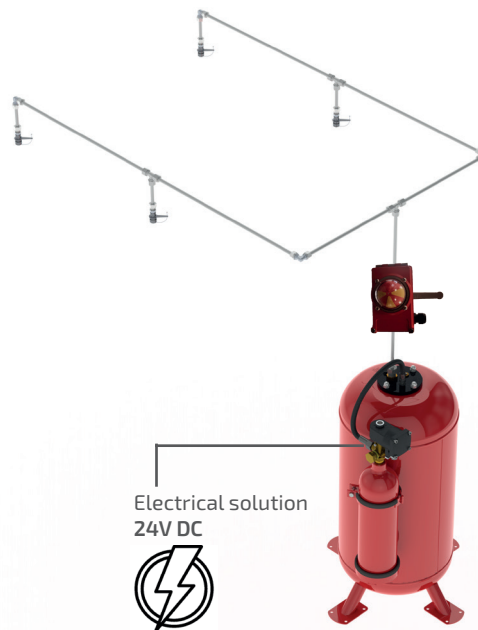


# FIRETREX® EV WATER-POWDER (HIGH CAPACITY SOLENOID VALVE)

↳ The **FIRETREX® EV** Large Capacity automatic fire-extinguishing system consists of a tank of extinguishing agent and an automatic detection system (detectors) controlled by a fire-extinguishing control centre. The emission of an electrical voltage triggers the extinguishing mechanism.

↳ Possibility of retrieving information via the I.S.S,

↳ Ideal for the protection of sensitive areas requiring early detection.



## ↘ TANKS & DETECTION

CAPACITY	ITEM N°
<b>High capacity</b>	
FIRETREX EV 50 L empty (need additive)	Consult us
FIRETREX EV 50 Kg ABC full	A026426
FIRETREX EV 100 L empty (need additive)	Consult us
FIRETREX EV 100 Kg ABC full	Consult us
<b>DECT EN54</b>	
Extinction station 3 Detection Zones, 1 Extinguishing Zone (Available in Multizone)	A028174
<b>Detector EN54</b>	
Thermal Detector EN54	Consult us
Optical Sensor EN54	A028178
Optical Sensor Base EN54	A028179
Flame detector 1 IR	A028175
Ball joint for flame sensor 1 IR	A028177
Yellow manual override	A024133
Blue manual override	A024134
Sirene 110db EN54-23	A028620
Sirene Flash 110db EN54-23	A028621
DFHS Laser Firelink 1 Tube 50m EN54-20 (suction sensor)	A028617
Reduction M3/4 F25mm For DFHS Firelink	A028616

Electrical solution  
24V DC



CAPACITY	ITEM N°
<b>DECT EN54 with LCD screen</b>	
DECT EXGO +2 batteries + key	A024127
<b>Detector EN54 with LCD screen</b>	
Connection box for EXGO	A024135
Optical smoke detector + base for EXGO	A024219
Double-action yellow manual override EXGO	A024133
Sound siren for EXGO	A024132
Illuminated Panel Forbidden Entry IP65	A023350
Immediate Evacuation Label for A023350	A026159
Door panel IEAG Firetrex 210*297 PVC ADH	A026186
Report alarm EXGO	A024430
EXGO 8 relay card	A024429



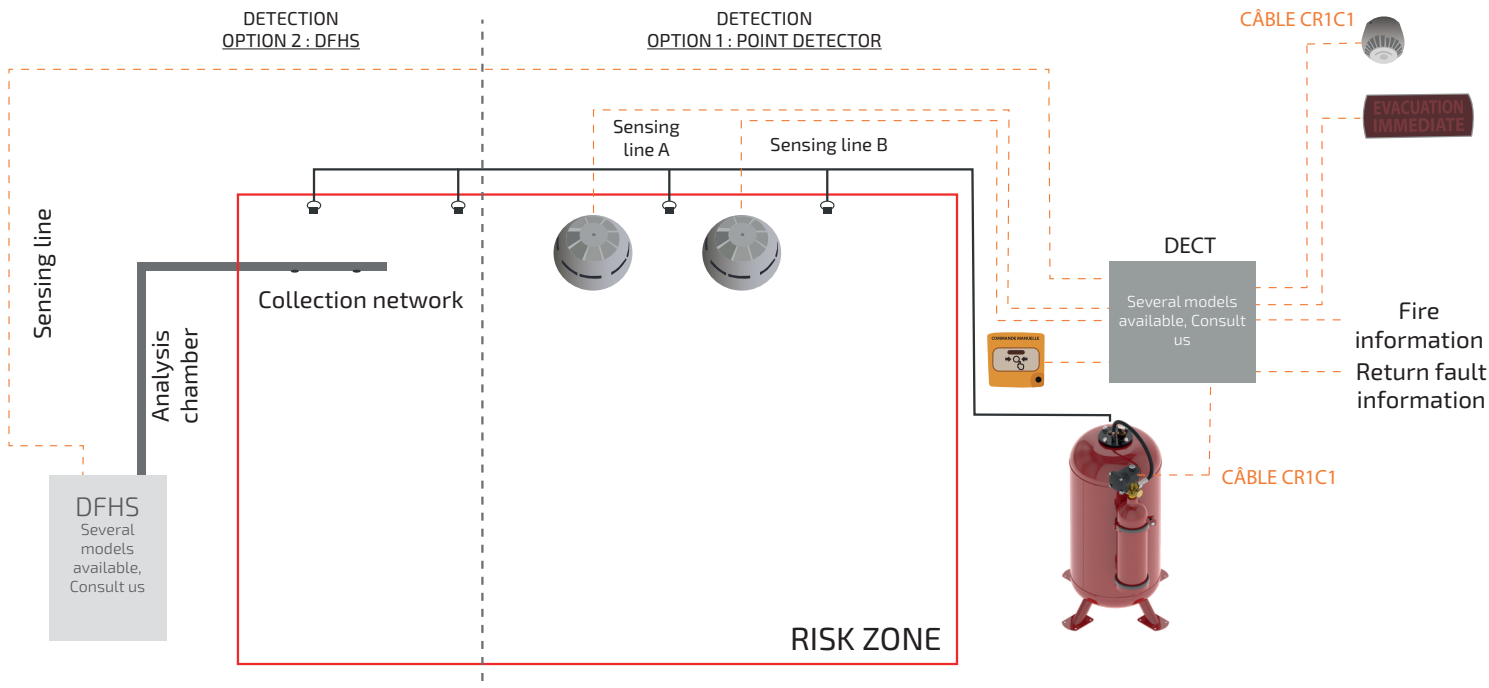
## CRITICAL INFORMATION

- ↳ Several types of detectors are available :
  - Smoke detectors
  - Heat detector
  - Flame detector
  - DFHS (High Sensitivity Smoke Detector)
- ↳ The system works if 2 lines are on fire: detection then confirmation.
- ↳ There are two possible detection options :
  - 1: punctual, poorly ventilated areas
  - 2: multi-function (DFHS), ventilated areas, early detection.

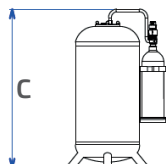
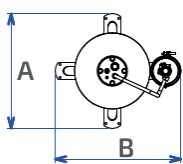
DOSAGE INSTRUCTIONS	
ADDITIVE	DOSAGE
SC6	1L / 50L
Bioversal	3L / 50L
Antigel	13.5L / 50L

CAPACITY	DISCHARGE PIPE				
	PIPE LENGTH DIAMETER 16	CHANGE OF DIRECTION PIPE	WATER BUSE	ABC POWDER BUSE	D POWDER BUSE
Item N°	A022425 A017545		A022156 A022157 A014115 A021747 A027644 A017213	A024343 A027644 A014999	A024055
25 L	10	2	2	-	-
50 L	10	3	4	-	-
100 L	2 X10	7	8	-	-
25 Kg	10	2	-	2	1
50 Kg	10	3	-	4	2
100 Kg	2 X10	5	-	8	4

## SCHEMATIC DIAGRAM



DIMENSIONS (CM)			
Kg/L	A	B	C
50	540	550	890
100	558	626	905



## INSTALLATION ACCESSORIES

DESIGNATION	ITEM N°
D9 cable gland	A014745
D6 (D12,Ep3) Tube Thread Passage	A002442
IRO D16 tube by the metre	A008774
IRO D20 tube by the metre	A013964
Junction box 80 x 80 x 45 96° IP55 IK07	A008898
Colring (pack of 100)	A009087
Self-adhesive base for colson collar	A002441
Neutralization valve without housing	A028781
Neutralization valve with housing	A028782

## SENSING LINE

DESIGNATION	ITEM N°
<b>Panels 150x60</b>	
Installation protected by a FIRETREN automatic system	A021726
FIRETREN manual extinguishing control	A021727
Illuminated sign for immediate evacuation	A023350
<b>Cables</b>	
Electric cable smoke detection CR1C1 9/10 pair	A004474
Electric cable smoke detector CR1C1 2 x 1.5 orange	A008570
Electric cable smoke detection CR1C1 3G 1.5	A008908

↘ FIRE-EXTINGUISHING PIPE

**BRASS RANGE**

↘ NICKEL-PLATED BRASS CONNECTION DIAMETER 16 :

DESIGNATION	ITEM N°
Union equals diameter 16	A029065
Union diameter 16 ½	A029066
Equal elbow diameter 16	A018769
Elbow diameter 16 ½	A018770
Tee equal diameter 16	A029062
Tee diameter 16 ½	A029063
Conical extension fitting male 1/4 fem 1/2	A017606
Tee diameter 16 threaded ½	A029064
Union equals diameter 16 female	A029068

↘ PIPING AND SUPPORTS :

DESIGNATION	ITEM N°
Tube Ø 16 bar of 2 meter (price per meter)	A022425
Clamp shells Ø 16 polypro steel screws	A017541
Clamp D16 alumina + steel screw + plate	A023502

**OTHERS**

↘ BUSES :

DESIGNATION	ITEM N°
Brass multiple jet nozzle 130° 1/2" BSP	A017213
Stainless steel nozzle Water 40°.	A022156
Stainless steel nozzle Water 15°.	A022157
FIRETREX stainless steel water diffusion nozzle	A014115
Water diffusion nozzle 10L/min at 4 bars	A021747
Powder Diffusion Brass Nozzle 45° FIRETREX	A014999
Powder D nozzle M diam 16	A024113
17 Ball joint (M/F 1/4") stainless steel	A027916
Stainless steel nozzle 40° (F 3/8") powder and EPA	A027644
Brass nozzle (F 3/8 ") powder and EPA	A024343
Réduction (M/F 3/8 - 1/4") Buse Poudre ABC	A027983

↘ FLEXIBLE :

DESIGNATION	ITEM N°
Stainless steel flexible hose Ø16 smooth end Lg 600mm	A019498
Stainless steel flexible hose Ø16 smooth end Lg 800mm	A019497

**STAINLESS STEEL RANGE**

↘ STAINLESS STEEL CONNECTION DIAMETER 16 :

DESIGNATION	ITEM N°
Union equals diameter 16	Consult us
Union diameter 16 ½	Consult us
Equal elbow diameter 16	Consult us
Elbow diameter 16 ½	Consult us
Tee equal diameter 16	Consult us
Tee diameter 16 ½	Consult us
Conical extension fitting male 1/4 fem 1/2	Consult us

↘ PIPING AND SUPPORTS :

DESIGNATION	ITEM N°
Pipe diam 16 by the metre ep1 mm INOX	A017545
Shell Necklace D16+D10 (PP black) & stainless steel accessories	Consult us
Shell Necklace D16 + D10 (PP black) & Accessories	Consult us

↘ SPECIFIC CONNECTION :

DESIGNATION	ITEM N°
Bulkhead bulkhead adapter nozzle fitting	A014528
Bulkhead bulkhead 1/4 for nozzle connection	A014527
Extension M/F cylindrical 1/4-1/4 height 27mm	A014743
Extension M/F cylindrical 1/4-1/4 height 43mm	A014744
Réduction male femelle cylindrique 1/2-1/4	A021070
Check valve HP 1/2	A022430
Check valve HP 1/4	A022431
Double junction Ø 10	A021069
MF BSP 1/4 45° Elbow	A022428
Elbow through bulkhead Ø 10	A022429
Bulkhead crosspiece nicklele with ring DN10	A023496
Bulkhead rail 1/2	A023498

↘ You will find the visuals of the spare parts and the extinguishing pipes at p.168.