



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 1006	6-Jul-1995	Number 14	Issue date 26-Apr-2019	30-Apr-2020

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Product designation

Viking, Model M, 15NS x 2-7.9K(metric), Automatic (57°/68°/79°/93°/141°C) or Open, 60°/90°/120°/150° incl. spray angle, Waterspray nozzles

(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

Viking Fire Protection Supplies Pty Ltd
95 – 99 Hardys Road, UNDERDALE, SA, AUSTRALIA, 5032

Registrant

Viking Fire Protection Supplies Pty Ltd
95 – 99 Hardys Road, UNDERDALE, SA, AUSTRALIA, 5032

Producer

The Viking Corporation
210 North Industrial Park Drive, HASTINGS, MICHIGAN, UNITED STATES, 49058

Conformance criteria and evaluation

The Viking, Model M, 15NS x 2-7.9K(metric), Automatic (57°/68°/79°/93°/141°C) or Open, 60°/90°/120°/150° incl. spray angle, Waterspray nozzles 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. Fire sprinkler equipment, system design and installation should be determined and verified in accordance with the performance and prescribed requirements of the regulations, standards and criteria as specified by the building code and authorities having jurisdiction. Due considerations include the occupancy fire loading, sprinkler location, coverage, response, hydraulic characteristics and other specified requirements relevant to the conformance and effectiveness of the equipment and installed system..

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 Viking, Model M, 15NS x 2-7.9K(metric), Automatic (57°/68°/79°/93°/141°C) or Open, 60°/90°/120°/150° incl. spray angle, Waterspray nozzles are small thermosensitive 5 mm glass bulb directional spray nozzles for use on water spray systems. When spraying, the nozzles discharge a cone shaped spray pattern. The deflector determines the included angle of spray pattern discharge. A special ring provides uniform distribution throughout the spray pattern.

This equipment may be delivered without the glass bulb and pip cap assembly removed for use on deluge systems.

Technical specification

The following details are a representative extract of the technical specification for the Viking, Model M, 15NS x 2-7.9K(metric), Automatic (57°/68°/79°/93°/141°C) or Open, 60°/90°/120°/150° incl. spray angle, Waterspray nozzles and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Actuating element:	5 mm frangible glass bulb
Temperature ratings:	57°C, 68°C, 79°C, 93°C, 141°C, or open
Discharge spray angle:	60°, 90°, 120°, 150°
Orifice sizes (nominal):	6 mm, 8 mm, 10 mm, 11 mm, and 15 mm
Thread size:	15 mm