Multi-Bag Filter Vessel
MF series
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Multi-Bag Filter Vessel

MF series

**MULTI BAG FILTER VESSEL**

Our user friendly design multi bag filter with construction from 3 bags to 24 bags to meet larger liquid flow rate requirement up to 1,000 m3/hr

All bag filter designs are in ASME VIII see VIII DIV I standard.

**Features**

- Unique mechanical spring rotating cover
- Bag filter with easy operation and high economy
- Each filter bag has a separate locking device to ensure the filter and filter
- Good sealing between bags
- 3 points balance lock the filter bag to ensure no side leakage
- Designed according to ASME standards
- Available in 3 to 24 bags
- Suitable for occasions with large flow and solid content

**Cover Closure Options**

- DL type
  Davit Lid Cover Closure
- SA type
  Unique Spring Lifting cover closure
- SB type
  Spring Balancer Cover Closure
- SV type
  Quick Opening Cover
MF Vessel Engineering Specification

<table>
<thead>
<tr>
<th>Vessel Type</th>
<th>Size</th>
<th>No. of Filter Bag</th>
<th>Theoretical Flow Rate</th>
<th>Max. Operating Pressure</th>
<th>Max. Operating Temperature</th>
<th>Filter Area</th>
<th>Inlet/Outlet</th>
</tr>
</thead>
<tbody>
<tr>
<td>MF2A2-10-030A-SB</td>
<td>#02</td>
<td>2</td>
<td>80 m³/hour</td>
<td>10.0 bar</td>
<td>120°C</td>
<td>1.0 m²</td>
<td>3” - 4”</td>
</tr>
<tr>
<td>MF3A2-10-030A-SB</td>
<td>#02</td>
<td>3</td>
<td>120 m³/hour</td>
<td>10.0 bar</td>
<td>120°C</td>
<td>1.5 m²</td>
<td>3” - 4”</td>
</tr>
<tr>
<td>MF4A2-10-040A-SB</td>
<td>#02</td>
<td>4</td>
<td>160 m³/hour</td>
<td>10.0 bar</td>
<td>120°C</td>
<td>2.0 m²</td>
<td>3” - 6”</td>
</tr>
<tr>
<td>MF5A2-10-040A-SB</td>
<td>#02</td>
<td>5</td>
<td>200 m³/hour</td>
<td>10.0 bar</td>
<td>120°C</td>
<td>2.5 m²</td>
<td>4” - 6”</td>
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<tr>
<td>MF6A2-10-060A-SB</td>
<td>#02</td>
<td>6</td>
<td>240 m³/hour</td>
<td>10.0 bar</td>
<td>120°C</td>
<td>3.0 m²</td>
<td>4” - 6”</td>
</tr>
<tr>
<td>MF8A2-10-060A-SB</td>
<td>#02</td>
<td>8</td>
<td>320 m³/hour</td>
<td>10.0 bar</td>
<td>120°C</td>
<td>4.0 m²</td>
<td>6” - 8”</td>
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<tr>
<td>MF10A2-10-080A-SB</td>
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<td>10</td>
<td>400 m³/hour</td>
<td>10.0 bar</td>
<td>120°C</td>
<td>5.0 m²</td>
<td>8” - 10”</td>
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<tr>
<td>MF12A2-10-080A-SB</td>
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<td>12</td>
<td>480 m³/hour</td>
<td>10.0 bar</td>
<td>120°C</td>
<td>6.0 m²</td>
<td>8” - 10”</td>
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<tr>
<td>MF14A2-10-080A-SB</td>
<td>#02</td>
<td>14</td>
<td>560 m³/hour</td>
<td>10.0 bar</td>
<td>120°C</td>
<td>7.0 m²</td>
<td>8” - 10”</td>
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<td>MF16A2-10-100A-SB</td>
<td>#02</td>
<td>16</td>
<td>640 m³/hour</td>
<td>10.0 bar</td>
<td>120°C</td>
<td>8.0 m²</td>
<td>8” - 12”</td>
</tr>
<tr>
<td>MF18A2-10-100A-SB</td>
<td>#02</td>
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<td>720 m³/hour</td>
<td>10.0 bar</td>
<td>120°C</td>
<td>9.0 m²</td>
<td>10” - 14”</td>
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<td>MF20A2-10-140A-SB</td>
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<td>800 m³/hour</td>
<td>10.0 bar</td>
<td>120°C</td>
<td>10.0 m²</td>
<td>10” - 16”</td>
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<td>MF22A2-10-160A-SB</td>
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<td>880 m³/hour</td>
<td>10.0 bar</td>
<td>120°C</td>
<td>11.0 m²</td>
<td>12” - 18”</td>
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<td>MF24A2-10-180A-SB</td>
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<td>24</td>
<td>960 m³/hour</td>
<td>10.0 bar</td>
<td>120°C</td>
<td>12.0 m²</td>
<td>14” - 18”</td>
</tr>
</tbody>
</table>

MF Vessel Engineering Drawing Sample
**How To Order From US**

Send us an inquiry, we will respond with a quote

Purchase order & agreement, and production

Completion, delivery, and sea freight

Whether it's for filter housing, filter bags, cartridges, or customisable solutions, we'll respond with a quotation for your needs. We ensure the highest quality finishes and consistency in our products. Email us your requirements and we'll get in touch.

Once a purchase order is made and our payments terms are agreed to, we'll begin production of your order. Depending on the order, our lead time would vary between one week to four weeks. We'll keep you updated on the progress and status.

Once completed, we'll arrange a sea freight shipment to your specified location. We deliver internationally. Delivery by courier is also available. Clients can choose to arrange for self-collection direct from our factories through a forwarder, if they would like to handle their own shipment.

For Inquiry contact us at Sales-Inquiry@universal-filtration.com