

FIRE EXTINGUISHER

POWDER FIRE EXTINGUISHER



## Metal fire powder extinguisher PM 12i

Safe for certain.

**MINIMAX**

### Product

- ▶ Fire extinguishers with the extinguishing powder Meta-Troxin are ideal for fighting initial fires of fire class D.
- ▶ Metal fires cannot be extinguished normally. A special shower rose is used for applying a thick layer of the powder – nearly without pressure – onto the burning metal where it forms an adequately thick barrier layer.
- ▶ This prevents the atmospheric oxygen from the fire source. The melting layer isolates the fire and prevents further heating up of the ambience. In addition re-ignition is not possible.



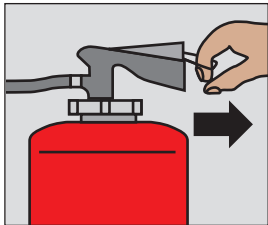
### Range of application

- ▶ The extinguishing powder Meta-Troxin is used for fires of light metals or their alloys.
- ▶ A typical range of application are companies where the following metals are processed or recycled:
  - alkali metals
  - alkaline earth metals
  - light metals - alloys
  - uranium, zirconium
  - organo-metallic compounds

### Your advantages

- ▶ Extinguishes metal fires
- ▶ High screening extinguishing effect
- ▶ Extremely high re-ignition safety
- ▶ Easy to proportion. The extinguishing shower can be stopped at anytime
- ▶ Easy handling due to standardized operation
- ▶ Extinguishing agent cylinder made of high-quality steel, inside phosphatized 1x and outside phosphatized 2x and protected against corrosion by a strong polyester resin coating.
- ▶ Protected against accidental operation
- ▶ High operating safety
- ▶ Internal CO<sub>2</sub> cartridge
- ▶ Easy to maintain

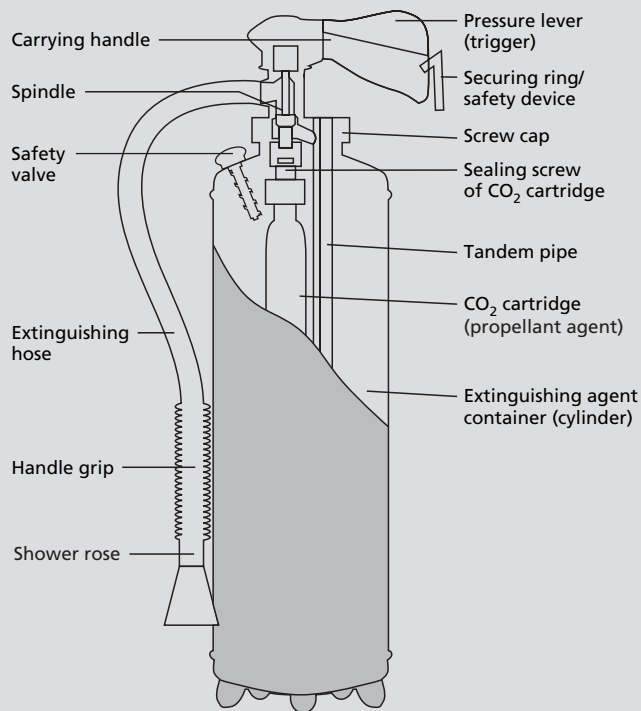
## Operation and function



Pull out security ring.



Press down trigger lever and release it. Aim the nozzle at the base of fire and press down the trigger lever



## Maintenance

- ▶ The place of employment regulation (like ASR137 1 and 2, point 6.1) recommends to provide fire extinguishers with the same operating armature in a company to avoid operating mistakes. Minimax provides fire extinguishers with single-lever operation for all ranges of application and fire classifications, which guarantee special safety.
- ▶ The extinguisher is ready for operation after pulling the safety device. When operating the pressure lever, the spindle is pressed onto the special sealing screw of the propellant cylinder, breaking off its sealing head. Now the propellant flows into the extinguishing agent container, mixes with the extinguishing powder and presses the powder via riser, powder hose and special shower rose to the outside, forming a soft powder cloud.

- ▶ Fire extinguishers must be checked, maintained and repaired in regular intervals by an authorized expert (in Germany according to DIN 14406, Part 4).
- ▶ Fire extinguishers must be refilled immediately after use – even if not completely emptied – to guarantee availability.
- ▶ Minimax Service stations take over all test and filling services. Ask you local dealer.
- ▶ Warning notes: Caution in case of electrical installations! Suitable for up to 1000 volt observing a minimum distance of 1 m.

Certificates\*



\* Consider national approval details according to models.

## Technical data

Type	Official approval no.	Design	Extinguishing agent quantity kg	Extinguishing agent	Propellant gas	Test pressure bar	Max. operating pressure approx. bar	Spraying time approx. s	Operating temperature °C	Height mm	Dimensions Width mm	Ø mm	Weight without wall bracket approx. kg	Fire class
PM 12i	P 2-2/67	PM 12H	12	Meta-Troxin	Carbon dioxide	25	22	25	-20 to + 60	620	340	190	20.0	D

The right is reserved to modify any specification without prior notice.

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