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.

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 Section VIII, Division 1 of the ASME Code

Options
- Available in 304 or 316 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

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

QIC-LOCK rapid opening mechanism ensures simple, operator-friendly, and safe operation with minimal downtime to increase productivity and decrease running costs
MAXILINE VMBF Multi-Bag Filter Housing

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
- 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 GPM (m³/h)</th>
<th>Max. pressure psi (bar)</th>
<th>Max. temp. °F (°C)</th>
<th>Housing volume gal (l)</th>
<th>Housing weight lb (kg)</th>
<th>I/O connections</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMBF-0402</td>
<td>4</td>
<td>2</td>
<td>705 (160)</td>
<td>150 (10)</td>
<td>250 (121)</td>
<td>69 (261)</td>
<td>484 (220)</td>
<td>4*</td>
</tr>
<tr>
<td>VMBF-0602</td>
<td>6</td>
<td>2</td>
<td>1057 (240)</td>
<td>150 (10)</td>
<td>250 (121)</td>
<td>139 (526)</td>
<td>920 (417)</td>
<td>6*</td>
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<tr>
<td>VMBF-0802</td>
<td>8</td>
<td>2</td>
<td>1409 (320)</td>
<td>150 (10)</td>
<td>250 (121)</td>
<td>141 (534)</td>
<td>970 (440)</td>
<td>8*</td>
</tr>
<tr>
<td>VMBF-1002</td>
<td>10</td>
<td>2</td>
<td>1761 (400)</td>
<td>150 (10)</td>
<td>250 (121)</td>
<td>248 (939)</td>
<td>1,050 (476)</td>
<td>10*</td>
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<tr>
<td>VMBF-1202</td>
<td>12</td>
<td>2</td>
<td>2114 (480)</td>
<td>150 (10)</td>
<td>250 (121)</td>
<td>248 (939)</td>
<td>1,070 (485)</td>
<td>10*</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.

Request a Quote:
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