



STORM PUT A STOP to TSS WATER

Removes Pollutants from Runoff Prior to Entering Waterways

Efficient System

Catches pollutants where they are easiest to catch, at the inlet.

Variable Design

Able to be retrofitted or used in new projects.

Treatment Train

Can be incorporated as part of a "Treatment Train".

No Standing Water

Helps to minimize bacteria and odor problems.

Focused Treatment

Removes petroleum hydrocarbons, trash and Total Suspended Solids (TSS).

Maximum Flexibility

Available in a variety of standard sizes to fit round and square inlets.

Economical

Earn a higher return on system investment.

Two-part stainless-steel insert to filter solids and oils/grease.



Easy to install, inspect and maintain, even on small and confined sites.

By the Numbers*:

Filter will remove up to 80% of Total Suspended Solids (TSS), at least 70% of oils and grease, and up to 40% of Total Phosphorus (TP) associated with organic debris as well as Polycyclic Aromatic Hydrocarbons (PAH) from oil leaks and spills.

*Approximate for urban street application.

CATCH BASIN FILTER TEST RESULTS SUMMARY

Testing Agency	% TSS Removal	% Oil & Grease Removal	% PAH Removal
UCLA	80	70 to 80	
U of Auckland Tonking & Taylor, Ltd (for City of Auckland)	78 to 95		
U of Hawaii (for City of Honolulu)	80		20 to 40

Multi-Purpose Catch Basin Insert Retains Sediment, Debris, Trash and Oils/Grease

FloGard® catch basin insert filters are recommended for areas subject to silt and debris as well as low-to-moderate levels of petroleum hydrocarbons (oils and grease). Examples of such areas include vehicle parking lots, aircraft ramps, truck and bus storage yards, business parks, residential and public streets.

CATCH BASIN FILTER COMPETITIVE FEATURE COMPARISON		
Evaluation of Catch Basin Filters (Based on flow-comparable units) (Scale 1-10)	Oldcastle	Other Insert Filter Types**
Flow Rate	10	7
Removal Efficiency*	80%	45%
Capacity - Sludge & Oil	7	7
Service Life	10	3
Installation - Ease of Handling / Installation	8	6
Ease of Inspections & Maintenance	7	7
Value	10	2

*Approximate, based on field sediment removal testing in urban street application

**Average

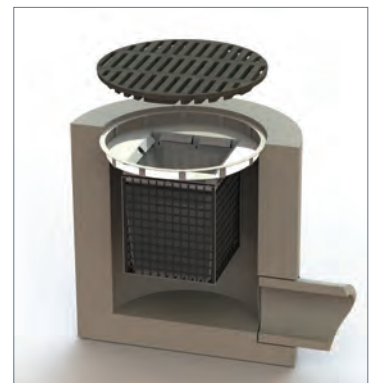
Long-Term Value Comparison (Based on flow-comparable units) (Scale 1-10)	Oldcastle	Other Insert Filter Types**
Unit Value - Initial (\$/cfs treated)	10	4
Installation Value (\$/cfs treated)	10	7
Absorbent Replacement (annual avg (\$/cfs treated))	10	2
Materials Replacement Value (annual avg (\$/cfs treated))	10	10
Maintenance Value (annual avg (\$/cfs treated))	10	7
Total First Year ROI (\$/cfs treated)	10	5
Total Annual Avg Value (\$/cfs treated, avg over 20 yrs)*	10	5



Combination Inlet



Flat-Grated Inlet



Circular Frame Inlet



Captured debris from FloGard catch basin insert filter in Dana Point, California.



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