

## Flow Sensor Installation

Always install a flow sensor in a straight section of pipe where there is a minimum of 10 diameters upstream (ahead) and a minimum of 5 diameters downstream (behind) of the flow sensor. Pipe bends, other fittings, valves, pipe enlargements or reductions or anything else that would cause a flow disturbance should not be present in this length of pipe.

If the flow sensor is installed below grade, provide access to the sensor by installing a valve box or meter pit over it. In underground installations, sensor tees are usually installed with the insert located in the 12:00 o'clock or straight up position to make removal easier. The sensor is supplied with 48" wire leads. When splicing the leads to an extension cable, be sure to leave an adequate loop of wire to allow the sensor insert to be brought above ground level for service while still remaining spliced.

