Features

• High collapse 4500 psid (310 bard) filter element using SWIFTFELT™ 316 stainless steel medium
• Flows to 100 gpm (378 lpm)
• Port sizes: 1-1/2” NPT, 2” NPT
  (Other line sizes available, consult factory)

Notes and Specifications

Maximum working pressure:
6000 psi (413 bar)

Proof pressure:
7200 psi (496 bar)

Burst pressure:
Consult factory

Temperature rating:
-100°F (-73°C) to 500°F (260°C)

Materials of Construction:
Head and Body: 304 Stainless Steel standard (316, 17-4PH, Hastelloy® and others available)
Seal material: Fluorocarbon (Viton®)
(Teflon® and Kalrez® and other compounds also available)
Filter element collapse pressure: 4500 psid (310 bard)
Element construction: SWIFTMESH™ all 316 stainless steel (no resin binders) medium, 304 stainless steel end caps

Pressure Drop Information

Housing Pressure Drop
Fluid at 15cSt(77.5 SUS), 0.8572 S.G.
Housing pressure drop is directly proportional to specific gravity.

FJV-5N Series Housing

Element Pressure Drop
Fluid at 15cSt(77.5 SUS), 0.8572 S.G.
Correct for other fluids by multiplying new viscosity in cSt/5 (SUS/77.5) x new S.G./0.8572.

FJE-5N Series Element
Dimensional Drawings

Front View

Ordering Information for Standard High Pressure T-Type Filter Assemblies

<table>
<thead>
<tr>
<th>FJV</th>
<th>Series</th>
<th>Bypass</th>
<th>Port Size*</th>
<th>Gauge Port</th>
<th>Bowl Size</th>
<th>Seal</th>
<th>Options</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>5N</td>
<td>C01</td>
<td>N= NONE</td>
<td>1.5&quot; CODE 61 (FLANGE CONNECTION)</td>
<td>X=N= NONE</td>
<td>B= 500 PSID</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>C04</td>
<td>VG= VISUAL</td>
<td>1.5&quot; CODE 62 (FLANGE CONNECTION)</td>
<td>E= ELECTRICAL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>C05</td>
<td>EG= ELECTRICAL</td>
<td>2&quot; CODE 62 (FLANGE CONNECTION)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>D01</td>
<td>D= 1.5&quot; TUBE WELD SOCKET</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>D02</td>
<td>D= 1.5&quot; PIPE WELD SOCKET</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>D03</td>
<td>D= 2&quot; PIPE WELD SOCKET</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>E01</td>
<td>E= 1.5&quot; SEAL SUB</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Example: FJV-5N-X-C01-N-E-V

This would be the part number for a standard Series 5N T-type Filter Assembly with a 304 stainless steel housing with no bypass, a 1.5" Code 61 (Flange Connection) port, no gauge port, extended bowl and Viton® seal.

* Other port sizes and material available, consult factory.

Viton, Teflon and Kalrez are registered trademarks of E.I. du Pont de Nemours and Company or its affiliates.

Hastelloy is a registered trademark of Haynes International, Inc.

Ordering Information for High Pressure Filter Elements

<table>
<thead>
<tr>
<th>FJE</th>
<th>Series</th>
<th>Micron</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>OMIT= STANDARD LENGTH</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>E= EXTENDED LENGTH</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Example: FJE-5-10E

This would be the part number for a Metal Felt Filter Element made with 316L stainless steel filament with 10 micron media to fit a Series 5 T-type Housing with an extended length bowl.

Example: FJE-5-10E

This would be the part number for a Metal Felt Filter Element made with 316L stainless steel filament with 10 micron media to fit a Series 5 T-type Housing with an extended length bowl.

Example: FJE-5-10E

This would be the part number for a Metal Felt Filter Element made with 316L stainless steel filament with 10 micron media to fit a Series 5 T-type Housing with an extended length bowl.

Example: FJE-5-10E

This would be the part number for a Metal Felt Filter Element made with 316L stainless steel filament with 10 micron media to fit a Series 5 T-type Housing with an extended length bowl.