

# Technical Manual



SAFETY  
FOR  
FUTURE



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## GW9AI 32093-611 : Portable Fire Extinguisher, 9 L Foam



**FLUORINE FREE**

FLOATING CARTRIDGE  
INSIDE



CLIP DETAIL



- **CYLINDER**  
In high-strength alloy steel, with clip, deep drawing, external powder painting Red Ral 3000.
- **EXTINGUISHING AGENT**  
Water + cartridge with foaming additive, fluorine free.
- **PROPELLANT**  
Auxiliary pressure.  
Fire extinguisher pressurized at moment of use with 80g CO<sub>2</sub> cartridge.
- **VALVE**  
M. 74x2, lightweight aluminum alloy, activation with percussion method .
- **USE**  
A B fire rating  
(solid materials, flammable liquids).

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

9 L foam fire extinguisher, auxiliary pressure, temperature range from +5°C to +60°C, manufactured in accordance to **UNI EN 3-7**, approved Marine Equipment Directive **MED 2014/90/EU**, certified according to the directive for pressure equipment PED 2014/68/EU. Manufactured according at productions checks as agreed with **EN 3-10**. 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 :**



34

183

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REPRODUCTION IS PROHIBITED

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

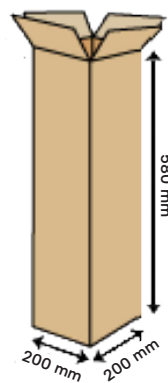
## TECHNICAL SPECIFICATIONS

|                        |                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------|
| FIRE RATING            | 34 A 183 B                                                                                               |
| EXTINGUISHING AGENT    | Water (8,91 L) + Green Wave Premix (90 ml cartridge)<br>(* Hyper-filtered water with an osmosis process) |
| PROPELLANT             | Cartridge with 80 g CO <sub>2</sub>                                                                      |
| TEMPERATURE RANGE      | +5°C / +60°C                                                                                             |
| NOMINAL CHARGE         | 9 Liters                                                                                                 |
| FULL WEIGHT            | ~ 14,90 Kg                                                                                               |
| DIMENSIONS             | Height (base - valve) 570 +/- 5 mm (with bottom)<br>Diameter (cylinder) 182 +/- 2 mm                     |
| DISCHARGE TIME         | ~ 55,5 seconds                                                                                           |
| CYLINDER PRESSURE TEST | PT 30 bar                                                                                                |
| CYLINDER VOLUME        | 10,78 L                                                                                                  |
| SAFETY DEVICE          | Set between 22 and 27 bar                                                                                |
| CYLINDER MATERIAL      | Alloy steel                                                                                              |
| TREATMENT              | Outside: Sandblast and powder painting, Ral 3000<br>Inside: Plastic coating                              |

## PACKAGING

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

STANDARD  
Maximum nr. 30 pieces for pallet  
(single packaging )  
Pallet dimensions 100x120 cm



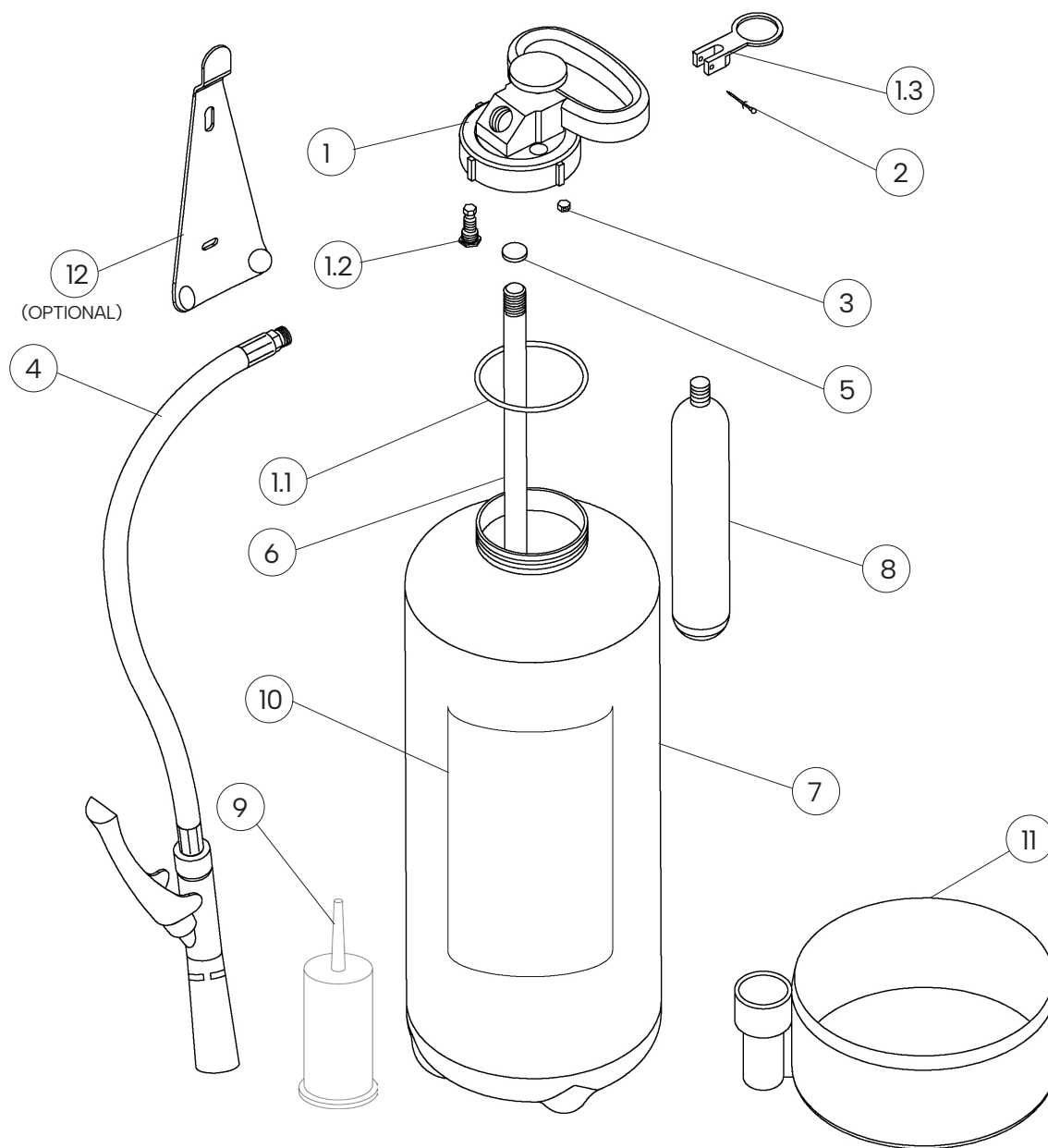
## TRANSPORT DISPOSAL

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    | Valve M. 74x2               | 3008    |
| 1.1  | O-ring valve                | 0201-5  |
| 1.2  | Safety device               | n.a.    |
| 1.3  | Safety pin                  | n.a.    |
| 2    | Safety pin seal             | 0285    |
| 3    | Pressurization cap          | 3033-2  |
| 4    | Hose with dispensing nozzle | 2297-2V |
| 5    | Bursting disk for dip tube  | 0262-32 |

| NUM.           | DESCRIPTION                                          | CODE     |
|----------------|------------------------------------------------------|----------|
| 6              | PVC dip tube with filter                             | 2180-3   |
| 7              | Cylinder                                             | 3010     |
| 8              | CO2 cartridge 80 g                                   | 3029-21  |
| 9              | Cartridge with 90 ml additive                        | 3412-4   |
| 10             | Label                                                | 2247-711 |
| 11             | Plastic bottom                                       | 3028-1   |
| 12<br>OPTIONAL | Wall-mounted bracket for fire extinguisher with clip | 3036     |

The spare part at number 1 includes already all others components indicated from 1.1 to 1.3  
 "n.a." mean that the component is not available as single spare part

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