Features

- High collapse 4500 psid (310 bar) filter element using SWIFTFELT™ 316 stainless steel medium
- Flows to 45 gpm (170 lpm)
- Port sizes: 3/4" NPT, 1" NPT
  (Other line sizes available, consult factory)

Notes and Specifications

Maximum working pressure:
8000 psi (551 bar)

Proof pressure:
9600 psi (661 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-8 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-8 Series Element
**Dimensional Drawings**

*Front View*

- **Outlet**: 3.240"
- **Inlet**: 3.125"
- **Face to Face Dimension**: 3.000"
- **Height**: 19.000"
- **Swampbach**: 2.360"

*Top View*

- **Outlet**: 2.50-18 NPT
- **Gauge Port**: 3/4" NPT
- **Face to Face Dimension**: 3.000"

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**Ordering Information** for Standard High Pressure T-Type Filter Assemblies

<table>
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<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>
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<td>A04 = 1&quot; NPT</td>
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- **N**: NONE
- **V**: VITON®
- **T**: TEFLOW®
- **K**: KALREZ®
- **X**: NONE
- **B**: 500 PSID
- **S**: STANDARD
- **OMIT**: NO OPTIONS
- **MH**: MOUNTING HOLES

**Ordering Information** for High Pressure Filter Elements

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<th>Series</th>
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<th>Length</th>
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**Example:**

**FJV-8-X-A03-N-S-V**

This would be the part number for a standard Series 8 T-type Filter Assembly with a 304 stainless steel housing with no bypass, a 3/4" NPT port, no gauge port, standard bowl and Viton® seal.

*Other port sizes and material available, consult factory.*

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Hastelloy is a registered trademark of Haynes International, Inc.

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**Example:**

**FJE-8-10**

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 8 T-type Housing with a standard length bowl.