

Technical Manual



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18118-52 – Piemonte 18225 : Wheeled Fire Extinguisher, 100 Kg ABC Powder



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

- **CYLINDER**
In high-strength alloy steel, external powder painting Red Ral 3000.
- **EXTINGUISHING AGENT**
ABC powder – Map 40% .
- **PROPELLANT**
Auxiliary pressure.
Fire extinguisher pressurized at moment of use with CO₂ .
- **CAP**
2"-F , brass body.
- **USE**
A B C fire rating
(solid materials, flammable liquids, flammable gas.
- **BRACKET**
Chassis on wheels, welded at the cylinder, red painting Ral 3000.

REPRODUCTION IS PROHIBITED

100 Kg powder wheeled fire extinguisher, temperature range from -30°C to +60°C, manufactured in accordance to **UNI EN 1866-1**, approved Marine Equipment Directive **MED 2014/90/EU**, certified according to the directive for pressure equipment PED 2014/68/EU.

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 m.

APPROVED/CERTIFIED FIRE EXTINGUISHER:



**FIRE
RATING :**



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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. The commissioning and maintenance activities for maintaining efficiency must be carried out in accordance with the document **CPA_I_ENG** by qualified
- **USE**
- **MAINTENANCE** 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

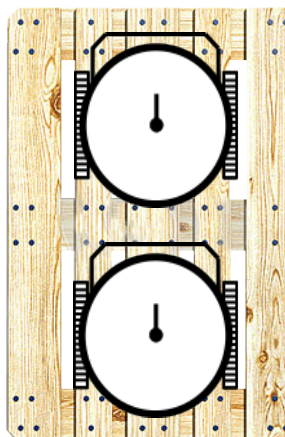
FIRE RATING	A IV B C
EXTINGUISHING AGENT	ABC powder "Emme Powder 40" – MAP 40 % (QFIRE 40 – Quimica 21, S.L.)
PROPELLANT	CO ₂ – 2,5 Kg
TEMPERATURE RANGE	-30°C / +60°C
NOMINAL CHARGE	100 Kg
FULL WEIGHT	~ 175 Kg
DIMENSIONS	Height 1265 +/- 10 mm; Width 560 +/- 10 mm Depth 540 +/- 15 mm
DISCHARGE TIME	~ 61,7 seconds
CYLINDER PRESSURE TEST	PT 30 bar
CYLINDER VOLUME	102 Liters
SAFETY DEVICE	Set between 21 and 26 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. 2 pieces for pallet
Pallet dimensions 100x120x145(h) cm

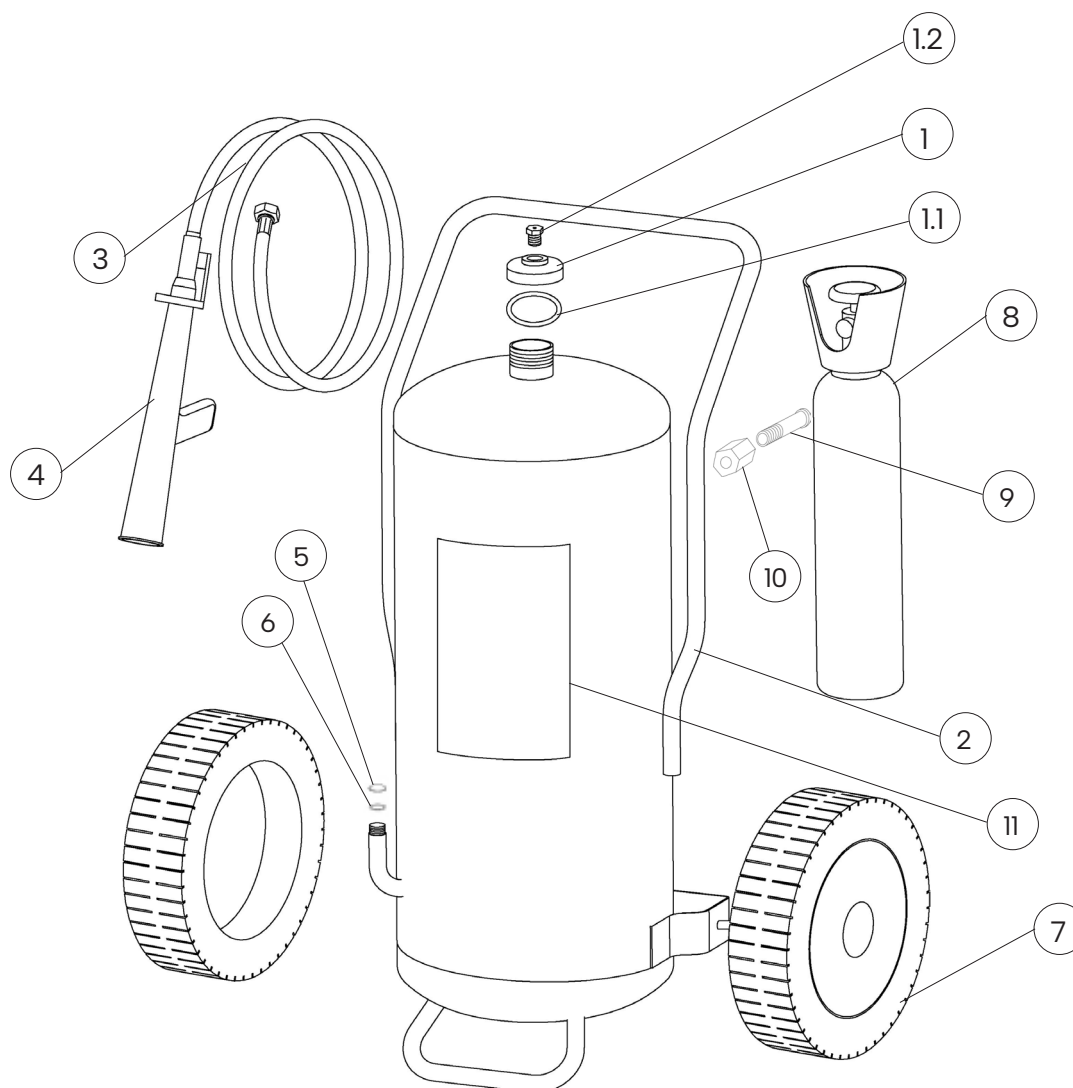


TRANSPORT DISPOSAL

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	2" brass cap	18463
1.1	O-ring cap	n.a.
1.2	Safety device	n.a.
2	Cylinder	18313
3	Hose	18422-1
4	Dispensing lance (complete of ball valve with control lever)	2181-1
5	Membrane	0262-4
6	Copper washer	2148-11

NUM.	DESCRIPTION	CODE
7	Wheel (diam. 400mm)	0125
	Thick washer	2148-10
	Cotter pin stop wheel	9443
8	Complete cylinder for pressurization	n.a.
9	Fitting for cylinder with nitrogen cylinder	18489
10	Fitting for nitrogen cylinder with cylinder	18495
11	Label	18395

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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