

# Technical Manual



SAFETY  
FOR  
FUTURE



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## 22020-1 : Portable Fire Extinguisher, 2 L Foam



FROST RESISTANCE  
(UP TO -30°C)

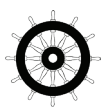
- **CYLINDER**  
In high-strength alloy steel, deep drawing, external powder painting Red Ral 3000.
- **EXTINGUISHING AGENT**  
Water-based foam.
- **PROPELLANT**  
Dehumidified air or Nitrogen (N<sub>2</sub>).
- **VALVE**  
M. 30x1.5, brass body, levers with green painting Ral 6029.
- **USE**  
A B F fire rating  
(solid materials, flammable liquids, cooking oils).

REPRODUCTION IS PROHIBITED

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

2 L foam fire extinguisher, temperature range from -30°C to +60°C, manufactured in accordance to **UNI EN 3-7 (D.M. 7.1.2005)**, approved 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 :



8



55



25

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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 **PSP\_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

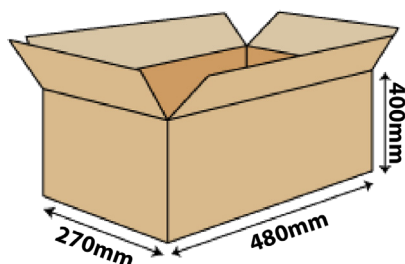
FIRE RATING	8 A 55 B 25 F
EXTINGUISHING AGENT	Foam -30°C (100 % Premix MG6 -30)
PROPELLANT	Dehumidified air or Nitrogen (N <sub>2</sub> ), 15 Bar at 20°C
TEMPERATURE RANGE	-30°C / +60°C
NOMINAL CHARGE	2 Liters
FULL WEIGHT	~ 4,2 Kg (with bracket)
DIMENSIONS	Height (base - valve) 380 +/- 5 mm Diameter (cylinder) 110 +/- 2 mm
DISCHARGE TIME	~ 17,6 seconds
CYLINDER PRESSURE TEST	PT 27 bar
CYLINDER VOLUME	2,45 Liters
SAFETY DEVICE	Set between 20 and 26 bar
CYLINDER MATERIAL	Steel alloy
TREATMENT	Outside: Sandblast and powder painting Ral 3000 Inside: Plastic coating

## PACKAGING

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

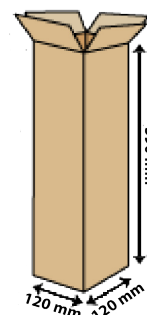
### STANDARD

Note: minimum 8 pieces  
Maximum nr. 256 pieces for pallet  
(32 boxes with 8 pieces for each one)  
Pallet dimensions 100x120 cm



### ON REQUEST: SINGLE PACKAGING

- maximum 210 pieces on pallet 100x120



## TRANSPORT DISPOSAL

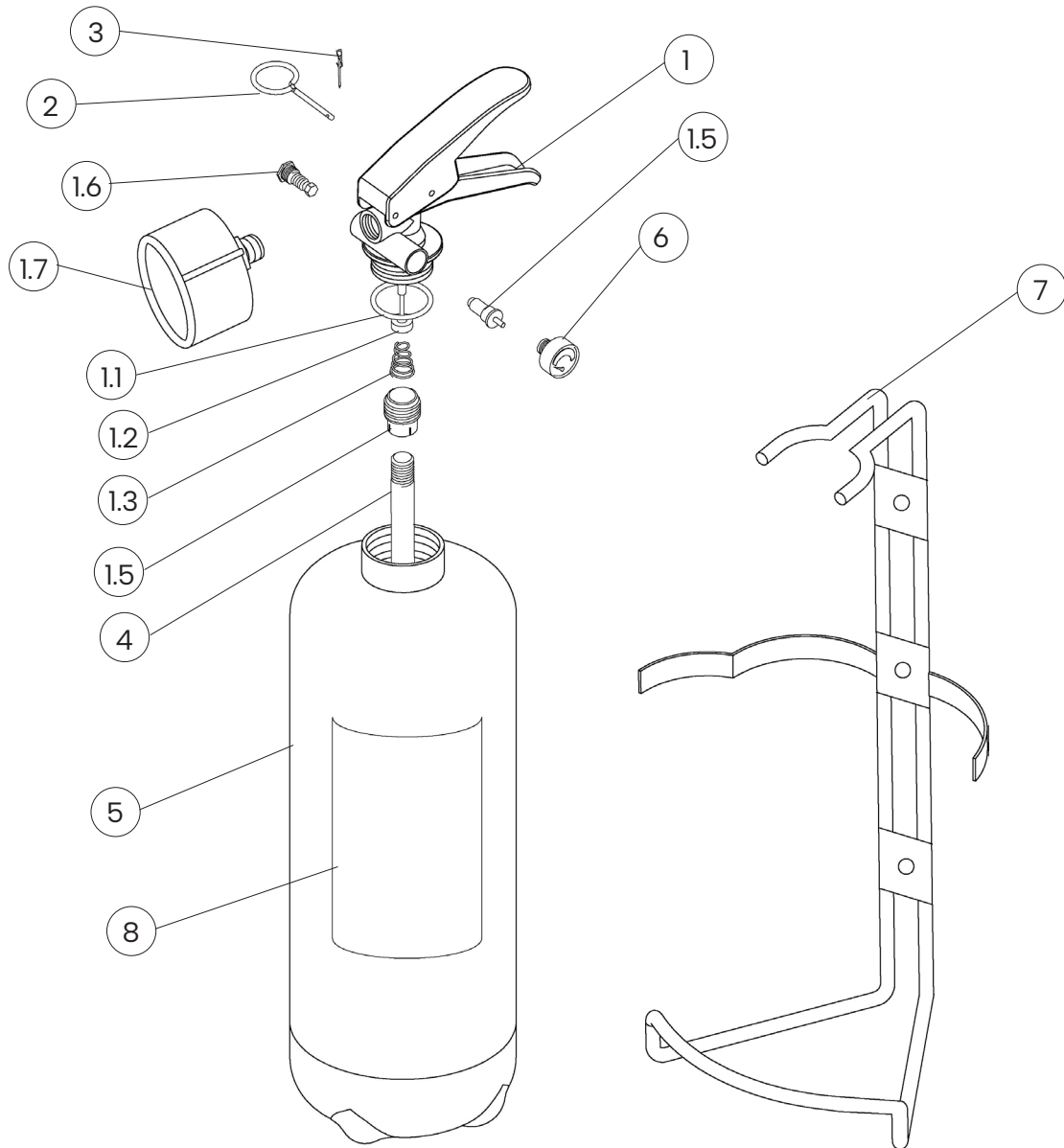
Land transport : Exemption for the purposes of ADR disposal 594

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. 30x1.5	0211-2V
1.1	O-ring valve	0201-13
1.2	Valve stem	0241R
1.3	Internal spring of the valve	n.a.
1.4	Test valve for pressure gauge	1163
1.5	Dip tube holder	n.a.
1.6	Safety device	0261R
1.7	Dispensing nozzle	1938
2	Safety pin	0282-1

NUM.	DESCRIPTION	CODE
3	Safety pin seal	0285
4	PVC dip tube	0152
5	Cylinder	1579-5
6	Pressure gauge	1576
7	Bracket	0327
8	Label	1580-1
	Foam refill (1 L bottle, ready to use)	1658 (x 2)

The spare part at number 1 includes already all others components indicated from 1.1 to 1.7  
"n.a." mean that the component is not available as single spare part

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