Stainless Steel Multi-Cartridge Housings

Standard

The Standard range is capable of operating up to 700 lpm, with flow rates beyond this capacity requiring the feature loaded Premier range. From the 7 x 40" housing down to the 3 x 10", these smaller vessels do not require the additional heavy duty features such as davit assemblies and swing-bolt lids. Still manufactured from 316L stainless steel, with gauge ports, drain ports and a universal cartridge adaptor to accept AA, DOE and 222 end-capped cartridges, this range offers a competitive solution for smaller flow rate applications.



Cartridge Compatibility

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







3 Cartridges

up to 300 lpm



5 Cartridges

up to 500 lpm



7 Cartridges

up to 700 lpm

Which Size Housing?

SPECTRUM Standard multi-cartridge housings range in size from 3 round to 7 round, with flow rates from 11 to 700 litres per minute.

Multi-Cartridge Inox Filter Housings

Standard - 3 Cartridge Round

The smallest multi-cartridge housings for rugged environments start at a 3 x 10", offering an alternative solution to where a single round equivalent is at maximum flow. With 2" ports, flow and pressure is dispersed throughout these wide housings and across the multiple cartridges resulting in lower pressure drop and a more even distribution of particulate. Housings are equipped with gauge ports and drain ports as standard, which allow pressure gauges to be fitted for filter monitoring and the housing to the fully emptied respectively.

Up to 300 lpm



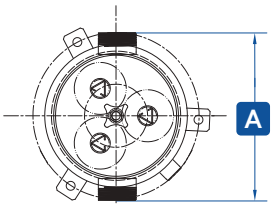
SPECTRUM

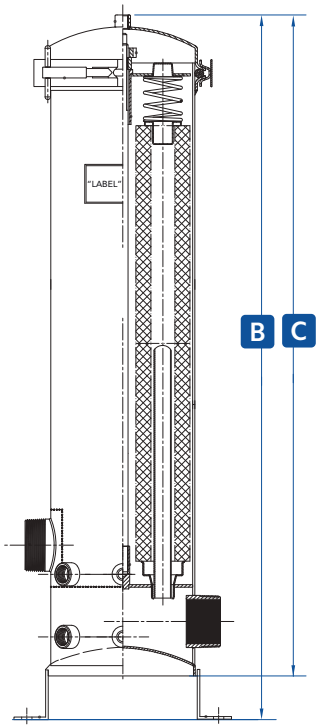
FDA
Compliant Materials

PED
Compliant
Article 4, Paragraph 3
Group 2 Liquids

DWI
Approved

Technical Drawing





Dimensions (mm)			
Housing	A	B	C
SFH-SPC-3-10	228	568	517
SFH-SPC-3-20	228	822	771
SFH-SPC-3-30	228	1076	1025
SFH-SPC-3-40	228	1330	1279

Key Features

- V-Clamp closure for a secure seal
- Universal cartridge adaptors securely hold 222, DOE or AA cartridges
- Drain ports allow for quick and easy cartridge changeout
- Gauges ports come fitted with 316L plugs when gauges are not required

Flow Rate (lpm)

	Carbon	Depth	Pleated
10"	11	60	75
20"	23	120	150
30"	34	180	225
40"	46	240	300



1/4" Pressure Release Vent

Untighten to release pressure.

Tie Rod and Top Plate

Mobile, adjustable plate ensures simple installation and allows for length variations.

Inlet

2" BSPM in standard configurations.

Universal Cartridge Plate

Compatible with both DOE/AA and 222 end configurations at no extra cost.

Drain Ports

Empties housing of fluid when changeout is required.

V-Band Clamp

Clamps and tightens around head for a secure seal.

Surface Finish

The polycoat finish provides everyday protection, guarding against corrosion.

Outlet

2" BSPM in standard configurations.

2x Gauge Ports

Optional gauges measure differential pressure.

3x Mounting Legs

Heavy duty, stainless steel legs bolt to the floor for security.

Specification

Port Sizes (")

2 BSPM

Cartridge Compatibility (")

9¾ → *upto* 40

End-Cap Compatibility

222	DOE	AA
EG/EH Ended *eg. Pleat*	Double open ended *eg. TruDepth*	Gasket ended *eg. Carbon*

Temperature (°C)

120

Pressure Rating (bar)*

10

Materials

Head & Body - 316L Stainless Steel - Polycoated	
V-Band Clamp - 304 Stainless Steel	
Legs - 304 Stainless Steel	O-Ring - Buna-N

* Hydrostatic Pressure Rating

Code	Description
SFH-SPC-3-10-2-GP-ML	SPECTRUM INOX Standard Filter Housing 3 X 10" 2" BSPM with Gauge Ports
SFH-SPC-3-20-2-GP-ML	SPECTRUM INOX Standard Filter Housing 3 X 20" 2" BSPM with Gauge Ports
SFH-SPC-3-30-2-GP-ML	SPECTRUM INOX Standard Filter Housing 3 X 30" 2" BSPM with Gauge Ports
SFH-SPC-3-40-2-GP-ML	SPECTRUM INOX Standard Filter Housing 3 X 40" 2" BSPM with Gauge Ports

Multi-Cartridge Inox Filter Housings

Standard - 5 Cartridge Round

An extension of the 3 round range, these 5 round housings take advantage of a nominal cost to increase body size, resulting in an increase in flow rate capacity of over 60%. As with the rest of the Standard range, these housings are supplied with gauge ports, to allow pressure gauges to be fitted for filter monitoring as well as drain ports for effective housing emptying, for easy changeout and reduced product wastage.

Up to 500 lpm



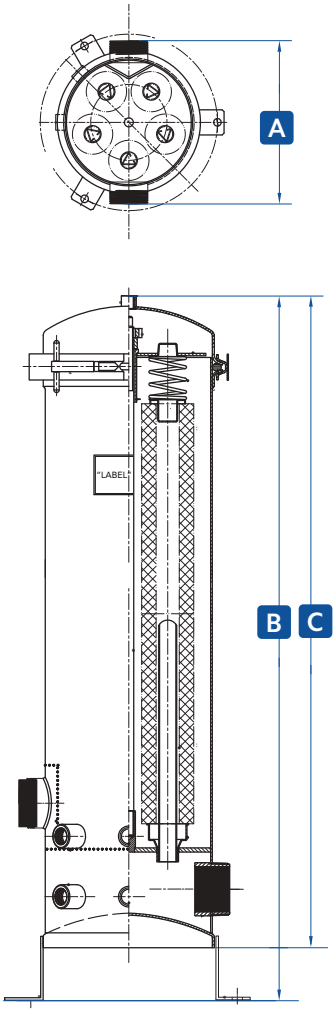
SPECTRUM

FDA
Compliant Materials

PED
Compliant
Article 4, Paragraph 3
Group 2 Liquids

DWI
Approved

Technical Drawing

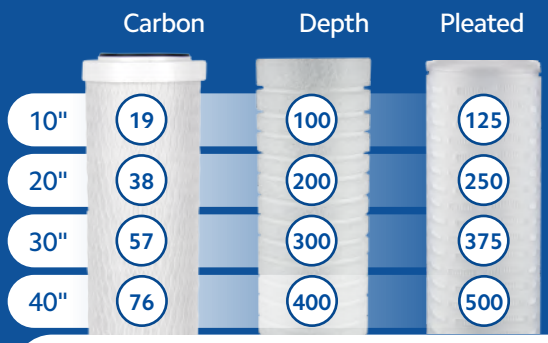


Dimensions (mm)			
Housing	A	B	C
SFH-SPC-5-10	260	603	539
SFH-SPC-5-20	260	857	793
SFH-SPC-5-30	260	1111	1047
SFH-SPC-5-40	260	1365	1301

Key Features

- V-Clamp closure for a secure seal
- Universal cartridge adaptors securely hold 222, DOE or AA cartridges
- Drain ports allow for quick and easy cartridge changeout
- Gauges ports come fitted with 316L plugs when gauges are not required

Flow Rate (lpm)





1/4" Pressure Release Vent

Untighten to release pressure.

Tie Rod and Top Plate

Mobile, adjustable plate ensures simple installation and allows for length variations.

Inlet

2" BSPM in standard configurations.

Universal Cartridge Plate

Compatible with both DOE/AA and 222 end configurations at no extra cost.

Drain Ports

Empties housing of fluid when changeout is required.

V-Band Clamp

Clamps and tightens around head for a secure seal.

Surface Finish

The polycoat finish provides everyday protection, guarding against corrosion.

Outlet

2" BSPM in standard configurations.

2x Gauge Ports

Optional gauges measure differential pressure.

3x Mounting Legs

Heavy duty, stainless steel legs bolt to the floor for security.

Specification

Port Sizes (")

2 BSPM

Cartridge Compatibility (")

9¾ → *upto* 40

End-Cap Compatibility



222 — EG/EH Ended *eg. Pleat*

DOE — Double open ended *eg. TruDepth*

AA — Gasket ended *eg. Carbon*

Temperature (°C)

120

Pressure Rating (bar)*

10

Materials

Head & Body - 316L Stainless Steel - Polycoated	
V-Band Clamp - 304 Stainless Steel	
Legs - 304 Stainless Steel	**O-Ring** - Buna-N

* Hydrostatic Pressure Rating

Code	Description
SFH-SPC-5-10-2-GP-ML	SPECTRUM INOX Standard Filter Housing 5 X 10" 2" BSPM with Gauge Ports
SFH-SPC-5-20-2-GP-ML	SPECTRUM INOX Standard Filter Housing 5 X 20" 2" BSPM with Gauge Ports
SFH-SPC-5-30-2-GP-ML	SPECTRUM INOX Standard Filter Housing 5 X 30" 2" BSPM with Gauge Ports
SFH-SPC-5-40-2-GP-ML	SPECTRUM INOX Standard Filter Housing 5 X 40" 2" BSPM with Gauge Ports

Multi-Cartridge Inox Filter Housings

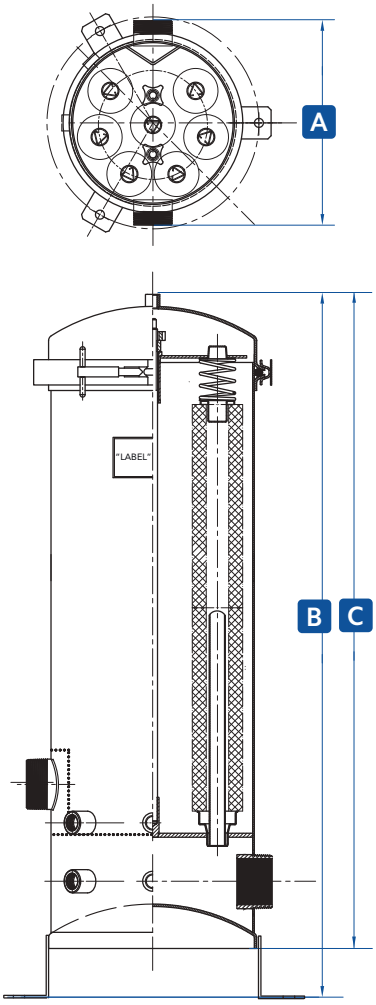
Standard - 7 Cartridge Round

The largest offering in the Standard range, the 7 x 40" housing has a maximum flow rate capacity of 700 lpm whilst remaining an economic and ergonomic solution. These housings, due to their relatively small footprint are typically combined into parallel systems, for increased flow rate potential or duty-standby systems for applications which require continuous service. Gauge ports and drain ports provide the required functionality for additional filter monitoring and simple cartridge changeout.

Up to 700 lpm



Technical Drawing

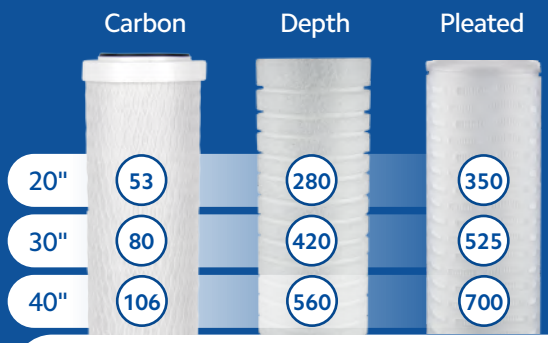


Dimensions (mm)			
Housing	A	B	C
SFH-SPC-7-20	316	885	821
SFH-SPC-7-30	316	1139	1075
SFH-SPC-7-40	316	1393	1329

Key Features

- V-Clamp closure for a secure seal
- Universal cartridge adaptors securely hold 222, DOE or AA cartridges
- Drain ports allow for quick and easy cartridge changeout
- Gauges ports come fitted with 316L plugs when gauges are not required

Flow Rate (lpm)





1/4" Pressure Release Vent

Untighten to release pressure.

Tie Rod and Top Plate

Mobile, adjustable plate ensure simple installation and allows for length variations.

Inlet

2" BSPM in standard configurations.

Universal Cartridge Plate

Compatible with both DOE/AA and 222 end configurations at no extra cost.

Drain Ports

Empties housing of fluid when changeout is required.

V-Band Clamp

Clamps and tightens around head for a secure seal.

Surface Finish

The polycoat finish provides everyday protection, guarding against corrosion.

Outlet

2" BSPM in standard configurations.

2x Gauge Ports

Optional gauges measure differential pressure.

3x Mounting Legs

Heavy duty, stainless steel legs bolt to the floor for security.

Specification

Port Sizes (")

2

BSPM

Cartridge Compatibility (")

20 30 40

End-Cap Compatibility



222 — EG/EH Ended *eg. Pleat*

DOE — Double open ended *eg. TruDepth*

AA — Gasket ended *eg. Carbon*

Temperature (°C)

120

Pressure Rating (bar)*

10

Materials

Head & Body - 316L Stainless Steel - Polycoated	
V-Band Clamp - 304 Stainless Steel	
Legs - 304 Stainless Steel	**O-Ring** - Buna-N

* Hydrostatic Pressure Rating

Code	Description
SFH-SPC-7-20-2-GP-ML	SPECTRUM INOX Standard Filter Housing 7 X 20" 2" BSPM with Gauge Ports
SFH-SPC-7-30-2-GP-ML	SPECTRUM INOX Standard Filter Housing 7 X 30" 2" BSPM with Gauge Ports
SFH-SPC-7-40-2-GP-ML	SPECTRUM INOX Standard Filter Housing 7 X 40" 2" BSPM with Gauge Ports