Eaton’s DUOLINE multi-bag filter housing systems are duplex units for continuous filtration processes where the system flow cannot be shut down for filter bag change-outs.

This multi-bag filter housing system consists of two single bag filter housings fitted together at the inlet and outlet by a butterfly valve or ball valve assembly. The dual housing system allows the filtration process to run continuously even during filter bag change-outs. Units come standard with filter bag size 02 stainless steel restrainer baskets.

**Features**
- Can be equipped with the most advanced TOPLINE™ single bag filter housing, the SIDELINE™ single bag filter housing for a greater range of applications or the economical FLOWLINE™ single bag filter housing for coarse particle filtration
- System arrangement assures continuous flow rates. One unit can be taken off-line in sequence for filter bag change-outs without having to take the other filter unit off-line
- Swing bolt cover for quick, easy filter bag change-outs. The TOPLINE single bag filter housing features a domed cover. FLOWLINE and SIDELINE single bag filter housings covers’ feature an integrated ergonomic handle
- TOPLINE and SIDELINE models feature extended five year warranties and are designed in accordance with Section VIII, Division 1 of the ASME Code
- Smooth, bead-blasted finish makes it easy to completely clean the interior

**Options**
- Housings and fittings available in stainless steel or carbon steel for high corrosion resistance
- Available without valves, with butterfly valves or with ball valve assemblies
- Buna-N® O-rings for the cover are standard. EPDM, Viton®, PTFE encapsulated Viton or silicone rubber seals and gaskets are available
- Linkage assembly available. A quick turn of the linkage handle diverts the flow from one single bag filter housing to the other, guaranteeing a synchronized changeover

Viton® is a registered trademark of E. I. du Pont de Nemours and company.
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
- Pharmaceuticals
- 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</th>
<th>Max. pressure</th>
<th>Max. temp.</th>
<th>Housing volume</th>
<th>Housing weight</th>
<th>I/O connections</th>
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<tbody>
<tr>
<td>F3AVTB0222 (TOPLINE)</td>
<td>2</td>
<td>2</td>
<td>176 (40)</td>
<td>150 (10)</td>
<td>250 (160)</td>
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1 Maximum theoretical flow based on water viscosity, filter bag specific.

For more information, please email us at filtration@eaton.com or visit www.eaton.com/filtration

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