

PBC[®]

Batch Control



Carlon's PBC[®] Programmable Batch Controller provides a means for automatically measuring the amount of water desired for a batch. The PBC[®] eliminates the need for manual measurement and assures the proper water volume each time. The PBC[®] has a start button mounted on the outside box; this way once the batch size is entered the box can be closed and there is no need to reopen the box unless the batch size is being changed.

Three items are needed for a batch control system:

- Programmable Batch Controller (PBC[®])
- Slow Closing Valve (SCV)
- Meter with a dry contact signal, i.e. JSJ[®], SSMRS[®], JLPRS[®], MRS[®] or Electric Contacting Cold Water Turbine.

When a batch is started, the first line on the display will show the batch size (number of signals programmed) and line 2 will show count down.

When you match a Carlon PBC[®] Batch Controller with a Carlon Electric Contacting meter and slow closing valve, you will have a rock-solid system that will provide years of trouble-free service.



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PBC® SERIES – BATCH CONTROLLER

MODEL	DESCRIPTION	LENGTH	WIDTH	DEPTH	WEIGHT
PBC	BATCH CONTROLLER	6.7"	3.1"	2.6"	1.0 LBS

SPECIFICATIONS

Input Contacts:	Up to 999 contacts from meter for programming batch size
Display:	LCD (Liquid Crystal Display)
Input Power:	120V, 60 Cycle ⚠ (GFI Recommended)
Output Signal:	120V, 60 Cycle, Resistive 3 Amp Maximum (to actuate the slow closing valve)
Enclosure:	Polycarbonate NEMA 4
Memory:	Non-Volatile

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 water meter's contact wires to the Batch Controller's pigtail with splice connectors. No polarity need be observed.
3. Attach a 120V male end wire to the slow closing ball valve. Plug this into the female plug on the Batch Controller.
4. Plug the power cord on the Batch Controller into a 120 volt outlet ⚠ (GFI recommended).
5. Determine the gallons to be batched.
6. To start a batch, push the "Start Button" on the outside of the PBC Batch Controller. 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.

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.