

# Technical Manual



SAFETY  
FOR  
FUTURE



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## 21065-32 : Portable Fire Extinguisher, 6 Kg ABC Powder



- **CYLINDER**  
Stainless steel, 3 pieces drawing, external powder painting Red Ral 3000.
- **EXTINGUISHING AGENT**  
ABC Powder - MAP 20 %.
- **PROPELLANT**  
Dehumidified air or nitrogen (N<sub>2</sub>).
- **VALVE**  
Not magnetic M. 30x1.5, brass body, inox levers, specific for low magnetic conductivity fire extinguisher.
- **USE**  
A B C fire rating  
(solid materials, flammable liquids, flammable gas).
- **BRACKET**  
Wall mounting for valve, pvc material.

**NOTE:**  
Fire extinguisher built with low magnetic conductivity components.

*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)**, 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 minimum distance of 1 meter.

APPROVED/CERTIFIED FIRE EXTINGUISHER:



**FIRE  
RATING :**



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REPRODUCTION IS PROHIBITED

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## • INSTALLATION

The installation must be carried out in accordance with the provisions in force in the country where the device is used.

## • USE

The commissioning and maintenance activities for maintaining efficiency must be carried out in accordance with the document **EPP\_1\_ENG** by qualified technical personnel and in compliance with the regulations in force in the country of use.

## • MAINTENANCE

Any tampering or intervention carried out by unqualified personnel will void the product warranty.

It is recommended to place the device in a dry place protected from atmospheric agents.

## TECHNICAL SPECIFICATIONS

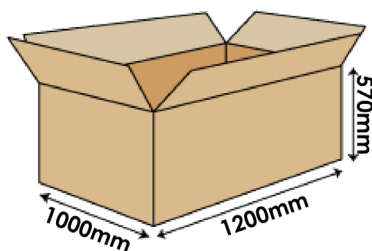
FIRE RATING	55 A 233 B C
EXTINGUISHING AGENT	ABC powder - MAP 20 % (ABC Favorit Tertia - Rühl)
PROPELLANT	Dehumidified air or Nitrogen (N <sub>2</sub> ), 15 Bar at 20°C
TEMPERATURE RANGE	-30°C / +60°C
NOMINAL CHARGE	6 Kg
FULL WEIGHT	~ 8,8 Kg
DIMENSIONS	Height (base - valve) 530 +/- 5 mm Diameter (cylinder) 160 +/- 2 mm
DISCHARGE TIME	~ 18,7 seconds
CYLINDER PRESSURE TEST	PT 27 bar
CYLINDER VOLUME	7,8 Liters
SAFETY DEVICE	Set between 20 and 24 bar
CYLINDER MATERIAL	Stainless steel AISI 304
TREATMENT	Outside: Sandblast and powder painting, Ral 3000

## PACKAGING

(Note: quantities and measurements are indicative and can be subject at changes)

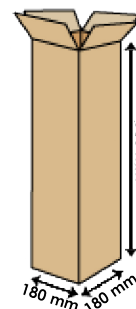
### STANDARD

Maximum nr. 100 pieces for pallet  
(44 pieces for box, max 2 boxes for pallet)  
(12 pieces. single packaging )  
Pallet dimensions 100x120x160(h) cm



### ON REQUEST: SINGLE PACKAGING

- maximum 64 pieces on pallet 100x120  
- maximum 48 pieces on pallet 80x120



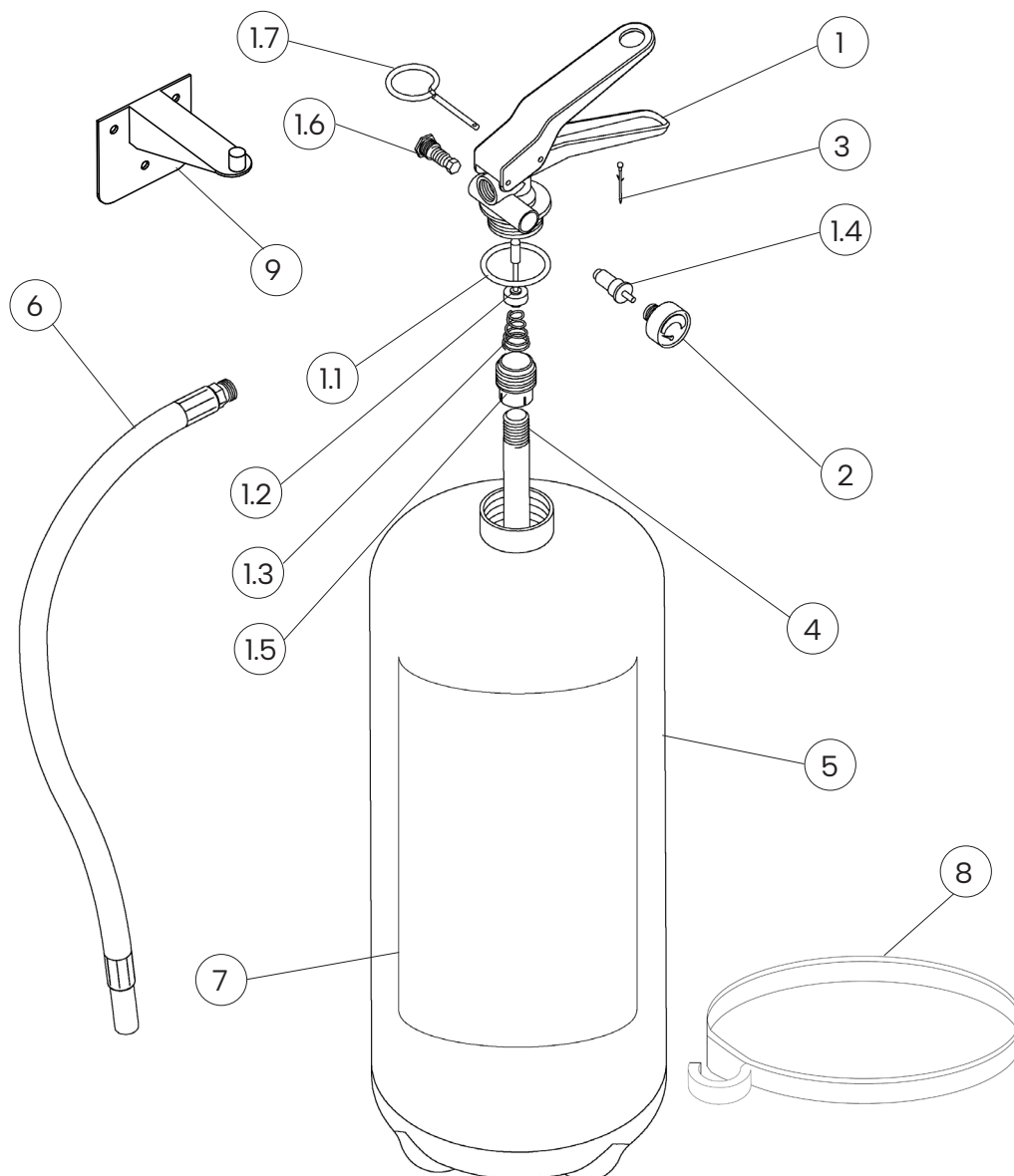
## TRANSPORT DISPOSAL

Land transport : Exemption for the purposes of ADR disposal 594  
Ship Transport : IMDG Code - UN 1044 class 2.2 Fire Extinguishers

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## COMPONENTS AND SPARE PARTS LIST



NUM.	DESCRIPTION	CODE
1	Valvola M. 30x1.5	0212C-1
1.1	O-ring valve	0201C
1.2	Valve stem	n.a.
1.3	Internal spring of the valve	n.a.
1.4	Test valve for pressure gauge	n.a.
1.5	Dip tube holder	n.a.
1.6	Safety device	n.a.
1.7	Safety pin	0282AC
2	Pressure gauge	0271-1
3	Safety pin seal	0285

NUM.	DESCRIPTION	CODE
4	PVC dip tube	0154
5	Cylinder	1849
6	Hose	0292-2
7	Label	0055-32
8	Stop hose ring	0301
9	Wall bracket PVC black	0323

The spare part at number 1 includes already all others components indicated from 1.1 to 1.7  
"n.a." mean that the component is not available as single spare part

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