

JL[®] SERIES METERS



When long meter life, low maintenance and highest accuracy are needed in a totalizing water meter, Carlon's JL[®] line of positive displacement meters are what you need. The JL[®] line has a well-deserved reputation for excellence in the world of commercial, municipal, and residential water meters. The JL[®] meter is available in sizes from ½" to 2" and operates at flow rates up to 160 GPM and pressures up to 150 psi. These ratings are well beyond what you will encounter for your commercial, municipal, and residential metering needs. All of Carlon's JL[®] meters meet or exceed AWWA specifications.



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METER SELECTION CHART

METER/PIPE SIZE	MODEL	*CONTINUOUS FLOW	FLOW RANGE	WEIGHT	LENGTH	HEIGHT	WIDTH
5/8" X 1/2"	625JL	10 GPM	1/4 - 20 GPM	4.4 lbs.	7 1/2"	5 1/2"	4 3/4"
5/8" X 3/4"	6251JL	10 GPM	1/4 - 20 GPM	4.4 lbs.	7 1/2"	5 1/2"	4 3/4"
3/4" X 3/4"	750JL	15 GPM	1/2 - 30 GPM	4.7 lbs.	9"	5 7/8"	4 3/4"
1"	1000JL	25 GPM	3/4 - 50 GPM	8.4 lbs.	10 3/4"	5 7/8"	5 9/16"
1 1/2"	150JL	50 GPM	2 - 100 GPM	28 lbs.	12 5/8"	6 11/16"	7 9/16"
2"	200JL	80 GPM	2 - 160 GPM	41 lbs.	15 1/4"	7 1/4"	8 3/4"

***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 or a **C** for Cubic Feet reading (call factory for other register reading abbreviations).

Example: 1 1/2" Meter with Cubic Feet Register = 150JL-C.

REMOTE READER: If a Universal Remote Reader is required with the meter, add an **R** to the model number after the JL designation, and follow the instructions above to complete the part number.

Example: 1 1/2" Meter with Remote Reader registering in Cubic Feet = 150JLR-C.



A31UR UNIVERSAL
REMOTE COUNTER

SPECIFICATIONS

Main Case:	5/8" – 1" 304 Stainless Steel / 1 1/2" – 2" Leaded Bronze
Pressure Rating:	30 - 150 psi.
Temperature Range:	35° - 105°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 and Cubic Feet

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 ball valve (SCBV).
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.