


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.



CARLON
METER

06/18

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 our website www.carlonmeter.com

Installation and Operating Instructions

Model JLP® Plastic No-Lead Series Water Meter

NSF / ANSI 372 Listed



CARLON
METER

Leaders in water measurement and control

1710 Eaton Drive
Grand Haven, MI 49417

Ph: (616) 842-0420
Fax: (616) 842-1265
E-mail: carlon@carlonmeter.com
Website: www.carlonmeter.com

JLP® 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 100 psi.
4. It is recommended that if there is any possibility that the water supply contains foreign contaminants, a strainer should 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 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.
 - Straight, unobstructed pipe section in front of the meter should be as follows:
 - Inlet Path - 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

JLP® Series

Model	Size	Length	Height	Weight
JLP0750	5/8" X 3/4"	7 1/2"	4 1/4"	1.4 lbs.
JLP1000	3/4" X 1"	10 3/4"	5"	1.8 lbs.

Meter Capacities

Model	Size	Maximum Capacity	Normal Flow	Flow Range
JLP0750-G	5/8" X 3/4"	22 GPM	12 GPM	1/4 - 22 GPM
JLP1000-G	3/4" X 1"	50 GPM	25 GPM	3/4 - 50 GPM

JLP0750-L	5/8" X 3/4"	83.28 LPM	45.42 LPM	.95 - 83.28 LPM
JLP1000-L	3/4" X 1"	189.27 LPM	94.64 LPM	2.84 - 189.27 LPM

JLP® Contact Settings Available:

Reed Switch / SINGLE:	JLP0750	1 PPG / 1 PPL
	JLP1000	

Reed Switch / DUAL:	JLP0750	2 PPG / 2 PPL
	JLP1000	

Reed Switch / QUAD:	JLP0750	4 PPG / 4 PPL
	JLP1000	

Note: Plastic meter couplings are provided.

Meter Housing: Engineered reinforced plastic (nylon).

Operating Pressure Range: Maximum 100 psi

Temperature Range: 35°F - 122°F

Register Options: U.S. Gallons, Cubic Feet, and Liters.