

METER CAPACITIES

Model	Size	Normal Flow	Maximum Flow	Meter Length	Weight
062JLPR	5/8" X 1/2"	7 GPM	1/4 - 13 GPM	6 1/2"	1.2 lbs.
750JLPR	5/8" X 3/4"	12 GPM	1/4 - 22 GPM	7 1/2"	1.4 lbs.
1000JLPR	3/4" X 1"	25 GPM	3/4 - 50 GPM	10 3/4"	1.8 lbs.
150JLPR	1 1/2"	50 GPM	2 - 100 GPM	9 5/8"	4 lbs.

Note: The Universal Remote counter is non-resettable

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.



08/17

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 JLPR® Plastic No-Lead Series Water Meter



NSF / ANSI 372 LISTED



Leaders in water measurement and control

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JLPR® 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 **Carlton** slow closing ball 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 from direct exposure to the elements.

JLPR® (Remote Counter) Meters:



In addition to the multi-jet meter, a reed switch is supplied which is set to activate every time a gallon of water passes through the meter. 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: UV Protected Liquid Crystal, 8 Digit
Housing: NEMA-4
Dimensions: Height 4¾", Width 3", Depth 1"
Operating Temperature: 35° to 122° F
Max. Operating Pressure: 100 psi
Register Options: U.S. Gallons, Cubic Feet and Liters

A31UR® Universal Remote Installation:

1. **You need to provide:**
(2) #10 pan head screws of the correct length for the surface the remote is to be mounted on. **Wire** for connecting the meter to the remote. **Note: 18 or 20 gauge twisted pair wire is recommended**
2. Use the locating notches on the back plate to locate the proper position to drill the mounting holes.
3. Mount the screw into the top hole and leave just enough room for the keyhole notch to allow the remote to slide down and secure the the box at the top.
4. Remove bottom cover and set aside until finished.
5. Connect the wire from the meter's switch to the remote.
6. **Use the terminals COM (Common) & RS (Reed Switch).** There is no polarity to the wiring for a reed switch. Attach the wires coming from the meter to remote by putting one wire on the **COM (Common)** terminal and the other wire on the **RS (Reed Switch)** terminal.
7. Secure the remote to the wall installing the second screw through the second hole from the bottom and replace the bottom cover.