



# Certificate of Compliance

This certificate is issued for the following equipment:

Model	Nominal K-Factor (gpm/(psi) <sup>1/2</sup> )	Nominal Spray Angles (Degrees)	Nominal Thread Size (in.)	Finishes
MV-AS	1.26	65, 80, 90, 100, 110, 120, 140	1/2	Brass, Chrome, Electroless Nickel Plated, Epoxy Powder Coated
MV-AS	1.54	65, 80, 90, 100, 110, 120, 140	1/2	Brass, Chrome, Electroless Nickel Plated, Epoxy Powder Coated
MV-AS	2.10	65, 80, 90, 100, 110, 120, 140	1/2	Brass, Chrome, Electroless Nickel Plated, Epoxy Powder Coated
MV-AS	2.45	65, 80, 90, 100, 110, 120, 140	1/2	Brass, Chrome, Electroless Nickel Plated, Epoxy Powder Coated
MV-AS	2.87	65, 80, 90, 100, 110, 120, 140	1/2	Brass, Chrome, Electroless Nickel Plated, Epoxy Powder Coated

*Nozzles are Approved with optional blow-off plug*

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

Manufacturing Location: HD Fire Protect Pvt Ltd, C6 Nandanvan Industrial Estate, LBS Marg,  
Thane – 400604, India

FM Approvals Class: 2025

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

Approval Identification: 3046314

Approval Granted: June 11, 2013

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.

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

A handwritten signature in black ink, appearing to read "Richard B. Dunne", is written over a white rectangular background.

Richard B. Dunne  
Group Manager – Fire Protection  
FM Approvals  
1151 Boston-Providence Turnpike  
Norwood, MA 02062  
USA



*Member of the FM Global Group*

FM Approvals HLC  
04/13



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MV-A	3.57	65, 80, 90, 100, 110, 120, 140	1/2	Brass, Chrome, Electroless Nickel Plated, Epoxy Powder Coated
MV-A	4.48	65, 80, 90, 100, 110, 120, 140	1/2	Brass, Chrome, Electroless Nickel Plated, Epoxy Powder Coated
MV-A	5.53	65, 80, 90, 100, 110, 120, 140	1/2	Brass, Chrome, Electroless Nickel Plated, Epoxy Powder Coated
MV-A	6.37	65, 80, 90, 100, 110, 120, 140	1/2	Brass, Chrome, Electroless Nickel Plated, Epoxy Powder Coated
MV-A	7.14	65, 80, 90, 100, 110, 120, 140	1/2	Brass, Chrome, Electroless Nickel Plated, Epoxy Powder Coated

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MV-E	1.26	65, 80, 90, 100, 110, 120, 140	1/2	Brass, Chrome, Electroless Nickel Plated, Epoxy Powder Coated
MV-E	1.54	65, 80, 90, 100, 110, 120, 140	1/2	Brass, Chrome, Electroless Nickel Plated, Epoxy Powder Coated
MV-E	2.10	65, 80, 90, 100, 110, 120, 140	1/2	Brass, Chrome, Electroless Nickel Plated, Epoxy Powder Coated
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MV-BS	1.26	65, 80, 90, 100, 110, 120, 140	1/2	Stainless Steel
MV-BS	1.54	65, 80, 90, 100, 110, 120, 140	1/2	Stainless Steel
MV-BS	2.10	65, 80, 90, 100, 110, 120, 140	1/2	Stainless Steel
MV-BS	2.45	65, 80, 90, 100, 110, 120, 140	1/2	Stainless Steel
MV-BS	2.87	65, 80, 90, 100, 110, 120, 140	1/2	Stainless Steel

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