

PFAS SERIES

AUTOMATIC MEDIA FILTERS



The U.S. Environmental Protection Agency (EPA) regulations for contaminant removal of **PFAS** class compounds have placed an unprecedented challenge upon water systems to cost-effectively meet safe drinking water compliance objectives. **G Water's AMF-ACP** and **AMF-IXP** systems are focused on delivering an affordable and effective solution for **PFAS** contaminants in your source water.

G Water AMF Series Filtration Systems offer our Municipal, Industrial and Commercial customers customized engineered solutions based on client's main objectives, utilizing Ion Exchange (IX) Technology or Activated Carbon Technology (GAC) for **PFAS** reduction. Our Media Filtration platforms come in various pre-engineered, factory assembled skids with parallel, or series flow duplex tank configurations with lead/lag option. The **AMF** series are factory tested units, minimizing 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's AMF-IXP Series modular IX based Filtrations Systems combine technology, knowledge and leading process engineering to create best-in-class **PFAS** reduction solutions to meet your water quality requirements. Manufactured for ease of maintenance, lowest footprint, economical treatment and fast deployment, the **G Water AMF-IXP** Series portfolio offers a welcomed advantage.

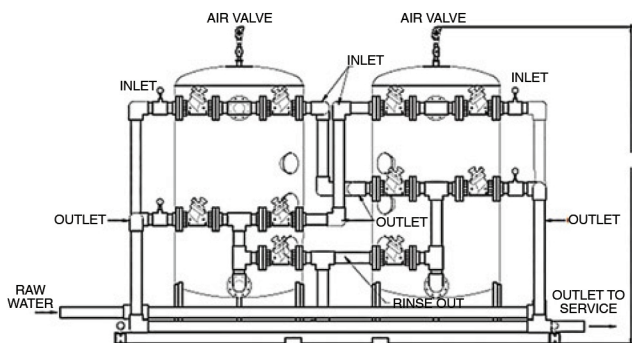
G Water's AMF-ACP Series modular GAC based Filtration Systems are engineered to produce high **PFAS** reduction at a competitive price. Different from IX technology, these units tend to have a larger footprint with the advantage of reactivatable media if done by a certified establishment, being able to achieve 99.99% destruction during the reactivation process.

Standard Features

- Standard system available for 15-500 GPM (different flows optional)
- Carbon Steel epoxy coated, pressure vessels
- 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
- External clean water backwash (clean water tank by client), for AMF-AC-P models
- Air relief valves per pressure vessel
- PVC SCH80 manifolds
- Industrial epoxy coated carbon steel frame
- 304SS pressure gauges

Optional Equipment

- Conforming to ASME code
- 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 hydraulic solenoid operated valves)
- Ductile Iron / Steel / Stainless steel manifolds
- Ethernet/Modbus PLC communications
- FRP or 304 stainless steel frame
- Treated Water Holding tank



Design Parameters

- Operating pressure: < 80 – 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

Flow GPM	Model	Tank Diameter Inch	Tank QTY	Lead/Lag	Configuration	Dimensions LxWxH
25	AMF-IXP-25	20	2	Y	Series	8' x 4' x 7'7"
	AMF-ACP-25	30	2	N	Parallel	10' x 5' x 9'7"
50	AMF-IXP-50	30	2	Y	Series	10' x 5' x 7'5"
	AMF-ACP-50	42	2	N	Parallel	11'6" x 6' x 10'
75	AMF-IXP-75	36	2	Y	Series	11' x 5'6" x 7'5"
	AMF-ACP-75	48	2	N	Parallel	12' x 6'6" x 10'
100	AMF-IXP-100	42	2	Y	Series	12' x 6' x 7'9"
	AMF-ACP-100	55	2	N	Parallel	12'6" x 8' x 10'7"
150	AMF-IXP-150	55	2	Y	Series	12'6" x 8' x 8'5"
	AMF-ACP-150	72	2	N	Parallel	14'6" x 9' x 12'
250	AMF-IXP-250	64	2	Y	Series	13'2" x 8'6" x 8'10"
	AMF-ACP-250	84	2	N	Parallel	16'6" x 10' x 12'
500	AMF-IXP-500	92	2	Y	Series	17'10" x 12' x 10'
	AMF-ACP-500	120	2	N	Parallel	22'6" x 14' x 14'10"

Regardless of the scope of your project, rely on **GALENE's** commitment to support your initial project design process, followed by the manufacturing of your customized solution, engineered to deliver best in class performance for your project.