

Sanitary SS Filter Housing Multi-Round



The Sanitary Stainless Steel filter housings are constructed of electropolished 316L stainless steel for excellent resistance to corrosive chemicals and product purity. These housings are typically used in the Pharmaceutical industry and food & beverage industries.

The housing is compatible with 10" to 40" filters elements to meet the needs of your application. The housing can support 222, 226 and DOE style filters. Housings from 3 to 12 rounds are available to fit your flow rate. T-line configurations allow flexibility in piping options.

The design of the housing provides for a positive seal with the filters, thereby preventing fluid bypass. The closure is a fixed swing bolts with hold down to ensure maximum strength and ease of operation. The housing has a removable filter connection separator plate that allows for total disassembly for cleaning.

Customization of the housing is available.



Materials of Construction

- Head: 316L Stainless Steel
- Bowl: 316L Stainless Steel
- Clamp: 304 Stainless Steel
- Center Post with Seal plate: 316L Stainless Steel
- Vent/Drain Plug: 316L Stainless Steel
- O-Rings: Silicone, Viton or EPDM

Dimensions (nominal)

Lengths (in): 10, 20, 30 and 40

Connections

- Inlet/ Outlet : Tri Clamp, Flange
- Vent / Drain : Tri Clamp, Valve option

Finish

- Interior: Electropolished <20Ra (0.4um)
- Exterior: Electropolished <32Ra (0.8um)

Operating Conditions

- Max operating pressure: 100 psi (6.8Bar) at 200°F (93°C)

Applications	
Water	Fine Chemicals
Reagents	Wine
Food & Beverage	Pharmaceuticals
Liquid processing	Biologics

Sanitary Filter Housing Ordering Guide

Construction	Number of Filters	Configuration	Length	Cartridge Code	Inlet/Outlet Fitting Size	Inlet/Outlet Fitting Style	Vent	Drain	Gasket Material	Interior/Exterior Finish	Options
SSC = Sanitary Swing Bolt Closure with removable filter plate for cleaning	3 = 3 Filters	T = T-line	1=10"	7 = 2-226	1 = 1"	TC = Tri Clamp (150PSI) F = Flange 3 = 3"	* = None	* = None	E = EPDM V = Viton S = Silicone	EP = Electropolish	1V = 1/2" Tri clamp Valve (Qty 1) 2V = 1/2" Tri clamp Valve (Qty 2) 3V = 1/2" Tri clamp Valve (Qty 3)
	5 = 5 Filters		2=20"	8 = 2-222	2 = 2"		MT = 1/2" Tri Clamp	MT = Inlet and outlet 1/2" Tri Clamp			
	6 = 6 Filters		3=30"	F = DOE	3 = 3"		TC = 1 1/2" Tri Clamp	IMT = Inlet 1/2" Tri Clamp only			
	7 = 7 Filters		4=40"				TCV = 1 1/2" Tri Clamp with 1/2" Tri clamp side	OMT = Outlet 1/2" Tri Clamp only			
	12 = 12 Filters					4N = 1/2 MNPT	4N = 1/2 MNPT				

Example - 30"- 3 round for 226 filter, T-line, 2" Tri Clamp I/O, 1 1/2" Tri Clamp Vent with 1/2" Tri clamp on side, 1/2" Tri Clamp Drains, EPDM Gasket and Electropolished with 1 Tri Clamp Valve is SSC-3T-3-7-2TC-TCV-MT-E-EP-1V

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