

SF Series

Fast Loop (Bypass) Filter Housing

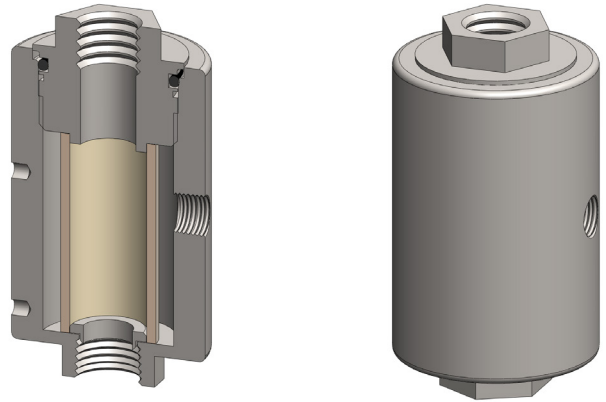
Materials	316L Stainless Steel
Pressure	1500 or 5000 psi
Ports	1/4" to 1"
Element	12.32.□ to 51.230.□

The SF series housings are designed for fast loop and bypass applications. The internal volume is kept to a minimum for a fast response time. The straight-through flow design flushes the filter elements to increase the service life.

Standard housings have NPT ports and a Viton seal. Other seal types are available as an option. BSPT and BSPP port types are also available.

The housings are free from welds and comply with NACE MR-01-75 and are CE marked in accordance with PED 2014/68/EU where required.

These housings can also be supplied in a wide range of exotic materials, such as Hastelloy, Monel, Titanium etc.



Technical Specifications

Housing Model	SF117.221	SF127.221	SF215.421	SF235.421	SF235.521	SF425.521	SF425.621
Port Size	1/4" NPT	1/4" NPT	1/2" NPT	1/2" NPT	3/4" NPT	3/4" NPT	1" NPT
Sample Outlet	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT
psi (1)	5000	5000	1500	1500	1500	1500	1500
Maximum Temperature, °F (2)	390	390	390	390	390	390	390
Materials of Construction (3)							
Head, Bowl & Internals	316L SS	316L SS	316L SS	316L SS	316L SS	316L SS	316L SS
Seal (4)	Viton	Viton	Viton	Viton	Viton	Viton	Viton
Filter Element Code (5)	12.32.□	12.57.□	25.64.□	25.178.□	25.178.□	51.230.□	51.230.□
Principle Dimensions in inches							
Diameter	1.95	1.95	2.50	2.50	2.50	3.95	3.95
Height	2.80	3.80	4.55	9.15	9.15	13.05	13.05
Volume, cc	15	26	95	95	95	840	840
Weight, lbs	1.75	2.20	3.50	3.50	3.50	22.00	22.00
Accessories							
Mounting Bracket	MB.SF117	MB.SF117	MB.SF215	MB.SF215	MB.SF215	MB.SF425	MB.SF425

Notes

- (1) Above 390°F the pressure rating is reduced, consult us for the exact rating at any specific temperature
- (2) Maximum temperature 390°F using standard seal. For temperature up to 615°F use a Chemraz seal
- (3) Material abbreviations, 316L SS = 316L Stainless Steel
- (4) Add suffix for other seal types, PTFE = .T, Chemraz = .C, Nitrile = .N, Kalrez = .K, EPDM = .E, Silicone = .S, (e.g. SF215.421.T)
- (5) Replace the □ with the grade required, e.g. 12.32.5K, 12.32.S20V



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