TrashGuard

Trash Free Stormwater Discharge

NEW from ACF!

What Is TrashGuard®?

TrashGuard® is a patented stormwater pretreatment device that captures debris, sediment and floatables. TrashGuard® is easy to install and maintain and costs a fraction of other pretreatment devices currently available. TrashGuard® has extensive testing and an available calculator to assist design professionals in selecting the correct screen size for their particular project.

TrashGuard® Advantages

- *Captures debris, sediments and floatables*
- *Simple retrofits to existing catch basins*
- *Installs without heavy equipment*
- *Adjusts to irregular catch basin bottoms and/or walls*
- *Eliminates eyesore stormwater trash at public parks, beaches, and waterways*
- *Sediment reduction protects fish, shell fish, aquatic life and human recreation*

TrashGuard® is available in three guard screen sizes for in-place or newly formed catch-basins that utilize discharge pipes of 24 inches or less in diameter. Each screen can be adjusted at installation to accommodate low flow stormwater events of 10 cfs or more.

Call ACF Environmental or your local distributor for more information.

ACF ENVIRONMENTAL
Customer Focused, Environmentally Committed
800-448-3636
www.acfenvironmental.com

TrashGuard® Installation Instructions

TrashGuard® can be installed in a variety of catch basin configurations (or field conditions). In general the TrashGuard® is mounted on the catch basin wall, centered over the outlet pipe.

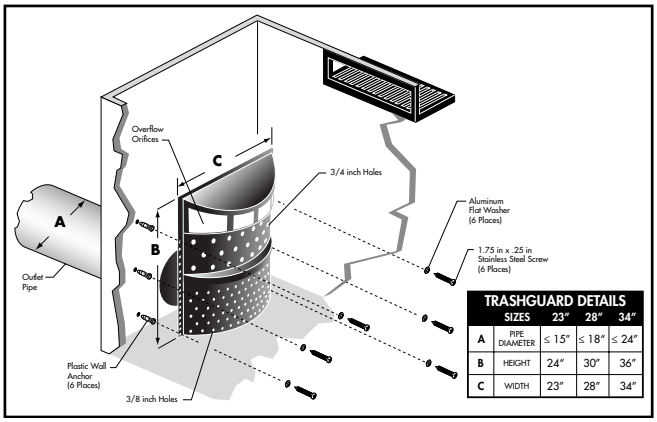
Before installing TrashGuard® a hydraulic calculation should be performed to determine maximum flow rate based on depth of the catch basin and size of TrashGuard® used. This calculated model will determine maximum flow rate with no obstructions or varying amounts of trash build up, and determine drainage area required to support the calculated flow rate. Allowable trash build up and drainage area required for trash build up will determine maintenance frequency.

If catch basin conditions allow and increased flow rate and additional vertical capacity are desired, a model can be calculated to determine flow rate when extending TrashGuard® from one inch to seven inches from the catch basin wall. As above, this calculated model will determine maximum flow rate with no obstructions or varying amounts of trash build up. Contact TrashGuard® for assistance in determining flow rate and drainage areas under varying field conditions.

The following instructions are organized in sections described as follows:

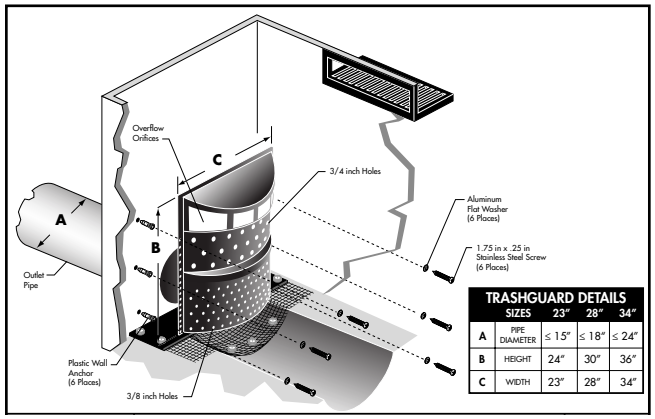
- ❑ Section 1 - TrashGuard® installed on a flat perpendicular wall with a flat bottom
- ❑ Section 2 - Bottom Plate installed on an rounded bottom
- ❑ Section 3 - TrashGuard® installed on a flat perpendicular wall with an rounded bottom
- ❑ Section 4 - TrashGuard® installed on tiered brick wall escalating width from top to bottom with an rounded on flat bottom
- ❑ Section 5 - TrashGuard® installed on concaved wall reasonable flat top and bottom with an rounded or flat bottom.
- ❑ Section 6 - TrashGuard® installed extended from wall to increase flow capacity with an rounded or flat bottom.

Flat-Bottom Catch Basin



TRASHGUARD DETAILS SIZES		23"	28"	34"
A	PIPE DIAMETER	≤ 15"	≤ 18"	≤ 24"
B	HEIGHT	24"	30"	36"
C	WIDTH	23"	28"	34"

Rounded Bottom Catch Basin



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Several other installation options are available.

WARNING: Improper installation of the TrashGuard® or failure to keep the area around the TrashGuard® free from sediment, debris and litter after installation may result in clogging of the stormwater drainage system and increase the risk of flooding during times of heavy rainfall. It is important to clear sediment, debris and litter from around the TrashGuard® at least four (4) times a year and more frequently in areas with large amounts of vegetation or litter. Please contact your local TrashGuard® distributor with any questions regarding the installation or regular maintenance requirements of the TrashGuard®.

ACF ENVIRONMENTAL
Customer Focused, Environmentally Committed
2831 Cardwell Road
Richmond, Virginia 23234
(800) 448-3636 • FAX (804) 743-7779
www.acfenvironmental.com

ACF Environmental

"Complete Source for Stormwater Solutions"

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