

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 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.



1710 EATON DRIVE • GRAND HAVEN, MICHIGAN 49417
PHONE (616) 842-0420 • FAX (616) 842-1265

L CARLON@CARLONMETER.COM • WEBSITE WWW.CARLONMETER.COM



sales@novatech-usa.com

www.novatech-usa.com

Tel: (866) 433-6682

Fax: (866) 433-6684

Tel: (281) 359-8538

Fax: (281) 359-0084

METER SELECTION CHART

METER / PIPE SIZE	MODEL (NovaTech)	*CONTINUOUS FLOW	FLOW RANGE	WEIGHT	LENGTH	HEIGHT	WIDTH
5/8" X 3/4"	STD0621 (STD-621)	10 GPM	1/4 - 20 GPM	7.5 lbs.	7 1/2"	5 1/4"	4 3/8"
3/4" X 3/4"	STD075 (STD-075)	15 GPM	1/2 - 30 GPM	9.3 lbs.	9"	5 3/4"	4 1/2"
1"	STD100 (STD-100)	25 GPM	3/4" - 50 GPM	17.8 lbs.	10 3/4"	6 1/4"	6 5/16"
1 1/2"	STD150 (STD-150)	50 GPM	2 - 100 GPM	25.0 lbs.	12 5/8"	6 11/16"	7 9/16"
2"	STD200 (STD-200)	80 GPM	2 - 160 GPM	38.0 lbs.	15 1/4"	7 1/4"	8 3/4"

***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 3/4" meter.

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 contaminants 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.