ATAIO₃ System

Ozone



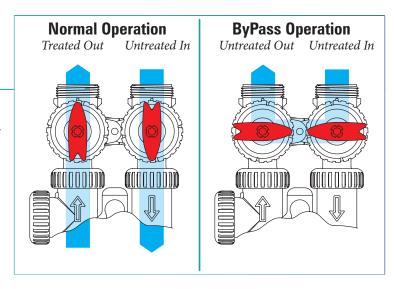
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For parts information to all 1" & 1.25" Control Valves Refer to the "C-Series" Installation & Maintenance Manual

ByPass Operation

To shut off water to the system, please position arrow handles as shown in the bypass operation diagram to the right. If your valve doesn't look like the diagram, contact your service technician for instructions on how to shut off water.



Regeneration Screens, Button Operation & Function

Regen Screen



Displays the time remaining in the current cycle. Pressing **REGEN** advances to the next cycle.

Button Operation and Function



Scrolls to the next display.



Pressing once and releasing will schedule a regeneration at the preset delayed regeneration time.

Pressing again and releasing will cancel the regeneration.

Pressing and holding for 3 seconds will initiate an immediate regeneration

Pressing while in regeneration will advance to the next cycle.

Pressing in the program levels will go backwards to the previous screen



Changes variable being displayed.



Holding for 3 seconds initiates a control reset. The software version is displayed and the piston returns to the home/service position, re-synchronizing the valve.

Regeneration Cycles & Times

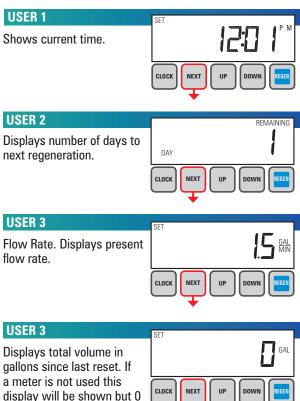
The user can initiate manual regeneration. The user has the option to request the manual regeneration at the delayed regeneration time or to have the regeneration occur immediately:

- Pressing and releasing the **REGEN** button. "REGEN TO-DAY" will flash on the display and the regeneration will occur at the delayed regeneration time. The user can cancel the request by pressing and releasing the **REGEN** button.
- Pressing & holding the REGEN button for approximately 3 seconds will immediately start the regeneration. The user cannot cancel this request, except by resetting the control by pressing NEXT and REGEN simultaneously for 3 seconds.

FILTERING REGEN CYCLES	RANGE
Backwash	14 minutes
Brine	40 minutes
Backwash	OFF
Rinse	OFF
Fill	OFF
Regen	OFF

User Displays

When the system is operating, one of five displays may be shown. Pressing **NEXT** will alternate between the displays shown below.



PRESS DOWN FOR 3 SECONDS TO RESET TO 0.

will be displayed.

Setting Time of Day

Push **NEXT** until time of day screen is displayed.
Press and hold **CLOCK** until **SET TIME** is displayed and the hour flashes once.
Press **UP** or **DOWN** until the correct hour is displayed.

Then press **NEXT**. The minutes will flash.

Press **UP** or **DOWN** until the correct minute is displayed.

Press **NEXT** to return to the User Displays. Time of day should only need to be set after power outages lasting more than 8 hours, if the battery has been depleted and a power outage occurs, or when daylight savings time begins or ends. If a power





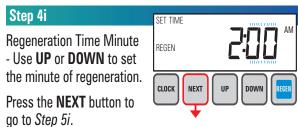
outage lasting more than 8 hours occurs, the time of day will flash on and off which indicates the time of day should be reset. If a power outage lasts less than 8 hours and the time of day flashes on and off, the time of day should be reset and the battery replaced.

Installer Set-up

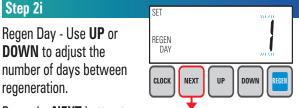
Step 1i NEXT Press **NEXT** and **UP** simultaneously for 3 sec-

onds and release. If screen in Step 2i does not appear the lock on the valve is activated.

To unlock press **DOWN**, **NEXT**, **UP**, **REGEN** in sequence, then press **UP** and **DOWN** simultaneously for 5 seconds and release.



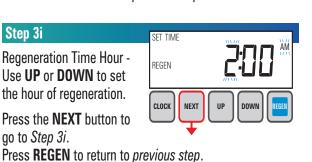
Press **REGEN** to return to *previous step*.

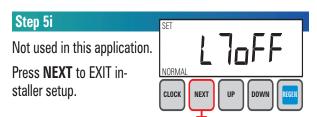


Press the **NEXT** button to go to Step 3i.

Step 3i

Press **REGEN** to return to *previous step*.

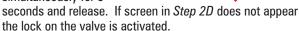




Valve History

Step 1D

Press **UP** and **DOWN** simultaneously for 3



CLOCK NEXT

To unlock press **DOWN**, **NEXT**, **UP**, **REGEN** in sequence, then press **UP** and **DOWN** simultaneously for 5 seconds and release.

Step 2D

Software Version.

The screen alternates between the two screens shown.

Press **NEXT** to go to Step 3D.

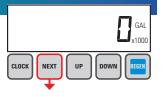
Press **REGEN** to *exit* Diagnostics.



DOWN

Step 3D

Volume, total used since start-up: This display shows the total gallons treated since startup. This display will equal zero if a water meter is not installed.



Press the **NEXT** button to go to *Step 4D*. Press **REGEN** to return to *previous step*.

Step 4D

Days, total since start-up: This display shows the total days since startup.

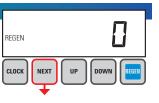
Press the **NEXT** button to go to *Step 5D*.

Press **REGEN** to return to *previous step*.

CLOCK

Step 5D

Regenerations, total number since start-up: This display shows the total number of regenerations that have occurred since startup.



Press the **NEXT** button to go to *Step 6D*. Press **REGEN** to return to *previous step*.

Step 6D

Error Log: This display shows a history of the last 10 errors generated by the control during operation.

CLOCK NEXT UP DOWN RECEN

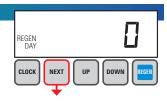
Press **UP** or **DOWN** to view each recorded error.

Press **NEXT** to go to *Step 7D*.

Press **REGEN** to return to *previous step*.

Step 7D

Days, since last regeneration: This display shows the days since the last regeneration occurred.

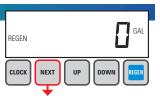


Press **NEXT** to go to Step 8D.

Press **REGEN** to return to *previous step*.

Step 8D

Volume, since last regeneration: This display shows the volume of water that has been treated since the last regeneration. This display will equal zero



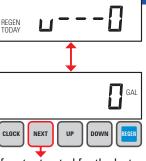
when a water meter is not installed.

Press **NEXT** to go to *Step 9D*.

Press **REGEN** to return to *previous step*.

Step 9D

Volume, 63-day usage history: This display shows day 0 (for today) and flashes the volume of water treated today. Pressing **UP** will show day 1 (which would be yesterday) and flashes the volume of water treated on that day. Continue to press **UP** to



show the maximum volume of water treated for the last 63 days. If a regeneration occurred on the day the word "REGEN" will also be displayed. This display will show dashes if a water meter is not installed.

Press **NEXT** exit Diagnostics.

Front Cover and Drive Assembly

