Flow Meter Wiring & Software Setup

Flow meters measure the amount of water applied to each zone. When used, these handy devices provide insight into a site's water usage and allow you to monitor system issues, such as broken pipes. Controllers enabled with Hydrawise® Software can provide reporting on the amount of water used for each zone and across your entire system.

With a flow meter, you can create alerts that deliver instant updates. This allows you to handle flow issues before landscape damage occurs, which is particularly helpful for unattended homes. Learn More [1]

For help with installation, see the detailed instructions below. A two-wire cable is required to connect the flow meter to the controller. It must be dedicated to the flow meter and cannot be shared with the Common wire of the valves or other sensors. The cable gauge is determined by the total cable length between the flow meter and the controller. In general, a 20 AWG (0.5 mm) wire is sufficient for a 240' (73 m) run. Connect the wires to your Hydrawise-enabled controller to complete the flow meter setup.

Wiring

NOTE: HPC Controllers with date codes of JAN 2023 and newer include two sensor inputs.
The SEN-SEN terminals from the original HPC Controllers have been split into SEN and
SEN 2 to allow for two separate sensor installations (i.e., flow meter + rain sensor).
Sensors now wire separately across the Common terminal (COM).

Software Configuration

To configure a sensor in the Hydrawise software, follow the steps below.

1. Sign in to your **HYDRAWISE** account. [2]
2. Click the (≡) icon in the upper left.
3. Click **SENSORS**.
4. Create a new sensor by clicking **ADD SENSOR TO CONTROLLER.**
5. Choose the **SENSOR NAME.**
6. Choose the **TYPE OF SENSOR**.
7. Change the controller input to **SENSOR 1 or SENSOR 2.** If you have an HPC model with date code of January 2023 or newer, select **SEN** or **SEN-2.**
8. Click **NEXT**.
9. Select the **ZONES** that you want the sensor to shut down when triggered.
10. Click **OK**.