



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 1681	19-May-2004	Number 8	Issue date 1-May-2013	30-Apr-2014

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Product designation

Lifesaver, Model 4800RL, 240 Vac powered, fixed (non-replaceable) rechargeable lithium battery backup, silencing/hush facility, multiple-station, 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

UTC Fyrnetics
Rongwen Road 1, No. 3 Industrial Estate, ChangAn, DONG GUAN, GUANG DONG PROVINCE, CHINA, 523842

Producer

UTC Fyrnetics
Rongwen Road 1, No. 3 Industrial Estate, ChangAn, DONG GUAN, GUANG DONG PROVINCE, CHINA, 523842

Conformance criteria and evaluation

The Lifesaver, Model 4800RL, 240 Vac powered, fixed (non-replaceable) rechargeable lithium battery backup, silencing/hush facility, multiple-station, 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).

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.

Specified limitations/conditions, determined from the evaluation for conformity, include the following.

- i. The smoke alarm is used in environments within the temperature range of 5°C to 45°C.

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 4800RL, 240 Vac powered, fixed (non-replaceable) rechargeable lithium battery backup, silencing/hush facility, multiple-station, photoelectric smoke alarm is externally energized (240 Vac 50 Hz) with an internal non-replaceable rechargeable 12 VDC battery (vanadium pentoxide lithium, coin type 4 x Panasonic model VL2330).

The smoke alarm includes a test facility and a 'hush' facility that operate via test buttons accessible on the cover of the smoke alarm. A green LED indicator is ON when the smoke alarm is connected to mains power. A red indicator LED flashes approximately every 45 seconds to indicate normal operation. When the smoke alarm is in an alarm state, operation of the sounder is continuous. A sounder chirp is given approximately every 45 seconds to indicate that the battery has reached its low battery trouble level. When this occurs the smoke alarm has reached the end of its service life and is to be replaced.

A total of 24 smoke alarms can be interconnected, and the maximum interconnect wiring length is 250 metres.

The smoke alarm is supplied with a mounting plate, owner's manual, two mounting screws, and comes in giftbox type packaging.

Technical specification

The following details are a representative extract of the technical specification for the Lifesaver, Model 4800RL, 240 Vac powered, fixed (non-replaceable) rechargeable lithium battery backup, silencing/hush facility, multiple-station, 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.

Overall dimensions		
	Height	45 mm
	Diameter	124 mm
Electrical		
	Externally energised	240 Vac 50 Hz.
	Standby battery	Panasonic model VL2330, vanadium pentoxide lithium, coin type, (4 x 3 Vdc), rechargeable. Non user replaceable. 10 year expected service life.
	Operating Temperature	5°C to 45 °C.
Features		
	Type	Photoelectric
	Interconnection	Up to 24 alarms may be interconnected, maximum wiring length is 250 m.
	Status indicator LED	Red - flashing once a minute indicates normal operation. Red - continuous flashing indicates alarm state. Green - steady indicates that mains power is connected.
	Hush feature	Temporarily silences smoke alarm for approximately 5 minutes. During this silence period, the alarm will "chirp" intermittently every 40 seconds for approximately 5 minutes.
	Low battery chirp	At low battery voltage, a short chirp is given once a minute. Amber LED flashes to indicate low battery