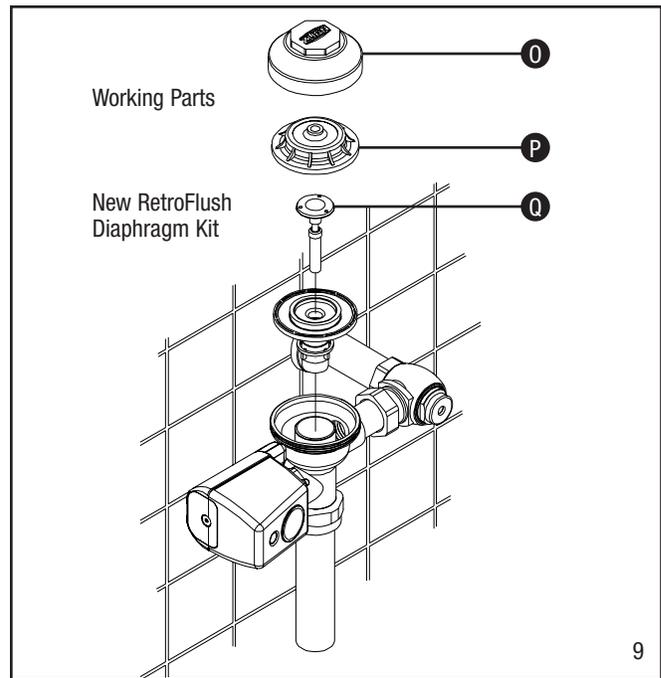


9 When all flush valves are connected to the fixtures and water pressure is available, it is recommended that the supply piping be flushed to remove dirt, pipe chips, etc., from system.

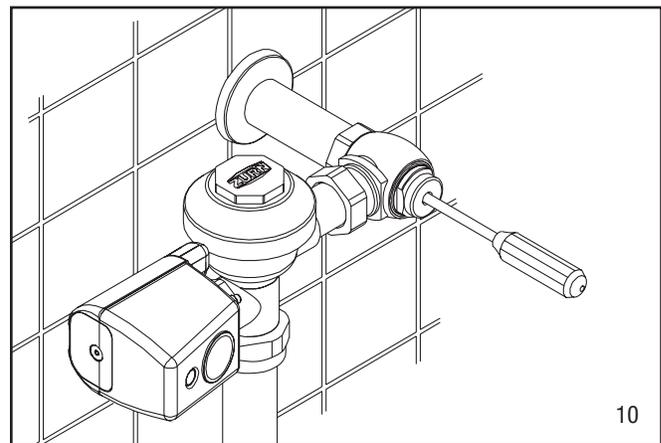
Use the following procedure to flush out the supply piping:

- A. Remove the main valve body cover **O** and internal plastic cap **P**.
- B. Remove the trip mechanism **Q** from the flush valve and set aside (shown in 9).
- C. Replace the plastic cover **P** and main body cover **O** without reinstalling the trip mechanism **Q**.
- D. Open the stop valve by using the stop adjusting screw and flush out all debris from pipe and connections.
- E. Once pipe and connection are flushed, shut off stop, open cover, reinstall the trip mechanism **Q**, replace both covers (**O** and **P**) and tighten.

This procedure should also be repeated when the system is drained for seasonal use, as occurs in athletic fields, recreation parks, etc.



10 The ZER flush valves are preset for fixture volume as marked on the valve cartons. The valve does not require regulation for variation in water pressure within its operating range. To set the flush valve for proper operation, gradually adjust the stop valve open, using the adjusting screw, while actuating the valve until the rate of water flow into the fixture is not excessive, yet is sufficient to adequately evacuate the waste. The final setting for urinals should be such that the fixture will not overflow when the valve is actuated in succession. The stop cap screw cover should be replaced after final adjustments have been made.



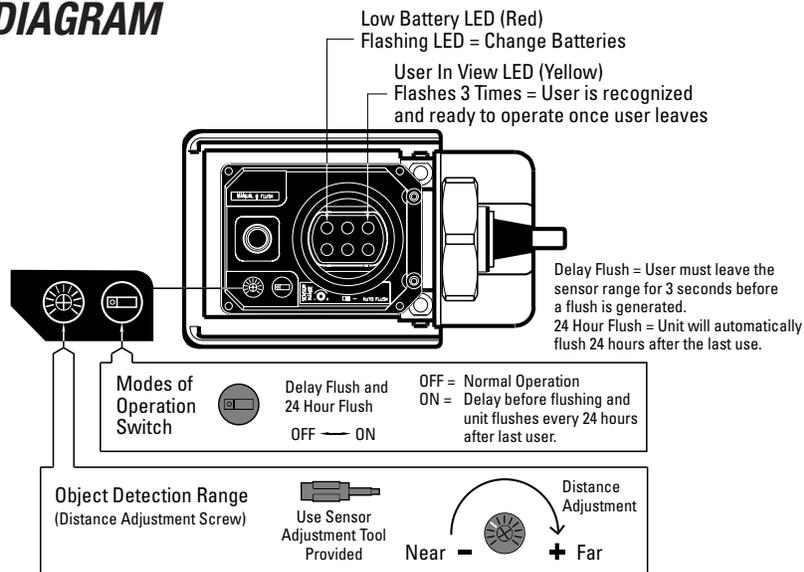
TROUBLESHOOTING GUIDE

PROBLEM	CAUSE	SOLUTION
Yellow L.E.D. light flashes 3 times when there are no users.	Front of sensor is covered or sensor is set too far out, registering the opposite wall or door as a user.	Remove item covering sensor or adjust sensor activation distance. (See 11 – “Adjusting the E-Z Flush.”)
Yellow L.E.D. light flashes continuously when sensor is activated by a user.	E-Z Flush unit is in 10-minute start-up mode (when first activated).	Yellow L.E.D. light will flash only 3 times, acknowledging a user is in view after the 10-minute start-up mode.
Red L.E.D. light flashes.	Batteries need replacing.	Replace batteries.
Not enough water to fixture or too much water to fixture.	Diaphragm damaged or valve control stop improperly adjusted.	Replace diaphragm and/or adjust valve control stop.
Valve will not operate.	Sensor range set too close to E-Z Flush, batteries are dead, or water supply is turned off.	Adjust sensor, replace batteries, or turn water on. If the E-Z Flush does not begin to function, call Customer Service at 1-800-997-3876.
Valve does not shut off.	Dirt or debris preventing diaphragm from functioning properly.	Remove dirt or debris, check by-pass hole in diaphragm.
Valve does not flush even after sensor has been adjusted.	Batteries are dead.	Replace batteries. If the E-Z Flush does not begin to function, call Customer Service at 1-800-997-3876.

7 TO CHANGE SENSOR ACTIVATION DISTANCE

1. Remove battery compartment tray as shown in Step 6.
2. Remove cover and sensor adjuster tool as shown in Step 6.
3. Replace battery compartment in E-Z Flush to activate unit (the yellow L.E.D. will flash continuously when it has an object in view for the 10-minute reset period). See Step 4 – “Activation.”
4. Have an individual stand at desired activation distance.
5. Use sensor adjuster tool and turn the **Sensor Range Adjustment Screw** all the way down and then turn slowly up until **yellow L.E.D.** begins to flash.
6. Ensure sensor is not detecting stall door or wall by closing door, stepping out of sensor path and making sure **yellow L.E.D.** is not flashing. If sensor locks onto door or wall, unit will not flush properly. Shorten activation distance.
7. Remove battery compartment, replace sensor adjuster tool and cover. Replace battery compartment tray to reactivate E-Z Flush unit.
8. After 10-minute start-up sequence, the **yellow L.E.D.** will flash only 3 times when a user is in view (after a 5-second delay).

8 WIRING DIAGRAM



9 TROUBLESHOOTING GUIDE

PROBLEM	CAUSE	SOLUTION TO PROBLEM
Yellow L.E.D. light flashes 3 times when there are no users.	Front of sensor is covered or sensor is set too far out, registering the opposite wall or door as a user.	Remove item covering sensor or adjust sensor activation distance. (See Step 7 – “To Change Sensor Activation Distance.”)
Yellow L.E.D. light flashes continuously when sensor is activated by a user.	E-Z Flush unit is in 10-minute start-up mode (when first activated).	Yellow L.E.D. light will flash only 3 times, acknowledging a user is in view after the 10-minute start-up mode.
Red L.E.D. light flashes.	Batteries need replacing.	Replace batteries.
Not enough water to fixture or too much water to fixture.	Diaphragm damaged or valve control stop improperly adjusted.	Replace diaphragm and/or adjust valve control stop.
Valve will not operate.	Sensor range set too close to E-Z Flush, batteries are dead, or water supply is turned off.	Adjust sensor, replace batteries, or turn water on. If the E-Z Flush does not begin to function, call Customer Service at 1-800-997-3876.
Valve does not shut off.	Dirt or debris preventing diaphragm from functioning properly.	Remove dirt or debris, consult valve manufacturer’s directions.
Valve does not flush even after sensor has been adjusted.	Batteries are dead.	Replace batteries. If the E-Z Flush does not begin to function, call Customer Service at 1-800-997-3876.