

METER CAPACITIES

Model	Size	Normal Flow	Maximum Flow*
625SSM / SSMR	5/8" X 1/2"	8 GPM	1/4 - 20 GPM
6251SSM / SSMR	5/8" X 3/4"	10 GPM	1/4 - 20 GPM
750SSM / SSMR	3/4" X 3/4"	15 GPM	1/2 - 30 GPM
1000SSM / SSMR	1"	25 GPM	3/4 - 50 GPM
150SSM / SSMR	1 1/2"	50 GPM	2 -100 GPM
200SSM / SSMR	2"	80 GPM	2 - 160 GPM

Note: All meter ends have straight threads, not tapered.

METER MAINTENANCE

The only suggested maintenance is to annually remove the meter from the water line and gently back flush the meter to remove particles that may have been trapped by the strainer. Back flushing is running the water into the meter from the outlet side instead of the normal flow direction. If some unusual evidence of meter performance is observed during maintenance, please contact the factory.



A broken tamperproof wire & seal indicates the meter has been disassembled.



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CARLON METER, INC. • PRODUCT WARRANTY

Carlton Meter, Inc. (hereinafter Carlton or "the company") warrants products of its manufacture to be free of defects in material or workmanship. Liability under this warranty extends for twelve (12) months from the date of purchase. Liability is limited to repair or replacement of any failed product or assembly proven to be defective in material or workmanship upon manufacturer's examination. Removal and installation costs are not included under this warranty. Manufacturer's liability shall never exceed selling price of the meter or assembly in question. Carlton disclaims all liability for damage its products caused as the result of improper installation, maintenance, use or attempts to operate products beyond their intended functionality, intentionally or otherwise. Carlton is not responsible for damages, injuries or expenses incurred through the use of its products. The above warranty is in lieu of all other warranties, either expressed or implied. No agent of the company is authorized to alter or otherwise revise this warranty.

*For complete specifications, visit www.carlonymeter.com

Installation and Operating Instructions

Model SSM® & SSMR® Stainless Steel Series Water Meter

1/2" thru 2" sizes



NSF / ANSI 372 Listed



Leaders in water measurement and control

1710 Eaton Drive
Grand Haven, MI 49417

Ph: (616) 842-0420
Fax: (616) 842-1265

E-mail: carlon@carlonymeter.com

Website: www.carlonymeter.com

SSM® & SSMR® Multi-Jet Meter Installation Instructions

1. Flush the line thoroughly after plumbing changes to eliminate the possibility of foreign contaminants reaching the meter.
2. Install meter horizontally with the register facing up and the inlet port facing the supply water line.
3. Operating pressure maximum of 150 psi.
4. It is recommended that if there is any possibility that the water supply contains foreign contaminants, a **Carlton** strainer be installed between the water supply and the meter.
5. It is not recommended that the meter be run for long periods of time at the maximum flow rating as excess wear will result and the life of the meter will be reduced.
6. To reduce potential harmful effects to equipment from water hammer caused by quick closing valves, it is suggested that you purchase and install a **Carlton** slow-closing solenoid valve.
7. Protect the meter from freezing and from heat in excess of 122° F.
8. Protect meter from any backflow of water opposite indicated direction of flow.
9. For outdoor installation, protect meter (and remote counter) from direct exposure to the elements.
 - The straight, unobstructed pipe section in front of the meter should be as follows:
 - One Bend = 10 x Diameter of pipe
 - Valves (check, gate, etc.) = 12 X Diameter of pipe
 - Two Bends or One Tee and one bend(s) at random = 25 X Diameter of pipe
 - Straight, unobstructed pipe section downstream of meter = 5 X Diameter of Pipe

SSMR® (Remote Reader) Meters:



In addition to the multi-jet meters, a reed switch is supplied which is set to activate every time a gallon of water passes through the meter. 25 feet of wire is provided to allow mounting the non-resettable remote reader in an easily read, convenient location. Additional wire is available. The remote reader furnished with the meter is battery operated, self powered with an 8 digit LCD display. It receives the signal from the reed switch on the meter and is connected by using the two-wire, no polarity cable provided.

Display:	Liquid Crystal, 8 Digit, .315" high
Housing:	NEMA-1
Dimensions:	Depth 3½", Width 2½", Height 1¾"
Operating Temperature:	35° to 122° F

SSMR® Remote Reader Installation:

1. Locate the remote in a convenient location. If outdoors; note temperature range. Protect remote from direct exposure to the elements.
2. Wire remote reader to electric contact meter.
3. It is recommended that the remote reader be kept away from solenoids, contactors, fans and any other inductive devices.
4. If the SSMR® remote style meter is installed outdoors; the meter and counter must be protected from direct exposure to the elements.
5. The remote reader advances 1 digit for each contact received from the meter*.

**Exception: The remote reader for the 1½" and 2" meters registering in Liters will advance 1 digit for every 10 Liters of water that passes through the meter.*