

# OPERATION, INSPECTION AND MAINTENANCE GUIDE

## DOWNSPOUT FILTER WITH BASKET OR CARTRIDGE

BY: **FABCO INDUSTRIES**

### INSPECTION AND MAINTENANCE

The Fabco DownSpout Filter system removes both particulate and soluble pollutants, such as heavy metals, from rooftop runoff.

The filter system comes in two configurations: a screen basket and a Fabco cartridge. While the basket provides gross sediment and leaf capture, the cartridge system provides maximum optimization for targeted pollutants while allowing fast exchange and safe disposal.



There are no hard and fast rules regarding cleaning frequency. The fact is installation sites (roofs) with higher-than-expected sediment loads require more maintenance. In general, Fabco Industries recommends cleaning DownSpout Filter units when the removable cartridge basin or screen basket becomes about one-third full, or if inlet/outlet pipes are obstructed.

### INSPECTION PROCEDURE

1. Remove the grate or lid.
2. Visually inspect for heavy sediment, trash, and debris loading.
3. Some telltale signs that cleaning or replacement is necessary are as follows:
  - Waterline marks within a couple inches from the bypass openings.
  - Standing water in the unit because it was designed to drain down after a storm.
  - Cannot see the cartridge(s) or screen because they are covered with sediment, trash, and debris, etc.
4. Record observations and comments on the maintenance log sheet. Include any necessary photos and/or sketches to maintain the most accurate records.

## MAINTENANCE PROCEDURE

1. Remove the grate or lid.
2. Remove all sediment, oils, liquid, and debris from the structure. It is recommended that a vacuum device be utilized to remove accumulated material. It is not necessary to remove the unit from the inlet.
3. If the unit contains a screen basket:
  - The removable basket is equipped with two lifting handles, one on each side of the basket. Using two hooks, carefully lift the basket straight out of the structure.
  - Rinse the basket with a high-pressure hose to dislodge and remove sediment and/or debris that may impede the performance of the filter system.
  - Replace the screen basket in the structure.
4. If the unit contains removable cartridges:
  - The removable cartridge basin is equipped with two lifting tabs, one on each side of the basin. Using two hooks, carefully lift the basin straight out of the structure.
  - Rinse the aluminum basin with a high-pressure hose to dislodge and remove sediment and/or debris that may impede the performance of the filter system.
  - After rinsing, remove each cartridge by rotating counterclockwise until rotation stops, and pull out. If necessary, wipe clean the cartridge sealing area on the filter box and install the new cartridges.
  - Lock the new cartridges in place by pushing and turning in the clockwise direction until rotation stops.
5. Dispose of all liquid, oils, sediment, debris, trash and other accumulates in accordance with local, state, and federal regulations.
6. Finish the maintenance by placing the grate/lid back into the structure and securing it as necessary.

