

# Technical Manual



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## GW150A 19158-701 : Wheeled Fire Extinguisher, 150 L Foam



### FLUORINE FREE

- **CYLINDER**  
Stainless steel AISI 304, powder painting, Red Ral 3000.
- **EXTINGUISHING AGENT**  
Fluorine free foam, water based.
- **PROPELLANT**  
Auxiliary pressure.  
Fire extinguisher pressurized at moment of use with Nitrogen (N<sub>2</sub>).
- **CAP**  
2"-F, brass.
- **USE**  
A B fire rating  
(solid materials, flammable liquids).
- **BRACKET**  
Chassis on wheels, welded at the cylinder, red painting Ral 3000.
- **DISPENSING PISTOL**  
Body in plastic material.  
The rotating connection allow an easy unroll of hose.

REPRODUCTION IS PROHIBITED

*Note: image is for illustrative purpose only, the product purchased can have some differences*

150 L foam wheeled fire extinguisher, pressurized at moment of use, temperature range from +5°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 distance of 1 meter.

ESTINTORE APPROVATO/CERTIFICATO:



**FIRE RATING :**



| File name                         | Type of document | Fire Extinguisher Model | Date       | Rel. | Check | Rev. | Pag. |
|-----------------------------------|------------------|-------------------------|------------|------|-------|------|------|
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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 **CSA\_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.

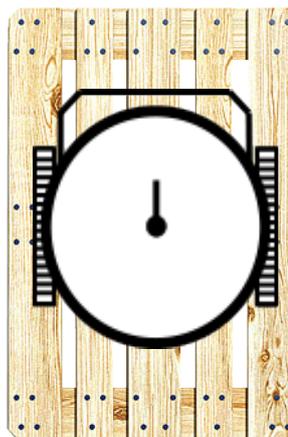
## TECHNICAL SPECIFICATIONS

|                        |  |
|------------------------|--|
| FIRE RATING            | A IV B   |
| EXTINGUISHING AGENT    | 100% Green Wave Premix   |
| PROPELLANT             | Nitrogen (N <sub>2</sub> ), 180 Bar                                |
| TEMPERATURE RANGE      | +5°C / +60°C   |
| NOMINAL CHARGE         | 150 Liters   |
| FULL WEIGHT            | ~ 212 Kg   |
| DIMENSIONS             | Height 1350 +/- 10 mm ; Width 635 +/- 10 mm<br>Depth 750 +/- 15 mm |
| DISCHARGE TIME         | ~ 884 seconds  |
| CYLINDER PRESSURE TEST | PT 30 bar  |
| CYLINDER VOLUME        | 170 L  |
| SAFETY DEVICE          | Set between 21 and 26 bar  |
| CYLINDER MATERIAL      | Stainless steel AISI 304   |
| TREATMENT              | Outside: Sandblast and powder painting Ral 3000                    |

## PACKAGING

(Note: the packaging quantities and measurements are indicative and can be subject at change)

STANDARD  
Maximum nr. 1 pieces for pallet  
Pallet dimensions 100x120x150(h) cm



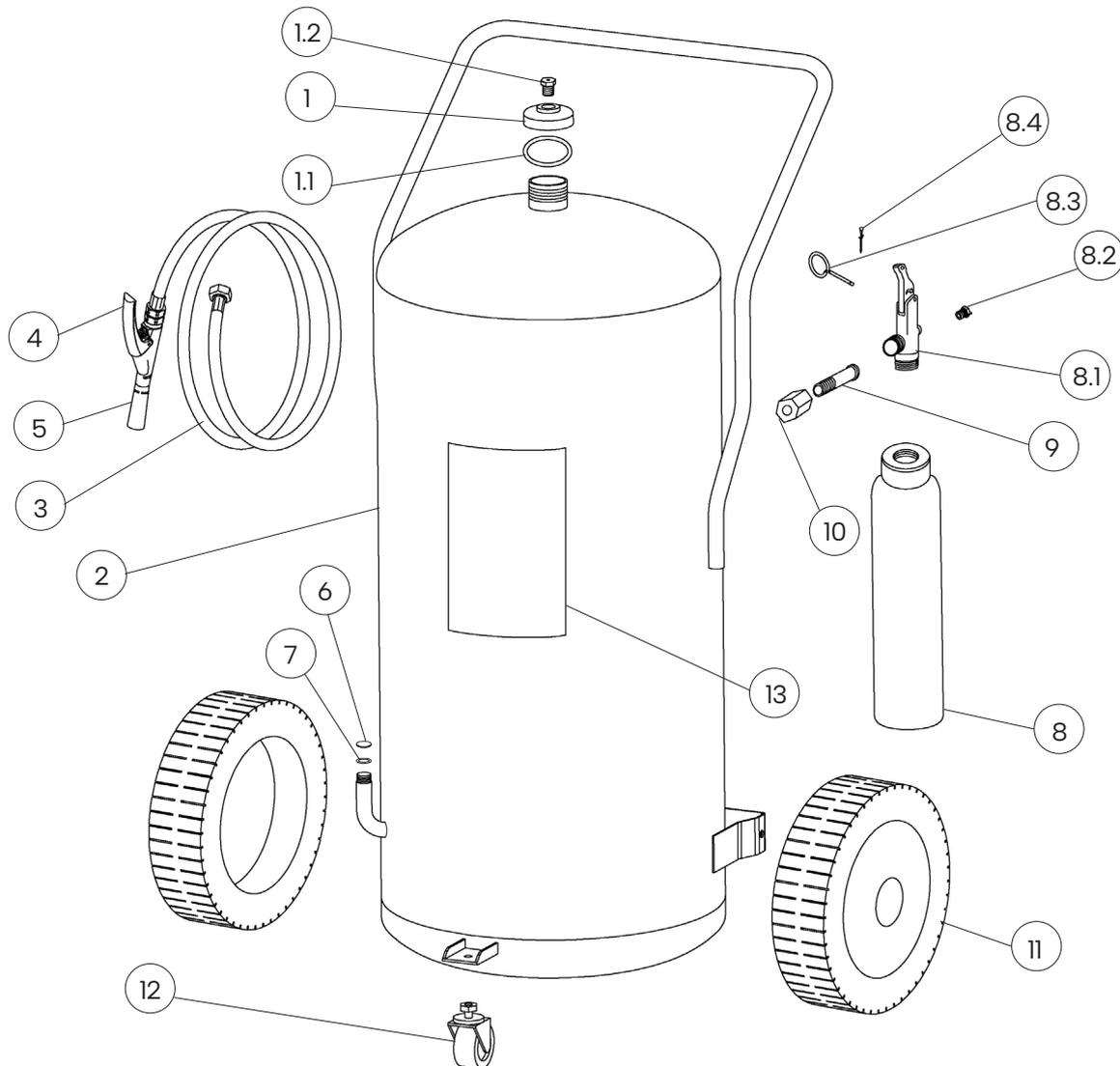
## TRANSPORT DISPOSAL

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    | 2" brass cap                                    | 18463   |
| 1.1  | O-ring cap                                      | n.a.    |
| 1.2  | Safety device                                   | n.a.    |
| 2    | Cylinder  | 18328   |
| 3    | Hose  | 18421-5 |
| 4    | Dispensing pistol                               | 2181-4  |
| 5    | Dispensing nozzle                               | 1645-5  |
| 6    | Membrane  | 0262-4  |
| 7    | Copper washer                                   | 2148-11 |
| 8    | Complete pressurization cylinder, with Nitrogen | 18516-4 |

| NUM. | DESCRIPTION                                       | CODE     |
|------|---|----------|
| 8.1  | Tilting valve W28.8 x 1/14" for nitrogen cylinder | 0223L    |
| 8.2  | Safety device                                     | n.a.     |
| 8.3  | Safety pin  | 0282-1   |
| 8.4  | Safety pin seal                                   | 0285     |
| 9    | Fitting for cylinder with nitrogen cylinder       | 18489    |
| 10   | Fitting for nitrogen cylinder with cylinder       | 18495    |
| 11   | Wheel (diam. 400mm)                               | 0125     |
|      | Thick washer                                      | 2148-10  |
|      | Cotter pin stop wheel                             | 9443     |
| 12   | Front wheel                                       | 1686     |
| 13   | Label   | 18380-71 |

The spare part at number 1 (valve) includes already others components 1.1 and 1.2  
 The spare part at number 8 (cylinder) includes already others components indicated from 8.1 to 8.4  
 "n.a." mean that the component is not available as single spare part.

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