PROCESS COOLING WATER STICK
SUPPLY SIDE

STANDARD FEATURES:
- Superior pressure regulator performance.
- No corrosion, no maintenance.
- True union connection on ball valve; threaded, socket, or custom connections on pressure regulator.
- Molded, machined and assembled in USA.
- Lower cost and smaller footprint than individually assembled sticks.
- Easily adapts to any piping configuration.
- Elimination of threaded joints results in superior mechanical strength.

CUSTOM STICKS:
Can be designed and built to any configuration/orientation. Valves, gauges, regulator and other components can be customized for any application.

DESIGN:
Incorporates Plast-O-Matic premium pressure regulator, pressure and temperature gauge, and quarter-turn True Blue trunnion ball valve in a compact, rugged design. Pressure regulator offers set pressure range from 5 to 125 psi. Gauge can be specified on either side of the regulator so that gauge faces “out” for easy reading. Stick is reinforced to minimize possibility of damage. A variety of end connectors and custom valve combinations can be specified. Wetted metals on gauge only. Ball valve can be actuated at any time if the need arises. All units built in USA and individually tested.
**PRODUCT DATA**

**PCWS DIMENSIONS & MODEL NUMBERS**

<table>
<thead>
<tr>
<th>Pipe Size</th>
<th>Part No.</th>
<th>Prefix</th>
<th>A (IN)</th>
<th>A (MM)</th>
<th>B (IN)</th>
<th>B (MM)</th>
<th>C (IN)</th>
<th>C (MM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot;</td>
<td>PCWS050</td>
<td>PC</td>
<td>7.3</td>
<td>185.6</td>
<td>8.6</td>
<td>218.9</td>
<td>6.5</td>
<td>165.0</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>PCWS075</td>
<td>PC</td>
<td>11.2</td>
<td>283.9</td>
<td>11.5</td>
<td>292.8</td>
<td>8.5</td>
<td>216.6</td>
</tr>
<tr>
<td>1&quot;</td>
<td>PCWS100</td>
<td>PC</td>
<td>12.2</td>
<td>308.6</td>
<td>11.5</td>
<td>292.8</td>
<td>8.5</td>
<td>216.6</td>
</tr>
</tbody>
</table>

2½" steel gauge is standard. Optional 2½" stainless or 3" tridicator available.

**OPTIONS**

- Gauge Guard Option: Isolation Diaphragm; refer to Catalog GGME
- LMBV Option: Lateral Reducing Valve; refer to Catalog LMBV
- Gauge Guard Option: Isolation Diaphragm; refer to Catalog GGME
- 2½" Pressure Gauge Standard
- Reinforced Welded Joint for Extra Strength
- Male Threads
- Female Threads (Metal)
- Female Threads (Polymer)
- Nipple
- Spigot

**ORDERING INFORMATION**

Order by part number and specify exact chemicals, temperatures and pressures. To arrive at the proper part number, please consult diagram below.

The letters and numbers used in this part number are for example only.

<table>
<thead>
<tr>
<th>PCWS</th>
<th>075</th>
<th>050</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>EP</td>
<td>EPDM</td>
<td>T</td>
</tr>
<tr>
<td>050</td>
<td>1/2&quot;</td>
<td>075</td>
<td>100</td>
</tr>
<tr>
<td>075</td>
<td>3/4&quot;</td>
<td>100</td>
<td>1&quot;</td>
</tr>
</tbody>
</table>

SPECIAL DESIGNATION

When "X" appears in this spot, it designates BSP threads.

**FOR CUSTOM VALVE AND END CONNECTOR COMBINATIONS, CONSULT FACTORY.**