rates.</p>	 <p>Restricted bypass options. High flows may wash out the system.</p>
Are There Custom Depths & Sizes?	 <p>Available in any flange size with undermount options. There are 7 round and many more stadium shaped filter cylinders available in 12", 18" and 24" heights.</p>	 <p>Available in various sizes and depths. Shorter filters have limited filter capacity and small screen surface areas.</p>	 <p>Hanging netting type filters have one standard depth.</p>
Are the Systems Performance Verified?	 <p>This is the only catch basin filter tested under the NJDEP filter protocol and verified by NJCAT at 86.7% TSS removal and tested to load capacity. All testing is done by third party independent labs.</p>	 <p>In-house tested at very low flow rates and low load testing. Some older field testing exists, but under an unapproved testing methodology.</p>	 <p>In-house testing at very low flow rates or short test run times that do not reflect real life applications.</p>


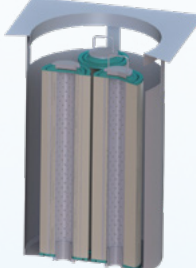


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100% Stainless Steel with High Quality Construction & Proven Performance

For over 20 years Bio Clean has provided its customers with the highest quality stormwater catch basin filters available, and the most recently launched line of filters are 100% stainless steel!

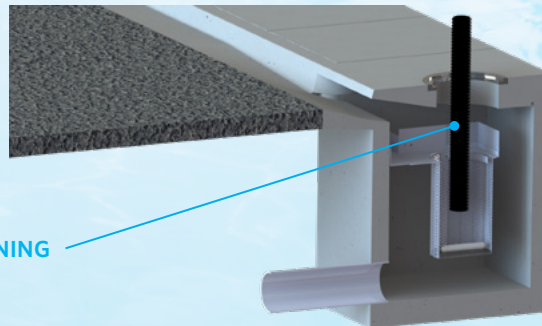
Catch Basin Filter Types | Applicable for OCTA Funding

Full Capture Type	Kraken Filter Type	Media Filter Type	Multi-Level Screen Type
			
<p>California Water Board Certified</p> <p>Utilizes self-cleaning screen design to minimize clogging. Certified to meet full capture requirements by removing 100% of trash and debris down to 5 mm.</p>	<p>Advanced Pollutant Removal</p> <p>Using our industry reusable Kraken Filter obtain higher removals in a catch basin configuration.</p>	<p>Design for Industrial Applications</p> <p>Various sorptive media targets hard to remove metals and other pollutants from industrial applications.</p>	<p>NJCAT Verified</p> <p>The best performing filter for all pollutants. Balanced treatment efficiency and higher flow rates utilizing multi-level screen technology.</p>
<p>TESTING HIGHLIGHT: California Water Control Board 100% of Trash</p>	<p>TESTING HIGHLIGHT: Third Party Testing 85% of TSS & 72% of TP</p>	<p>TESTING HIGHLIGHT: Port of San Diego Field Testing 82% of TSS</p>	<p>TESTING HIGHLIGHT: NJDEP Testing Protocol 86.6% of TSS (Down to 100 Micron)</p>

Curb Inlet Maintenance

Shelf System Always positions the filter under the manhole for easy and quick cleaning. Eliminating the need to enter the catch basin to perform maintenance cuts down cleaning time by up to 75%.

EASY CLEANING



Other Curb Inlets

Competitor curb inlet filters mount under the curb face and maintenance requires confined space entry (catch basin entry).

