

# STD® METERS



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 1/2" to 2", Carlon STD meters can handle flow rates from 1/4 GPM to 160 GPM at 150 psi while delivering an amazing +/- 1.5% degree of accuracy. In fact, our STD meters meet or exceed all AWWA specifications, ensuring a wide acceptance in a variety of industrial and municipal environments.



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## METER SELECTION CHART

METER /PIPE SIZE	MODEL	*CONTINUOUS FLOW	FLOW RANGE	WEIGHT	LENGTH	HEIGHT	WIDTH	CONNECTION LENGTH [X2]
5/8 X 1/2	STD062	10 GPM	1/4 – 20 GPM	7.2 lbs.	7 1/2	5 1/4	4 3/8	2 3/8
5/8 X 3/4	STD0621	10 GPM	1/4 - 20 GPM	7.5 lbs.	7 1/2	5 1/4	4 3/8	2 1/2
3/4 X 3/4	STD075	15 GPM	1/2 - 30 GPM	9.3 lbs.	9	5 3/4	4 1/2	2 1/2
3/4 X 1	STD0751	15 GPM	1/2 - 30 GPM	9.6 lbs.	9	5 1/4	4 1/2	2 5/8
1	STD100	25 GPM	3/4 - 50 GPM	17.8 lbs.	10 3/4	6 1/4	6 5/16	2 5/8
1 X 1 1/4	STD1001	25 GPM	3/4 - 50 GPM	18.0 lbs.	10 3/4	6 1/4	6 5/16	2 7/32
1 1/2	STD150	50 GPM	2 - 100 GPM	25.0 lbs.	12 5/8	6 11/16	7 9/16	2 27/32
2	STD200	80 GPM	4 – 160 GPM	38.0 lbs.	15 1/4	7 1/4	8 3/4	3 1/32

\*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 3/4” meter.

**ORDERING INFORMATION:** Specify Model number shown followed by choice of registration, G for gallons, C for cubic feet, or M for cubic meters. Example: 1” meter, gallon register = STD100G.

**Meter Connection:** Carlon supplies necessary connections with all STD meter orders.

**Pressure rating:** 30 - 150 psi.

**PH Level Range:** 6.5 – 8.0

**Temperature Range:** 35 – 105 degrees F. Protect the meter from freezing.

**Accuracy:** +/- 1.5% of maximum flow when operating between minimum and maximum flow range.

**Register Options:** U.S. Gallons, Cubic Feet, Metric.

**Installation Instructions:**

1. Flush the line thoroughly after all plumbing changes to prevent contaminants from entering the meter.
2. Install horizontally with the register facing up and inlet port facing the water supply line.
3. This meter is not designed for outdoor installation.

**Warranty:** Carlon 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.

**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.

**Additional Information:** If you require additional information, visit us online at [www.carlonmeter.com](http://www.carlonmeter.com)