

# 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

## Standard

Designed for situations where the application environment and criteria exceed the parameters of Aqualyze plastic housings, the Standard single round housings provide a superior alternative, performing at high temperature, high pressure and with wider fluid compatibility. Allowing for both longitudinal and radial flow cartridges, the SFH housing is manufactured with a spring-loaded seal plate accepting cartridge lengths from 9¾" to 30" and a head which accommodates a 213 O-ring seal along with the regular DOE/AA end-caps for wider application capability.

### Offers Most Cartridge Options



**FDA**  
Compliant Materials

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

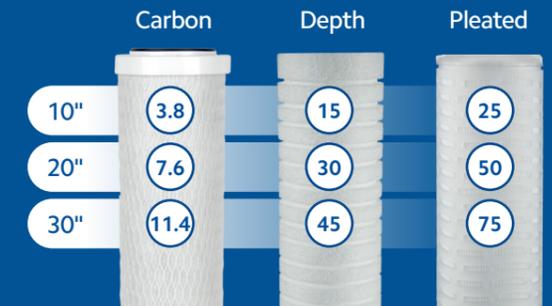
**DWI**  
Approved

**SPECTRUM**

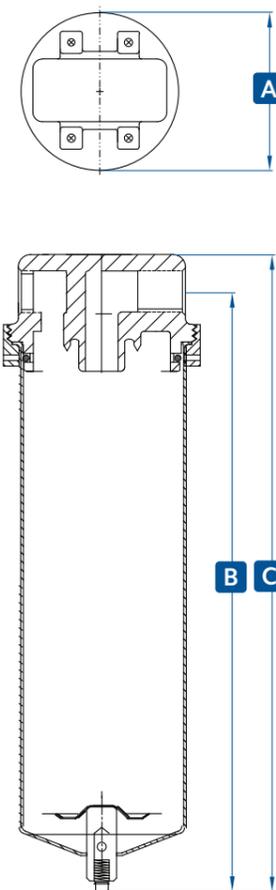
## Key Features

- Compatible with both radial and longitudinal flow cartridges
- ¼" drain allows for easy drainage with minimal ground clearance required for cartridge changeout
- Comes with mounting bosses, bracket kit and locking ring closure tool to facilitate quick and simple installation

## Flow Rate (lpm)



### Technical Drawing



#### Bracket

To securely hang on wall

#### Inlet/Outlet Ports

½, ¾" & 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 a brushed finish.

#### Serial Number

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

#### ¼" Drain Port

Easy housing drainage during changeout.

### Specification

#### Port Sizes (BSP")

½

¾

1

#### Cartridge Compatibility (")

9¾

9⅞

10

20

30

Carbon eg. 870 carbon block

Spun Bonded eg. TruDepth

Wound eg. Wound polypropylene

#### End-Cap Compatibility

DOE

AA

213

Double open ended eg. TruDepth

Gasket ended eg. Media Cartridges

CG O-ring eg. Pleat

#### Temperature (°C)

93

#### Pressure Rating (bar)

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

#### Dimensions (mm)

Housing	A	B	C
SFH-S-1-10	105	314	335
SFH-S-1-20	105	568	614
SFH-S-1-30	105	822	868

Code	Material	No. of Cartridges	Cartridge (")	Port Size (")
SFH	S	1	10	½, ¾, 1
			20	
			30	

e.g. SFH-S-1-10-1