

## FJV-8 Series High Pressure T-Type Filter Assemblies

### Features

- High collapse 4500 psid (310 bard) 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:**  
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

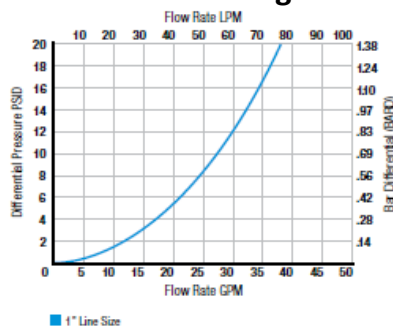


### Pressure Drop Information

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

Housing pressure drop is directly proportional to specify gravity.

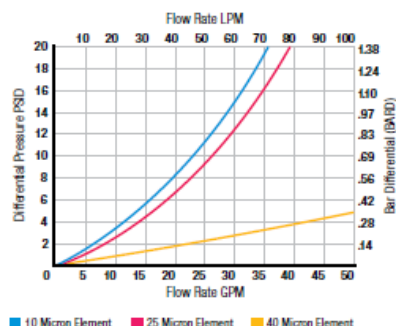
### FJV-8 Series Housing



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

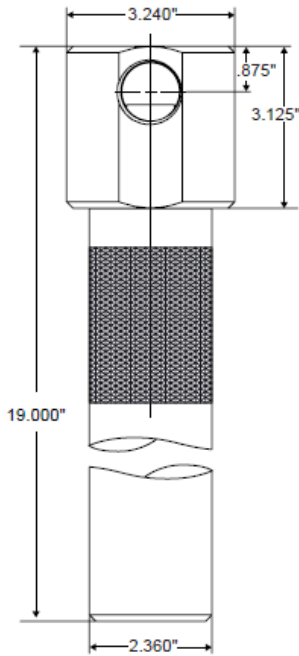
Correct for other fluids by multiplying new viscosity in cSt/5 (SUS/77.5) x new S.G./0.8572

### FJE-8 Series Element

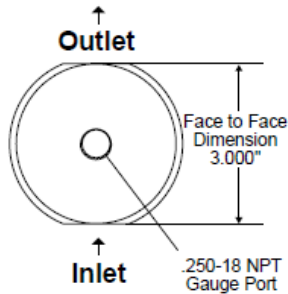


## Dimensional Drawings

Front View



Top View



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

FJV	Series	Bypass	Port Size*	Gauge Port	Bowl Size	Seal	Options	Material
	8							
			A03 = 3/4" NPT A04 = 1" NPT	N= NONE VG= VISUAL EG= ELECTRICAL		V= VITON® T= TEFLON® K= KALREZ®		OMIT= 304SS
		X= NONE B= 500 PSID			S= STANDARD		OMIT= NO OPTIONS MH= MOUNTING HOLES	

### 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.  
 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

FJE	Series	Micron	Length
	8		
		3 5 10 20 40 60	OMIT= STANDARD LENGTH

### 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.