

# FLOGARD® DOWNSPOUT FILTER

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## Installation & Maintenance Guide

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A division of  
Oldcastle Precast

## **INSTALLATION GUIDELINES:**

1. Install 4 to 6 feet above the ground or floor in a readily accessible location
2. Firmly secure filter housing to wall using U-bolts or other mounting brackets.
3. Connect filter pipe stubs to downspout pipes using banded no-hub flexible couplers.
  - A. Smaller 4" and 6" downspout filters do not come with any mounting hardware or brackets. They are mounted in-line on the downspout pipes with a no-hub coupler like a Fernco.
  - B. Larger 8" and 10" units come with all required mounting hardware and brackets.

## **MAINTENANCE GUIDELINES:**

Federal, State and Local Clean Water Act regulations and those of insurance carriers require that stormwater filtration systems be maintained and serviced on a recurring basis. The intent of the regulations is to ensure that the systems, on a continuing basis, efficiently remove pollutants from stormwater runoff thereby preventing pollution of the nation's water resources. These Specifications apply to the FloGard® Downspout Filter.

## **RECOMMENDED FREQUENCY OF SERVICE:**

Drainage Protection Systems (DPS) recommends that installed FloGard Downspout Filters be serviced on a recurring basis. Ultimately, the frequency depends on the amount of runoff, pollutant loading and interference from debris (leaves, vegetation, cans, paper, etc.); however, it is recommended that each installation be serviced a minimum of three times per year, with a change of filter medium once per year. DPS technicians are available to do an on-site evaluation, upon request.

## **RECOMMENDED TIMING OF SERVICE:**

DPS guidelines for the timing of service are as follows:

1. For areas with a definite rainy season: Prior to, during and following the rainy season.
2. For areas subject to year-round rainfall: On a recurring basis (at least three times per year).
3. For areas with winter snow and summer rain: Prior to and just after the snow season and during the summer rain season.
4. For installed devices not subject to the elements (washracks, parking garages, etc.): On a recurring basis (no less than three times per year).

## **SERVICE PROCEDURES:**

1. The FloGard Downspout Filter shall be visually inspected for defects and possible leakage.
2. The Downspout Filter access door shall be opened. The filter tray shall be carefully pulled out using the handle and set on the floor over a drop cloth.
3. The collected materials in the upper filter shall be inspected, and then removed from the liner using an industrial vacuum or by dumping into an appropriate DOT approved container.
4. When all of the collected materials have been removed from the upper filter, it shall be removed to allow access to the lower filter medium.
5. The filter liner, gaskets, stainless steel frame and mounting brackets, etc., shall be inspected for continued serviceability. Minor damage or defects found shall be corrected on the spot and a notation made on the Maintenance Record. More extensive deficiencies that affect the efficiency of the filter (torn liner, door gasket damage, etc.), if approved by the customer representative, will be corrected and an invoice submitted to the representative along with the Maintenance Record.
6. The filter medium shall be inspected for defects and continued serviceability and replaced as necessary. See below for disposal.
7. The filter components and tray shall be replaced in the housing and the door closed and secured.

## **REPLACEMENT AND DISPOSAL OF EXPOSED FILTER MEDIUM AND COLLECTED DEBRIS**

The frequency of filter medium exchange will be in accordance with the existing DPS-Customer Maintenance Contract. DPS recommends that the medium be changed at least once per year. During the appropriate service, or if so determined by the service technician during a non-scheduled service, the filter medium will be replaced with new material. Once the exposed pouches and debris have been removed, DPS has possession and must dispose of it in accordance with local, state and federal agency requirements.

**DPS also has the capability of servicing all manner of storm drain filters, catch basin inserts and catch basins without inserts, underground oil/water separators, stormwater interceptors and other such devices. All DPS personnel are highly qualified technicians and are confined space trained and certified. Call us at (888) 950-8826 for further information and assistance.**

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