

# 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.

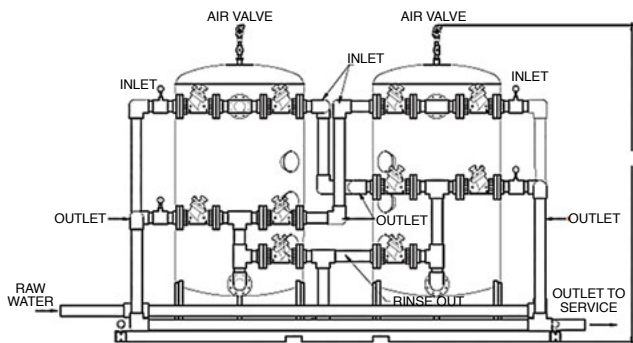
**G Water's AMF-ACP** Series modular GAC based Filtration Systems are engineered to produce high **PFAS** reduction at a competitive price. Different from IX technology, this units tend to have a larger footprint with the advantage of reactivatable media if done by a certified establishments, being able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



[www.gwatertreatment.com](http://www.gwatertreatment.com)

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