

# Technical Manual



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## 18508-52 : Wheeled Fire Extinguisher, 50 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 20 %.
- **PROPELLANT**  
Auxiliary pressure.  
Fire extinguisher pressurized at moment of use with CO<sub>2</sub> external cylinder, complete of protection for valve .
- **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.

50 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)**, 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 distance of 1 mt.

APPROVED/CERTIFIED FIRE EXTINGUISHER:



**FIRE RATING :**



REPRODUCTION IS PROHIBITED

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- **INSTALLATION**
- **USE**
- **MAINTENANCE**

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.

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 : CPA\_1\_ENG**

## TECHNICAL SPECIFICATIONS

FIRE RATING	A IV B C
EXTINGUISHING AGENT	ABC Powder - MAP 20 % (ABC Favorit Tertia - Rühl)
PROPELLANT	1,2 Kg CO <sub>2</sub>
TEMPERATURE RANGE	-30°C / +60°C
NOMINAL CHARGE	50 Kg
FULL WEIGHT	~ 85 Kg
DIMENSIONS	Height 1100 +/-10 mm ; Width 490 +/-10 mm Depth 560 +/-10 mm
DISCHARGE TIME	~ 59,2 seconds
CAP TIGHTENING TORQUE	Minimum 60 Nm, Maximum 70 Nm
CYLINDER PRESSURE TEST	PT 30 bar
CYLINDER VOLUME	62 L.
SAFETY DEVICE	Set between 21 and 26 bar
CYLINDER MATERIAL	Alloy steel
TREATMENT	Outside : Sandblast and powder painting Ral 3000

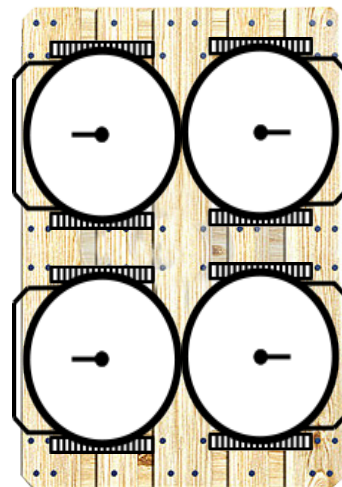
## PACKAGING

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

### **STANDARD**

Maximum nr. 4 pieces for pallet

Pallet dimensions 100x120x135(h) cm



## TRANSPORT

Land transport : Exemption for the purposes of ADR disposal 594

## DISPOSAL

Ship Transport : IMDG Code - UN 1044 class 2.2 Fire Extinguishers

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## COMPONENTS AND SPARE PARTS LIST

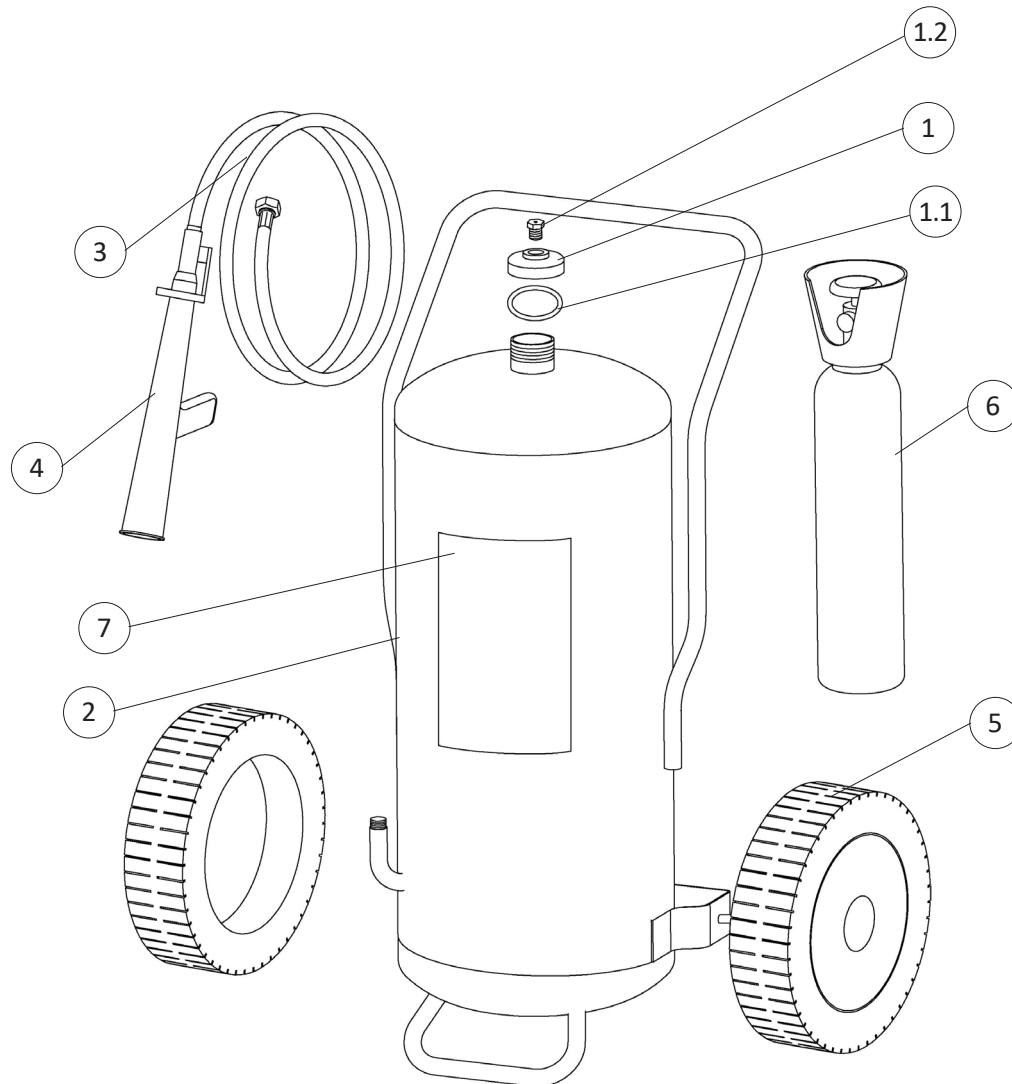


Table 1

NUM.	DESCRIPTION	CODE
1	Brass cap 2"	18463
1.1	O-ring cap	n.a.
1.2	Safety device	n.a.
2	Cylinder	18306
3	Hose	18421-3
4	Dispensing nozzle (complete of ball valve with control lever)	2181

NUM.	DESCRIPTION	CODE
5	Wheel + stopwheel (diam. 300mm)	0124
6	External cylinder charged with 1,2 Kg CO <sub>2</sub> , complete of protection for valve	18519
7	Label	18359-2

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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