



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3994	22-Dec-2025	Number 2	Issue date 24-Dec-2025	30-Apr-2027

Product designation

Fire Factory Australia, Model FFA-710, 240 Vac powered with a 3 Vdc battery back-up, hush/silencing facility, wired and wireless interconnectable, photoelectric smoke alarm

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

Agent/distributor

Fire Factory Australia
10 Victoria Street, SMITHFIELD, NSW, AUSTRALIA, 2164

Conformance criteria and evaluation

The Fire Factory Australia, Model FFA-710, 240 Vac powered with a 3 Vdc battery back-up, hush/silencing facility, wired and wireless interconnectable, photoelectric smoke alarm has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 3786:2014, 'Smoke alarms using scattered light, transmitted light or ionization' incl. Amdt 1 (27 August 2015) / Amdt 2 (30 October 2018).

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

Kai Loh
Executive Officer – ActivFire Scheme



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Producer's description

The Fire Factory Australia, Model FFA-710, Photoelectric Smoke Alarm is an externally energized photoelectric smoke alarm. The smoke alarm's primary power supply is an external 240 Vac supply. The smoke alarm includes a standby power supply from a 3 Vdc battery that is not user replaceable.

The Fire Factory Australia, Model FFA-710, smoke alarm senses smoke using photoelectric principle. An electric 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 the button is depressed an alarm signal is emitted. The Fire Factory Australia, Model FFA-710, smoke alarm also incorporates a 'silence button' feature. According to the manufacturer's instructions, pressing the hush button reduces the smoke sensitivity of the smoke alarm. The sensitivity is reduced for approximately 8 minutes.

The Model FFA-710 is fitted with hardwired and an optional wireless communication interface. It can interconnect up to a maximum of 22 devices (hardwired) and 22 devices (wirelessly).

Technical specification

The following details are a representative extract of the technical specification for the Fire Factory Australia, Model FFA-710, 240 Vac powered with a 3 Vdc battery back-up, hush/silencing facility, wired and wireless 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.

Schedule of variant designations

The following is a schedule of validated variant designations of the certified/listed equipment.

Variant		Description
Type	Ident.	
Model	FFA-710	240 Vac externally powered photoelectric smoke alarm with a 3 Vdc lithium battery and wired and wireless interconnect ability.

Schedule of properties/characteristics

The following schedule is an extract of physical and operational properties/characteristics of the certified/listed equipment.

Sensing type:	Photoelectric (Type A)
Main power source:	240 Vac mains
Standby power:	3 Vdc lithium battery (not replaceable and not rechargeable)
Battery list:	Huiderui CR123A
Software version:	V1.0
Interconnectivity:	Wired and wireless (up to 22 detectors)
Operating temperature range:	-10 °C to 50 °C
Operating humidity range:	0% to 93% RH
Alarm sound level:	85 dB at 3 metres minimum
Alarm condition:	Audible signal pattern (ISO 8201)
Silencing function:	Yes
Dimensions:	Ø138 mm × 44 mm (h)
Fixing method:	Screw fixing
Mounting:	Ceiling only.

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Supplementary information

Schedule of relevant articles

The following schedule is an extract of articles significant and/or related as evidence of conformity.

Reference		Title / description	Date issued (or date validated)	Source
Ident. type	Ident.			
Report	CSBA0271/NR1A	Evaluation for Conformity of the Fire Factory Australia, Models FFA-710 and FFA-765 Photoelectric Smoke Alarms to the requirements of AS 3786:2014 +A1 +A2	22-Dec-2025	CSIRO, Fire Systems Laboratory, AU
Document	FFA-710 manual.pdf	FFA Fire Factory Australia 240V Mains Powered Photoelectric Smoke Alarm with 3V built-in battery backup Models: FFA-710 (FFA-710 manual.pdf)	23-Dec-2025	Fire Factory Australia, AU