

SS438 & SHS438

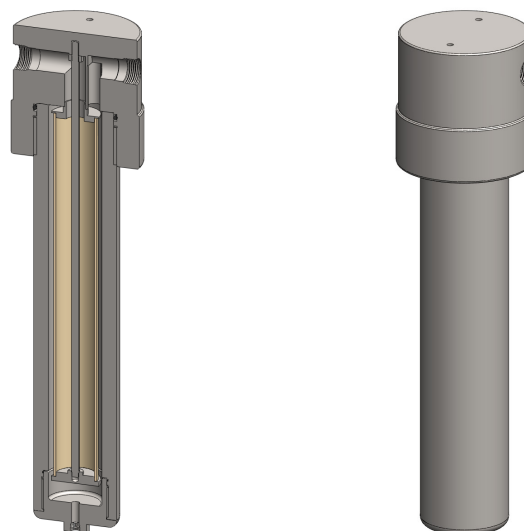
Filter Housing

Materials	316L Stainless Steel
Pressure	400 Bar
Ports	1" to 2"
Element	51.476.□

SS438 series filter housings are specified for 1" line size applications up to 400 bar. 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 200 bar 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, see note (7).



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, Bar (1)	400	400	400	400	400	400
Maximum Temperature, °C (2)	200	200	200	200	200	200
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□
Principal Dimensions in mm						
Diameter	164	164	200	200	200	200
Height	638	638	734	734	744	744
Volume, cc	2080	2080	3225	3225	3225	3225
Weight, kg	49	49	86	86	89	89
Accessories						
Support Core	SC.SS43	SC.SS43	SC.SS43	SC.SS43	SC.SS43	SC.SS43
Mounting Bracket	MB.SS42	MB.SS42	MB.SHS428	MB.SHS428	MB.SHS428	MB.SHS428

Notes

- (1) Above 200°C the pressure rating is reduced, consult us for the exact rating at any specific temperature
- (2) Maximum temperature 200°C using standard seal. For temperatures up to 324°C 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
- (7) The SHS438 versions are only suitable for use with Group 2 Liquids and Group 2 Gases



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