Sanitary Stainless Steel Housing

ZenPure® sanitary stainless steel housings are designed for high-purity applications. All wetted surfaces are constructed of 316L stainless steel and are electropolished, there by providing excellent corrosion resistance. The housing comes in 5 inch to 30 inch sizes to meet the needs of your application.

The housing can support both Code 0 with 2-222 o-rings and Code F, double open-ended filters. The design of the housing provides for a positive seal with the filters, thereby preventing fluid bypass. The unique design for Code F filters allows for cost saving and ease of installation. The housing is sealed by the use of an easy to use tri-clamp that requires no special tools to open or close.

Materials of Construction

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

Dimensions (nominal)

Lengths: 5 in., 10 in., 20 in., 30 in.
Width: 5.51 in. (140mm)

Connections

Inlet/ Outlet : ½", 1", 1.5" sanitary fitting
Vent / Drain :½" sanitary, or welded valve

Finish

Electropolished

Operating Conditions

Max operating pressure: 145 psi (10Bar)

Applications	
Solvents	Ink Jets
Fine Chemicals	Electronics
Plating Solutions	Pharmaceuticals
Process Water	Biologics
Beverages	Dyes
Parts Cleaning	Lacquers

Features	Benefits
■ Wide Chemical & Thermal Compatibility	■ Provides excellent compatibility with a wide range of chemicals ■ The electropolished finish eliminates possible contamination that could potentially leach into the process chemical.
■ Mounting	■ T-line housing can be supported by tripod legs, rigid tubing, or wall-mounted bracket
■ Tri-Clamp	■ The housing allows for inspection of the filter before the housing is sealed. ■ Ease of filter change-out

ZenPure

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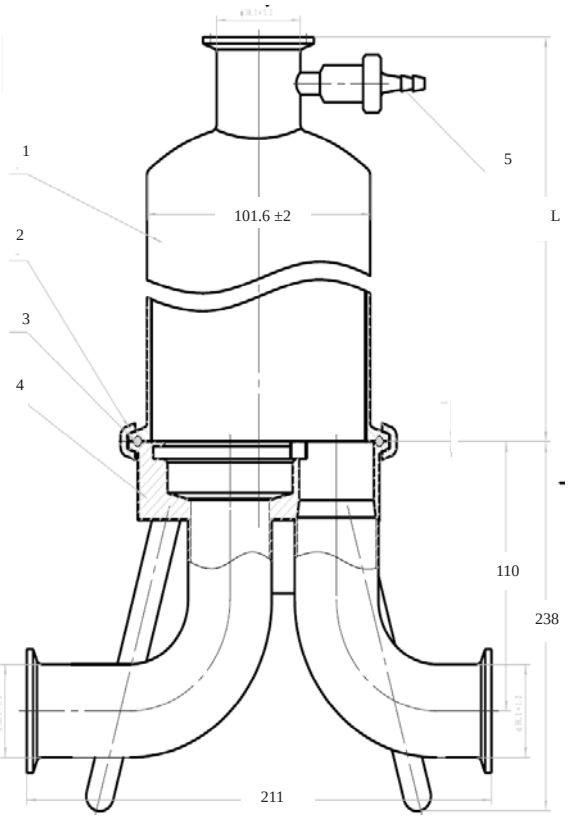

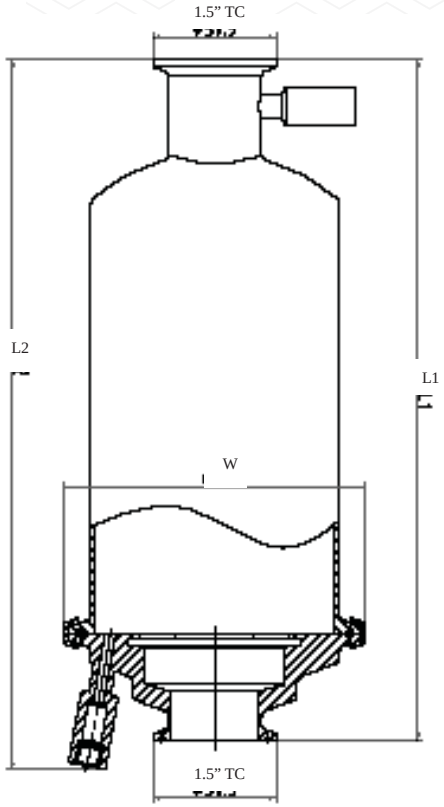

Item	Description	Material	Size
1	Bowl	316L SS	5,10,20,30"
2	Tri-Clamp	304 SS	4"
3	O-ring	EPDM/ Silicon/ Viton/ PTFE	4"
4	Base	316L SS	1/2", 1", 1.5"
5	Valve	316L SS	

Nominal Length	L (T-Line)	L1 (In-Line)	L2 (In-Line)	W (In-Line)
5"	182mm (7.16")	226mm (8.9")	238mm (9.37")	135mm (5.31")
10"	343mm (13.5")	387mm (15.24")	399mm (15.7")	135mm (5.31")
20"	597mm (23.5")	641mm (25.24")	653mm (25.7")	135mm (5.31")
30"	838mm (33.0")	895mm (35.24")	907mm (35.7")	135mm (5.31")

Sanitary Stainless Steel Housing Ordering Guide

Housing Construction	Material	Cartridge #	Cartridge Code	Length	Vent/ Drain	Body Style	Inlet/Outlet	Gasket Materials
SH = Sanitary Housings	P = 316L	01 = 1 Round	0 = 2-222 7 = 2-226	05 = 5" 10 = 10" 20 = 20" 30 = 30" 40 = 40"	A = ½" TC V = Welded valves N = No Vent or drain	T = T-Line I = In-Line L = L-Line	A = 1/2" TC B = 1" TC C = 1.5" TC	E = EPDM S = Silicone V = Viton F = PTFE
Example - 10" Sanitary T-line SS housing with Silicon gaslet for Code 0 filter with 1" TC connection - SHP01010ATBS								

Your Local Distributor:

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