

# Technical Manual



SAFETY  
FOR  
FUTURE



www.emme-italia.com

Via del Molino, 40 - 52010 Corsalone (AR) - Italy - info@emme-italia.com - Tel. +39.0575.511320  
P.IVA/ C.F. 11208251006 - R.E.A. AR-159122

## 23058-72 : Portable Fire Extinguisher, 5 Kg Carbon Dioxide



OPTIONAL  
Adapter with clip

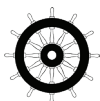


- **CYLINDER**  
Alloy steel, external powder coating, color Red Ral 3000.
- **EXTINGUISHING AGENT**  
Carbon Dioxide 99,99 % (CO<sub>2</sub>) .
- **VALVE**  
Levian M. 25x2, brass body, lever red RAL 3000.
- **USE**  
Fire Rating class B (flammable liquids).

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

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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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	89 B
EXTINGUISHING AGENT	Carbon Dioxide 99,99 % (CO <sub>2</sub> )
TEMPERATURE RANGE	-30°C / +60°C
NOMINAL CHARGE	5 Kg
FULL WEIGHT	~ 13,65 Kg
DIMENSIONS	Height (base - valve) 740 +/- 10 mm Diameter (cylinder) 136 +/- 2 mm
DISCHARGE TIME	~ 11,7 seconds
CYLINDER PRESSURE TEST	PT 250 bar
CYLINDER VOLUME	7,5 L
SAFETY DEVICE	Set between 186 and 212 bar
CYLINDER MATERIAL	Alloy steel
TREATMENT	Outside: Sandblast and powder painting, Ral 3000

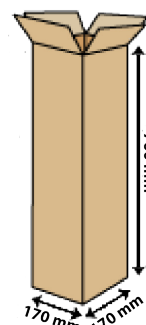
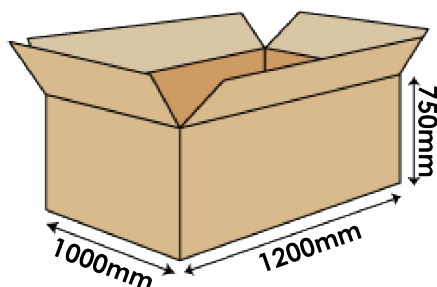
## PACKAGING

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

### STANDARD

Maximum nr. 65 pieces for pallet  
(65 pieces for box, 1 box for pallet)  
Pallet dimensions 100x120x100(h) cm

### ON REQUEST: SINGLE PACKAGING



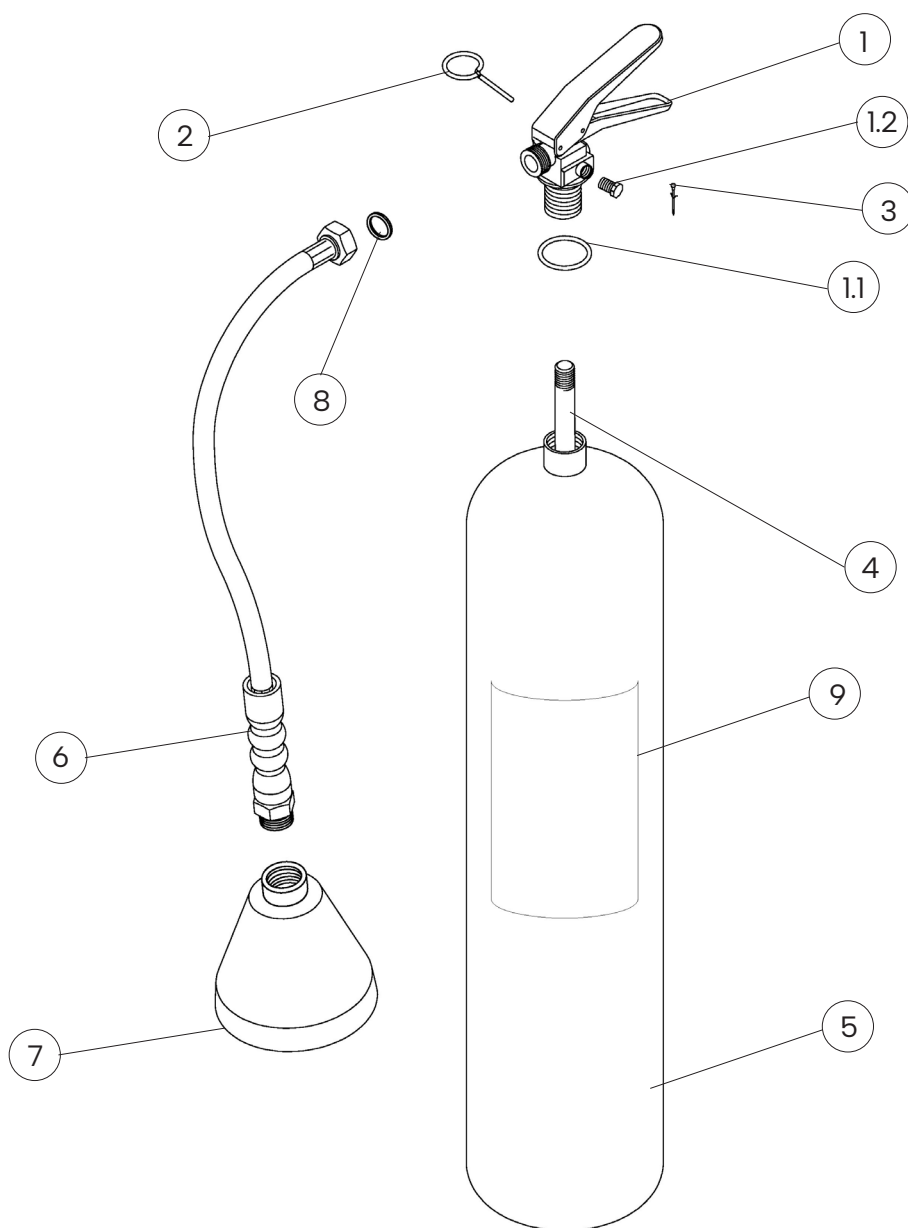
## TRANSPORT DISPOSAL

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	0213L
1.1	O-ring valve	0202
1.2	Safety device	n.a.
2	Safety pin	0282-1
3	Safety pin seal	0285
4	Aluminum dip tube	0160-4
5	Cylinder	0110-1
6	Hose SAE 100 R1 T ½"	0294

NUM.	DESCRIPTION	CODE
7	Dispensing horn	0332-42
8	Gasket in nylon	0204
9	Label	2254-72
OPTIONAL	Iron ring wall-mounted, red painting, adapter with clip	1907-2
OPTIONAL	Iron marine bracket red painting	0319

*The spare part at number 1 includes already others components 1.1 and 1.2*

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

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