CAVIUS

CO ALARM

DANISH DESIGN

10 YEAR BATTERY

100% TESTED

10 YEAR **CO** ALARM

reddot design award winner 2019

batteries included

CE

WARRANTY 10 YEAR WARRANTY

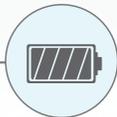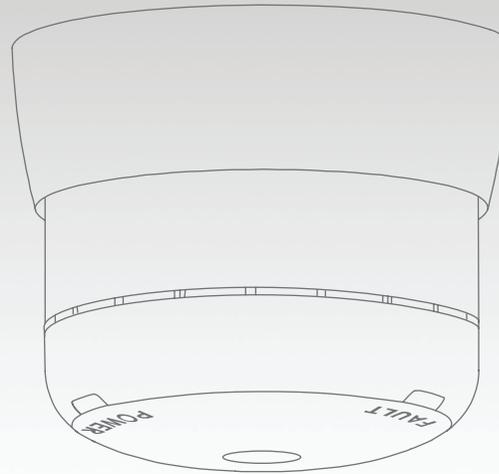**PRODUCT NAME:** CAVIUS CO ALARM, 10 YEAR 40MM   **PRODUCT NUMBER:** 4002

PRODUCT DATA:

DEVICE TYPE:
Carbon monoxide alarm device.

USAGE:
Designed for installation in private homes.

INSTALLATION POSITION:
Wall & ceiling. Set of 2 x screws and 2 x plugs included.

PRODUCT DIMENSIONS:
D: 40 mm x H: 38 mm

PRODUCT WEIGHT:
Base alarm weight (excluding screws, plugs and mounting ring): 40 g.

OPERATION AC/DC:
DC

BATTERY TYPE:
Powered by a non-replaceable 3v CR123A lithium battery 1600mAh

BATTERY LIFE:
Minimum 10 year life in normal operating condition.

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 minimum 30 days, and can drive the alarm for 4 minutes.

NORMAL OPERATION:
LED flashes every 60 second for normal operation.

SOUND:
Audible indicator min. 85 dB @ 3 meter.

VISIBLE AND AUDIBLE INDICATOR:

Normal mode	Short flash green LED every 60sec.	- - - - -
Alarm mode	Sound sweep with red LED	/// /// ///
Test pass	1 sound sweep and green LED will flash for 3sec.	///
Battery fault	1 beep every 60sec. with yellow LED	- - - - -
Sensor fault	2 beeps every 60sec. with yellow LED	-- -- -- --
End of life of sensor	3 beeps every 60sec. with yellow LED	--- --- --- ---

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

• hush – during an alarm condition (under a level of 220ppm) this immediately silences the alarm for about 10 minutes when pressed. Battery fault indication can also be silenced for up to 8 hours by a short press on the hush/test button. This function can only be carried out once during a fault

• test – when not in alarm the sounder can be activated to provide a sensor OK test function. When the top button is released, the audible and visible indicators are activated to show if the sensor is OK.
The alarm will also do a self-test every 24 hour

DETECTION TIMING:
Cavius CO-alarm alerts you according to the following levels (PPM=parts per million):

0-50 ppm (green): Safe

50-100ppm (yellow): Alarm starts after 60-90 minutes

100-300ppm (orange): Alarm starts after 10-40 minutes

300+ppm (red): Alarm starts in 3 minutes or less

WARRANTY:
10 year

OPERATING TEMPERATURE:
+4ºC to +38ºC

OPERATING HUMIDITY:
Up to 90% RH non-condensing

STORAGE TEMPERATURE:
-20ºC to +60ºC

STORAGE HUMIDITY:
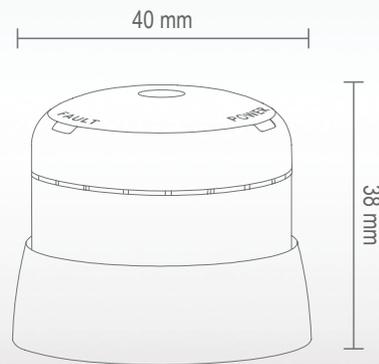Up to 93% RH non-condensing

CONTACT
www.cavius.com

MANUFACTURER
Carrier Fire & Security Danmark A/S

CAVIUS

THE WORLDS
SMALLEST
CO ALARM

40 mm

FAULT POWER

38 mm