

EveryDropMeters

1" Wireless | www.everydropmeters.com

Installation Guide

Step 1: Connecting and Powering the Flow Interface

The Flow Interface **MUST** be installed and powered before other steps are completed. It is needed to assess the signal strength of the connection at boot up from the Flow Sensor. Make sure to power your Flow Interface after connection to your smart controller before proceeding to step 2.

Always follow wiring instructions provided by the smart controller manufacturer. Below is an example for the *Rachio smart controller*.

Rachio:

Meter +: Gen2/3 (S1 or S2)

Meter -: Gen 2 (SC); Gen 3 (24VAC-)

Step 2 [critical]: Testing the Location of the Flow Sensor

Place the Flow Sensor in the intended spot of installation and (with Flow Interface powered) insert the 2 batteries, trying not to stand between the meter and Flow Interface. 3 bootup messages will be sent to the Flow Interface. For 5 minutes, the Flow Meter will continue to send a message every 30 seconds.

After 5 minutes, the Flow Interface will present a final summary. To qualify as a suitable install location, TOTAL RCVD must equal 13. LAH refers to Low, Average, and High. Your Average *must not* be below 25. If your TOTAL RCVD is not equal to 13, or you AVG value is below 25, we strongly recommend selecting a different installation location.

Step 3: Installing the EveryDrop Flow Meter

After selecting a location for the Flow Sensor, consult an irrigation specialist to install the device using the included UPVC fittings. It is strongly recommended that the Wireless meter be installed above ground if possible.

The pipe must **ALWAYS** be **FULL** *and* be free of air with **>10 PSI** of back pressure in order to properly read flow.

- Remove the unions from each end of the meter, being careful not to lose the O-ring seated in one half of the union.
- Make sure to leave enough slack in the pipe so that the union can be properly tightened for the O-ring to compress. We suggest securing the pipes after install so there is not a lot of give on pipe.

For additional support or questions, please visit our FAQ at www.everydropmeters.com/FAQ or send us an email at sales@everydropmeters.com. Our engineers are available for you.

WARNING:

-This meter has not been certified for potable water.

-Exposure to flows over 30 GPM will invalidate performance specs and warranty.

See www.everydropmeters.com for detailed user manual

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Installation Diagram



900 MHz
Wireless Connection



Power Options
(24 VAC or DC Jack)

Smart Controller

12.5"



See www.everydropmeters.com for detailed user manual