



iPERL™ WATER MANAGEMENT SYSTEM INSTALLATION GUIDELINES

1. Suitable shut off valves should be installed adjacent to both the inlet and outlet of the system so service may be shut off without undue inconvenience to the customer whenever the system must be removed.
2. Clean and flush the service line thoroughly on the inlet side of the current meter before installing a new system.
3. Systems should be installed on the discharge side of a pump with the flow directional arrow pointed downstream.
4. If a pump is installed on the outlet side of the system, a minimum of ten diameters of straight pipe should be immediately downstream of the system to obtain valid system registration.
5. Turn off water supply valves.
6. Make sure that metallic water service plumbing is properly grounded as per local electrical codes. If needed, install an electrical grounding strap around the current meter for maintenance safety while repairing or removing the current meter.
7. Orientate the system so that the direction of flow arrow on the system body is aligned with the direction of flow of water in the plumbing system.
8. To ensure unrestricted flow of water through the system, use the proper size and type of gaskets. Connections should only be sufficiently tightened to seal; *do not over-tighten*. Do not use pipe sealant, tape, or putty on the spud threads.
9. After the system is installed shut the outlet shut-off valve.
10. Open the inlet shut-off valve *slowly* until the system is full of water and there are no leaks.
11. Open the outlet shut-off valve *slowly* until air is out of the system and service line.
12. Open a valve downstream of the system *slowly* and ensure that no foreign debris in the water obstructs the operation of the system.

NOTE: For further installation instructions and programming instructions, please refer to:
www.sensus.com/iperl