Description

The Hydramist® nozzle range is designed to produce very fine water droplets creating high pressure water mist with enough flow and velocity to effectively fight and extinguish fires in a wide range of applications.

The main nozzle body incorporates from 2 to 7 micro-nozzles scientifically configured to produce a calculated flow rate and spray pattern. Hydramist® nozzles are designed and tested 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.

Applications

- Prisons
- Hotels
- Guest houses
- Accommodation blocks
- Offices
- Public spaces
- Archive stores
- Libraries
- Educational establishments
- Warehouses
- General storage facilities
- Power generation
- Diesel generators
- Turbines
- Battery rooms
- Engine test cells
- Laboratories
- Data centres
- Communications and server rooms
- Plant and electrical switch rooms
- Industrial and restaurant fryers
- Ovens
- Food processing factories
Technical Description and Services

Each Hydramist® nozzle will consist of the following components:
1 x Stainless steel nozzle body
1 x Set of micro-nozzles (configured to meet the requirements of the application)**
1 x Set of protective caps (where required)
1 x Frangible bulb (closed nozzles only)
1 x 80 micron filter

** Contact Watermist Ltd. For details of applications and designs

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GLASS BULB TEMPERATURE RATINGS

Hydramist® glass bulb nozzles use industry standard fast response frangible glass bulbs

<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 83°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 rating for Glass Bulb Nozzle