

# Remote Counter



The Carlon Remote Counter provides a remote reading of the number of pulse contacts through our Electric Contacting Water Meter. They are available in resettable or non-resettable versions. The complete system consists of an Electric Contacting Type Water Meter remotely connected by means of a low voltage two-wire system to the Remote Reader. The Water Meter visually indicates the number of gallons registered through the meter, and also generates a switch closure sending a pulse to the Remote Counter each time the preset Gallon Per Contact (GPC) has been obtained. A variety of settings are available on the Electrical Contacting Water Meters, after selecting the correct size meter for the desired flow capacity.



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## Remote Counter Model Numbers

**Model A31R9S** Battery Operated, self powered (install within 50 feet of meter)

**Model A31R924** 24 volt DC (install within 1000 feet of meter)

\*For a non-resettable option, please place the letter "N" at the end of the part number specific to model desired. ie. A31R9SN

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### SPECIFICATIONS

**Display:** Liquid Crystal, 8 Digit, .315" high

**Housing:** NEMA-1

**Power Input (Count Input):**

**A31R9S:** Self-powered lithium battery

**A31R924:** 24VAC/DC

**Reset:** Front Panel Push-Button and/or Remote Reset

**Operating Temperature:** 14° to 122° F

**Dimensions:** Depth 3 ½", Width 2 ½", Height 1 ¾"

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### INSTALLATION INSTRUCTIONS:

1. Locate the counter in a convenient location.
2. Wire counter to the electric contact meter.
3. It is recommended that the counter be kept away from solenoids, contactors, fans, and other inductive devices.
4. The counter advances 1 digit for each contact received from the meter. To read the counter, multiply the reading by the gallon per contact setting on the meter. (Example: A meter set to 50 GPC (gallons per contact) will send a contact to the remote every 50 gallons so the reading on the remote must be multiplied by 50.
5. If the contact meter being used to control this counter is also sending a signal to another device, contact Carlon for wiring instructions. An electric contacting meter can generate only one dry contact unless a PP100 power pack (signal splitter) is used.

**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.

**Additional Information:** Visit us online at [www.carlonmeter.com](http://www.carlonmeter.com)