Description

The Hydramist® Ordinary Hazard 1 (OH1) Sprinkler equivalent nozzle is designed to create high pressure water mist with enough flow and velocity to effectively fight fires in Ordinary Hazard 1 risk applications.

The main nozzle body incorporates scientifically configured micro-outlets incorporated into the nozzle body which are able to produce a calculated flow rate and spray pattern sufficient to suppress and control fires.

Hydramist® nozzles are designed to meet the specific fire protection needs of the application and the industry.

Based on information supplied by the client, an approved designer, working from the Hydramist® design manual, determines the detailed specification of the number and type of nozzles to meet the specific fire risk.

Due to the low profile dimensions of the Hydramist® range there is minimal aesthetic impact.

The Hydramist® OH1 nozzle has been tested to CEN/TS14972 (2011) Annex A3 Ordinary Hazard Group 1 by the Fire Protection Association (FPA) and are 3rd Party Witnessed by Lloyd’s register.

Applications

- Offices
- Data Centres
- Hotels
- Schools
- Care Homes
- Hospitals
- Cement Works
- Sheet Metal Factories
- Dairies
- Libraries
- Restaurants
Hydramist®
Ordinary Hazard Group 1 Nozzle

Technical Description and Services

Each Hydramist® Ordinary Hazard Group 1 nozzle will consist of the following components:

1 x Stainless steel Pendant Mounted nozzle body
1 x Set of micro-outlets
1 x Frangible bulb
1 x 80 micron filter

GLASS BULB TEMPERATURE RATINGS

<table>
<thead>
<tr>
<th>BULB ACTIVATION TEMPERATURE</th>
<th>BULB COLOUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>135°F 57°C</td>
<td>Orange</td>
</tr>
<tr>
<td>155°F 68°C</td>
<td>Red</td>
</tr>
<tr>
<td>175°F 79°C</td>
<td>Yellow</td>
</tr>
<tr>
<td>200°F 93°C</td>
<td>Green</td>
</tr>
<tr>
<td>220°F 104°C</td>
<td>Turquoise</td>
</tr>
<tr>
<td>286°F 141°C</td>
<td>Blue</td>
</tr>
<tr>
<td>360°F 182°C</td>
<td>Purple</td>
</tr>
</tbody>
</table>

* Standard Fitment on OH1 Nozzle