

## Cig-Arrête Weatherproof Master Flame Detector with Voice Sounder (Part No CSA-FDW)



### Description

Designed for the detection of unauthorised smoking in external 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 CSA-FDW can be connected to Weatherproof Slave Flame Detection units (CSA-FDWS) to provide complete coverage.

Coverage 6m @120° FOV

**\*\*Multi-Lingual Product**

### Product Features

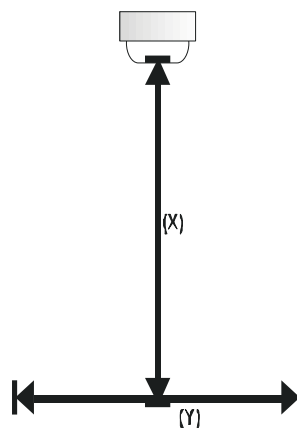
- Designed to detect a flame lighting a cigarette
- Fully self-contained, battery operated flame detector with Voice Sounder
- 120 degree field of view
- Operates from 1 x 9V standard alkaline PP3 battery
- Provides clear voice message at 90dB output in alarm, with volume control
- Tough, aesthetic, brilliant white GRP housing
- 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	Coverage	Height	Coverage
Metres (x)	Metres (y)	Feet (x)	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



### Typical Applications

- **Hospital Entrances**
- **Ambulance Bays**
- **Factory Gates**
- **School Shelters**
- **Playgrounds**