

# JLP PLASTIC® METERS



When long meter life, low maintenance and highest accuracy are needed in a totalizing water meter, Carlon's JLP positive displacement meters are what you need. The JLP line has a well deserved reputation for excellence in the world of municipal and industrial water meters. The JLP meter is available in 5/8" capacity and operates at flow rates from 1/4 GPM – 15 GPM and pressure up to 70 psi. When managing more aggressive water, such as reverse osmosis or de-ionized water, you will want to choose Carlon's JLP. All of Carlon's JLP meters meet or exceed AWWA specifications. This model is also available with a dry contact, electric reed switch, pulse output register for use in systems requiring water flow signal information, model JLPRS.



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## JLP METER SELECTION CHART

METER/PIPE SIZE	MODE	CONTINUOUS FLOW	FLOW RANGE	WEIGHT	LENGTH	HEIGHT	WIDTH	CONNECTION LENGTH[X2]
5/8 X 1/2"	062JLP	10 GPM	1/4 - 15 GPM	1.8 lbs.	7 1/2"	5 7/8"	4 3/4"	2 3/8"
5/8 X 3/4"	062JLP-1	10 GPM	1/4 - 15 GPM	1.8 lbs.	7 1/2"	5 7/8"	4 3/4"	2 1/2"

### SPECIFICATIONS

**Meter Housing:** Engineered reinforced plastic.

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

**Pressure Ratings:** 30 – 70 psi

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

**Accuracy:** +/- 1.5% when operating between minimum and maximum flow range.

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

## JLPRS METER SELECTION CHART

METER/PIPE SIZE	MODE	CONTINUOUS FLOW	FLOW RANGE	WEIGHT	LENGTH	HEIGHT	WIDTH	CONNECTION LENGTH[X2]
5/8 X 1/2"	062JLPRS	10 GPM	1/4 - 15 GPM	1.8 lbs.	7 1/2"	5 7/8"	4 3/4"	2 3/8"
5/8 X 3/4"	062JLP-1RS	10 GPM	1/4 - 15 GPM	1.8 lbs.	7 1/2"	5 7/8"	4 3/4"	2 1/2"

JLPRS Series water meter is a cold water electric contact water meter with the reed switch design.

### JLPRS METER AVAILABLE CONTACT SETTINGS

METER SIZE	.1 GPC	.25 GPC	.5 GPC	1 GPC	2.5 GPC	2.5 LPC	5 GPC	5 LPC	10 GPC	10 LPC	25 GPC/LPC	50 GPC/LPC	100 GPC/LPC
5/8 X 1/2	X	X	X	X	X	X	X	X	X	X	X	X	X
5/8 X 3/4	X	X	X	X	X	X	X	X	X	X	X	X	X

METER SIZE	.025 CFPC	.05 CFPC	.1 CFPC	.25 CFPC	.5 CFPC	1 CFPC	2.5 CFPC	5 CFPC	10 CFPC
5/8 X 1/2	X	X	X	X	X	X	X	X	X
5/8 X 3/4	X	X	X	X	X	X	X	X	X

### 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 installing a JLPRS, connect the terminals on the contact head to the meter input on the controlling device. The reed switch is rated for a maximum switching voltage of 48 V AC/DC, maximum current .2 amps, 3 watts.
4. This meter is not designed for outdoor installation.

**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.

### 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.

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