



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2436	17-Sep-2010	Number 10	Issue date 1-May-2018	30-Apr-2019

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Product designation

Australec, Model SA1, 240 Vac powered with 9 Vdc battery backup, interconnectable, silencing/hush facility, ionisation smoke alarm

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

Agent/distributor

Australec Switchgear
66 Endeavour Way, SUNSHINE WEST, VIC, AUSTRALIA, 3020

Registrant

Eyston Company Limited
B2, 3rd Floor, Fortune Factory Building, 40 Lee Chung Street, CHAI WAN, HONG KONG, CHINA

Producer

Eyston Company Limited
B2, 3rd Floor, Fortune Factory Building, 40 Lee Chung Street, CHAI WAN, HONG KONG, CHINA

Conformance criteria and evaluation

The Australec, Model SA1, 240 Vac powered with 9 Vdc battery backup, interconnectable, silencing/hush facility, ionisation smoke alarm has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 3786-1993, 'Smoke alarms' incl. Amdt 1 (April 1995) / Amdt 2 (December 1995) / Amdt 3 (9 November 2001) / Amdt 4 (22 April 2004).

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



Schedule to Certificate of Conformity

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Producer's description

The Australec, Model SA1, 240 Vac powered with 9 Vdc battery backup, interconnectable, silencing/hush facility, ionisation smoke alarm is an externally mains powered circular styled smoke alarm, intended for use in residential dwellings (domestic smoke alarm).

The product senses smoke using the ionisation principle. An inbuilt piezo type sounder 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 sounder is de-energised.

This product is externally powered from the mains supply. Standby power is supplied by a 9 Vdc battery which is supplied with the alarm. A self test facility is provided by means of a button on the cover of the device. If the button is depressed the alarm signal is emitted. The product includes an alarm silence facility operated using the "silence" button the cover of the device.

This product fits onto a circular hinged base (which is supplied with the alarm). The base has slots for mounting to the ceiling using the screws and anchors provided. A mechanical arrangement prevents the alarm from locking onto the mounting base without the battery installed. It has a diameter of approximately 140 mm in diameter and is approximately 50 mm high. The product is packaged in a cardboard box supplied with two mounting screws, 9 volt battery and an owner's manual.

Technical specification

The following details are a representative extract of the technical specification for the Australec, Model SA1, 240 Vac powered with 9 Vdc battery backup, interconnectable, silencing/hush facility, ionisation smoke alarm and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Sensor type:	Ionisation
Mains voltage:	240 Vac
Internal battery voltage:	9 Vdc
Recommended battery replacement:	Duracell MN1604, Goldpeak 1604P/S/G/A Eveready 216 Ultralife U9VL-J
Smoke alarm life cycle:	10 years

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 Number.	XF2516/R2	Evaluation for Conformity Australec model SA1 Ionisation Smoke Alarm to AS 3786-1993 (inc amdt 1 to 4)	11-Mar-2009	CSIRO, Materials Science and Engineering, Fire Systems, AU