

# Technical Manual



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## 17204 – Lazio 18281 : Wheeled Fire Extinguisher, 20 Kg Carbon Dioxide



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

- **CYLINDER**  
Alloy steel, external powder painting, color Red Ral 3000.
- **EXTINGUISHING AGENT**  
Carbon Dioxide 99,99 % (CO<sub>2</sub>) .
- **VALVE**  
W 28.8, brass body, handwheel red painting, with protection for valve.
- **USE**  
Fire Rating class B (flammable liquids).
- **BRACKET**  
Frame on wheels, red painting Ral 3000.

REPRODUCTION IS PROHIBITED

20 Kg Carbon Dioxide Fire Extinguisher, 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 minimum distance of 1 meter.

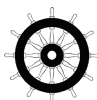
APPROVED/CERTIFIED FIRE EXTINGUISHER:



PED 2014/68/UE

BUREAU VERITAS

For certified MED 2014/90/EU  
version : cod. 14204



**FIRE  
RATING :**



233

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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 **ECC\_1\_ENG** by qualified technical personnel and in compliance with the regulations in force in the country of use.

## • 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.

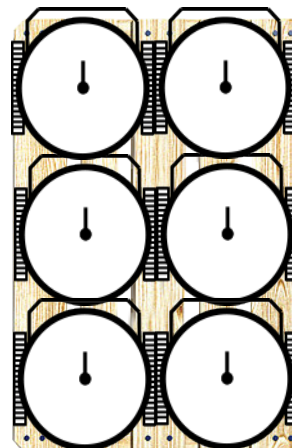
## TECHNICAL SPECIFICATIONS

FIRE RATING	233 B
EXTINGUISHING AGENT	Carbon Dioxide 99,99 % (CO <sub>2</sub> )
TEMPERATURE RANGE	-30°C / +60°C
NOMINAL CHARGE	20 Kg
FULL WEIGHT	~ 64 Kg
FRAME WEIGHT	~ 8,20 Kg (with wheels)
DIMENSIONS	Height 1100 +/- 10 mm Width 485 +/- 10 mm Depth (max size) 440 +/- 10 mm
DISCHARGE TIME	~ 18,4 seconds
CYLINDER PRESSURE TEST	PT 300 bar
CYLINDER VOLUME	27,6 L + 5%
SAFETY DEVICE	Set between 230 and 245 bar
CYLINDER MATERIAL	Steel alloy
TREATMENT	Outside: Sandblast and powder painting, Ral 3000

## PACKAGING

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

STANDARD  
Maximum nr. 6 pieces for pallet  
Pallet dimensions 100x120x120(h) cm



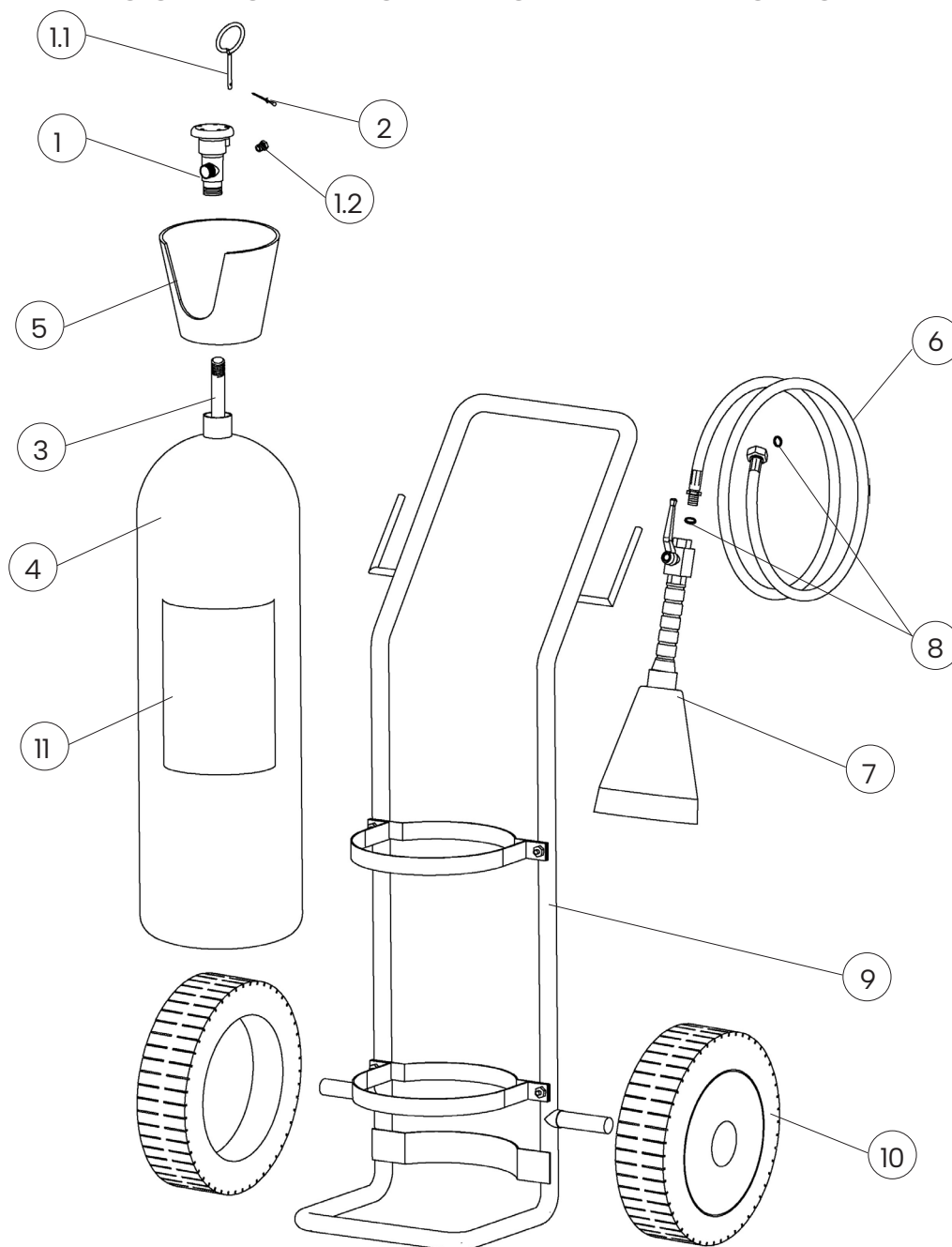
## TRANSPORT DISPOSAL

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	Handwheel valve W 28.8	11531
1.1	Safety pin	0282-1
1.2	Safety device	n.a.
2	Safety pin seal	0285
3	Dip tube aluminum alloy	0166-1
4	Cylinder	18332
5	Protective cap for valve	0096

NUM.	DESCRIPTION	CODE
6	Hose	18425
7	Dispensing nozzle (complete of ball valve with control lever)	0336
8	Nylon gasket	0204
9	Frame	0123
10	Wheel + stopwheel (diam. 300mm)	0124
11	Label 17204	18384
	Label 14204	18384M

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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