

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.

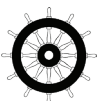
Note: image is for illustrative purpose only, the product purchased can has some difference

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

File name	Type of document	Fire Extinguisher Model	Date	Rele.	Check	Rev.	Pag.
18258-51_ technical manual	technical manual	18258-51	27/09/2024	M.R		2	1/3

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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** The technician will carry out annual inspection for check the internal pressure
- **MAINTENANCE** 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 : CPA_1_ENG

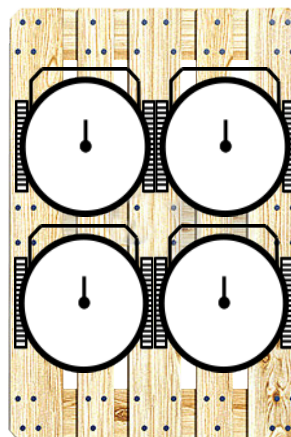
TECHNICAL SPECIFICATIONS

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

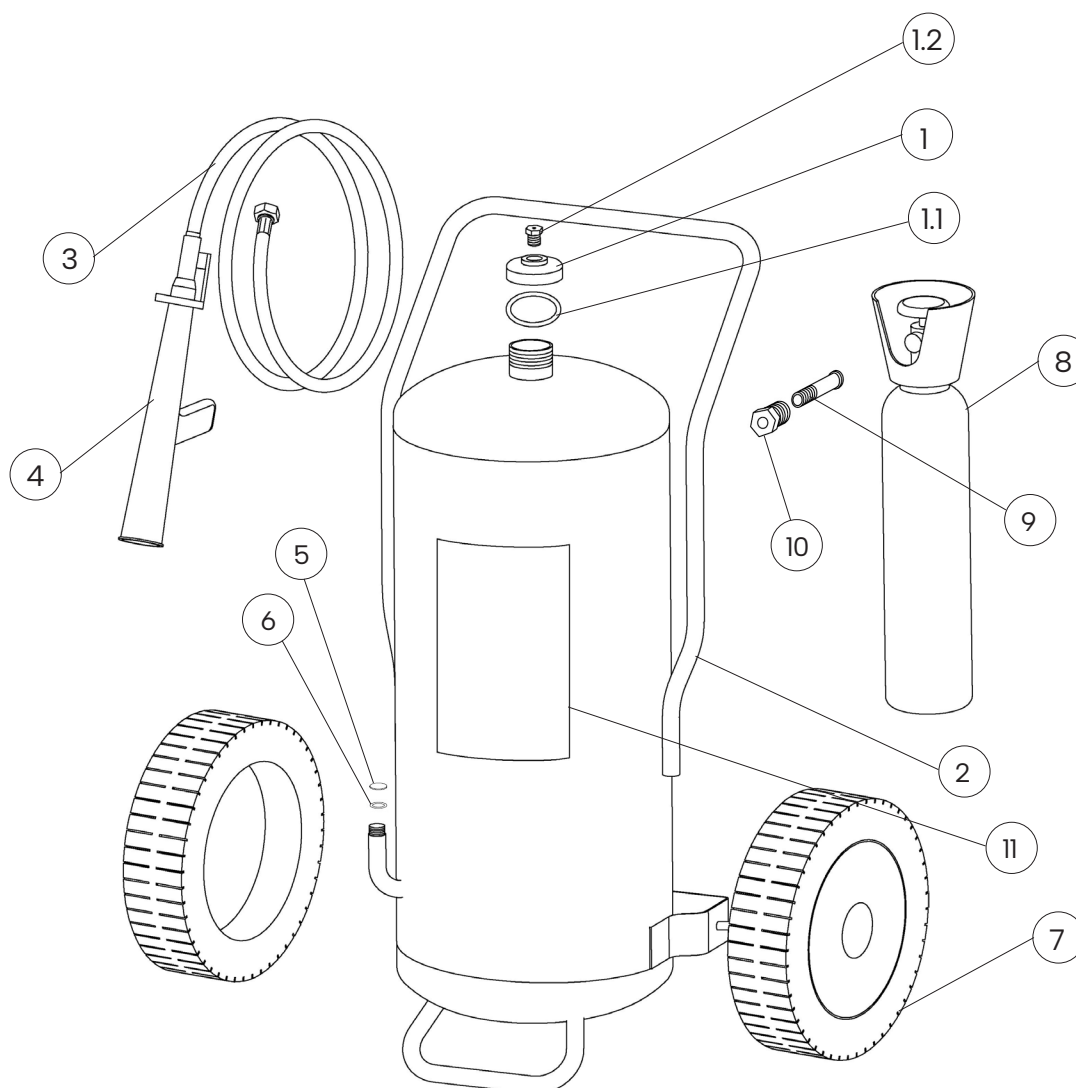


TRANSPORT DISPOSAL

Land transport : Exemption for the purposes of ADR disposal 594
Ship Transport : IMDG Code – UN 1044 class 2.2 Fire Extinguishers

File name	Type of document	Fire Extinguisher Model	Date	Rele.	Check	Rev.	Pag.
18258-51_ technical manual	technical manual	18258-51	27/09/2024	M.R		2	2/3

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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18258-51_ technical manual	technical manual	18258-51	27/09/2024	M.R		2	3/3