

Description

The FIREKILL™ Model HS80-90 is a high-speed water spray nozzle which delivers a full cone spray of water from the nozzle in an angle of 90° ±5%. The nozzles functions with a water pressure of 2-4 bar making it possible to utilize the nozzles in very harsh wind conditions.

Model HS80-90 Nozzles have a K-factor of 80.0+0%-8% (liter/minute/√bar).

Model HS80-90 High Speed Nozzles are available with 1" NPT male connection. Optional connections available upon request.

All internal water ways have diameters larger than 3mm. 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 equal to or less than 3mm.

Applications

The Model HS80-90 nozzle is designed for fire protection and cooling of primarily tanks, building and structures against hydrocarbon fires.

Approvals

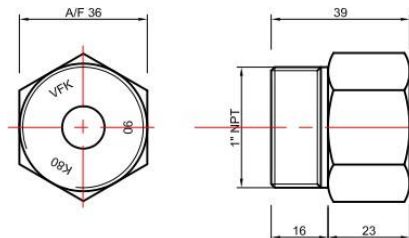
The Model HS80-90 Titanium and Naval Brass nozzles are FM approved.



Technical data

Dimension

General Description			
Approved water pressure	2-4 bar		
Spray Angle	90° ±5%.		
K-value	80,0 +0%-8% (l/min/√bar)		
Connection	1" NPT male		
Nozzle material			
Standard	Titanium*	Grade 2	0,12 Kg
	Super Duplex	25Cr	
Options. Min. qty may apply	Stainless Steel	AISI 316	0,18 Kg
	Naval Brass*	CuZn35Ni	0,20 Kg
Strainer material			
Standard	Stainless Steel*	AISI 316	
Optional	Titanium*	Grade 2	



*Only Naval Brass and Titanium nozzle are FM Approved



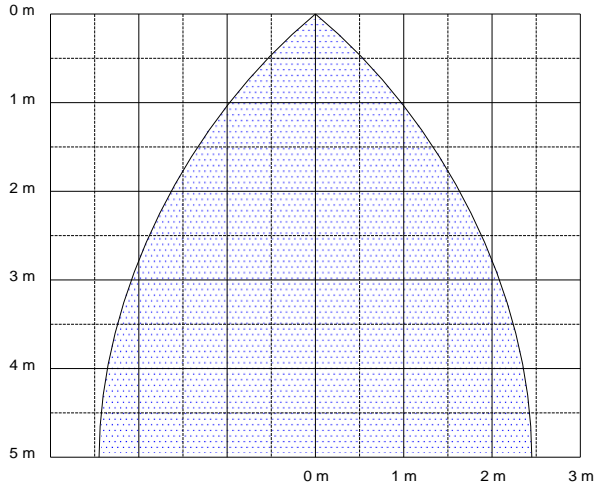
NOTE: Minimum quantity may apply when ordering products with optional material and connections such as BSP or BSPT.

Contact

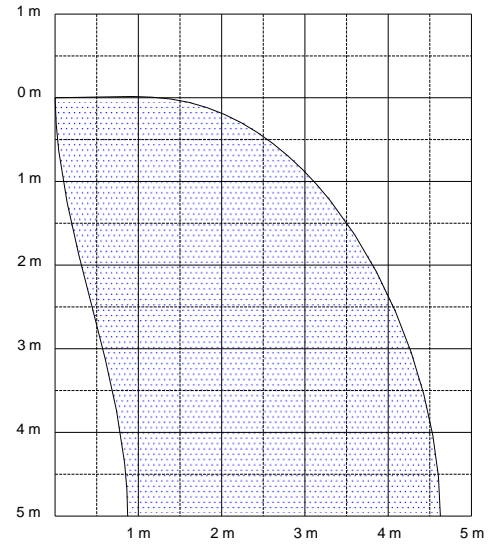
For further information on FIREKILL™ products, please contact our sales department at Sales@vidfirekill.com

Spray pattern at 2-4

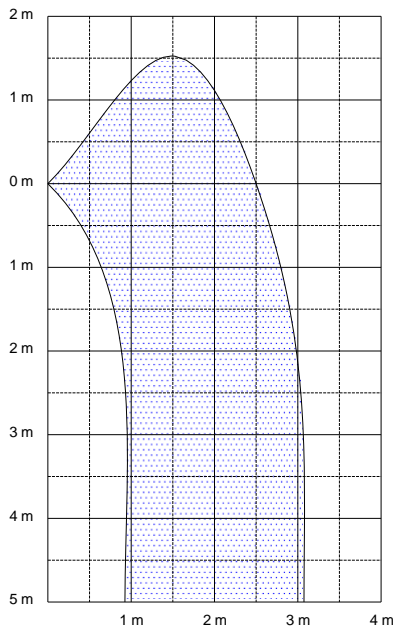
Vertical



Angled - 45°



Horizontal



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