

Technical Manual



SAFETY
FOR
FUTURE



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22031-1 : Portable Fire Extinguisher, 3 L Foam



CLIP DETAIL



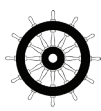
- **CYLINDER**
Stainless steel, 3 pieces drawing, external powder painting Red Ral 3000.
- **EXTINGUISHING AGENT**
Water-based foam.
- **PROPELLANT**
Dehumidified air or Nitrogen (N₂).
- **VALVE**
M. 58x2, lightweight aluminum alloy AA6061 body, with external device for pressure check, levers with black painting.
- **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

3 L foam fire extinguisher, temperature range from 0°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 :



13



113



40

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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

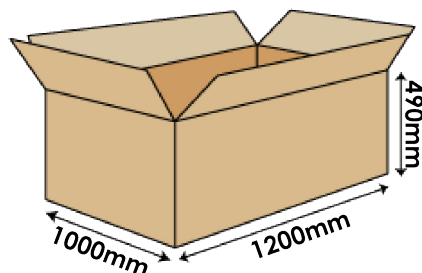
FIRE RATING	13 A 113 B 40 F
EXTINGUISHING AGENT	Foam EWAB15 (2 % SC-6 + 12 % Inilam AX + 86 % Water) (*Hyper-filtered water with an osmosis process)
PROPELLANT	Dehumidified air or Nitrogen (N ₂), 15 Bar at 20°C
TEMPERATURE RANGE	0°C / +60°C
NOMINAL CHARGE	3 Liters
FULL WEIGHT	~ 4,8 Kg
DIMENSIONS	Height (base - valve) 445 +/- 5 mm Diameter (cylinder) 130 +/- 2 mm
DISCHARGE TIME	~ 18,8 seconds
CYLINDER PRESSURE TEST	PT 27 bar
CYLINDER VOLUME	3,9 Liters
SAFETY DEVICE	Set between 22 and 27 bar
CYLINDER MATERIAL	Stainless steel AISI 304
TREATMENT	Outside: Sandblast and powder painting Ral 3000

PACKAGING

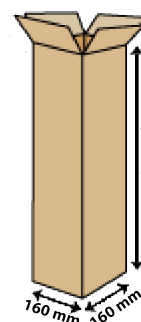
(Note: quantities and measurements are indicative and can be subject at changes)

STANDARD

Maximum nr. 126 pieces for pallet
(63 pieces for box, max 2 boxes for pallet)
Pallet dimensions 100x120x115(h) cm



ON REQUEST: SINGLE PACKAGING



TRANSPORT DISPOSAL

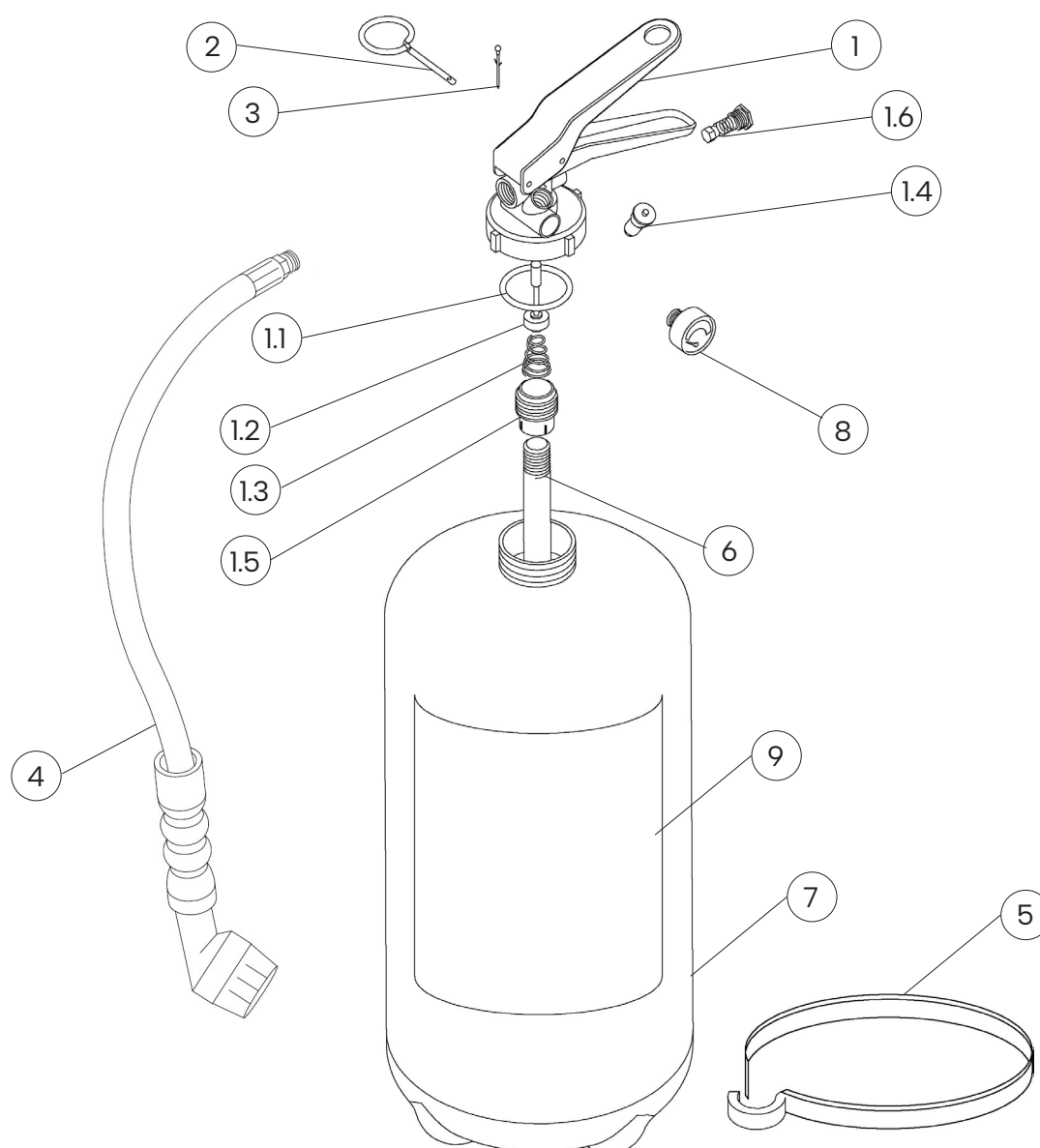
Land transport : Exemption for the purposes of ADR disposal 594

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. 58x2	0212-5
1.1	O-ring valve	0201-4
1.2	Valve stem	n.a.
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	n.a.
2	Safety pin	0282-1
3	Safety pin seal	0285
4	Hose with dispensing nozzle	2209-1

NUM.	DESCRIPTION	CODE
5	Stop-hose band	1907-3
6	PVC dip tube	0152
7	Cylinder	1583-1
8	Pressure gauge	1576
9	Label	1585-1
OPTIONAL	Iron marine bracket red painting	0315
OPTIONAL	Wall-mounted bracket for fire extinguisher with clip	3036
	Foam refill (3 L bottle, ready to use)	2054-2

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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