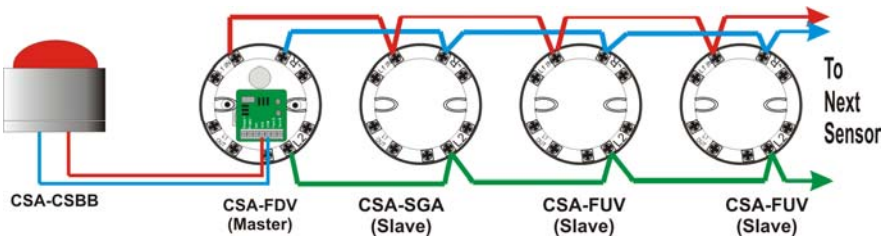
Cig-Arrête Stand-Alone Monitor (Part No CSA-FUV)

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 a s part of a Cig-Arrête Tobacco Control System, the FUV can be combined with Smoke Detection Slave units (CSA-SGA) to provide complete smoke/flame coverage.

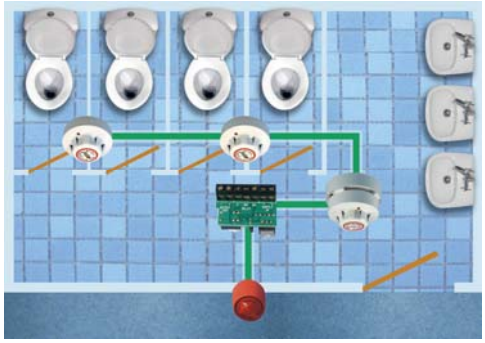
Wiring Diagram



Design Requirements

If the toilet or restroom cubicles are full height, then 1 detector will be required for each cubicle as shown in the diagram below. For cubicle heights less than this, it is sufficient to install 1 detector over 2 cubicles, since this will provide sufficient coverage for ceiling heights up to 4m high.

In areas that may be subject to misuse or vandalism, it may be prudent to consider installing Anti-Vandal cages (part no CSA-AVC) or perhaps locking the detectors in the base using Anti-Tamper Screwdriver (CSA-ATS)



It is recommended that you install your Cig-Arrête System using multi-core stranded alarm cable.

For a typical installation of five detectors, a simple 8 core security type cable will be sufficient

Connections when hard-wired to Master Unit CSA-FDV or CSA-GDV

L1 IN connects to terminal L1 IN
L2 connects to terminal L2
-R connects to terminals –R

Sensitivity
Factory set to medium/high.

Sensitivity is adjusted on the back of each detector with DIL switches. There are 7 user sensitivity settings to ensure your product is tailored to the environment

Maintenance

Replace internal sensor every 5 years with Part No. CSA-SPD.

Siting (Areas to avoid)

Hot/cold interfaces
Garages/car parks
Close proximity to kitchen or cooking areas
Nearby gas appliances

Operation

Operational 3 minutes following initial power-up. Detector LED will flash during the power-up phase.

Following alarm, detector LED will pulse for 5 minutes.
Alarm activation is inhibited during this period.

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