



EMME ANTINCENDIO S.r.l.  
www.emme-italia.com

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



Supplied  
with  
Pressure  
switch



In new installations, the devices for  
to be operative need at least of this  
components: 2164; 2165; 2163-1 (+ 2057)

See example of installation at next page

Note: items supplied only on request

1890  
Manual  
actuator



2164 - Aluminum  
distribution tube



2165 - Fitting  
F 3/8" for  
distribution tube



2166-1 - Pyrotechnic  
cartridge for electric  
activation



2163-1 (+ 2057)  
Nozzle M 3/8"  
with inox filter



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, epoxypolyestere powder painting, Red Ral 3000.
- **EXTINGUISHING AGENT**  
Water foam.
- **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 in protected control box;
  - 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

CODE	FOAM QUANTITY	DIMENSIONS (without bracket) H x L max x Ø cylinder (mm)	M3/Kg	DISTRIBUTION TUBE LENGTH	NUMBER OF NOZZLE	DISCHARGE TIME	COVERAGE AREA
11069-1	Lt 6	515 +/-5 x 160 +/-3 x 160 +/-3	0,1373	recommended 6 m	Based on choice of dispensing points of installation	35 sec.	10 sq.m
11099-1	Lt 9	610 +/-5 x 170 +/-3 x 170 +/-3	0,1373	recommended 8 m		60 sec.	20 sq.m

APPROVED/CERTIFIED DEVICE:



**FIRE  
RATING :**



# AUTOMATIC DEVICE "INDUSTRIAL SERIES"

## 6 and 9 Lt Water + Additive

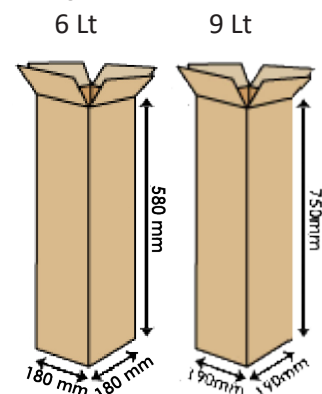
### TECHNICAL SPECIFICATIONS

FIRE RATING	A B
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*

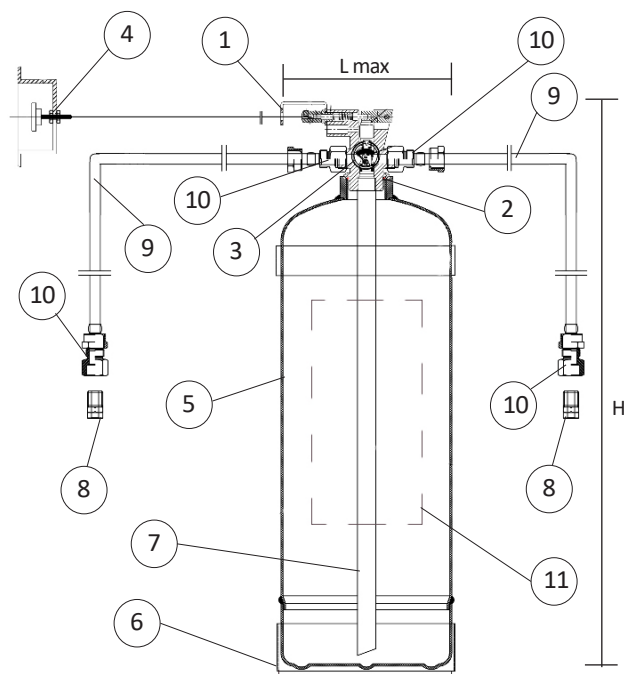


### MAINTENANCE AND INSTALLATION

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.	DESCRIPTION	CODE
1	Valve M. 30x1.5 with thermosensible bulb for activation at 93°C	1906
2	Valve o-ring	0201
3	Pressure gauge	0272
4 - OPTIONAL	Manual actuator in control box(cable 5 m)	1890
	EW-B additive (1 lt. to mix with water, suitable for more recharging)	1470-1
5	Cylinder 6 Lt Cylinder 9 Lt	0112-3 0111-2
6	Iron bracket 6 Lt Iron bracket 9 Lt	0316-1 0318-1
7	PVC dip tube 6 Lt PVC dip tube 9 Lt	0154 0155-1
8 - OPTIONAL	Dispensing nozzle AVP M 3/8"	2163-1
	Inox filter for nozzle 2163-1	2057
9 - OPTIONAL	Aluminum distribution tube Ø 10, PVC coated	2164
10 - OPTIONAL	Fitting F 3/8" for distribution tube	2165
OPTIONAL	Pyrotechnic cartridge	2166-1
11	Label	2064-2
	Pressure switch 1/8" for valve, set at 11 bar	1161

#### EMME ANTINCENDIO S.r.l

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ds_ind.foam	-	09/10/20	M.R	MR	2	2