

BATCH CONTROL



The Carlon PBC6001 Programmable Batch Control provides a means for automatically measuring the amount of water desired for a batch, and an actuating signal for the batch processing equipment. The Carlon Batch Control eliminates the need for manual measurement and assures proper mixing each time in the desired blended amount. The Batch Control operates in conjunction with the Carlon JSJ Electric Contact Meter, to measure the amount of water to be added to the batch. It features a batch start button which opens a valve or turns on a pump to start the batch process.

The PBC6001 also has a built-in totalizer that keeps track of the total incoming pulse signals from the water meter. This can provide valuable history on water volume usage if required.



1710 EATON DRIVE • GRAND HAVEN, MICHIGAN 49417

PHONE (616) 842-0420 FAX (616) 842-1265

E-MAIL CARLON@CARLONMETER.COM • WWW.CARLONMETER.COM

PBC SERIES – BATCH CONTROLLER

MODEL	DESCRIPTION	LENGTH	WIDTH	DEPTH	WEIGHT
PBC6001	BATCH CONTROLLER	5.1"	5.1"	3"	1.85 LBS

SPECIFICATIONS

Input Contacts:	Up to 9,999
Display:	LCD
Input Power:	120V, 60 Cycle
Output Signal:	120V, 60 Cycle, 3 Amp Maximum
Counting Speed:	10 Contacts/Second – 10Hz
Memory:	40 Years, EEPROM

Mounting and Installation Instructions

1. Install the control in the desired location, noting accessibility to power outlets. Mount and keep unit in an area free from dust, moisture, and extreme temperatures. (Do not plug in at this time.) Remove dust cover with thumb screws, using same holes to mount unit to wall with 4 screws (not provided).
2. Connect the gray meter input signal pigtail wires of the Batch Controller to the terminal screws on the water meter register. No polarity need be observed.
3. Connect the female output pigtail to the solenoid valve that controls water flow.
4. Plug the male power cord into the 120 volt, 60 cycle outlet.
5. Determine the gallons to be batched. Divide the gallons to be batched by the GPC (Gallons per Contact Setting) on the water meter. Example: 100 gallon batch ÷ 10 GPC meter = 10. Refer to Programming Manual to program Batch Control.
6. To start a batch, push the "Start Button". This will open the water valve and start the flow and counting process. When the batch controller receives the number of counts that were pre-set in the register, it will close the valve, completing the batch. If your next batch is a different quantity, repeat steps 5 and 6.
7. Depending on frequency of batch processing, dust cover may be permanently left off of controller to activate batch start button.

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.

If you require additional information on Carlon Meter's products and services, visit us online at www.carlonmeter.com