



Waterfacts 8

Rain and moisture shut-off devices.

These devices, also referred to as rain sensors, are important for conserving water and helping to ensure lawn and garden health. They automatically shut down your irrigation system when rainfall occurs, and reconnect when the soil has dried. Rain sensors are inexpensive and easily installed on any automatic irrigation system. Most rain shut-off devices are adjustable to allow a specific rainfall amount before your irrigation system is shut down.

Devices should be installed in a location that will allow it to receive full rainfall. It should be located at the roofline and close to the type of landscape it is controlling. Like other parts of your system, it should be checked regularly to ensure it is working properly.

Look for these features when choosing the best rain shut-off device.

- Adjustable mounting in a variety of ways
- Adjustable to shut-off depending on the depth of rainfall - .31 cm (1/8") to 2.5 cm (1")

Soil Moisture Sensors

Soil moisture sensors increase the water efficiency of irrigation systems by allowing them to operate only when irrigation is actually needed. Soil moisture sensors are placed beneath the soil surface at a specified depth to measure the amount of moisture in the soil. When the moisture level drops below a predetermined level, the controller is allowed to operate, watering your plants and turf.

Make sure you purchase a system that has a sensor and controller that can be programmed for individual needs and can be fitted to most electronic automatic irrigation controllers and adjustable to conform to CRD watering bylaws.



Do your part. 
Every drop counts!

CRD Water Services

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The content of this fact sheet was reviewed for accuracy by an irrigation professional and a landscape designer.

 50% post-consumer waste