

# Technical Manual



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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.

REPRODUCTION IS PROHIBITED

*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 :**



55

233



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

- **INSTALLATION**
- **USE**
- **MAINTENANCE**

The installation and the control and/or recovery operations of fire extinguisher must be performed by qualified technician and in accordance to current regulations on the matter.

The technician will carry out **annual inspection** for check the internal pressure and after all other steps planned during the fire extinguisher useful life.

Any tampering or operation performed by unqualified technician, void the product warranty.

If possible, is recommended to place fire extinguisher in a dry place, protected from atmospheric agents.

**For installation, use and maintenance follow as indicated in file : EPP\_1\_ENG**

## TECHNICAL SPECIFICATIONS

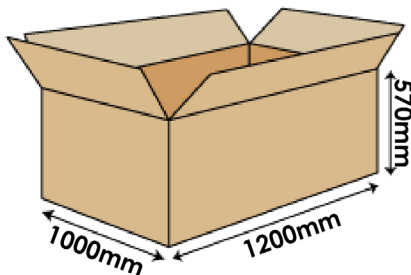
FIRE RATING	55 A 233 B C
EXTINGUISHING AGENT	ABC powder - MAP 20 % (ABC Favorit Tertia - Rühl)
PROPELLANT	Dehumidified air or Nitrogen (N <sub>2</sub> ), 15 bar at 20°C
TEMPERATURE RANGE	-30°C / +60°C
NOMINAL CHARGE	6 Kg
FULL WEIGHT	~ 8,8 Kg
DIMENSIONS	Height (base - valve) 530 +/- 5 mm Diameter (cylinder) 160 +/- 2 mm
DISCHARGE TIME	~ 18,7 seconds
VALVE TIGHTENING TORQUE	Minimum 45 Nm, Maximum 68 Nm
CYLINDER PRESSURE TEST	PT 27 bar
CYLINDER VOLUME	7,8 L.
SAFETY DEVICE	Set between 20 and 24 bar
CYLINDER MATERIAL	Stainless steel
TREATMENT	Outside: Sandblast and powder painting, Ral 3000

## PACKAGING

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

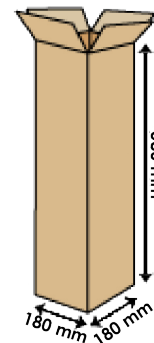
### **STANDARD**

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

Land transport : Exemption for the purposes of ADR disposal 594

## DISPOSAL

Ship Transport : IMDG Code - UN 1044 class 2.2 Fire Extinguishers

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## COMPONENTS AND SPARE PARTS LIST

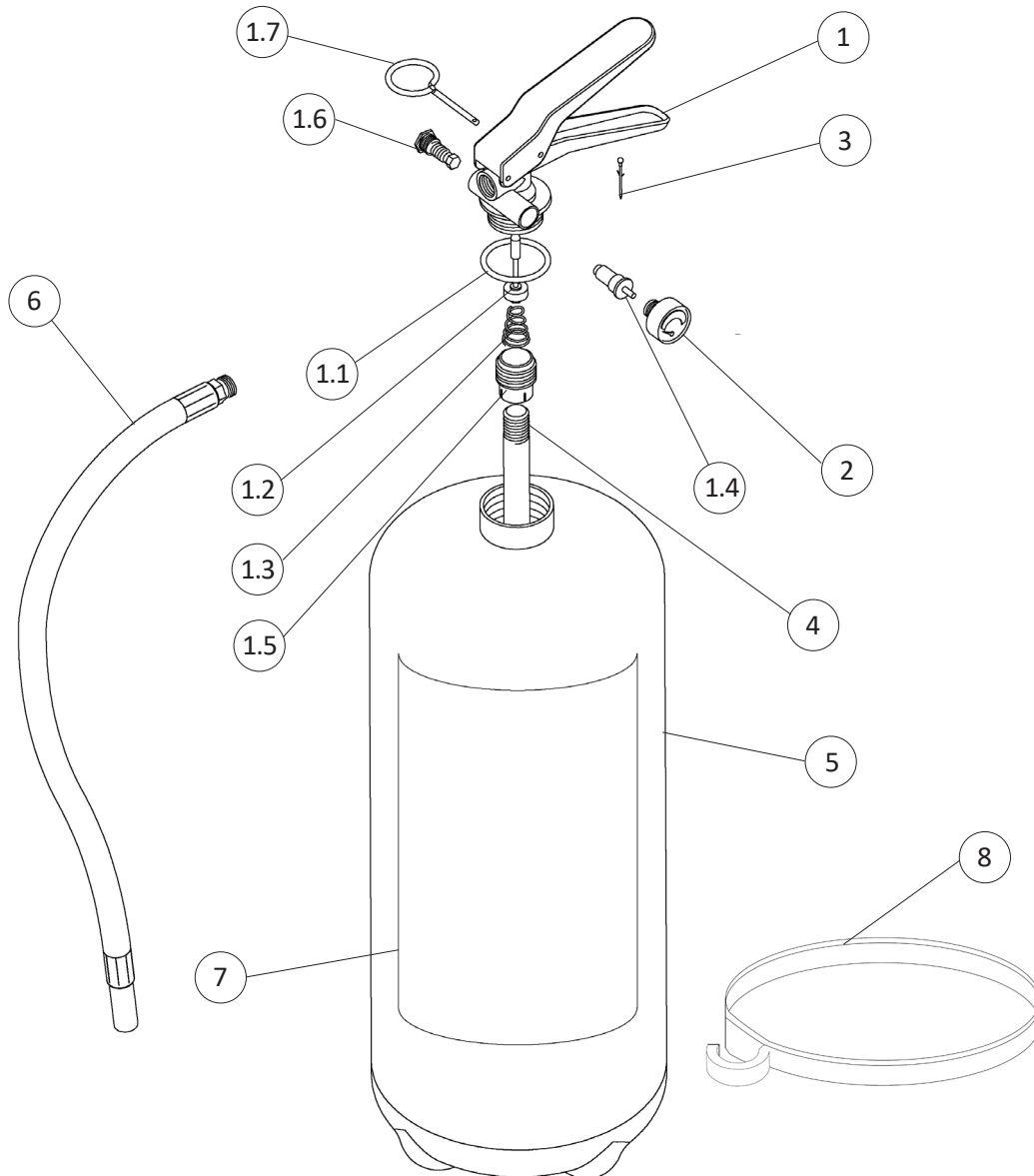


Table 1

NUM.	DESCRIPTION	CODE	NUM.	DESCRIPTION	CODE
1	Valve M. 30x1.5	0212C-1	3	Safety pin seal (green)	0285
1.1	O-ring valve	0201C	4	PVC dip tube	0154
1.2	Valve stem	n.a.	5	Cylinder	1849
1.3	Internal spring of the valve	n.a.	6	Hose	0292-2
1.4	Test valve for pressure gauge	n.a.	7	Label	0055-32
1.5	Dip tube holder	n.a.	8	Stop hose ring	0301
1.6	Safety device	n.a.			
1.7	Safety pin	0282AC			
2	Pressure gauge	0271-1			

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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