Eaton’s MAXILINE™ VMBF multi-bag filter housing is user-friendly, cost-effective and designed for high volume applications and processes demanding frequent filter bag change-outs. Ideal for batch process runs and high dirt load applications.

This multi-bag filter housing is equipped with the QIC-LOCK™ opening mechanism. Units are available in 4, 8 and 12 filter bag configurations and come standard with filter bag size 02 stainless steel restrainer baskets.

**Features**
- 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
- Positive O-ring sealing provides bypass-free, safe filtration while the unique 3-point hold down ensures a high-quality seal between each filter bag and the housing body
- QIC-LOCK opening mechanism allows for safe, easy and fast filter bag change-outs for higher productivity and lower operating costs. Ideal for processes requiring frequent filter bag changes such as batch applications
- Automatic safety interlock for venting housing (cover cannot be opened if housing is under pressure)
- A counter-balanced, spring-assisted cover lifting mechanism allows for quick and easy opening of even large covers by one person
- Heavy-duty stainless steel mounting legs are included
- Designed in accordance with “AD 2000-Merkblätter”, EN 13445 and PED

**Options**
- Available in 316 or 316 Ti stainless steel for high corrosion resistance
- Buna N® O-rings for the cover are standard. EPDM, Viton® or silicone rubber seals and gaskets are available
- Multiple I/O connections to suit application

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QIC-LOCK rapid opening mechanism ensures simple, operator-friendly, and safe operation with minimal downtime to increase productivity and decrease running costs.
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

Technical data

<table>
<thead>
<tr>
<th>Models</th>
<th>No. of Filter bags</th>
<th>Size</th>
<th>Flow rate1 (m³/h)</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>VMBF-0402</td>
<td>4</td>
<td>2</td>
<td>160</td>
<td>10</td>
<td>121</td>
<td>205</td>
<td>220</td>
<td>DN 100 PN 16</td>
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<tr>
<td>VMBF-0802</td>
<td>8</td>
<td>2</td>
<td>320</td>
<td>10</td>
<td>121</td>
<td>440</td>
<td>465</td>
<td>N 150 PN 16 (DIN flange)</td>
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<tr>
<td>VMBF-1202</td>
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<td>2</td>
<td>480</td>
<td>10</td>
<td>121</td>
<td>645</td>
<td>770</td>
<td>DN 250 PN 16 (DIN flange)</td>
</tr>
</tbody>
</table>

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

Dimensions for reference only and approximate. Exact dimensions for installation purposes available on request. The 8 bag loop style dimensions are available on the Eaton website.

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