

# CAR-LOGGER®

## REAL TIME FLOW INFORMATION



The versatile CAR-LOGGER® is designed to:

- Display “Real-Time” flow information from any Carlon JSJ® or Cold Water Turbine series meter, when equipped with our optical coupler, and other contacting meters dependent on the dry contact setting.
- Convert the signal into two visual display values:
  - 1) Real-Time Flow rate
  - 2) Totalized volume of water
- Provides two independent pulse output signals for programmable controllers and remote counters, if required for the application - No splitter is required.
- The CAR-LOGGER® has a non-volatile memory – No battery is required.
- The programming menu is simple to use with a multiple choice approach. Units of measure (gallons, cubic feet or liters) can be selected and displayed during operation, if desired.
- The 4-20mA signal can be sent to different places (i.e. 4-20mA proportional pumps, manufacturing monitoring systems, building management systems.)



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## DISPLAY FEATURES – TWO LINE DISPLAY & LED INDICATORS

**LCD DISPLAYS:** Programming Menu, Flow Rate, Totalized Volume & Analog Current Output, Pulse Outputs and Manufacturing History Data.

**LED DISPLAYS:** Pulse In, Alarm, Pulse Out 1 & Pulse Out 2

**ELECTRICAL OUTPUTS:** Out 1 & Out 2 are dry contact pulse outputs programmable between 1 and 999 per contact. One analog, 4-20 mA output which is proportional to the flow rate of the unit.

## SPECIFICATIONS & ORDERING INFORMATION

<b>MODEL</b>		
<b>CL100</b>	Car-Logger	<b>INPUT SIGNAL:</b> Optical Coupler from Meter or Dry Contact
<b>CL100-E</b>	Car-Logger with Ethernet	<b>OUTPUT SIGNAL:</b> Analog 4-20 mA output – Isolated powered output Out 1 & Out 2, dry contact pulse output switches, 120 VAC, Resistive 3 amps maximum
		<b>POWER REQUIREMENTS:</b> 120 VAC ⚠ (GFI Recommended)
		<b>ENCLOSURE:</b> Polycarbonate NEMA 4
		<b>DIMENSIONS:</b> 6.5" X 7" X 4"
		<b>WEIGHT:</b> 2 lbs.

## METER MODEL SELECTION CHARTS

METER/PIPE SIZE	JSJ SERIES MODEL	MAX FLOW (GPM)
5/8" X 1/2"	JSJ062	20
5/8" X 3/4"	JSJ0621	20
3/4" X 3/4"	JSJ075	30
1" X 1"	JSJ100	50
1 1/2"	JSJ150	100
2"	JSJ200	160

VISIT [WWW.CARLONMETER.COM](http://WWW.CARLONMETER.COM) FOR CONTACT SETTINGS OF JSJ® SERIES METERS

METER/PIPE SIZE	COLD WATER TURBINE SERIES MODEL	MAX FLOW (GPM)
2"	C200	400
3"	C300	550
4"	C400	1250
6"	C600	2500
8"	C800	4500

METER/PIPE SIZE	ELECTRIC CONTACTING SERIES MODEL	MAX FLOW (GPM)
5/8" X 1/2"	062 JLPRS / 625 SSMRS	20
5/8" X 3/4"	750 JLPRS / 6251 SSMRS	20
3/4" X 3/4"	750 MRS / 750 SSMRS	30
1"	1000 JLPRS / 1000 MRS / 1000 SSMRS	50
1 1/2"	150 JLPRS / 150 MRS / 150 SSMRS	100
2"	200 MRS / 200 SSMRS	160

**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.