

MJLR® SERIES METERS



Do you have meters in locations that are hard to read such as behind equipment, walls, or above false ceilings? Do you want to read more meters faster while eliminating water consumption discrepancies? Easy. Install one of Carlon's MJLR residential/commercial series meters, which comes with a 25 foot cable and a digital remote counter. The result is an accurate, compact, and reliable outside visual readout system. For greater distances, we have designed a remote "powered" counter which may be installed up to 1000 feet from the meter. Although non-resettable counters are standard, we also can offer a resettable counter, if that is required for the application. These 8 digit counters match the volume amount shown on the meter registers.

Carlton's MJLR System is easy to install, easy to read and is also tamper proof. As an added benefit, each unit is sealed to keep out dirt, insects, and moisture.



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METER SELECTION CHART

| METER X PIPE SIZE | MODEL | *CONTINUOUS FLOW | FLOW RANGE | WEIGHT | LENGTH | HEIGHT | WIDTH | CONNECTION LENGTH [X2] |
|-------------------|----------|------------------|--------------|-----------|--------|--------|-------|------------------------|
| 5/8 X 1/2" thd | 625MJLR | 8 GPM | 1/4 - 20 GPM | 3.3 lbs. | 7 1/2 | 4 1/8 | 3 7/8 | 2 3/8 |
| 5/8 X 3/4" thd | 6251MJLR | 10 GPM | 1/4 - 20 GPM | 3.3 lbs. | 7 1/2 | 4 1/8 | 3 7/8 | 2 1/2 |
| 3/4 X 3/4" thd | 750MJLR | 15 GPM | 1/2 - 30 GPM | 3.7 lbs. | 7 1/2 | 4 1/2 | 4 | 2 1/2 |
| 1" thd | 1000MJLR | 25 GPM | 3/4 - 50 GPM | 5.7 lbs. | 10 3/4 | 4 1/2 | 4 | 2 5/8 |
| 1 1/2" thd | 150MJLSR | 50 GPM | 2 - 100 GPM | 10.6 lbs. | 12 5/8 | 6 | 5 | 2 7/8 |
| 2" thd | 200MJLSR | 80 GPM | 2 - 160 GPM | 13 lbs. | 15 1/4 | 7 | 6 1/2 | 3 |

*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 foot register = 150MJLRSC.

MJLR METER SPECIFICATIONS

Meter Connection: Carlon supplies necessary connections with all MJLR meter orders.

Pressure rating: Do not exceed 150 psi.

PH Level Range: 6.5 - 8.0

Temperature Range: Protect the meter from freezing and within the temperatures of 35 to 104 °F.

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

Register Options: U.S. Gallons, cubic feet, metric.

Remote Counter Housing: NEMA-1

Remote Counter Dimensions: Depth 3 1/2", Width 2 1/2", Height 1 3/4"

Remote Counter Display: Liquid Crystal, 8 digit, .315" high

Remote Counter Units: Digital Remote Counter will coincide with the total volume shown on meter register, except for the 1 1/2" & 2" Metric size remote counters read 10 times the meter's total volume accumulated.



**MJLR DIGITAL
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/or remote counter from direct exposure to the elements.
4. Protect meter from any backflow of water opposite the indicated flow direction.

Warranty: Carlon 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.

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