

Self Cleaning Filter :



These are used where continuous flow and unassisted cleaning is required. They are designed for installations which will be unattended for extended time periods. It is suitable for remote or difficult service locations.

The liquid to be filtered enters through the inlet connection and passes through the specially engineered wedge wire element with the flow being from outside to inside. Solids larger than the selected micron spacing are either retained on the outside of the filter element or drop into the filter chamber sump.

The filtered liquid then passes through the top of the element and flows out through the outlet connection. As the filter element becomes progressively fouled by retained solids the differential pressure across the filter rises.

Element is cleaned by rotating top handle by manually or by motor and scraper is provided on the surface of the filter element which scrapes out impurities deposited on the element by three or four rotation of element gets cleaned and impurities can be removed by opening drain valve from bottom. Suitable for large volume and fine filtration upto 30 microns available with single or multi elements in Body carbon steel, SS 304, 316, 316L or any other alloy steel material

Technical Specifications :

Size	Rating	Material of Construction
15 NB to 1000 NB	150#, 300#, 900#, 1500#	Carbon Steel, Stainless Steel and Alloy Steel, in welded construction Automatic operation with control panel (relay based, PLC based and start up panel), option of automatic drain valve which can be pneumatic or electrical operated