

Description

The FIREKILL™ Model MS is a medium velocity water spray nozzle which delivers a full cone spray of water from the nozzle in an angle of 90° or 120°. The nozzle functions with a water pressure of 2-4 bar making it possible to utilize the nozzles in very harsh wind conditions.

Model MS Medium Velocity Spray Nozzles are available with ½" NPT male connections.

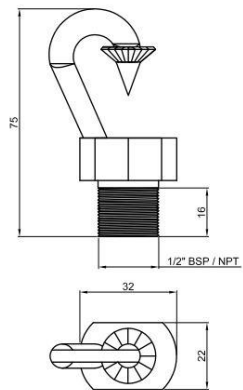
Model MS Medium Velocity Spray Nozzles are available with and without nozzle strainers. Nozzles should only be utilized in pipe systems with clean internal pipe surfaces and cavities. Nozzles should be installed in systems with a main-line water strainer with mesh size less than 3mm.

Applications

The Model MS nozzle is designed for fire protection and cooling of primarily tanks, building and structures against hydrocarbon fires.

Approvals

The nozzles Model MS16/23/40/59 in Titanium and Naval Brass are FM approved with spray angle 90 dg and 120 dg.



Technical data

General description					
Nominal pressure	2 – 4 Bar				
Spray angle	90 dg / 120 dg / 180 dg (+5% / -10%)				
Model	MS16	MS23	MS40	MS59	MS80
Kv (l/min@1bar)+/-5%	16	23	40	59	80
Orifice (mm)	6,00	7,15	9,60	11,2	13,1
Connection	1/2" BSP / NPT Male				
Material / weight	Brass w/NiSn	CuZn58 + NiSn	0,102 Kg		
	Naval brass	CuZn36Pb2As	0,102 Kg		
	Stainless steel	AISI 316	0,096 Kg		
	Super Duplex	1.4410	0,096 Kg		
	Titanium	Grade 2	0,056 Kg		
Strainer material	Stainless steel	AISI 316			
	Titanium	Grade 2			

Installation

Piping should be flushed prior to installation of the nozzles. The nozzles can be used for both fresh water and sea water applications.

Contact

For further information on FIREKILL™ products, please contact our sales department at Sales@vidfirekill.com

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