

# JLP® PLASTIC METERS

## NSF / ANSI 372



The JLP® series is tested and certified to NSF/ANSI 372 for lead free compliance. This no lead meter is designed for aggressive water such as reverse osmosis and de-ionized. When long life, low maintenance and high accuracy are needed in a plastic totalizing or pulse out water meter, Carlon's JLP® plastic meters are what you want. The JLP series comes in four sizes, ½", ¾", 1" and 1½" and operates at flow rates from ¼ GPM to 50 GPM and pressure up to 100 psi.

Carlon 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). See the charts on the back for available contacts.



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## METER SELECTION CHART

METER/PIPE SIZE	MODEL	*CONTINUOUS FLOW	FLOW RANGE	METER WEIGHT	LENGTH	HEIGHT	WIDTH	CONNECTION LENGTH[X2]
5/8" x 1/2"	062JLP/JLPRS	7 GPM	1/4 - 13 GPM	1.2 lb.	6 1/2"	4 1/4"	3 3/4"	1 3/4"
5/8" x 3/4"	750JLP/JLPRS	12 GPM	1/4 - 22 GPM	1.4 lbs.	7 1/2"	4 1/4"	3 3/4"	2"
3/4" x 1"	1000JLP/JLPRS	25 GPM	3/4 - 50 GPM	1.8 lbs.	10 3/4"	5"	4"	2 1/4"
1 1/2"	150JLP/JLPRS	50 GPM	2 - 100 GPM	4 lbs.	9 5/8"	5 5/8"	4 3/4"	2 1/2"

**\*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 3/4" x 1" meter should be selected rather than a 3/4" x 3/4" meter.

**ORDERING INFORMATION:** Select the meter model number from the Meter Selection Chart above. For RS version follow with choice of contact pulse setting desired.

Example: 5/8" meter, 3/4" pipe size, 1 gallons per contact = JLPRS-1 GPC.

### X = AVAILABLE CONTACT SETTINGS

(All contact settings are pre-set at the factory to your specification – call for available Metric contact settings.)

GPC = Gallons Per Contact • LPC = Liters Per Contact • CFPC = Cubic Feet Per Contact

METER SIZE	.1 GPC	.1 CFPC	1 GPC / LPC / CFPC	10 GPC / LPC / CFPC	100 GPC / LPC	100 CFPC	1000 LPC
5/8" x 1/2"	X	X	X	X	X	N/A	X
5/8" x 3/4"	X	X	X	X	X	N/A	X
3/4" x 1"	X	X	X	X	X	N/A	X
1 1/2"	N/A	X	X	X	X	X	X

### JLP® METER SPECIFICATIONS

<b>Meter Housing:</b>	Engineered reinforced plastic (nylon).
<b>Connections:</b>	Plastic threaded connections are provided with all JLP® Meter orders.
<b>Reed Switch:</b>	Dry Contact type, Normally Open (N/O), 24v / 10mA (for maximum life)
<b>Pressure Rating:</b>	Maximum 100 psi.
<b>Temperature Range:</b>	35° - 122°F. Protect the meter from freezing.
<b>PH Level Range:</b>	6.5 – 8.0
<b>Accuracy:</b>	+/- 1.5% of maximum flow when operating between minimum and maximum flow range.
<b>Register Options:</b>	U.S. Gallons, Cubic Feet and Liters

#### 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 closing valve (SCV).
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.