FIRECHIEF®
ALARMS
UNOBTRUSIVE BY DESIGN

Firechief Cavius RF 5 Year Battery Heat Alarm

FC4052 - Part of the Firechief Alarms 4000 Range

Conforms to BS5446 Part 2

5 YEAR LITHIUM

BUILT-IN RF

MOBILE APP

LINK 32 DEVICES

100% TESTED

WARRANTY 10 YEAR WARRANTY

POWERED BY CAVIUS TECHNOLOGY

DANISH DESIGN

reddot design award winner

ENGINEERED IN BRITAIN

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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 of smoky, dusty, or humid environments. For example kitchen area, living room with wood burning stove, garage area and laundry area etc.

This alarm can be connected with other alarms from the Firechief CAVIUS Wireless alarm family or function as a stand alone alarm. Max covering area 60m².

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:
Duracell, Panasonic or Huiderui replaceable 3v CR123A lithium battery 1600mAh.

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 Firechief 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:
Fire alarm condition is indicated by a series of three successive tones.

VISIBLE INDICATORS:
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

PRODUCT DATA

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

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:

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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 in special designed test tunnel made by world leader AWT (UK)by world leader AWT (UK).

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

MANUFACTURER

Cavius Aps, DK8600

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100% scale - Diameter 65mm

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