

Hydro FloGard[®]+Plus[™] Catch Basin Insert

FloGard[®] is a registered trademark of KriStar Enterprises.

Effective inlet control prevents pollutants from entering drainage systems

APPLICATIONS

- Sites with round or rectangular surface runoff inlets
- Curb inlets
- Wall-mounted curb inlets
- Streets, roadways & parking lots

ADVANTAGES

- Inlet control prevents pollutants from entering drainage system
- Dual high flow bypass prevents surface ponding
- Captures and retains sediments, floatable trash and debris
- Allows sustained maximum design flows under extreme wet weather conditions

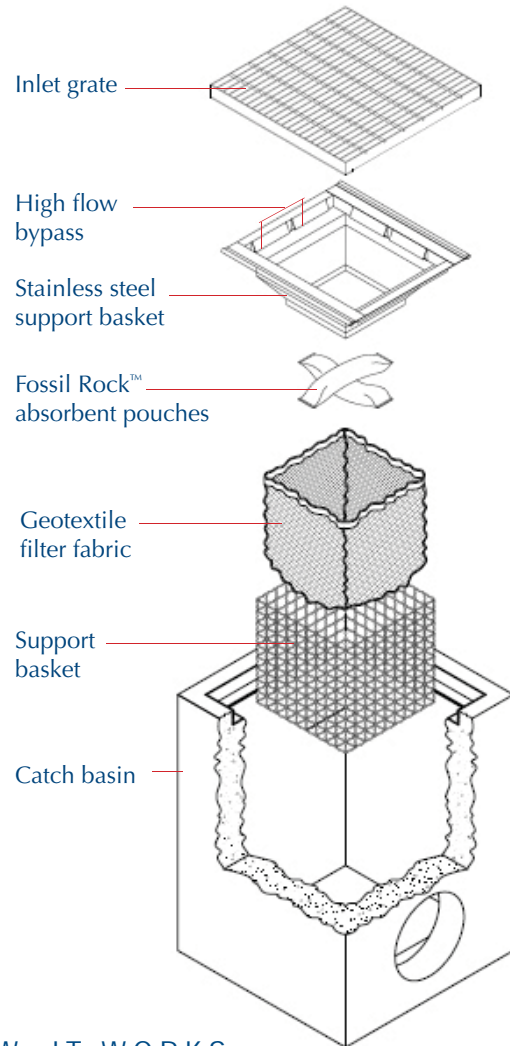
MAINTENANCE

A structured maintenance program is recommended for all Hydro Inlet Control devices. Annual maintenance plans should include:

- 3 system inspections
- 3 **Hydro FloGard +Plus** cleanings
- 1 change and disposal of filter media and oil absorbent pouches



The **Hydro FloGard +Plus Catch Basin Insert** is a multi-purpose catch basin insert designed to prevent sediment, debris, trash and oils/grease from entering the stormdrain system.



HOW IT WORKS

Surface runoff flow enters the **Hydro FloGard +Plus** through the inlet grate or curb inlet. Litter, debris and sediments are captured and retained by geotextile filter fabric while hydrocarbons are absorbed by the Fossil Rock[™] absorbent media pouches.

The dual high-flow bypass allows flows to bypass the device while retaining sediment, debris and trash throughout sustained maximum design flows during extreme weather conditions.

Configurations

The **Hydro FloGard +Plus** is available in the following configurations:

- Rectangular frame mounted
- Round frame mounted
- Curb-mounted
- Wall-mounted
- Combination inlet



Curb inlet catch basin filter insert.

Rectangular - Frame Mounted Sizing

Model	Inlet Grate ID (in x in)	Grate OD* (in x in)	Solids Storage Capacity (cu ft)	Filtered Flow (cfs)	Total Bypass Capacity (cfs)
FGP-12F	12x 12	12 x 14	0.3	0.4	2.8
FGP-1530F	15 x30	15 x 35	2.3	1.6	6.9
FGP-16F	16 x16	16 x 19	0.8	0.7	4.7
FGP-1624F	16 x 24	16 x 26	1.5	1.2	5.0
FGP-18F	18 x 18	18 x 20	0.8	0.7	4.7
FGP-1820F	16 x 19	18 x 21	2.1	1.4	5.9
FGP-1824F	16 x 22	18 x 24	1.5	1.2	5.0
FGP-1836F	18 x 36	18 x 40	2.3	1.6	6.9
FGP-2024F	18 x 22	20 x 24	1.2	1.0	5.9
FGP-21F	22 x 22	22 x 24	2.2	1.5	6.1
FGP-2142F	21 x 40	24 x 40	4.3	2.4	9.1
FGP-2148F	19 x 46	22 x 48	4.7	2.6	9.8
FGP-24F	24 x 24	24 x 27	2.2	1.5	6.1
FGP-2430F	24 x 30	26 x 30	2.8	1.8	7.0
FGP-2436F	24 x 36	24 x 40	3.4	2.0	8.0
FGP-2448F	24 x 48	26 x 48	4.4	2.4	9.3
FGP-28F	28 x 28	32 x 32	2.2	1.5	6.3
FGP-2840F	24 x 36	28 x 40	4.2	2.3	8.7
FGP-30F	30 x 30	30 x 34	3.6	2.0	8.1
FGP-36F	36 x 36	36 x 40	4.6	2.4	9.1
FGP-3648F	36 x 48	40x 48	6.8	3.2	11.5
FGP-48F	48 x 48	48 x 54	9.5	3.9	13.2

* Dimensions shown are approximate. Submit exact measurements when ordering



Round frame mounted catch basin filter insert.

Round - Frame Mounted Sizing

Model	Inlet Grate ID (in dia)*	Grate OD (in dia)*	Solids Storage Capacity (cu ft)	Filtered Flow (cfs)	Total Bypass Capacity (cfs)
FGP-RF15F	15	18	0.3	0.4	2.8
FGP-RF18F	18	20	0.3	0.4	2.8
FGP-RF20F	22	24	0.8	0.7	4.7
FGP-RF24F	24	26	0.8	0.7	4.7
FGP-RF36F	36	39	2.2	1.5	6.1

* Dimensions shown are approximate. Submit exact measurements when ordering

Other models available. Sizing and design charts are available for **curb-mounted**, **wall-mounted** and **combination inlet** configurations at www.hydro-international.biz or call toll free 800-848-2706



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