# CAVIUS

**PRODUCT NAME:** CAVIUS RF HEAT ALARM, 5 YEAR 65MM

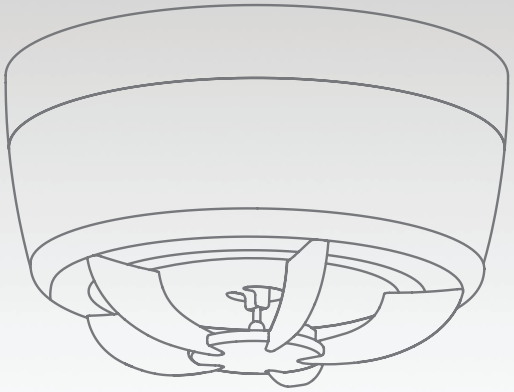
**PRODUCT NUMBER:** 3103

WIRELESS ALARM FAMILY
HEAT ALARM

DANISH DESIGN

5 YEAR BATTERY

100% TESTED



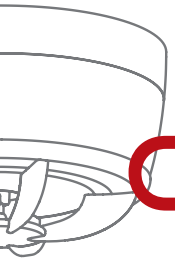
WIRELESS ALARM FAMILY
HEAT ALARM

reddot design award winner

batteries included

CE

WARRANTY 10 YEAR WARRANTY



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## PRODUCT DATA:

**DEVICE TYPE:**
Thermal heat alarm device with wireless interlink.

**USAGE:**
Designed for installation in private homes or garages with risk for smoky, dusty or humid environment, as for example kitchen area, living room with wooden stove burner, garage area, washing and drying area etc.
This alarm can be connected with other alarms from the CAVIUS Wireless alarm family or function as a stand alone alarm.

**FUNCTION:**
The alarm makes a reading every 8 seconds. At unusual readings (going into alarm stage), the readings are taken every 2 seconds.

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

**PRODUCT DIMENSIONS:**
D: 65 mm x H: 39 mm.

**PRODUCT WEIGHT:**
Base alarm weight (excluding screws, plugs and mounting ring): 50 g.

**OPERATION AC/DC:**
DC

**BATTERY TYPE:**
3v CR123A lithium battery 1600mAh (replaceable).

**BATTERY LIFE:**
Minimum 5 year life in normal operating condition. (Based on a weekly testing).

**POWER CONSUMPTION:**
Battery consumption is 145mAh for 1 year in the non alarm 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.

**INTERLINK FREQUENCY:**
868MHz

**SIGNALS:**
Transmits RF signals to the CAVIUS Wireless Family at alarm.

**NORMAL OPERATION:**
LED flashes every 48 second for normal operation.

**INTERLINK RANGE:**
Minimum 100m in open field. Range depends on the building materials and will need to be tested in each individual case.

**SOUND:**
Audible indicator min. 85 dB @ 3 meter in anechoic chamber.

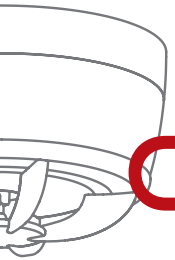
**SOUND PATTERN:**
Heat alarm condition is indicated by a series of three successive tones.

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

- 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 alarm includes a push button switch built into the top of the alarm for easy access. This button has the following functions:

- set up - press the button to start sending out a specific house code to the others alarms
- 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 button is pressed, the audible and visible indicators are activated if the sensor is OK



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## PRODUCT DATA:

**DETECTION TIMING:**
The heat detector is reading every two seconds.

**WARRANTY:**
10 year

**APPROVALS:**
Tested according to EN54-5
EN60065
RED
RoHS
REACH

**CE TESTING INSTITUTE:**
CNPP

**ADDITIONAL TESTING AND APPROVALS:**
SGS (RF Approval)

**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.

**OPERATING TEMPERATURE:**
+4°C to +38°C (tested from 0 degrees to 55 degrees)

**OPERATING HUMIDITY:**
Up to 90% RH non-condensing

**STORAGE TEMPERATURE:**
-20°C to +60°C

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

## QUALITY ASSURANCE:

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

**SENSITIVITY:**
100% tested

**POWER CONSUMPTION:**
100% tested

**BATTERY VOLTAGE AND INTERNAL RESISTANCE:**
100% tested

**ALARM FUNCTION:**
100% tested

**INTERCONNECTION:**
100% tested

**VISUAL APPEARANCE:**
100% tested

**PACKING CONTENT:**
100% tested

## CONTACT

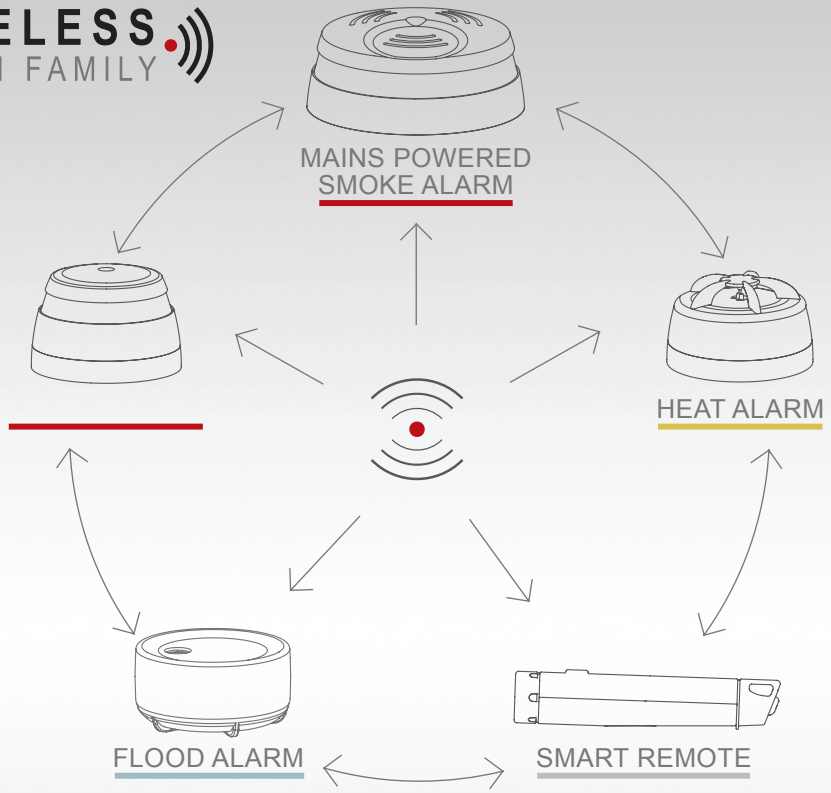
www.cavius.com

## MANUFACTURER

Manufacturer: CAVIUS Aps, DK8260

# CAVIUS

WIRELESS
ALARM FAMILY






Diameter: 65 mm

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**DISTRIBUTOR:**

Carrier