



AMF-B SERIES

**HIGH-RISE BUILDING
FILTRATION SYSTEMS**

**Engineered to Protect
Designed for Performance**



AMF-B SERIES

The **G WATER AMF B Series Filtration Systems** are specifically engineered for residential towers, commercial complexes, hotels, and industrial buildings requiring reliable and efficient whole-building water treatment.

Our systems address three critical challenges in building water infrastructure including:

1. Suspended Solids Reduction

Filtration of suspended solids is essential to protect downstream components such as:

- Pumps
- Valves
- Heat exchangers
- HVAC systems
- Cooling towers

Our engineered media filters efficiently remove particulate matter, reducing wear, clogging, and unscheduled maintenance of sensitive mechanical equipment.

2. Mineral Buildup Protection - Scale Inhibitor

Mineral scaling reduces system efficiency and increases maintenance costs.

The **G WATER AMF B Series** includes an integrated **non-chemical scale inhibitor system** that prevents:

- Scale formation inside pipes and valves
- Mineral accumulation on heat exchange surfaces
- Reduced water flow and pressure imbalances

This ensures **longer equipment life, lower energy costs, and optimal flow performance.**

3. Microbiological Contamination - UV Disinfection

Protect your building's occupants and water systems from bacterial and microbiological threats — **without chemical additives.**

Our high-capacity **Ultraviolet (UV) disinfection system** ensures:

- Chemical-free bacteriological protection
- Safe water for human contact
- Compliance with health and building standards
- Reduced risk of Legionella and other waterborne pathogens



APPLICATIONS:

- High-rise residential & commercial buildings
- Hotels & resorts
- Shopping centers and malls
- Industrial campuses
- Hospitals & healthcare facilities
- Data centers & critical infrastructure

ENGINEERED TO FIT YOUR NEEDS

The **G WATER AMF B Series** is available in **modular, pre-engineered duplex and triplex configurations**, with **product water output capacities from 15 to 500 GPM (20,000–720,000 GPD)**.

Each system is preassembled and factory-tested, ensuring minimal on-site installation time and rapid commissioning.

THE G WATER DIFFERENCE

Quality components:

- Stainless steel Cartridge filtration system
- Epoxy-coated carbon steel pressure vessels
- Bottom “false floor” for even media distribution
- SCH80 PVC piping with Stainless Steel as optional
- 304SS pressure gauges
- Stainless Steel UV disinfection system with autocleaning mechanism

Design Parameters:

Parameter	Specification
Operating Pressure	100 psig
Operating Temperature	45°–95°F
Design Temperature	60°F
Minimum Inlet Pressure	30 psig
Flow Rates	15–500 GPM (modular)



Talk to Our Engineering Team

We offer custom-engineered solutions based on your water quality, building specifications, and usage patterns.



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www.gwatertreatment.com