



# Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
<b>afp - 3333</b>	28-Mar-2019	Number 8	Issue date 7-Apr-2026	30-Apr-2027

## Product designation

**24M, Model SMAPS240VACQF, 240 Vac powered with 9 Vdc battery back-up, hush/silencing facility, wire interconnectable, photoelectric smoke alarm**

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

## Agent/distributor

FireBox Australia Pty Ltd  
16 Craftsman Close, BERESFIELD, NSW, AUSTRALIA, 2322

## Registrant

Siterwell Electronics Co., Limited  
No. 666 Qingfeng Road, JIANGBEI DISTRICT, NINGBO, ZHEJIANG PROVINCE, CHINA, 315000

### Producer

Siterwell Electronics Co., Limited  
No. 666 Qingfeng Road, JIANGBEI DISTRICT, NINGBO, ZHEJIANG PROVINCE, CHINA, 315000

## Conformance criteria and evaluation

The 24M, Model SMAPS240VACQF, 240 Vac powered with 9 Vdc battery back-up, hush/silencing facility, wire 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 24M, Model SMAPS240VACQF, 240 Vac powered with 9 Vdc battery back-up, hush/silencing facility, wire interconnectable, photoelectric smoke alarm is an externally energized photoelectric smoke alarm. The smoke alarm primary power supply is an external 220-240 Vac supply. The smoke alarm includes a secondary power supply from a non-rechargeable 9V battery.

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.

The Firebox Model SMAPS240VACQF Photoelectric Smoke Alarm incorporates a silence feature. The smoke sensitivity is reduced for approximately 8 minutes, at which time the smoke alarm automatically returns to normal operation.

The smoke alarm is circular in shape. It is approximately 140mm in size with a height of 43mm. It clips into a circular mounting base with two holes for screws.

## Technical specification

The following details are a representative extract of the technical specification for the 24M, Model SMAPS240VACQF, 240 Vac powered with 9 Vdc battery back-up, hush/silencing facility, RF wireless 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 properties/characteristics

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

Sensor type:	Type A, Photoelectric
Power supply	220-240V~/50Hz with 9V battery backup
Alarm battery	
Replacement	Gold Peak: GP1604S (Carbon Zinc Battery) Gold Peak: GP1604A (Alkaline Battery) Raymax: 6LR61 (Alkaline Battery) EVE: CR9V/P (Lithium battery)
Operation current:	<100mA
Operation temperature	5°C to 45°C
Operation humidity	< 93%RH
Alarm volume:	> 85dB(A) at 3 meters.
Hush time:	Approx. 8 minutes Same push test button to activate silence (hush) control
Wireless interconnection:	up to 40 detectors
Sound pattern:	ISO8201

## 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	XF3297/R1	Evaluation for Conformity of the Firebox Model SMAPS240VACQF Photoelectric Smoke Alarm to the requirements of AS 3786:2014 +A1:2015	4-Feb-2019	CSIRO, Fire Systems Laboratory, AU
Document ref.	Rev:1.0	Smoke Alarm User Manual Model number: SMAPS240VACQF Rev:1.0	20-Dec-2018	FireBox Australia Pty Ltd, AU