WC series

WATER CURTAIN Nozzles

MODEL WC-15 & WC-20
in Brass IS319 / ASTM B16
WC-15S & WC-20S
in 316 stainless steel construction

Spray Angle 150 degrees Horizontal FAN

MAXIMUM WORKING PRESSURE 12.3 Kg./Sq.cm. (175 PSI)

EFFECTIVE WORKING PRESSURE 1.4 to 3.5 Kg./Sq.cm.
(20 TO 50 PSI)

END CONNECTION WC-15 & WC-15S
with ½” Male BSPT or NPT
WC-20 & WC-20S
with ¾” Male BSPT or NPT

K-FACTOR Model: WC-15 / WC-15S
K23, K30, K37, K45, K53
K73, K84, K87, K90

Model: WC-20 / WC-20S
K98, K120, K140

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

FINISH Brass or with Nichel Chrome finish
Natural finish for WC-15S & WC-20S as base 316 stainless steel

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>WC-15 &amp; WC-15S ½” BSPT or (M)NPT</td>
<td>42</td>
<td></td>
</tr>
<tr>
<td>WC-20 &amp; WC-20S ¾” BSPT or (M) NPT</td>
<td>46</td>
<td></td>
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</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 with 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 TRAJECTORY @ 3.5 bar

HORIZONTAL MOUNT

DIMENSION in meters (Approximate)

<table>
<thead>
<tr>
<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>
</tr>
</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>
</tr>
<tr>
<td>B</td>
<td>11.0</td>
<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>
</tr>
<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>
</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>
</tr>
</tbody>
</table>

PENDENT MOUNT

DIMENSION in millimetre (Approximate)

<table>
<thead>
<tr>
<th></th>
<th>A/2</th>
<th>B/2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.4 Kg./Sq.cm.</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>3.5 Kg./Sq.cm.</td>
<td>3</td>
<td>4</td>
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</table>

www.wilsonspraynozzle.sg