

Technical Manual



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12119 : Wheeled Fire Extinguisher, 100 Kg D Powder



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

- **CYLINDER**
In high-strength alloy steel, external powder painting Red Ral 3000.
- **EXTINGUISHING AGENT**
D powder .
- **PROPELLANT**
Dehumidified air or nitrogen (N₂).
- **VALVE**
2"-F , brass body, lever with red painting Ral 3000.
- **USE**
D fire rating
(fires arising from metals).
- **BRACKET**
Chassis on wheels, welded at the cylinder, red painting Ral 3000.

REPRODUCTION IS PROHIBITED

100 Kg powder wheeled fire extinguisher, temperature range from -30°C to +60°C, manufactured in accordance to **UNI EN 1866-1**, certified according to the directive for pressure equipment PED 2014/68/EU. 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 m.

APPROVED/CERTIFIED FIRE EXTINGUISHER:



FIRE RATING :



| File name | Type of document | Fire Extinguisher Model | Date | Rele. | Check | Rev. | Pag. |
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- **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** The technician will carry out annual inspection for check the internal pressure
- **MAINTENANCE** 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 : CPP_1_ENG

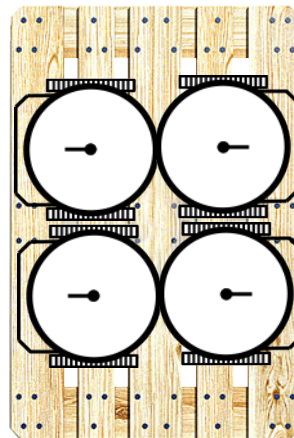
TECHNICAL SPECIFICATIONS

| | |
|------------------------|---|
| FIRE RATING | D |
| EXTINGUISHING AGENT | D powder |
| PROPELLANT | Dehumidified air or Nitrogen (N ₂), 15 Bar at 20°C |
| TEMPERATURE RANGE | -30°C / +60°C |
| NOMINAL CHARGE | 100 Kg |
| FULL WEIGHT | ~ 146 Kg |
| DIMENSIONS | Height 1265 +/- 10 mm; Width 560 +/- 10 mm Depth 540 +/- 15 mm |
| DISCHARGE TIME | ~ 61 seconds |
| CYLINDER PRESSURE TEST | PT 30 bar |
| CYLINDER VOLUME | 102 L |
| SAFETY DEVICE | Set between 21 and 26 bar |
| CYLINDER MATERIAL | Alloy 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. 4 pieces for pallet
Pallet dimensions 100x120x145(h) cm



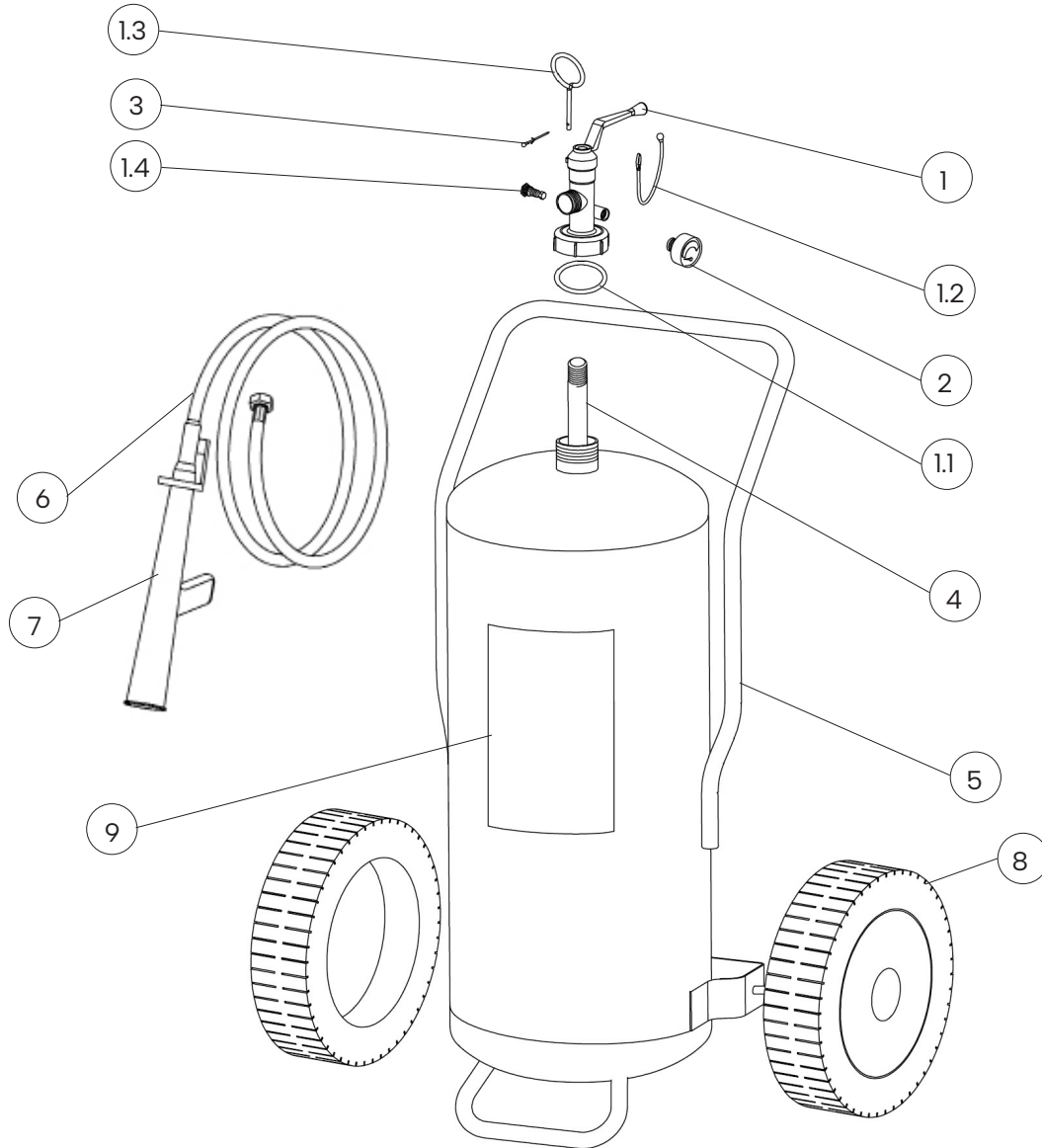
TRANSPORT DISPOSAL

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 | Valve type lever, 2''-F | 0214R |
| 1.1 | O-ring valve | 0203 |
| 1.2 | Rubber link | 0286 |
| 1.3 | Safety pin | 0283R |
| 1.4 | Safety device | 0263R |
| 2 | Pressure gauge | 0271-1 |
| 3 | Safety pin seal | 0285 |
| 4 | PVC dip tube | 0165 |
| 5 | Cylinder | 18311 |

| NUM. | DESCRIPTION | CODE |
|------|---|---------|
| 6 | Hose | 18422 |
| 7 | Dispensing nozzle (complete of ball valve with control lever) | 2181-1 |
| 8 | Wheel (diam. 400mm) | 0125 |
| | Thick washer | 2148-10 |
| | Cotter pin stop wheel | 9443 |
| 9 | Label | 0073-1 |

The spare part at number 1 includes already all others components from 1.1 to 1.4

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