



KING WATER FILTRATION MUNICIPAL SERIES AUTOMATIC CONTROL VALVE PROGRAMMING (MUNICIPAL)



1. Recycle Button:

- Use this to toggle through programming steps.
- Hold down for manual backwash (BW)

2. Down Arrow

- Used to set time
- Press and hold down until clock moves
- When in programming more, use to toggle through setting options

3. Up Arrow

- Used to set time
- Press and hold down until clock moves
- When in programming mode, use this to toggle through setting options.

The code in the upper left shows the portion of the program being changed.

The up and down buttons change the value on the right.

Step 1: Press and hold one of the up or down arrows until the clock moves. Set the time to 12:01 PM. Push the Recycle button to set.



Step 2: Press and hold the up and down buttons at the same time to get into the Master Programming Mode. A pencil icon lets you know you are in programming mode.



Step 3: Screen upper left reads DF. Set to GAL.



Step 4: Push Recycle. Set VT to FLtr.



Step 5: Push Recycle. Set CT to tc.



Step 6: Push Recycle. Set NT to ---1.



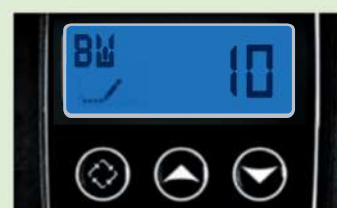
Step 7: Push Recycle. Set DO to 21.



Step 8: Push Recycle. Set RT to 2:00am



Step 9: Push Recycle. Set BW to 10.



Step 10: Push Recycle. Set RR to 5.



Step 11: Push Recycle. Wait for time to display.



Step 12: Press and hold up or down arrow, this gets time moving. Set TD to correct time. Push Recycle to complete the setup.





KING WATER FILTRATION MUNICIPAL SERIES TROUBLESHOOTING

PROBLEM	CORRECTION
No water flow	<ul style="list-style-type: none">• Re-read the instructions to install the system properly.• Check the in and out arrows on the bypass valve to ensure the system is not piped backwards.• Make sure the bypass valve is in the "Service" position.
Media discharging during backwash	<ul style="list-style-type: none">• Make sure top distributor has been installed properly.
System does not backwash	<ul style="list-style-type: none">• Control valve not programmed properly. Check programming and re-program as needed.
Poor performance (filtration)	<ul style="list-style-type: none">• Check the frequency and period of backwashing.
Leak in distributor tube	<ul style="list-style-type: none">• Put the system in bypass position and depressurize* the unit by putting into "Backwash" position.



After prolonged periods of non-use (such as during a vacation), It's recommended that the system be flushed thoroughly.

1. First put the system in bypass by turning the bypass valve to **"BYPASS"** position.
2. Let water run approx. 5 minutes by opening all faucets to flush all water supply lines.
3. Turn on bypass valve to **"SERVICE"** position to backwash the system.

To backwash or pressurize the system, refer to "AUTOMATIC CONTROL VALVE PROGRAMMING" in this manual.