Think all totalizing meters are the same? Think again. Carlon STD® positive displacement water meters are best in class when it comes to accuracy, durability and ease of maintenance all at a surprisingly low cost. Featuring all bronze castings in sizes from ½” to 2”, Carlon STD® meters can handle flow rates from ¼ GPM to 160 GPM and pressure up to 150 psi. The STD® meter meets or exceeds all AWWA specifications, ensuring a wide acceptance in a variety of industrial and commercial environments.
## METER SELECTION CHART

<table>
<thead>
<tr>
<th>METER SIZE</th>
<th>PIPE SIZE</th>
<th>MODEL</th>
<th>*CONTINUOUS FLOW</th>
<th>FLOW RANGE</th>
<th>WEIGHT</th>
<th>LENGTH</th>
<th>HEIGHT</th>
<th>WIDTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>⅜” X ⅛”</td>
<td>STD038</td>
<td>10 GPM</td>
<td>1/4 - 20 GPM</td>
<td>7.2 lbs.</td>
<td>7½”</td>
<td>5½”</td>
<td>4½”</td>
<td></td>
</tr>
<tr>
<td>1” X 1¼”</td>
<td>STD1001</td>
<td>15 GPM</td>
<td>⅛” - 20 GPM</td>
<td>9.3 lbs.</td>
<td>9”</td>
<td>5¾”</td>
<td>4½”</td>
<td></td>
</tr>
<tr>
<td>1½” X 1½”</td>
<td>STD150</td>
<td>50 GPM</td>
<td>1/2 - 100 GPM</td>
<td>25.0 lbs.</td>
<td>12½”</td>
<td>6”</td>
<td>7”</td>
<td></td>
</tr>
<tr>
<td>2” X 2”</td>
<td>STD200</td>
<td>80 GPM</td>
<td>2 – 160 GPM</td>
<td>38.0 lbs.</td>
<td>15¼”</td>
<td>7¼”</td>
<td>8¾”</td>
<td></td>
</tr>
</tbody>
</table>

*Continuous Flow: The size of meter selected should be based upon continuous flow, GPM, as opposed to pipe size. For example, if it is determined that continuous flow is 25 GPM, a 1” meter should be selected rather than a ¾” meter.

**ORDERING INFORMATION:** Select the meter model number from the Meter Selection Chart above. Add a G for Gallon reading or a C for Cubic Feet reading (call factory for other register reading abbreviations).

Example: 1” Meter, Gallon Register = STD100G.

## SPECIFICATIONS

- **Pressure Rating:** 30 - 150 psi.
- **Temperature Range:** 35° - 105°F. Protect the meter from freezing.
- **PH Level Range:** 6.5 – 8.0
- **Accuracy:** +/- 1.5% of maximum flow when operating between minimum and maximum flow range.
- **Register Options:** U.S. Gallons, Cubic Feet, and Metric.

## Installation Instructions:

1. Flush the line thoroughly after all plumbing changes to prevent contaminates from entering the meter.
2. Install horizontally with the register facing up and inlet port facing the water supply line.
3. For outdoor installation, protect meter from direct exposure to the elements.
4. Protect meter from backflow of water opposite of indicated flow direction.

## Helpful Hints:

1. Install a Carlon Slow-Closing Valve downstream of your water meter. This will eliminate possible meter damage from water hammer in your system.
2. Install a Carlon Strainer upstream of your water meter to protect the meter and any other in-line process equipment from becoming jammed by particulate matter in your system.

**Warranty:** Carlon Meter, Inc. warrants its products to be free of defect in material or workmanship for a period of twelve months from the date of purchase. Contact us to obtain a copy of our complete statement of warranty.