

JLPR® PLASTIC METER

NSF / ANSI 372



The JLPR® is tested and certified to NSF/ANSI 372 for lead free compliance. This no lead meter combined with a digital remote makes an excellent choice for commercial and residential applications. This meter is also designed for RO (reverse osmosis) and DI (de-ionized) water.

When long life, low maintenance and high accuracy are needed in a plastic totalizing or a meter with remote read-out is required, Carlon's JLP® plastic meters are what you want.

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 totalizing only are also available (consult factory or website under JLP®).



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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"	062JLPR	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"	750JLPR	12 GPM	1/4 - 22 GPM	1.4 lbs.	7 1/2"	4 1/4"	3 3/4"	2"
3/4" x 1"	1000JLPR	25 GPM	3/4 - 50 GPM	1.8 lbs.	10 3/4"	5"	4"	2 1/4"
1 1/2"	150JLPR	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 1" meter should be selected rather than a 3/4" meter.

ORDERING INFORMATION: Select the meter model number from the Meter Selection Chart above. Add a **G** for Gallon reading, a **C** for Cubic Feet reading or an **L** for Liters reading.

Example: 1" Meter, with Cubic Feet register = 1000JLPR-C.

JLPR® METER SPECIFICATIONS

Meter Housing:	Engineered reinforced plastic (nylon).
Connections:	Plastic threaded connections are provided with all JLP® Meter orders.
Pressure Rating:	Maximum 100 psi.
Temperature Range:	35° - 122°F. Protect the meter from freezing.
PH Level Range:	6.5 - 8.0
Accuracy:	+/- 1.5% of maximum flow when operating between minimum and maximum flow range.
Register Options:	U.S. Gallons, Cubic Feet and Liters.
Remote Counter Housing:	NEMA-4 (UV protected stabilized ABS plastic)
Remote Counter Dimensions:	Height 4 3/4", Width 3", Depth 1"
Remote Counter Display:	UV Protected Liquid Crystal, 8 digit, .315" high
Remote Input:	Reed Switch or Capacity Discharge Generated Pulses



**A31UR UNIVERSAL
REMOTE COUNTER**

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 and remote counter 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.