

# Technical Manual



SAFETY  
FOR  
FUTURE



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## 22094-3 : Portable Fire Extinguisher, 9 L Foam



CLIP DETAIL



- **CYLINDER**  
In high-strength alloy steel, with clip 3 pieces drawing, external powder painting Red Ral 3000.
- **EXTINGUISHING AGENT**  
Water-based foam.
- **PROPELLANT**  
Dehumidified air or Nitrogen (N<sub>2</sub>).
- **VALVE**  
M. 30x1.5, brass body, levers with green painting Ral 6029.
- **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, temperature range from 0°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:



MPA  
Dresden



FIRE  
RATING :



43



233

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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.

## • USE

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

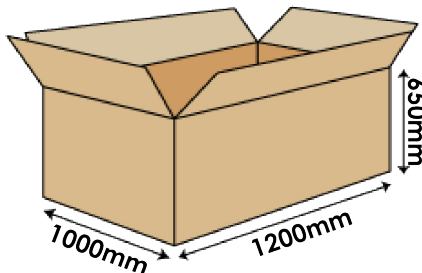
FIRE RATING	43 A 233 B
EXTINGUISHING AGENT	Foam EWAB15 (2 % SC-6 + 10 % Inilam AX + 88 % Water) (* Hyper-filtered water with an osmosis process)
PROPELLANT	Dehumidified air or Nitrogen (N <sub>2</sub> ), 15 Bar at 20°C
TEMPERATURE RANGE	0°C / +60°C
NOMINAL CHARGE	9 Liters
FULL WEIGHT	~ 14,0 Kg
DIMENSIONS	Height (base - valve) 635 +/- 5 mm Diameter (cylinder) 170 +/- 2 mm
DISCHARGE TIME	~ 62,1 seconds
CYLINDER PRESSURE TEST	PT 27 bar
CYLINDER VOLUME	10,7 Liters
SAFETY DEVICE	Set between 20 and 26 bar
CYLINDER MATERIAL	Steel alloy
TREATMENT	Outside: Sandblast and powder painting Ral 3000 Inside: Plastic coating

## PACKAGING

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

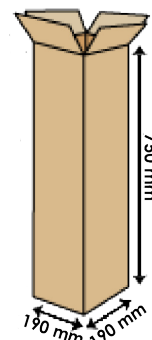
### STANDARD

Maximum nr. 40 pieces for pallet  
(40 pieces for box, max 1 box for pallet)  
Pallet dimensions 100x120x80(h) cm



### ON REQUEST: SINGLE PACKAGING

- maximum 40 pieces on pallet 100x120



## TRANSPORT DISPOSAL

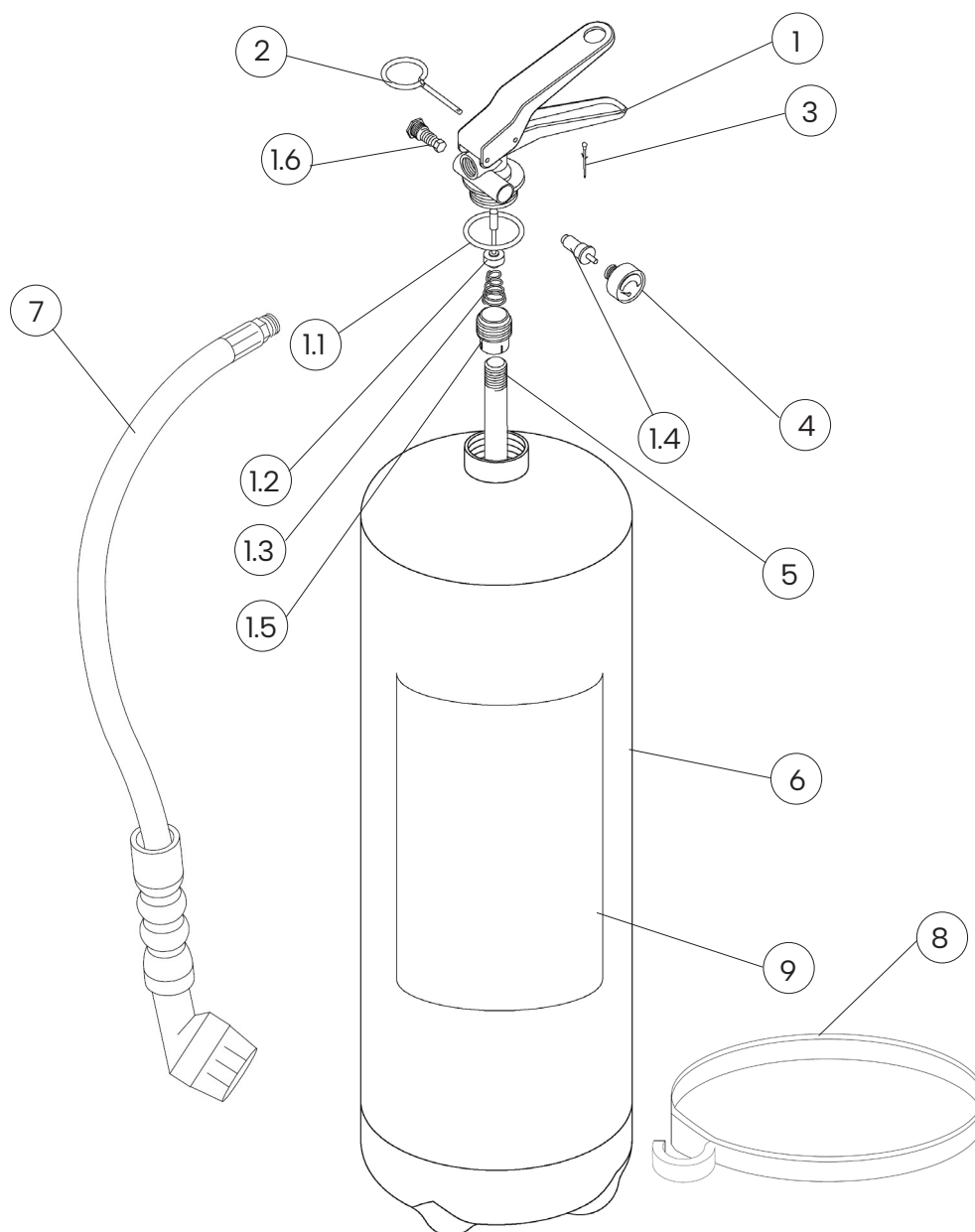
Land transport : Exemption for the purposes of ADR disposal 594

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. 30x1.5	0212FV
1.1	O-ring valve	0201R
1.2	Valve stem	0242R
1.3	Internal spring of the valve	0251R
1.4	Test valve for pressure gauge	1163
1.5	Dip tube holder	0253R
1.6	Safety device	0261R
2	Safety pin	0282-1
3	Safety pin seal	0285
4	Pressure gauge	1576

NUM.	DESCRIPTION	CODE
5	PVC dip tube	0155-1
6	Cylinder	0111-2
7	Hose with dispensing nozzle	0293-6
8	Stop hose ring	1907
9	Label	0077-7
OPTIONAL	Iron marine bracket red painting	0318-1
OPTIONAL	Wall-mounted bracket for fire extinguisher with clip	3036
	Foam refill (9 L bottle, ready to use)	2055-1

*The spare part at number 1 includes already all others components indicated from 1.1 to 1.6*

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