



Catch Basin Filter Insert - CatchBasinFilter.com & Trench Drain Filter.com

The **RGS Catch Basin** insert is a stainless steel solid waste debris catch located under the catch basin grate and combined with our EPA rated filter media; is designed to collect solid waste, trash, garbage and the likes and petroleum hydrocarbons prior to discharge. Rubberizer™ EPA rated Hydrocarbon Filters with 80% fill particulate media come with these unit configurations. The Filters located on top of self directing water splash guards to ensure 90% water exposure to the hydrocarbon filters at very low flow; allowing for higher Adsorbtion of hydrocarbon & phosphate waste water. Filters located at the bottom of the sediment bag are estimated to be only 15% effective vs the RGS units we provide. When the filter becomes dark in color and hard; it is time to replace the filter. Normal Filter maintenance is every 6 months.

General Catch Basin Efficiency Test Data Information						
Model	Type ID	Opening* Width "ID"	Opening* Width "OD"	Estimated Solids Capacity CUF*	Filtered Flow Cubic FT Per Second*	Total ByPass Capacity CUF/Second*
RGS-CB304	CB 12	12 x 12	12 x 14	.5	.7	3.0
RGS-CB304	CB 16	16 x 16	16 x 18	1.2	1.0	4.5
RGS-CB304	CB 18	18 x 18	18 x 20	1.3	1.2	5.0
RGS-CB304	CB 24	24 x 24	24 x 26	2.0	1.6	6.5
RGS-CB304	CB 36	36 x 36	36 x 38	5.0	2.5	8.5
RGS-CB304	CB 48	48 x 48	48 x 50	7.0	3.5	9.5

Solid Waste Recovery Efficiency +80.0% (Removal of solid particulate @ greater than .05 or 1 millimeter in diameter)

Total Suspended Solids (TSS) capture ++80% w debris catch over outlet.

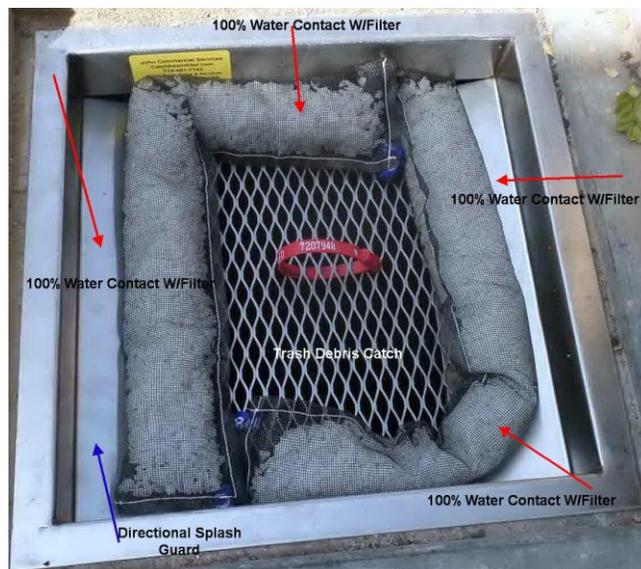
Filter Test Results Per 22" of Media @ 80% Fill Rate = +80% Oil/Grease HydroCarbons & 60% Total Phosphorus (TP)

Notes: All flow thru test data completed by independent field test 1/31/2007 Filter Used: Rubberizer™ @ 80% - 2.5" inch diameter 22" L 80% Fill Rate Media. Frame Used RGS 18 x 18. SST w/1/4 expanded SST debris catch..

- 1) Final performance will vary based on catch basin drain type, design, grade, outlet, CFM, dimensions, solid waste type, maintenance, filter configuration and size. Results will vary by site installation.

Catch Basin Filter Insert (RGS 304) System with Rubberizer™ Filters

- Proprietary Splash Guard design guides water run off over the filters for 90-95% filter exposure vs. at bottom of sediment bag installations. Filter exposure is MOST important not the gizmo.
- EPA Rated and proven Rubberizer™ Hydrocarbon Filters are only used.
- Our system contains a stainless steel debris catch above the sediment bag which collects more solid waste debris before the sediment bag. This allows for greater solid waste entrapment and easy to maintain, clean outs; lowering costs and provides adequate drainage & by pass thru the sediment bag. Sizes available for common and not so common catch basin sizes/configurations.
- No expensive replacement parts like geo textile netting.
- No plastic framing or filter screens that fall apart or cave during heavy rain.
- Water flows over hydrocarbon filter 90% of time during low flow; not part of the time or missing the filter all together.
- Approved: Meets Equal To OR Better Than Specifications. A much better option to more expensive alternatives less efficient catch basin alternatives.
- Lowest cost of acquisition and immediate lower maintenance costs.
- RGS – one configuration simplicity for shallow or deep catch basins. Custom fitting available to meet your special needs.
- Excellent customer service – we answer the phone!



Recommended Filter Replacement every 6 months as necessary.