

SG111 & SS112 Filter Housing

Materials	316L SS & Pyrex Glass
Pressure	100 & 150 psi
Ports	1/8" or 1/4"
Element	12.32.□

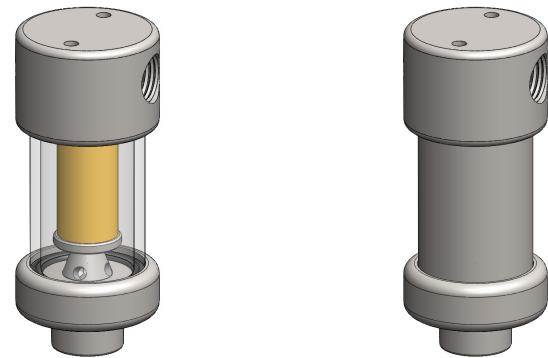
SG111 and SS112 series filter housings are specified for 1/8" & 1/4" line size applications at low pressure. For applications over 150 psi the SS117 housings are available.

The housings are constructed from 316L stainless steel with a stainless steel or Pyrex glass bowl. The Pyrex bowl is also fitted with a bowl guard, this is not shown.

Standard housings have NPT ports and include Viton seals. 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 conform to SEP of PED 97/23/EC.

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



Bowl guard not shown

Technical Specifications

Housing Model	SG111.111	SG111.211	SG111.221	SS112.111	SS112.211	SS112.221
Port Size	1/8" NPT	1/4" NPT	1/4" NPT	1/8" NPT	1/4" NPT	1/4" NPT
Drain	1/8" NPT	1/8" NPT	1/4" NPT	1/8" NPT	1/8" NPT	1/4" NPT
Maximum Pressure, psi (1)	100	100	100	150	150	150
Maximum Temperature, °F (2)	210	210	210	210	390	390
Materials of Construction (3)						
Head & Internals	316L SS	316L SS	316L SS	316L SS	316L SS	316L SS
Bowl	Pyrex	Pyrex	Pyrex	316L SS	316L SS	316L SS
Seals (4)	Viton	Viton	Viton	Viton	Viton	Viton
Filter Element Code (5)	12.32.□	12.32.□	12.32.□	12.32.□	12.32.□	12.32.□
Adsorber Cartridge Code (6)	12.32.AD□	12.32.AD□	12.32.AD□	12.32.AD□	12.32.AD□	12.32.AD□
Principle Dimensions in inches						
Diameter	1.55	1.55	1.55	1.55	1.55	1.55
Height	3.65	3.65	3.65	3.65	3.65	3.65
Volume, cc	25	25	25	25	25	25
Weight, lbs	0.90	0.90	0.90	0.90	0.90	0.90
Accessories						
Support Core	SCSS11	SCSS11	SCSS11	SCSS11	SCSS11	SCSS11
Mounting Bracket	MBSS11	MBSS11	MBSS11	MBSS11	MBSS11	MBSS11

Notes

- (1) Above 390°F the pressure rating is reduced, consult us for the exact rating at any specific temperature (not SG types)
- (2) Maximum temperature is with standard seals. For temperatures up to 615°F use Chemraz seals
- (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. SG111.221.T)
- (5) Replace the □ with the grade required, e.g. 12.32.5CK, 12.32.S20V, 12.32.T20
- (6) Replace the □ with the type required, e.g. 12.32.AD01