

STW505

Cyclone Disc Filter Housing

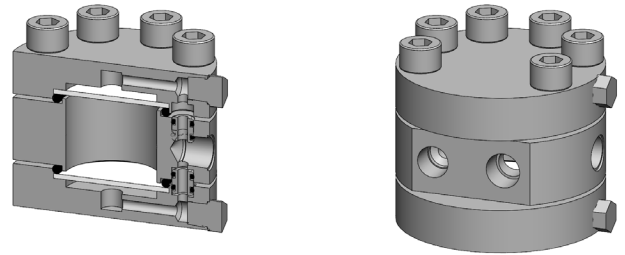
Materials	316L Stainless Steel
Pressure	1500 psi
Ports	1/8", 1/4" or 1/2"
Filter Disc	2x FD.47.□

The STW505 series uses two stainless steel filter discs in one housing. A 'cyclone' effect is created as the sample enters the housing and proportion of it passes through the filters to the sample outlet port and the rest of the sample passes to the bypass port.

The housing design allows the filter discs to be changed without disconnection of the port fittings.

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.



Technical Specifications

Housing Model	STW505.111	STW505.221	STW505.421
Port Size	1/8" NPT	1/4" NPT	1/2" NPT
Drain & Bypass Port	1/8" NPT	1/4" NPT	1/4" NPT
Maximum Pressure, psi (1)	1500	1500	1500
Maximum Temperature, °F (2)	390	390	390
Materials of Construction (3)			
Head, Bowl & Internals	316L SS	316L SS	316L SS
Seals (4)	Viton	Viton	Viton
Filter Disc (5)	2x FD.47.□	2x FD.47.□	2x FD.47.□
Principal Dimensions in inches			
Diameter	3.15	3.15	3.46
Height	2.45	2.45	2.45
Volume, cc	40	40	40
Weight, lbs	4.2	4.2	5.1
Accessories			
Mounting Bracket	MB.STW505	MB.STW505	MB.STW505

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
- (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. STW505.221.E)
- (5) Replace the □ with the filter disc grade required, e.g. FD.47.S20V



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