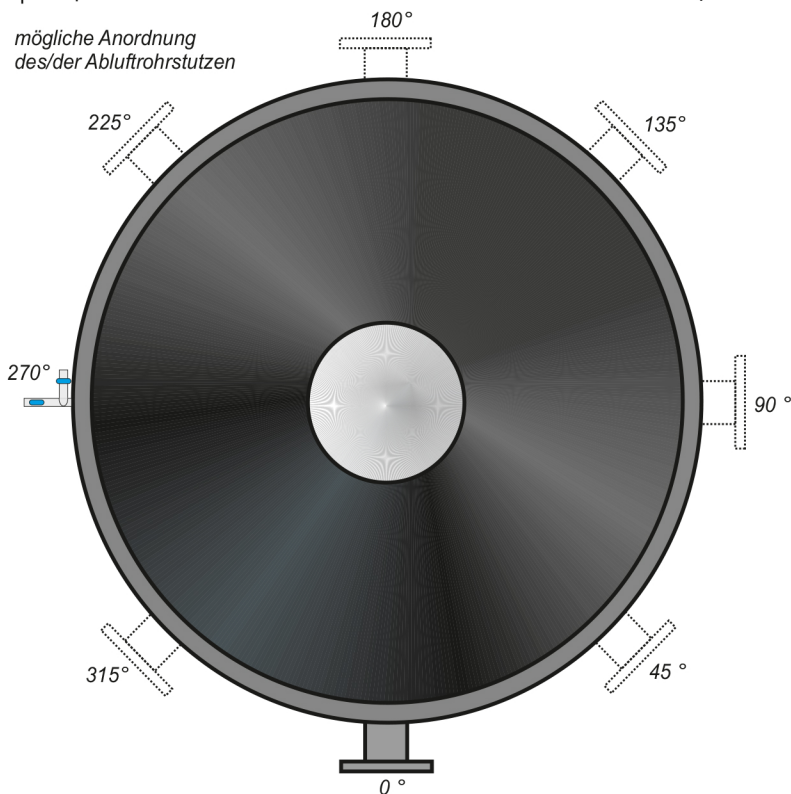


mögliche Anordnung
des/der Abluftrohrstutzen



Application

The Circular StandAlone 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 m³/h. To adapt to higher airstreams (of up to 2,600 m³/h), our Circular StandAlone 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 ³ /h]	D [mm]	H 1 /ca. H2 [mm]	H 3
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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