

Hydro FloGard® LoPro™ Catch Basin Insert

FloGard® is a registered trademark of KriStar Enterprises.

Effective inlet control that accommodates *very shallow drainage profiles*

APPLICATIONS

- Upstream source control of TSS, debris, metals and hydrocarbons
- Shallow trench drains or driveway drains
- Shallow catch basins at property perimeters
- Urban sites
- "First flush" treatment

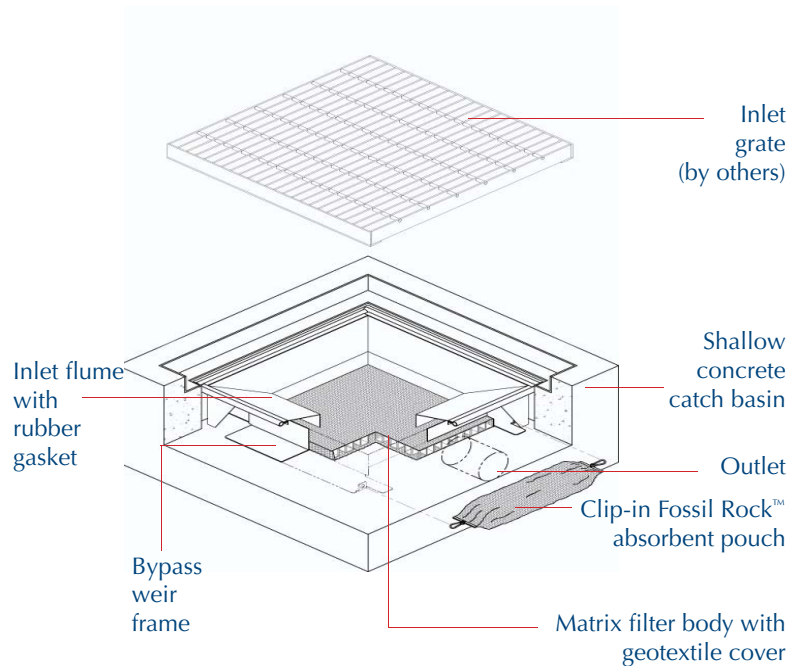
ADVANTAGES

- Effective treatment at the source
- Built-in high flow bypass prevents back-ups
- Fits into very shallow drainage systems
- Available in catch basin and trench drain configurations
- Can be used for inline filtration

MATRIX FILTER ASSEMBLY

The Matrix Filter Assembly is suitable for installation into shallow catch basins found at the source of site drainage systems and site perimeters.

The **Hydro FloGard LoPro** filter is a modular low profile catch basin insert designed to collect particulates, debris, metals and petroleum hydrocarbons from stormwater runoff.



HOW IT WORKS

Surface runoff flows into the trench drain or catch basin via the inlet grate. The flow passes through the **Hydro FloGard LoPro Filter** which is mounted over the outlet. An emergency bypass weir protects against surface ponding. Annual maintenance plans should include: 3 system inspections, 3 cleanings and one change of filter media.

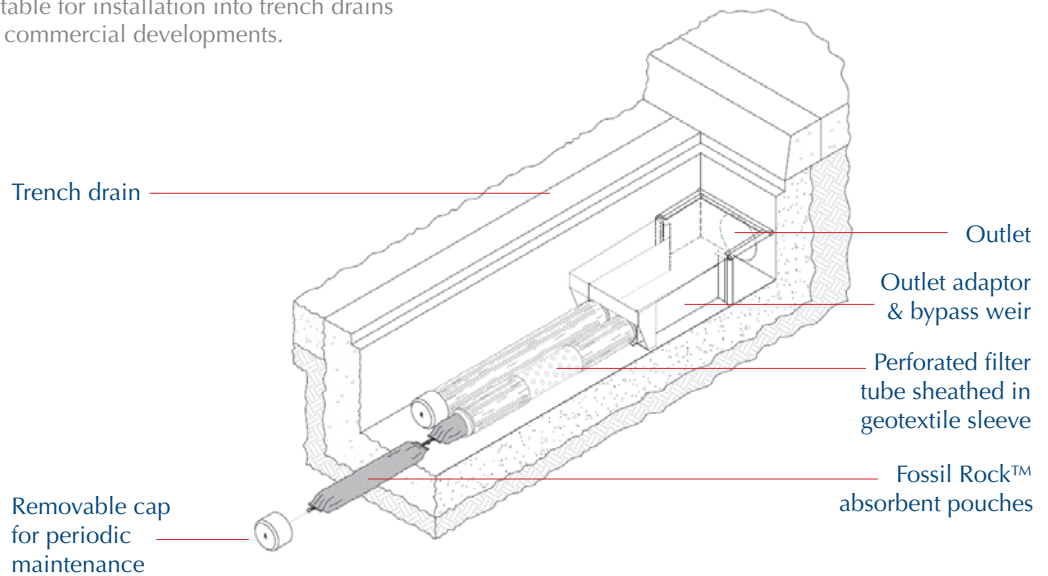
Hydro FloGard® LoPro™ Matrix Filter

Model	Catch Basin ID (in x in)	Solids Storage (cu ft)	Filtered Flow (cfs)	Bypass Capacity (cfs)**
FG-M18	18 x 18	0.1	0.1	1.0
FG-M24	24 x 24	0.3	0.3	1.7
FG-M2436	24 x 36	0.4	0.5	2.3
FG-M36	36 x 36	0.8	0.9	4.1
FG-M3648	36 x 48	1.1	1.3	4.6
FG-M48	48 x 48	1.6	1.8	6.6

**at min. 6" inside depth below grate

TRENCH DRAIN ASSEMBLY

The Trench Drain Assembly is suitable for installation into trench drains found in residential, industrial or commercial developments.



Hydro FloGard® LoPro™ Trench Drain Filter

Model	Filter Type	Trench Width "ID" (inches)	Min. Trench Depth (inches)	Solids Storage (cu ft)*	Filtered Flow (cfs)*	Bypass Capacity (cfs)**
FG-TDOF3-5	Pipe	3.0	6.5	0.1	0.5	0.1
FG-TDOF4-5	Pipe	4.0	6.5	0.2	0.5	0.1
FG-TDOF6	Pipe	6.0	6.5	0.4	0.5	0.2
FG-TDOF8	Pipe	8.0	6.5	0.7	0.5	0.3
FG-TDOF10	Pipe	10.0	6.5	0.9	0.5	0.5
FG-TDOF12	Pipe	12.0	6.5	0.9	1.0	0.6
FG-TDOF18	Pipe	18.0	6.5	1.3	1.5	1.1
FG-TDOF24	Pipe	24.0	6.5	1.8	2.0	1.5

*per 5-ft section **at min. 6" inside depth below grate

For more information please call our office toll free at 800-848-2706 or inquire at www.hydro-international.biz.



This information is subject to change without notice. Certificate No. 961366