

# Technical Manual



www.emme-italia.com

Via del Molino, 40 – 52010 Corsalone (AR) – Italy – info@emme-italia.com – Tel. +39.0575.511320  
P.IVA/ C.F. 11208251006 – R.E.A. AR-159122

## 12159 : Wheeled Fire Extinguisher, 150 Kg D 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**  
D powder .
- **PROPELLANT**  
Auxiliary pressure.  
Fire extinguisher pressurized at moment of use with CO<sub>2</sub> external cylinder.
- **CAP**  
Brass, 2".
- **USE**  
D fire rating  
(fires arising from metals).
- **BRACKET**  
Chassis on wheels, welded at the cylinder, red painting Ral 3000.

REPRODUCTION IS PROHIBITED

150 Kg powder wheeled fire extinguisher, temperature range from -30°C to +60°C, manufactured in accordance to **UNI EN 1866-1**, 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\_1\_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.

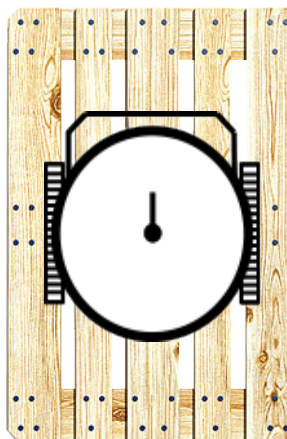
## TECHNICAL SPECIFICATIONS

FIRE RATING	D
EXTINGUISHING AGENT	D powder
PROPELLANT	Dehumidified air or Nitrogen (N <sub>2</sub> ), 15 Bar at 20°C
TEMPERATURE RANGE	-30°C / +60°C
NOMINAL CHARGE	150 Kg
FULL WEIGHT	~ 210 Kg
DIMENSIONS	Height 1350 +/- 10 mm; Width 635 +/- 10 mm Depth 750 +/- 15 mm
DISCHARGE TIME	~ 92 seconds
CYLINDER PRESSURE TEST	PT 30 bar
CYLINDER VOLUME	170 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 100x120x150(h) cm



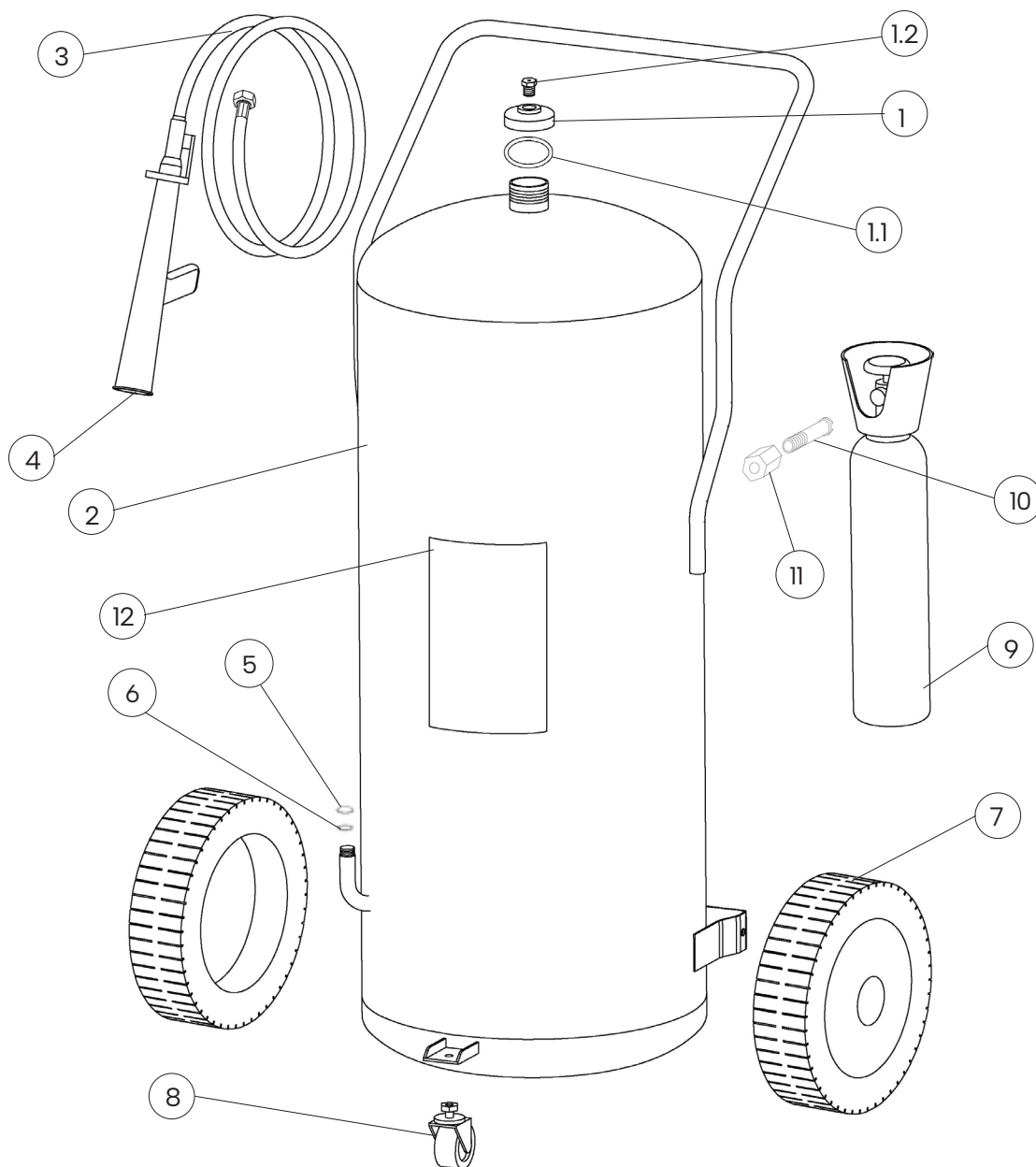
## TRANSPORT DISPOSAL

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	18315
3	Hose	18422-1
4	Dispensing nozzle (complete of ball valve with control lever)	2181-1
5	Bursting disk	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	Front wheel	1686
9	Complete pressurization cylinder	n.a.
10	Fitting for cylinder	18489
11	Fitting for CO2 cylinder	18495
12	Label	1961

*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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