

Automatic Self-Cleaning Filter - SC

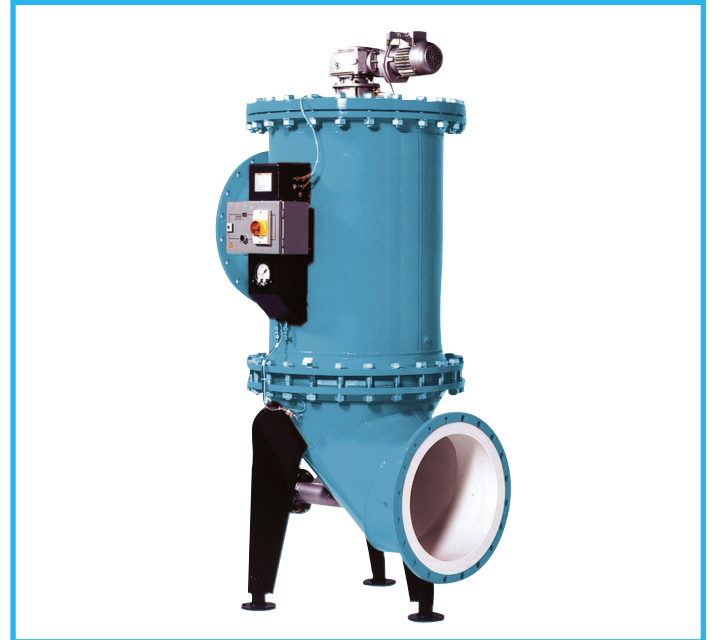
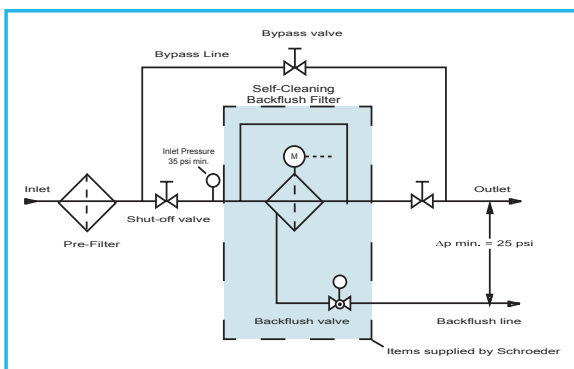
Schroeder's Automatic Self-Cleaning Filter (SC) is a back-flushing system for extracting particles from low viscosity fluids such as water and machine tool coolants. Particle contamination in fluids accelerates the rate of wear on system components such as spray nozzles, valves, and pipelines which results in premature component failure. The SC is ideal for applications where fluid flow cannot be interrupted and must be constantly maintained at an acceptable cleanliness level. With eleven sizes and dozens of options, there is an SC filter for almost any application.

Applications:

- Spray nozzle protection and scale removal
- Re-circulating machine coolant
- Cooling towers and heat exchangers
- Ion exchange and reverse osmosis pre-filter
- Flocculent make-up water
- Mining feed water

Advantages:

- Fully automatic operation
- Uninterrupted flow during filtration
- Superior self-cleaning functionality
- No consumable parts such as elements
- Low pressure drop
- Virtually maintenance free
- Low operating costs



System Specifications:

Flow Rates:	20 gpm - 33,000 gpm
Filtration Micron Ratings:	25 μ - 3,000 μ
Max Operating Pressure:	150 psi standard
Filter Housing Material:	Carbon steel Stainless steel
Corrosion Protection for Carbon Steel Vessel:	Epoxy Phenolic, Volcanized rubber coating
Connection Flange Sizes:	2" - 36"
Filter Elements:	Stainless steel
Control Systems:	Electric - Pneumatic, All Electric, All Pneumatic
Max Operating Temperature:	194 °F