Economic Bag Filter Vessel
EF Series

SIMPLE AND COST EFFECTIVE
GENERAL PURPOSE FILTRATION UNIT

SALES-INQUIRY@UNIVERSAL-FILTRATION.COM
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Economic Bag Filter Vessel- EF series

SIMPLE AND COST EFFECTIVE

Our Economic Bag Filter Vessel series is designed for a general purpose use for your filtration needs.

Simple V clamp Cover design makes it easy to use for general purpose filtration needs, it is available for flow rate up to 40 m3/hr (water).

Features

- Most cost effective vessel available
- Quick V Clamp Closure Design
- SS 304 / 316 construction
- Unique Viton profile gasket for perfect bag sealing
- Fix perfectly with all standard bags
- 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
EF Vessel Engineering Specification

<table>
<thead>
<tr>
<th>Vessel Type</th>
<th>EF1A1-6-020B</th>
<th>EF1A2-6-020B</th>
<th>EF1A3-9-015B</th>
<th>EF1A4-9-015B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>Size 01</td>
<td>Size 02</td>
<td>Size 03</td>
<td>Size 04</td>
</tr>
<tr>
<td>Filter Area</td>
<td>0.25m²</td>
<td>0.50m²</td>
<td>0.09m²</td>
<td>0.16m²</td>
</tr>
<tr>
<td>Theoretical Flow Rate</td>
<td>20m³/hour</td>
<td>40m³/hour</td>
<td>6m³/hour</td>
<td>12m³/hour</td>
</tr>
<tr>
<td>Maximum Operating Pressure</td>
<td>6.0bar</td>
<td>6.0bar</td>
<td>9.0bar</td>
<td>9.0bar</td>
</tr>
<tr>
<td>Maximum Operating Temperature</td>
<td>120°C</td>
<td>120°C</td>
<td>120°C</td>
<td>120°C</td>
</tr>
</tbody>
</table>

Material of Construction:
- All Wetted Parts
- Restrainer Basket

Seal Material: Buna, EPDM, Viton, PTFE, Viton+PTFE

Standard Inlet/Outlet:
- BSP 2" Socket
- BSP 1 1/2" Socket

Surface Finish: Glass Bead Blasted (standard)

Filter Volume:
- 15.5 litres
- 27.0 litres
- 3.0 litres
- 4.5 litres

Housing Weight:
- 11kg (approx.)
- 16kg (approx.)
- 4kg (approx.)
- 5kg (approx.)

Installation Height:
- 98cm (approx.)
- 181cm (approx.)
- 59cm (approx.)
- 90cm (approx.)

Installation Space:
- 50cm x 50cm (approx.)
- 25cm x 25cm (approx.)

EF Vessel Engineering Drawing Sample

(1&2) For more detailed descriptions and information suited for different 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  EF 1 A 2 - 6 - 020- N - M

- **No of Bags**: 1
- **Material**: A – SS304  
  S – SS316
- **Filter Bag Size**:  1 - #1, 2- #2
- **Design Pressure**:  6 – for size 1 & 2  
  9 – for size 3 & 4
- **Connection**: 015 – 1 1/2” (for #3 & #4)  
  020 – 2” (for #1 & #2)
- **Connection Type**:  B – BSP coupling  
  N – FNPT Couping  
  J – JIS
- **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 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.

**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. We reply within 24hrs.
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We reply within 24hrs.

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