

MULTI ROUND FILTER HOUSING

Advantages:

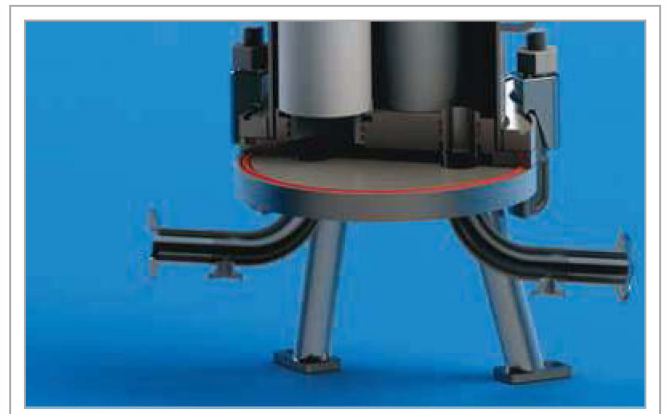
Multi Round sanitary housings are designed specifically for liquid filtration in the food and beverage industry.

- Enhanced cleanability and microbiological safety due to crevice-free, polished and hygienic design.
- Corrosion resistance and durability with 316L stainless steel wetted parts and high-quality welds.
- Cost-effective without sacrificing quality and performance.

Multi Round Housings are available in a standard sanitary design allowing a variety of connection options, or in a 3-A sanitary design.

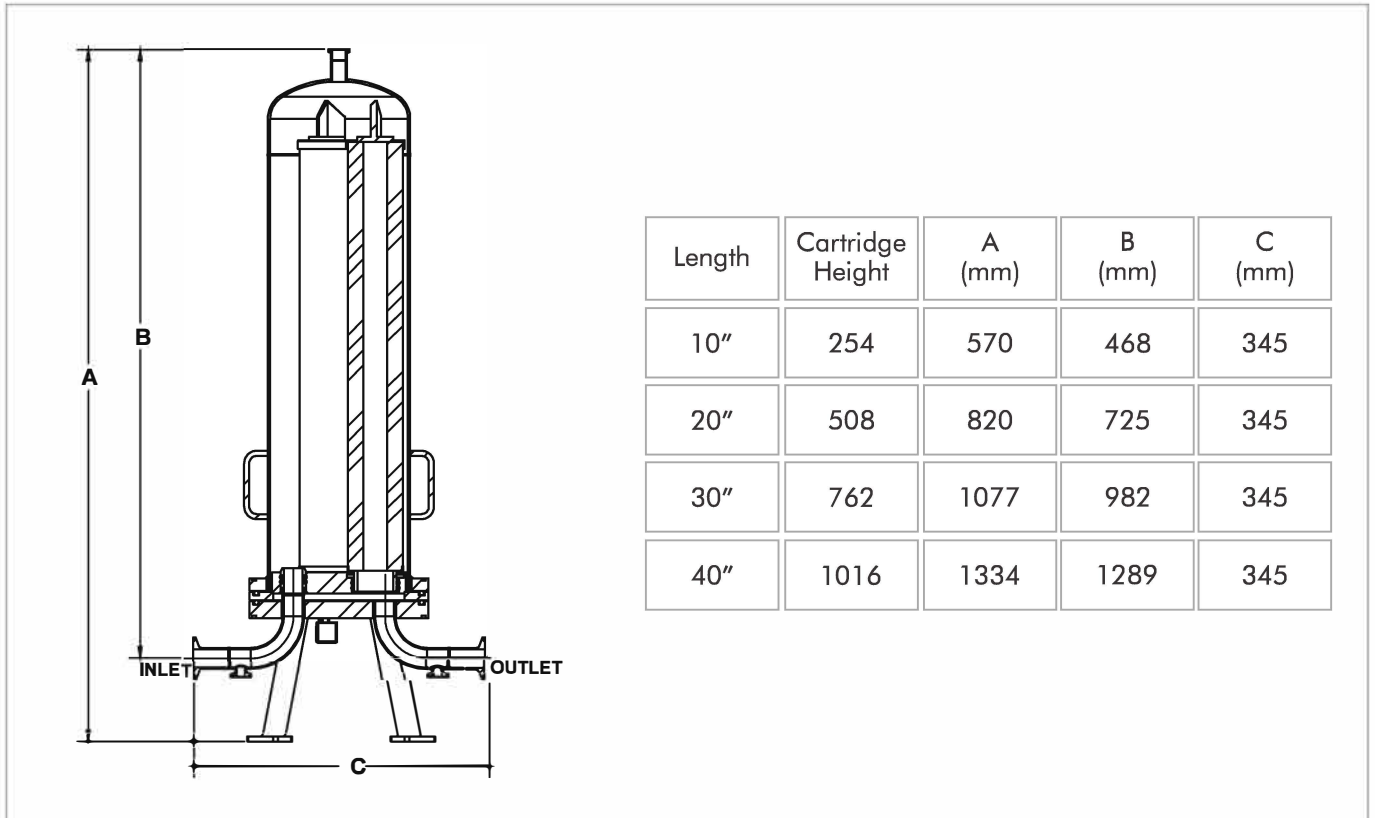
Features

- Inline multi-round housing.
- Suitable for flow rates up to 378 lpm depending upon cartridge type and size.
- Suitable for CIP and SIP.
- Removable tubesheet with double o - ring seal provides enhanced drainability and a crevice-free connection between the housing head and bowl.
- Polished head and elbows and mirror polished bowl ensures optimal cleanability in critical areas while maintaining cost-effectiveness.
- Standard bayonet locking design for Code-7 elements.
- Operator-friendly V-Clamp housing closure simplifies handling.



Code 7 Filter Housing, Lower Portion

Multi Round DOE Cartridge Housing



Specifications

Minimum / Maximum Operating Pressure	-1 to 10 bar
Minimum / Maximum Operating Temperature ^{3,5}	Fluorocarbon Elastomer and Silicone seals -10 to 150 °C (14 to 300 °F) EPR seals -10 to 121 °C (14 to 250 °F)
Steam Sterilization ^{3,5}	Fluorocarbon Elastomer and Silicone seals 3.7 bar / 150 °C max (53 psig / 300 °F) EPR seals 1 bar / 121 °C max (14.5 psig / 250 °F)
Materials of Construction	Wetted parts 316L stainless steel
Housing Seal Options ^{1,1}	Fluorocarbon Elastomer, Silicone, EPR
Surface Finish	≤ 0.8 micron Ra (≤ 32 Ra microinches)
Connections	DIN 11851 SMS Clamp Coupling Butt Weld
Filter Cartridge Compatibility ⁵	Code 2 or Code 7 single open-end
Design Specification	Design capability of 4 times maximum operating pressure. Each housing is hydrostatically tested to 1.6 times maximum