Top Entry Bag Filter Vessel
TF series
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Top Entry Bag Filter Vessel TF series

Universal Top inlet bag filter designed to give you perfect 360 degree sealing of plastic collar fully welded filter bag sit inside the filter to ensure absolute no by pass, it gives you the top performance in your most challenging liquid filtration process.

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

Features
- The precision casting top cover has high precision, few welds and stable pressure resistance
- The top cover directly presses and seals the filter bag to ensure the filtration process
- Almost 100% no leakage
- The inner and outer surfaces of the cylinder are sandblasted, the inside is smooth,
- Cleaning work is easier
- Designed according to ASME standards
- Operating pressure: 10 bar / 120 degrees Celsius

Design
- Best Sealing design suitable for critical filtration demands
- Precision casting head to reduce pressure loss
- Easy cleaning for your next job
ASME Design
### TF Vessel Engineering Specification

<table>
<thead>
<tr>
<th>Vessel Type</th>
<th>TF1A1-10-020A</th>
<th>TF1A2-10-020A</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°C</td>
<td>120°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” Flange</td>
<td>2” Flange</td>
</tr>
<tr>
<td>Surface Finish</td>
<td>Glass Bead Blasted (standard)</td>
<td></td>
</tr>
<tr>
<td>Filter Volume</td>
<td>13.0 litres</td>
<td>27.0 litres</td>
</tr>
<tr>
<td>Housing Weight</td>
<td>20kg (approx.)</td>
<td>25kg (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>

### TF Vessel Engineering Drawing Sample

![Diagram of TF Vessel Engineering Drawing Sample](image)

![Universal Top Entry Bag Filter Vessel](image)

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(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.
**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 payment 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

(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.

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TOP ENTRY BAG FILTER VESSEL
TOP ENTRY FILTRATION UNIT