

Cig-Arrête Master Flame Detector with Voice Alarm Monitor (Part No CSA-FDV)



Description

Designed for the detection of unauthorised smoking in areas subject to high winds, rapid ventilation, smoke and gas. Typical applications include open areas, building entry/exit points, rooms with high ceilings (>3m <6m), or locations subject to intermittent smoke or vapour.

The module is designed for single applications, and will detect a 25mm cigarette lighter flame at 6 metres within 1 second. When installed as part of a Cig-Arrête Tobacco Control System, the FDV can be combined with Smoke Detection Slave units (CSA-SGA) to provide complete smoke/flame coverage.

Coverage 6m @120° FOV

****Multi-Lingual Product**

Product Features

- Designed to detect a flame lighting a cigarette
- Fully self-contained, battery operated flame detector and voice sounder
- 120 degree field of view
- Operates from 1 x 9V standard alkaline PP3 battery
- Tough, aesthetic, brilliant white GRP housing
- Provides clear voice message at 90dB output in alarm, with volume control
- Optional plug-in relay for connection to remote equipment (contacts rated at 1A 24v dc)
- May be remotely powered using an optional 6V power supply (part CSA-SMPSU)

Message: " This is a no Smoking area, please extinguish your cigarettes, a member of staff has been contacted"

Coverage

The flame detector has a field of view of 120°. The table below provides a guide to the coverage area for a given installed height.

| Height Metres (x) | Coverage Metres (y) | Height Feet (x) | Coverage Feet (y) |
|----------------------|------------------------|--------------------|----------------------|
| 1 | 3.5 | 3 | 10 |
| 2 | 7 | 6 | 20 |
| 3 | 10 | 9 | 31 |
| 4 | 14 | 12 | 42 |
| 5 | 17 | 15 | 52 |
| 6 | 21 | 18 | 62 |

