

# Technical Manual



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## 21125-2 : Portable Fire Extinguisher, 12 Kg ABC Powder



CLIP DETAIL

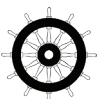


- **CYLINDER**  
In high-strength alloy steel, 3 pieces drawing, with clip, external powder painting Red Ral 3000.
- **EXTINGUISHING AGENT**  
ABC Powder - MAP 20%.
- **PROPELLANT**  
Dehumidified air or nitrogen (N<sub>2</sub>).
- **VALVE**  
M. 30x1.5, brass body, levers with red painting Ral 3000.
- **USE**  
A B C fire rating (solid materials, flammable liquids, flammable gas).

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

12 Kg powder 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 :



REPRODUCTION IS PROHIBITED

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- **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 internal pressure 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 : EPP\_1\_ENG**

## TECHNICAL SPECIFICATIONS

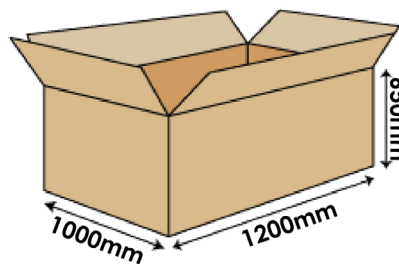
FIRE RATING	55 A 233 B C
EXTINGUISHING AGENT	ABC powder - MAP 20 % EPW 18462 (ABC Favorit Tertia - Rühl)
PROPELLANT	Dehumidified air or Nitrogen (N <sub>2</sub> ), 15 Bar at 20°C
TEMPERATURE RANGE	-30°C / +60°C
NOMINAL CHARGE	12 Kg
FULL WEIGHT	~ 17,7 Kg
DIMENSIONS	Height (base - valve) 610 +/- 5 mm Diameter (cylinder) 190 +/- 2 mm
DISCHARGE TIME	~ 29,6 seconds
CYLINDER PRESSURE TEST	PT 27 bar
CYLINDER VOLUME	12,5 Liters
SAFETY DEVICE	Set between 20 and 26 bar
CYLINDER MATERIAL	Steel alloy
TREATMENT	Outside: Sandblast and powder painting, Ral 3000

## PACKAGING

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

### STANDARD

Maximum nr. 30 pieces for pallet  
(30 pieces for box, max 1 box for pallet)  
Pallet dimensions 100x120x75(h) cm



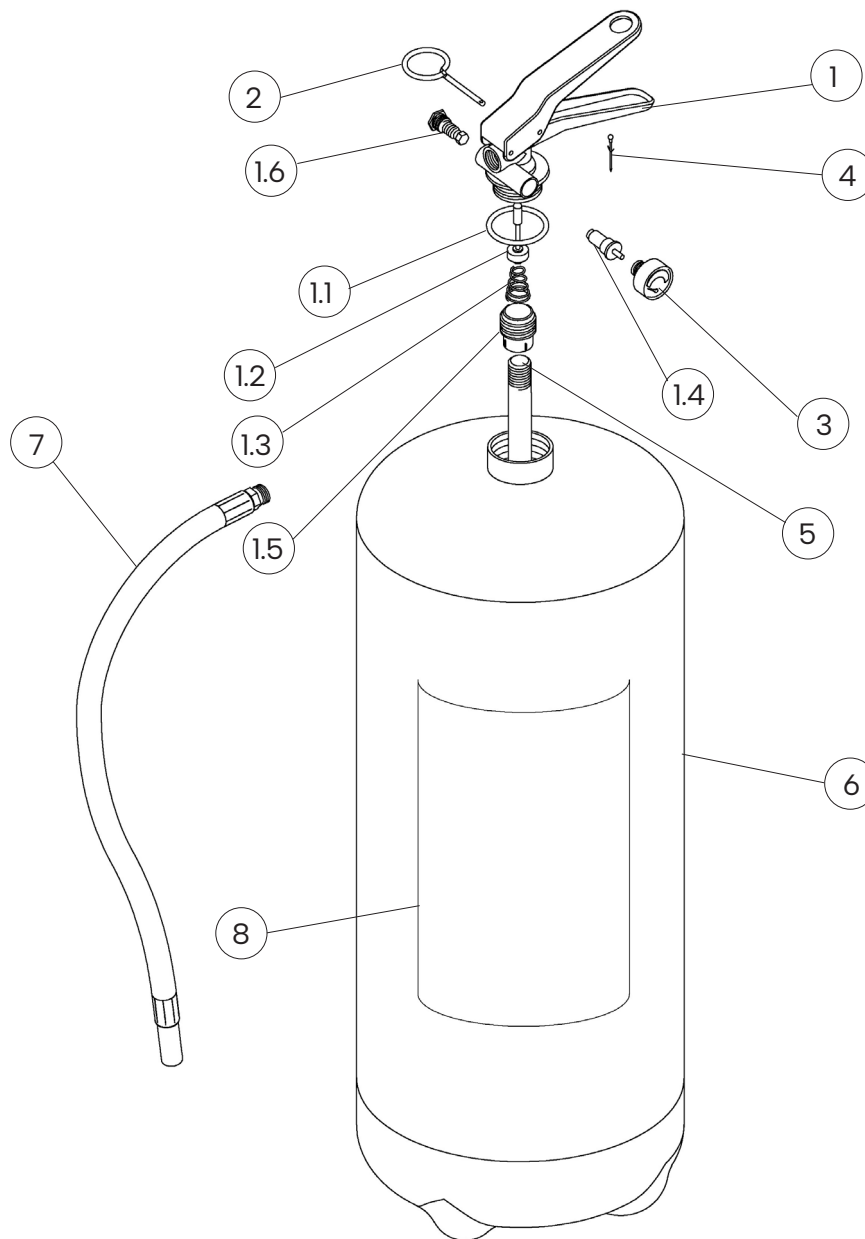
## TRANSPORT DISPOSAL

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	Valvola M. 30x1.5	0212
1.1	O-ring valve	0201R
1.2	Valve stem	0242R
1.3	Internal spring of the valve	0251R
1.4	Test valve for pressure gauge	1163
1.5	Dip tube holder	0253R
1.6	Safety device	0261R
2	Safety pin	0282-1
3	Pressure gauge	0271-1

NUM.	DESCRIPTION	CODE
4	Safety pin seal	0285
5	PVC dip tube	0155-2
6	Cylinder	0105-8
7	Hose	0292-4
8	Label	0059-2
OPTIONAL	Iron marine bracket red painting	0317
OPTIONAL	Wall-mounted bracket for fire extinguisher with clip	3036

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

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