

H-VCF VENT FILTER HOUSINGS

FOR A VARIETY OF INDUSTRIAL AND SANITARY APPLICATIONS

H-VCF Filter Housings are designed for use in food & beverage, pharmaceutical, and other applications to sterilize the air before it flows into a tank, while maintaining pressure balance inside and outside the housing. Sanitary grade finished polishing of Ra < 0.38 μm (15 $\mu\text{in.}$) make these housings suitable for a variety of sanitary industrial and chemical applications.

FEATURE	BENEFIT
Internal flow design	Prevents particles from flowing into housing, thus protecting filter housing from damage and maintaining clean flow rates through filter
Tri-clamp connection	Design allows for safe, easy sealing of bowl to housing head
Quality surface finishing	With an internal bowl Ra of 0.38 μm (15 $\mu\text{in.}$) the sanitary surface finish prevents entrapment or build-up of contaminants.

SPECIFICATIONS

Surface finish	Mirror Polish or mirror polish with an Extra Internal Electro-polish Internal Ra: 0.38 μm (15 $\mu\text{in.}$), External Ra: 0.4 μm (16 $\mu\text{in.}$)
Housing body	304 or 316L
Clamp	304
O-ring/gaskets	Silicone, FKM, EPDM
Design pressure	Ambient pressure
Max. operating temperature	130°C (266°F)
Connections	Body Connection: Tri-clamp Outlet: Tri-clamp

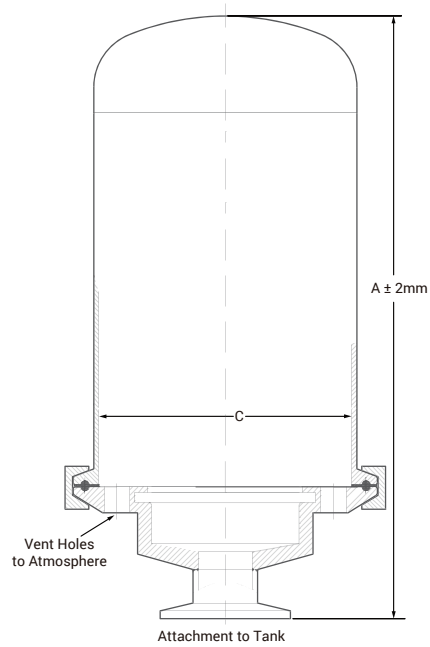


TYPICAL APPLICATIONS

- Pharmaceuticals
- Solvents
- Potable Liquids
- Industrial Liquids
- Coolants
- Process Water
- Tank Vents

DIMENSIONS

	1 round 5 inch	1 round 10 inch	1 round 20 inch
A Length (inlet to outlet)	232 mm (9.13")	262 mm (10.32")	622 mm (24.49")
C Inner Diameter	102 mm (4.02")	102 mm (4.02")	102 mm (4.02")



ORDERING INFORMATION

EXAMPLE: **H-VCF0110SSTT38VBOP** = 10", 316L, 226, 1.5" Tri-Clamp, with FKM seals, electro-polished, pharmaceutical application

H-VCF 01 T 0

- Number of Filters**
01 = 1 round
- Filter Length**
05 = 5"
10 = 10"
20 = 20"
30 = 30"
- Material**
F = 304
S = 316L
- End Cap**
S = 226
T = 222
- House/Base Connection**
T = Tri-Clamp
- Inlet/Outlet**
T25 = 1" Tri-clamp (DN25)
T38 = 1.5" Tri-clamp (DN38)
T50 = 2" Tri-clamp (DN50)
- Seal Material**
S = Silicone
E = EPDM
V = FKM
- Surface Finish**
A = Mirror Polish
B = Extra Internal Electro-polished
- Design Pressure**
0 = Ambient Pressure
- Application**
P = Pharmaceutical
F = Food and Beverage
C = Chemical



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