

PROBLEM SOLVING & MAINTENANCE SUGGESTIONS

NOTICE We recommend that you use only genuine Delta® replacement parts to maintain the warranty.

NOTICE **DO NOT USE EXCESSIVE FORCE** to close the inlet stop stem. We **RECOMMEND** that the flushometer be flushed while closing the inlet stop. The noise created by the water flow or the flow into the fixture will stop when the inlet water is shut off.

NO LIGHTS - NO POWER

1. Check that the four "AA" batteries are positioned properly in the battery holder. Use the +/- signs on the batteries and the +/- signs on the battery holder for correct positioning.
2. If the batteries are positioned correctly, but there are still no lights, replace with four new "AA" Alkaline batteries ("TO REPLACE BATTERIES (see Figure 15)" on page 12).
3. Check for damage or corrosion of the battery terminals in the battery holder. Replace battery holder (060334A, item #3) if necessary.

EXCESSIVE NOISE

1. **PARTIALLY** close the inlet stop.
2. Pressures **OVER 75 PSI** may lead to an increase in **NOISE**, water could **SPLASH** out of the fixture more easily and the **LIFE** of any plumbing valve may be **SHORTENED**.
3. Install a Pressure Reducing Valve set at a lower pressure if actual pressure is over 75 PSI. While the TECK Flushometer will operate up to 125 PSI, the preferred operating range is between 35 and 65 PSI.
4. On flushometers that have been installed for a number of years, check the Renewable Seat (062007A, item #11) for wear and replace if necessary.

EXCESSIVE WATER FLOW RATE

1. **OPEN** inlet stop **ONE TURN** and adjust Regulating Screw (061024A, item #7) to the fixture requirement (except on models that have a fixed volume).
2. Operation of flushometer with inlet stop **BELOW ONE TURN OPEN** may cause **EXCESSIVE NOISE**. The lowest open setting for the inlet stop may vary depending on the installation.

SHORTAGE OF WATER TO PROPERLY FLUSH BOWL

1. **OPEN** inlet stop fully.
2. **CHECK** pipeline for size or obstruction, partially closed gate or other supply line valve, corroded or under size water piping.
3. **CHECK** water pressure.
4. Water flow rate is determined by **BOTH** the water pipe size **AND** the water pressure available.
5. A water closet flush valve requires a minimum water supply of 1" (or larger), depending on a number of different factors including water pressure (PSI) available, pipe size and length of pipe run, number of fixtures per washroom and per building, fixture type, fixture usage factor, elevation of valve above the water main, etc. We strongly recommend that pipe size calculations be done to insure proper water supply sizes.

NOTICE Flushometers **DO NOT** provide a water supply; they are merely automatically timed self-closing valves. The inlet supply piping is the water reservoir that must supply sufficient water volume in a short period of time (4 to 10 seconds) to properly flush and clear the fixture.

CONTINUOUS FLUSHING

1. The Regulating Screw (061024A, item #7) may be turned **RIGHT** (clockwise) **TOO FAR**. Adjust by slowly turning the Regulating Screw **LEFT** (counter-clockwise) (except -48, -42, -19 and -05 models, which are fixed volume).
2. If flush is still continuous, close inlet stop, remove Regulating Screw (061024A, item #7), **CLEAN** bypass slot in the Screw, **REPLACE** it in the valve and **ADJUST** slowly for proper flush (except on models that have a fixed volume).
3. Remove cap assembly (item #8) and Diaphragm/Guide Assembly (061323A - W/C, item #10a or 061324A - UR, item #10b), check for contaminants at renewable seat (062007A, item #11) and diaphragm and check for debris in the cap for blockage. Also **CHECK** that the Diaphragm/Guide slides easily in the Renewable Seat.
4. If sensor is picking up a reflective surface, or flushes when someone walks by, range too long; shorten range or adjust sensor angle ("Sensor Angle Adjustment / Réglage de l'angle du capteur" on page 10).

VALVE WILL NOT FLUSH

1. When the valve has been taken apart for servicing and re-assembled and **DOES NOT** operate, check that the Cap has been put on the body properly. The Regulating Screw (061024A, item #7) should always be on the same side as the inlet stop.
2. When all lights operate as expected but valve will not flush, check that the solenoid wires are connected and the solenoid is making a clicking sound. If no clicking sound is present, then replace with cap/solenoid & regulating screw assembly (item #8).
3. If the valve will flush but shuts off immediately when activated, the Diaphragm (060079A-MMO, item #10c) may be worn or split and need to be replaced.
4. The flushometer may not detect a user if the toilet seat is left in an upright position. This can be due to the Flushometer being installed too low or there is no gap in the front toilet seat. Adjust the height of the valve or change the toilet seat.
5. The sensor may have trouble detecting certain types of clothing material.

SLIGHT WATER LEAK INTO FIXTURE

1. **EXAMINE** the seating surface of the Diaphragm (060079A-MMO, item #10c) for embedded sediment.