



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2450	23-Sep-2010	Number 11	Issue date 26-Apr-2019	30-Apr-2020

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Product designation

Lifesaver, Model LIF5800, 240 Vac powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, photoelectric smoke alarm

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

Agent/distributor

PSA Products Pty Ltd
PSA House, 17 Millicent Street, BURWOOD, VIC, AUSTRALIA, 3125

Registrant

Fyrnetics (Hong Kong) Limited
10th Floor, Octa Tower, 8 Lam Chak Street, KOWLOON BAY, KOWLOON, HONG KONG

Producer

Fyrnetics (Hong Kong) Limited
10th Floor, Octa Tower, 8 Lam Chak Street, KOWLOON BAY, KOWLOON, HONG KONG

Conformance criteria and evaluation

The Lifesaver, Model LIF5800, 240 Vac powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, photoelectric smoke alarm has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 3786-1993, '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 Lifesaver, Model LIF5800, 240 Vac powered with 9 Vdc battery backup, silencing/hush facility, interconnectable, photoelectric smoke alarm is an externally energized photoelectric smoke alarm. The smoke alarm primary power supply is an external 230 Vac supply. The smoke alarm includes a standby power supply from a user rechargeable 9 VDC 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.

This product incorporates a 'hush button' feature. According to the manufacturer's instructions, pressing the 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.

This product is circular in shape and approximately 130 mm diameter with a height of 45 mm. 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 Lifesaver, Model LIF5800, 240 Vac powered with 9 Vdc battery backup, silencing/hush 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 properties/characteristics

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

Sensing type:	Photoelectric
Primary Power:	230/240 Vac 50 Hz, 80 mA per alarm
Standby Power:	Eveready Energizer 522 Duracell MN1604, MX1604
Temperature range:	5°C to 45 °C
Interconnection:	Maximum 24 alarms, maximum wiring length 250 m

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	XF2455/R2	LIFESAVER Model LIF5800 Photoelectric Smoke Alarm to AS 3786-1993 (incorporating amendments 1 to 4) 'Smoke alarms'	30-Aug-2010	CSIRO, Industrial Research Services
Document	XF2455_T3 1398-7208-01_V1_115x115.pdf	INSTALLATION AND USER MANUAL MODEL LIF5800 & LIF5800RL LIFESAVER SMOKE ALARM PHOTO-ELECTRIC DESIGN	5-Jul-2010	UTC Fyrnetics, HONG KONG