

CAR-LOGGER®

REAL TIME FLOW INFORMATION



The versatile CAR-LOGGER is designed to:

- Display “real time” flow information from any Carlon JSJ Series meter or from the Cold or Hot Water turbine meters, equipped with an optical coupler located inside the meter register.
- Convert the signal into two visual display values:
 - 1- The “real time” flow rate and the total volume of water passing through the meter.
 - 2- A 4-20mA analog output. This output signal is directly proportional to the flow rate, for data logging and dosing pump controllers.
- Provides two independent pulse output signals for programmable controllers and remote counters, if required for the application. No splitter unit is required.
- The CAR-LOGGER has a non volatile memory – no battery is required.
- The unit can be password protected, if programmed.
- The programming menu is simple to use with a multiple choice approach. Units of measure (gallons, cubic feet, liters & cubic meters) can be selected and displayed during operation, if desired.

NEW OPTIONAL FEATURE: Real Time Flow Information can now be transmitted to a building management system (BMS) over Ethernet or RS485 connection utilizing Modbus communication protocol. *** Contact factory for addition information.*



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, OVERSPEED, MODBUS RELAY, PULSE OUT 1, PULSE OUT 2 & OPTIONAL MODBUS RX & TX

ELECTRICAL OUTPUTS: P1 & P2 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

INPUT SIGNAL: Optical Coupler from Meter

OUTPUT SIGNAL: Analog 4-20 mA output - non-isolated powered output
P1 & P2, dry contact pulse output switches, 30 volts maximum @ 50 milliamps

POWER REQUIREMENTS: USE **ONLY** CARLON supplied power transformer connected to 120VAC

ENCLOSURE: NEMA 4

DIMENSIONS: 7 1/8 X 5 1/8 X 3

WEIGHT: 2.5 lbs.

PART NO.

FL100-B JSJ Meters

FL 100-D C Series – Cold Water Turbines
H Series – Hot Water Turbines

METER MODEL SELECTION CHARTS

METER/PIPE SIZE	JSJ SERIES MODEL	FLOW RANGE (GPM)	CONT. FLOW
5/8 X 1/2	JSJ062	1/4 – 20	10 GPM
5/8 X 3/4	JSJ0621	1/4 – 20	10 GPM
3/4 X 3/4	JSJ075	1/2 – 30	15 GPM
3/4 X 1	JSJ0751	1/2 - 30	15 GPM

METER/PIPE SIZE	JSJ SERIES MODEL	FLOW RANGE (GPM)	CONT. FLOW
1	JSJ100	3/4 - 50	25 GPM
1 X 1-1/4	JSJ1001	3/4 - 50	25 GPM
1-1/2	JSJ150	2-100	50 GPM
2	JSJ200	2 - 160	80 GPM

*VISIT WWW.CARLONMETER.COM OR CALL FACTORY FOR AVAILABLE CONTACT SETTINGS FOR JSJ SERIES METERS

METER/PIPE SIZE	C SERIES TOTALIZING	C SERIES ELECTRIC CONTACT	AVAILABLE CONTACT SETTINGS	FLOW RANGE (GPM)	CONTINUOUS FLOW
2"	C200T	C200EC	10/100 GPC	2-396	132 GPM
3"	C300T	C300EC	100/1000 GPC	2-880	528 GPM
4"	C400T	C400EC	100/1000 GPC	3-1321	1013 GPM
6"	C600T	C600EC	100/1000 GPC	8-1541	1101 GPM
8"	C800T	C800EC	1000/10,000 GPC	18-2862	2550 GPM

METER/PIPE SIZE	H SERIES TOTALIZING	H SERIES ELECTRIC CONTACT	AVAILABLE CONTACT SETTINGS	FLOW RANGE (GPM)	CONTINUOUS FLOW
3/4"	H075T	H075EC	1/10/100 GPC	1-20	11 GPM
1"	H100T	H100EC	1/10/100 GPC	2-50	27 GPM
1-1/2"	H150T	H150EC	10/100 GPC	3-85	44 GPM
2"	H200T	H200EC	10/100 GPC	8-305	153 GPM
3"	H300T	H300EC	100/1000 GPC	20-660	330 GPM
4"	H400T	H400EC	100/1000 GPC	30-1100	550 GPM
6"	H600T	H600EC	100/1000 GPC	45-1870	935 GPM
8"	H800T	H800EC	100/1000 GPC	60-2860	1430 GPM

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