



Puretec SFS Series

Sediment Filtration Water Treatment Systems

The Puretec SFS Series sediment filtration system removes sediment, silt, sand and other particulate preventing a buildup of sludge in your pipe work, hot water systems and appliances.

Puretec SFS Series deliver a fully automatic and highly dependable control valve, which helps minimize energy and water waste. Features a fully automatic operation that provides a reliable design and simple programming for ease of use.

Product Features

- Reduce sediment, silt and suspended solids in high flow dirt applications
- Filters sediment and particulate down to 20 micron
- Complete system, no extra parts required
- Automatic backwash – maintenance free
- Stores system configuration and operation data in nonvolatile memory
- Solid state microprocessor with easy access front panel settings
- Front panel display for time of day, days until next regeneration
- 10 selectable pre-programmed regeneration cycles
- Double backwash feature offers optimum regeneration, cleaning ability and efficiency
- 1" connections means minimum pressure loss

Automatically reduce dirt, rust and other sediment in water

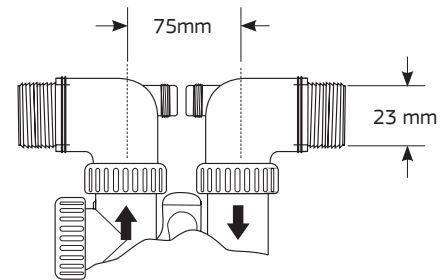
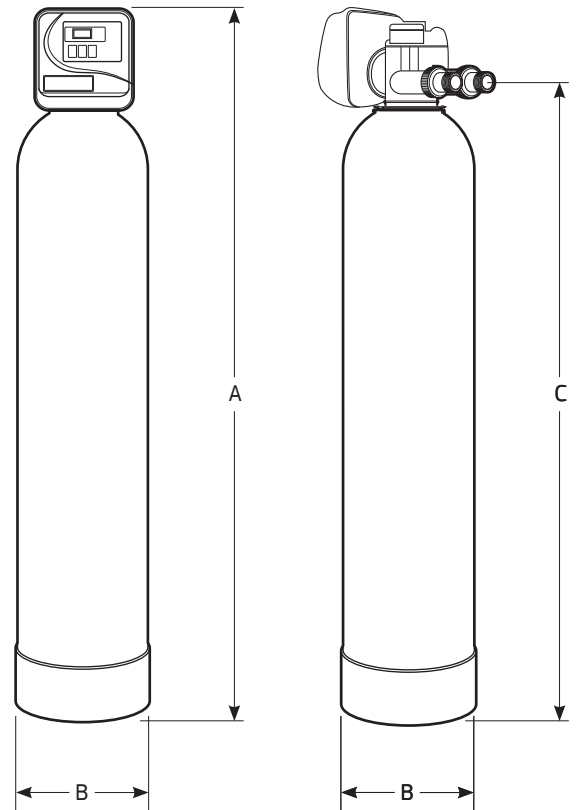
Sediment filtration systems remove sediment, silt, sand and other particulate presenting a buildup of sludge in your pipe work, hot water systems and appliances. The Puretec SFS Series effectively protects your system with little or no maintenance by automatically back washing the graded filter bed.

Technical Specifications

Model	SFS Series
Valve	E1
Maximum suspended solids	500 mg/K
Operating Pressures	20 - 125 psi (1.4 - 8.6 bar)
Operating Temperature Ranges	4 - 43°C (40 - 110°F)
Supply Voltage	230V AC
Supply Frequency	50 Hz
Output Voltage	12V AC
Output Current	500 mA
Service @ 1 bar/15 psi drop	129 Lpm, 7.7 m ³ /h
Backwash @ 1.7 bar/25 psi drop	121 Lpm, 7.3 m ³ /h
Inlet/Outlet Fitting Connections	1" Male BSPT
Distributor Pilot	32mm O.D. Pipe
Drain Line Connection	3/4" Male NPT Standard
Brine Line Connection	3/8" or 1/2" O.D. Poly Tube Compression
Mounting Base Options	2-1/2" - 8 NPSM

Note: Not recommended for colloidal particles. Water Turbidity will affect recommended flow rate.

Dimensions



System Specifications and Performance Data

Ordering Code	Application	Backwash	Service Flow Lpm	Max Flow Lpm	Dimensions		
					A	B	C
SFS2000	Small to medium building / residence	Auto Backwash	30	80	1,400 mm	245 mm	1,280 mm
SFS3000	Medium building / residence	Auto Backwash	40	90	1,500 mm	270 mm	1,445 mm
SFS4000	Medium to large building / residence	Auto Backwash	60	100	1,600 mm	320 mm	1,395 mm

Puretec water care products are designed, manufactured and supported by Puretec Pty Ltd the name you can trust for viable and proven water solutions. All pictures and information are supplied as a guide only. The complete range of Puretec products are developed, refined, made to meet and exceed stringent specifications for the worldwide market. Please ring to confirm details.

Important Note: Sales of products are subject to our Terms and Conditions which are available upon request. Do not use products with microbiologically unsafe water without adequate disinfection. Under normal circumstances a pressure limiting valve is not required. If incoming water pressure is excessive it may however be necessary to install an approved pressure limiting valve to be fitted in line to prevent excessive running on as pressure is relaxed from the system after the tap is turned off. Maximum flow depends on cartridges, vessel, pressure, impurities etc.