

FIRE SNIPER SYSTEM



LPS 1666: Issue 1.0
Cert/LPCB ref. 1604a



RESGUARDO[®]

LPCB APPROVED FIRE SNIPER SYSTEM

Direct Low Pressure(DLP) Fire Suppression System

Most companies and establishments have full-fledged fire detection and protection systems such as fire alarms, hydrants system, sprinkler system, fire extinguishers etc., But there are quite a few important additional equipments, machineries and electrical panel boards which require a customized micro level protection. As these are the **hidden, in-accessible and unmanned points**. Fire sniper systems are simple, cost effective and maintenance free. This pre-engineered system can address the issues at its origin and incipient level.

The system comprises of a cyclinder charged with the extinguishing agent, actuation valve with pressure gauge and the polyamide heat and flame detection tube. The polyamide heat and flame detection tube is red in color, flexible, can be routed inside the cabinet or equipments - close to the point of fire risk and has the burst temperature between 110°C - 140°C.

In case of flame impingement or exposure to heat, the pressurized tube will burst at the hottest point. The fire extinguishing agent is discharged through the burst point directly to the heart of the fire.

Design Reg. No. 265135
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Government of India



**INTELLECTUAL
PROPERTY INDIA**
PATENTS | DESIGNS | TRADEMARKS
GEOGRAPHICAL INDICATIONS

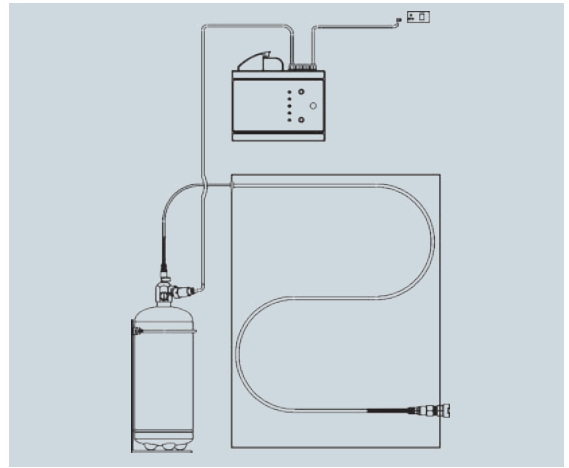


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DETECTION TUBING

- 🔥 Heat and flame detection polyamide tubing
- 🔥 Outer diameter - 6mm
- 🔥 Inner diameter - 4mm
- 🔥 Color - red
- 🔥 Burst temperature 110°C - 140°C



EXTINGUISHING AGENT

FK-5-1-1-2

- 🔥 An environmentally preferred substitute for halon with zero ODP and low GWP
- 🔥 Clean and does not leave residue
- 🔥 Electrically non conductive
- 🔥 Safe for people and animal
- 🔥 UL Recognized and FM Approved.



INDICATION PANEL

Resguardo fire indication panel is a simple, easy to use device which is used to monitor the status of a cylinder. It monitors the pressure switch condition which is attached to the cylinder and then activates strobe siren along with other output relays when an alarm signal is received.

- 🔥 Operates on 230V, 50Hz AC power supply.
- 🔥 Standby (battery) backup 12V DC power supply with built in charger.
- 🔥 System ON indication.
- 🔥 Standby status indication.
- 🔥 Alarm mute option
- 🔥 3 output relays – For automatic cut off main power supply.
- 🔥 Audio visual strobe siren - 110DB.
- 🔥 Battery backup - 120Hrs







SYSTEM APPROVAL



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BENEFITS

-  Initial Level of Fire Fighting
-  Automatic Fire Detection & Suppression System
-  No Man Power, No Power Supply
-  Zero Ozone Depletion Potential

Chemical - Dodecfluoro - 2 - Methylpentan - 3 - One (FK-5-1-1-2)

- 5-day Atmospheric Lifetime
- Low Global Warming Potential
- Electrically Non-Conductive
- UL Recognized and FM Approved



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