



# Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
<b>afp - 1650</b>	9-Mar-2004	Number 14	Issue date 1-May-2020	30-Apr-2021

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## Product designation

**Tyco Fire Products, Model WS: SIN TY3388, 15NS thread x 8.1K(metric), 68°/93°C (3 mm bulb), special (attic, window, combustible concealed), window horiz. sidewall, fast response sprinklers**  
(Refer to the Schedule/enclosures for further specified details)

## Agent/distributor

Tyco Fire Protection Products  
Level 3, 95 Coventry Street, SOUTHBANK, VIC, AUSTRALIA, 3006

## Registrant

Tyco Fire Protection Products  
Level 3, 95 Coventry Street, SOUTHBANK, VIC, AUSTRALIA, 3006

## Producer

Tyco Fire Protection Products  
2401 Northeast Loop 289 & Muni, LUBBOCK, TX, UNITED STATES, 79403

## Conformance criteria and evaluation

The Tyco Fire Products, Model WS: SIN TY3388, 15NS thread x 8.1K(metric), 68°/93°C (3 mm bulb), special (attic, window, combustible concealed), window horiz. sidewall, fast response sprinklers have been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Underwriters Laboratories - Evaluation and listing, 'UL listing'.

## 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 Tyco Fire Products, Model WS: SIN TY3388, 15NS thread x 8.1K(metric), 68°/93°C (3 mm bulb), special (attic, window, combustible concealed), window horiz. sidewall, fast response sprinklers must be installed and maintained in compliance with Tyco technical document TFP620.
- ii. The maximum water service pressure is 1210 kPa (175 psi).

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

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### Producer's description

The Tyco Fire Products, Model WS: SIN TY3388, 15NS thread x 8.1K(metric), 68°/93°C (3 mm bulb), special (attic, window, combustible concealed), window horiz. sidewall, fast response sprinklers are fast response, glass bulb type spray sprinklers. These sprinklers are specifically listed to provide protection for heat strengthened or tempered glass windows using closed sprinklers. The success of the Model WS Specific Application Sprinkler is based on its specially designed deflector that ensures that the spray pattern wets the entire surface of the window, and its fast response thermal sensitivity.

### Technical specification

The following details are a representative extract of the technical specification for the Tyco Fire Products, Model WS: SIN TY3388, 15NS thread x 8.1K(metric), 68°/93°C (3 mm bulb), special (attic, window, combustible concealed), window horiz. sidewall, fast response sprinklers and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

#### Sprinkler Identification Number (SIN)

Horizontal Sidewall TY3388

**Actuating element:** Glass bulb - nominal 3 mm diameter  
**Operating temperature:** 68°C or 93°C  
**K Factor (metric):** 8.06(l/min, kPa)  
**Deflector style:** Horiz sidewall  
**Thread size:** 15 mm (½" NPT)  
**Overall length:** 54 mm

Reference technical data sheet TFP620, July 2005

### Supplementary information

**Finishes:** Natural Brass  
Chrome Plated  
Polyester Coated