

CERTIFICATE OF COMPLIANCE

Certificate Number 20190429-EX27211
Report Reference EX27211-20161219
Issue Date 2019-APRIL-29

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 SPRINKLERS, OUTSIDE
SEE ADDENDUM PAGE FOR MODELS

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

Standard(s) for Safety: UL 199 Standard for Automatic Sprinklers 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

Type	Model	Orifice size inch	Discharge Coefficient K	
			K (GPM/(psig) ^{1/2})	K-m (LPM/(kg/cm ²) ^{1/2})
Window curtain nozzle	CN/CNS	0.2807087	1.4	20
Window curtain nozzle	CN/CNS	0.2814961	1.6	23
Window curtain nozzle	CN/CNS	0.3291339	2.2	32
Window curtain nozzle	CN/CNS	0.3870079	2.9	42
Window curtain nozzle	CN/CNS	0.4448819	4.05	58
Window curtain nozzle	CN/CNS	0.53503937	5.5	79
Tank cooling nozzle	TS/TSS	0.2807087	1.4	20
Tank cooling nozzle	TS/TSS	0.3314961	2.1	30
Tank cooling nozzle	TS/TSS	0.3559055	2.6	37
Tank cooling nozzle	TS/TSS	0.3870079	2.9	42
Tank cooling nozzle	TS/TSS	0.44606299	4.05	58
Tank cooling nozzle	TS/TSS	0.53188976	5.5	79



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