



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3400	30-Aug-2019	Number 1	Issue date 30-Aug-2019	Valid until 30-Apr-2021

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Product designation

Cavius, Prod. Code 2107 CAV10WF, Single Pack (1 x Part Code 2107-001), 10 year lithium battery powered, silencing/hush feature, wireless interconnectable, recess mount, photoelectric smoke alarm

(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

Cavius Australia Pty Ltd
Unit 14, 30 Octal St, YATALA, QLD, AUSTRALIA, 4207

Registrant

Cavius Aps
Julsøvej 16, SILKEBORG, DENMARK, 8600

Producer

Cavius Aps
Julsøvej 16, SILKEBORG, DENMARK, 8600

Conformance criteria and evaluation

The Cavius, Prod. Code 2107 CAV10WF, Single Pack (1 x Part Code 2107-001), 10 year lithium battery powered, silencing/hush feature, wireless interconnectable, recess mount, photoelectric smoke alarm has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 3786:2014, 'Smoke alarms using scattered light, transmitted light or ionization' incl. Amdt 1 (27 August 2015) / Amdt 2 (30 October 2018).
2. CSIRO Technical Specification TS-007, Version 3: 15-Sep-2016, 'Evaluation for Conformity of smoke alarms to the requirements of AS 3786:2014'.

Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

This certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices and consumer protection legislation and regulations.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

Issued by

David Whittaker
Executive Officer – ActivFire Scheme



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Producer's description

The Cavius, Prod. Code 2107 CAV10WF, Single Pack (1 x Part Code 2107-001), 10 year lithium battery powered, silencing/hush feature, wireless interconnectable, recess mount, photoelectric smoke alarm is low profile, circular styled and intended for use in residential dwellings.

This unit senses smoke using the photoelectric principle. An electric buzzer/horn provides an audible alarm signal when the smoke alarm senses smoke which exceeds a pre-determined level. When the smoke level drops below the alarm level, the buzzer/horn is de-energized.

A self-test facility is provided by means of a button. If the button is depressed an alarm signal is emitted.

A 'silence button' feature is also incorporated with the 'test' button. Pressing the 'silence button' can temporarily quiet an unwanted alarm for up to 10 minutes.

Pressing the silence button can temporarily quiet an unwanted alarm for up to 10 minutes.

A wireless interconnection communications interface is fitted.

The Cavius, Prod. Code 2107 CAV10WF, Single Pack (1 x Part Code 2107-001), 10 year lithium battery powered, silencing/hush feature, wireless interconnectable, recess mount, photoelectric smoke alarm is circular in shape. It is approximately 78mm diameter with a height of 43mm

Technical specification

The following details are a representative extract of the technical specification for the Cavius, Prod. Code 2107 CAV10WF, Single Pack (1 x Part Code 2107-001), 10 year lithium battery powered, silencing/hush feature, wireless interconnectable, recess mount, photoelectric smoke alarm and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Schedule of variant designations

The following is a schedule of validated variant designations of the certified/listed equipment.

Variant		Description	Recess mount
Type	Ident.		
Product code	2107 CAV10WF	Single pack, 1 x Cavius, Part Code 2107-001 smoke alarm	Part Code 11014
Part code	2107-002		

Schedule of properties/characteristics

The following schedule is an extract of physical and operational properties/characteristics of the certified/listed equipment.

Sensor:	Photoelectric (Type A)	
Electrical:	3 Vdc (CR123A Lithium battery, non-replaceable)	
Alarm volume:	85 dB(A) at 3 meters	
Sound pattern:	ISO 8201	
Silence time:	approx. 10 minutes	
Temperature:	+5° TO +45°C	
Humidity:	90% RH non condensing.	
Interconnection:	Num. of devices	Up to 100 devices
	RF	926.365 MHz
Dimensions:	Height	78 mm
	Diameter	43 mm

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Supplementary information

Schedule of relevant articles

The following schedule is an extract of articles significant and/or related as evidence of conformity.

Reference		Title / description	Date issued (or date validated)	Source
Ident. type	Ident.			
Report	XF3317/R1	Evaluation for Conformity of the Cavius® Model 2107-001 Photoelectric Smoke Alarm to the requirements of AS 3786-2014 +A1:2015 +A2:2018	7-Aug-2019	CSIRO, Fire Systems Laboratory, AU
User Guide	127483 rev1	CAVIUS User Guide CAVIUS Photoelectric Smoke Alarm Part Code: 2107-002/10022/10026 Model: 2107-001 Recess Kit Part Code: 11014 (127483 2107_WFSSmoke_User_10072019.pdf)	26-Jul-2019	Cavius Aps, DK