



**Application**

The Drop-In Biofilter of the EBF series is designed to treat odorous waste air from covered storage basins at wastewater treatment facilities or pump stations. The filter is suspended on a flange ring on the cover, treating the contaminated air of the enclosed system before it is released. The EBF is mainly used as an inexpensive **passive biofilter** (without ventilator), and is readily upgradeable at any time to an **active biofilter** by the addition of a ventilator. A controlled surface irrigation system is optional. Prerequisite for installation is a supporting ring in the cover of the diameter D1 and capability of supporting the given weight. Depending on the environmental conditions, the biofilter material lasts 3 to 7 years. The replacement of the filter material is easy and not expensive.

**Technical Data and Dimensions**

Materials with media contact: PE, PPs, VA, PVC  
 Biofilter material: bioteg bpc BT-50 and bpc BT-100

TYPE	Weight* <sup>1</sup> ca. [Kg]	Waste air [m³/h]	D1 / D2 [mm]	H1 / H2 [mm]
EBF- 20	100	20	590 690	700 180
EBF- 30	120	30	790 890	900 200
EBF- 50	220	50	790 890	1000 200
EBF- 75	300	75	990 1090	1100 230
EBF-100	410	100	1190 1340	1100 240
EBF-150	590	150	1190 1340	1300 240
EBF-200	900	200	1390 1540	1500 250
EBF-300	1380	300	1490 1640	1800 260
EBF-400	1720	400	1690 1840	1800 270

Heigh H3 is the same for all types: appr. 350 mm

X - value = depth of drop-in = according to requirements

\*<sup>1</sup>) operational weight (wet and ready to use)

different sizes and design on request.

Technical adjustment reserved

**Key**

- 1 Filter container (a=PEHD;b=1.4571)
- 2 Detachable cover (a=PEHD;b=1.4571)
- 3 Filter material
- 4 Suspension ring with gasket (X according to requirements)
- 5 Ventilator cover (a=PEHD, b=1.4571)
- 6 Ventilator (a=ex-protection; b=no ex-protection)
- 7 Controlled surface irrigation system

Version "a" = standard / 2, 5b, 6 and 7 optional  
 explosion protection available



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