

# JLP® PLASTIC METERS



Carlson has upgraded and expanded its JLP Plastic Meter product line to 3 sizes, higher flow rates and pressure rating. When long life, low maintenance and high accuracy are needed in a plastic totalizing water meter, Carlson's JLP plastic meters are what you need. The JLP line has a well deserved reputation for excellence in the world of commercial and industrial water meters. Now, the JLP meter is available in three thread sizes, 1/2", 3/4", and 1" and operates at flow rates from 1/4 GPM – 50 GPM and pressure up to 100 psi. When metering more aggressive water, such as reverse osmosis or de-ionized water, you will want to choose Carlson's JLP. Carlson's JLP meters are designed in accordance with AWWA specifications, and come with dry, sealed registers and flow indicators. Optional pulse outputs for signaling controllers or remote readers are also available (consult factory).



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## JLP METER SELECTION CHART

METER/PIPE SIZE	MODE	CONTINUOUS FLOW	FLOW RANGE	METER WEIGHT	LENGTH	HEIGHT	WIDTH	CONNECTION LENGTH[X2]
5/8" X 1/2"	062JLP	7 GPM	1/4 - 13 GPM	1.2 lbs.	6 1/2"	4 1/4"	3 3/4"	2 3/8"
5/8" X 3/4"	750JLP	12 GPM	1/4 - 22 GPM	1.4 lbs.	7 1/2"	4 1/4"	3 3/4"	2 1/2"
3/4" X 1"	1000JLP	25 GPM	3/4 - 50 GPM	1.8 lbs.	10 3/4"	5"	4"	2 3/4"

## JLP METER SPECIFICATIONS

**Meter Housing:** Engineered reinforced plastic (nylon).

**Meter Connections:** Carlon supplies plastic threaded connections with all JLP meter orders.

**Pressure Ratings:** 15 – 100 psi

**Temperature Range:** 35 – 105 °F. Protect meter from freezing.

**Accuracy:** +/- 2% when operating between minimum and maximum flow range.

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

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### 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. If outdoor installation is required, provide proper protection from direct exposure to the elements.
4. Meter should be continuously full of water during operation.
5. Protect meter from any 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.

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**Warranty:** Carlon warrants its products to be free of defect in material and workmanship for a period of twelve months from the date of purchase. Contact us to obtain a copy of our complete statement of warranty.

**Additional Information:** If you require additional information, visit us online at [www.carlonmeter.com](http://www.carlonmeter.com).