

# JSJ® METERS



Carlon JSJ® electric contacting positive displacement meters have long been recognized as the industry leader for those who require a meter that combines incredible reliability, durability and accuracy. The electric contact voltage and amperage rating is the industry's highest. Our magnetic drive, oscillating piston, dry contact design sets Carlon JSJ® meters apart from the competition. Used in conjunction with Carlon timers and controls, our JSJ® bronze meters allow you to customize a system allowing strict control over your critical cooling tower, boiler, water softener regeneration, or any chemical treatment application you require. Carlon JSJ® 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 3/4"	JSJ0621 (EC-621)	10 GPM	1/4 - 20 GPM	7.5 lbs.	7 1/2"	5 1/8"	4 3/8"
3/4" X 3/4"	JSJ075 (EC-075)	15 GPM	1/2 - 30 GPM	9.3 lbs.	9"	5 5/8"	4 1/2"
1"	JSJ100 (EC-100)	25 GPM	3/4 - 50 GPM	17.8 lbs.	10 3/4"	6 7/16"	6 5/16"
1 1/2"	JSJ150 (EC-150)	50 GPM	2 - 100 GPM	25.0 lbs	12 5/8"	7 3/8"	7 9/16"
2"	JSJ200 (EC-200)	80 GPM	2 - 160 GPM	38.0 lbs.	15 1/4"	8"	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.

### X = AVAILABLE CONTACT SETTINGS

(All contact settings are pre-set at the factory)

GPC = Gallons Per Contact      CFPC = Cubic Feet Per Contact

METER SIZE	10 GPC	50 GPC/CFPC	100 GPC/CFPC
5/8" X 3/4"	X		
3/4" X 3/4"		X	
1"			X
1 1/2"			X
2"			X

## SPECIFICATIONS

**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, Cubic Feet, and Metric.  
**Micro Switch:** The switch is a normally open type micro-switch and is rated for a maximum of 10 amps at 250V AC (1/4 hp)

### 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. 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.

**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.