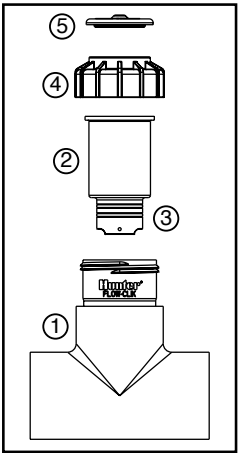
Flow-Clik Sensor Body Components:

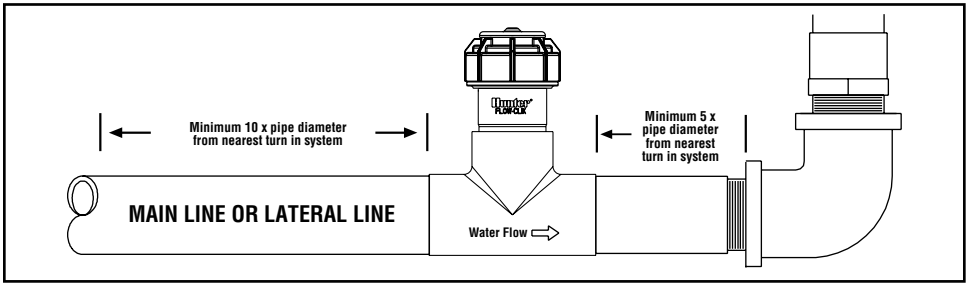


1. **Flow-Clik Tee** – the Tee is installed into the irrigation system and houses the Flow-Clik sensor
2. **Plug** – used to seal the body when the sensor is not installed in the sensor body
3. **O-rings** – provides sealing of plug in sensor body
4. **Cap** – retains plug or sensor in sensor body
5. **Cover** – snaps over the top of the sensor

Installing the Flow-Clik Sensor Body:

The Flow-Clik Sensor Body is offered in diameters from 1" to 3" and is designed to be installed into the main line or lateral pipe of the irrigation system. It is important to install the Flow-Clik Sensor Body downstream of the master valve (for main line installations) or the zone valve (for lateral line installations). Also, it is necessary to install the Sensor Body in an area of low turbulence within the system. Areas of high turbulence will cause erratic readings from the Flow-Clik.

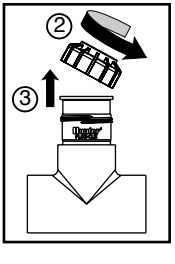
The figure below represents a recommended Sensor Body installation. There must be at least 10 times the pipe diameter of straight pipe upstream of the Sensor Body inlet and at least 5 times the pipe diameter in length of straight pipe downstream of the Sensor Body outlet. This will assure that the Flow-Clik sensor be placed in the optimum position within the irrigation system.



Installing the Flow-Clik Sensor into the Sensor Body:

The Flow-Clik Sensor Body comes with a plug that allows for installation of the Sensor Body into the irrigation system prior to installing the Flow-Clik Sensor. This allows the irrigation system to operate without the sensor installed and prevents damage from occuring to the sensor during installation of the Sensor Body.

Note: Do not attempt to remove the sensor plug or sensor from the sensor body while the system is under pressure

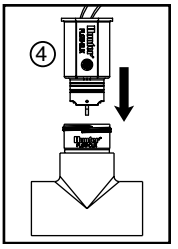


To install the sensor into the body:

1. Turn the system pressure off.
2. Unscrew the cap from the top of the body.
3. Use pliers or a screwdriver and carefully pry the plug from the body.

P/N 700983 LIT-367 1/03

4. Insert the sensor into the Sensor Body (check to make sure the two o-rings provided with the sensor are installed in the grooves at the lower end of the sensor). The sensor has a flat side that engages with a flat on the inside of the Sensor Body.
5. Replace the cap on the Sensor Body (hand tighten only).
6. Feed the two sensor wires through the hole in the cover and snap the cover on the cap.

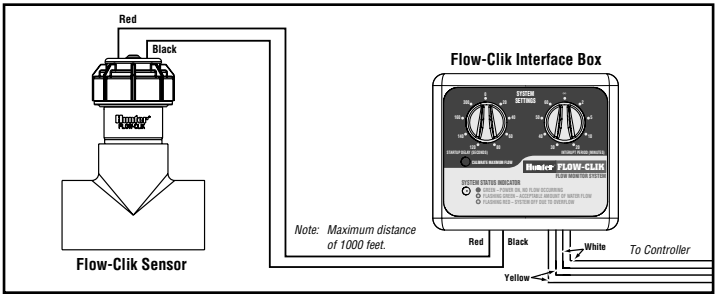


WARNING! This unit is designed to be installed in conjunction with 24 VAC circuits only. Do not use with 110 or 220 VAC circuits.

Wiring the Flow-Clik Sensor to Your Controller

Flow-Clik Sensor to Interface Box

The Flow-Clik Sensor has two wires (red and black) that are connected directly to the Flow-Clik Interface Box mounted next to the irrigation controller (reference your Flow-Clik owner's manual for wiring details). A minimum wire size of 18-gauge wire can be used (maximum of 1,000 feet) to connect the two leads from the sensor to the Interface Box.



Flow-Clik-IMMS Sensor to the Hunter IMMS Site or Controller Interface

The Flow-Clik-IMMS Sensor has four wires (two white and two yellow) that are connected directly to the Hunter IMMS Site or Controller Interface (reference your Flow-Clik-IMMS owner's manual for wiring details). A minimum wire size of 18-gauge wire can be used (maximum of 1,000 feet) to connect the leads from the sensor to the IMMS Site or Controller Interface.