

## **Installation Guide**

### **ZENNER PPD Series Positive Displacement Meters**

1. The meter is intended for measuring potable, cold water in one direction.
2. It is recommended that the meter be installed in a horizontal pipeline with the register facing upward. If necessary, this meter can be installed vertically.
3. Proper shut-off valves should be installed adjacent to both the inlet and outlet of the meter so service may be shut off without undue inconvenience to the customer whenever the meter must be removed.
4. Clean and flush the service line thoroughly on the inlet side of the meter before installing the meter.
5. Remove the spud thread protectors, if installed, on 5/8" through 1" Meters. Remove hole plugs, if installed, on 1-1/2" and 2" Meters.
6. Set the meter with the arrow on the meter pointed toward the customer's service line, and install with new gaskets. NOTE: For PPD Series Meters, damage to the chamber can occur if these meters are installed backwards and then operated.
7. To insure unrestricted flow of water through the meter, use the proper size and type of gaskets. Connections should only be sufficiently tight to seal; do not over-tighten. Do not use any pipe sealant, tape or putty on the meter spud threads. .
8. After the meter is installed, shut off the outlet. Open the inlet shut-off valve slowly until the meter fills with water and then check for leaks.
9. Open the outlet valve slowly, allowing the trapped air to move through the service line and out of the meter. Then open a valve slowly downstream of the meter to allow complete water movement through the meter, checking that no foreign debris has obstructed the water flow.
10. Install an electrical grounding strap around the meter for maintenance while repairing or removing the meter.

Note that the installer should also reference the AWWA M6 Manual for Water Meters – Selection, Installation, Testing, and Maintenance.