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 Custodial 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.

The low profile dimensions of the open anti ligature nozzle enables Hydramist® to have an aesthetically pleasing custodial cell fitting which is both modern and smart.

Applications

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

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Hydramist®
Anti-Ligature Nozzle – Open type

Technical Description and Services

Each Hydramist® Anti-Ligature nozzle will consist of the following components:
1 x Stainless steel nozzle body and angled shroud designed to prevent ligature anchoring
1 x Set of internal tamper proof micro-nozzles
1 x 80 micron filter

The open nozzle is suitable for use in custodial areas up to 48m³, tested at BRE (report 247405)
and approved by Home Office and MoJ to Specification 045/M/003. The nozzle can be
side-wall or pendant mounted.

Bulkhead fittings of various lengths are available.

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<tr>
<th>DIMENSION A</th>
<th>DIMENSION B</th>
<th>DIMENSION C</th>
<th>DIMENSION D</th>
<th>THREAD E</th>
<th>WORKING PRESSURE</th>
<th>MATERIAL</th>
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<tbody>
<tr>
<td>28.5mm</td>
<td>45.5mm</td>
<td>26mm</td>
<td>72mm</td>
<td>M18x1.5</td>
<td>100 bar</td>
<td>Stainless steel</td>
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