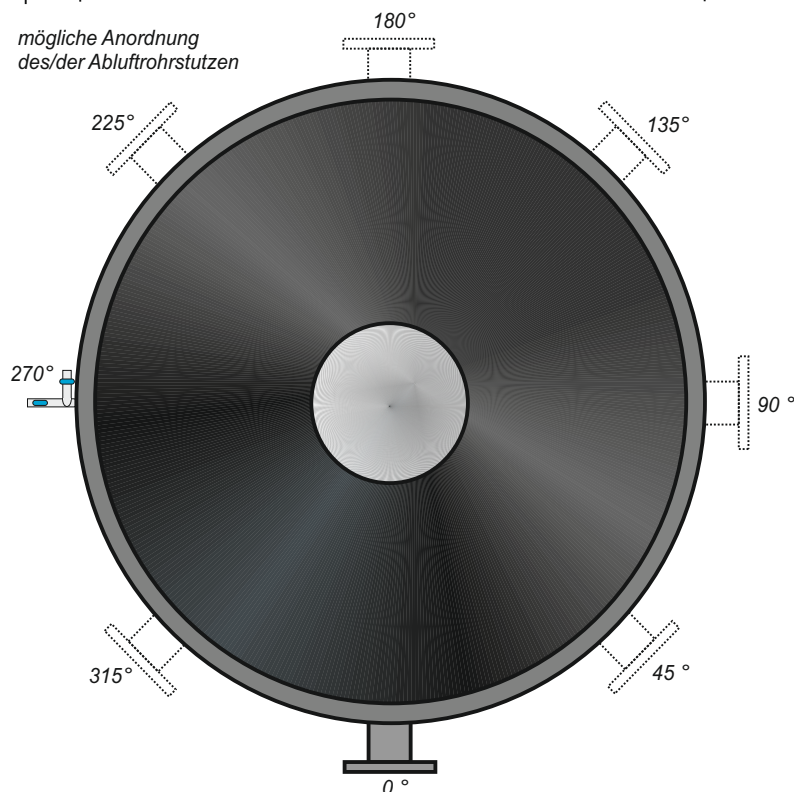


mögliche Anordnung  
des/der Abluftrohrstutzen



**Application**

The Circular Stand-Alone Biofilter, with its compact design and long service life, can be applied to relieve a variety of different odor problems. Among our customers for the SRBF Series are sewage treatment plants, landfills and sewage storage systems, but also the Food and Chemical Industry. They are designed to treat airstreams from 20 to 400 m<sup>3</sup>/h. To adapt to higher airstreams (of up to 2,600 m<sup>3</sup>/h), our Circular Stand-Alone Biofilters can be run in a two to four unit arrangement.

These filters can be used as inexpensive passive biofilters (displacing method), and are readily upgradeable to active biofilters, at any time, by the addition of a cover and a fan.

A controlled surface irrigation system is optional. Depending on the environmental conditions, the biofilter material lasts 3 to 7 years. The replacement of the filter material is an easy and inexpensive process. The used biofilter material can then be readily composted.

**Technical Data and Measurements**

Surfaces in contact with the contaminating media:  
**HDPE, PPs, PVC, stainless steel**  
Biofilter Material: **bioteg bpcBT50, bpcBT100**

TYPE	Weight ca. [Kg]	Airstream [m <sup>3</sup> /h]	D [mm]	H 1 /ca.H 2 [mm]
SRBF 20	110	20	610	1000 180
SRBF 30	150	30	810	1000 200
SRBF 50	240	50	810	1200 200
SRBF 75	330	75	1100	1300 230
SRBF 100	450	100	1300	1300 240
SRBF 150	650	150	1300	1600 240
SRBF 200	990	200	1500	1600 250
SRBF 300	1450	300	1700	1600 260
SRBF 400	1800	400	2000	1600 270

H 3 for all types the same approximately 350 mm

Weight of biofilter ready for use

Special dimensions on request.

Technical changes possible February 2005

**Key**

- 1) Filter Container (a=HDPE; b=stainless steel)
- 2) Detachable Cover (a=HDPE; b=stainless steel)
- 3) Filter Material
- 4) Connecting branch for Input Pipe
- 5) Siphon for drainage and condensate overflow
- 6) Air distributor (and condensate separator)
- 7) Ventilator Cover (a=HDPE; b=stainless steel)
- 8) Ventilator (a=with explosion protection; b=without explosion protection)
- 9) Electronically controlled surface irrigation system

a is the standard version

Number 2, 7b, 8 and 9 are optional extras

**Different materials and design upon request**

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