CAVIUS

PRODUCT TYPE: OPTICAL SMOKE ALARM DEVICE

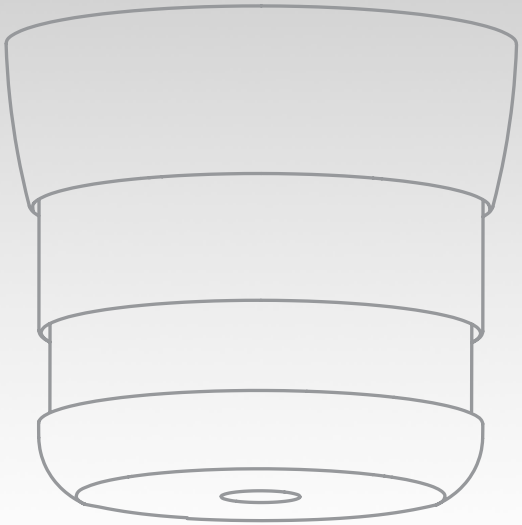
PRODUCT NUMBER: CAVIUS 2007-001

THE WORLDS SMALLEST SMOKE ALARM

DANISH DESIGN

10 YEAR BATTERY

100% TESTED



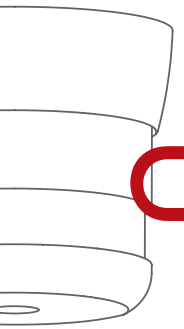
10 YEAR SMOKE ALARM

reddot design award winner

BATTERIES INCLUDED

CE 0333
EN14604: 2005 / AC: 2008
Dop no. : 2007-001

WARRANTY 10 YEAR WARRANTY



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PRODUCT DATA:

SMOKE ALARM TYPE:
Optical Smoke Alarm device

USAGE:
Designed for installation in private homes, camping trailers, mobile homes and caravans. Not recommended for boats.

ISOTOPE ACTIVITY:
Absence of radioactive substances

OPERATION AC/DC:
DC

BATTERY TYPE:
Duracell 3V CR123A Lithium battery, 1600 mAh (non-replaceable)

POWER CONSUMPTION:
Battery consumption is 93mAhour 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 LED flash every 48 seconds when the voltage is below 2.85V. In this stage it will continue for minmum 30 days, and can drive the alarm for 4 minutes.

NORMAL OPERATION:
LED flashes every 48 second for normal operation

SOUND:
Audible indicator min. 85 dB @ 3 meter

SOUND PATTERN:
Fire alarm condition is indicated by a series of three successive tones

VISIBLE INDICATOR:
A red LED is used to indicate the following conditions:

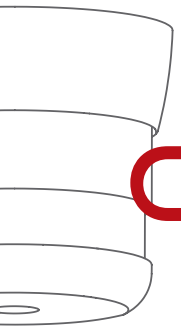
- fire alarm condition is indicated by a flash every 0.5 seconds
- smoke sense speed up is indicated by a flash every 2 seconds when the smoke level is at the alarm threshold
- normal operation is indicated by a flash every 48 seconds

PUSH BUTTON:
The smoke sensor includes a push button switch at the top of the alarm, for easy access.

- hush – during an alarm condition this immediately silences the alarm when pressed. When the button is released, the alarm remains silenced for 10 minutes
- test – when not in alarm the sounder can be activated to provide a sensor OK test function. While the top button is pressed, the audible and visible indicators areactivated if the sensor is OK

WARRANTY:
10 year

PRODUCT WEIGHT (GR):
Base alarm weight (excluding screws, plugs and mounting ring): 43 g



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PRODUCT DATA:

OPERATING TEMPERATURE:
+4ºC to +38ºC (tested from 0 degrees to 55 degrees)

OPERATING HUMIDITY:
Up to 90% RH non-condensing

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.

INSTALLATION POSITIONS:
Ceiling. Not recommended for wall use. Set of 2 x screws and 2 x plugs included.

APPROVALS:
EN 14604:2005
EN60065
ROHS
REACH

CE TESTING INSTITUTE:
CNPP

NOTIFIED BODY:
AFNOR Certification.

ADDITIONAL TESTING AND APPROVALS:
DVN (Dansk Varedeklarations Nævn)

NOTIFIED BODY NUMBER:
0333

AWARDS:
Red Dot Design Awards

reddot design award
winner

ASSOCIATIONS AND COMMITTEES:
Cavius is member of the NF292 committee.

Cavius is member of GIFSID, manufacturers' association of domestic fire safety equipment

STORAGE TEMPERATURE:
-20ºC to +60ºC

STORAGE HUMIDITY:
Up to 93% RH non-condensing

QUALITY ASSURANCE:

SOUND LEVEL:
100% tested in special designed sound chamber

SENSITIVITY:
100% tested in special 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

CONTACT

www.cavius.com

MANUFACTURER

Manufacturer: Cavius Aps, DK8600

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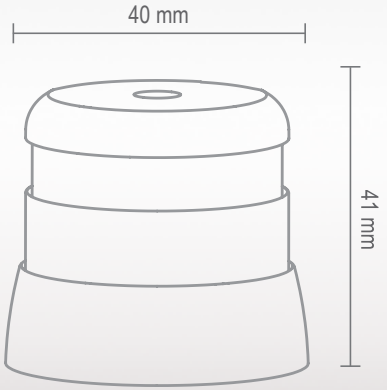
THE WORLDS SMALLEST SMOKE ALARM



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DISTRIBUTOR: