

Economic Plastic Filter Housing Systems

Single, Double or Triple Housing

These smart SPECTRUM systems have been conveniently pre-assembled for easy and quick installation. Costing less than the sum of their individual components combined, the Aqualyze systems are anything but economic and are available in 10" and 20" Regular and Large Diameter sizes, with the unique option to select sump colour configurations. Coming complete with inlet and outlet gauges to monitor and maximise cartridge life, a spanner to assist with sump removal when performing maintenance and cartridge replacement and connectors to configure the 1/4"-1" port sizes with the most common pipework, the extensive combinations in this range provide endless options for applications and flow rates.

Gauges

x2 gauges for single round, x3 for double and x4 for triple.

Bracket & Screws

Securely fixes to the head with screws and washers.

Head

Available in regular and large diameter with a range of port sizes.

O-ring

Positioned to create a watertight seal.

Sump

Options of either black (PK) or clear (SC).

FDA
Compliant Materials

PED
Compliant
Article 4, Paragraph 3
Group 2 Liquids

Packaging

The housings are packaged in protective boxes with clear labelling.

Fitting Adaptors Included



Cartridge Compatibility

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



Single

Suitable where only one level of filtration is required to filter or treat the incoming fluid.

Sump options

Options of either a clear or a black sump in 10 or 20 inch.



Double

For systems that require prefiltration of a secondary low micron filter or water treatment cartridge to maximise service life.

Triple

For applications that require varying levels of prefiltration or an array of treatment cartridges to remove multiple unwanted contaminants.



Economic Plastic Filter Housing Systems

Single, Double or Triple Housing

Filtration systems are tailored to suit individual applications dependant on the level of filtration required. Single housings provide an effective one stage process, used to target specific contaminants for example, bulk solids, sediment or organics. Two-stage systems are implemented when an expensive secondary filter, such as a fine filtration or water treatment cartridge, benefits from prefiltration, prolonging service life. If applications demand a full filtration cascade, a three-stage system is recommended, which delivers a spatial and economic solution.

Key Features

- Complete packaged systems including all necessary accessories for installation and monitoring
- Full array of housing sizes and sump configurations to suit almost all application requirements
- Ergonomic and lightweight housings allow easy installation

Flow Rate (lpm)

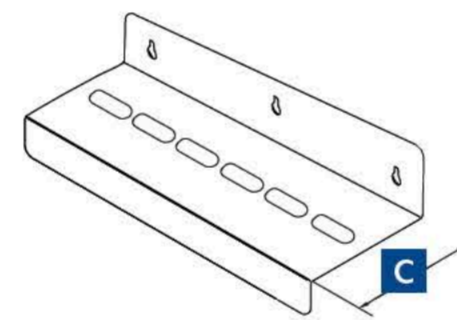
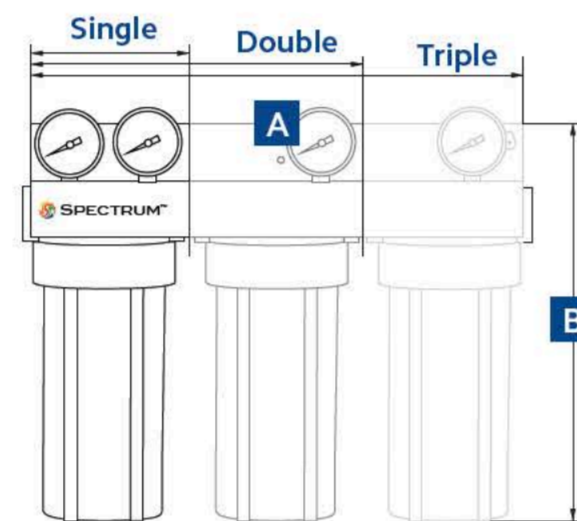
	Carbon	Depth	Pleated
10"	3.8	20	25
20"	7.6	40	50
10"LD	7.6	20	50
20"LD	15.1	40	90



FDA
Compliant Materials

PED
Compliant
Article 4, Paragraph 3
Group 2 Liquids

Technical Drawing



		Dimensions		
Housing		A	B	C
Single	EFHS-10 (1/4, 3/8)	120	381	115
	EFHS-10 (1/2, 3/4)	120	381	115
	EFHS-20	134	645	115
	EFHS-10LD	117	472	175
	EFHS-20LD	117	730	175
Double	EFHS-10 (1/4, 3/8)	236	376	145
	EFHS-10 (1/2, 3/4)	236	376	145
	EFHS-20	236	640	145
	EFHS-10LD	410	450	191
Triple	EFHS-10 (1/4, 3/8)	360	376	145
	EFHS-10 (1/2, 3/4)	360	376	145
	EFHS-20	440	632	165
	EFHS-10LD	613	450	195
	EFHS-20LD	613	708	195



Specification

Port Sizes (BSP")

1/4	3/8	1/2	3/4	1
Supplied with 1/4 PF adaptors	Supplied with 3/8 PF adaptors	Supplied with 15mm adaptors	Supplied with 22mm adaptors	Supplied with 28mm adaptors

Cartridge Compatibility (")

9 3/4	9 7/8	10	20
Regular or LD			

End-Cap Compatibility (* Regular 10" only)

DOE	AA	213
Double Open ended eg. TruDepth	Gasket ended eg. Carbon block	CG* O-ring eg. Pleat

Temperature (°C) Pressure Rating (bar)

4-40	8.6	6.9
	Regular SC & LD	

Materials

Head / Sump-Black PK = Polypropylene	Sump - Clear SC = Acrylonitrile Styrene
Gauge Brass/Stainless Steel	O-ring Buna-N
Bracket Powder Coated Carbon Steel	Nipple PVC
PRV Polypropylene	Spring 304 Stainless Steel

* PK - Black SC - Clear

Code	Material *			Cartridge (")	Port Size (")	Weight (kg)		
	Housing 1	Housing 2	Housing 3			Single	Double	Triple
EFHS	PK	/	/	10	1/4, 3/8, 1/2, 3/4	1.08	2.40	3.62
				20	1/2, 3/4	2.10	4.44	6.96
	SC	/	/	10LD	1	3.28	7.04	10.56
				20LD		4.68	9.84	14.76

Part code example: EFHS-PK/SC/PK-10-3/4