



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2321	25-May-2009	Number 6	Issue date 16-Dec-2012	30-Apr-2013

Product designation

Quell, Model Q1275, 240 Vac powered with 9 Vdc battery back-up, silencing/hush facility, interconnectable, ionisation smoke alarm

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

Agent/distributor

Chubb Fire & Security Ltd
149-155 Milton Street, ASHFIELD, NSW, AUSTRALIA, 2131

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 Quell, Model Q1275, 240 Vac powered with 9 Vdc battery back-up, 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.

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 Quell, Model Q1275, 240 Vac powered with 9 Vdc battery back-up, silencing/hush facility, interconnectable, ionisation smoke alarm, intended for use in domestic/residential dwellings.

This device senses smoke using the ionization 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. 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 Quell, Model Q1275, 240 Vac powered with 9 Vdc battery back-up, silencing/hush facility, interconnectable, ionisation smoke alarm clips onto a circular base (which is supplied with the alarm). The base has holes for mounting to the ceiling using the screws and anchors provided. A mechanical arrangement prevents the alarm from being assembled onto the mounting base without the battery installed.

The Quell, Model Q1275, 240 Vac powered with 9 Vdc battery back-up, silencing/hush facility, interconnectable, ionisation smoke alarm is circular in shape with a diameter of approximately 125 mm in diameter and is approximately 35 mm high. The smoke alarm is clamshell packaged and is 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 Quell, Model Q1275, 240 Vac powered with 9 Vdc battery back-up, 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.

Sensing type:	Ionisation
Sensing material:	Americium 241 - 37 kBq
Supply voltage:	240 Vac 50 Hz
Operating current:	80 mA
Backup battery voltage:	9 Vdc
Recommended replacement battery:	Goldpeak GP1604S/GP1604A Duracell MN1604/MX1604 Eveready 522, 1222
Operating temperature:	+5°C to +45°C
Specified smoke alarm life cycle:	10 years