This multi-bag filter housing is equipped with proven and easy-to-use rugged eye-bolt cover closure. The flat lid construction, combined with Eaton’s SENTINEL® filter bag seal rings, seal perfectly against the lid and minimize the amount of residual product on the inner surface. This reduces product loss, spillage and makes cleaning easier. Units are available in 4 filter bag configuration and come standard with filter bag size 02 stainless steel restrainer baskets.

### Features
- A counter-balanced, spring-assisted cover lifting mechanism allows for quick and easy opening of even large covers by one person.
- Flat lid design improves sealing, reduces product loss and makes filter bag change-outs cleaner.
- Direct feeding of filter bags via individual inlets generates a laminar flow. This ensures optimal cake formation to further improve filtration performance.
- Heavy-duty stainless steel mounting legs are included.
- Designed in accordance with “AD 2000-Merkblätter”, EN 13445 and PED.

### Options
- Available in 304 or 316 stainless steel for high corrosion resistance.
- Buna-N® O-rings for the cover are standard. EPDM, Viton®, PTFE encapsulated Viton or silicone rubber seals and gaskets are available.
- Multiple I/O connections to suit application.
- Low profile design with side inlet and tangential outlet provides easy and full drainage and reduces housing height to make filter bag change-outs easier. No need for ladders, stools or catwalks.

Viton® is a registered trademark of E. I. du Pont de Nemours and company.
### Technical data

<table>
<thead>
<tr>
<th>Models</th>
<th>No. of filter bags</th>
<th>Size</th>
<th>Flow rate¹</th>
<th>Max. pressure bar</th>
<th>Max. temp. °C</th>
<th>Housing volume l</th>
<th>Housing weight kg</th>
<th>I/O connections</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDE-0402 tangential/304</td>
<td>4</td>
<td>2</td>
<td>160 m³/h</td>
<td>7</td>
<td>60</td>
<td>185</td>
<td>250</td>
<td>DN 100 PN 10 (DIN flange)</td>
</tr>
<tr>
<td>MDE-0402 tangential/316</td>
<td>4</td>
<td>2</td>
<td>160 m³/h</td>
<td>7</td>
<td>60</td>
<td>185</td>
<td>250</td>
<td>DN 100 PN 10 (DIN flange)</td>
</tr>
<tr>
<td>MDE-0402 bottom outlet/304</td>
<td>4</td>
<td>2</td>
<td>160 m³/h</td>
<td>7</td>
<td>60</td>
<td>185</td>
<td>250</td>
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<td>185</td>
<td>250</td>
<td>DN 100 PN 10 (DIN flange)</td>
</tr>
</tbody>
</table>

1. Maximum theoretical flow based on water viscosity, filter bag specific.

### Applications

- Coarse filtration > 500 µm ✓
- Medium filtration > 10 µm ✓
- Fine filtration < 10 µm ✓
- Pre-filtration ✓
- Safety filtration ✓
- High volume ✓
- Batch filtration ✓
- Circuit filtration ✓
- Continuous filtration ✓
- Solvents, paints ✓
- Fats and oils ✓
- Catalyst, activated carbon ✓
- Acids, bases ✓
- Petrochemicals ✓
- Water, waste water ✓
- Chemical industry ✓
- Pharmaceuticals ✓
- Metal cleaning ✓
- Automotive ✓
- Electronics ✓
- Food and beverage ✓
- Paint and lacquer ✓
- Water treatment ✓
- Galvanic industry ✓

### Request a Quote:

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