



PFAS Armor[™] A.I.T

MONO MEDIA SYSTEM
Back to water

REDUCES
PFAS (PFOA / PFOS),
CHLORINE, TASTE,
ODOUR, AND
SEDIMENT IN EVERY
APPLICATION IN THE
HOME.



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AIT

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What are PFAS?

PFAS (perfluoroalkyl substances) are a family of chemical compounds used in numerous industrial and consumer products for their non-stick, water-repellent and heat-resistant properties. They are known as eternal chemicals because they are highly stable and almost impossible to degrade in the environment. The problem? By accumulating in water, soil and living organisms, they pose a significant risk to human health and the ecosystem. That is why it is crucial to be sure of the quality of the water we consume every day, for ourselves and our loved ones.

Why are PFAS dangerous?

You don't see them and you don't taste them, but they leave their mark. PFAS accumulate in the body: they can alter the hormonal system, weaken the immune system and even increase the risk of disease. Therefore, more and more countries are introducing strict limits on their presence in drinking water.

PFAS: How do they get into our water?

Industrial effluents, textile processing, water-repellent coatings: PFAS are everywhere and move for miles through groundwater, infiltrating rivers, lakes and even household water. Even seemingly pristine areas can be at risk. If water is not treated properly, PFAS can end up directly in our glasses.

How can we limit the problem in our homes?

PFAS are smaller and more persistent than other contaminants: specific technology is needed to capture and remove them effectively.

Why choose PFAS Armor™?

The installation of PFAS Armor™ brings numerous benefits:

- Reduction of hazardous toxins: it drastically reduces PFAS (up to 95%)
- Protection from long-term effects: minimises the risk of long-term exposure to PFAS
- Improved water quality
- Removal of unpleasant tastes and odours
- Defence against industrial contamination: protects homes near factories or industrial areas.



PFAS Armor™ ALT Mono Media System

Designed to reduce PFAS (PFOA / PFOS), chlorine, taste and odour, and sediment in home applications. It improves water quality, taste and odour.

PFAS Armor™ ALT Mono Media System is the system with certified effectiveness that reduces PFAS (PFOA/PFOS) in water. PFAS are extremely harmful chemical contaminants that represent a significant risk to human health and the environment. Commonly referred to as 'forever chemicals', they are known for their chemical stability and high temperature resistance. PFAS Armor™ ALT Mono Media System also reduces sediment and chlorine taste & odour in high flow, whole house applications. The system includes a 1 micron, 4.5" x 20" carbon block designed to reduce PFOA/PFOS, cysts, chemicals, chlorine taste & odour, and to improve the clarity of the water throughout the whole house. The filtration unit can be installed at the point-of-entry of a house to accommodate flow rates up to 1800 l/h. The unit is designed to handle a maximum pressure of 8.3 bar at 45°C (113°F).



POINT OF ENTRY



COLD WATER



MAX OPERATING PRESSURE
8,3 bar (120 psi)



MAX TEMPERATURE
45°C (113°F)
MIN TEMPERATURE
4°C (39,2°F)

MAX FLOW RATE
1800 L/h (8 GPM)

NOMINAL FLOW RATE:
900 l/h (4 gpm)
NOMINAL CAPACITY:
113562 litres (30000 gallons)
@ 900 L/h flow rate

ADVANTAGES

- Designed for high flow residential filtration applications.
- Housing (1) standard filter cartridge 4.5" x 20" OD.
- 1" inlet and outlet connections .
- Includes a pressure maintenance function with an O-ring seal. No spring is used which could cause water leakage due to corrosion.
- The flat knife-edge washers on both ends of the cartridge create a positive seal and eliminate bypass.

SPECIFICATIONS

Selected raw materials, suitable for potable water.

Head: reinforced polypropylene.

Bowl: reinforced polypropylene.

O-ring: Silicone. Breather valve: polypropylene body, EPDM

O-ring.

Drain plug: nylon.

Pressure gauge input: CW 511 L in brass.

Filter medium: PFAS Armor™

Cartridge: PFAS Armor BIG

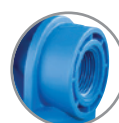
Gasket: NB

Plates: polypropylene

External mesh: polypropylene



IN/OUT 1"



IN
BSPP PLASTIC

MODEL



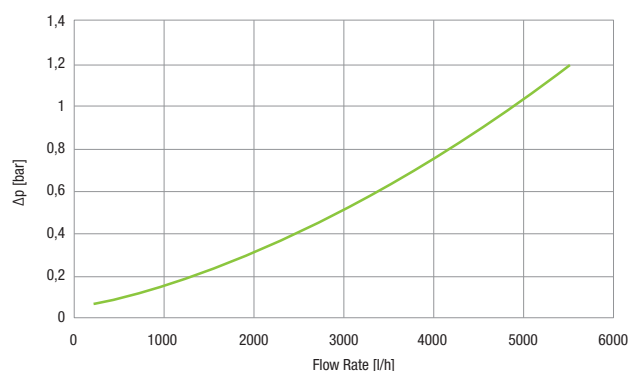
PFAS Armor™
ALT Mono Media
System

CARTRIDGE



PFAS Armor™
20" BIG SX 1micr

test performed on PFAS Armor™ ALT Mono Media System:
test mode: 20 °C, 3 BAR



CERTIFICATIONS





Download our official product maintenance app **NOW**

MY ATLAS
watercaremadeeasy



IT'S MADE IN ITALY



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