

Use and Maintenance User Manual

BIOGENESIS



Biogenesis S.r.l.
www.bio-genesis.it

Portable Fire Extinguisher, 6 Kg ABC Powder



European
Green
Deal

100% SUSTAINABLE POWDER

To reach zero climate impact in Europe
within 2050



This powder has achieved certification
by **Milieukeur** as eco-friendly product
in accordance of European Green Deal

- **CYLINDER**
In high-strength alloy steel,
3 pieces drawing, external powder
painting Red Ral 3000.
- **EXTINGUISHING AGENT**
Regenerated ABC Powder
MAP 30 %.
- **PROPELLANT**
Dehumidified air or nitrogen (N₂).
- **VALVE**
M. 30x1.5, brass body, levers with
red painting Ral 3000.
- **USE**
A B C fire rating
(solid materials, flammable liquids,
flammable gas).

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Note: image is for illustrative purpose only, the product purchased can has some difference

6 Kg powder fire extinguisher, temperature range from -30°C to +60°C, manufactured in accordance to **UNI EN 3-7 (D.M. 7.1.2005)**, approved Marine Equipment Directive **MED 2014/90/EU**, certified according to the directive for pressure equipment PED 2014/68/EU. Manufactured according at productions checks as agreed with **EN 3-10**. Quality Product certification guaranteed by Bureau Veritas Italia. Suitable for use on fire involving electrical voltages up to 1'000 V, at a distance of 1 meter.

APPROVED/CERTIFIED FIRE EXTINGUISHER:



MPA
Dresden



EN 3-10
Inspection Certificate
N° 55840/21/NMI/nmj



**FIRE
RATING :**

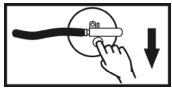


Portable Fire Extinguisher, 6 Kg ABC Powder

TECHNICAL SPECIFICATIONS

FIRE RATING	34 A 233 B C
EXTINGUISHING AGENT	Regenerated ABC Powder - MAP 30 % (NTL30 - New Tech Lab)
PROPELLANT	Dehumidified air or Nitrogen (N ₂), 15 bar at 20°C
TEMPERATURE RANGE	-30°C / +60°C
NOMINAL CHARGE	6 Kg
FULL WEIGHT	~ 9,5 Kg
DIMENSIONS	Height (base - valve) 510 +/- 5 mm Diameter (cylinder) 160 +/- 2 mm
DISCHARGE TIME	~ 21,1 seconds

MODALITY OF USE



1) REMOVE SAFETY PIN



2) HOLD THE HOSE



3) SQUEEZE GRIP LEVER



4) AIM THE JET AT BASE OF FIRE

Follow the instructions present on the marking label.

ATTENTION: Do not direct the jet at people. If you're dispensing in close spaces, then ventilate the room. The fire extinguisher can be used on fire involving electrical voltages up to 1'000 V, at a distance of 1 meter.

INSTALLATION AND COMMISSIONING

The installation of the fire extinguisher must be performed according to the rules in force. The fire extinguisher have to be installed in a safe and stable support, with a gripping at a maximum recommended height of 110 cm.

The fire extinguisher must be free of obstructions and marked by an appropriate identifying label. It is recommended to install it in a dry place, protected from the atmospheric agents.

It is recommended the installation of water-based fire extinguishers for close spaces.

The commissioning of the fire extinguisher for the protection of the area must be carried out by qualified personnel according to the rule in force within 6 months from the date of production and/or placing on the market, reported in the declaration of conformity released by the producer.

MAINTENANCE PERIODS FOR EFFICIENCY GUARANTEES

The maintaining of the product efficiency have to be carried out from the responsible person.

It is recommended a visual check of the efficiency state every three months since the commissioning time apart if there are different dispositions.

It is advisable to : verify that the fire extinguisher would be in a correct position, safe and stable, free from impediment for the use; identify the fire extinguisher with an appropriate identification sign; make sure of its structural integrity and that is free from any damage; check that the original documentations is available.

Any restoration operations and instrumental checking have to be realized exclusively by qualified personnel who possess the necessary documentations to maintain the constancy of the product performance.

Any tampering or intromission by unauthorized personnel voids the product warranty.