

## FJV-4 Series High Pressure T-Type Filter Assemblies

### Features

- High collapse 4500 psid (310 bard) filter element using SWIFFFELT™ 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:**  
8,000 psi (551 bar)

**Proof pressure:**  
9,600 psi (661 bar)

**Burst pressure:**  
Consult factory

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

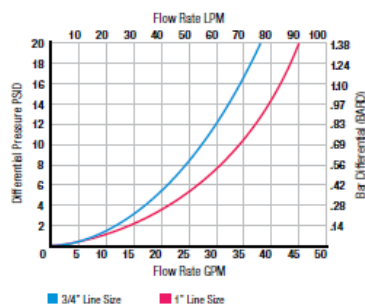


### Pressure Drop Information

**Housing Pressure Drop**  
Fluid at 15cSt(77.5 SUS), 0.8572 S.G.

Housing pressure drop is directly proportional to specify gravity.

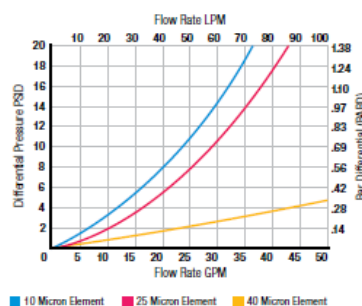
### FJV-4 Series Housing



**Element Pressure Drop**  
Fluid at 15cSt(77.5 SUS), 0.8572 S.G.

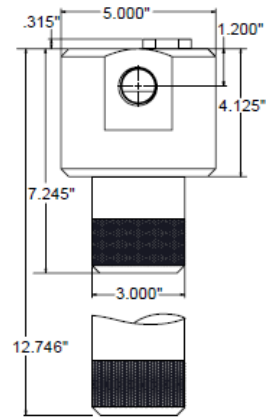
Correct for other fluids by multiplying new viscosity in cSt/5 (SUS/77.5) x new S.G./0.8572

### FJE-4 Series Element

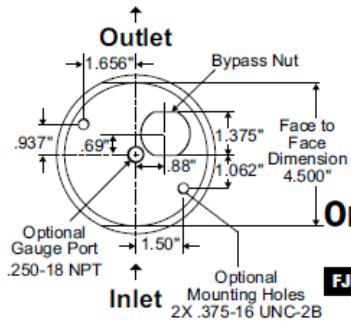


## Dimensional Drawings

Front View



Top View



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

FJV	Series	Bypass	Port Size*	Gauge Port	Bowl Size	Seal	Options	Material													
	4			<table border="1"> <tr><td>N=</td><td>NONE</td></tr> <tr><td>VG=</td><td>VISUAL</td></tr> <tr><td>EG=</td><td>ELECTRICAL</td></tr> </table>	N=	NONE	VG=	VISUAL	EG=	ELECTRICAL	<table border="1"> <tr><td>V=</td><td>VITON®</td></tr> <tr><td>T=</td><td>TEFLON®</td></tr> <tr><td>K=</td><td>KALREZ®</td></tr> </table>	V=	VITON®	T=	TEFLON®	K=	KALREZ®	<table border="1"> <tr><td>OMIT=</td><td>304SS</td></tr> </table>	OMIT=	304SS	
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### Example:

#### FJV-4-X-A03-N-E-V

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

## Ordering Information for High Pressure Filter Elements

FJE	Series	Micron	Length						
	4		<table border="1"> <tr><td>OMIT=</td><td>STANDARD LENGTH</td></tr> <tr><td>E=</td><td>EXTENDED LENGTH</td></tr> </table>	OMIT=	STANDARD LENGTH	E=	EXTENDED LENGTH		
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3									
5									
10									
20									
40									
60									

### Example:

#### FJE-4-10E

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 4 T-type Housing with an extended length bowl.