



Multi-Media Sand Filter (MMF)

Sediment Removal

SLS Auto-control Filter with Multi-Media Sand as the filtration media is designed to deliver exceptional performance by utilizing high-quality components. It is engineered for longevity and energy efficiency.

This Multi-Media Sand Filter (MMF) efficiently removes impurities from water by passing it through a bed of quartzite sand with varying gradations. Installing a Sand filter is recommended when the water's turbidity load is high, causing water quality issues and deposits on pipelines, boilers, taps, and appliances.

SLS Multi-Media depth filters are specifically designed to remove particles that are 5-15 microns in size or larger. The filtration media used in our filters is carefully selected based on particle size, ensuring that the media retains its stratification during the backwash and rinse processes.

To eliminate trapped contaminants within the filter bed and maintain its efficiency, an automatic back-washing system is incorporated. This system effectively removes the trapped contaminants and washes them down the drain.

Advantages

- **Turbidity Removal**
The Multi-Media Sand Filter excels in turbidity removal, ensuring clear water by removing suspended particles effectively.
- **Automatic or Manual Control Valves are available**
The Auto-control Sand Filter offers both automatic and manual control valve options for flexible filtration needs.
- **Designed to achieve High Flow Rate**
The Auto-control Sand Filter is designed to achieve a high flow rate while maintaining efficient filtration performance.
- **Low Maintenance Required**
With its efficient design and high-quality components, the filter only requires minimal maintenance, saving time and resources.





Specifications

Model	Media Volume	Flow Rate	Control Valve	In/Outlet	Tank Dimension
MMF-1054-A	50L	1000LPH	F67P1	1"	10" x 54"
MMF-1354-A	70L	2000LPH	F67P1	1"	13" x 54"
MMF-1465-A	100L	3000LPH	F67P1	1"	14" x 65"
MMF-1665-A	120L	4000LPH	F67P1	1"	16" x 65"
MMF-1865-A	150L	5000LPH	F134A1	1.5"	18" x 65"
MMF-2162-A	200L	6000LPH	F134A1	1.5"	21" x 62"
MMF-2472-A	300L	8000LPH	F134A1	1.5"	24" x 72"
MMF-3672-A	600L	15,000LPH	F75B1	2"	36" x 72"
MMF-4872-A	1000L	25,000LPH	F112B1	2.5"	48" x 72"



Silica Sand
0.1 - 0.7 mm



Small Gravel
3 - 8 mm



Mid Gravel
5 - 10 mm



Large Gravel
12 - 19 mm

Product Material:

Control Valve: Auto-control / Manual
Tank: Glass-fiber reinforced polyethylene
Treating material: Silica Sands (Quartz)
+ Gravels

Working Conditions:

Max working pressure 6 BAR
Min working pressure 2 BAR
Max working temperature 50°C