

# CAVIUS

THE WORLD'S SMALLEST ALARMS

## CAVIUS NANO 10 YEAR PHOTOELECTRIC SMOKE ALARM

|               |   |
|---------------|---|
| Product Code: | <b>2008 CAV10</b>                         |
| Diameter:     | <b>40mm</b>                               |
| Profile:      | <b>19mm (Ressessed) - 44mm (Standard)</b> |

### PRODUCT DESCRIPTION

Danish by design, the aesthetically pleasing CAVIUS smoke alarms are not only the world's smallest, they also contain advanced technology and intelligent features.

The alarm will make an optical reading every 8 seconds ensuring it is always 'on the lookout' for smoke.

When you press a CAVIUS smoke alarm test button, you are not only testing its audible output, this function is also testing the optical light and visible indicators to ensure the smoke alarm is working as it should.



### PRODUCT DATA

#### SMOKE ALARM TYPE:

Battery-operated photoelectric smoke alarm.

#### USAGE:

Designed for installation in private homes, camping trailers, mobile homes and caravans.

Not recommended for boats.

#### ISOTOPE ACTIVITY:

Contains no radioactive substances.

#### OPERATION AC/DC:

DC.

#### BATTERY TYPE:

3V CR123A Lithium battery, 1600 mAh (non-replaceable).

#### POWER CONSUMPTION:

Battery consumption is 93mAh in the non alarm condition.

#### BATTERY LIFE:

Minimum 10 year life in normal operating condition. (Based on a weekly testing).

#### LOW BATTERY INDICATION:

A short acoustic 'beep' will sound and the LED will flash every 48 seconds when the voltage is below 2.85V. In this stage it will continue for minimum 30 days, and can drive the alarm for 4 minutes.

#### NORMAL OPERATION:

Red LED flashes every 48 seconds to indicate normal operation.

#### SOUND:

Audible indicator of minimum 85 dB @ 3 metres.

#### SOUND PATTERN:

Fire alarm mode is indicated by a series of three successive tones.

#### VISIBLE INDICATORS:

A red LED is used to indicate the following;

- Fire alarm mode is indicated by a flash every 0.5 seconds
- Smoke sensed speed up in chamber is indicated by a flash every 2 seconds when the smoke level is at the alarm threshold
- Normal operation is indicated by a flash every 48 seconds

#### PRODUCT WEIGHT (GR):

Base alarm weight (excluding screws, plugs and mounting ring): 43g.

#### OPERATING TEMPERATURE:

+4°C to +38°C (tested from 0 degrees to 55 degrees).

#### DETECTION TIMING:

The alarm makes an optical reading every 8 seconds. At unusual readings (going into alarm stage), the readings are taken every 2 seconds.

#### OPERATING HUMIDITY:

Up to 95% RH non-condensing.

#### INSTALLATION POSITIONS:

Suitable for ceiling and wall mounting.

#### CE TESTING INSTITUTE:

CNPP.

#### CERTIFICATION BODY:

CSIRO/Activfire®.

#### ADDITIONAL TESTING AND APPROVALS:

DVN (Dansk Varedeklarations Nævn).

#### NOTIFIED BODY NUMBER:

0333.

#### STORAGE TEMPERATURE:

-20°C to +60°C.

#### STORAGE HUMIDITY:

Up to 93% RH non-condensing.

### FEATURES

- 10 Year 'long-life' battery (sealed)
- A penetrating sound at 85 dB(A) at 3 meters
- An easily accessible 10 minute hush and test button
- 30 day low battery alert
- Unique 'smart-clip' ceiling mechanism
- Aesthetically designed
- Easy installation
- Environmentally friendly
- AS3786:2014 certified
- RTA 2016 compliant

### CERTIFICATIONS

- AS3786:2014
- NF292
- RoHs
- Reach
- ActivFire®

### QUALITY ASSURANCE

#### SOUND LEVEL:

100% tested in a specially designed sound chamber.

#### SENSITIVITY:

100% tested in a specially designed test tunnel made by world leader AWT (UK).

#### POWER CONSUMPTION:

100% tested.

#### BATTERY VOLTAGE AND INTERNAL RESISTANCE:

100% tested.

#### ALARM FUNCTION:

100% tested.

#### VISUAL APPEARANCE:

100% tested.

#### PACKING CONTENT:

100% tested.

