



minimax

MOBILE SERVICES



FLUORINE-FREE CLIP-ON FOAM-CARTRIDGE FIRE EXTINGUISHER

WX 6 nG-C and WX 9 nG-C

PRODUCT

- ▶ Foam fire extinguishers contain a clip-on cartridge of PFAS*-free foam concentrate as well as water with added salt solution. Foam fire extinguishers are ideal to fight initial fires of fire classes A and B.
- ▶ In the case of class A fires, the extinguishing effect is based on a combination of cooling effect and barrier effect. The water lowers the temperature to below the ignition point and, as it vaporises, a molten layer is formed, which makes re-ignition impossible. The high wetting effect allows the extinguishing agent to penetrate the burning material.
- ▶ In the case of class B fires, a sliding film and a layer of foam block the supply of oxygen; re-ignition and the rise of combustible vapours are prevented.

* per- and polyfluorinated alkyl substances

APPLICATION

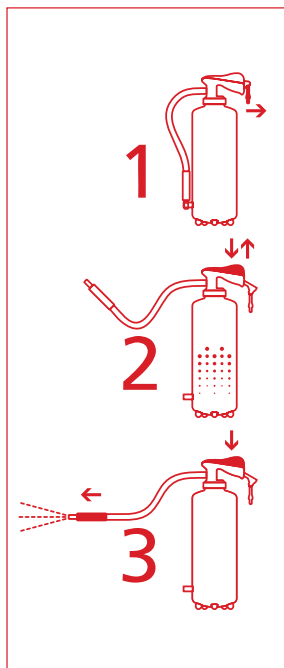
- ▶ Foam fire extinguishers with fluorine-free foam concentrate are used wherever fires involving solid, organic substances or liquid or liquifiable solids need to be extinguished.
- Foam fire extinguishers are an ideal extinguishing solution if sliding, covering and extremely stable extinguishing agent is required.
- ▶ Typical areas of application are:
 - Industrial sectors (e.g. mineral oil or animal feed industry)
 - Medical practices and laboratories
 - Shipping
 - Agriculture
 - Waste utilisation and disposal
 - Warehouses

YOUR ADVANTAGES

- ▶ Free from PFAS and other fluorinated organic compounds
- ▶ Reduced environmental impact
- ▶ Biodegradable surfactants
- ▶ Easy to maintain, as only the fluorine-free foam concentrate in the clip-on cartridge is subject to prescribed replacement intervals and not the water with salt solution in the container
- ▶ Optimal extinguishing jet thanks to a special extinguisher nozzle
- ▶ Lever made of impact-proof high performance polymers, high corrosion resistance and sturdiness
- ▶ Easy handling due to standardised operation and immediately recognisable functions
- ▶ Low weight
- ▶ No re-ignition in case of liquid fires
- ▶ Very little, easy to remove extinguishant residues
- ▶ Easy flow control with adjustable solution nozzle
- ▶ Plastic-coated CO₂ propellant bottle with stainless steel connecting piece
- ▶ Extinguishing agent container made from high quality steel: protected against corrosion by a robust polyester resin outer coating
- ▶ Standard stand pins
- ▶ Maintenance-friendly



FUNCTION



Pull locking pin

- ▶ In the event of a fire, remove the fire extinguisher from its support and briskly pull the yellow locking pin on the handle backwards.

Press lever, then release

- ▶ Hold the hose, press the discharge lever all the way down and release again. The fire extinguisher builds pressure through the internal CO₂ gas canister and can be used immediately.

Press lever to extinguish

- ▶ Aim the extinguishing nozzle towards the fire and press the discharge lever again. Commence extinguishing in a targeted manner.



- ▶ In order to avoid operating errors, all fire extinguishers should be premises with the same operating controls. Minimax offers easy-to-use extinguishers with uniform single-lever operation for all areas of application and fire classification, thus guaranteeing high levels of safety.
- ▶ After pulling out the lock, the extinguisher is ready to operate. When the pressure lever is operated, a blade penetrates the sealing film on the propellant container and opens it. The propellant gas flows into the extinguishant cylinder, pops the foam-cartridge and presses the extinguishant through the riser and extinguishing hose and, while admixing air, pushes it out of the extinguisher nozzle.
- ▶ The extinguishant flow is interrupted when releasing the pressure lever. Repeated operation of the pressure lever brings fires of solid substances under control. Put liquid fires out in one go!

MAINTENANCE

- ▶ Portable fire extinguishers must be maintained regularly by competent persons. The intervals for maintenance of portable fire extinguishers should be done in accordance with the national regulations. The competent person has also to comply the maintenance instructions of the manufacturer.
- ▶ After use – even after only partial emptying – extinguishers must be refilled immediately in order to reinstate operational readiness.
- ▶ Ask your local agent for all inspection, maintenance and filling services.
- ▶ Suitable for up to 1,000 Volt at a minimum distance of 1 m.

Approval
DIN EN 3

TECHNICAL DATA

Type	Approval no.	Extinguishing agent quantity liters	Extinguishing agent	Propellant gas	Test pressure bar	Max. operating pressure (max. PS) at +60 °C approx. bar	Duration approx. s	Discharge range approx. m	Temperature function range °C	Performance classes*	Dimensions Height mm Width mm Ø mm	Weight without holder approx. kg
WX 6 nG-C	SP 18/23	6	Water + 1 cartridge of fluorine-free concentrate	carbon-dioxide	33	23	40	6	+5 to +60	27 A 144 B	550 312 160	10,9
WX 9 nG-C	SP 19/23	9	Water + 1 cartridge of fluorine-free concentrate	carbon-dioxide	33	23	76	6	+5 to +60	34 A 183 B	550 320 190	14,9

* in acc with EN 3.

Subject to technical modifications



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