The Force Main Biofilters have been specially designed to reduce sewage odors emitting from force main air release valves. The filter is mounted, above or below ground, to the connecting piece of a force main ventilation pipe. They can be run as inexpensive passive biofilters with a vent stack, or can be equipped with a ventilator. The Bioteg Force Main Biofilters can be networked to adapt to greater airflow rates. Depending on the environmental conditions, the biofilter material may last from 3 to 7 years. The replacement of the filter material is easy and not expensive.

**Application**

Surfaces in contact with the contaminating media: PE, PPs, stainless steel, PVC
Biofiltermatrix: bioteg bpc BT-50

**Technical Data and Dimensions**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Weight [Kg]</th>
<th>Waste air [m³/h]</th>
<th>D1 [mm]</th>
<th>H1 [mm]</th>
<th>H2 [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEBF-25</td>
<td>200</td>
<td>25</td>
<td>790</td>
<td>900</td>
<td>500</td>
</tr>
<tr>
<td>DEBF-50</td>
<td>350</td>
<td>50</td>
<td>990</td>
<td>1050</td>
<td></td>
</tr>
<tr>
<td>DBBF-75</td>
<td>490</td>
<td>75</td>
<td>1190</td>
<td>1100</td>
<td>1500</td>
</tr>
</tbody>
</table>

**Bezeichnungen**

1. Filter container (a=PEHD; b=1.4571)
2. Detachable cover (a=PEHD; b=1.4571)
3. Filter material
4. Ventilator cover (a=PEHD, b=1.4571)
5. Vent stack (length according to requirements)
6. Ventilator (a=with ex-protection; b=without ex-protection)
7. Flange ring for mounting on ventilation pipe

Version "a"/5 = Standard / 2, 5 and 6 optional different materials and design on request explosion protection available