

## Concept with Hochiki

### Conventional Fire Detection System



#### Detectors

Model SLR-E3 is a photoelectric Detector, which is fully compatible with the majority of existing Conventional systems. The SLR-E3 incorporates Hochiki's unique High Performance photoelectric smoke chamber removing the need to use Ionisation Smoke Detectors in the majority of applications. This also allows the Detector threshold level to be increased, thereby improving the signal to noise ratio and reducing the susceptibility to false alarms. An integral third terminal provides a remote indicator output. The smoke chamber is easily removed or replaced for cleaning and utilises a unique baffle design which allows smoke to enter the chamber while keeping out ambient light.

a wide range of applications from sensitive electrical equipment to industrial applications.

SLR-E3 is ideal for applications where reliable detection is essential.

The following are typical hazards protected by SLR-E3 detectors:

- Computer rooms
- Document store
- Tape storage
- Telecommunication/Switchgear
- Vaults
- Process equipment
- All normally occupied or unoccupied electronic areas where equipment is either very sensitive or irreplaceable

- Low Profile Design With One Piece Outer Cover
- Twin Fire LEDS Allow 360 Degree Viewing
- Range Of Mounting Bases
- Approved By LPCB and VdS

**Detection System** – The Concept Fire Suppression Ltd Control System is used where an automatic electronic control system is required to actuate the Fire Suppression Agent. This control system is used to control a single fixed fire suppression or alarm system based on inputs received from fire detection devices. The detection circuits can be configured using coincidence or independent inputs. The control system is designed to BS5839 and BS6266.

Make Concept Fire Suppression Ltd with SLR-E3 part of your fire protection plan.

#### Application

SLR-E3 provides superior fire protection in

#### Features

- Removable High Performance Chamber
- Remote Indicator Output
- Wide Voltage range (9.5~30v dc)



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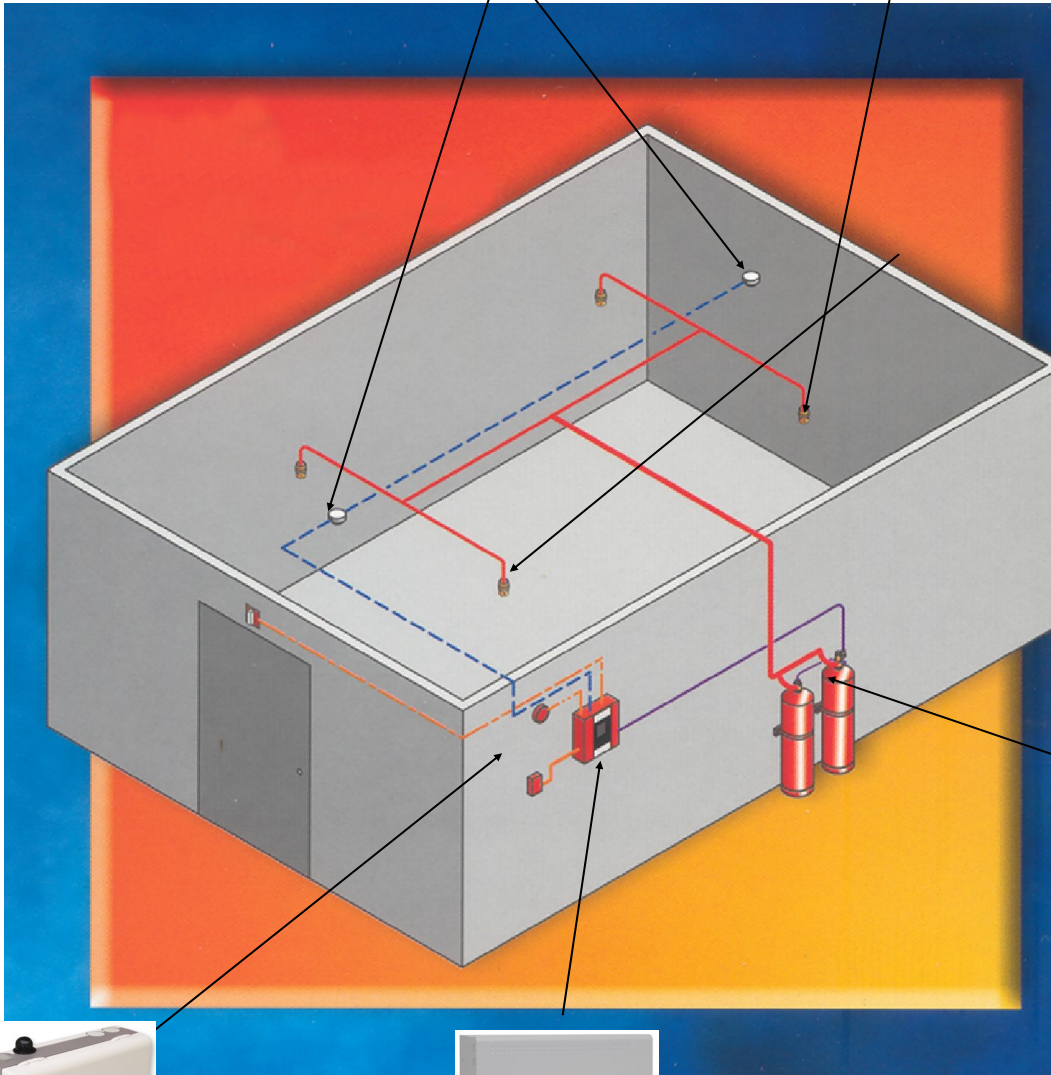
### Smoke Detectors

Smoke detectors arrange so that two detectors from two zones are require before the gas is discharged.



### Discharge Nozzles

From 10mm to 50mm discharge nozzles ensure the gas agent is discharged throughout the room and voids.



### Cylinders

5L, 9L, 16L, 26L, 45L, 83, and 150L agent cylinders 25bar.



### Optional VESDA Detection

For increased levels of detection VESDA is utilised to give early warning of a fire.



### Control Panel

3 to 8 zone control panels controlling 1 to 4 areas.

FM-200 is a registered trademark of Great Lakes Chemical Corp.  
FE-227 is a registered trademark of Du Pont.