

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

## **General Precautions**

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- The FirePro® units can be installed on walls or (suspended) ceilings, in cubicles, etc.
- 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
- 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 |                |                   |     |                            |           |           |                             |      |
|--|----------------|-------------------|-----|----------------------------|-----------|-----------|-----------------------------|------|
| Ref.                                   | Model          | Discharge outlets |     | Discharge temperature (°C) |           |           | Discharge duration<br>(sec) |      |
|  |                |                   |     | L1,(m)                     | L1-L2,(m) | L2-L3,(m) | Min.                        | Max. |
| 1                                      | FP-8           |                   | 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    | <b>41</b> 0       | 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  | 01/2              | 3.5 | 0                          | 0-0.2     | 0.2-1.2   | 10                          | 15   |
| 12                                     | FP-2000/2000S  | 11                | 3.5 | 0                          | 0-0.2     | 0.2-1.2   | 10                          | 15   |
| 13                                     | FP-3000/3000S  | <b>1</b>          | 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   |

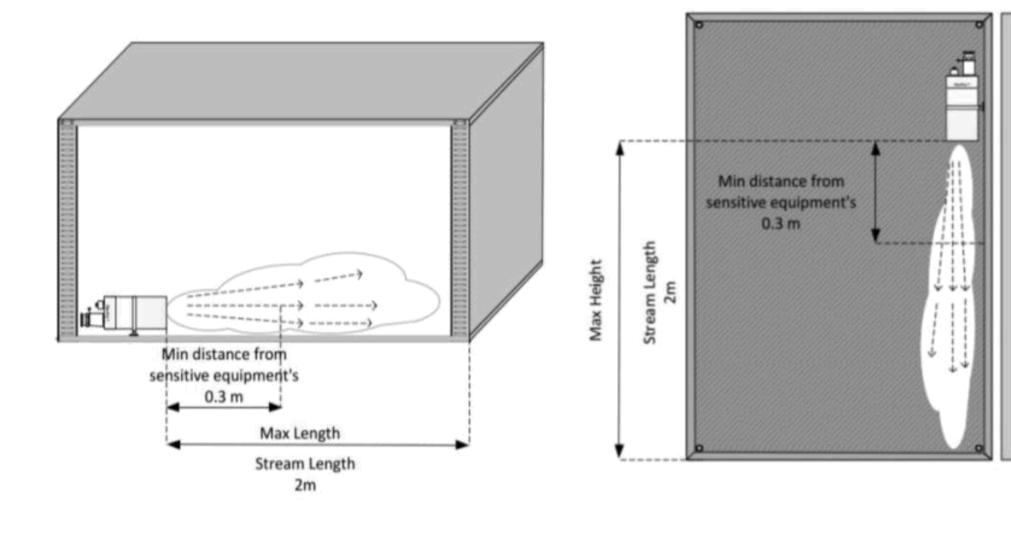
L1 = Distance in metres between the outlet and the point where the temperature is > 300°C
L2 = Distance in metres between the outlet and the point where the temperature is < 200°C

= Distance in metres between the outlet and the point where the temperature is

<u>Note:</u> 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 200 - D-09468



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