



Certificate of Conformity

| Certificate num. | Registration date | Version | Valid until | |
|-------------------|-------------------|-----------|------------------------|-------------|
| afp - 1022 | 12-Aug-1996 | Number 13 | Issue date 26-Apr-2019 | 30-Apr-2020 |

Page 1 of 2

Product designation

'Automatic', Part No. 188-200, Water Motor & Alarm Gong

(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', Part No. 188-200, Water Motor & Alarm Gong 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. For proper operation of this equipment, the total equivalent length of alarm line piping should not exceed 23 m. The water motor should not be located more than 6.1 m above the sprinkler control valve.
- ii. Alarm line piping shall be galvanized internally, and at least DN20 in size. If pressure is low, or runs of piping longer than 23 m are needed, larger sized piping shall be used. The alarm line pipe shall be fitted with the approved 20NS strainer supplied with the alarm valve kit.
- iii. Not to be installed in a frost-prone location.

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

| Certificate num. | Registration date | Version | | Valid until | Page 2 of 2 |
|-------------------|-------------------|--------------|---------------------------|-------------|-------------|
| afp - 1022 | 12-Aug-1996 | Number 13 | Issue date 26-Apr-2019 | 30-Apr-2020 | |

Producer's description

The 'Automatic', Part No. 188-200, Water Motor & Alarm Gong is a mechanical, water-powered device which signals the flow of water in an automatic sprinkler system.

The 'Automatic' Water Motor Alarm is usually supplied for mounting on walls of thickness 50 mm to 330 mm, the water motor assembly being on the inside and the gong assembly on the outside of the wall. A riser-pipe mounting kit can be supplied, to suit pipe sizes DN65 to DN200.

Technical specification

The following details are a representative extract of the technical specification for the 'Automatic', Part No. 188-200, Water Motor & Alarm Gong and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Dimensions:

Alarm gong assembly:

| | |
|------------------------------------|--------|
| Diameter: | 203 mm |
| Maximum projection from wall face: | 76 mm |

Water motor assembly:

| | |
|-----------------------------------|---------------|
| Inlet and drain ports | 20 NPT Female |
| Overall width | 167 mm |
| Overall height | 148 mm |
| Maximum projection from wall face | 86 mm |