

# DLJ Batching System for Water Meters with Contact Head Registers Setup / Operating Instructions



**Batch Controller FBC 6001**



**DLJ50C 1/2"**



**Solenoid Valve**

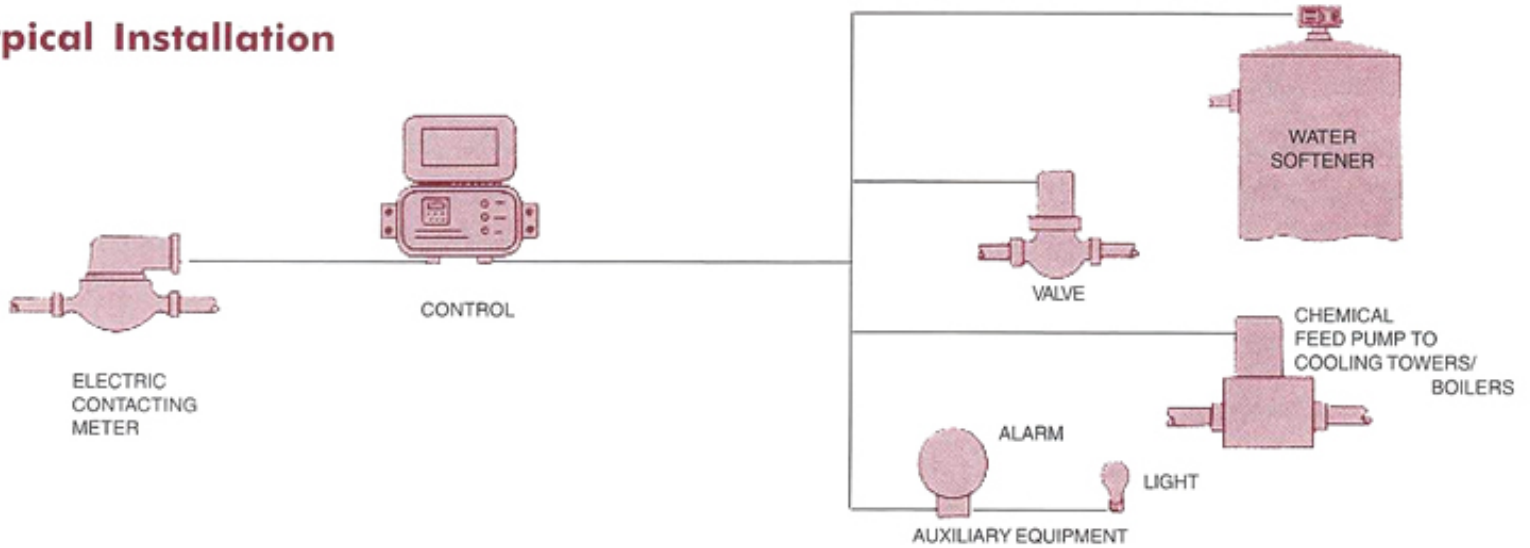
## **Setup Instructions:**

1. Install the water meter in line with the included couplings upstream of intended location of the solenoid valve(s). No dope or thread tape is used under the meter coupling nut, the seal is created by the meter gasket
2. Install the solenoid valve(s) downstream of the meter in a horizontal line. The valve(s) must be in a horizontal position.
3. Connect the terminal wires from the meter into the leads from the batch controller
4. Connect the high voltage wires on the solenoid valve to a 3 prong plug (not provided). The green is the ground, the 2 blue wires may be connected either way. Plug this into the female outlet wire on the batch controller.
5. Plug the male power cord into a grounded outlet (120VAC).

## **Operating Instructions:**

1. Determine the number of gallons to be batched. Divide by the pulse resolution of the meter (DLJ 50/75/100 - 1 , DLJ 150/200 - 10). Set the number on the batching unit and push the reset button. This fixes the amount into the LED register above the manual register
2. To start a batch, push the "Start Batch" button. This will open the solenoid valve(s) and start the counting process. When the batch controller receives the number of counts from the meter that were preset in the LED register, the controller will close the valve, completing the batch. If your next batch is the same size, simply push the "Start Batch" button. If your batch is a different size, repeat step 1.

## Typical Installation



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