

AMF SERIES

AUTOMATIC MEDIA FILTERS



G-Water AMF Series Filtration Systems offer our Industrial, Municipal and Commercial customers customized engineered media specific solutions for a variety of contaminants. Our Media Filtration platforms come in various pre-engineered, factory assembled skids in duplex and triplex configurations and can be configured to customer specifications.

G-Water AMF Series modular media-based Filtrations Systems combine technology knowledge and leading process engineering to create best-in-class filtration solutions to meet most Industrial, Municipal and Commercial water quality requirements. Manufactured for ease of maintenance, lowest footprint, economical treatment and fast delivery, the **G-Water AMF** Series Pressure Vessel portfolio offers a welcomed advantage to traditional medial filtration equivalents.

G-Water AMF Series Filtration Systems are engineered to produce high purity water in applications requiring high quality equipment with a competitive price. These pre-engineered, preassembled and factory tested units minimize installation and start-up time. Simple utility connections and preset controls will have the system on-line and in-service in no time. **G-Water AMF** standard units are available with product water outputs from 15-500 GPM (20,000-720,000 GPD).

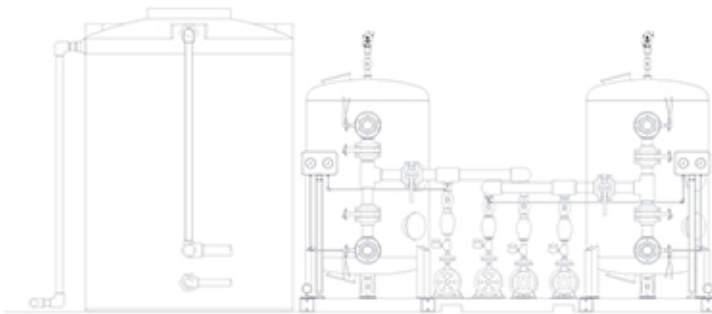
Industrial and Municipal projects, as well as small potable water systems such as schools, daycare centers, RV parks, recreational facilities, housing developments and small manufacturing facilities need simple, affordable and effective treatment solutions for **PFAS** and other common contaminants. Regardless of the scope of your project, rely on **G-Water's** commitment to support your project design process with custom, quality manufacturing, engineered to deliver best in class performance.

Standard Features

- Carbon Steel epoxy coated ASTM - A570-GR36, pressure vessels conforming to ASME code.
- Bottom "false floor" collection system for even collection and distribution.
- Hydraulic, solenoid operated valves for automatic control.
- NEMA-4 electrical enclosures, PLC touch screen operated control panel.
- Hydraulic valves for pressure and flow control.
- Automatic backwashing by pressure differential or time.
- Backwash using raw water, external clean water or treated water from second vessel (client defined).
- Air relief valves per pressure vessel.
- PVC SCH80 feed, product and backwash piping.
- Industrial epoxy coated carbon steel frame.
- 304SS pressure gauges.

Optional Equipment

- Centrifugal pump for inlet flow.
- Centrifugal pump for backwash flow.
- Variable Frequency Drives (VFD).
- Online monitors (application based).
- Water meters.
- Butterfly valves (in lieu of automatic valves on standard model).
- All stainless-steel piping 304/316.
- Ethernet/Modbus PLC communications.
- FRP or 304 stainless steel frame.
- Clean water collection tank.
- Pretreatment chemical injection systems (application based).



FILTRATION SYSTEM

Design Parameters

- Operating Pressure: 100 psig
- Operating Temperature: 45°–95° F
- Design Temperature: 60° F
- Inlet Water Requirement
 - Minimum Inlet Pressure: 30 psig
 - Flow rates: 15 GPM to 500 GPM in factory assembled skids

Constituent/Model	AMF-S	AMF-SB	AMF-Z	AMF-IX	AMF-GS	AMF-GSB	AMF-AC
TSS / Turbidity	✓	✓	✓				
Sulfides	✓	✓					✓
Iron	✓	✓			✓		
Arsenic	✓						
PFAS				✓			✓
TOC				✓			✓
VOC							✓
Manganese					✓		
Amonia				✓			
Boron				✓			
Chromium				✓			
Hardness				✓			
Nitrates				✓			