

Additional instructions

- Place the ampoules on the spot where in case of fire the temperature is most likely to increase rapidly (e.g. on the ceiling or on the wall, closest to where there is the highest probability of fire).
- The automatic extinguishing of class A fire with the **BONPET** ampoule will be most efficient if each ampoule covers 8 cu.m. In the day to day storage of fuel or other inflammable substances install one ampoule per each sq. m. of floor surface.
- In offices or workshops where the ceiling is higher than standard and there is a lot of wooden furniture or material the ampoules shall be fixed in zigzag sequence at 2 to 3 sq.m.
- In case there is oil on the cooker or the flame has reached inflammable substance on the cooker **DO NOT THROW THE AMPOULE INTO THE FIRE BUT AGAINST THE WALL IN IMMEDIATE VICINITY** thereby making sure that the extinguishing liquid is dispersed on the burning surface.
- Should fire break out in the close vicinity of electrical conduits or on electrical installations themselves throw the **BONPET** ampoule near the power point if you wish to extinguish the fire.

- If the extinguishing substance hits the power point you may cause a short circuit. When the solution is activated it does not harm the electrical installations.
- In the areas without ceiling or in the rooms which are always open (draughty) the **BONPET** ampoules are not as efficient as when an ampoule is thrown in open air.
- Should a fire break in a room where **BONPET** ampoules are installed, they will be activated but not the ampoules in the neighbouring rooms.
- The extinguishing liquid **BONPET** produces a thin emulsion film which prevents the fire to ignite again on the surfaces on which it has been extinguished as a primary fire. However in case of inflammable gas or liquid leakage fire may break out again after it has been put out with the fire extinguishing ampoule **BONPET**. Make sure that there is no leakage of gases or liquids.
- Whether the solution for extinguishing will be sufficiently dispersed to put out the fire depends on the circumstances under which the fire has broken out or on complexity of the area where it has been burning.

- The **BONPET** ampoule is made of 1 m thick glass and you must handle it with care. Should the ampoule crack and the fissure is almost invisible, it will become useless for automatic extinguishing.

The information in these instructions has been obtained with the manufacturer and on the basis of international and domestic tests.

DECLARATION OF GUARANTEE

BONPET FIRE EXTINGUISHER AMPOULE WILL PUT OUT THE FIRE COMPLETELY IN CASE OF IDEAL CONDITIONS AND IF THE ELEMENTS OF THE SOLUTION ARE RELEASED WITH MAXIMUM INTENSITY. THE MANUFACTURER DOES NOT GUARANTEE THE COMPLETE EXTINGUISHING OF FIRE UNDER EXTRAORDINARY CONDITIONS. A USER IS REQUESTED TO CAREFULLY STUDY THESE INSTRUCTIONS, TO ASSURE THE CORRECT INSTALLATION OF THE AMPOULE AND THEREBY IT'S ADEQUATE FUNCTIONING. SHOULD THE USER FAIL TO COMPLY WITH THESE INSTRUCTIONS THE MANUFACTURER DECLINES ALL RESPONSIBILITY FOR DAMAGES INCURRED BY THE FIRE. SHOULD THE AMPOULE BE DAMAGED DURING THE MANUFACTURING IT WILL BE REPLACED FREE OF CHARGE BY THE AUTHORISED DISTRIBUTER.

Bonpet

AMPOULE EXTINGUISHER

INSTRUCTIONS MANUAL

BONPET ampoules are activated automatically when the temperature of the substance in the ampoule has reached 90° C.

Read carefully the instructions contained herein in order to assure maximum efficiency of the extinguishing substance **BONPET**. Should you need any further explanation, please do not hesitate to consult the manufacturer.



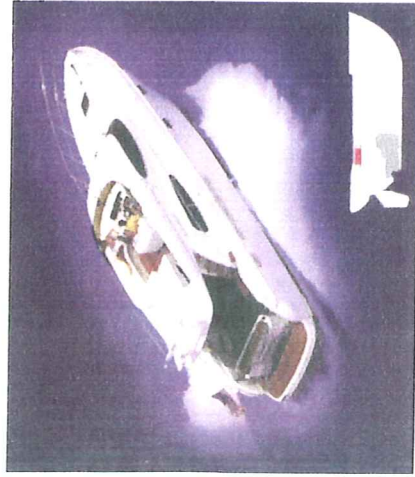
PRODUCER FOR
SLOVENIA AND FOR EUROPE

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CASES OF INSTALLATION



Vessels



Boiler room



Kitchen

THE BONPET AMPOULE EXTINGUISHER IS DESIGNED TO EXTINGUISH THE PRIMARY FIRE IN A CLOSED AREA AND IS EFFICIENT FOR FIRES OF CLASS A (8 cu.m. of space) AND OF CLASS B (of burning surface 44 x 44 cm)

- **Automatic extinguishing with BONPET ampoule extinguisher**

In case of fire the temperature in a space increases and the chemicals in the ampoule start producing gases. When their pressure exceeds certain limit, the glass ampoule breaks up and the extinguishing liquid is sprayed onto the surface of the burning objects, which is situated close to the point where the ampoule is placed. When the ampoule is placed at the height of 2 m, the extinguishing liquid will ordinarily be sprinkled to the distance of 2 m if no hindrances stand in the way and no wind is blowing. The solution will quickly cool down the burning surface and the gases that have been produced will prevent the oxygen to reach the burning objects. Thereby the fire will be efficiently extinguished.

- **Fire extinguishing by throwing the BONPET ampoule**

Should a fire break out outside the room where the BONPET ampoule is placed, it is to be taken off the supports on which it is fixed and thrown into the wall or ceiling as close over the fire as possible to make sure that the liquid is dispersed onto the burning surface.

- **Fire extinguishing liquid BONPET as an additive to the water for extinguishing**

An ampoule will be emptied into a container with 10 liters of water and stirred. The mixture thus obtained is an efficient fire extinguishing substance to be poured onto the burning surface.

- **The BONPET fire extinguishing substance is harmless for people**

The BONPET ampoule will be activated automatically when the temperature of the extinguishing liquid has reached 90° C. This happens when the temperature around the ampoule exceeds 150° C which are usual conditions for a room on fire. No living creature can survive in such place. That is why there is no danger of the glass particles injuring anybody. The glass shatters and is dispersed but in the distance not greater than the height of the place where the ampoule is fixed.

- **The extinguishing liquid and the gases are harmless to people and environment**

The dispersed fire extinguishing substance BONPET and the gases produced are not hazardous for living creatures and for the environment. HOWEVER THE LIQUID BONPET IS NOT POTABLE. SHOULD IT ACCIDENTALLY COME IN TOUCH WITH EYES OR MUCOUS MEMBRANES RINSE IT WITH WATER. KEEP OUT OF TOUCH FOR CHILDREN. Should the ampoule be broken by accident wipe off the BONPET liquid and the glass particles with wet cloth and rinse your hands.

- **Weather and climatic conditions**

BONPET will be activated regardless to weather or climatic conditions. IN PARTICULARLY COLD WEATHER, WHEN THE TEMPERATURE AROUND THE AMPOULE FALLS TO 23° C THE LIQUID IN THE AMPOULE MAY FREEZE. IN THIS CASE IT TAKES LONGER FOR THE AMPOULE TO BE ACTIVATED IF FIRE BREAKS OUT.

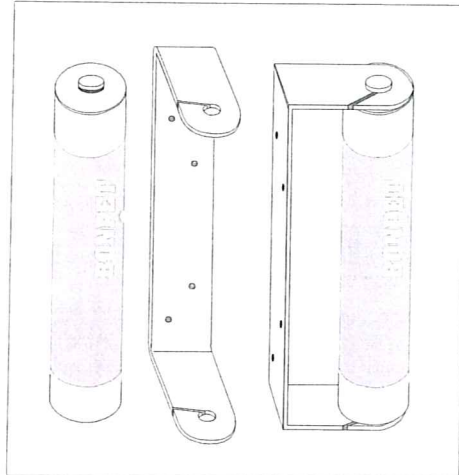
- **Long life span of the liquid**

If not exposed to the outside conditions e.g. the ampoule gets unsealed the fire extinguishing liquid BONPET remains usable for ten years.

The extinguishing liquid BONPET needs not be periodically replaced as other chemicals. The red colour of the chemicals will in the course of time fade under the influence of the UV rays. It does not diminish the performance of the solution in the ampoule.

- **Fixing placing of the extinguishing ampoule BONPET**

Several fixing holes are available for fixing of the ampoule. Minimum 2 holes will be used depending on the place of fixing the ampoule. The notches on the support should be turned upwards.



- The BONPET ampoule shall always be fixed horizontally (not vertically or slanting)
- When fixing the BONPET ampoule on the wall or on the ceiling where fixing is not reliable, use a piece of wood which shall be fixed first.
- Should the glass ampoule be separated from the metal covers, make sure that the distance pieces in the covers are not mixed up. The red plastic distance pieces shall be placed on the welded side of the ampoule (the conical end).

- **Where is the BONPET to be installed ?**

Carefully read the instructions and place correctly the ampoule using the right tools. Should you fail to place the ampoule correctly the BONPET ampoule performance may be inadequate.

1. **Installation of BONPET ampoule in a boiler room :**

A BONPET ampoule can be installed on a wall in the vicinity of a firing place gate or of an oil burner (the height where it is to be fixed is 2 m or a little higher) or on the ceiling.

2. **Installation of BONPET ampoule in a kitchen resp. where fire is used :**

A BONPET ampoule is fixed close to the source of heat which is a potential cause of fire outbreak (boiler, oven etc.). A BONPET ampoule is placed minimum 60 cm above the oven or as close as possible to the cooker hood above the oven to avoid the damage to the ampoule while cooking.

3. **Additional places for Installation of BONPET ampoule :**

In case of a multi-storey building it is recommended that an adequate number of ampoules is fixed onto the ceiling or walls in stairs. The objective is to prevent spreading of fire from one storey to another.

4. **Installation of BONPET ampoule in offices, warehouses, and factories**

The above instructions shall generally be applied for installation in offices, warehouses, and factories. The number of ampoules is determined by the purpose of the building and objects it contains.

PLEASE CONSULT THE DISTRIBUTOR TO DETERMINE THE APPROPRIATE NUMBER OF AMPOULES.