

Description

The FIRE KILLTM Low Pressure Water mist nozzle OH-CO is an automatic, pendent low-pressure water mist nozzle ideal for corridors, staircases, and such applications. The different finishes and optional painted finishes make the system blend in with almost every type of surface.



Approvals

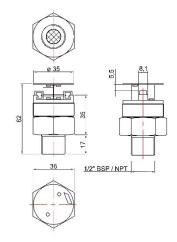
The FIRE KILLTM OH-CO has been tested in accordance with IMO Resolution MSC.265(84) for corridors and similar spaces. The FIRE KILLTM OH-CO can therefore be used for securing corridors, staircases, and other similar areas with a maximum width of 1,50 m. The nozzle is holding MED-B, UK MER-B and TA by DNV.



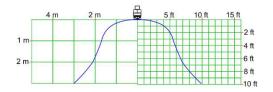
Technical data

General Description Minimum water pressure 6 bar Maximum working pressure 16 bar K-factor (metric) 15,5 (I/min@1 bar) 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 Application Coverage 4.5 m² (3m x 1,5m) Distance to wall (max) 0,75 m Room width (max) 1,5m Height (min / max) 2,5m Specific Description Weight 0.211 kg Housing Brass Coating NiSn Strainer Stainless Steel Thread ½" BSP/BSP-T/NPT Standard Finish Chrome, White RAL 9010 Other Finish Other RAL colors Hydraulic System Water density 8.50 mm/m² Minimum system operation time As required by AHJ Minimum design area As required by AHJ Other products to be installed in the system Name Model Alarm Check Valve WAC OH Rosette OH-R3T OH Pipe Spanner	recillical dala	
Maximum working pressure K-factor (metric) 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 Application Coverage 4.5 m² (3m x 1,5m) Distance to wall (max) 0,75 m Room width (max) 1,5m Height (min / max) 2,5m Specific Description Weight 0.211 kg Housing Brass Coating NiSn Strainer Stainless Steel Thread ½" BSP/BSP-T/NPT Standard Finish Other Finish Other Finish Water density Minimum system operation time Minimum design area As required by AHJ Other products to be installed in the system Name Model Alarm Check Valve OH Rosette OH-R3T	General Description	
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Time Response Index (metric) Drop size DV90 < 300 µm Application Coverage 4.5 m² (3m x 1,5m) Distance to wall (max) 0,75 m Room width (max) Height (min / max) 2,5m Specific Description Weight Housing Brass Coating NiSn Strainer Stainless Steel Thread ½" BSP/BSP-T/NPT Standard Finish Other Finish Other Finish Mare Model Alarm Check Valve OH Rosette DV90 < 300 µm RTI < 50 Fast Response Class DV90 < 300 µm RTI < 50 Fast Response Class DV90 < 300 µm As max 1,5m) 0,75 m 0,75 m 0,75 m 0,75 m 0,211 kg Brass Coating Stainless Steel NiSn Stainless Steel Chrome, White RAL 9010 Other RAL colors Hydraulic System Water density As required by AHJ Other products to be installed in the system Model Alarm Check Valve OH-R3T	K-factor (metric)	15,5 (I/min@1 bar)
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Application Coverage	Time Response Index (metric)	RTI < 50 Fast Response Class
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Height (min / max) Specific Description Weight Housing Brass Coating NiSn Strainer Stainless Steel Thread ½" BSP/BSP-T/NPT Standard Finish Other Finish Other RAL colors Hydraulic System Water density Minimum system operation time As required by AHJ Minimum design area As required by AHJ Other products to be installed in the system Name Model Alarm Check Valve OH Rosette OH-R3T	Distance to wall (max)	0,75 m
Specific Description Weight 0.211 kg Housing Brass Coating NiSn Strainer Stainless Steel Thread ½" BSP/BSP-T/NPT Standard Finish Chrome, White RAL 9010 Other Finish Other RAL colors Hydraulic System Water density 8.50 mm/m² Minimum system operation time As required by AHJ Minimum design area As required by AHJ Other products to be installed in the system Name Model Alarm Check Valve WAC OH Rosette OH-R3T	Room width (max)	1,5m
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Water density Minimum system operation time As required by AHJ Minimum design area As required by AHJ Other products to be installed in the system Name Model Alarm Check Valve OH Rosette OH-R3T	Other Finish	Other RAL colors
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Minimum design area As required by AHJ Other products to be installed in the system Name Model Alarm Check Valve WAC OH Rosette OH-R3T	Water density	8.50 mm/m ²
Other products to be installed in the system Name Model Alarm Check Valve WAC OH Rosette OH-R3T	Minimum system operation time	As required by AHJ
NameModelAlarm Check ValveWACOH RosetteOH-R3T	Minimum design area	As required by AHJ
Alarm Check Valve WAC OH Rosette OH-R3T	Other products to be installed in the system	
OH Rosette OH-R3T	Name	Model
	Alarm Check Valve	WAC
OH Pipe Spanner OH-S42	OH Rosette	OH-R3T
	OH Pipe Spanner	OH-S42

Dimension



Spray pattern



Date of revision: 28-04-2023



Installations

The OH-CO nozzles are installed recessed in a ceiling, using the OH-S42 nozzle spanner, as not to damage either nozzle or the surrounding ceiling.

The FIRE KILLTM OH-CO 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-R3T 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.

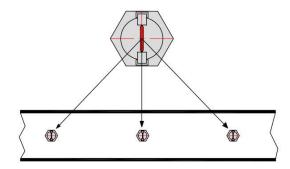
Caution

The FIRE KILL™ OH-CO 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-CO nozzle.

Dropped or otherwise damaged nozzles should not be reinstalled.

Nozzle Position

The Model FIRE KILLTM OH-CO nozzles shall be installed with the glass bulb positioned perpendicular to the length of the corridor. This is essential for the performance of the nozzle and care should therefore be taken that this is followed and checked after installation. See drawing:



Contact

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

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Date of first issue: 17-11-2017 Date of revision: 28-04-2023