

AquaVantage® Hydraulic-Operated Service and Maintenance



PROBLEM	CAUSE	CORRECTIVE ACTION
Valve will not operate.	1. Water supply is shut off. 2. Internal valve filter is plugged. 3. Tubing is hooked up improperly. 4. Plunger orifice is clogged. 5. Damaged or worn seals in HYM Actuator.	1. Turn on water supply/stop valve. 2. Clean or replace filter. 3. Refer to instructions for proper connections. 4. Remove plunger and clear orifice. 5. Replace HYM Actuator.
Insufficient volume of water to adequately evacuate fixture.	1. Stop valve is not open enough. 2. Urinal trip mechanism installed in closet valve. 3. Inadequate supply running pressure. 4. Diaphragm kit is not matched to the fixture.	1. Open stop valve until desired flush. 2. Replace black urinal trip mechanism with a white closet trip mechanism. 3. To determine if the supply is adequate to evacuate the fixture, remove all working parts except for the diaphragm, then open the stop valve and evaluate flush. 4. Replace diaphragm kit with proper assembly.
Flush valve shuts off too quick or is short flushing.	1. Damaged or punctured diaphragm. 2. Enlarged orifice.	1. Replace diaphragm to remedy problem. 2. Replace diaphragm to remedy problem.
Flush valve will not shut off.	1. Trip mechanism is not seating properly. 2. By-pass orifice is plugged or partially plugged.	1. Disassemble parts and clean thoroughly. 2. Examine by-pass orifice and clean if necessary, being careful not to enlarge orifice opening.
Continuous trickle of water through valve.	1. Tubing is hooked up improperly. 2. Debris lodged between piston assembly and valve seat.	1. Refer to instructions for proper connections. 2. Remove the piston from the push button assembly and inspect and clean both the spool and the valve seat.
Actuator assembly leaking.	1. Actuator assembly handle nut is loose. 2. Actuator assembly gasket(s) are missing.	1. Tighten the actuator assembly nut. 2. Install gasket(s).
Push button assembly leaking.	1. Compression fitting or nuts are loose. 2. Piston O-Ring is damaged.	1. Tighten nuts or fittings. 2. Replace piston assembly.

CARE and CLEANING INSTRUCTIONS

The suggested cleaning of chrome-plated surfaces is to simply wash with mild soap and water, then dry. Commercial cleaning compounds are never recommended as they may dull the luster and the decorative finishes.

SEASONAL USE

Valves used in installations subject to shutdown during cold and/or freezing conditions should be maintained in the following manner: After the main supply has been shut off and the water has been drained from the system, remove the stop cap and the stop valve internals to allow the water to drain from the flush valve itself. The tubing must also be disconnected from the push button assembly and the actuator assembly to allow for drainage.