

MINIMAX

MOBILE SERVICES



POWER FIRE EXTINGUISHER FOR METAL FIRES

PM 12 G

PRODUCT

- ▶ Fire extinguishers with the extinguishing powder for metal fires are the ideal instrument for fighting incipient Class D fires.
- ▶ Metal fires cannot be extinguished in the classical sense. Using a special sprayer, the powder is sprayed in a thick layer at almost no pressure onto the burning metal and forms a dense and tough melt layer.
- ▶ This prevents oxygen from reaching the fire. The molten layer isolates the fire and in this way prevents further heating of the surroundings. In addition, re-ignition is suppressed.

APPLICATION

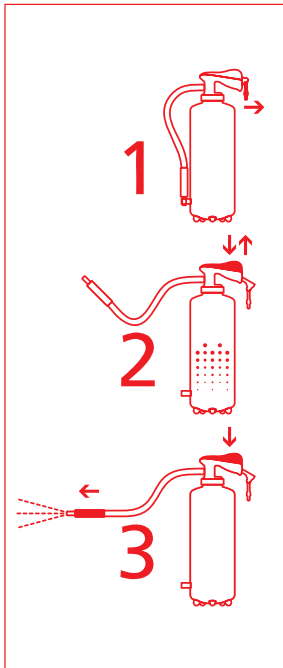
- ▶ The extinguishing powder for metal fires is used for fires involving light metals and their alloys.
- ▶ Typical ranges of application are:
 - Alkali metals, e. g. lithium, sodium, potassium
 - Alkaline earth metals, e. g. barium, calcium, strontium
 - Light metal alloys
 - Uranium, zirconium
 - Organometallic compounds

YOUR ADVANTAGES

- ▶ Readable microchip with NFC technology in the valve for an unambiguous identification of the fire extinguishers as well as automated documentation
- ▶ Optimal extinguishing jet and excellent extinguishing power thanks to a special extinguisher nozzle
- ▶ Impact-resistant high-performance plastic fitting: High corrosion resistance and strength
- ▶ Easy handling with standard operation and immediately recognizable operating principle
- ▶ Protected against accidental operation
- ▶ Coated CO₂ cartridge
- ▶ Easy to proportion. The extinguishing jet can be stopped at anytime
- ▶ Extinguishes metal fires
- ▶ Extinguishing agent container made from high quality steel: protected against corrosion by a robust polyester resin outer coating
- ▶ Highly isolating extinguishing action
- ▶ Extremely high protection against re-ignition
- ▶ Highly reliable in use
- ▶ Serially stand cams
- ▶ Easy to maintain



FUNCTION



Pull the release

- ▶ In the event of a fire, remove the fire extinguisher from its holder and energetically pull back the yellow release on the handle.

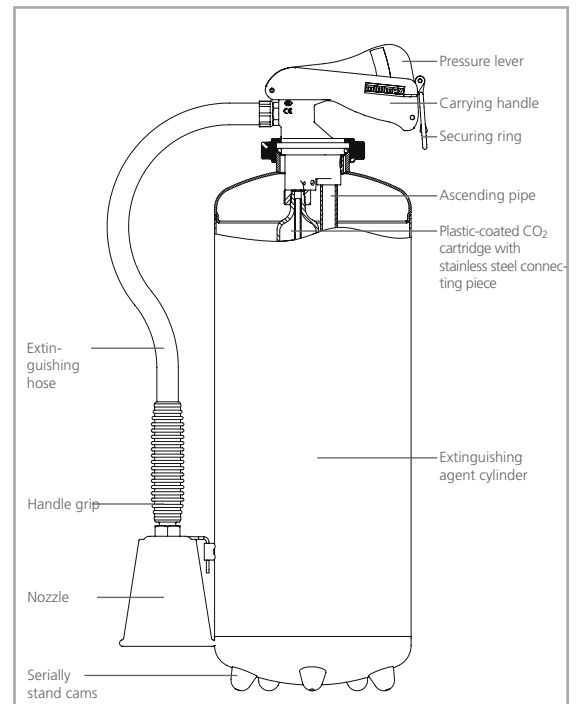
Press and then release the lever

- ▶ Grasp the hose, press the release lever all the way down and then release it again. A CO₂ gas cylinder inside the fire extinguisher builds up pressure and it is immediately available for use.

Press the lever to extinguish the fire

- ▶ Point the nozzle toward the fire and press the release lever again. Then begin to extinguish the fire systematically.

- ▶ In order to avoid operating errors, all fire extinguishers should be premises with the same operating controls. 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 the pressure lever is operated, a blade penetrates the sealing film on the propellant container and opens it. The propellant flows into the extinguisher container, mixes with the extinguishing powder and presses the powder via riser, powder hose and nozzle to the outside, forming a cloud.



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.
- ▶ 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 your local agent.
- ▶ Suitable for up to 1000 volt observing a minimum distance of 1m.

Recognition

EN 3

TECHNICAL DATA

Typ	Approval no.	Design	Exting.-agent quantity kg	Exting. agent	Propellant gas	Test pressure bar	Max. operating pressure (max. PS) at +60 °C approx. bar	Spraying time approx. s	Spraying range	Operating temperature °C	Fire classes / Rating* 	Dimensions			Weight without wall bracket approx. kg
												Height mm	Width mm	Ø mm	
PM 12G	SP 57/17	cartridge-operated fire extinguisher	12	Exting. powder for metal fires	Carbon dioxide	30	21	30	-	-20 to +60	3	620	310	190	20,0

* according to EN 3 ** according to ASR A2.2

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

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