

SSMR[®] SERIES METERS

NSF / ANSI 61 Annex G & 372



When you need a No-Lead Water Meter with a Digital Remote, the SSMR[®] series is just the one. The result is an accurate, compact, and reliable remote system. The remote display matches the amount shown on the meter register. This multi-jet meter has long life and good tolerance to contaminants.

The SSMR[®] meter is available in sizes from $\frac{5}{8}$ " x $\frac{1}{2}$ " to 2" with maximum flow rates up to 160 GPM and pressures up to 150 psi. Registrations are available in gallons, liters or cubic feet.

The SSMR[®] meter is tested and certified to NSF/ANSI 61 Annex G & 372 for lead free compliance and meets or exceeds AWWA C708 specifications.

CARLON

 **METER**

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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"	625SSMR	8 GPM	1/4 - 20 GPM	3.3 lbs.	7 1/2"	4 1/4"	3 5/8"	2"
5/8" X 3/4"	6251SSMR	10 GPM	1/4 - 20 GPM	3.3 lbs.	7 1/2"	4 1/4"	3 5/8"	2"
3/4" X 3/4"	750SSMR	15 GPM	1/2 - 30 GPM	3.4 lbs.	7 1/2"	4 5/8"	3 7/8"	2"
1"	1000SSMR	25 GPM	3/4 - 50 GPM	5.7 lbs.	10 1/4"	4 5/8"	3 7/8"	2 1/4"
1 1/2"	150SSMR	50 GPM	2 - 100 GPM	10.6 lbs.	11 7/8"	5 1/2"	4 7/8"	2 1/2"
2"	200SSMR	80 GPM	2 - 160 GPM	13 lbs.	11 7/8"	5 1/2"	4 7/8"	2 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.

ORDERING INFORMATION: Select the meter model number from the Meter Selection Chart above. Add a **"-G"** for Gallon read, **"-C"** for Cubic Feet read or **"-L"** for Liter read.
Example: 1 1/2" Meter with Cubic Feet register = 150SSMR-C.

SSMR® METER SPECIFICATIONS

Pressure Rating:	Maximum 150 psi.
Temperature Range:	35° - 122°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 Liters.
Remote Counter Housing:	NEMA-4 (UV protected stabilized ABS plastic)
Remote Counter Dimensions:	Height 4 3/4", Width 3", Depth 1"
Remote Counter Display:	UV Protected Liquid Crystal, 8 digits, .315" high
Remote Input:	Reed Switch or Capacity Discharge Generated Pulses.



**A31UR UNIVERSAL
REMOTE COUNTER**

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. All valves used in a water line need to be operated slowly, and all electrically actuated valves should be slow closing. This will help eliminate possible meter damage from water hammer in your system. Carlon offers an excellent slow ball closing valve (SCBV).
2. Install a strainer upstream of your water meter to protect the meter and any other in-line process equipment from becoming jammed by particulate matter.

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.