

JLR.® SERIES METERS



How can you read more meters faster while eliminating water consumption discrepancies? Easy, install one of Carlon's proven JL® residential/commercial series meters; add our remarkable self-powered generator (that's right – no batteries to replace or power lines to connect) and combine it with a rugged, compact and accurate Universal Remote counter. The result is one of the most accurate, compact and reliable remote systems on the market. For greater convenience and efficiency, the Universal Remote may be installed up to 500' from the meter.

Carlon's Universal Remote is easy to install and easy to read. As an added benefit, each unit is sealed to keep out dirt, insects and moisture.

Carlon's JL® Series System 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"	625JLR	10 GPM	1/4 - 20 GPM	4.4 lbs.	7 1/2"	5 1/2"	4 3/4"
5/8" X 3/4"	6251JLR	10 GPM	1/4 - 20 GPM	4.4 lbs.	7 1/2"	5 1/2"	4 3/4"
3/4" X 3/4"	750JLR	15 GPM	3/4 - 30 GPM	4.7 lbs.	9"	5 7/8"	4 3/4"
1"	1000JLR	25 GPM	3/4 - 50 GPM	8.4 lbs.	10 3/4"	5 7/8"	5 9/16"
1 1/2"	150JLR	50 GPM	2 - 100 GPM	28 lbs.	12 5/8"	6 1/16"	7 9/16"
2"	200JLR	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 Remote Reader, with Cubic Feet Register = 150JLR-C.

METER SPECIFICATIONS

Main Case:	5/8" – 1" 304 Stainless Steel / 1 1/2" – 2" 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

UNIVERSAL REMOTE SPECIFICATIONS

Display:	UV Protected Liquid Crystal, 8 Digit
Housing:	NEMA-4
Dimensions:	Height = 4 3/4" • Width = 3" • Depth = 1"
Operating Temperature:	40° to 180° F



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.
5. For JLR series meters, refer to Installation & Operating manual for Universal Remote installation with wiring instructions.

Helpful Hints:

1. All values 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.