



Certificate of Compliance

This certificate is issued for the following equipment:

Open Water-Spray Nozzles for Fire Protection

Model	Nominal K-Factor (gpm/(psi) ^{1/2})	Nominal Spray Angle (Degrees)	Nominal Thread Size (in.)	Finishes
HV-AS	1.25	80	3/4	Brass, Chrome, Electroless Nickel
HV-AS	1.53	75	3/4	Brass, Chrome, Electroless Nickel
HV-AS	1.81	100	3/4	Brass, Chrome, Electroless Nickel
HV-AS	2.22	90	3/4	Brass, Chrome, Electroless Nickel
HV-AS	1.60	120	3/4	Brass, Chrome, Electroless Nickel
HV-AS	2.92	115	3/4	Brass, Chrome, Electroless Nickel

Prepared for: HD Fire Protect Pvt. Ltd., K-98, Ajanta Road, Jalagon -425 003, India

Manufacturing Location: HD Fire Protect Pvt. Ltd., D-6/2, Road No. 34, Wagle Industrial Estate, Thane – 400604, India

FM Approvals Class: 2025

FM Approval Standard: Class Series 2021/2025 (February 2010)

Approval Identification: PR455033

Approval Granted: December 15, 2020

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.



Member of the FM Global Group

A handwritten signature in dark ink, appearing to read 'D.B. Fuller', is written over a horizontal line.

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062
USA



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Open Water-Spray Nozzles for Fire Protection

Model	Nominal K-Factor (gpm/(psi) ^{1/2})	Nominal Spray Angle (Degrees)	Nominal Thread Size (in.)	Finishes
HV-BS	1.25	80	3/4	Stainless Steel, Electroless Nickel
HV-BS	1.53	75	3/4	Stainless Steel, Electroless Nickel
HV-BS	1.81	100	3/4	Stainless Steel, Electroless Nickel
HV-BS	2.22	90	3/4	Stainless Steel, Electroless Nickel
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