

Datasheet

Pendent Automatic Low Pressure Water Mist Nozzle

Model: OH-PX1

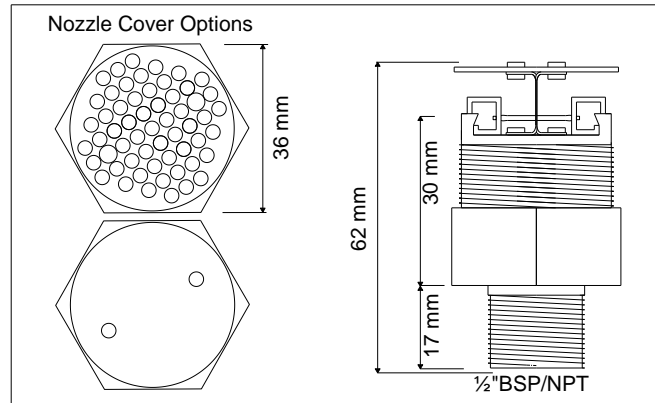
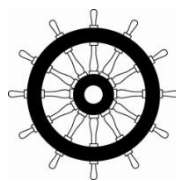


Description

The VID Fire-Kill Low Pressure Water Mist Nozzle Model OH-PX1 is a patented automatic, semi-concealed low pressure water mist nozzle. Ideal for installations such as fire protection of shopping and storage spaces and other similar locations with smooth ceilings and walls, and it provides a highly reliable and enhanced firefighting performance along with low water requirements, which is typical for VID Fire-Kill water mist nozzles. The nozzle is available in custom finishes and optional colored finishes, thus making the OH-PX1 blend in with almost every type of surface.

Approvals

The OH-PX1 has been tested in accordance with IMO Resolution MSC. 265(84) for shopping and storage occupancies. The OH-PX1 can be used for securing storage rooms, ware houses, car parks, garages, and other similar areas. The nozzle is MED approved by Lloyd's register and TA approved by DNV.



General Stats	
Minimum water pressure	9 bar
Maximum working pressure	16 bar
K-factor (metric)	22.3 (l/t/√bar)
Nominal release temperatures	57°C, 68°C, 79°C, 93°C, 141°C
Drop size	DN ₉₀ < 300 µm
Application	
Coverage Area	16 m ² (4m x 4m)
Distance to wall	Max 2 m
Height	Max 2.5 m
Specific Stats	
Dimension	See fig. above
Weight	0.211 kg
Housing	Brass
Coating	NiSn
Strainer	Stainless Steel
Thread	1/2" BSP/NPT
Standard Finish	NiSn Chrome White RAL 9001
Other Finish	Other RAL colors
Cover options	Solid Penetrated
Hydraulic System	
Water density	4.2 mm/m ²
Design area and system operation time	As for sprinklers installed in similar hazard groups
Related Products	
Name	Model
Alarm Valve	WAC
OH Rosette	OH-R-T
OH Pipe Spanner	OH-S36

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Installation

The OH-PX1 nozzles are installed recessed in a ceiling, using the OH-S36 nozzle spanner, as not to damage the nozzle or the surrounding ceiling, with a maximum distance of 4 m between nozzles and a maximum distance of 2 m to any walls needing protection.

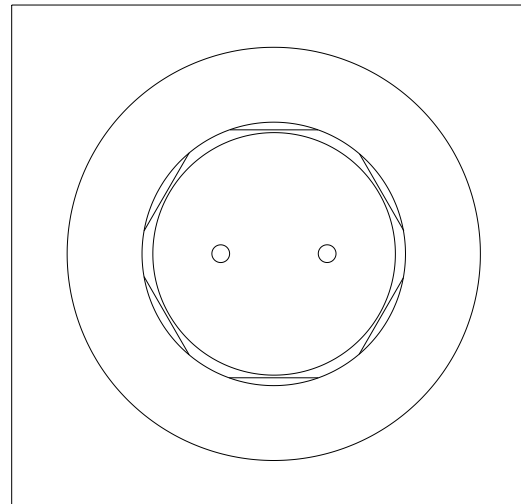
The OH-PX1 should only be installed in clean, non-corrosive pipe systems, which do not cause galvanic corrosion to the nozzle, system components or pipe hangers, and with clean rinsed internal surfaces free of impurities. The water quality should be free of chlorides and impurities

After successful installation of the nozzle, the OH-R-T rosette is screwed on to the nozzle to complete the installation process.

The system should be in materials found acceptable by the authorities having jurisdiction.

Spray Pattern

Below is a diagram illustrating the spray pattern of OH-PX1.



Caution

The OH-PX1 is a fragile component containing a glass release element under pressure. Only VID OH-Spanners should be used in the installation of the OH-PX1 nozzle.

Dropped or otherwise damaged nozzles should not be installed.

Contact

For further information on the OH-PX1 or similar nozzles, please contact your nearest sales office.

Find your nearest sales office at www.vid.eu

