

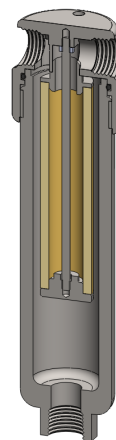
Materials 316L Stainless Steel
Pressure 5000 psi
Ports 1/8" & 1/4"
Vent Option 1/8"
Element 12.76.□

SS147 series filter housings are specified for pilot/operated pressure regulator applications. Fitted with a high efficiency coalescing filter element, the SS147 will remove solid particles and liquid aerosols, giving complete protection to the pilot control valve.

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.

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



Technical Specifications

Housing Model (1)	SS147.111	SS147.111.LB	SS147.221	SS147.221.LB
Port Size	1/8" NPT	1/8" NPT	1/4" NPT	1/4" NPT
Drain	None	1/8" NPT	None	1/4" NPT
Maximum Pressure, psi (1)	5000	5000	5000	5000
Maximum Temperature, °F (2)	390	390	390	390
Materials of Construction (3)				
Head, Bowl & Internals	316L SS	316L SS	316L SS	316L SS
Seal (4)	Viton	Viton	Viton	Viton
Filter Element Code (5)	12.76.□	12.76.□	12.76.□	12.76.□
Principle Dimensions in inches				
Diameter	1.40	1.40	1.40	1.40
Height	6.00	7.55	6.00	7.55
Volume, cc	70	95	70	95
Weight, lbs	1.50	1.85	1.50	1.85
Accessories				
Support Core	SC.SS12	SC.SS12	SC.SS12	SC.SS12
Mounting Bracket	MB.SS11	MB.SS11	MB.SS11	MB.SS11

Notes

- (1) Housings available with a vent option in the top of the head. Add suffix .V11 (e.g SS147.221.V11)
- (2) Above 200°C the pressure rating is reduced, consult us for the exact rating at any specific temperature
- (3) Maximum temperature 200°C using standard seal. For temperatures up to 324°C use a Chemraz seal
- (4) Material abbreviations, 316L SS = 316L Stainless Steel
- (5) Add suffix for other seal types, PTFE = .T, Chemraz = .C, Nitrile = N, Kalrez = .K, EPDM = .E, Silicone = .S, (e.g. SS147.221.T)
- (6) Replace the □ with the grade required, e.g. 12.76.7CS, 12.76.S20V, 12.76.T20



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