



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 1017	9-Aug-1996	Number 13	Issue date 26-Apr-2019	30-Apr-2020

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Product designation

'Automatic', Model B, Retard Chamber

(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

Badger Fire Protection Inc.
Route 29 North, CHARLOTTESVILLE, VA, UNITED STATES, 22906

Conformance criteria and evaluation

The 'Automatic', Model B, Retard Chamber has 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. This equipment is to be installed strictly in accordance with the manufacturer's instructions as packaged with the Alarm Valve Trim Set kit.
- ii. Must always be installed where the sprinkler system water supply is/may be subject to pressure fluctuations.

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



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Producer's description

The 'Automatic', Model B, Retard Chamber is a water accumulation chamber intended to prevent false alarms that would occur where there is a varying supply pressure and a retard chamber is not installed. The chamber is supplied complete with outlet and drain fittings that have wire mesh strainers. The outlet fitting has a small flow orifice to ensure that the chamber is generally kept free of water when the alarm valve is sealed, while minimising bleed-off from the alarm water motor supply when the alarm is operating. Where there is a constant water supply pressure, a retard chamber is not required.

Technical specification

The following details are a representative extract of the technical specification for the 'Automatic', Model B, Retard Chamber and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Dimensions:

Model B Retard Chamber:

Diameter	168 mm
Length	320 mm (without inlet and outlet plugs)
Inlet tapping	1/2" NPT