



FJV-3N Series High Pressure T-Type Filter Assemblies

Features

- High collapse 4500 psid (310 bard) filter element using SWIFFELT™ 316 stainless steel medium
- Flows to 15 gpm (56 lpm)
- Port sizes: 1/2" SAE (J1926-1 STR THREAD)
(Other line sizes available, consult factory)

Notes and Specifications

Maximum working pressure:

5000 psi (344 bar)

Proof pressure:

6000 psi (413 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



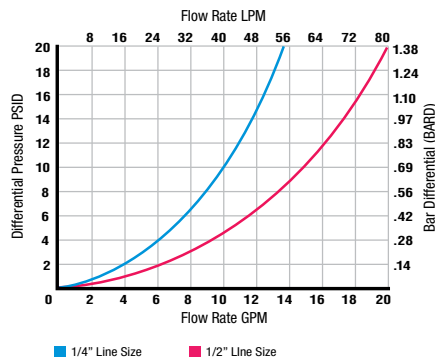
Pressure Drop Information

Housing Pressure Drop

Fluid at 15cSt(77.5 SUS), 0.8572 S.G.

Housing pressure drop is directly proportional to specific gravity.

FJV-3N Series Housing

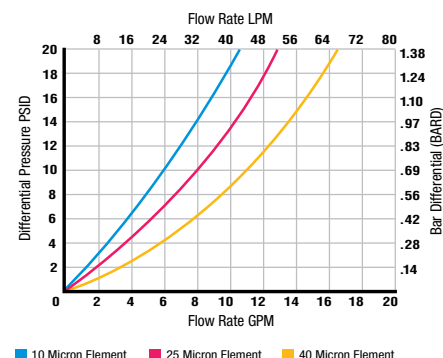


Element Pressure Drop

Fluid at 15cSt(77.5 SUS), 0.8572 S.G.

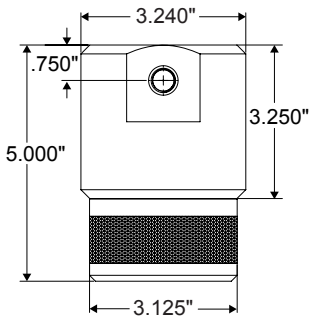
Correct for other fluids by multiplying new viscosity in cSt/5 (SUS/77.5) x new S.G./0.8572.

FJE-3N Series Element

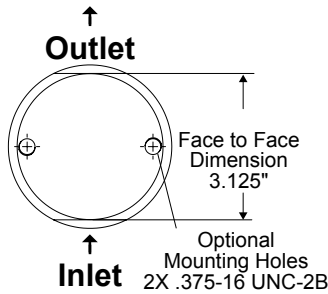


Dimensional Drawings

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												
3N			<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®		OMIT= 304SS
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X=	NONE																		
B=	500 PSID																		
OMIT=	NO OPTIONS																		
MH=	MOUNTING HOLES																		
		B02 = 1/2" SAE (J1926-1 STR THREAD)																	

Example:

FJV-3N-B-B02-N-S-V

This would be the part number for a standard Series 3N T-type Filter Assembly with a 304 stainless steel housing with a 500 PSID bypass, a 1/2" SAE 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.

Ordering Information for High Pressure Filter Elements

FJE	3												
Series	Micron	Length											
	<table border="1"> <tr><td>3</td></tr> <tr><td>5</td></tr> <tr><td>10</td></tr> <tr><td>20</td></tr> <tr><td>40</td></tr> <tr><td>60</td></tr> </table>	3	5	10	20	40	60	<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	
3													
5													
10													
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40													
60													
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E=	EXTENDED LENGTH												
		Note: All extended length bowls/sumps require an extended length filter element.											

Example:

FJE-3-10

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 3 T-type Housing with a standard length bowl.



Made in USA

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