HYDROTEK AUTOFLUSH VALVE

Operation and Installation Instructions For
Exposed Type Flush Valves -- Battery Powered

OPERATIONS:

1. The AUTOFLUSH valve operates by emitting a continuous beam from the sensor.
2. As the user enters the beam's effective range, a red light flashes one time to alert the user that the flush valve is sensing. If the user stays in the range for more than 4 seconds, the beam is reflected into the receiver circuitry and the system goes into a "HOLD" mode for as long as the user remains in the range of the sensor. This "HOLD" mode also acts as a safety feature to prevent multiple flushes in the event the sensor is covered or blocked.
3. When the user steps out of range, the sensor sends a signal to the solenoid for a one time flushing cycle operation. The sensor then automatically resets and is ready for the next user.
4. If the MANUAL OVERRIDE button is pushed, the flushing mechanism will be activated without impacting the mode of automatic operation. This TRUE MANUAL OVERRIDE can be used to flush the valve when there is no electricity or if the electrical equipment fails.
5. Low battery indicator light flashes when batteries are low.

INSTALLATION INSTRUCTIONS: DO NOT USE PIPE DOPE. OR, WARRANTY VOIDED.

1. Prior to installation, "BENCH TEST" the unit for proper operations. (Refer to Drawings on back page), loosen the set screws (3) using Allen wrench provided and slowly lift and remove the top cap cover (1) from valve body (11). Properly insert 4 AA batteries(4) into battery holder (2). Push RESET button and the indicator lights on PC Board will be flashing as follows: Red, Red (Click), Green, Red, and Red. This indicates the electronics and solenoid is functioning properly. If the indicator lights do not blink or no clicking sound can be heard, contact the factory or your local Rep.
2. Reinstall top cap cover (1) to valve body (11) using set screws (3). Install the stop valve (8) to supply line using a Hydrotek sweat kit (optional).
3. Connect the Valve Body (11) to Stop Valve (8) using slip joint nut (10).
4. Attach the Washer(17), Vacuum Breaker(13) and Tailpiece(15) to the Valve Body(11) using Lock Nut(14). Secure the Tailpiece to the plumbing fixture using the spud coupling (16) provided.
5. Free spinning, vandal-resistant Stop Valve Cap may be removed by using small flat bladed screw driver inserted between cap and stop valve body. Taking care not to damage chrome finish, pry up on cap to remove.
6. Turn water on and check for leaks. Push OVERRIDE button (12) and the Valve should flush. Adjust water flow from Stop Valve for a smoother flush.
7. **TEST:** Stand in front of the Valve and a red light should blink once. After 4 seconds and steps away, the valve should flush automatically. If not, refer to the Trouble Shooting Guide.
8. Flush Valves are pre-adjusted at the Factory. If minor adjustment is needed, call Hydrotek for further details **1-800-922-9883.**

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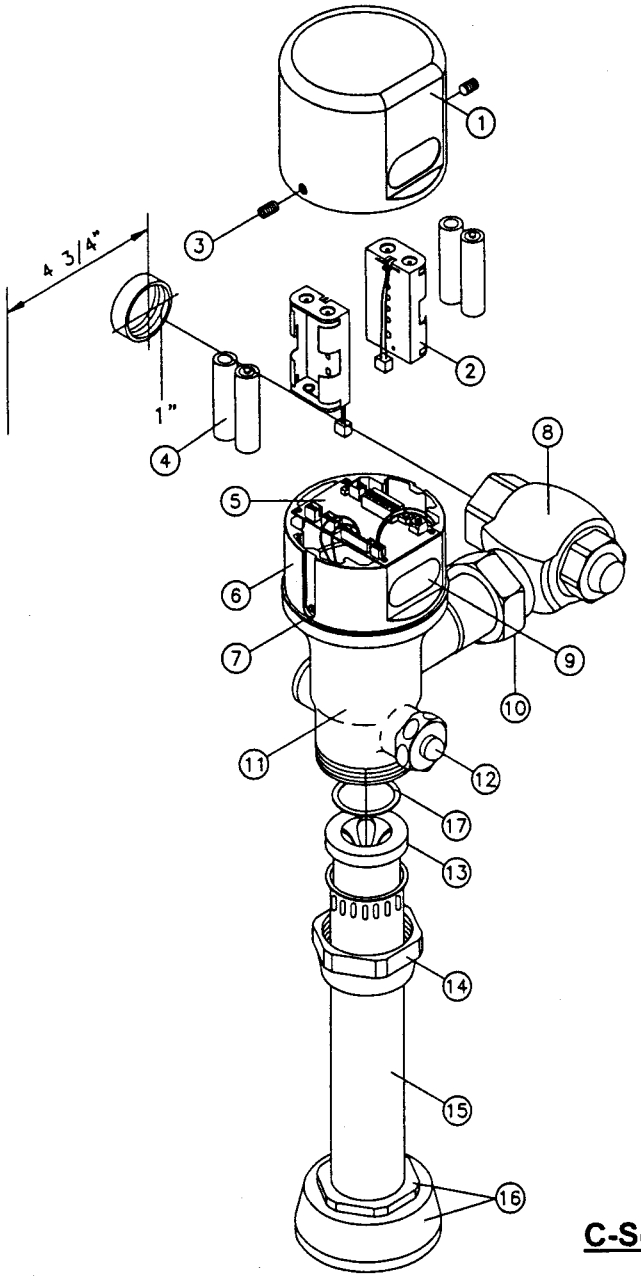
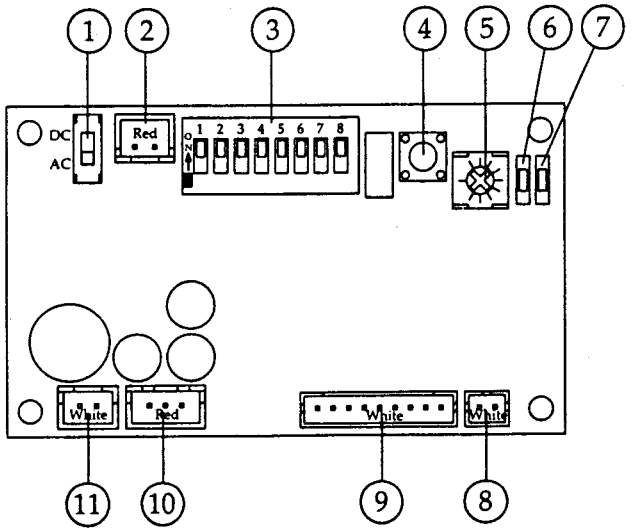
BATTERY POWERED EXPOSED TYPE FLUSH VALVE



HB-8000C Closet or Urinal

1. Top cap cover.
2. Battery holder.
3. Set screw.
4. AA Batteries
5. Control module(PCB).
6. Retainer ring.
7. O-Ring.
8. Stop valve.
9. Sensor eye.
10. Slip joint nut.
11. Valve body.
12. Override button.
13. Vacuum breaker.
14. Lock nut.
15. Tailpiece.
16. Top spud.
17. Washer.

C-Series Control Module (PCB) Diagram



1. AC/DC Switch.
2. Battery Holder Pin Connector (Red).
3. Dip Switches.
4. Reset Button.
5. Sensor Distance Adjustments (SDA).
6. Indicator Light (Green).
7. Indicator Light (Red).
8. Solenoid Pin Connector (White).
9. Sensor Eye Control Cable (White).
10. AC Power Adapter Pin Connector (Red).
11. Battery Holder Pin Connector (White).