Model: SD-WC15 & SD-WC20 In Brass construction
Model: SD-WC15S & SD-WC20S In S.S. construction

TECHNICAL DATA:

RATED WORKING PRESSURE : 12.3 Kg/Sq.Cm. (175 psi)

MINIMUM EFFECTIVE WORKING PRESSURE : 1.4 Kg/Sq.Cm. (20 psi)

END CONNECTION MATERIAL
SD-WC 15 & SD-WC 15S
SD-WC 20 & SD-WC 20S
with \( \frac{1}{4} \) BSPT (NPT optional)

K-FACTOR
Model: SD-WC 15 / SD-WC 15S
K23, K30, K37, K45, K53 & K72
Model: SD-WC 20 / SD-WC 20S
K98, K120, K140

APPROXIMATE WEIGHT
Model SD-WC 15 - 0.180 Kg.
Model SD-WC 20 - 0.250 Kg.

FINISH
Nickel chrome or Brass finish
for SD-WC 15 & SD-WC 20
Natural finish for SD-WC15S & SD-WC 20S

ORDERING INFORMATION
Please specify Model, K factor and Finish

DIMENSION in millimetre (Approximate)

<table>
<thead>
<tr>
<th>MODEL</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>SD-WC 15 &amp; SD-WC 15S</td>
<td>1/2 BSPT</td>
<td>42</td>
</tr>
<tr>
<td>SD-WC 20 &amp; SD-WC 20S</td>
<td>3/4 BSPT</td>
<td>46</td>
</tr>
</tbody>
</table>

Water Curtain Nozzle distributes water in a flat curtain extending all the way to the ground. Water Curtain Nozzle when mounted in pendent position acts as a window spray nozzle to protect interior walls, windows and other opening of the building which are affected by fire. The nozzles when mounted in horizontal position will flow towards ground, a flat water curtain is produced to segregate the area which is under fire. Water Curtain Nozzles are available in Brass and Stainless Steel construction with different flow rate.
SPRAY PATTERN

HORIZONTAL MOUNTING

PENDANT MOUNTING

**DIMENSION** in meters (Approximate)

<table>
<thead>
<tr>
<th></th>
<th>K23</th>
<th>K30</th>
<th>K37</th>
<th>K45</th>
<th>K53</th>
<th>K72</th>
<th>K98</th>
<th>K120</th>
<th>K140</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>10.0</td>
<td>10.0</td>
<td>11.0</td>
<td>11.0</td>
<td>12.2</td>
<td>13.8</td>
<td>14.0</td>
<td>14.4</td>
<td>14.6</td>
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<tr>
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<td>11.0</td>
<td>12.0</td>
<td>12.0</td>
<td>13.3</td>
<td>14.2</td>
<td>14.4</td>
<td>15.0</td>
<td>15.1</td>
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<tr>
<td>C</td>
<td>01.8</td>
<td>01.8</td>
<td>02.2</td>
<td>02.2</td>
<td>03.3</td>
<td>04.4</td>
<td>04.2</td>
<td>04.4</td>
<td>04.5</td>
</tr>
<tr>
<td>D</td>
<td>02.2</td>
<td>02.2</td>
<td>02.4</td>
<td>02.4</td>
<td>03.6</td>
<td>04.8</td>
<td>05.2</td>
<td>05.4</td>
<td>05.5</td>
</tr>
</tbody>
</table>

The distance between two nozzles should be 2.5 meters (maximum) for better performance. The distribution profile indicates approximate (maximum) trajectory and no specific density is implied through the above patterns.

**DIMENSION** in meters (Approximate)

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<tr>
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<th>K72</th>
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</thead>
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<td>5.8</td>
<td>5.8</td>
<td>6.0</td>
<td>6.2</td>
<td>6.5</td>
</tr>
</tbody>
</table>

The equipment presented in this bulletin is to be installed in accordance with the latest publication standards of NFP A, TAC or other similar organisations and also with the provision of government codes or ordinances wherever applicable.

The information provided by us are to the best of our knowledge and belief, and are general guidelines only Site handling and installation control is beyond our reach. Hence we give no guarantee for result and take no liability for damages, loss or penalties whatsoever, resulting from our suggestion, information, recommendation or damages due to our product.

Product development is a continuous programme and hence the right to modify any specification without prior notice is reserved with the company.