



Crienviro

Engineering Eco-Sustainability

Rapid Sand Filter Manifold

Crienviro designs and manufactures a Rapid sand filter manifold along with necessary pre and post treatment facilities, suitable for small to large capacity surface water treatment plant.

Filtration is usually the final step in water treatment process once the coagulation, flocculation and sedimentation process is completed. The purpose of filtration is to remove suspended particles from water by passing the water through filter media. Our unique design of **Rapid Sand Filter manifold** is available in manual operation as well as automatic operation with auto back wash option, which helps for effective elimination of the impurities as well reduces the consumption of water required for backwash.

Construction

All the major parts of the system like manifold pipe, supports, will be of mild steel, painted with anti-corrosive epoxy paint. On certain application wherever required parts will be painted with anti corrosive food grade epoxy paint. Unit can be fabricated entirely of stainless steel on process demand.

The filtration media are selected and proportionally layered with graded sand, gravels, silex, silica to ensure the desired quality of water after filtration.

Size Range

Crienviro Rapid Sand Filter Manifold are available in different sizes, material with frontal pipe and associated valves to suit for small and large MLD plants.

Applications

- Surface Water Treatment
- River Water Treatment
- Lake Water treatment



S. No.	DETAILS	DESCRIPTION
1	Make	Crienviro
2	Model	CESPL-RSFM-01
3	Angle of Cone	Customized
4	Lenght of Manifold	Customized
5	Max No of 'T' / meter	3
6	Size of 'T'	3", 4"
7	Hydraulic Radius	Customized
8	Thickness	5mm, 6mm
9	Shape	Cylindrical with conical outlet
10	MOC	MS