

Description

The FIRE KILL™ Low Pressure Water mist nozzle OH-Neptun is a series of automatic, pendent low-pressure water mist nozzle for marine accommodations. The different finishes and optional painted finishes make the system blend in with almost every type of surface.



Approvals

The FIRE KILL™ OH-Neptun has been tested in accordance with IMO Resolution MSC.265(84) Sprinkler systems equivalent to that referred to in Solas regulation II-2/12 (Resolution A.800(19)). The nozzle is holding MED-B, UK MER-B and TA by DNV.



Nozzle type

Type	OH-L0	OH-L1	OH-L2	OH-CA	OH-CA1
Occupancy classification	1 – 6 – 7 - 9	1 – 6 – 7 - 9	1 – 6 – 7 - 9	6 – 7 - 9	6 – 7 - 9
Coverage / Spacing	2,5 m x 2,5 m	4,0 m x 4,0 m	4,0 m x 4,0 m	20 m²	12 m²
Ceiling height	2,5 m	2,5 m	5,0 m	2,5 m	2,5 m
Operating pressure	6 – 16 Bar	6 – 16 Bar	6 – 16 Bar	6 – 16 Bar	6 – 16 Bar
K-Value	7,0	13,5	14,5	10,0	13,0

Type	OH-CA2	OH-SWC	OH-CO	OH-PX1	
Occupancy classification	6 – 7 - 9	6 – 7 - 9	2 – 3	13 - 14	
Coverage / Spacing	22 m²	18 m²	1,5 m x 3,0 m	4,0 m x 4,0 m	
Ceiling height	2,5 m	2,5 m	2,5 m	2,5 m	
Operating pressure	6 – 16 Bar	6 – 16 Bar	6 – 16 Bar	9 – 16 Bar	
K-Value	18,0	15,5	23,0	22,3	

Occupancy classification	Section 5 cabin	Section 5 corridor	Section 7 public space	Section 8 shopping and storage
(1) Control stations			X	
(2) Stairways		X1/		
(3) Corridors		X1/		
(6) Accommodation space minor fire risk	X2/		X3/	
(7) Accommodation spaces of moderate fire risk	X2/		X3/	
(8) Accommodation spaces of greater fire risk			X	
(9) Sanitary & similar spaces	X2/		X3/	
(13) Storerooms, workshops, pantries				X
(14) Other spaces in which flammable liquids are stored				X

Note: For examples of occupancies in each category, see SOLAS regulation II-2/26[1]

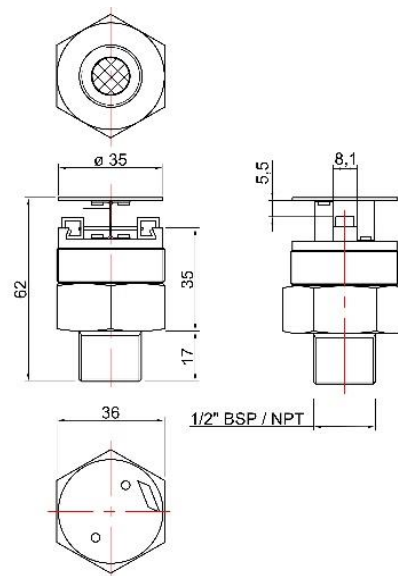
1/ For corridors and stairways wider than 1,5 m - use section 7 Public Space fire test instead of the Corridor fire test.

2/ For spaces up to 20 m²

3/ For spaces over 20 m²

Technical data

General Description	
Nominal release temperatures	57°C, 68°C, 79°C, 93°C, 141°C
Time Response Index (metric)	RTI < 50 Fast Response Class
Drop size	DV90 < 300 µm
Weight	0.211 kg
Housing	Brass
Coating	NiSn
Strainer	Stainless Steel
Thread	1/2" BSP/BSP-T/NPT
Standard Finish	Chrome, White RAL 9010
Other Finish	Other RAL colors
Other products to be installed in the system	
Name	Model
Alarm Check Valve	WAC
OH Rosette	OH-R3
OH Pipe Spanner	OH-S42



Installations

The OH-Neptun nozzles are installed recessed in a ceiling, using the OH-S42 nozzle spanner, as not to damage either nozzle or the surrounding ceiling, with a maximum distance of 1/2 spacing to any bulkheads.

The **FIRE KILL™** OH-Neptun nozzles should only be installed in clean, non-corrosive pipe systems, which do not cause galvanic corrosion to the nozzle, the system components and 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-R3 rosette is to be screwed on to the nozzle, thus completing the installation process. The nozzle may also be surface mounted into open pipe work. The system should be installed using materials found acceptable by the authorities having jurisdiction.

Caution

The **FIRE KILL™** OH-Neptun nozzles is a fragile component, containing a glass release element under pressure. Only VID OH-spanners should be used in the installation of the **FIRE KILL™** OH-Neptun nozzles.

Dropped or otherwise damaged nozzles should not be reinstalled.

Contact

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

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