

Inox Single Cartridge Filter Housings

Premier, Standard and Economic

SPECTRUM Inox single round housings were specifically designed in a heavy duty construction to perform in the harshest of application environments with high temperatures, high pressures and challenging liquids. Offering solutions beyond plastic housings, these high grade 316L stainless steel housings come in brushed or electropolish finishes, suiting applications from nominal particulate removal to critical absolute filtration when selecting the appropriate end-capped cartridges.

Cartridge Compatibility

Designed to enhance the SPECTRUM range of cartridge performance whilst accommodating all industry standard cartridges.



Top Nut

To secure the head and allow easy access with 10mm clearance levels.



Bracket

Supplied with the Standard and Premier housings to easily secure to a wall.

Economic

Entry level housing for high temperature and high pressure applications.

Central Tie Rod

The rod and spring locates and secures cartridges in place.

Standard

Accepting radial or longitudinal cartridges, Standard housings also include a spring-loaded seal plate to accommodate 93/4" to 30" cartridge lengths.

Head & Sump

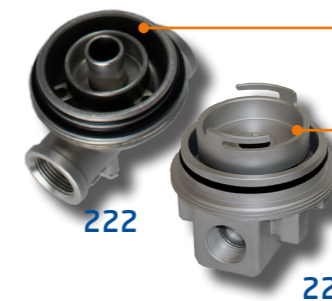
Configurations accepting DOE, AA and CG end-caps.

Premier

Housings have an electropolished finish making them suitable for sub-micron applications.

2 Head Options

Premier housings are offered in 222 or 226 double O-ring end-cap fittings to enable sub-micron filtration in more critical applications.



Inox Single Cartridge Filter Housing

Premier - 226

When an application requires an absolute seal, the Premier filter housing (PFH) is the go-to choice in this range of single-round housings. With an electropolished finish and 226 fittings with locking tabs for additional security, these housings are designed to perform under high pressure and temperatures whilst fulfilling the needs of sub-micron or critical applications.

Critical Sub-micron Filtration



FDA
Compliant Materials

PED
Compliant
Article 4, Paragraph 3
Group 2 Liquids

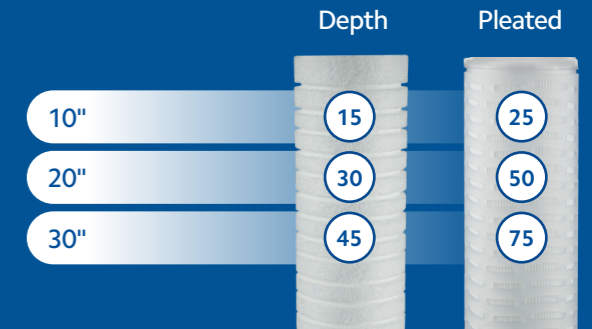
DWI
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SPECTRUM

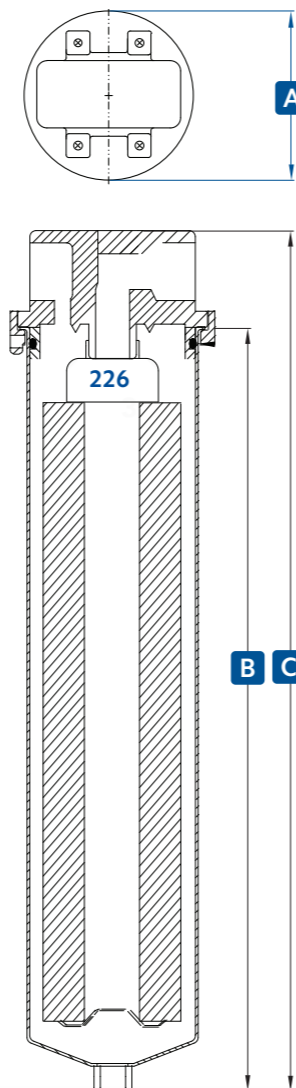
Key Features

- Double O-ring seal fittings allow for high purity cartridge filtration
- Electropolished housing finish provides a cleaner surface for bacteria growth prevention
- Comes with mounting bosses, bracket kit and locking ring closure tool to facilitate quick and simple installation

Flow Rate (lpm)



Technical Drawing



Dimensions (mm)			
Housing	A	B	C
PFH-S-1-10	105	413	435
PFH-S-1-20	105	667	689
PFH-S-1-30	105	921	943

Bracket

To securely hang on wall

Inlet/Outlet Ports

3/4" & 1" BSP port configurations.

Sealing

Buna-N O-ring supplied as standard. Other materials are available.

Locking Ring

A closure tool is provided with each housing to remove and tighten the locking ring.

Material

Manufactured from 316L grade stainless steel with an electropolished finish.

Serial Number

Unique serial number on each housing allows traceability and quality assurance.

1/4" Drain Port

Easy housing drainage during changeout.

Specification

Port Sizes (BSP")

3/4

1

Cartridge Compatibility (")

10

20

30

End-Cap Compatibility

226

FG/FH/ZH
Ended
eg. Pleat

Temperature (°C) Pressure Rating (bar)

97

21

Materials

Head - 316L Stainless Steel - Glass Bead Finish

Sump - 316L Stainless Steel - Electropolished

Collar - Nickel Plated Brass

Bracket - 304 Stainless Steel O-Ring - Buna-N

Code	Material	No. of Cartridges	Cartridge (")	Port Size (")	Seal Type
PFH	S	1	10	3/4, 1	226
			20		
			30		

e.g. PFH-S-1-10-1-226