Your Safety, Our Technology

APPLICATION NOTE: 138

ACC Multi-Sensor Modes and Applications

ACC Multi Criteria Detector

Hochiki ACC Multi-Criteria Sensor is particularly suited for detecting smoke produced by the wide range of combustibles found in various applications. Temperature monitoring is achieved by thermistors placed for optimum sensitivity. Hochiki's unique design allows fast response to flaming fires as well as smouldering fires whilst minimising false alarms.

ACC Mode Selector

Three modes have been approved for use by LPCB. These modes provide the ultimate in fire detection in any point-type sensor. Each mode provides different fire detection technologies in combination or individually, that allow you to "fine-tune" the ACC for the environment in which it is installed.

1	Smoke/Heat Combine (Default Mode) (2% & 4.5% Sensitivity)
2	Smoke Only (2% & 4.5% Sensitivity)
3	Heat Only (Class A1 & C)

The following parameter sets are part of the approval:

Brief description of parameter sets	Parameter sets
Faster reaction, T enhanced	Mode 1
normal reaction, not T sensitive	Mode 2
slow reaction, T sensitive	Mode 3

Multi-Sensor (Default Mode)
Cleanroom, Hotels, Offices, Corridors, Hospital Wards

Smoke
Offices, Corridors

Heat
Kitchen, Laundry, Boiler Room, Warehouse Loading Bay (where lorry or fork lift truck fumes are present), where airborne contaminants are present e.g Dust.

Explanations regarding the parameter sets:

Mode 1: Factory setting

Mode 3: Use in "hazy" environment (water, oil, etc.] such as boiler rooms

Mode 3: Use in underground car parks

Mode 1: Use in halls

Mode 1: Cleanrooms

Mode 3: Use in a high ambient temperature environment

Mode 1: Offices

Mode 3: Kitchen

Mode 2: Corridors

Mode 1: Hotel rooms

Mode 3: Laundry room

Mode 1: Hospital wards

Mode 3: Warehouse loading bay (where lorry or fork lift truck fumes are present), where airborne contaminants are present e.g Dust.

HOCHIKI

For further information visit our website.