### BIOGENESIS



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

### AUTOMATIC DEVICE "INDUSTRIAL SERIES" 6 and 9 Lt Water + Additive

Included accessories

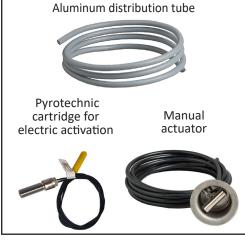
Fitting
F 3/8" for distribution tube
(4 pieces)

Pressure switch Nozzle M 3/8" (1 pieces equipped) with inox fiter (2 pieces)









Note for pressure switch:The pressurized device is "normally open". The pressure switch alone, not installed on the device, is "normally closed".

 $Note: image\ is\ for\ illustrative\ purpose\ only,\ the\ product\ purchased\ can\ has\ some\ differences$ 

- CYLINDER

  Alloy steel enexypolyeste
- EXTINGUISHING AGENT
- PROPELLANT
   Nitrogen (N<sub>2</sub>)
- VALVE
   Automatic M. 30x1.5, set 93 °C.
   (with bulb in standard equipment)
   Supplied with pressure switch
   set at 11 bar.
- USE
   A B fire rating
   (solid materials, flammable liquids)
- ACTIVATION
  - Automatic when bulb temperature is reached. On request (see optional):
  - with manual actuator with handle;
  - with pyrotechnic cartridge for electric activation.
- BRACKET
   Wall-mounted in standard equipment.

Water + additive Automatic Device, Industrial Series, available charge 6 and 9 Lt, temperature range from +5°C to +60°C, 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 mt.

#### **AVAILABLE VERSIONS**

	FOAM QUANTITY	DIMENSIONS (without bracket) H x L max x Ø cylinder (mm)	M3/Kg	DISTRIBUTION TUBE LENGTH	DISCHARGE TIME	COVERAGE AREA
	Lt 6	515 +/-5 x 160 +/-3 x 160 +/-3	0,1373	recommended 6 m	35 sec.	10 sq.m
	Lt 9	610 +/-5 x 170 +/-3 x 170 +/-3	0,1373	recommended 8 m	60 sec.	20 sq.m

APPROVED/CERTIFIED DEVICE:











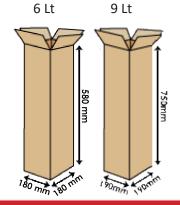
## AUTOMATIC DEVICE "INDUSTRIAL SERIES" 6 and 9 Lt Water + Additive

#### **TECHNICAL SPECIFICATIONS**

FIRE RATING	АВ		
EXTINGUISHING AGENT	98 % Water + 2 % additive EW-B		
PROPELLANT	Nitrogen (N <sub>2</sub> ) 15 Bar at 20°C		
TEMPERATURE RANGE	+5°C / +60°C		
CYLINDER PRESSURE TEST	PT 27 bar		
VALVE TIGHTENING TORQUE	Between 40 and 50 Nm		
CYLINDER MATERIAL	Alloy steel		
EXTERNAL/INTERNAL TREATMENT	Sandblast and epoxypolyestere powder painting, Red Ral 3000 colour/plastic coating inside		

#### **PACKAGING**

STANDARD: single packaging Note: the packaging quantities and measurements are indicative and can be subject at changes

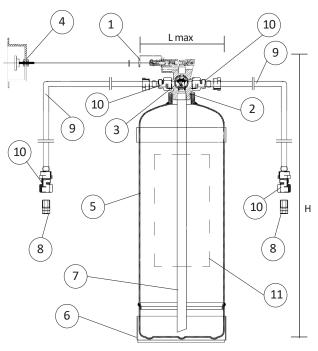


#### **MAINTENANCE AND INSTALLATION**

Install the system in vertical position using the supplied bracket. Place the distribution pipe and fix the nozzles. Remove the safety pin to make operating system.

Recommended maintenance: see specification in Use and Maintenance Manual equipped with the device, comply with the rules in use in utilization country.

#### **EXAMPLE OF AUTOMATIC DEVICE INSTALLATION**



#### **AVAILABLE THERMOSENSIBLE BULBS**

ACTIVATION TEMPERATURE	68°C	93°C	
BULB COLOUR	Red	Green	
CODE	9510	9511	

#### **SPARE PARTS**

N.	N. DESCRIPTION					
1	Valve M. 30x1.5 with thermosensible bulb for activation at 93°C					
2	Valve o-ring					
3	Pressure gauge					
4 - OPTIONAL	Manual actuator in control box(cable 10 m)					
	EW-B additive (1 lt. to mix with water, suitable for more recharging)					
5	Cylinder 6 Lt Cylinder 9 Lt					
6	Iron bracket 6 Lt Iron bracket 9 Lt					
7	PVC dip tube 6 Lt PVC dip tube 9 Lt					
8	Dispensing nozzle AVP M 3/8"					
	Inox filter for nozzle 2163-1					
9 - OPTIONAL	Aluminum distribution tube Ø 10, PVC coated					
10	Fitting F 3/8" for distribution tube					
OPTIONAL	Pyrotechnic cartridge					
11	Label					
	Pressure switch 1/8" for valve, set at 11 bar					