

(**)RECOMENDACIONES DE INSTALACIÓN DE LOS CARTUCHOS DE AEROSOL
(**)RACCOMANDAZIONI SULL'INSTALLAZIONE DELLE CARTUCCE DI AEROSOL

General Precautions

- 1) The FirePro® units can be installed on walls or (suspended) ceilings, in cubicles, etc.
- 2) Do not install any FirePro® units between the possible place of combustion and points by way of which the excess pressure of the objects can disappear: doors, holes, windows, covers, etc.
- 3) The installation of FirePro® units in the vicinity of openings is not recommended. FirePro® units that are used for the protection of specific objects must be installed so that during the operation of the extinguisher the room can be filled with the extinguishing aerosol.
- 4) The discharge of the aerosol may not be impeded by objects at the exit outlet of the aerosol fire extinguisher.
- 5) It is also important to note that, if there are objects placed too close to the discharge opening, they may be damaged by a high aerosol temperature. To prevent damage to objects steps must be taken to ensure that a safe distance is maintained in a straight line from the aerosol discharge opening. This can be derived from the following table:

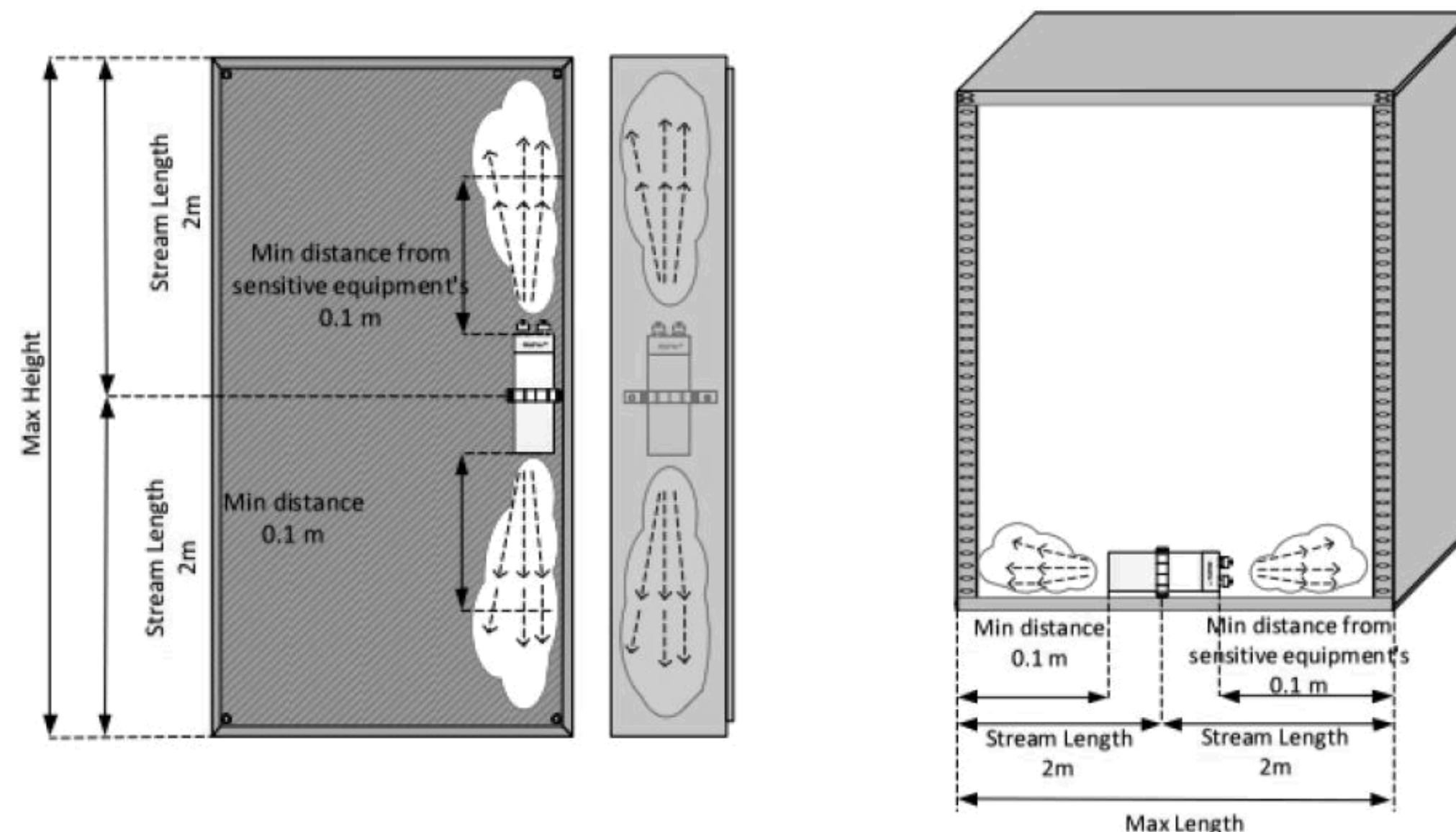
Aerosol temperature and time of action								
		Discharge outlets	Discharge length (m)	Discharge temperature (°C)			Discharge duration (sec)	
Ref.	Model			L1,(m)	L1-L2,(m)	L2-L3,(m)	Min.	Max.
1	FP-8	1	0.5	0-0.1	0.1-0.2	0.2-0.3	3	6
2	FP-20SE/FP-20S	2	0.5	0	0-0.0	0.0-0.1	3	6
3	FP-40S	2	1.2	0	0-0.0	0.0-0.1	4	8
4	FP-80S	2	2.0	0	0-0.0	0.0-0.1	4	8
5	FP-100S	1	1.0	0	0-0.0	0.0-0.1	5	10
6	FP-200M	1	2.0	0	0-0.1	0.1-0.3	10	15
7	FP-200S	1	2.0	0	0-0.1	0.1-0.3	5	10
8	FP-500S	1	2.5	0	0-0.2	0.2-0.5	5	10
9	FP-500S w/n	1	2.0	0	0-0.0	0.0-0.3	5	10
10	FP-1000M	2	3.0	0-1.0	1.0-1.5	1.5-2.5	20	25
11	FP-1200/1200S	1	3.5	0	0-0.2	0.2-1.2	10	15
12	FP-2000/2000S	1	3.5	0	0-0.2	0.2-1.2	10	15
13	FP-3000/3000S	1	4.0	0	0-0.7	0.7-1.7	15	20
14	FP-5700/5700S	1	8.0	0	0-0.8	0.8-1.8	15	20

L1 = Distance in metres between the outlet and the point where the temperature is > 300°C
 L2 = Distance in metres between the outlet and the point where the temperature is > 200°C
 L3 = Distance in metres between the outlet and the point where the temperature is < 75°C


Note: the temperatures shown under discharge temperature relate to the distances. In cases of storage of materials, cables, sensitive parts and/or the presence of persons, prevent them from coming into contact with discharges the heat of which is such that it can give rise to damage and/or injury. The distances shown under "Discharge Length" are those to be regarded as a maximum to obtain a rebound of discharge onto the surface (such as the floor) that then guarantees a good homogeneous spread of the aerosol in the protected compartment.




- 6) Important: ensure that no dirt, oil, corrosive substances and other contaminants can find their way into the FirePro® units.
- 7) Use specific bracket to install the cartridge, as per:
 - a. D-09467 (Aerosol Kit ARS 80)
 - b. D-09468 (Aerosol Kit ARS 200)

Recommended Position of Aerosol Kit ARS 80 - D-09467



MARCA MARCA	DESCRIPCIÓN DESCRIZIONE	CANT. QUANT.	CÓDIGO O NORMA CÓDICE O NORMA	MATERIAL O REFERENCIA MATERIALE O REFERENZA	PESO PESO (Kg)	DIMENSIONE DIMENSIONE (mm)
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LOCOMOTIVA E401			ISO 2768-cK DIN ISO 13920-BF	232.2	A2	BEASAIN	OT	
K	Agreg. vista G-G	04/01/2017		56226				
	Agr. M.78. Act.Vistas							
L	Agreg.M79-94.ElLim.M0120	10/01/2017		56217				
	02,10,50.Mod.cant.M18							
	23,27,29,37,39,58.							
	Nueva distribución							
	elementos. Agreg. H3							
Ed.	Descrizione	Date	Nome					

-	-	Disegnato	17/07/2015	10586	ARMARIO MV1 ARMADIO MV1
		Comprovato	23/07/2015	13586	
		Verificado	23/07/2015	14422	
		Date	Nome		
		es/it			

CONSTRUCCIONES Y AUXILIAR DE FERROCARRILES, S. A. BEASAIN (GIPUZKOA)	B.20.83.004	L	4/4
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