

MULTI MEDIA FILTRATION UNIT (MMFU)



The Multi Media Filtration Unit (MMFU) offers a flexible and effective solution for various water treatment requirements. The MMFU is suitable for a variety of filter medias and treatment requirements including but not limited to sand/glass filtration, ion exchange, activated carbon, catalytic media, and a variety of other filtration medias on the market.

When equipped with the appropriate filtration media successful removal of sediment, particulate, hydrocarbons, volatile organic compounds (VOC's), PFAS, metals and water softening can be achieved. The MMFU can be used independently or as part of an extensive treatment train. This unit plays a crucial role in protecting valuable assets downstream and effectively meeting required discharge water quality targets.

TECHNICAL SPECIFICATIONS

Maximum Flow	30 L/sec
Filtration Area	3.8 m ²
Max Working Pressure	4 Bar
Dimensions (In Transport)	2456L x 3201W x 2973H
Dimensions (Commissioned)	2456L x 3201W x 3873H
Weight Empty	2500 kg
Weight Full	Subject to Media Utilised

*Subject to incoming water quality and media utilised

KEY FEATURES

- Very long life span - Due to the new system design, life span of the media is extended which means cheaper running costs
- Quick installation
- Large filtration area with small footprint
- Backwash Optional
- Resistant to bacteria growth
- Less likely to form channeling
- Equipped with a flow meter
- Modular

BENEFITS

- The large bed volume allows for less frequent media changeouts. Reducing handling and down time.
- Access from top and side allows for safe and effective cleaning and efficient filling of unit.
- The media works, as raw water is driven through the media particles are trapped or absorbed in the spaces between and a clean water passes on to the next step in the treatment train

