

## **Managing Normal Sporadic Water Flow Downstream of the Sentinel Hydrosolutions Leak Defense System (LDS)**

### **Applications:**

Any automatic system where fluid flow is:

- Normal
- Unpredictable
- May cause the LDS to sense a leak where one does not exist

Possible applications include:

- Irrigation systems
- Automatic pool fill valves
- Water filtration and treatment systems
- Air humidification systems

### **Operation Options:**

- 1) It may be possible to set the “Flow to Alarm” to ignore low flows. For example, the amount of flow into an air conditioning humidifier is so low that setting the flow to alarm point above it does not entail a high risk.
- 2) You may wish to adjust the “ZERO FLOW” level when the water using device is active and the LDS will ignore all flow below that level.
- 3) Attempt to program all automatic water-using devices so they activate only when you are certain the LDS will be in the “HOME” mode and set the “HOME” flow to alarm time above the cycle time of these devices.
- 4) Plumb each automatic water-using device separately or place the LDS down-stream of these devices.
- 5) Install an auxiliary flow switch (See Service Bulletin 2).