



Certificate of Conformity

| Certificate num. | Registration date | Version | Valid until | |
|-------------------|-------------------|--------------|---------------------------|-------------|
| afp - 3282 | 24-May-2018 | Number 15 | Issue date 29-Jul-2025 | 30-Apr-2026 |

Product designation

Cavius, Model 2203-002, 240 Vac powered with 3 Vdc battery back-up, hush/silencing facility, interconnectable, photoelectric smoke alarm

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

Agent/distributor

Cavius Australia Pty Ltd
GPO Box 303, BRISBANE, QLD, AUSTRALIA, 4001

Registrant

Carrier Fire & Security Danmark A/S
Ellekær 9A, 2 Th., HERLEV, DENMARK, 2730

Producer

Carrier Fire & Security Danmark A/S
Ellekær 9A, 2 Th., HERLEV, DENMARK, 2730

Conformance criteria and evaluation

The Cavius, Model 2203-002, 240 Vac powered with 3 Vdc battery back-up, hush/silencing facility, interconnectable, 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).
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

Kaj Loh
Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

| | | | | |
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Producer's description

The Cavius, Model 2203-002, 240 Vac powered with 3 Vdc battery back-up, hush/silencing facility, interconnectable, 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. It also incorporates a 'silence button' feature with the 'test' button for its operation. Pressing the silence button can temporarily quiet an unwanted alarm for up to 10 minutes.

The Cavius, Model 2203-002 photoelectric smoke alarm is fitted with a wireless interconnection communications interface.

The Cavius, Model 2203-002 photoelectric smoke alarm, product code 2901 CAVMPRK comes with an after-market recess base kit (2901 RK) to sit in ceilings with a low profile.

Technical specification

The following details are a representative extract of the technical specification for the Cavius, Model 2203-002, 240 Vac powered with 3 Vdc battery back-up, hush/silencing facility, interconnectable, 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 | Optional base |
|----------|--------------|--|--|
| Model | Product Code | | |
| 2203-002 | 2203 CAVMP | Single Pack (1 × Model 2203-002 unit) | after-market recess base kit (2901 RK) |
| | 2901 CAVMPRK | Single Pack (1 × Model 2203-002 unit) with an after-market recess base kit (2901 RK) | N/A |

Schedule of properties/characteristics

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

| | |
|------------------------------|--|
| Smoke sensing type: | Type A photoelectric |
| Main power source: | 240 V mains |
| Standby power: | 3 Vdc lithium battery (replaceable and not rechargeable) |
| Battery list: | Procell CR2, Panasonic CR2 |
| Interconnectivity: | Wireless (up to 32 devices) |
| Operating temperature range: | 0 °C to 38 °C |
| Operating humidity range: | 0% to 90% RH |
| Alarm sound level: | 85 dB at 3 metres minimum |
| Alarm condition: | Audible signal pattern (ISO 8201) |
| Silencing function: | Yes |
| Dimensions: | Ø97 mm × 52 mm (h) |
| Fixing method: | Screw fixing |
| Mounting method: | Ceiling only |

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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 | CSBA0191/R1a | Evaluation for Conformity of the Cavius Model 2203 Photoelectric Smoke Alarm to the requirements of AS 3786:2014 +A1:2015 +A2:2018 | 28-Jul-2025 | CSIRO, Fire Systems Laboratory, AU |
| | XF3585/R1 | Evaluation for Conformity of the Cavius Model 2203-002 Photoelectric Smoke Alarm, combined with Cavius Recess Base to the requirements of AS 3786:2014 +A1:2015 +A2:2018 | 30-Mar-2023 | |
| | CSBA0046/R1 | Product Consistency Testing of the Cavius Models 2008, 2107 and 2203 Photoelectric Smoke Alarms to the selected requirements of AS 3786:2014 +A1:2015 +A2:2018 | 22-May-2023 | |
| | XF3429/R1 | Evaluation for Conformity of the Cavius® Model 2203-002 Photoelectric Smoke Alarm to the requirements of AS 3786:2014 +A1:2015 | 28-Sep-2020 | |
| | XF3411/R2 | Evaluation for Conformity of the Cavius Model 2203-002 Photoelectric Smoke Alarm to the requirements of AS 3786:2014 +A1:2015 | 8-Jul-2020 | |
| | XF3051/R2 | Evaluation for Conformity of the Cavius® Model 2203-002 Photoelectric Smoke Alarm to the requirements of AS 3786-2014 +A1:2015 | 30-May-2018 | |
| User Guide | 127126 rev5 | User Guide Cavius™ MAINS POWERED SMOKE ALARM Part Code: 2901 CAVMPRK Model number: 2203-002 (2901 CAVMPRK User Guide.pdf) | 2-Mar-2023 | Cavius Aps, DK |