Description

Model HS23-120 is a high-speed water spray nozzle which delivers a full cone spray of water from the nozzle in an angle of 120° ±5%. The nozzles functions with a water pressures of 2-10 bar making it possible to utilize the nozzles in very harsh wind conditions.

Model HS23-120 Nozzles have a K-factor of 24.5±5% (liter/minute/√bar).

Model HS23-120 High Speed Nozzles are available with 1" BSP & NPT male connections.

Model HS23-120 High Speed Nozzles are available with strainer(FM Approved version) and without nozzle strainers. Nozzle strainers have 2mm mesh size.

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 HS23-120 nozzle is designed for fire protection and cooling of primarily tanks, building and structures against hydrocarbon fires.

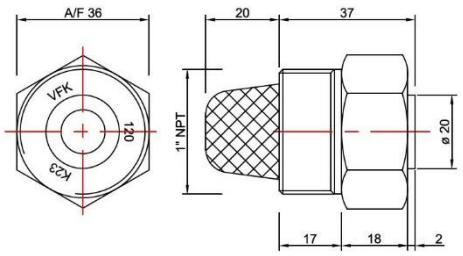
Approvals

The Model HS23-120 Titanium and Naval Brass nozzles are FM approved.

Technical data

General Description			
Approved water pressure	2-10 bar		
Spray Angle	120° ±5%.		
K-value	24,5 ±5 (l/min/√bar)		
Connections	1" BSP / 1" NPT male		
Nozzle Materials and weight	Brass	CuZn58.	0,20 Kg
	Brass w. NiSn plating	CuZn58 + NiSn	0,20 Kg
	Naval Brass*	CuZn35Ni	0,20 Kg
	Stainless Steel	AISI 316	0,18 Kg
	Titanium*	Grade 2	0,12 Kg
	Super Duplex	25Cr	
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

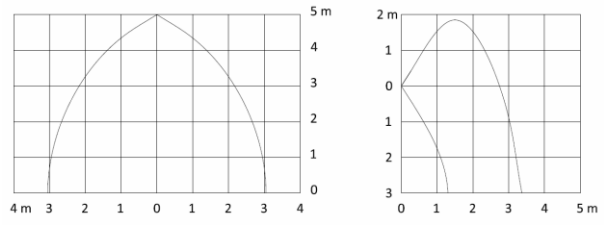
FM APPROVED

Contact

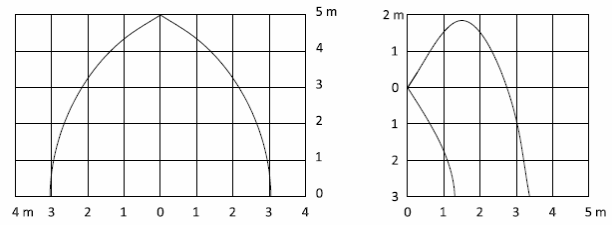
For further information on FIRE KILL™ products, please contact our sales department at Sales@vidaps.dk

FIREKILL™
by VID Fire-Kill ApS

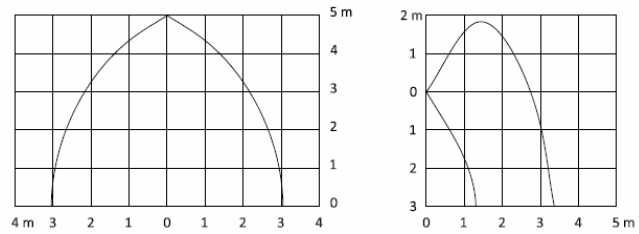
Spray pattern at 2-4



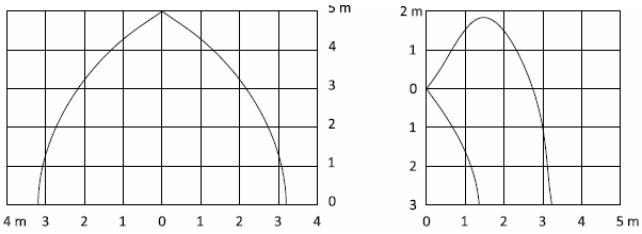
Spray Pattern at 4 bar



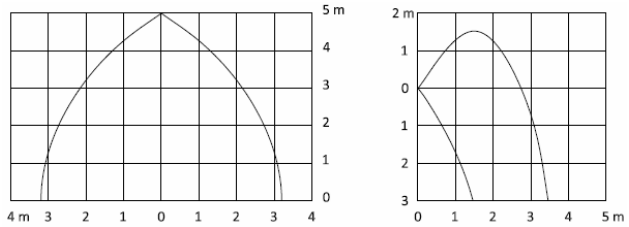
Spray Pattern at 5 bar



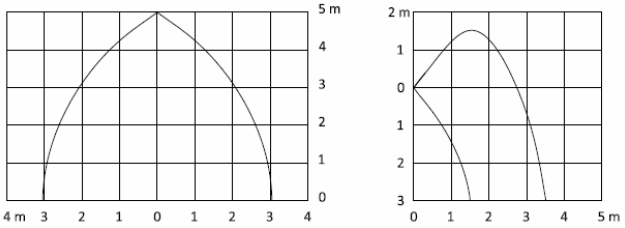
Spray pattern at 6 bar



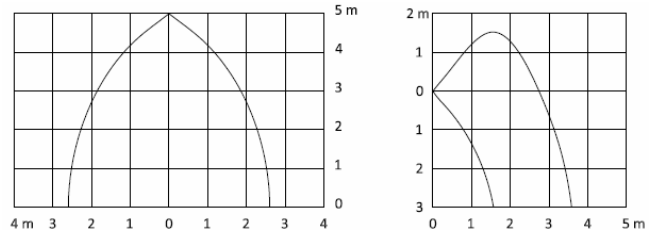
Spray Pattern at 7 bar



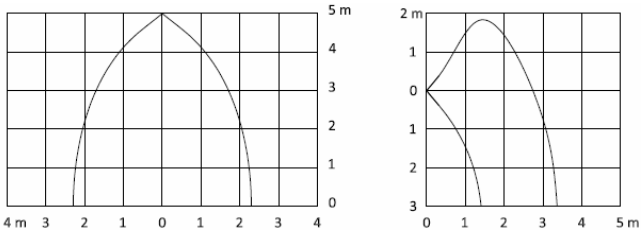
Spray Pattern at 8 bar



Spray Pattern at 9 bar



Spray Pattern at 10 bar



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