

Technical Manual



SAFETY
FOR
FUTURE



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23020-9 : Portable Fire Extinguisher, 2 Kg Carbon Dioxide



- **CYLINDER**
Aluminum Alloy AA6061,
external powder coating,
color Red Ral 3000.
- **EXTINGUISHING AGENT**
Carbon Dioxide 99,99 % (CO₂) .
- **VALVE**
Not magnetic M. 25x2, inox levers.
- **USE**
Fire Rating class B (flammable liquids).

NOTE:
Fire extinguisher built with
low magnetic conductivity components.

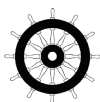
Note: image is for illustrative purpose only, the product purchased can has some difference

2 Kg Carbon Dioxide Fire Extinguisher, temperature range from -30°C to +60°C, manufactured in accordance to **UNI EN 3-7**, 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

• MAINTENANCE

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.

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

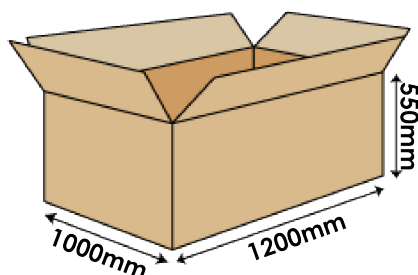
FIRE RATING	34 B
EXTINGUISHING AGENT	Carbon Dioxide 99,99 % (CO ₂)
TEMPERATURE RANGE	-30°C / +60°C
NOMINAL CHARGE	2 Kg
FULL WEIGHT	~ 5,1 Kg
DIMENSIONS	Height (base - valve) 505 +/- 5 mm Diameter (cylinder) 117 +/- 2 mm
DISCHARGE TIME	~ 8,1 seconds
CYLINDER PRESSURE TEST	PT 212 bar
CYLINDER VOLUME	3 L
SAFETY DEVICE	Set at 185 +/- 15 bar
CYLINDER MATERIAL	Aluminum alloy AA6061
TREATMENT	Outside: Sandblast and powder painting, Ral 3000

PACKAGING

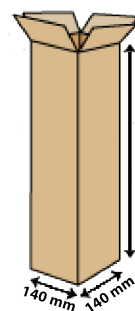
(Note: quantities and measurements are indicative and can be subject at changes)

STANDARD

Maximum nr. 80 pieces for pallet
(80 pieces for box, 1 box for pallet)
Pallet dimensions 100x120x70(h) cm



ON REQUEST: SINGLE PACKAGING



TRANSPORT DISPOSAL

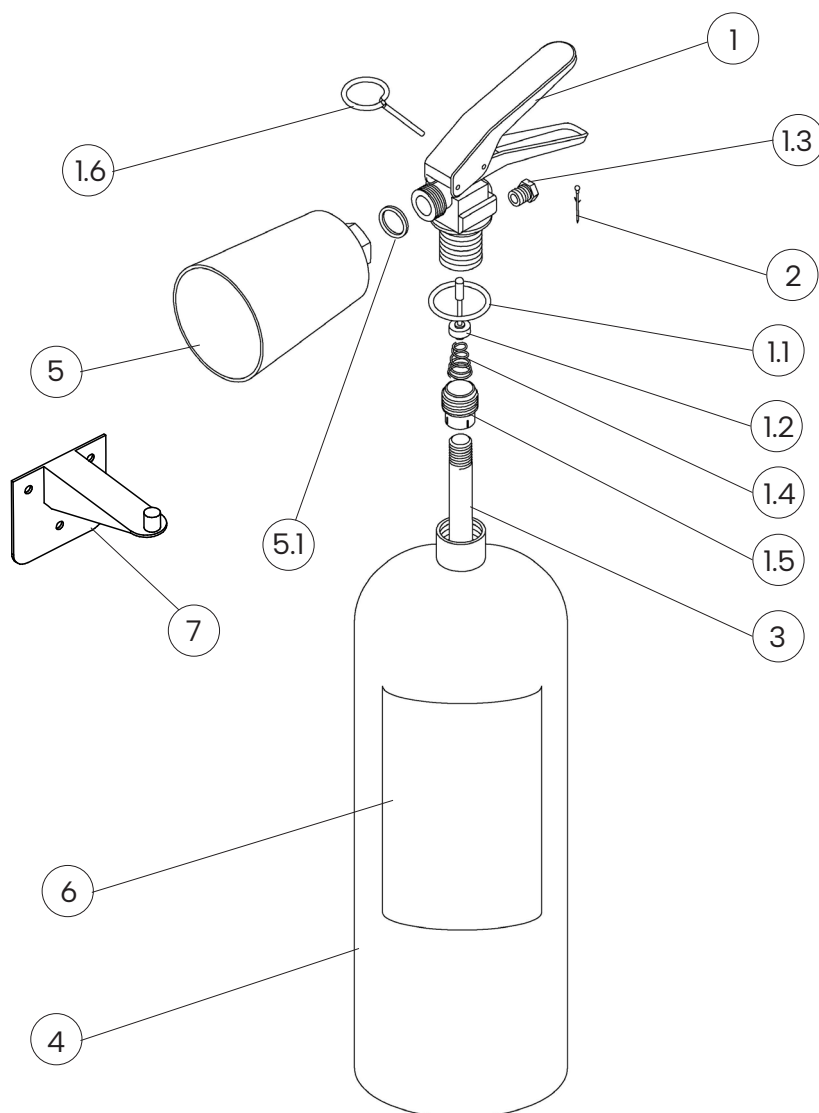
Land transport : Exemption for the purposes of ADR disposal 594

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	0213-2
1.1	O-ring valve	0202
1.2	Valve stem	n.a.
1.3	Safety device	n.a.
1.4	Internal spring of the valve	n.a.
1.5	Dip tube holder	n.a.
1.6	Not magnetic safety pin	0282AC
2	Safety pin seal	0285

NUM.	DESCRIPTION	CODE
3	Aluminum dip tube	0158-1
4	Cylinder	0107
5	Dispensing horn	0331-2
5.1	Gasket in nylon	0204
6	Label	2253
7	Wall bracket PVC black	0323
OPTIONAL	Iron marine bracket red painting	1238

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

The spare part at number 6 includes already other component 5.1

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

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