

## Application

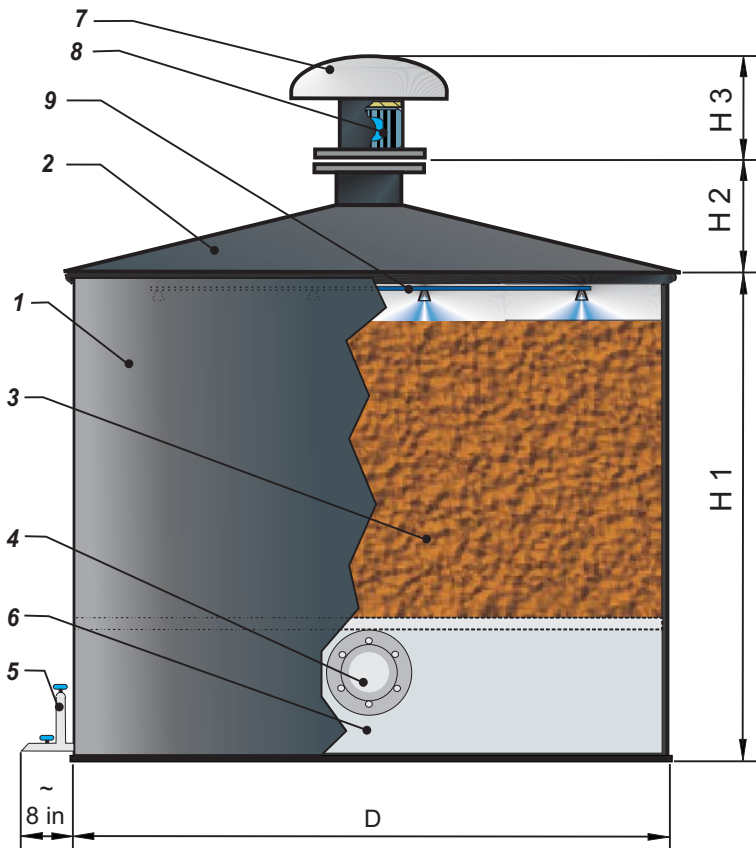
The Bioteg SRBF-Series Biofilter, with its compact design and long service life, can be applied to relieve a variety of different odor problems.

Applications for the Stand-Alone Biofilter include pump and lift stations, varied processes at wastewater treatment plants, landfills and the Food and Chemical Industry. They are designed to treat airstreams from 10 to 250 cfm.

The SRBF-Series Biofilters can be used as inexpensive passive biofilters (displacement method), or as active biofilters with a fan, an irrigation system and the necessary controls.

The active biofilter is designed to run automatically with very little maintenance requirements. HDPE and stainless steel construction ensures durable field life.

As with all Bioteg Biofilters, the SRBF-Series employs our proprietary bpc - Biomeia to provide up to seven years of effective odor removal. The replacement of the media is an easy and inexpensive process. The used biofilter material is not hazardous and can be readily composted.



- 1) Filter Container (HDPE; option: stainless steel)
- 2) Detachable Cover (HDPE; option: stainless steel)
- 3) Filter Material (Bioteg bpc-Biomeia)
- 4) Air Inlet Flange
- 5) Siphon for drainage and condensate overflow
- 6) Air distributor and condensate separator
- 7) Fan Cover (HDPE; option: stainless steel)
- 8) Fan (option: explosion proof)
- 9) Electronically controlled surface irrigation system

Number 7, 8 and 9 are optional extras for active use

## Technical Data and Measurements

Surfaces in contact with the contaminating media:

**HDPE, PPs, PVC, stainless steel**

Biofilter Material: **bioteg bpc-BT50, bpc-BT100**

Type	Weight*) approx.. [lbs]	Waste Air Stream [cfm]	D [in]	H 1 approximately [in]	H 2 [in]
SRBF- 12	240	12	24	39	7
SRBF- 18	300	18	32	39	8
SRBF- 30	530	30	32	47	8
SRBF- 45	730	45	43	51	9
SRBF- 60	990	60	51	51	9
SRBF- 90	1,430	90	51	63	9
SRBF-120	2,180	120	59	63	10
SRBF-180	3,200	180	69	63	10
SRBF-240	3,970	240	79	63	11

H 3 for all filters: approx. 14 inches

\*) Weight: humidified and ready to use

**Special sizes upon request**

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## Advantages

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



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