CAVIUS™

THE WORLDS
SMALLEST
HEAT
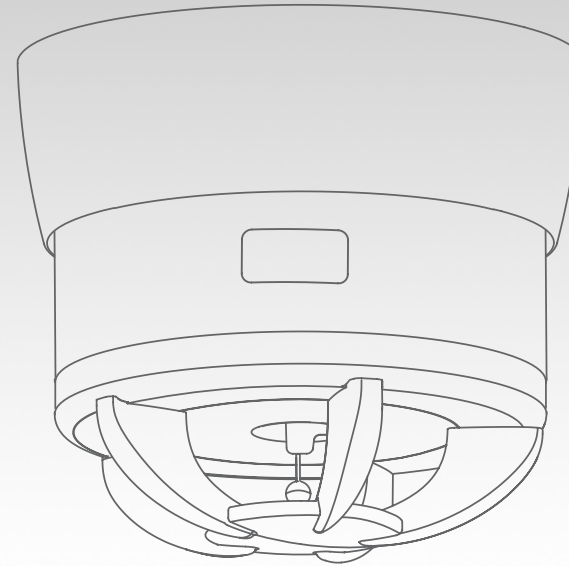ALARM

DANISH DESIGN

10 YEAR
BATTERY
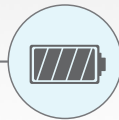
100%
TESTED

10 YEAR
HEAT
ALARM

reddot design award
honourable mention 2013

iF DESIGN AWARD 2015

BATTERIES
DURACELL
INCLUDED
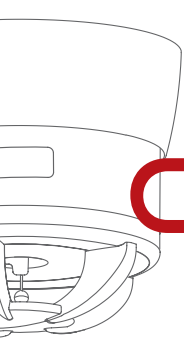
CAVIUS™

PRODUCT TYPE: HEAT DETECTOR DEVICE   **PRODUCT NUMBER:** 3002-TK001

PRODUCT DATA:

HEAT ALARM TYPE:
Optical Heat Alarm Device.

USAGE:
Designed for installation in private homes or garages with risk for smoky, dusty, or humid or environment, as for example kitchen area, living room with wooden stove burner, garage area.

ISOTOPE ACTIVITY:
Absence of radioactive substances.

OPERATION AC/DC:
DC

BATTERY TYPE:
3V CR123 Lithium battery, 1600mAh (non-replaceable).

POWER CONSUMPTION:
For 1 year in the non alarm condition, the battery consumption is 93mAhour.

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.

• normal operation is indicated by a flash every 48 seconds.

PUSH BUTTON:
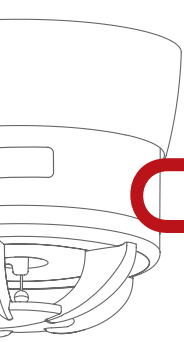The heat sensor includes a push button switch. This button has the following functions:

• test – when not in alarm the sounder can be activated to provide a sensor OKtest function. While the button is pressed, the audible and visible indicators areactivated if the sensor is OK.

WARRANTY:
1 year

PRODUCT WEIGHT (GR):
43 g (excluding screws, plugs and mounting base).

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PRODUCT TYPE: HEAT DETECTOR DEVICE   **PRODUCT NUMBER:** 3002-TK001

PRODUCT DATA:

OPERATING TEMPERATURE:
-10ºC to +38ºC (tested from 0 degrees to 55 degrees).

OPERATING HUMIDITY:
Up to 95% 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 54-5
EN60065
ROHS
REACH

CE TESTING INSTITUTE:
ITS/CNPP

AWARDS:
Red Dot 2013 Design Awards

reddot design award
honourable mention 2013

IF 2015 Design Award

iF DESIGN AWARD 2015

STORAGE TEMPERATURE:
-20ºC to +60ºC

STORAGE HUMIDITY:
Up to 93% RH non-condensing.

QUALITY ASSURANCE:

SOUND LEVEL:
100% tested in special designed sound chamber.

POWER CONSUMPTION:
100% tested

BATTERY VOLTAGE AND INTERNAL RESISTANCE:
100% tested

ALARM FUNCTION:
100% tested

VISUAL APPEARANCE:
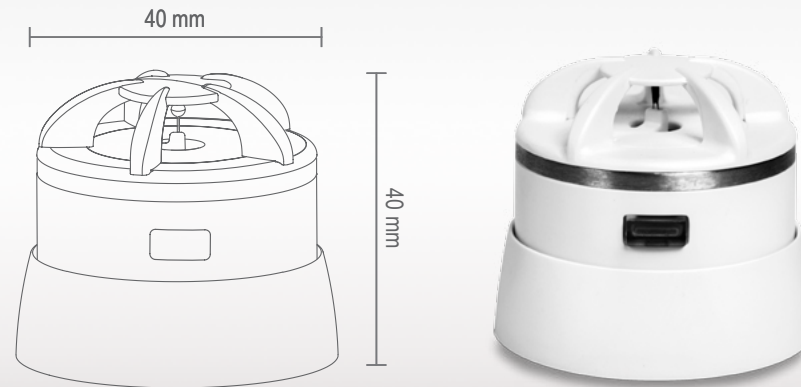100% tested

PACKING CONTENT:
100% tested

CONTACT
www.cavius.com

MANUFACTURER
Manufacturer: Cavius Aps, DK8600

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THE WORLDS
SMALLEST
HEAT
ALARM

40 mm

40 mm

DISTRIBUTOR: