

Use and Maintenance Technical Manual

BIOGENESIS



Biogenesis S.r.l.
www.bio-genesis.it

Portable Fire Extinguisher, 6 L Foam




**SUITABLE ON
POLAR SOLVENTS**


**FROST RESISTANCE
(UP TO -30°C)**

- **CYLINDER**
Stainless steel, 3 pieces drawing, external powder painting Red Ral 3000.
- **EXTINGUISHING AGENT**
Water-based foam.
- **PROPELLANT**
Dehumidified air or nitrogen (N₂).
- **VALVE**
M. 30x1.5, brass body, levers with red painting Ral 3000.
- **USE**
A B F fire rating (solid materials, flammable liquids, cooking oils).

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

6 L foam fire extinguisher, temperature range from -30°C to +60°C, manufactured in accordance to **UNI EN 3-7, (D.M. 7.1.2005)**, 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 :**



34



233



75

Portable Fire Extinguisher, 6 L Foam

TECHNICAL SPECIFICATIONS

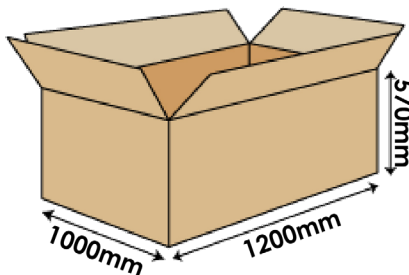
FIRE RATING	34 A 233 B 75 F
EXTINGUISHING AGENT	Foam EW-30 (100 % Premix MG6 -30)
PROPELLANT	Dehumidified air or Nitrogen (N ₂), 15 bar at 20°C
TEMPERATURE RANGE	-30°C / +60°C
NOMINAL CHARGE	6 Liters
FULL WEIGHT	~ 9,5 Kg
DIMENSIONS	Height (base - valve) 530 +/- 5 mm Diameter (cylinder) 160 +/- 2 mm
DISCHARGE TIME	~ 29 seconds
VALVE TIGHTENING TORQUE	Minimum 45 Nm, Maximum 68 Nm
CYLINDER PRESSURE TEST	PT 27 bar
CYLINDER VOLUME	7,8 L.
SAFETY DEVICE	Set between 20 and 26 bar
CYLINDER MATERIAL	Stainless steel
EXTERNAL /INTERNAL TREATMENT	Sandblast and powder painting, Red Ral 3000 colour

PACKAGING

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

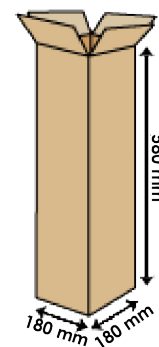
STANDARD

Maximum nr. 100 pieces for pallet
(44 pieces for box, max 2 boxes for pallet)
(12 pieces. single packaging)
Pallet dimensions 100x120x160(h) cm



ON REQUEST: SINGLE PACKAGING

- maximum 64 pieces on pallet 100x120
- maximum 48 pieces on pallet 80x120



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

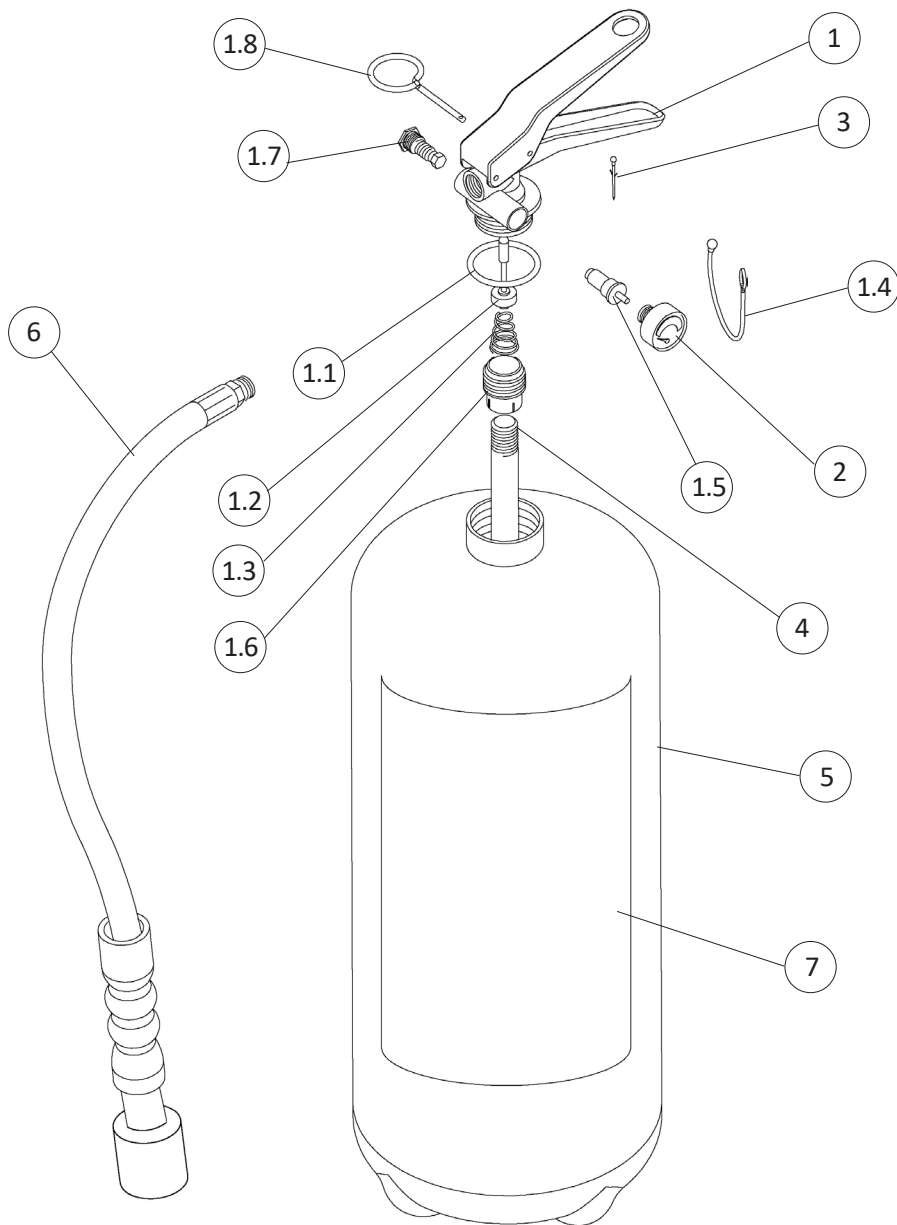


Table 1

NUM.	DESCRIPTION	NUM.	DESCRIPTION
1	Valve M. 30x1.5	4	PVC dip tube
1.1	O-ring valve	5	Cylinder
1.2	Valve stem	6	Hose with dispensing nozzle
1.3	Internal spring of the valve	7	Label
1.4	Tamper seal (red)		Foam refill (6 L. bottle, ready to use)
1.5	Test valve for pressure gauge		
1.6	Dip tube holder		
1.7	Safety device		
1.8	Safety pin		
2	Pressure gauge		
3	Safety pin seal (green)		

The spare part at number 1 includes already all others components indicated from 1.1 to 1.7