Description

The Hydramist® Anti-Ligature nozzle range is designed to produce very fine water droplets creating high pressure water mist with enough flow and velocity to effectively fight fires in the Custodial and Special risk applications.

The main nozzle body incorporates design features to prevent a ligature from becoming anchored on the nozzle.

Scientifically configured micro-nozzles incorporated into the nozzle body are able to produce a calculated flow rate and spray pattern sufficient to suppress 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.

Applications

- Prisons
- Police Custody Suites
- Care homes
- Adult and older Persons Mental Health Units
- Psychiatric Intensive Care Units
- Child & Adolescent Mental Health Units
- Low Secure Units
- Assessment and Treatment Units
- Buildings adjacent to High Risk wards
- Respite/rehabilitation areas and therapy areas for out-patients
Hydramist®
Anti- Ligature Nozzle Range

Technical Description and Services

Each Hydramist® Anti-Ligature nozzle will consist of the following components:
1 x Stainless steel Sidewall Mounted nozzle body designed to prevent ligature anchoring
1 x Set of micro-nozzles
1 x Frangible bulb
1 x 80 micron filter

Dimensions:
Width 30mm  Length 42mm

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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

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