



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3627	17-Sep-2021	Number 7	Issue date 22-Apr-2026	30-Apr-2027

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Product designation

DetectOn, Model BV01, 9 Vdc battery powered, silencing/hush facility, photoelectric smoke alarm

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

Agent/distributor

DetectOn Pty Ltd
Level 14, 275 Alfred Street, NORTH SYDNEY, NSW, AUSTRALIA, 2060

Conformance criteria and evaluation

The DetectOn, Model BV01, 9 Vdc battery powered, silencing/hush facility, 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).

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 DetectOn, Model BV01, 9 Vdc battery powered, silencing/hush facility, photoelectric smoke alarm is a low profile, circular styled, powered 9 Vdc battery intended for use in residential dwellings. The battery is user replaceable.

An electric buzzer/horn provides an audible alarm signal when the smoke alarm senses smoke which exceeds a predetermined level. When the smoke level drops below the alarm level, the buzzer/horn is de-energised.

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

Pressing the incorporated hush button reduces the smoke sensitivity of the smoke alarm. The sensitivity is reduced for approximately 8 minutes, at which time the smoke alarm automatically returns to normal operation.

The DetectOn, Model BV01, 9 Vdc battery powered, silencing/hush facility, photoelectric smoke alarm is circular in shape and is approximately 100 mm diameter with a height of 37 mm.

Technical specification

The following details are a representative extract of the technical specification for the DetectOn, Model BV01, 9 Vdc battery powered, silencing/hush facility, 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.

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

Sensor	Photoelectric (Type A)
Power	9 Vdc battery, user replaceable
Replacement batteries	Pairdeer 6F22, 6LR61 Gold Peak GP1604S, GP1604A
Alarm volume	85 dB(A) at 3 meters
Sound pattern	ISO 8201
Silence time	approx. 8 minutes
Temperature	0°C to +40°C
Humidity	90% RH non-condensing

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	XF3353/R1	Evaluation for Conformity of the DetectOn Model BV01 Photoelectric Smoke Alarms to the requirements of AS 3786-2014 +A1:2015 +A2:2018	27-Aug-2021	CSIRO, Fire Systems Laboratory, AU
Document No.	BV01 User manual.pdf	Smoke Alarm User Manual Model number: BV01	19-Aug-2021	DetectOn Pty Ltd, AU