

W 6 WNA F-500 Water Mist Extinguisher with F-500

Description

The W 6 WNA F-500 is a rechargeable fire extinguisher with internal gas propellant bottle that combines the benefits of water mist technology with the special properties of fire-suppression agent additive F-500. This extinguisher is activated by striking the pushbutton. Using the extinguisher pistol, which can be switched off at any time, the fire-suppression agent can be directed as a water mist in a targeted and metered manner at the heart of the fire.

The fire-suppression agent consists of water and the additive F-500 Encapsulator Agent. This additive is characterised by exceptionally effective fire-suppression properties:

- Reduction in surface tension
- Increase in boundary area activity
- Faster heat reduction
- Encapsulation of fuels and flammable gases

Fire-suppression agent additive F-500 is particularly well suited to use on fires involving plastics, rubber and batteries.

Inside the fire extinguisher, the additive is stored in special cartridges that do not open until the fire extinguisher is activated. That also makes this model easy to service and environmentally compatible.

Applications

- Fire-fighting for materials across a wide and diverse range, in particular plastics, rubber, wood, batteries, and cars
- Processing industry
- Assembly businesses with small load carriers (e.g. pallets)
- Repair workshops
- Tyre stores
- Waste disposal businesses
- Battery charging stations, battery stores
- Photovoltaic systems

Special Features

- Water mist technology substantially reduces secondary damage
- Fluorine-free fire-suppression agent
- Rapidly and completely bio-degradable
- Additive cartridges that are easy to service as well as environmentally compatible
- Fire-suppression agent approvals in acc. with UL, EN, and marine transport



E000992

- NATO Stock Number for fire-suppression agent F-500
- No sediment formation (complete mixing)
- No encrustation of narrow cross sections
- Very corrosion-resistant (pH value of 7)
- Visible smoke suppression
- Satisfies EN3 specifications on suitability for use on electrical systems (up to 1000 V, 1 m minimum distance)
- Proven and safe recharging technology with impact pushbutton and pistol
- Simple and safe to use
- Extinguisher pistol with integrated pressure relief function
- Throw range of water mist, approx. 2 m
- No impairment of visibility when fighting a fire
- Reduced surface tension of fire-suppression agent improves the fire-suppression action (wetting action)
- Increased boundary surface activity improves the penetration depth of the fire-suppression agent in the flammable material
- Powerful cooling effect because energy is released into the fire-suppression water at an earlier stage (phase change starts from approx. 70°C)
- Encapsulation of the fuel, prevention of the release of flammable vapours
- Quality-tested inner and outer plastic coating on each container
- 100% pressure-tested cylinders
- Satisfies the stipulations of ASR A2.2 for the reduction of secondary damage
- Simple maintenance (replaceable parts, big service aperture, separate storage of additive)
- Fire extinguisher approved in acc. with DIN EN3 and the pressure device directive (CE)

Note: The German language version of this document is the official version. If this document is translated into any language other than German and there is a discrepancy between the German language version and the translation, the German language version will control.

Technical data

W 6 WNA F-500



Fire-suppression agent	6 L water with 3% F-500 Encapsulator agent SP 83/08
Certification	EN 3, CE
Temperature range	+5°C to +60°C (not frost-protected)
Installation height	510 mm
Installation width	280 mm
Weight (full) approx.	11.9 kg
Discharge time approx.	50 s
Rating	13 A, 40 F (also tested to 21 B)
Item no.	012183

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Made in Germany



- ✓ welded
- ✓ coated
- ✓ filled
- ✓ tested

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Your fire protection specialist: