

Datasheet

Automatic Low Pressure Water Mist system

Model: **FIREKILL OH-VSO**



Description

The VID Fire-Kill Low Pressure Watermist System **FIREKILL OH-VSO** is an automatic, concealed low pressure water mist system ideal for residential areas, offices, data processing areas, meeting rooms, hotels, museums, restaurant seating areas, institutions, schools and such applications. The different finishes and optional painted finishes makes the system blend in with almost every type of surface.

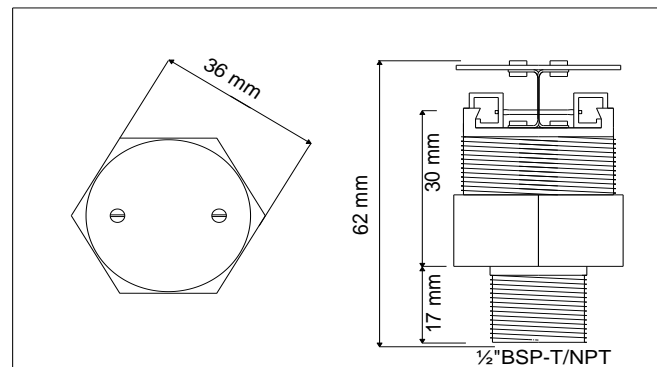
Installations and approvals

The **FIREKILL OH-VSO** system has been successfully tested and approved to the FM5560 standard for FM HC1 occupancies. This means that the system can be used in most Light Hazards defined in NFPA13 and 750, and Ordinary Hazard 1 and 2 defined in EN 12845.

The **FIREKILL OH-VSO** system utilizes OH-VSO nozzles which are to be installed using the OH-S36 nozzle spanner, as not to damage either nozzle or the surrounding ceiling. Nozzles should be installed into a clean pipe made of non-corrosive material. After being installed, the OH-R-T rosette is screwed on to the OH-VSO nozzle to conceal the installation hole in the ceiling occurred around the nozzle.

Contact

For further information on **FIREKILL OH-VSO** system or similar products, please contact our sales department at Sales@vidaps.dk



| General Description | |
|--|---|
| Minimum water pressure | 8 bar |
| Maximum working pressure | 16 bar |
| K-factor (metric) | 16.7 (l/t/ $\sqrt{\text{bar}}$) |
| FM approved nominal release temperature | 57°C |
| Other nominal release temperatures | 68°C, 79°C, 93°C |
| Time Response Index (metric) | RTI < 50 Fast Response Class |
| Drop size | DV ₉₀ < 300 μm |
| Application | |
| Spacing (max) | 20.25 m ² (4.5m x 4.5m) |
| Distance to wall (max) | 2.25 m |
| Height (max) | 5 m |
| Room size (max) | Unlimited m ² |
| Specific Description | |
| Dimension | See fig. above |
| 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 |
| Hydraulic System | |
| Water density | 2.3 mm/m ² |
| Minimum system operation time | 30min (60min if laboratory approvals are required) |
| Minimum design area | 72m ² (139m ² if laboratory approvals are required) |
| Other Products FM approved in the system | |
| Name | Model |
| Alarm Check Valve | WAC |
| OH Rosette | OH-R-T |
| OH Pipe Spanner | OH-S36 |

