

JSJ[®] METER/TIMER

ST (Single Timer) • DT (Dual Timer)



Carlson's JSJ[®] Programmable Meter/Timer System offers the most complete, economical and convenient system available for controlling chemical metering pumps, valves or other equipment. Installation is easy! Install the JSJ[®] meter, plug in the 120 volt power cord, and plug the unit to be controlled into the receptacle on the timer. The JSJ[®] meter is pre-wired to the Carlson Electronic Timer Control. This control is also available with two timers, if desired, for controlling two units at the same time. Programmable options include sequential, minutes/seconds, and historical tracking of meter pulses to the controller.



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METER SELECTION CHART

METER/PIPE SIZE	MODEL/MPN (Nova-Tech)	*CONTINUOUS FLOW	FLOW RANGE	WEIGHT	LENGTH	HEIGHT	WIDTH
5/8" X 3/4"	JSJ0621ST/DT (EC-621-T/2T)	10 GPM	1/4 - 20 GPM	7.5 lbs.	7 1/2"	5 1/8"	4 3/8"
3/4" X 3/4"	JSJ075ST/DT (EC-075-T/2T)	15 GPM	1/2 - 30 GPM	9.3 lbs.	9"	5 5/8"	4 1/2"
1"	JSJ100ST/DT (EC-100-T/2T)	25 GPM	3/4 - 50 GPM	17.8 lbs.	10 3/4"	6 7/16"	6 5/16"
1 1/2"	JSJ150ST/DT (EC-150-T/2T)	50 GPM	2 - 100 GPM	25.0 lbs	12 5/8"	7 3/8"	7 9/16"
2"	JSJ200ST/DT (EC-200-T/2T)	80 GPM	2 - 160 GPM	38.0 lbs.	15 1/4"	8"	8 3/4"

ST/T = Single Timer DT/2T = Dual Timers

***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

METER 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.

TIMER SPECIFICATIONS

Repetition Accuracy: 10 MS
Temperature Range: 32° - 185°F.
Input Power: 120V, 60 Cycle
Output Signal: 120V, 60 Cycle, 15 Amp
Timing Range: 1 - 9,999 seconds (2 3/4 hrs)
Enclosure Rating: NEMA-12

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.