

SLOAN SOLIS

TROUBLESHOOTING AND MAINTAINING THE SOLIS FLUSH VALVE

1 PROBLEM: *SENSOR FLASHES CONTINUOUSLY ONLY WHEN USER STEPS WITHIN RANGE*

SOLUTION: A) Unit in Start-up mode; no problem. This feature is active for the first ten (10) minutes of operation.

2 PROBLEM: *VALVE DOES NOT FLUSH; SENSOR DOES NOT PICK UP USER*

SOLUTION: A) Range too short; increase the range.

3 PROBLEM: *VALVE DOES NOT FLUSH; ONLY FLUSHES WHEN SOMEONE WALKS BY*

SOLUTION: A) Sensor is picking up opposite wall or surface. Range is too long; shorten range.

4 PROBLEM: *LIGHT FLASHES CONTINUOUSLY FOR 10 MINS EVEN WITH NO ONE IN FRONT OF THE SENSOR*

SOLUTION: A) Range is too long; shorten range.

5 PROBLEM: *VALVE DOES NOT FLUSH AFTER ADJUSTMENT*

- SOLUTION:**
- A) Range Adjustment Potentiometer set at full "max" or full "min" setting. Readjust Potentiometer away from full "max" or "min" setting.
 - B) Batteries completely used up; replace batteries.
 - C) Problem with Electronic Sensor Module; replace Electronic Sensor Module.

6 PROBLEM: *UNIT FLASHES 4 QUICK TIMES WHEN USER STEPS WITHIN RANGE*

SOLUTION: A) Batteries Low; replace batteries.

7 PROBLEM: *VALVE DOES NOT SHUT OFF*

SOLUTION: A) Bypass Orifice in Diaphragm is clogged with dirt or debris, or by an invisible gelatinous film due to "over-treated" water. Remove Flex Tube Diaphragm and wash under running water.

NOTE: Size of Orifice in the Bypass is of the utmost importance for the proper metering of water by the valve. **DO NOT ENLARGE OR DAMAGE THIS ORIFICE.** Replace Flex Tube Diaphragm if cleaning does not correct the problem.

- B) Dirt or debris fouling Stem or Flex Tube Diaphragm. Remove Flex Tube Diaphragm and wash under running water.
- C) O-Ring on Stem of Flex Tube Diaphragm is damaged or worn. Replace O-Ring if necessary.
- D) Problem with Electronic Sensor Module; replace Electronic Sensor Module.

8 PROBLEM: *NOT ENOUGH WATER TO FIXTURE*

- SOLUTION:**
- A) Wrong Flush Volume Regulator installed in Flex Tube Diaphragm Kit; install the correct Regulator
 - B) Wrong Sloan SOLIS® model installed; i.e., 1.0 GPF Urinal installed on 3.5 gal Closet fixture. Replace with proper Sloan SOLIS® model.
 - C) Enlarged Bypass in Diaphragm. Replace Flex Tube Diaphragm.
 - D) Control Stop not adjusted properly. Readjust Control Stop.
 - E) Inadequate volume or pressure at supply. Increase water pressure or supply (flow) to valve.

9 PROBLEM: *TOO MUCH WATER TO FIXTURE*

- SOLUTION:**
- A) Wrong Flush Volume Regulator installed in Flex Tube Diaphragm Kit; install the correct Regulator.
 - B) Control Stop not adjusted properly. Readjust Control Stop.
 - C) Wrong Sloan SOLIS® model installed; i.e., 3.0 GPF model installed on a 1.0 or 1.5 gal Urinal fixture. Replace with proper Sloan SOLIS® model.
 - D) Dirt in Diaphragm Bypass. Clean under running water or replace Flex Tube Diaphragm.

CARE AND CLEANING INSTRUCTIONS

DO NOT use abrasive or chemical cleaners to clean flushometers as they may dull the luster and attack the chrome or special decorative finishes. Use **ONLY** soap and water, then wipe dry with a clean cloth or towel.

While cleaning the bathroom tile, the flushometer should be protected from any splattering of cleaner. Acids and cleaning fluids can discolor or remove chrome plating.

CALL FOR TECHNICAL ASSISTANCE!