**Low Flow**

**DESIGN FEATURES**
- Standard 3-piece construction
- Optional 50- or 100-mesh strainer (refer to page 119 for additional information)
- Male and female connections
- Interchangeable spray tips

**SPRAY CHARACTERISTICS**
- Spray patterns: Full Cone (F).
- For Hollow Cone (H), see page 44.
- Spray angles: 80° and 120°
- Flow rates: 0.424 to 8.39 l/min

---

**CW Flow Rates and Dimensions**

*Full Cone, 80° and 120° Spray Angles, 1/8” to 3/8” Pipe Sizes, BSP or NPT*

<table>
<thead>
<tr>
<th>Male or Female Pipe Size</th>
<th>Nozzle Number</th>
<th>K Factor</th>
<th>0.5 bar</th>
<th>0.7 bar</th>
<th>1 bar</th>
<th>2 bar</th>
<th>3 bar</th>
<th>5 bar</th>
<th>10 bar</th>
<th>15 bar</th>
<th>Appro. Orifice Dia. (mm)</th>
<th>Male or Female Pipe Size</th>
<th>Dimensions (mm)</th>
<th>Wt. (g) Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8 or 1/4 or 3/8</td>
<td>CW25-F</td>
<td>0.587</td>
<td>0.424</td>
<td>0.497</td>
<td>0.587</td>
<td>0.814</td>
<td>0.984</td>
<td>1.25</td>
<td>1.73</td>
<td>2.10</td>
<td>1.14</td>
<td>1.37</td>
<td>1/8-1/4</td>
<td>52.3 17.5 20.6 17.3</td>
</tr>
<tr>
<td>1/8</td>
<td>CW50-F</td>
<td>1.17</td>
<td>0.848</td>
<td>0.993</td>
<td>1.17</td>
<td>1.63</td>
<td>1.97</td>
<td>2.50</td>
<td>3.47</td>
<td>4.19</td>
<td>1.60</td>
<td>1.89</td>
<td>3/8</td>
<td>52.3 17.5 20.6 20.6</td>
</tr>
<tr>
<td>or 3/8</td>
<td>CW75-F</td>
<td>1.76</td>
<td>1.27</td>
<td>1.49</td>
<td>1.76</td>
<td>2.44</td>
<td>2.95</td>
<td>3.75</td>
<td>5.20</td>
<td>6.29</td>
<td>2.18</td>
<td>2.46</td>
<td></td>
<td></td>
</tr>
<tr>
<td>or 3/8</td>
<td>CW100-F</td>
<td>2.35</td>
<td>1.70</td>
<td>1.99</td>
<td>2.35</td>
<td>3.25</td>
<td>3.94</td>
<td>5.01</td>
<td>6.93</td>
<td>8.39</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Flow Rate (l/min) = K (bar)^0.47*

**Standard Materials:** Brass, 303 Stainless Steel, and 316 Stainless Steel.

Spray angle performance varies with pressure. Contact BETE for specific data on critical applications.