

# 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

## Economic

Operating at the highest temperature rating in the range, EFH housings are ideally suited to industrial applications given their robust construction and high operational parameters. Accepting double open-ended cartridges, the top nut screw tightens the housing and head together once the cartridge is placed over the tie-rod and spring. When fully assembled the knife edge seal of the housing head provides the necessary secure seal for this cost-effective upgrade to plastic housings.

## Best for Higher Temperature Applications



**FDA**  
Compliant Materials

**PED**  
Compliant  
Article 4, Paragraph 3  
Group 2 Liquids

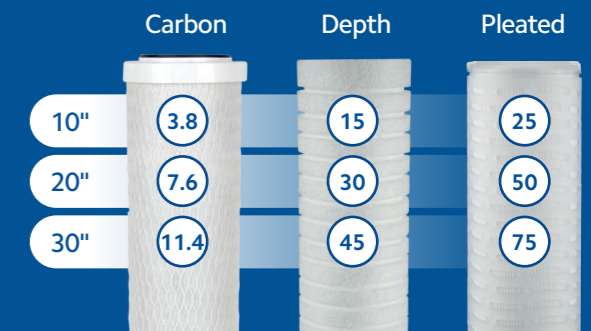
**DWI**  
Approved

**SPECTRUM**

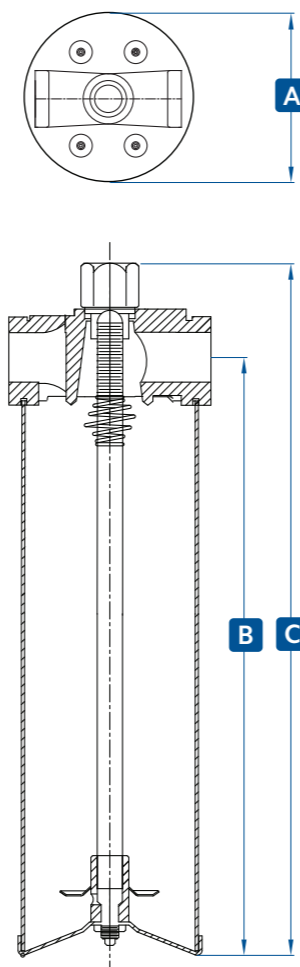
## Key Features

- Requires only 10mm clearance for cartridge changeout
- Comes with compatible EPDM gaskets for high temperature operations
- Tie rod ensures easy location of cartridge

## Flow Rate (lpm)



## Technical Drawing



### Top Nut

Screws through the head onto the tie rod for secure closure.

### Inlet/Outlet Ports

1/2", 3/4" & 1" BSP port configurations.

### Central Tie Rod

The rod and spring locates and secures cartridges in place.

### Sealing

EPDM Gasket supplied as standard.

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EPDM Gasket. Other materials are available.

### Serial Number

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

### Material

Manufactured from 316L grade stainless steel with a brushed finish.

### 1/8" Drain Port

Easy housing drainage during changeout.

## Specification

### Port Sizes (BSP")



### Cartridge Compatibility (")



### End-Cap Compatibility



### Temperature (°C)

135

### Pressure Rating (bar)

17

### Materials

Head - 316L Stainless Steel - Glass Bead Finish
Sump - 316L Stainless Steel - Course Brushed Finish
Top Nut - 316L Stainless Steel
Gaskets - EPDM

Dimensions (mm)			
Housing	A	B	C
EFH-SBR-1-10	103	301	346
EFH-SBR-1-20	103	562	606
EFH-SBR-1-30	103	816	860

Code	Material	No. of Cartridges	Cartridge (")	Port Size (")
EFH	SBR	1	10	1/2, 3/4, 1
			20	
			30	
EFH - S - 1 - BRACKETKIT	Stainless Steel	-	-	-

e.g. EFH-SBR-1-10-1