CAVIUS
THE WORLD'S SMALLEST ALARMS

WIRELESS))))
ALARM FAMILY

CAVIUS WIRELESS FAMILY
THERMAL HEAT ALARM

Product Code:	**3104 CAVTH5WF**	
Diameter:	**65mm**	
Profile:	**15mm (Recessed)**	**38mm (Standard)**

PRODUCT DESCRIPTION

The Wireless Family alarms interconnect to each other using innovative Radio Frequency technology; when one alarm activates, they all sound.

The alarm has been designed to warn of flaming fires in the areas not suitable to install smoke alarms: kitchens, garages, workshops or laundries.

If rapid and constant change of temperature increases and the temperature level reaches >58°C, the alarm will sound.

Compatible with: 2203 CAVMP, 2107 CAV10WF, 2104 CAV5WF, and 9002 CAVSR.

FEATURES

- Connect up to 32 alarms
- Connects to CAVIUS Smart Remote
- Two installation options; Recessed or Standard mounting base
- 5 Year 'long-life' battery (replaceable)
- 85dB(A) at 3 meters
- Easily accessible 10-minute hush & test button
- 30-day low battery alert
- EN60065 certified

CERTIFICATIONS

- CE, EN60065
- Tested according to the heat standards of EN54-5
- RoHs
- Reach

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.

INTERCONNECTION:
100% tested.

VISUAL APPEARANCE:
100% tested.

PACKING CONTENT:
100% tested.

PRODUCT DATA

HEAT ALARM TYPE:
Thermo sensitive detector with wireless interlink, detecting rapidly increased heat or absolute heat level.

USAGE:
Designed for installation in private homes in areas not suitable for smoke alarms; kitchens, laundries workshops or garages. Areas with risk of dust, humid environment, cooking contaminants, or flumes.

The alarm can be interconnected with other CAVIUS Wireless Family devices.

OPERATION AC/DC:
DC.

BATTERY TYPE:
Replaceable 3v CR123A lithium battery 1600mAh.

POWER CONSUMPTION:
Battery consumption is 145mAh for one year in normal operation.

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

INTERLINK FREQUENCY:
926.365 MHz.

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

LOW BATTERY INDICATION:
A short acoustic 'beep' will sound and the LED will 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:
Red LED flashes every 48 seconds to indicate normal operation.

SOUND:
Audible indicator of minimum 85 dB @ 3 metres.

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

VISIBLE INDICATORS:
A red LED is used to indicate the following;
- Fire alarm mode is indicated by a flash every 0.5 seconds
- Normal operation is indicated by a flash every 48 seconds

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

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

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

OPERATING HUMIDITY:
Up to 95% RH non-condensing.

CE TESTING INSTITUTE:
CNPP.

ADDITIONAL TESTING AND APPROVALS:
SGS (RF Approval).

5 YEAR BATTERY INCLUDED REPLACEABLE

PRODUCT 10 YEAR WARRANTY

reddot design award winner 2016