

HYDROTEK AUTOMATIC FLUSH VALVE TROUBLE SHOOTING GUIDE

(AC Powered)

Normal Operation: When power is connected or RESET Button is pushed, the lights on the Printed Circuit Board (PCB) will blink in the following sequence: Red, Red (with solenoid clicking), Green, Red and Red. Green light will stay on. When the user enters the sensor beams effective range the red indicator light on the flush valve will stay on. If the user stays in the effective sensor range for more than 4 seconds and steps away, the valve will activate (1) flush cycle. The flush valve unit will automatically reset for the next user. When the manual OVERRIDE Button is pushed, the flushing mechanism will be activated without impacting the mode of automatic operation. **Please Note:** Push the RESET Button BEFORE attempting to diagnose any problem and AFTER taking a corrective action.

| PROBLEM | POSSIBLE CAUSE | TO DIAGNOSE | REMEDY |
|--------------------------------------|------------------------------|--|--|
| Flush Valve will not turn on: | Water not turned on. | Check water supply | Turn water on. |
| " | Power supply failure | Check Power Adapter voltage, polarity, wires and connections | Replace Power Adapter and re-connect. Push RESET Button. |
| " | Sensor distance is too short | Stand in front of Flush Valve to find focal point of sensor beam. | To adjust sensor distance out, turn adjustment clockwise. Push RESET Button. |
| " | Electronic PCB is defective. | With Power Adapter plugged in, push RESET Button. No light, no action. | Replace PCB. Push RESET Button. |
| " | Sensor eyes are defective. | With Power Adapter plugged in, stand in front of sensor eyes. Indicator light on Flush Valve does not come on. | Replace sensor eyes and cable. |
| " | Solenoid Valve is clogged. | Solenoid is clicking but no water. | Clean solenoid and blow free all by-pass holes. Replace Control Disc. Push RESET Button. |
| " | In-line Filter is clogged | Open clean-out trap and check filter screen. | Clean or replace filter screen. |
| " | Solenoid Coil is defective. | With Power Adapter plugged in, push the RESET Button. Light blinks but no solenoid clicking. | Replace solecoid coil. Push RESET Button. |

Faucet will not shut off: Solenoid valve is normally closed. Turn off water and activate the Flush Valve. If there is a clicking sound, the solenoid is dirty. If there is no clicking sound, then replace solenoid valve. Other factors could be incorrect Sensor Distance Adjustment (too long); Electronic PCB is defective; Manual Push Button may be sticking; If water is leaking through, the solenoid valve may need a rebuild kit. Follow the same procedures as above for remedies.

IMPORTANT: Periodical maintenance is required for smooth and trouble-free operation of this faucet.

For more detailed procedures for remedies, call Hydrotek at 800-922-9883.