

# Technical Manual



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## 23020-8 : Portable Fire Extinguisher, 2 Kg Carbon Dioxide

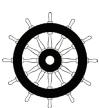


- **CYLINDER**  
Aluminum Alloy AA6061, external powder coating, color Red Ral 3000.
- **EXTINGUISHING AGENT**  
Carbon Dioxide 99,99 % (CO<sub>2</sub>) .
- **VALVE**  
CPF M. 25x2, brass body, lever red RAL 3000.
- **USE**  
Fire Rating class B (flammable liquids).

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

# 23020-8 : Portable Fire Extinguisher, 2 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

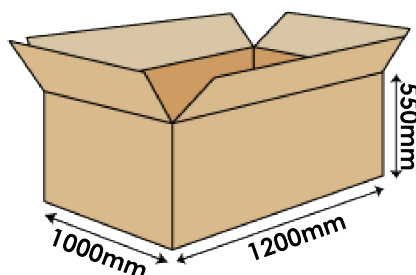
FIRE RATING	34 B
EXTINGUISHING AGENT	Carbon Dioxide 99,99 % (CO <sub>2</sub> )
TEMPERATURE RANGE	-30°C / +60°C
NOMINAL CHARGE	2 Kg
FULL WEIGHT	~ 5,1 Kg
DIMENSIONS	Height (base - valve) 505 +/- 5 mm Diameter (cylinder) 117 +/- 2 mm
DISCHARGE TIME	~ 8,1 seconds
CYLINDER PRESSURE TEST	PT 212 bar
CYLINDER VOLUME	3 L
SAFETY DEVICE	Set at 195 +15/-23 bar
CYLINDER MATERIAL	Aluminum alloy AA6061
TREATMENT	Outside: Sandblast and powder painting, Ral 3000

## PACKAGING

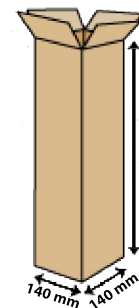
(Note: quantities and measurements are indicative and can be subject at changes)

### STANDARD

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



### ON REQUEST: SINGLE PACKAGING



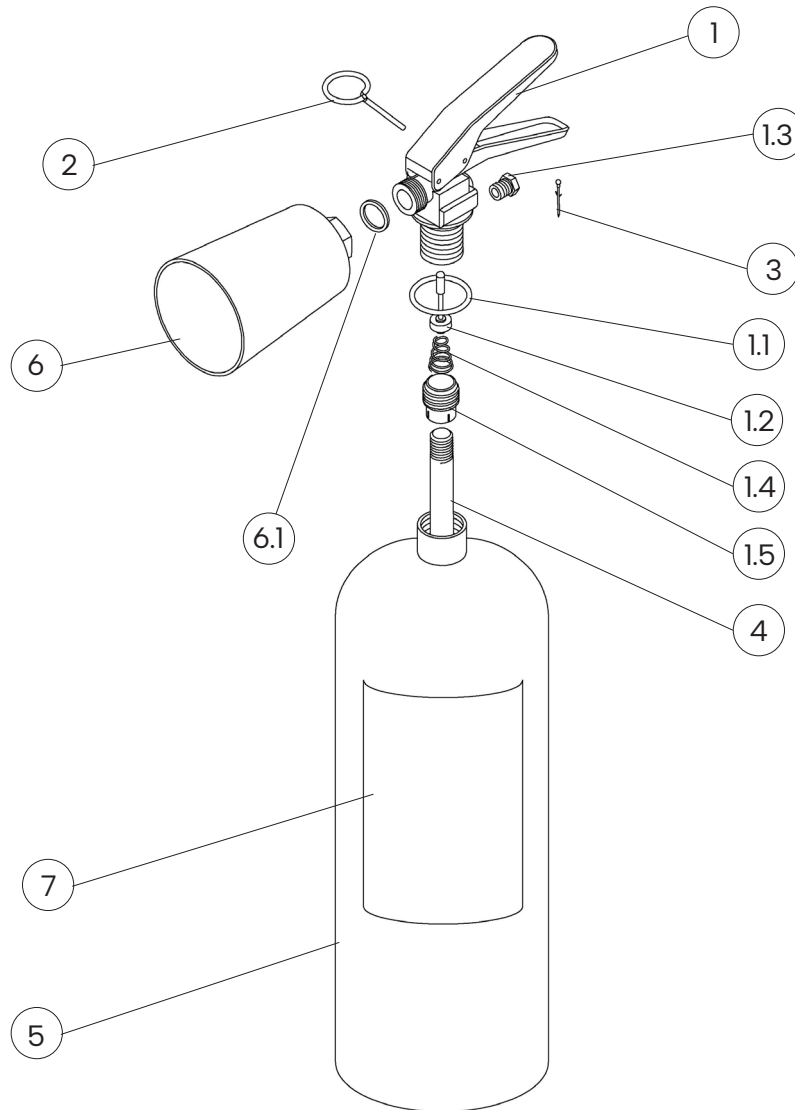
## TRANSPORT DISPOSAL

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	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

NUM.	DESCRIPTION	CODE
4	Aluminum dip tube	0158-1
5	Cylinder	0107
6	Dispensing horn	0331-1
6.1	Gasket in nylon	0204
7	Label	2252-8
OPTIONAL	Iron marine bracket red painting	1238

The spare part at number 1 includes already all others components indicated 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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