

Technical Manual



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23052-1 - Emme 5 : Portable Fire Extinguisher, 5 Kg Carbon Dioxide



- **CYLINDER**
Aluminum alloy AA6061, external powder painting, color Red Ral 3000.
- **EXTINGUISHING AGENT**
Carbon Dioxide 99,99 % (CO₂) .
- **VALVE**
CPF M. 25x2, brass body, lever red RAL 3000.
- **USE**
Fire Rating class B (flammable liquids).

REPRODUCTION IS PROHIBITED

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

5 Kg Carbon Dioxide Fire Extinguisher, temperature range from -20°C to +60°C, manufactured in accordance to **UNI EN 3-7 (D.M. 7.1.2005)**, approved by 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 :



113

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23052-1 – Emme 5 : Portable Fire Extinguisher, 5 Kg Carbon Dioxide

• 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 charge 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 : EPC_1_ENG

TECHNICAL SPECIFICATIONS

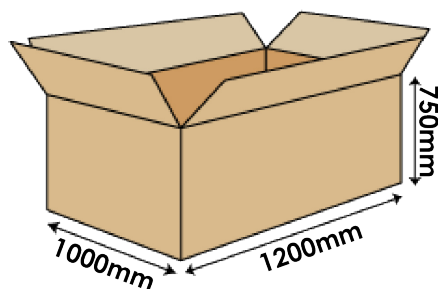
| | |
|------------------------|--|
| FIRE RATING | 113 B |
| EXTINGUISHING AGENT | Carbon Dioxide 99,99 % (CO ₂) |
| TEMPERATURE RANGE | -20°C / +60°C |
| NOMINAL CHARGE | 5 Kg |
| FULL WEIGHT | ~ 12,0 Kg |
| DIMENSIONS | Height (base - valve) 670 +/- 5 mm Diameter (cylinder) 152 +/- 2 mm |
| DISCHARGE TIME | ~ 15 seconds |
| CYLINDER PRESSURE TEST | PT 212 bar |
| CYLINDER VOLUME | 7,5 L |
| SAFETY DEVICE | Set at 195 +15/-23 bar |
| CYLINDER MATERIAL | Aluminum alloy AA6061 |
| TREATMENT | Outside: Sandblast and powder painting, Ral 3000 |

PACKAGING

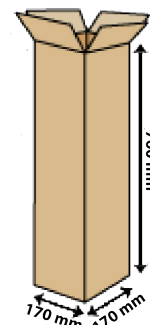
(Note: quantities and measurements are indicative and can be subject at changes)

STANDARD

Maximum nr. 48 pieces for pallet
(48 pieces for box, 1 box for pallet)
Pallet dimensions 100x120x100(h) cm



ON REQUEST: SINGLE PACKAGING

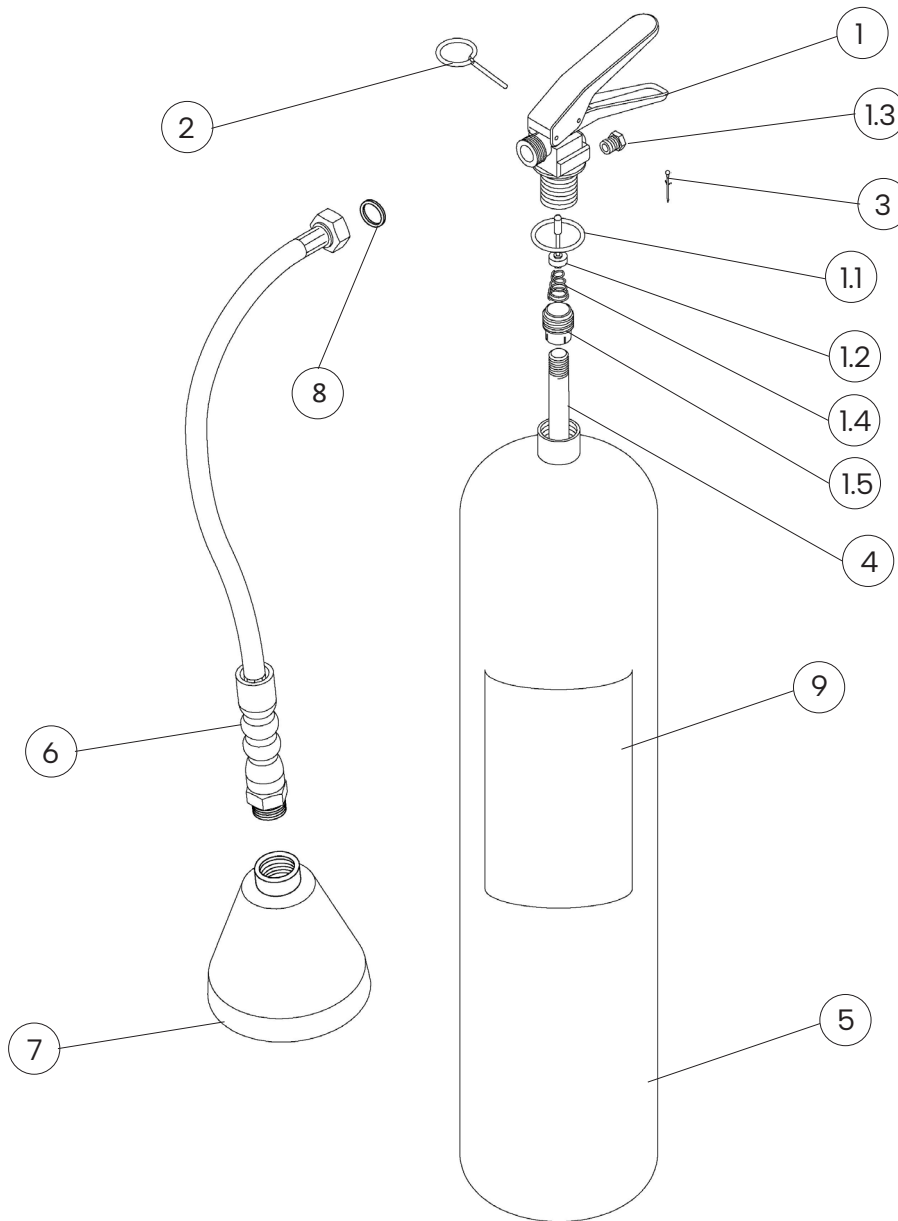


TRANSPORT DISPOSAL

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 M. 25x2 | 0213C-1 |
| 1.1 | O-ring valve | 0202 |
| 1.2 | Valve stem | 0243C |
| 1.3 | Safety device | 0262C |
| 1.4 | Internal spring of the valve | n.a. |
| 1.5 | Dip tube holder | n.a. |
| 2 | Safety pin | 0282-1 |
| 3 | Safety pin seal | 0285 |
| 4 | Aluminum dip tube | 0159-1 |

| NUM. | DESCRIPTION | CODE |
|----------|----------------------------------|---------|
| 5 | Cylinder | 0109 |
| 6 | Hose SAE 100 R1 T ½" | 0294 |
| 7 | Dispensing horn | 0332-42 |
| 8 | Gasket in nylon | 0204 |
| 9 | Label | 0063 |
| OPTIONAL | Iron marine bracket red painting | 1429 |

The spare part at number 1 includes already all others components indicated from 1.1 to 1.5

"n.a." mean that the component is not available as single spare part

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