



Climate Controlled Irrigation

**Save money by watering smart.
Landscapes are healthier when watered right.**

Controller Link is a simple upgrade for existing sprinkler timers to provide climate controlled irrigation. Controller Link saves water by managing irrigation, based on real-time weather conditions.

Climate conditions cause water to evaporate (ET) from the landscape. Each hour Controller Link uses Wi-Fi or Cat 5 wired Ethernet to retrieve weather information through the Internet from precision ET Weather Stations.

Plants thrive with deep, less frequent watering that sustains a healthy balance of air and water. To know when to water, Controller Link combines site specific settings with real-time ET and rainfall measurements, and then manages your sprinkler system for optimal soil moisture levels. When it rains, Controller Link prevents watering but also knows how long to wait after it rains before watering again.

Controller Link saves time by eliminating the need to travel to controllers to make scheduling adjustments when the weather changes. It is ideal for residential or commercial applications with any number of stations and saves water by 20% to 60% over traditional sprinkler timers.

Benefits

- *Save money*
- *Conserve water*
- *Healthy landscapes*
- *Saves Time*

“Each year I have reduced my total water consumption by more than 25%, with no decrease in the quality of the turf or landscape materials.”

Norman Bartlett



Weather Reach Access

Access your Controller Link through the Internet. Off-site management from any computer, smart phone, or tablet, enables you to make changes to your Controller Link and monitor the status, settings, and logs. E-mail alerts notify you of Controller Link events.

Flow Sensor and Tipping Rain Gauge Input

A flow sensor connected to your Controller Link will track your actual water use. If a pipe breaks, an email alert can be sent letting you know that your watering schedule has been interrupted and needs attention.

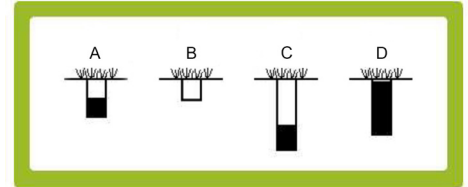
Connect an on-site tipping rain gauge to your Controller Link to an on-site tipping rain gauge for accurate rainfall measurements.

Four Program Management

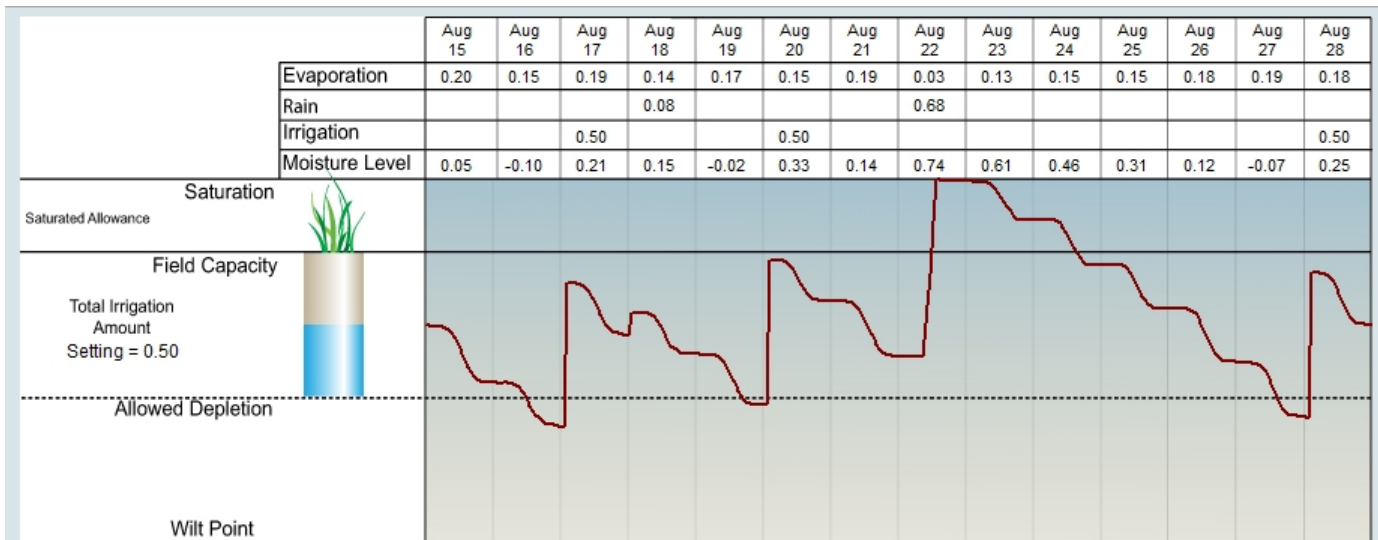
Your Controller Link can manage up to 4 programs. Controller Link uses Program Start Sensors to know watering cycle starts then enables the valve common when watering is needed.

Features

- Climate controlled irrigation
- Internet communication
- Remote access
- Flow sensing



Controller Link displays how much water is left in the soil since the last watering or rain storm.



Controller Link knows when to water by tracking ET and rain, then allows irrigation when watering is needed. Deep, less frequent watering maintains a proper balance of air and moisture in the soil that keeps plants healthy.

Specifications

Model Numbers:

- CLw Weather Reach Wi-Fi Controller Link
- CLe Weather Reach Ethernet Controller Link

Power Supply: 20 to 30-volt AC

Valve Common Contact Load: 4 Amp maximum @ 30-Volt AC

Operating Temperature Range: 4 Amp maximum @ 30-volt AC

Terminal Wire Gauge: 14 to 20 AWG

Sensor Wire Gauge: 18 to 26 AWG

Program Start Sensor: 10 to 18 AWG

Operating Modes:

- Program Start (Typical)
- Water Window
- ET Pulse - Output to compatible ET Controller
- ET Trigger

Program Start Sensor: 4 programs Input to 20 to 30 volts AC

Tipping Rain Gauge Sensor Voltage: 5 VDC

Flow Sensor:

Type: Variable frequency

Excitation Voltage: 9 VDC

Maximum sensor current: 40 milliamp

Maximum sensor frequency: 400 Hz

Minimum pulse width: 1 millisecond

Ethernet: RJ-45 10/100BASE-T, TCP/IP, DHCP

Wi-Fi: 2.4GHz 802.11 b/g Secure authentication - WEP-128, WPA-PSK (TKIP), WPA2-PSK (AES)

USB: Micro AB-OTG

Cabinet: Wall mount, weatherproof, UV - Impact resistant

Dimensions: 5" wide x 8" high x 2" deep (12.7 x 20.3 x 5.1 cm)