

Product Features

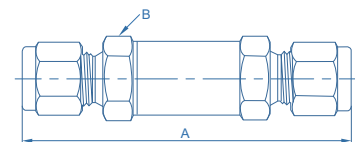
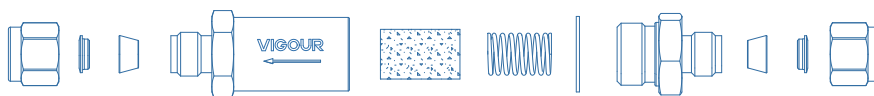
- The VF Series is an In-Line filtration device
- Filter material: 316L
- Pressure: Max. 206bar
- Filter Rating: 5µm standard, more option see below table.

Flow Rate

Element Nominal Pore Size µm	Inlet Pressure ① psig (bar)		
	5 (0.34)	10 (0.68)	15 (1.0)
	Air Flowstd, std ft ³ /min (std L/min) for 1/8" end connections		
0.2	0.01 (0.3)	0.02 (0.6)	0.05 (1.4)
2	0.20 (5.6)	0.40 (11)	0.60 (17)
5	0.40 (11)	0.60 (17)	0.9 (25)
10	0.50 (14)	0.9 (25)	1 (28)
20	1 (28)	1.7 (47)	2 (56)



In-line Type



Dimensions (mm)

End Connections		Ordering Number	Dimensions in. (mm)		
Inlet / Outlet	Size		Aperture Size	A	B
Tube Fitting	1/8 in.	VF-S-02-02	0.094 (2.39)	2.33 (59.2)	3/4 (19.0)
	1/4 in.	VF-S-04-04	0.187 (4.75)	2.42 (61.56)	3/4 (19.0)
	3/8 in.	VF-S-06-06	0.281 (7.14)	3.18 (80.8)	3/4 (19.0)
	1/2 in.	VF-S-08-08	0.406 (10.3)	3.37 (85.6)	4/5 (22)
	3mm	VF-S-3M-3M	0.094 (2.39)	2.87 (72.9)	3/4 (19.0)
	6mm	VF-S-6M-6M	0.187 (4.75)	3.01 (76.7)	3/4 (19.0)
Female NPT	1/8 in.	VF-S-F2-F2	0.094 (2.39)	2.16 (54.9)	9/16 (14.3)
	1/4 in.	VF-S-F4-F4	0.187 (4.75)	2.63 (67)	3/4 (19.0)
Male NPT	1/4 in.	VF-S-M4-M4	0.187 (4.75)	2.63 (67)	3/4 (19.0)
Face Seal Female	1/4 in.	VF-S-MV4-MV4	0.187 (4.75)	2.87 (73)	3/4 (19.0)
	1/2 in.	VF-S-MV8-MV8	0.406 (10.3)	3.49 (88.6)	1 (25.4)

Ordering Information

VF - S - 04 - 04 - 2

Nominal Pore Size

0.2: 0.2 µm
2: 2 µm
5: 5 µm
10: 10 µm
20: 20 µm

Material

S: 316L

C: Chrome Plated Brass

Inlets / Outlets

02: 1/8" Tube fitting	3M: 3mm Tube fitting	F2: 1/8" Female NPT	M4: 1/4" Male NPT
04: 1/4" Tube fitting	6M: 6mm Tube fitting	F4: 1/4" Female NPT	M8: 1/2" Male NPT
06: 3/8" Tube fitting	8M: 8mm Tube fitting	F6: 3/8" Female NPT	MV4: 1/4" Face seal female
08: 1/2" Tube fitting	10M: 10mm Tube fitting	F8: 1/2" Female NPT	MV8: 1/2" Face seal female
12: 3/4" Tube fitting	12M: 12mm Tube fitting	F12: 3/4" Female NPT	
16: 1" Tube fitting	20M: 20mm Tube fitting	F16: 1" Female NPT	

Filters

VF Series

Product Features

- Pressure: Max. 413bar
- Filter material: 316L
- Filter Rating: 5µm standard, more option see below table.

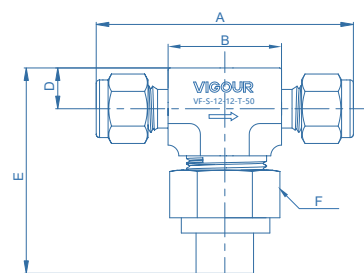
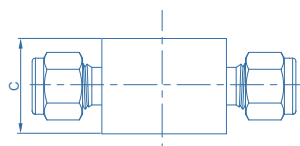
Flow Rate

Element Nominal Pore Size µm	Inlet Pressure ① psig (bar)		
	5 (0.34)	10 (0.68)	15 (1.0)
	Air Flow std, std ft ³ /min (std L/min) for 1/8" end connections		
2	0.20 (5.6)	0.40 (11)	0.60 (17)
5	0.40 (11)	0.60 (17)	0.9 (25)
50	1.4 (40)	1.8 (51)	2 (57)
80	1.6 (45)	2.0 (57)	2.3 (65)

① Outlet is discharged to atmosphere



Tee Type



Dimensions (mm)

End Connections		Ordering Number	Dimensions, in.(mm)						
Inlet/Outlet	Size		bore diameter	A	B	C	D	E	F
Tube fitting	1/8 in.	VF-S-02-02-T	0.094 (2.39)	2.25 (57.4)	1.06 (26.9)	1.10 (28)	0.38 (9.7)	1.77 (45)	1 (25.4)
	1/4 in.	VF-S-04-04-T	0.174 (4.41)	2.45 (62.4)	1.06 (26.9)				
	3/8 in.	VF-S-06-06-T	0.213 (5.41)	2.84 (72.1)	1.32 (33.5)	1.20 (30.6)	0.46 (11.7)	1.77 (45)	1-1/8 (28)
	1/2 in.	VF-S-08-08-T	0.250 (6.35)	3.04 (77.2)	1.31 (33.3)	1.13 (28.7)	0.47 (12)	2.22 (56.5)	
	6mm	VF-S-6M-6M-T	0.172 (4.36)	2.46 (62.5)	1.06 (26.9)	1.10 (28)	0.38 (9.7)	1.87 (47.5)	1 (25.4)
	8mm	VF-S-8M-8M-T	0.213 (5.41)	2.84 (72.1)	1.38 (35.1)	1.13 (28.7)	0.46 (11.7)	2.20 (55.9)	1-1/8 (28)
	10mm	VF-S-10M-10M-T	0.250 (6.35)	2.86 (72.6)	1.32 (33.5)				
	12mm	VF-S-12M-12M-T		3.04 (77.2)	1.31 (33.3)				
Male NPT	1/8 in.	VF-S-F2-F2-T	0.174 (4.41)	2.00 (50.8)	1.00 (25.4)	1.00 (25.4)	0.38 (9.7)	1.87 (47.5)	1 (25.4)
	1/4 in.	VF-S-F4-F4-T		2.13 (54.1)					
Female NPT	1/4 in.	VF-S-M4-M4-T	0.174 (4.41)	2.13 (54.1)	1.00 (25.4)	1.00 (25.4)	0.38 (9.7)	1.87 (47.5)	1 (25.4)
	3/8 in.	VF-S-M6-M6-T	0.250 (6.35)	2.38 (60.5)	1.25 (31.8)	1.13 (28.7)	0.46 (11.7)	2.20 (55.9)	1-1/8 (28)
	1/2 in.	VF-S-M8-M8-T		2.75 (69.9)					

Ordering Information

VF - S - 04 - 04 - T - 2

Material

S: 316L

C: Chrome Plated Brass

Inlets / Outlets

Tube fitting: see above tables

NPT threads: see above tables

Nominal Pore Size

2: 2 µm

5: 5 µm

50: 50 µm

80: 80 µm

Type

T: Tee type