6-liter water-based fire extinguisher with fluorine-free additive



The 6-liter water-based fire extinguisher with a fluorine-free additive is a first-response solution designed to effectively combat **Class A and B** fires, while meeting new environmental requirements. Thanks to its new-generation additive free of fluorinated compounds (PFAS), it offers a high-performance alternative to traditional water-based fire extinguishers.

Intended for businesses, local governments, public-access facilities, industrial sites, and commercial buildings, this extinguisher combines fire-suppression effectiveness, safety in use, and environmental responsibility.

Why choose a fluorine-free fire extinguisher?

Fluorine-free water-based fire extinguishers comply with evolving environmental regulations that restrict the use of fluorinated foams. Their innovative formulation delivers excellent fire-extinguishing power while eliminating fluorinated substances known for their environmental impact.

The additive used is free of PFAS, including PFHxA, PFOA, and PFOS. It is biodegradable and does not pose the risks associated with older generations of fluorinated AFFF foams.

High-Performance Fire Suppression with Next-Generation Foam

When the system is activated, water is mixed with a fluorine-free additive that generates a stable foam that quickly covers the fire source. This foam isolates the fuel from oxygen, limits the risk of reignition, and reduces the spread of flammable vapors.

In addition to its smothering action, the water provides a particularly effective cooling effect on burning materials.

Meets professional standards

This fire extinguisher complies with the **NF EN 3-7 standard** as well as European directives regarding pressure equipment and marine equipment. It is also certified for use on electrical installations with a voltage below 1,000 V in accordance with the dielectric test specified by the standard.

Its MED certification also allows for its use aboard ships subject to maritime regulations.

Technical Specifications

- **Type:** Water-based fire extinguisher with fluorine-free additive
- **Nominal capacity:** 6 liters
- **Extinguishing agent:** water + fluorine-free additive
- **CO? cartridge:** 60 g
- **Operating weight:** 9.9 kg
- **Dimensions:** height 435 mm - width 240 mm - diameter 175 mm
- **Fire classes:** A and B
- **Extinguishing capacity:** 13A - 113B
- **Dielectric test:** compliant (suitable for use on systems 1000 V)
- **Operating temperature:** +5°C to +60°C
- **Certification:** NF EN 3-7
- **MED Marine Approval:** Yes
- **Transport packaging:** certified

A robust design for heavy-duty use

The steel body features an anti-corrosion coating of oven-cured epoxy-polyester resin. The lightweight alloy head is treated with a black cataphoresis coating to enhance its corrosion resistance.

The nickel-plated brass striker ensures reliable piercing of the CO? cartridge, while the wide opening facilitates maintenance and recharging. A visual indicator allows for immediate verification of the device’s activation after use.

Professional Applications

- Offices and commercial buildings
- Public-access facilities (ERP)
- Industries and workshops
- Municipalities
- Utility Rooms
- Logistics warehouses
- Environments subject to environmental regulations
- Marine applications thanks to MED certification

MMF: High-Performance and Responsible Fire Protection Solutions

MMF selects firefighting equipment that meets professionals’ requirements for safety, compliance, and performance. This water-based fire extinguisher with a fluorine-free additive is designed to reduce environmental impact while maintaining excellent effectiveness against Class A and B fires.