Description

The Hydramist® sauna fire protection nozzle is designed to create high pressure water mist with sufficient flow and velocity to suppress and control accidental fires in saunas.

The main nozzle body incorporates a thermally activated bulb which is rated at 141°C. Scientifically configured micro-outlets produce a flow rate and spray pattern determined as being able to suppress and control fires by a number of real fire tests carried out at BRE and UK Fire’s internationally recognised fire test laboratories.

Hydramist® nozzles are designed to meet the specific fire protection needs of the sauna application and the industry. Based on information supplied by the client, an approved designer working from the Hydramist® design manual determines the detailed specification for the type and number 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® sauna fire protection nozzle has been successfully real fire tested by BRE (Building Research Establishment) and UK fire. These tests were 3rd party witnessed by members of the insurance industry and Trenton Fire Limited.

Applications

Wooden saunas fitted in:-

- Domestic residences
- Fitness centres
- Health spa’s
- Hotels
- Leisure facilities / clubs
- Swimming centres
Hydramist®
Sauna Nozzle

Technical Description and Services

Each Hydramist® sauna fire protection nozzle will consist of the following components:

1 x Stainless steel pendant mounted nozzle body
1 x Set of micro-outlets
1 x 141°C frangible bulb
1 x 80 micron filter

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>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>
</tbody>
</table>

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