



# Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
<b>afp - 2722</b>	15-Aug-2014	Number 3	Issue date 29-Apr-2016	30-Apr-2017
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## Product designation

**Hochiki, Model DFG-60BLKJ(AS), class A2, heat detector**  
(Refer to the Schedule/enclosures for further specified details)

## Agent/distributor

Hochiki Australia Pty Ltd  
Block Y, Unit 1, Regents Park Estate, 391 Park Road, REGENTS PARK, NSW,  
AUSTRALIA, 2143

## Registrant

Hochiki Australia Pty Ltd  
Block Y, Unit 1, Regents Park Estate, 391 Park Road, REGENTS PARK, NSW,  
AUSTRALIA, 2143

### Producer

Hochiki Corporation  
10 - 43, Kamiosaki 2-Chome, SHINAGAWA-KU, TOKYO, JAPAN, 141

## Conformance criteria and evaluation

The Hochiki, Model DFG-60BLKJ(AS), class A2, heat detector has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 7240.5-2004, 'Fire detection and alarm systems - Point type heat detectors (ISO 7240-5:2003, MOD)'.

## 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. Compatibility of this fire detector and its base assembly with new or existing control and indicating equipment should be verified prior to installation.

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 Hochiki, Model DFG-60BLKJ(AS), class A2, heat detector is designed for areas that are exposed to water, and provides reliable heat detection with a slow or fast change in temperature. It is particularly suited to environments that are exposed to high levels of condensation or are hosed down and has a wide operating margin allowing it to respond to both slow and fast increases in temperature. It can also sense temperature reliably in a horizontal or vertical position.

The detector is supplied with a set of flying leads for direct connection to the conventional zone and remote LED (if required) and does NOT require any form of standard detector base

## Technical specification

The following details are a representative extract of the technical specification for the Hochiki, Model DFG-60BLKJ(AS), class A2, heat detector and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

### Schedule of properties/characteristics

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

Ordering code	DFG-60BLKJ(AS)
Operating voltage	15 - 30Vdc (Nominal rating 24 Vdc)
Quiescent current (typ)	Minimal
Current in alarm state	50 mA at 24 Vdc
Ambient temperature range	-10°C to +40°C
Storage temperature range	-30°C to +70°C
IP Rating	IP67
Colour / case material	Ivory / modified polycarbonate
Weight	80g
Fixing centres	70mm

### Schedule of components and/or assemblies

The following is a schedule of validated components and/or assemblies of the certified/listed equipment.

Base designation	Detector circuit type
The detector is supplied with a set of flying leads for direct connection to the conventional zone	Conventional

## 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 Number	XF2694/R3	Conformity Evaluation of the Hochiki Model DFG-60BLKJ(AS) Class A2 Heat Detector to the requirements of AS 7240.5-2004	27-Mar-2014	CSIRO, Infrastructure Technologies, Fire Systems and Acoustics, AU
Test report number	TE238751	Technical evaluation of the Hochiki DFG-60BLKJ and DFG-60BLJ heat detectors to EN54-5:2000	3-Dec-2007	BRE Testing, UK
	TE210418/2	Technical evaluation of the Hochiki DFG-60BLKJ conventional heat detector to the requirements BS EN 54-5:2000-1	2-Dec-2003	BRE, UK
Installation Instructions	2-8-000-7197-151(2013.12)	HOCHIKI DFG-60BLKJ(AS) WATERPROOF HEAT DETECTOR	13-Dec-2013	Hochiki Corporation, JP