

# TSP-KS Sump Sensor Mounting Kit Installation

## Tools Required:

- Flat bladed screwdriver
- adjustable wrench
- pliers
- measuring tape
- marking pen, and
- hacksaw

## Materials Supplied in this Kit:

- ① 282-1018 (2) 1/4-20 x 3/4 inch hex-head screw { to fasten sensor bracket to unistrut nuts }
- ② 282-1117 (2) Spring loaded – unistrut nut assembly { to fasten sensor bracket to unistrut }
- ③ 283-0202 (2 Ft.) Unistrut channel { to mount unistrut nuts and pipe clamps }
- ④ 283-0205 (1) Unistrut 2 inch pipe-clamp assembly { with locking hex screw and nut }
- ⑤ 283-0206 (1) Unistrut 3 inch pipe-clamp assembly { with locking hex screw and nut }
- ⑥ 283-0207 (1) Unistrut 4 inch pipe-clamp assembly { with locking hex screw and nut }

## Assembly:

- Locate a rigid pipe or sump pump/turbine housing in which to clamp the unistrut assembly. Measure the installation space and cut the 2 foot unistrut to fit (if required).
- Use one of the three pipe clamp sizes provided and slide the clamp into the unistrut channel. Slide the unistrut nut assemblies into the opposite end.
- Mount the sensor bracket (supplied with the TSP-DDS and TSP-DTS sensors) onto the unistrut channel nuts using the two hex head screws. **Do not overtighten.**
- Loosen the pipe clamp and then tighten the pipe clamp over the rigid pipe. Make sure the clamp is positioned so that the sensor's base will rest on the bottom of the dispenser/containment sump.

