

# Bioteg Force Main Biofilter

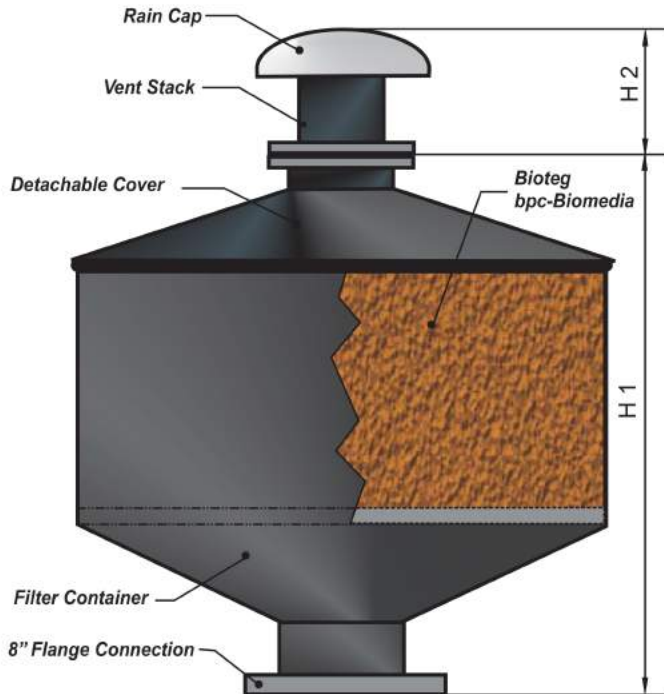
DEBF-Series

## Application

Bioteg DEBF-Series Biofilters provide mid-volume (15-45 cfm) H<sub>2</sub>S removal for spot applications surrounding underground pump station and main system vent pipes. They present a negligible footprint and can be easily installed, above or below ground, to an 8" flange connection of a force-main vent pipe.

HDPE and stainless steel construction ensures durable field life and all but eliminates vessel maintenance.

As with all Passive Bioteg Biofilters, the DEBF-Series employs our proprietary bpc - Biomeia to provide up to seven years of effective odor removal.



## DEBF Specifications

H<sub>2</sub>S Concentration..... < 50 ppm  
 Removal Rate ..... > 95%  
 Pressure Drop ..... < 0.5 iwg

Model	CFM	Dia.	Height H1	Height H2	Weight <sup>**1</sup>
DEBF-15	15	31"	35"	20"	440 lbs.
DEBF-30	30	39"	41"	to	770 lbs.
DEBF-45	45	47"	43"	60"	1,080 lbs.

## Advantages

- > Low Investment Cost
- > High Efficiency
- > Trouble-Free Operation
- > Quick and Easy Installation
- > Minimal Maintenance
- > Long Lasting Media

## Bioteg Passive Biofilters

Bioteg Passive Biofilters are an ideal and inexpensive solution to treat nuisance odors at the source anywhere in the collection system.

All Bioteg Biofilters employ our proprietary bpc-Biomeia with an extremely low pressure drop, allowing their use as Passive Biofilters. The normal pressure in the sewer system forces the air through the biofilter, where microorganisms degrade the odorous substances.

The Biomeia is self-regenerating and may therefore have a service life of up to 7 years. The spent media is not hazardous and can be easily replaced.

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