

CERTIFICATE OF COMPLIANCE

Certificate Number EX5056
Report Reference EX5056-19961001
Issue Date 2020-FEBRUARY-26

Issued to: HD FIRE PROTECT PVT LTD
D-6/2, Road No. 34
Wagle Industrial Estate
Thane Maharashtra 400604 INDIA

This certificate confirms that representative samples of

NOZZLES, SPRAY TYPE, FIXED
See Addendum Page

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety:

ANSI/UL 2351 - Standard for Spray Nozzles for Fire-Protection Service

Additional Information:

See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Models/Product:

Medium velocity (MV) non-automatic fixed spray nozzle, Model A and E in the sizes Km-18, Km-22, Km-30, Km-35, Km-41, Km-51, Km-64, Km-79, Km-91 and Km-102 K-factors. and Model MV-AS (with strainer) in the Km-18, Km-22, Km-30, Km-35 and Km-41 K-factors and with various deflector designs to produce spray angles of 65, 80, 90, 100, 110, 120 and 140 degrees.

High velocity non-automatic pattern spray nozzles, Model HV-A and Model HV-B (without strainer) Model HV-AS and Model HV-BS (with strainer) in the following sizes and spray angles: Km-18 (80°), Km-22 (75°), Km-23 (120°), Km-26 (100°), Km-32 (90°) and Km-42 (115°).

Medium velocity (MV) non-automatic fixed spray nozzle, Model MV-B with Km-18, Km-22, Km-30, Km-35, Km-41, Km-51, Km-64, Km-79, Km-91 and Km-102 K-factors and Model MV-BS (with strainer) with Km-18, Km-22, Km-30, Km-35 and Km-41 K-factors and with various deflector designs to produce spray angles of 65, 80, 90, 100, 110, 120 and 140° degrees.

Models HV-H and HV-HB non-automatic spray nozzles with, Km-48, Km-58, Km-61 and Km-78 metric K-factors.

Model MV-C, MV-CB and MV-CE are Medium velocity reverse action water spray nozzle with Km-30, Km-51, Km-64, Km-79 and Km-120 each in spray angle of 140 and 120 degree.

Model MV-CS and MV-CBS are Medium velocity reverse action water spray nozzle with Km-18, Km-22 each in spray angle of 120 and 140 degree.

Model MV-A, MV-AS, MV-E, MV-B, and MV_BS are Medium velocity water spray nozzle with Km-18, Km-22, Km-30, Km-35, Km-41 each in spray angle of 160 degree.

Model MV-A, MV-AS, MV-E, MV-B, and MV_BS are Medium velocity water spray nozzle with Km-26 each in spray angle of 65, 80, 90, 100, 110, 120, 140, 160 degree.



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