



# Certificate of Conformity

| Certificate num.  | Registration date | Version   | Valid until            |             |
|-------------------|-------------------|-----------|------------------------|-------------|
| <b>afp - 1109</b> | 4-May-1997        | Number 14 | Issue date 26-Apr-2019 | 30-Apr-2020 |

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## Product designation

**Ziton, Model ZP730/05, (with ZP730-2 p/e smoke detector), duct probe smoke detector**  
(Refer to the Schedule/enclosures for further specified details)

## Agent/distributor

Kidde Australia  
Unit 3, Ground Floor, 10 Ferntree Place, NOTTING HILL, VIC, AUSTRALIA, 3168

## Registrant

Kidde Australia  
Unit 3, Ground Floor, 10 Ferntree Place, NOTTING HILL, VIC, AUSTRALIA, 3168

### Producer

UTC Fire and Security Espana SL  
Verge de Guadalupe 3, ESPLUGUES DE LLOBREGAT, BARCELONA, SPAIN, 08950

## Conformance criteria and evaluation

The Ziton, Model ZP730/05, (with ZP730-2 p/e smoke detector), duct probe smoke detector has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. SSL Test Specification FTS-114, Version 1.1, 'Duct Probe Smoke Detectors'.

## 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 alarm threshold for the detector is maintained at Q+15.
- ii. The duct sampling body must be fixed to the duct with a gasket between both surfaces.
- iii. 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 Ziton, Model ZP730/05, (with ZP730-2 p/e smoke detector), duct probe smoke detector consists of three components, air sampling chamber, air sampling tubes and electrical interconnection. The air sampling chamber is used to mount the Ziton Model XP730-2/05 photoelectric smoke detector, ZP7-SB1 base assembly, baffle and off-set mounting points for the air sampling tubes. The electrical interconnection provides connection to the base assembly, a remote LED output, and an alarm LED function on the duct sampler. The air sampling chamber is sealed and separated from the electrical interconnection enclosure.

The sampling tubes are constructed of heavy duty conduit. The sampling tubes are prepared in accordance with Ziton technical drawing AP-174.

To ensure integrity of the duct probe smoke detector with the changes in the duct environment, the smoke detector is re-calibrated every two minutes by the control and indicator equipment.

## Technical specification

The following details are a representative extract of the technical specification for the Ziton, Model ZP730/05, (with ZP730-2 p/e smoke detector), duct probe smoke detector and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

### Dimensions:

|             |                                      |
|-------------|--------------------------------------|
| Base plate: | 220 mm x 150 mm (W x D)              |
| Overall:    | 115 mm x 180 mm x 132 mm (H x W x D) |

### Sampling tubes:

|                  |   |
|------------------|---|
| Upstream tube:   | 32 mm (O/D) with end cap                      |
| Downstream tube: | 50 mm (O/D) with 38° chamfer on trailing edge |
| Material:        | Heavy duty conduit                            |

### Detector:

|                     |                              |
|---------------------|------------------------------|
| Operation:          | Light scattering             |
| Operating voltage:  | 16 - 29 Vdc                  |
| Quiescent current:  | 600 µA @ 24 Vdc              |
| Alarm current:      | 700 µA @ 24 Vdc              |
| Temperature range:  | -10°C to +45°C               |
| Humidity:           | 0 to 92% RH (non condensing) |
| Built-in indicator: | Red LED (flashing in alarm)  |
| Address setting:    | 7 way DIP switch             |

| Tested base designation | Base + detector circuit type |
|-------------------------|------------------------------|
| Ziton, Model ZP7-SB1    | Analogue Addressable         |