

# Technical Manual



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## 21065-3 : Portable Fire Extinguisher, 6 Kg ABC Powder



ON REQUEST  
cylinder with clip,  
code:  
21065-35

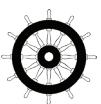


- **CYLINDER**  
In high-strength alloy steel, deep drawing, external powder painting Red Ral 3000.
- **EXTINGUISHING AGENT**  
ABC Powder – MAP 20 %.
- **PROPELLANT**  
Dehumidified air or nitrogen (N<sub>2</sub>).
- **VALVE**  
M. 30x1.5, brass body, levers with red painting Ral 3000.
- **USE**  
A B C fire rating  
(solid materials, flammable liquids, flammable gas).

*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 minimum distance of 1 meter.

APPROVED/CERTIFIED FIRE EXTINGUISHER:



**FIRE  
RATING :**



55



233



✓

REPRODUCTION IS PROHIBITED

| File name                | Type of document | Fire Extinguisher Model | Date       | Rele. | Check | Rev. | Pag. |
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# 21065-3 : Portable Fire Extinguisher, 6 Kg ABC Powder

## • INSTALLATION

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.

## • USE

## • MAINTENANCE

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            | ~ 9,4 Kg                                                               |
| DIMENSIONS             | Height (base - valve) 540 +/- 5 mm<br>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 26 bar                                              |
| CYLINDER MATERIAL      | Steel alloy                                                            |
| TREATMENT              | Outside: Sandblast and powder painting, Ral 3000                       |

## PACKAGING

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

### STANDARD

Maximum nr. 80 pieces for pallet

Pallet dimensions: 120 x 80 cm

- At the customer's request: max. 99 items per pallet

### ON REQUEST: SINGLE PACKAGING

- maximum 99 pieces on pallet 120x80

- maximum 32 pieces on pallet 60x80

## TRANSPORT DISPOSAL

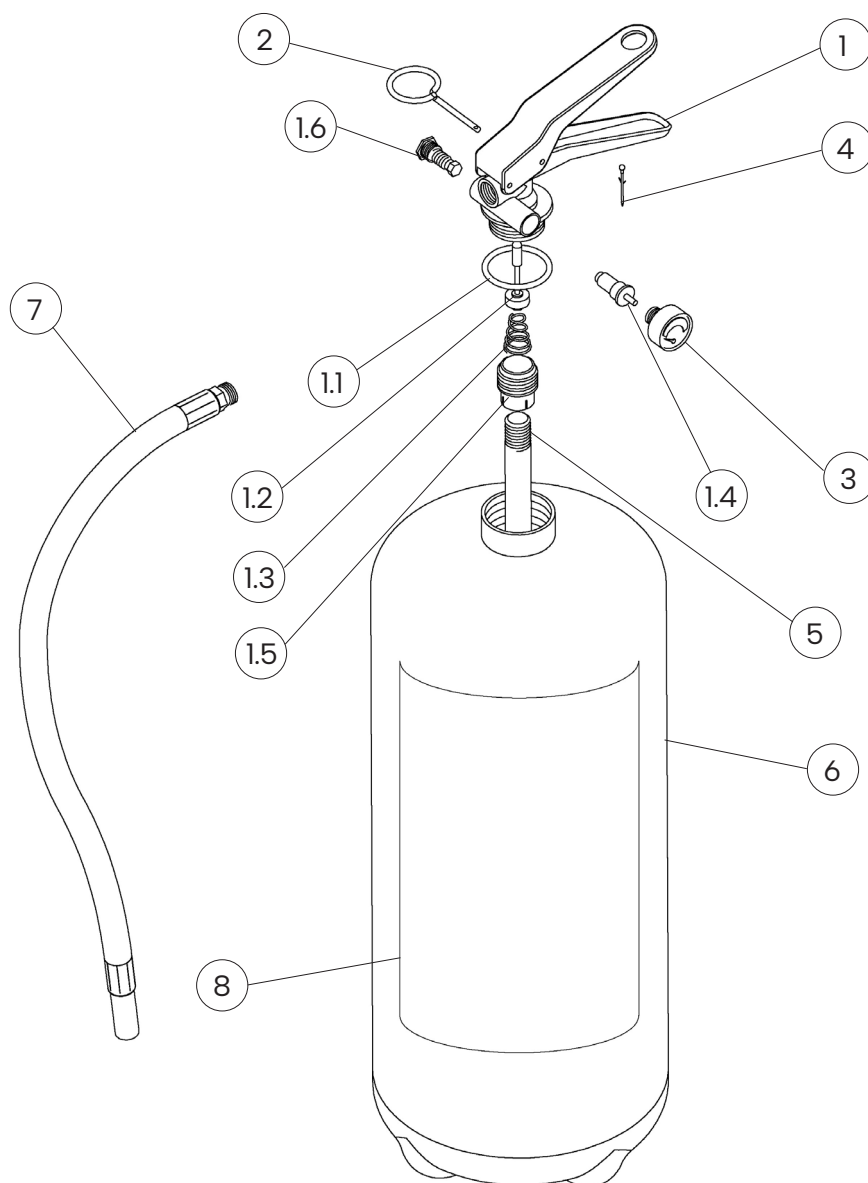
Land transport : Exemption for the purposes of ADR disposal 594

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             | 0212   |
| 1.1  | O-ring valve                  | 0201R  |
| 1.2  | Valve stem                    | 0242R  |
| 1.3  | Internal spring of the valve  | 0251R  |
| 1.4  | Test valve for pressure gauge | 1163   |
| 1.5  | Dip tube holder               | 0253R  |
| 1.6  | Safety device                 | 0261R  |
| 2    | Safety pin                    | 0282-1 |
| 3    | Pressure gauge                | 0271-1 |
| 4    | Safety pin seal               | 0285   |

| NUM.     | DESCRIPTION                                          | CODE   |
|----------|------------------------------------------------------|--------|
| 5        | PVC dip tube                                         | 0154   |
| 6        | Cylinder (21065-3)                                   | 0104   |
|          | Cylinder with clip (21065-35)                        | 0104-3 |
| 7        | Hose                                                 | 0292   |
| 8        | Label                                                | 0055-3 |
| OPTIONAL | Iron marine bracket red painting                     | 0316   |
| OPTIONAL | Stainless steel marine bracket                       | 1464   |
| OPTIONAL | Wall-mounted bracket for fire extinguisher with clip | 3036   |

*The spare part at number 1 includes already all others components indicated from 1.1 to 1.6*

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