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# **Certificate of Conformity**

Certificate num.	Registration date	Version		Valid until	
afp - 2188	19-May-2008	Number 18	Issue date 10-Apr-2024	30-Apr-2025	Page <b>1</b> of <b>2</b>

# **Product designation**

Brooks, Model EiB206P, externally powered, silencing/hush facility, interconnectable, photoelectric smoke alarm

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

#### Agent/distributor

Brooks Australia Pty Ltd

#### 4 Pike Street, RYDALMERE, NSW, AUSTRALIA, 2116

Registrant

Brooks Australia Pty Ltd 4 Pike Street, RYDALMERE, NSW, AUSTRALIA, 2116

Producer **Ei Electronics** SHANNON, CO. CLARE, IRELAND

#### **Conformance criteria and evaluation**

The Brooks, Model EiB206P, externally powered, silencing/hush facility, interconnectable, photoelectric smoke alarm has been evaluated and verified as conforming with the relevant requirements of the following criteria.

Australian Standard AS 3786-1993, 'Smoke alarms' incl. Amdt 1 (April 1995) / Amdt 2 1. (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. The smoke alarm is to be used in conjunction with the EiB20X mounting base.
- ii. The smoke alarm is to be used in conjunction with an appropriate external power supply meeting the stand-by power supply requirements of clause 2.2.2 of AS 3786.

Issued by

Kai Loh Executive Officer – ActivFire Scheme



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This certificate remains the property of CSIRO and may be subject to amendment, suspension or withdrawal at any time. The validity and authenticity of this certificate can be verified by the certification register located at https://activfire.csiro.au

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.



# Schedule to Certificate of Conformity

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## **Producer's description**

The Brooks, Model EiB206P, externally powered, silencing/hush facility, interconnectable, photoelectric smoke alarm is a multiple station externally energized device. The smoke alarm is designed to be installed with an external power source, typically a control panel.

The smoke alarm operates from an external 10.5 to 15 volt DC source connected to the alarm via the Brooks EiB20X base supplied with the product. Removal of the smoke alarm from its mounting base disconnects the external supply from the smoke alarm.

The smoke alarm operates by the sounding of a piezo sounder that provides an audible alarm signal when the smoke alarm senses smoke which exceeds the pre-determined alarm level threshold. When the smoke level drops below the alarm threshold level, the piezo sounder is de-energized.

A self test facility is provided by means of a test button that electrically simulates the presence of smoke. When the test button is depressed, an alarm signal is emitted until the test button is released. Depressing the test button also initiates a "Hush" mode (alarm silence facility), which reduces the sensitivity of the Smoke alarm for a period of approximately 12 minutes. During this time, the integral red LED pulses every 12 seconds to indicate the device is in hush mode. At the end of the 12 minute period the device returns to normal mode automatically.

The Brooks, Model EiB206P, externally powered, silencing/hush facility, interconnectable, photoelectric smoke alarm can be interconnected with other Brooks EiB200 series smoke and heat alarms so when one senses alarm, all devices operate their piezo sounders.

The Brooks, Model EiB206P, externally powered, silencing/hush facility, interconnectable, photoelectric smoke alarm is approximately 152 mm in diameter and has a height of 65 mm when connected to the EiB20X mounting base. Termination is by way of screw terminals in the mounting base.

## **Technical specification**

The following details are a representative extract of the technical specification for the Brooks, Model EiB206P, externally powered, 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.

Ambient temperature range:	5 °C to 45 °C
Power supply:	10.5 to 15 Vdc
Interconnection facility:	Up to 20 compatible Brooks Smoke and Heat Alarms
Status indicators:	
Green LED:	Normal Operation (LED Steady)
Red LED:	Flashes on Alarm
Dimensions:	152mm diameter, 65mm high (on EiB20X mounting base
Test and hush button:	Combined test/hush button provided on cover of alarm