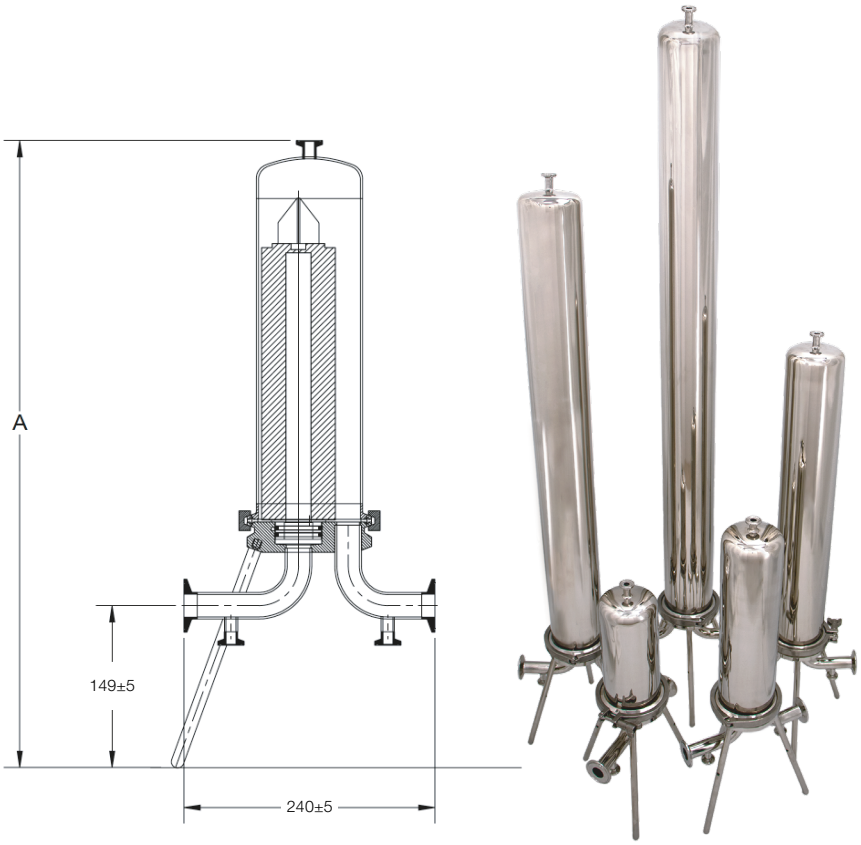
GSTL-Series Single Sanitary Cartridge Liquid Filter Vessels

GSTL-Series Single-Sanitary Cartridge Liquid Filter Vessels are suited for a wide variety of filtration applications where full sanitary vessels are required. V-band clamp closure provides easy access for change out. Available in 316 stainless steel, and rated for 9,5 bar service. The GSTL Series vessels comply with the European regulations PED 2014/68 / EU §4.3.



Technical Design

- Under ASME design code
- Maximum operating pressure : 9,5 bar
- Design temperature : 120°C
- Maximum operating temperature is linked to fluid used
- Fluid must be non hazardous liquid, other fluid on request
- Inlet/outlet connections : Standard with 1" TC ASME BPE inlet and outlet
- 1/2" TC ASME BPE vent
- Drain: 1/2" TC connection, ASME BPE
- Designed for 222 or 226 cartridge end cap configuration
- As standard : - Material SS316L
  - Silicone gasket

Features

- Sanitary V-band closure operates easily and seals tightly.
- Excellent cleanability with crevice-free welding and internal mirror electropolished (EP) finish, Ra <0.63µm.
- Wetted part of the filter is 316L. The other parts are in SS304.
- Suitable for steam-in-place (SIP) and clean-in-place (CIP) processes.
- Available in 5", 10", 20", 30" and 40" lengths.

Options

- Electropolished Finish
- Alternate seal materials
  - EPDM
  - FKM

Applications

- High-purity water systems
- Active Pharmaceutical Ingredients
- Fine chemicals
- Wine, beer & spirits
- Blood & serum
- Cell culture media & diagnostics

NOMINAL LENGTH	OAL "A"±5
5"	477 mm
10"	587 mm
20"	859 mm
30"	1094 mm
40"	1370 mm

Ordering Information

GSTL	Lenght	Inlet/Outlet Size	End Configurtion	Material	Pressure Rating	Surface Finish
	05 = 5"	1T = 1" clamp ASME BPE	2 = 222/Fin or 222/Flat 6 = 226/Fin or 226/Flat	6 = 316L SS	15 = 9,5 bar	EP = Electropolished
	1 = 10"					
	2 = 20"					
	3 = 30"					
	4 = 40"					

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.

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