

# Technical Manual



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## 23058-2 : Portable Fire Extinguisher, 5 Kg Carbon Dioxide



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

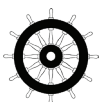
- **CYLINDER**  
Aluminum Alloy AA6061,  
external powder painting,  
color Red Ral 3000.
- **EXTINGUISHING AGENT**  
Carbon Dioxide 99,99 % (CO<sub>2</sub>) .
- **VALVE**  
Not magnetic M. 25x2, inox levers.
- **USE**  
Fire Rating class B (flammable liquids).

**NOTE:**  
Fire extinguisher built with  
low magnetic conductivity components.

REPRODUCTION IS PROHIBITED

5 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 :**



89

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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

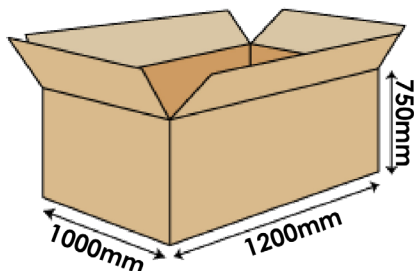
FIRE RATING	89 B
EXTINGUISHING AGENT	Carbon Dioxide 99,99 % (CO <sub>2</sub> )
TEMPERATURE RANGE	-30°C / +60°C
NOMINAL CHARGE	5 Kg
FULL WEIGHT	~ 12,3 Kg
DIMENSIONS	Height (base - valve) 670 +/- 5 mm Diameter (cylinder) 152 +/- 2 mm
DISCHARGE TIME	~ 11,5 seconds
CYLINDER PRESSURE TEST	PT 212 bar
CYLINDER VOLUME	7,5 L
SAFETY DEVICE	Set between 185 +/- 15 bar
CYLINDER MATERIAL	Aluminum Alloy AA6061
TREATMENT	Outside: Sandblast and powder painting, Ral 3000

## PACKAGING

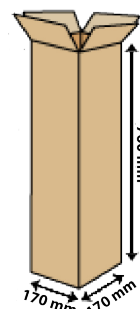
(Note: quantities and measurements are indicative and can be subject at changes)

### STANDARD

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



### ON REQUEST: SINGLE PACKAGING



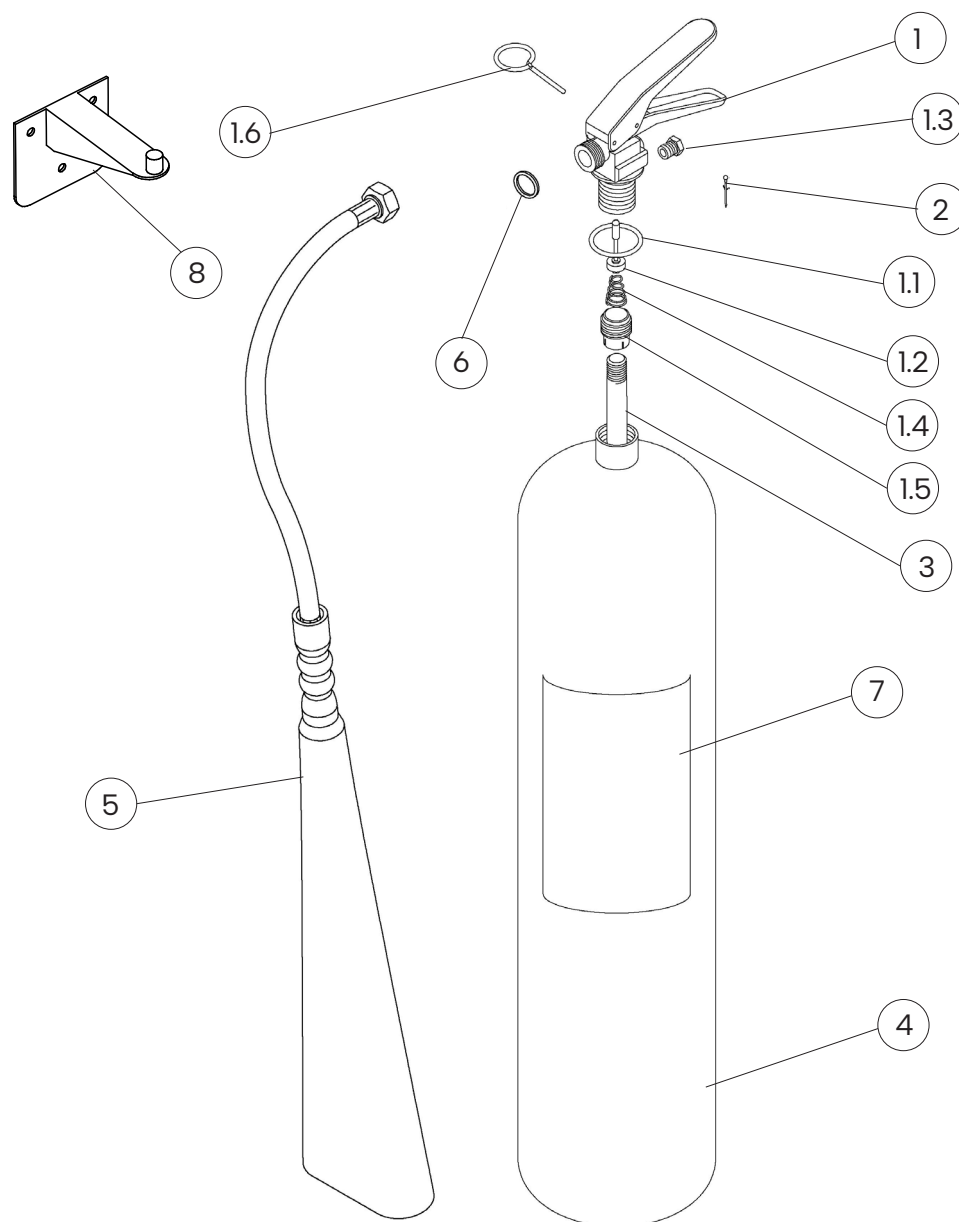
## TRANSPORT DISPOSAL

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	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	0159-1
4	Cylinder	0109
5	Hose SAE 100 R1 T ½" with dispensing horn Europe model	0332-2
6	Gasket in nylon	0204
7	Label	2249
8	Wall bracket PVC black	0323
OPTIONAL	Iron marine bracket red painting	1429

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

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

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