



AUTOMATIC DEVICE "INDUSTRIAL SERIES" 3-6-12 Kg Powder

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

See example of installation at next page



Note: items supplied only on request

Manual actuator



Aluminum distribution tube



Fitting F 3/8" for distribution tube



Pyrotechnic cartridge for electric activation



Nozzle M 3/8"



Supplied with Pressure switch



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

Powder Automatic Device, Industrial Series, available charge 3, 6, 12 Kg , temperature range from -30°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.

- **CYLINDER**
Alloy steel, epoxy polyester powder painting, Red Ral 3000.
- **EXTINGUISHING AGENT**
ABC Powder - MAP 20 %
- **PROPELLANT**
Nitrogen (N₂)
- **VALVE**
Automatic M. 30x1.5, set 93 °C. (with bulb in standard equipment)
Supplied with pressure switch set at 11 bar.
- **USE**
A B C fire rating (solid materials, flammable liquids, flammable gas).
- **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.

AVAILABLE VERSIONS

| | POWDER QUANTITY | DIMENSIONS (without bracket) H x L max x Ø cylinder (mm) | M3/Kg | DISTRIBUTION TUBE LENGTH | NUMBER OF NOZZLE | DISCHARGE TIME | COVERAGE AREA |
|--|-----------------|---|--------|--------------------------|--|----------------|---------------|
| | Kg 3 | 440 +/- 5 x 140 +/- 3 x 130 +/- 1 | 0,1373 | recommended 4 m | Based on choice of dispensing points of installation | 20 sec. | 5 sq.m |
| | Kg 6 | 490 +/- 5 x 160 +/- 3 x 160 +/- 3 | 0,1373 | recommended 6 m | | 35 sec. | 10 sq.m |
| | Kg 12 | 590 +/- 5 x 190 +/- 3 x 190 +/- 3 | 0,1373 | recommended 8 m | | 60 sec. | 20 sq.m |

APPROVED/CERTIFIED DEVICE:



FIRE RATING :



AUTOMATIC DEVICE "INDUSTRIAL SERIES"

3-6-12 Kg Powder

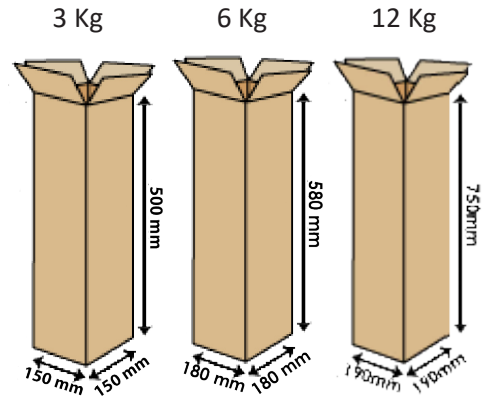
TECHNICAL SPECIFICATIONS

| | |
|-----------------------------|--|
| FIRE RATING | A B C |
| EXTINGUISHING AGENT | EPW 18462 (ABC powder - MAP 20 %) |
| PROPELLANT | Nitrogen (N ₂) 15 Bar at 20°C |
| TEMPERATURE RANGE | -30°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 epoxy polyester powder painting, Red Ral 3000 colour |

PACKAGING

STANDARD : single packaging

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

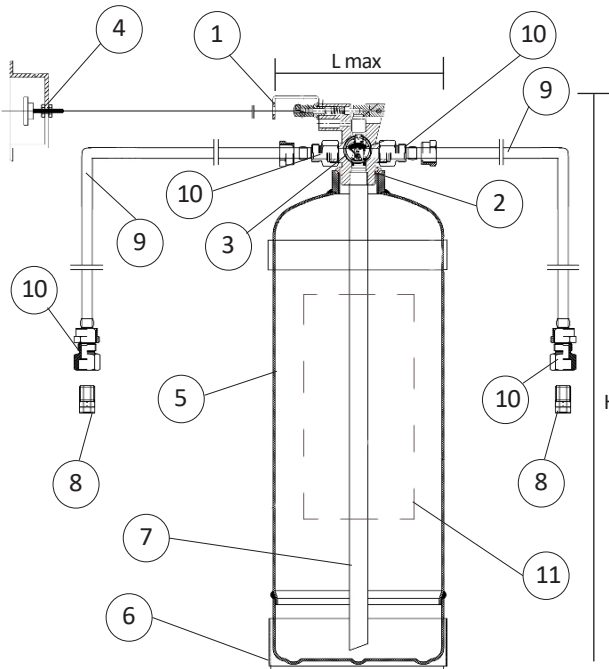


MAINTENANCE AND INSTALLATION

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 | |
|---------------|---|--|
| 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 5 m) | |
| 5 | Cylinder 3 Kg Cylinder 6 Kg Cylinder 12 Kg | |
| 6 | Iron bracket 3 Kg Iron bracket 6 Kg Iron bracket 12 Kg | |
| 7 | PVC dip tube 3 Kg PVC dip tube 6 Kg PVC dip tube 12 Kg | |
| 8 - OPTIONAL | Dispensing nozzle AVP M 3/8" | |
| 9 - OPTIONAL | Aluminum distribution tube Ø 10, PVC coated | |
| 10 - OPTIONAL | Fitting F 3/8" for distribution tube | |
| OPTIONAL | Pyrotechnic cartridge | |
| 11 | Label | |
| | Pressure switch 1/8" for valve, set at 11 bar | |