

Technical Manual



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18258-51 – Piemonte 18205 : Wheeled Fire Extinguisher, 25 Kg ABC Powder



- **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 Nitrogen (N₂) .
- **CAP**
Brass, 2".
- **USE**
A B C fire rating
(solid materials, flammable liquids, flammable gas.
- **BRACKET**
Chassis on wheels, welded at the cylinder, red painting Ral 3000.

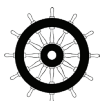
Note: image is for illustrative purpose only, the product purchased can has some difference

25 Kg powder wheeled fire extinguisher, auxiliary pressure, temperature range from -30°C to +60°C, manufactured in accordance to **UNI EN 1866-1 (D.M. 6.3.92)**, Marine Equipment Directive **MED 2014/90/EU** approved, 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 :



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 **CPA_1_ENG** by qualified technical personnel and in
- **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.

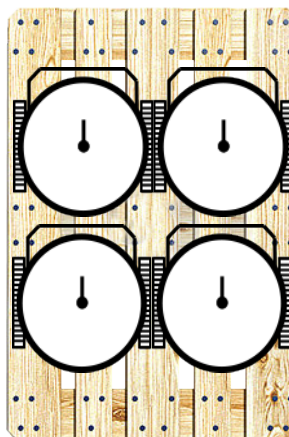
TECHNICAL SPECIFICATIONS

FIRE RATING	A IV B C
EXTINGUISHING AGENT	ABC powder – MAP 40 % (QFIRE 40 – Química 21, S.L.)
PROPELLANT	Nitrogen (N ₂), 100 bar
TEMPERATURE RANGE	-30°C / +60°C
NOMINAL CHARGE	25 Kg
FULL WEIGHT	~ 54 Kg
DIMENSIONS	Height 930 +/- 10 mm; Width 425 +/- 10 mm Depth 430 +/- 15 mm
DISCHARGE TIME	~ 37,7 seconds
CYLINDER PRESSURE TEST	PT 30 bar
CYLINDER VOLUME	31 L
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. 4 pieces for pallet
Pallet dimensions 100x120x120(h) cm

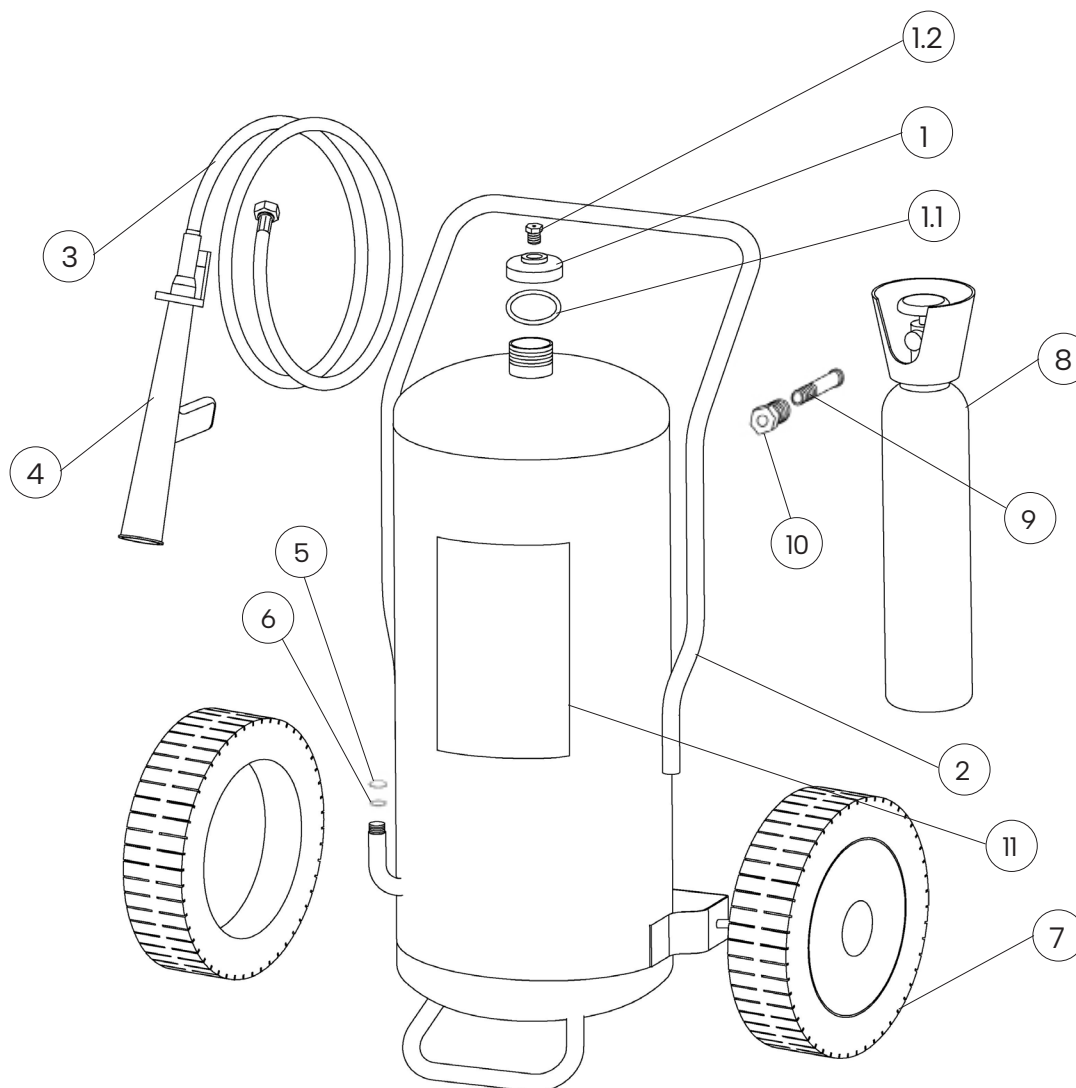


TRANSPORT DISPOSAL

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	Brass cap 2"	18463
1.1	O-ring cap	n.a.
1.2	Safety device	n.a.
2	Cylinder	18305
3	Hose	18421-3
4	Dispensing nozzle (complete of ball valve with control lever)	2181
5	Bursting disk	0262-4
6	Copper washer	2148-11

NUM.	DESCRIPTION	CODE
7	Wheel + stopwheel (300mm)	0124
8	Complete external cylinder for pressurization (valve and protective cap), charged with Nitrogen (N ₂) 100 bar	18517-2
9	Connection for cylinder ext. ag.	18489
10	Connection for propellant cylinder	18496
11	Label	18355

The spare part at number 1 includes already all others components 1.1, 1.2

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

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