

SS438 & SHS438

Filter Housing

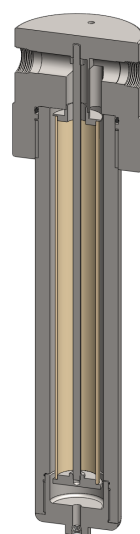
Materials 316L Stainless Steel
Pressure 6000 psi
Ports 1" to 2"
Element 51.476.□

SS438 series filter housings are specified for 1" line size applications up to 6000 psi. The SHS438 series are for 1½" and 2" applications and are designed to have a full bore flow path to give higher flow rates. For applications less than 3000 psi see the SS435 and SS436 series filter housings.

Standard housings have NPT ports and 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 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	SS438.621	SS438.641	SHS438.721	SHS438.741	SHS438.821	SHS438.841
Port Size	1" NPT	1" NPT	1½" NPT	1½" NPT	2" NPT	2" NPT
Drain	1/4" NPT	1/2" NPT	1/4" NPT	1/2" NPT	1/4" NPT	1/2" NPT
Maximum Pressure, psi (1)	6000	6000	6000	6000	6000	6000
Maximum Temperature, °F (2)	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
Seal (4)	Viton	Viton	Viton	Viton	Viton	Viton
Filter Element Code (5)	51.476.□	51.476.□	51.476.□	51.476.□	51.476.□	51.476.□
Adsorber Cartridge Code (6)	51.476.AD□	51.476.AD□	51.476.AD□	51.476.AD□	51.476.AD□	51.476.AD□
Principle Dimensions in inches						
Diameter	6.45	6.45	7.85	7.85	7.85	7.85
Height	25.80	25.80	28.90	28.90	29.30	29.30
Volume, cc	2550	2550	2600	2600	2600	2600
Weight, lbs	107.80	107.80	189.20	189.20	195.80	195.80
Accessories						
Support Core	SC.SS43	SC.SS43	SC.SS43	SC.SS43	SC.SS43	SC.SS43
Mounting Bracket	MB.SS42	MB.SS42	MBSHS428	MBSHS428	MBSHS428	MBSHS428

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 temperatures up to 615°F use a Chemraz seal
- (3) Material abbreviations, 316L SS = 316L Stainless Steel
- (4) Add suffix for other seal types, Chemraz = .C, Nitrile = N, Kalrez = .K, EPDM = .E, Silicone = .S, (e.g. SS438.621.N)
- (5) Replace the □ with the grade required, e.g. 51.476.SCK, 51.476.S20V, 51.476.T20
- (6) Replace the □ with the type required, e.g. 51.476.AD01



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