



**Crienviro**  
Engineering Eco-Sustainability  
**Multi Media Filter**

**Crienviro** designs and manufactures a Multimedia filter along with necessary pre and post treatment facilities, suitable for small to large capacity water and waste water treatment plants depending on the end application of output effluent. 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 **multimedia Filter** is available in manual operation as well as automatic operation with auto back wash option, which gives maximum surface area, lesser pressure drop across the pressure bed and effective elimination of the impurities.

**Construction**

All the major parts of the system like vessel, supports, piping's 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 or FRP on process demand.

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

**Size Range**

Crienviro Multimedia Filter sizes are available from flow rate of 5 m<sup>3</sup>/hr to 100 m<sup>3</sup> /hr . Crienviro can also provides the customized Pressure Sand filter on requirement.

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



**Applications**

- Drinking water treatment
- Industrial effluent treatment
- Sewage water treatment
- Swimming Pool
- Pre treatment for membrane systems
- Preparation of cooling water



S. No.	FLOW RATE (LPH)	MODEL NUMBER
1	1000-15000	CESPL-MMF-01
2	15001-23500	CESPL-MMF-02
3	23501-34000	CESPL-MMF-03
4	34001-46000	CESPL-MMF-04
5	46001-60000	CESPL-MMF-05
6	60001-76000	CESPL-MMF-06
7	76001-100000	CESPL-MMF-07