

INSTRUCTIONS FOR USE

Portable powder extinguisher
AMPLLA SHIELD



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Portable powder extinguisher

Extinguisher: Amplla SHIELD

Type: TI62P4VSS under constant pressure

Extinguishing ability: 21A, 113 B, C

Operating temperature range: -30°C to +60°C

Extinguishing agent: 4 kg - Furex ABC Spezial extinguishing powder

Certificate: 202-173-B-00512-22

Manufacturer: Amplla a.s.
Šafaříkova 1737
529 01 Hlinsko
Czech Republic

Dealer: | stamp
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Service and revision: | stamp
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Date of first revision: _ _ . _ _ . _ _ _ _



PRODUCT FEATURES

A fire extinguisher is a pressure device which must be operated as a dedicated pressure and dedicated safety device. Its use is regulated outside these instructions by special regulations which, in their current version, override these instructions if they make the requirements for installation and use more stringent.

The Amplla SHIELD fire extinguisher contains the extinguishing agent ammonium dihydrogen phosphate and the exhaust gas nitrogen. The device is under a continuous pressure of 15 bar at a temperature of 20°C.

This extinguisher is designed to extinguish small and incipient fires. Use for other purposes and any changes in the design, filling or marking of the extinguisher are not permitted.

The manufacturer guarantees the quality and performance of the product only if the manufacturer's specified method of use, inspection and maintenance is followed.

The Amplla SHIELD fire extinguisher is equipped with a pictogram which indicates the function of the extinguisher, is an integral part of the extinguisher and must not be separated from the extinguisher. If it is replaced by a standard pictogram of larger dimensions in a prominent position, the pictogram may be detached from the extinguisher body.

The Amplla SHIELD extinguisher also includes a two-axis wall mount or manufacturer's sold and approved stands. Other placement of the extinguisher is not permitted and the manufacturer will not be liable for the product if such placement is used. The wall structure supporting the extinguisher may be a non-load bearing partition, but its construction and material composition, as well as the choice of anchors, must correspond to the load of the extinguisher, i.e. a weight of 12 Kg on a 600 mm arm + a random load of 50 Kg on the same arm.

The extinguisher is intended solely for fire-fighting purposes and may not be removed from the wall or from the stand for any other intended purpose, except for inspection and maintenance by an authorised and trained person. If the extinguisher is removed from the mount or stand by any other person and for any purpose other than its intended purpose, the equipment shall void the manufacturer's warranty.

The Amplla SHIELD fire extinguisher is flat, designed for vertical surfaces or stands. In case of deviation of the wall from the vertical axis, or in case of use of the extinguisher in mobile interiors such as cars, airplanes, or boats, the extinguisher must be placed on a special and dedicated holder with position locking. Tilting of the product away from the wall is not a defect of the product.



- SAFETY WARNINGS AND INSTRUCTIONS

- Read this entire manual carefully before installation/assembly, at the destination, or before first use.
- Pass this information on to other users of the extinguisher.
- Only hand over the extinguisher to third parties with this operating manual.
- It is the responsibility of the owner or user of the property or means of transport to train regular users and to allow casual users to know how to use the extinguisher and to prevent children from handling the extinguisher. The extinguisher shall not be handled independently and without proper training by a person under 18 years of age.
- The fire extinguisher shall be located in accordance with the relevant standards and in a number at least as specified in the separately prepared fire safety design of the building with an adequate fire extinguishing capacity that can be added up.
- No other objects shall be placed in front of or below the place where the extinguisher is placed which would restrict or make it difficult to remove from the wall bracket or stand.
- The extinguisher shall be kept clean by the responsible user or owner. It shall not be covered or moved and the markings shall remain legible. Do not use any aggressive cleaning agents or abrasives for cleaning.
- The container of the instrument is under constant pressure. The extinguisher must not be exposed to external forces, must not be forced open and must not be tampered with in any way other than for its intended purpose.
- Do not expose the extinguisher to direct sunlight or radiation. Do not expose the extinguisher to corrosive substances, water or moisture.
- Do not misuse the extinguisher for any purpose other than fire fighting.



- The extinguisher must be used in accordance with the operating instructions according to the pictograms on the type plate.
- Extra care must be taken when removing the extinguisher from the holder or stand. Handling this heavy object may cause injury to the user.
- The Amplla SHIELD extinguisher is designed to be grasped with one left hand. Caution, the apparatus is heavy. It can be carried vertically when moving. To extinguish it is necessary to keep it in a horizontal position (toroid vertical, handle horizontal). The right hand can also be used to keep it in the active position.
- The Amplla SHIELD extinguisher can also be used in the standard way, i.e. with both hands, but the nozzle must be pulled out with the right hand before gripping the extinguisher. The left hand holds the extinguisher and operates the valve and the right hand manipulates the nozzle.
- The extinguishing agent must not be directed at persons. Directing the powder stream into a person's face may damage vision and restrict, impair, or prevent breathing. Such consequences may lead to paralysis of the affected person, impairment of health, or even death. In case of eye or respiratory tract involvement, get medical attention immediately.
- Take care when handling the fire extinguisher as it is a heavy and solid object which, especially in the version equipped with a glass-breaking tip, can lead to injuries if handled carelessly.
- When using a fire extinguisher, keep a safe distance between the person intervening and the burning object. Move the extinguisher in an oscillating motion to disperse the powder evenly over the entire area of the fire or smoke source. Modulate the powder stream intermittently.
- When extinguishing, do not overestimate your strength and in any case call the fire brigade to the extinguished fire. As the fire burns, oxygen is consumed in the room by the fire and you may fall into a fainting spell due to lack of oxygen. When a fire burns, it often produces toxic, suffocating and poisonous fumes that can stun, render unconscious or even suffocate the person involved.



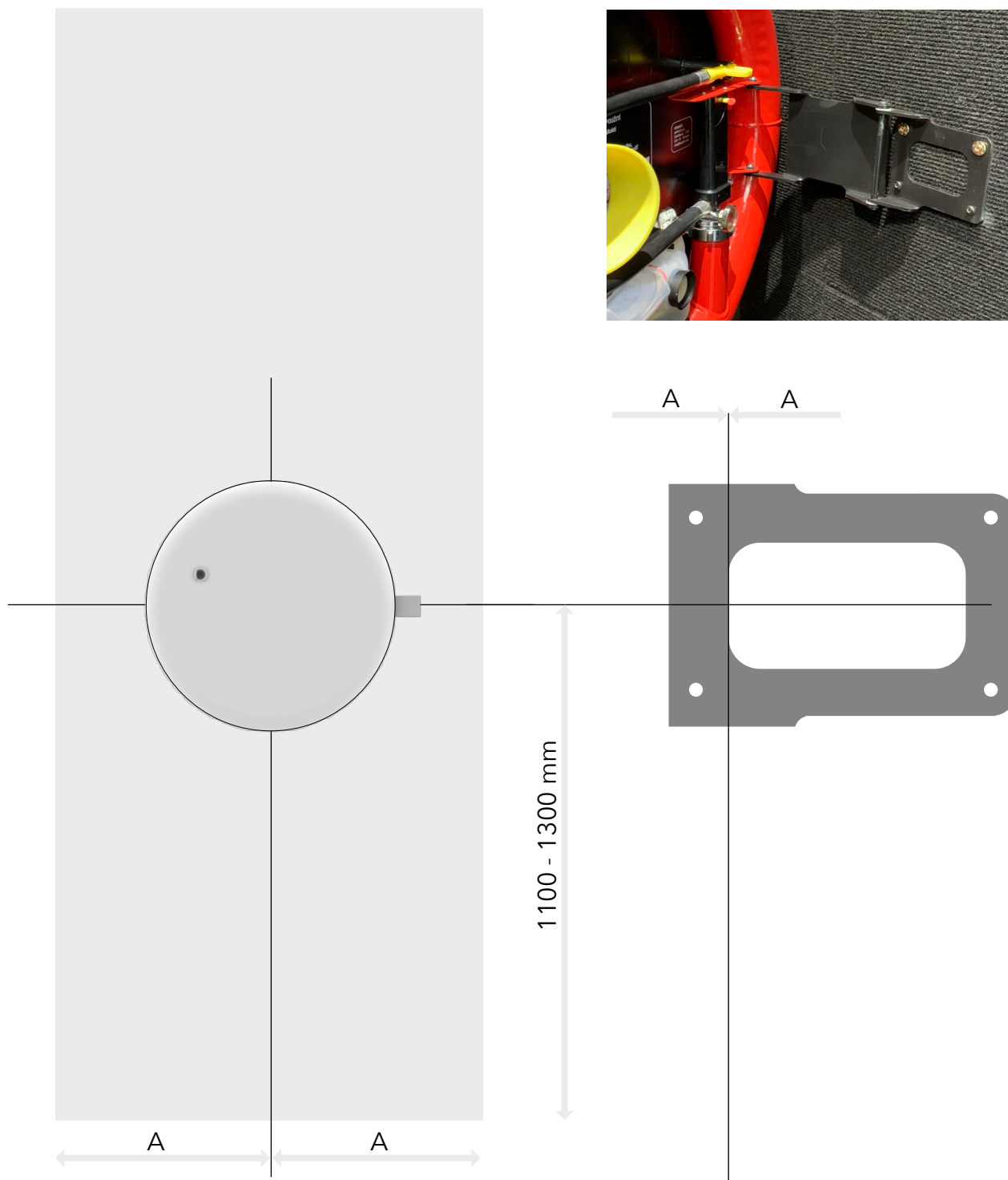
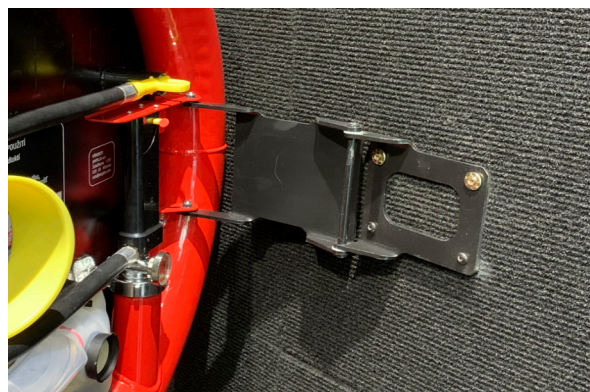
- Disassembly, opening of the extinguisher as well as servicing work may only be carried out by a person trained by the manufacturer. The manufacturer's service regulations always apply to the inspection and maintenance of the extinguisher.
- Only extinguishing agent, propellant and spare parts supplied by the manufacturer or approved by the manufacturer may be used in the repair and filling of the extinguisher.
- A damaged fire extinguisher or part thereof, and in particular a damaged or corroded container, may be dismantled only by a competent person trained by the manufacturer. Damage to the container must always be reported immediately to the manufacturer, dealer or inspection engineer.
- It is forbidden to carry out any modifications or repairs to the instrument vessel - e.g. soldering or welding.
- The extinguisher container may only be used as an extinguisher container.
- The waste from fire extinguishers may only be disposed of by a person authorised to dispose of waste.
- Inspection and servicing of the extinguisher is prescribed by the applicable legal regulations and standards and may only be carried out by a trained and qualified person.
- The manufacturer prescribes a monthly pressure check by the user or owner, a revision inspection every 366 days at the latest and an internal inspection of the tank and replacement of the valve, extinguishing agent and propellant every 5 years at the latest.
- The service life of the fire extinguisher, i.e. the assembly of the toroidal tank, valve, riser tube, pressure gauge, hose, nozzle is 5 years. The service life of the pressure vessel is 20 years and is calculated from the date of manufacture permanently stamped on the vessel.



- INSTALLATION OF THE DEVICE

- The installation of the extinguisher may only be carried out in accordance with the applicable fire protection regulations in an environment outside the weather and corresponding to the approved temperature range indicated on the type plate of the extinguisher.
- The extinguisher shall be located in a clearly visible and accessible location and shall only be installed on the original manufacturer's approved bracket or stand. When mounted on a wall or vertical structure, the handle of the extinguisher shall be positioned at a maximum height of 1,5 m above the floor, optimally with the axis 1200 mm above the adjacent floor.
- The extinguisher shall not be exposed to the risk of mechanical damage, aggressive chemicals, direct sunlight or heating elements.
- The extinguisher or bracket shall be mounted on the wall using anchors appropriate to the wall construction and the load exerted on the hanger by the weight of the extinguisher on the 600 mm arm and a random load of not more than 50 Kg on the same arm.
- The extinguisher bracket shall be anchored horizontally with all screws or bolts. No projection or obstruction on the wall shall prevent the fire extinguisher from being swung out of the bracket or suspended. Ensure that no objects, such as doors and the like, impinge on the extinguisher.
- Once installation is complete, the manufacturer requires the extinguisher position to be photographed and uploaded to the manufacturer's server by referencing the QR code on the body of the extinguisher below the valve. The second photo shows the position of the gauge with a shot of the QR code under the gauge. The moment the photos are uploaded, the inspection of the device is complete and it is ready for operation. Without the confirmation of the owner or user of the premises, the introduction of a responsible service technician and contact details for the persons mentioned, this is not a manufacturer approved device and is therefore not covered by the warranty.

The installation of the Amplla extinguisher and its accessories should preferably be left to a professional contractor. In the case of self-installation, take particular care to position it at the correct height for the height of the persons (1200 mm from the floor is the most universal) and to ensure the quality of the anchoring of the top screws. This must be chosen appropriately for the type of structure on which the equipment is installed. Ensure that the bracket is positioned horizontally on the wall.





METHOD OF USE

Amplla SHIELD fire extinguishers may only be used by physically and mentally fit persons over 18 years of age who are familiar with their operation.

The Amplla SHIELD extinguisher may only be used to extinguish the class of fire indicated on the extinguisher's type plate. The procedure for using the extinguisher is also shown and described on the type plate.

The extinguishing of live electrical equipment is only permissible if this is indicated on the type plate, together with restrictive conditions which must be observed for safety reasons.

When using fire extinguishers, protect eyes and skin from contact with the extinguishing agent.

CONTENTS OF PACKAGING

The Amplla extinguisher box always contains a complete filled and pressurized working extinguisher with the first output revision.

The package always includes a wall bracket with screws, but no anchors or dowels. These must be selected appropriately according to the supporting structure. The bracket does not need to be included if a free-standing stand is included.

These instructions are also included in the box. If additional equipment is also included, this is stored in the extinguisher body if possible (breathing mask, E4E BAG). Other equipment is supplied in a separate package (stands, pads, etc.).

If the package does not contain the components listed or the ordered parts of the extra equipment, or if your extinguisher is not configured according to your order, please contact your Ampllo distributor.

Contact details are given at the beginning of this document.



STEP-BY-STEP APPLICATION PROCEDURE

1. If it is necessary to use the Amplla SHIELD extinguisher, pull the red pictogram protruding from the circular body of the extinguisher on the right side.
2. Swing the extinguisher away from the wall or stand.
3. If the apparatus is equipped with a breathing filter mask, remove the mask from the apparatus, tear the vacuum packing and put the mask on. If it is a nose and mouth mask, it can be held with the right hand without putting it on.

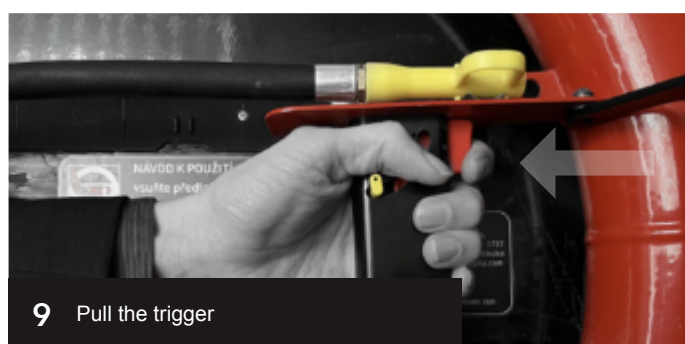
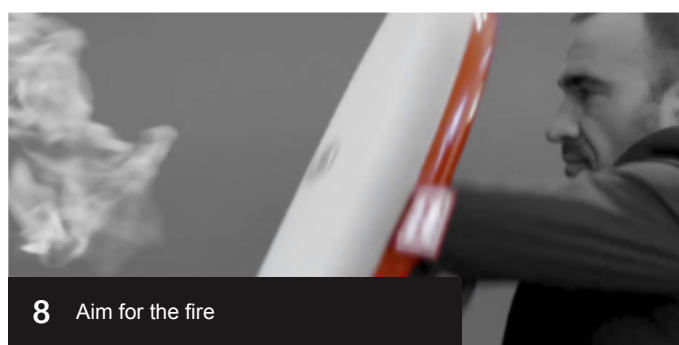
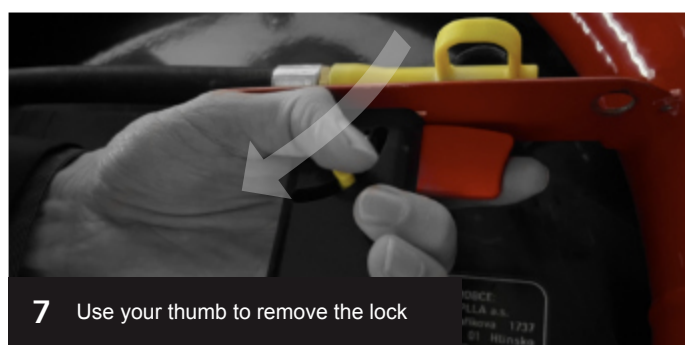
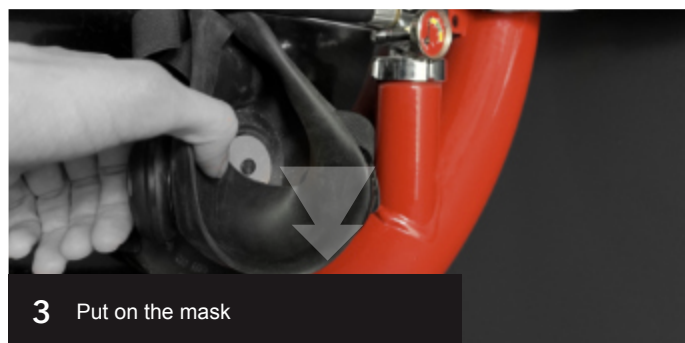
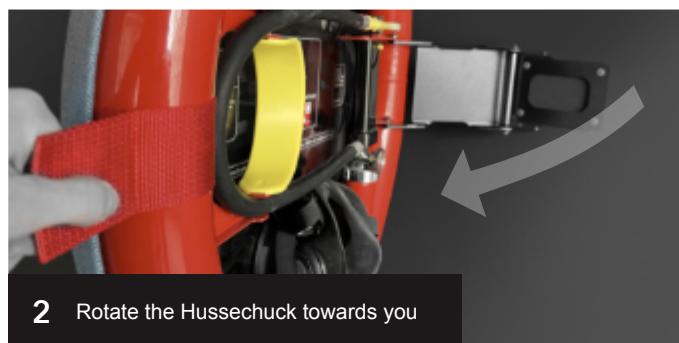
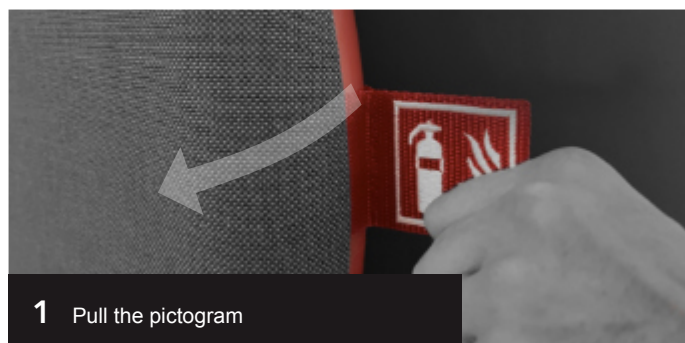
Decide whether you want to extinguish with one or both hands.

4. For two-handed extinguishing, first pull the yellow nozzle and hose out with your right hand, then push the yellow arc arm through with your left hand.
5. Push the left arm through the yellow arc stock.
6. Grasp the extinguisher firmly by the handle. Remove the extinguisher from the holder by moving the left hand upwards. If necessary, use your right hand to assist you.

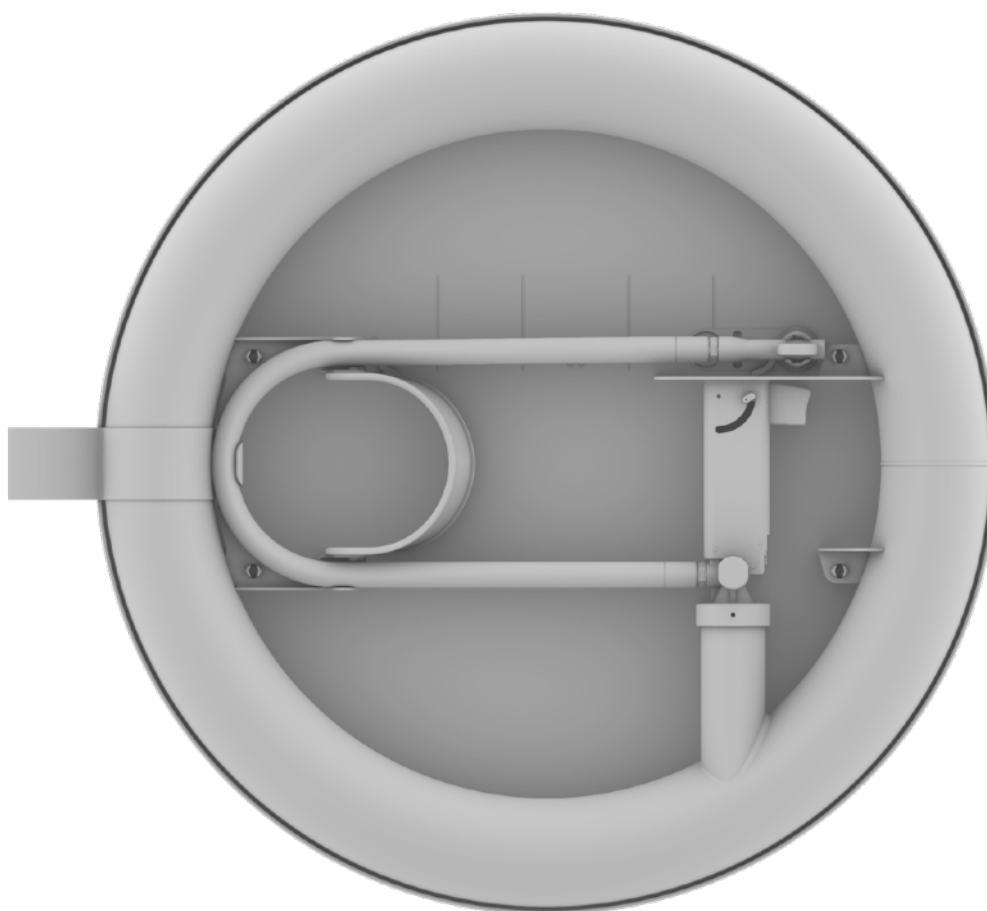
When transporting the extinguisher to the fire, it can be carried vertically along the body.

Bring the hold to a horizontal position before extinguishing.

7. Move the thumb downwards to release the safety catch. The seal will be broken when the safety is released.
8. Aim the nozzle at the source of the fire.
9. Press the trigger with the index finger.
10. Interrupt the flow of powder and use an oscillating motion to disperse the powder so that it covers the entire burning area.



- When extinguishing, it is necessary to take a suitable position with regard to the wind direction and your own protection from radiant heat or combustion fumes. Do not get too close to the fire. Try to act calmly and sensibly.
- Haste solid combustible substances from below with intermittent sprays. Fan flammable liquids. In the event of a fire in the engine compartment of a car, carefully open the bonnet and hose the fire through the gap. The one-handed version works well here.
- When extinguishing, oscillate the nozzle to cover as much of the fire and smoke source as possible. Haste intermittently.
- ALWAYS report the use of the extinguisher to the fire department, the review engineer and the manufacturer.





WARRANTY LETTER

Portable powder extinguisher

Fire extinguisher: Amplla SHIELD
Type: TI62P4VSS under constant pressure
Extinguishing agent: 4 kg - Furex ABC Spezial extinguishing powder
Certificate: 202-173-B-00512-22

Date of sale: ____ . ____ . ____

Date of first revision: ____ . ____ . ____

Serial Number: 122 ____

Instrument serial numbers	2: 12 ____	3: 12 ____
located on one	4: 12 ____	5: 12 ____
address and in one van	6: 12 ____	7: 12 ____
covered	8: 12 ____	9: 12 ____
joint guarantee	10: 12 ____	11: 12 ____
(maximum 15 units per	12: 12 ____	13: 12 ____
warranty card)	14: 12 ____	15: 12 ____

Seller: | stamp and signature
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|
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Service and revision: | stamp and signature
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A snapshot of the installation and pressure gauge with the QR code of the instrument must be taken and stored with the manufacturer on the date of installation, otherwise the claim cannot be accepted by the manufacturer.