VMF Series Vertical Fiberglass
Multi-Media Filter

Applications
- Filtering suspended solids from groundwater, wastewater, process water or drinking water
- Industrial waste or process water
- Protecting liquid GAC, activated clay or resin beds from fouling by suspended solids
- Excavation dewatering
- Precipitated iron removal
- Protecting air strippers from fouling due to suspended solids
- Drinking water tertiary filter

Features & Specifications
- Polyethylene inner shell (all wetted surfaces) with continuously wound fiberglass exterior shell
- 150 psi pressure rating with 4:1 safety factor
- 4” NPT top fitting for mating to PVC head
- Pneumatically actuated diaphragm valves for resistance to fouling and positive shutoff
- ¾” Drain valves on individual vessels
- Pressure gages on filter inlet & outlet
- Air bleed valve on each vessel
- Typical 10-15 micron filtration
- PVC hub and slotted lateral underdrain for distribution at high and low flow rates
- Manual isolation valves on each vessel to allow maintenance or media changeout while system continues to operate
- Backwash flow control globe valve & flow meter to minimize backwash flow and volume while maintaining adequate backwash
- Self source backwash requires no outside backwash source or BW holding storage
- Continuous operation during backwash process
- Fully automatic operation for either self source or outside source backwash
Options

- Various piping configurations and materials
- Pressure relief assemblies, PRV or rupture disk
- Flow, pressure, level & temperature gages or transmitters
- Polypropylene filter housing for corrosive fluids
- Pressure & differential pressure switches, transmitters and gages of various types