

# Technical Manual



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## 17504-20 Any Wave 50 : Wheeled Fire Extinguisher, 50 Kg Carbon Dioxide



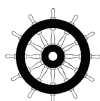
Note: image is for illustrative purpose only, the product purchased can has some difference

- **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

50 Kg Carbon Dioxide Fire Extinguisher, temperature range from -30°C to +60°C, manufactured in accordance to **UNI EN 1866-1**, approved Marine Equipment Directive **MED 2014/90/UE**, 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:



**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. The commissioning and maintenance activities for maintaining efficiency must be carried out in accordance with the document **ECC\_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.

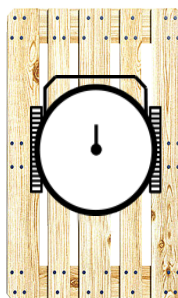
## TECHNICAL SPECIFICATIONS

|                        |                                                                             |
|------------------------|-----------------------------------------------------------------------------|
| FIRE RATING            | 233 B                                                                       |
| EXTINGUISHING AGENT    | Carbon Dioxide 99,99 % (CO <sub>2</sub> )                                   |
| TEMPERATURE RANGE      | -30°C / +60°C                                                               |
| NOMINAL CHARGE         | 50 Kg                                                                       |
| FULL WEIGHT            | ~ 145 Kg                                                                    |
| FRAME WEIGHT           | ~ 8,20 Kg (with wheels)                                                     |
| DIMENSIONS             | Height 1050 +/- 10 mm Width 570 +/- 10 mm<br>Depth (max size) 805 +/- 10 mm |
| DISCHARGE TIME         | ~ 73,7 seconds                                                              |
| CYLINDER PRESSURE TEST | PT 300 bar                                                                  |
| CYLINDER VOLUME        | 70 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)

Nr. 1 pieces on pallet  
80x180x135(h) cm



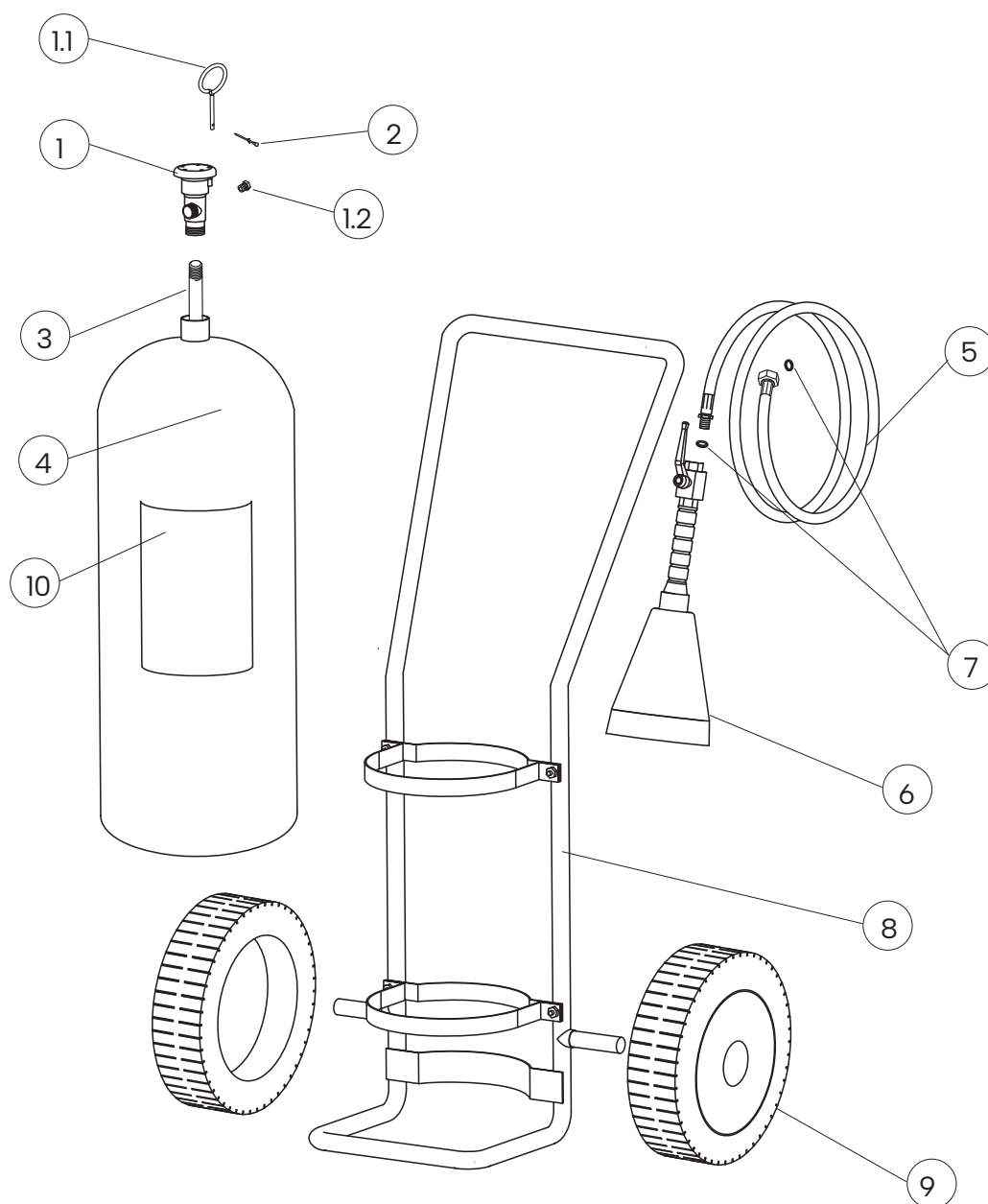
## TRANSPORT DISPOSAL

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 | 18412-2 |
| 4    | Cylinder                | 18333-1 |
| 5    | Hose                    | 18425   |

| NUM. | DESCRIPTION                                                   | CODE     |
|------|---------------------------------------------------------------|----------|
| 6    | Dispensing nozzle (complete of ball valve with control lever) | 0336     |
| 7    | Nylon gasket                                                  | 0204     |
| 8    | Frame                                                         | 18487-1  |
| 9    | Wheel + stopwheel (diam. 300mm)                               | 0124     |
| 10   | Label                                                         | 18387-20 |

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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