

Technical Manual



SAFETY
FOR
FUTURE



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23020-7 : Portable Fire Extinguisher, 2 Kg Carbon Dioxide



OPTIONAL
Adapter with clip

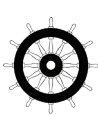


- **CYLINDER**
Alloy steel, external powder painting, color Red Ral 3000.
- **EXTINGUISHING AGENT**
Carbon Dioxide 99,99 % (CO₂) .
- **VALVE**
CPF M. 25x2, brass body, lever red RAL 3000.
- **USE**
Fire Rating class B (flammable liquids).

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

2 Kg Carbon Dioxide Fire Extinguisher, temperature range from -30°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 :**



34

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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 **EPC_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

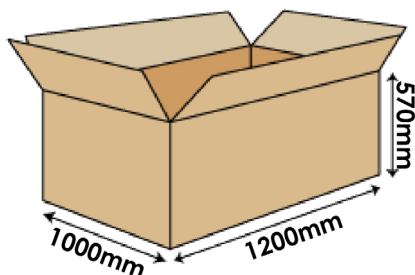
FIRE RATING	34 B
EXTINGUISHING AGENT	Carbon Dioxide 99,99 % (CO ₂)
TEMPERATURE RANGE	-30°C / +60°C
NOMINAL CHARGE	2 Kg
FULL WEIGHT	~ 6,5 Kg
DIMENSIONS	Height (base - valve) 570 +/- 10 mm Diameter (cylinder) 104 +/- 2 mm
DISCHARGE TIME	~ 7,7 seconds
CYLINDER PRESSURE TEST	PT 250 bar
CYLINDER VOLUME	3 L
SAFETY DEVICE	Set at 195 +15/-23 bar
CYLINDER MATERIAL	Alloy steel
TREATMENT	Outside: Sandblast and powder painting, Ral 3000

PACKAGING

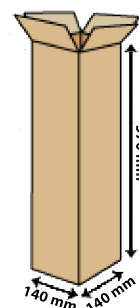
(Note: quantities and measurements are indicative and can be subject at changes)

STANDARD

Maximum nr. 100 pieces for pallet
(100 pieces for box, 1 box for pallet)
Pallet dimensions 100x120x75(h) cm



ON REQUEST: SINGLE PACKAGING



TRANSPORT DISPOSAL

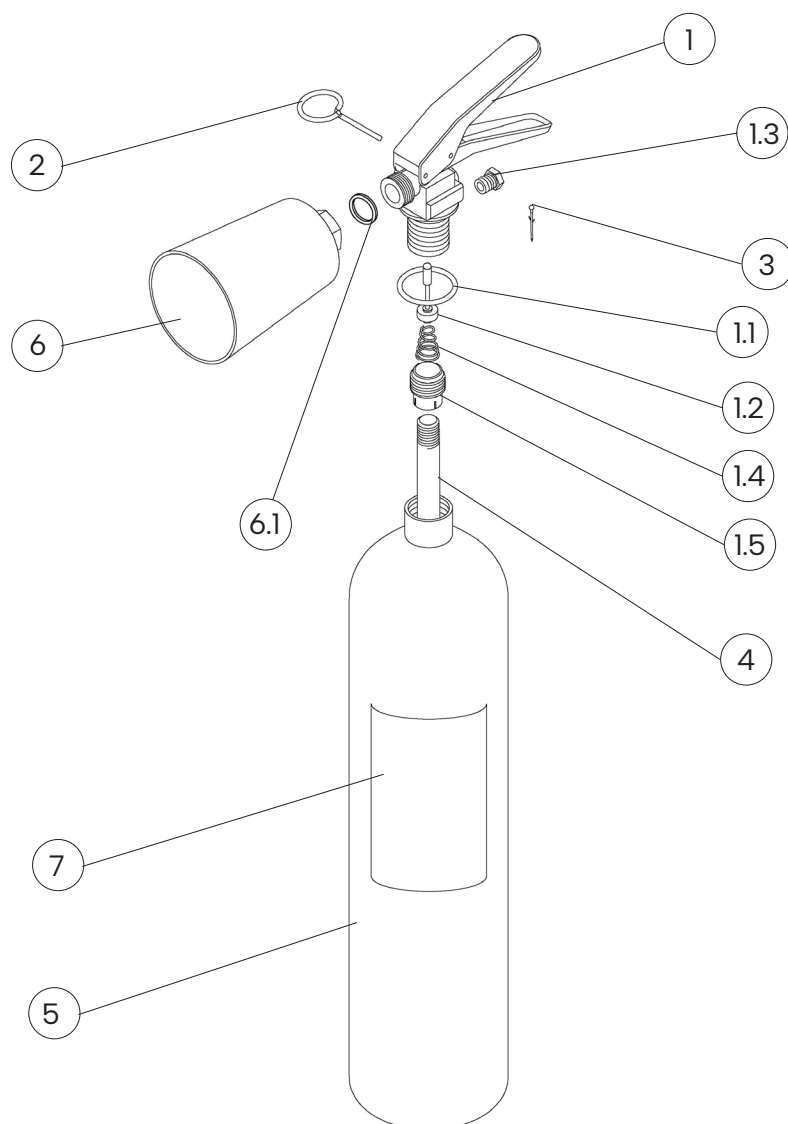
Land transport : Exemption for the purposes of ADR disposal 594

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	Spring	n.a.
1.5	Dip tube holder	n.a.
2	Safety pin	0282-1
3	Safety pin seal	0285

NUM.	DESCRIPTION	CODE
4	Aluminum dip tube	0157-1
5	Cylinder	1884
6	Dispensing horn	0331-1
6.1	Gasket in nylon	0204
7	Label	2252-1
OPTIONAL	Iron marine bracket red painting	1238-1
OPTIONAL	Iron ring wall-mounted, red painting, adapter with clip	1907-1

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

The spare part at number 6 includes already other component 6.1

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

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