



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until
afp - 1162	20-Feb-1998	8	30-Apr-2014

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Product designation

Lifesaver, Model 3800R, 240 Vac & 8.4 Vdc fixed rechargeable battery backup, silencing/hush facility, interconnectable, ionisation 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 Fynetics
Rongwen Road 1, No. 3 Industrial Estate, ChangAn, DONG GUAN, GUANG DONG PROVINCE, CHINA, 523842

Producer

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

Conformance criteria and evaluation

The Lifesaver, Model 3800R, 240 Vac & 8.4 Vdc fixed rechargeable battery backup, silencing/hush facility, interconnectable, 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.

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

- i. Must be wired to a continuous 240 Vac 50 Hz supply and ensure the smoke alarm cannot be inadvertently overridden by a switching device.

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 3800R, 240 Vac & 8.4 Vdc fixed rechargeable battery backup, silencing/hush facility, interconnectable, ionisation smoke alarm is a single station, externally energised smoke alarm that utilises a non replaceable internal re-chargeable battery. The smoke alarm is intended for use in residential dwellings. A piezo-electric sounder provides an audible alarm signal and the red alarm LED is illuminated when the smoke level exceeds the pre-determined alarm threshold. When the smoke level falls below the alarm threshold, the smoke alarm resets automatically.

A green LED is provided to indicate 240 Vac supply is connected to the smoke alarm. The smoke alarm is connected to a dedicated mounting plate that contains a four (4) pin terminal block for the mains supply wiring.

The standby rechargeable nickel cadmium battery is soldered to the PCB and is not replaceable. When the battery has reached the end of its service life, the smoke alarm will emit a fault signal and the yellow LED will flash every minute for a period of three (3) days. A self test facility electronically simulates the presence of smoke. When the test button is depressed, the piezo-electric sounder will emit an alarm signal.

The Lifesaver, Model 3800R, 240 Vac & 8.4 Vdc fixed rechargeable battery backup, silencing/hush facility, interconnectable, ionisation smoke alarm is supplied with a mounting bracket and locking pin, two (2) mounting screws, terminal shroud, and user manual.

Technical specification

The following details are a representative extract of the technical specification for the Lifesaver, Model 3800R, 240 Vac & 8.4 Vdc fixed rechargeable battery backup, silencing/hush facility, interconnectable, 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.

Primary power supply:	240 Vac 50 Hz 80 mA
Standby power supply:	internal 9 Vdc battery
	GoldPeak GP30BNK7A1H (30 mA 8.4 Vdc) - expected service life 7 years
Source type:	dual chamber ionisation
Source details:	Americium 241 0.9 µC
Temperature range:	5°C to 45°C
Interconnection:	maximum of forty Lifesaver model smoke alarms
Dimensions:	155 mm diameter
	54 mm installed height