



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 17	30-Aug-1989	Number 15	Issue date 1-May-2020	30-Apr-2021

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Product designation

Viking, Model H-1, Flow Control Valve

(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

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

Producer

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

Conformance criteria and evaluation

The Viking, Model H-1, Flow Control Valve 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. The maximum allowable inlet 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



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Producer's description

The Viking, Model H-1, Flow Control Valve is a quick opening, differential diaphragm valve with a spring loaded floating clapper. The Flow Control Valve can be used to facilitate manual or automatic on/off control. It can also be used to control water pressure or water flow rates. As an on/off control valve it is used on deluge systems, sprinkler systems or to automatically fill tanks or reservoirs.

This equipment can be used as pressure reducing valve to limit or conserve water flow. The valve is an integral part of the Viking Firecycle System.

Technical specification

The following details are a representative extract of the technical specification for the Viking, Model H-1, Flow Control Valve and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Size: 50 mm, 80 mm, 100mm, 150 mm
Connection style: 50 mm 2" NPT Female inlet and outlet
80 mm, 100 mm, 150 mm Standard flanged inlet and grooved outlet
Friction loss: Expressed in equivalent length of pipe based on Hazen and Williams formula with C=120