Side Entry Bag Filter Vessel
SF series
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Side Entry Bag Filter Vessel SF series

**SIDE ENTRY FILTER VESSEL**

Our durable bag filter is suitable for general filtration requirement in all industrial applications with liquid of low to medium viscosity.

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

**Features**
- Eye bolt locking structure
- Unique and reliable seal design
- Can be assembled with all standard filter bags
- The inner and outer surfaces of the cylinder are sandblasted for easy cleaning
- Designed according to ASME standards
- Operating pressure: 10 bar / 160 degrees Celsius

**Cover Closure Options**
- Versatile Design for Convenience Handling
- Swing Eye Bolt Closure Construction
- Unique design for perfect bag sealing
  Fix perfectly with all standard bags
UNIVERSAL FILTRATION
FILTER VESSEL DATASHEET

SF Vessel Engineering Specification

<table>
<thead>
<tr>
<th>Vessel Type</th>
<th>SF1A1-10-020A</th>
<th>SF1A2-10-020A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>Size 01</td>
<td>Size 02</td>
</tr>
<tr>
<td>Filter Area</td>
<td>0.25m²</td>
<td>0.50m²</td>
</tr>
<tr>
<td>Theoretical Flow Rate</td>
<td>20m³/hour</td>
<td>40m³/hour</td>
</tr>
<tr>
<td>Maximum Operating Pressure</td>
<td>10.0bar</td>
<td>10.0bar</td>
</tr>
<tr>
<td>Maximum Operating Temperature</td>
<td>120 Deg C</td>
<td>120 Deg C</td>
</tr>
<tr>
<td>Material of Construction</td>
<td>All Wetted Parts</td>
<td>Type 304 or 316L stainless steel</td>
</tr>
<tr>
<td>Seal Material</td>
<td>Buna, EPDM, Viton, PTFE, Viton+PTFE</td>
<td></td>
</tr>
<tr>
<td>Standard Inlet/Outlet</td>
<td>2&quot; flange or BSP 2&quot; socket</td>
<td></td>
</tr>
<tr>
<td>Surface Finish</td>
<td>Glass Bead Blasted (standard)</td>
<td></td>
</tr>
<tr>
<td>Filter Volume</td>
<td>15.5 litres</td>
<td>27.0 litres</td>
</tr>
<tr>
<td>Housing Weight</td>
<td>15kg (approx.)</td>
<td>20kg (approx.)</td>
</tr>
<tr>
<td>Installation Height</td>
<td>98cm (approx.)</td>
<td>181cm (approx.)</td>
</tr>
<tr>
<td>Installation Space</td>
<td>50cm x 50cm (approx.)</td>
<td>50cm x 50cm (approx.)</td>
</tr>
</tbody>
</table>

SF Vessel Engineering Drawing Sample

Universal Side Entry Bag Filter Vessel

(1&2) For more detailed descriptions and information suited for your requirements, contact us at sales-inquiry@universal-filtration.com. Uses may vary depending on needs and requirements of end client.
**Ordering Specification code**

Filter Vessel Code  SF 1 A 2 - 10 - 020- A - M

- **No of Bags**: 1
- **Material**
  - A – SS304
  - S – SS316
- **Filter Bag Size**
  - 1 – #1, 2 – #2
  - 3 – #3, 4 – #4
- **Design Pressure**
  - 10 – for size 1 & 2
  - 21 – for size 3 & 4
- **Connection**
  - 015 – 1 ½” (for #3 & #4)
  - 020 – 2” (for #1 & #2)
- **Connection Type**
  - B – BSP coupling
  - N – FNPT Coupling
  - J – JIS Flange
  - A – ANSI Flange
  - D – DIN Flange
- **Suffix**
  - M - Modification

(3) Contact us at sales-inquiry@universal-filtration.com if you are unsure of specification codes. We will assist and recommend a desired solution based on your requirements.

**How To Order From US**

**Send us an inquiry, we will respond with a quote**

Whether its 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.

**Purchase order & agreement, and production**

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.

**Completion, delivery, and sea freight**

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

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