



Evolved Stormwater Solutions

DOWNSPOUT INDUSTRIAL STORMWATER TREATMENT FILTER SYSTEM

The Fabco DownSpout Filter is an industrial stormwater treatment system designed to treat particulates and soluble pollutants contained in runoff water from rooftops. This product is perfect for industrial facilities that deal with waste management, metal recycling, etc. Fabco DownSpout Filters are available in a self-contained cabinet for installation above ground positioned next to your building, or they can be designed into high strength, commercial plastic drainage structures for sub-surface installation.



Above Ground DownSpout



Below Ground DownSpout

Heavy Metals: Stormwater can react with metal roofs, metal components, or roof mounted equipment, releasing soluble metals such as zinc, copper, lead and aluminum into the environment. Studies have shown that zinc concentrations in rooftop runoff are substantially higher than those found in rainwater.

Pathogens: Birds, insects, and small mammals deposit fecal matter on rooftops and in gutters, contributing bacteria and pathogens to runoff.

Hydrocarbons: Polycyclic aromatic hydrocarbons (PAHs), dust and particulate matter from vehicle exhaust and the burning of fossil fuels can collect on roof surfaces, producing elevated PAH levels in runoff.

ABOVE GROUND DOWNSPOUT FEATURE SUMMARY:

- Cartridge based or geotextile filter bag systems available.
- Large stainless steel filter enclosure offers multiple above ground installation and mounting options.
- Hinged door panel provides easy access too filter chambers for maintenance.
- 4" PVC inlet/outlet pipes (standard).
- Built-in high flow bypass.
- Internal pretreatment debris screen chamber separates and keeps solid materials out of the filter area.

BELOW GROUND DOWNSPOUT FEATURE SUMMARY:

- Cartridge based, geotextile filter bag, or perforated stainless steel debris basket systems available.
- All of these systems are designed to fit into large plastic sub-surface drainage structures.
- Solid manholes or grated inlets located at grade level provide access for cleaning or maintenance.
- Pipe stubs incorporated into the structures move water into and out of the filter.
- Various pipe diameters and entrance/exit angles can be specified for the stubs.