



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 759	31-Jul-1994	Number 19	Issue date 5-Apr-2023	30-Apr-2024

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Product designation

Brooks, Model PFS-IR, 10.2 to 14.0 Vdc externally powered, ionisation 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 PFS-IR, 10.2 to 14.0 Vdc externally powered, 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'.

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 must be wired to a 12V supply that is permanently on and incorporates a backup battery.

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

Kai Loh

Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

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Producer's description

The Brooks, Model PFS-IR, 10.2 to 14.0 Vdc externally powered, ionisation smoke alarm to be used in conjunction with a Fire indicator Panel and is intended for use in residential dwellings. An electronic 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 this button is depressed an alarm signal is emitted. An inbuilt relay can be used to operate remote facilities.

Technical specification

The following details are a representative extract of the technical specification for the Brooks, Model PFS-IR, 10.2 to 14.0 Vdc externally powered, 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 element:	Americium 241 0.9 μ C
Ambient temperature range:	0°C to 40°C
Power supply:	10.2 to 14 Vdc
Dimensions:	approx 140mm x 120mm x 45mm
Alarm:	Electronic piezoelectric horn
Sound output:	85dB (minimum) at 3m
Interconnection facility:	Up to 12 compatible smoke or heat alarms may be interconnected.
Test button:	Test button provided on cover of smoke alarm