

# Beehive Overflow

Rain gardens are generally designed to only capture either the first inch of runoff or some specific Water Quality Volume (WQv) for treatment. Some type of overflow mechanism should be considered in order to prevent erosion and other potential damage from flooding.

Fabco's Beehive (or Rain Garden overflow) filter is the perfect solution for this application. It can be added to capture floatables and solids in any type of round bypass or overflow structure.

## Fabco's Beehive Filters consist of 2 components:

- A geotextile filter bag connected to a support frame using a support ring.
- An expansion ring (plastic or aluminum) is sized to fit inside the pipe.

## Key Benefits of Beehive Filters

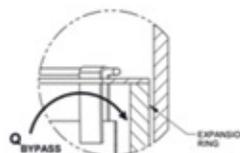
- Simple, durable, corrosion resistant construction
- Sizes to fit most pipes: 8" up to 36" ID – short (12") and long (21") bags available
- Fast, simple installation
- No worries about grate/frame compatibility
- Cost-effective protection for high flow operation
- Reduces clogs – keeps sediments and debris out of underground detention unit
- Quick clean out – beehive filter lifts up and out for servicing



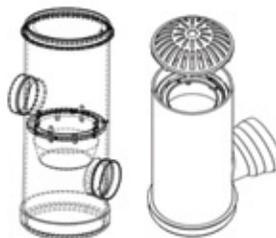
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## Sizing

Unit Description	Capacity / Cubic Foot	Filtered Q / GPM/CFS	Bypass Q / GPM/CFS
Beehive Filter 8" Standard Bag (10288-1)	0.13	35 / 0.08	135 / 0.3
Beehive Filter 12" Standard Bag (10135-1)	0.7	776.0 / 1.7	455.3 / 1.0
Beehive Filter 12" Short Bag (10135-1S)	0.4	469.4 / 1.0	455.3 / 1.0
Beehive Filter 15" Standard Bag (10135-2)	1.0	965.3 / 2.2	615.4 / 1.4
Beehive Filter 15" Short Bag (10135-2S)	0.6	601.0 / 1.3	615.4 / 1.4
Beehive Filter 18" Standard Bag (10135-3)	1.2	1,061.9 / 2.4	615.4 / 1.4
Beehive Filter 18" Short Bag (10135-3S)	0.7	667.6 / 1.5	615.4 / 1.4
Beehive Filter 24" Standard Bag (10135-4S)	2.8	1,745.3 / 3.9	1,005.3 / 2.2
Beehive Filter 24" Short Bag (10135-4S)	1.6	1,125.0 / 2.5	1,005.3 / 2.2
Beehive Filter 30" Standard Bag (10135-5S)	2.8	1,745.3 / 3.9	1,005.3 / 2.2
Beehive Filter 30" Short Bag (10135-5S)	1.6	1,125.0 / 2.5	1,005.3 / 2.2



Beehive Filters all have a bypass/overflow built in as shown above.



Beehive Filters adapt to a variety of drainage structures (above).

Fabco offers filtration options for a wide variety of drainage structures (Right).

