



**Fire Control Panel for FirePro Aerosol Systems**

## Isolation Procedure

### 1. Introduction

All FirePro Fire Extinguishing Aerosol Generators use the latest generation FPC solid compound. Upon activation, the solid compound is transformed into a rapidly expanding, highly efficient gas, based on Potassium salts. It does not deplete oxygen levels. The FirePro Aerosol Generators have a certified life of 15 years, with minimal maintenance required.

Ozone Depletion Potential (O.D.P.) = 0

Atmospheric Life Time (A.L.T.) = 0

Global Warming Potential (G.W.P.) = 0

Non-corrosive & Non-toxic

#### 1.1. Self Activation Temperature

FirePro Condensed Aerosols have a built-in fail-safe activation system ensures operation of the generators when required, even if everything else fails.

**When the temperature of the Aerosol units reaches 300°C the unit will activate**

**DO NOT Carry out any welding or grinding work in the vicinity of the aerosol units.**

#### 1.2. Handling and Storage - Condensed Aerosol Generators do not:

- Disassemble the unit
- Carry out any welding or grinding work in the vicinity of the fire extinguishing system components.
- Exert force or impact which creates physical or mechanical damage to the casing.

ORAGE and OPERATIONAL CONDITIONS

- Temperature: -54 and +54°C
- Humidity: maximum 98% RH
- Service life: 15 years (date of manufacture appears on each generator)

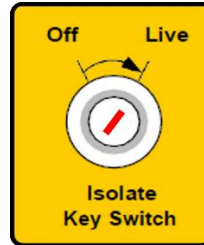
## 2. Isolation using the Control Panel

Operating the Isolate key-switch by turning the key from 'Live' to 'Off' isolates the extinguishant outputs thereby preventing discharge. This mode should only be used for service, maintenance, or temporary purposes. When in the 'Off' position a fault will be created – the fault LED and the internal busser will operate.

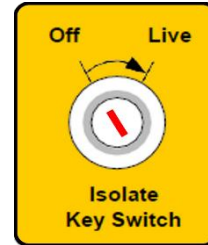
With the Isolate key-switch in the 'Off' position and where the detection circuit is activated, the volt free contact will continue to operate. The Reset and Buzzer Silence buttons will continue to be operational, when pressed.



FP-C2 Panel



Live



Off

**Switch must be returned to 'Live'**

## 3. Isolation by Unplugging the FirePro Units



All FirePro Aerosol Generators are fitted with a Deutsch Plug. Unplugging the unit it will remove it from the System.

Ensure that all units are unplugged in the system as remaining units WILL BE operational.

This will create a fault and operate internal busser in panel. The fault will be communicated to any connected devices.