

Description

The FIREKILL™ Model MS16 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 MS16 Nozzles have a K-factor of 16 (liter/minute/√bar).

Model MS16 Medium Velocity Spray Nozzles are available with 1/2" BSP & NPT male connections.

Model MS16 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 MS16 nozzle is designed for fire protection and cooling of primarily tanks, building and structures against hydrocarbon fires.

Approvals

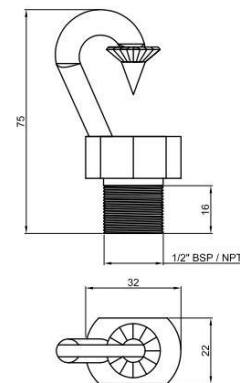
The Model MS16 Titanium and Naval Brass nozzles are FM approved.

Technical data

General Description			
Approved water pressure	2-4 bar		
Spray Angle	90° (+5%-10%)	120° (+5% -20%)	
K-value	16,0 +/-5% (l/min/√bar)	16,0 +/-5% (l/min/√bar)	
Connections	1/2" BSP / 1/2" NPT male		
Nozzle Materials and weight	Brass	CuZn58.	0,102 Kg
	Brass w. NiSn plating	CuZn58+NiSn	0,102 Kg
	Naval Brass*	CuZn35Ni	0,102 Kg
	Stainless Steel	AISI 316	0,096 Kg
	Titanium	Grade 2	0,056Kg
Strainer Materials	Copper	Cu	
	Copper w. NiSn plating	Cu + NiSn	
	Stainless Steel	AISI 316	
	Titanium	Grade 2	



Dimension



Only Naval Brass and Titanium nozzle w/stainless steel strainer are FM Approved. For further information on FIREKILL™ products, please contact our sales department at Sales@vidfirekill.com

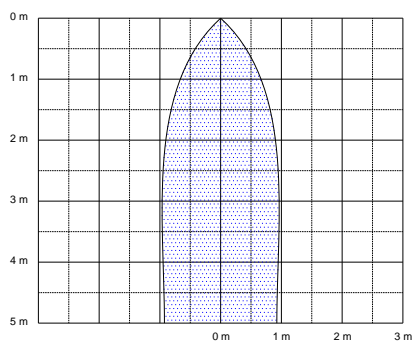


Installation

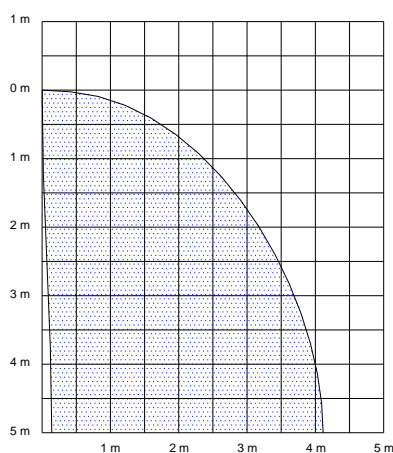
Piping should be flushed prior to installation of the nozzles. The nozzles can be used for both fresh water and sea water applications.

Spray pattern at 2-4 Model MS16-90

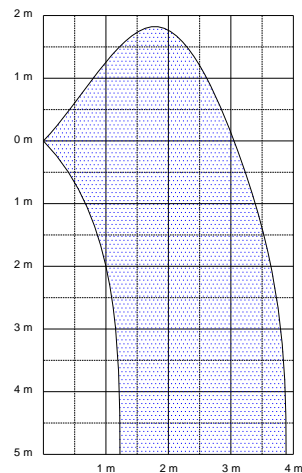
Vertical



Angled 45 dg

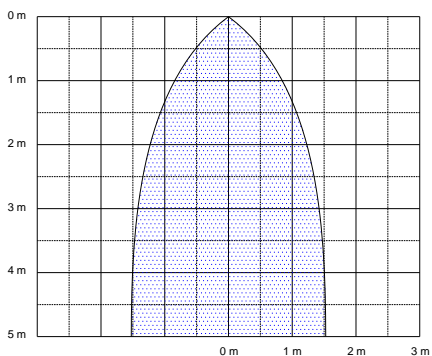


Horizontal

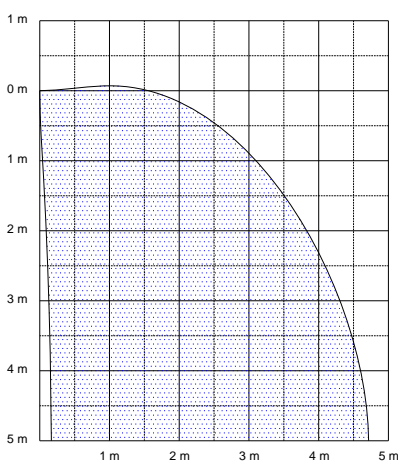


Spray pattern at 2-4 Model MS16-120

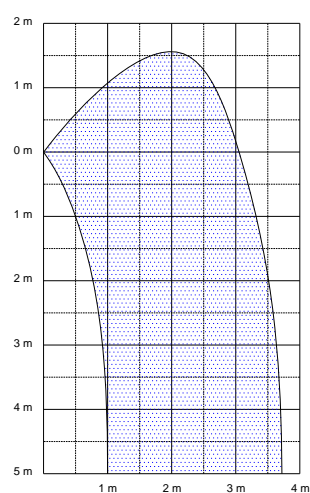
Vertical



Angled 45 dg



Horizontal



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