

3M Purification

3M™ High Flow

10" Sanitary Housing Filtration



Applications

Food & Beverage

- Process Water
- Export Loading
- Tanker Unloading
- Cellar Filtration

Pharmaceutical

- Process Water

Features & Benefits

Sanitary Design

- Ideally suited for Food and Beverage applications

Patent pending compound radial pleat design

- High dirt holding capacity for long life and lower cost filtration

Compact design

- Smaller housing minimises capital expense requirements
- Reduces system footprint. Up to 50% smaller than competitively sized housing

Absolute rating

- Reproducible effluent quality throughout the filter's life

Easy to use

- No special tools or hardware required for filter change-out – minimises downtime
- "Twist to lock" seating mechanism provides positive seal
- Ergonomically designed handle – facilitates easy cartridge installation and removal

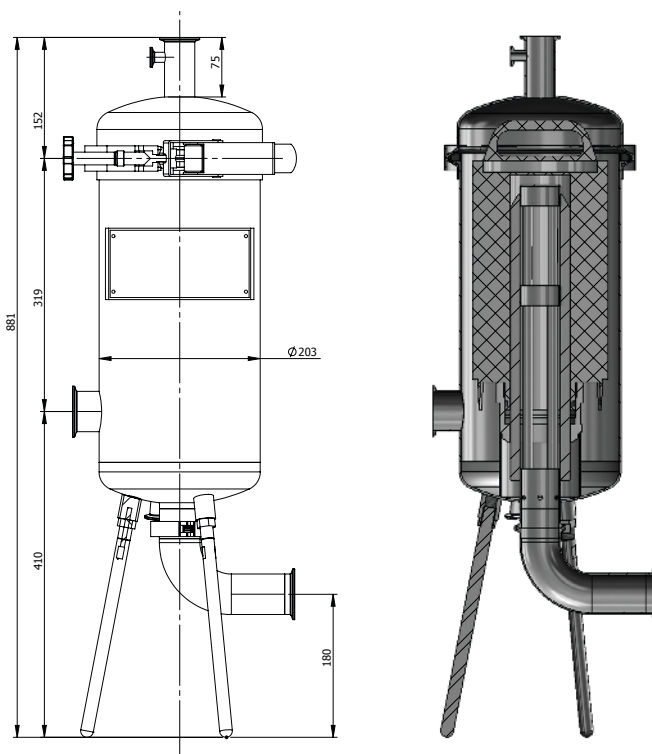
Compliance

- FDA compliant. Compatible in applications requiring direct food contact in Food and Beverage processing per 21 CFR.
- AS1210 code design



Specifications

Model		1HFS10VC (10") Sanitary Filter Housing
Design Pressure		1000 kPag
Design Temperature		90°C
Orientation		Vertical
Cover Type		V-Band Clamp
Connections		2" Triclover
Pressure Port		1.5" Triclover
Vent		1/2" Triclover
Drain		1/2" Triclover
Material Wetted Parts		SS316L
Materials Non Wetted Part		SS304
Gasket Material		Nitrile
Finish Internal		0.4um Electro Polish
Finish External		0.8um Electro Polish
Weights	Housing Empty	21kg
	Full of Water	36kg
	Dome	2kg
Volume		15Lts
Support Legs		3 (adjustable by 15mm)
Recommended Maximum Flow Rate		250lpm



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