WATERMARK - Soil Moisture Automation for Irrigation controllers

Watermark soil moisture automation works with the irrigation controller to allow water to be applied only when necessary. This advanced method of irrigation control provides good water conservation, while maintaining the health of the landscape. Applying just the right amount of water, no more than necessary and no less than required, to your turf and landscape.

FEATURES

- Irrigation control based on soil moisture using WS-200 sensor
- Adjustable moisture levels to allow for a broad range of plant/turf requirements
- Solid state electronics - weather proof seal
- Fits to existing irrigation controllers that have sensor connection
- No maintenance required
- No need to re-program controller for seasonal changes
- Reduce fertilizer leaching
- Protect groundwater supplies

WS-200 SENSOR

One concentric electrode sensor buried in granular matrix material, held in place by a stainless steel case. Matrix material provides buffering for the effect of salinity levels in soil.

- Unaffected by freezing temperatures, does not require removal during winter periods.
- Electrical resistance type sensor, 500 - 30 000 ohms resistance.
- Sensor manufactured from non-corrosive parts, 50mm x 21mm in dimension.
- Built for direct burial. Will not dissolve in soil.
- No sensor maintenance, no calibration needed.
- 1.5m cable lengths

OPERATION

Studies have proven that WATERMARK moisture control matches plant/turf need for water and regulates irrigation to this need. The Adjustability of the “switch” allows for finetuning the control to specific climates, plant materials and soils.

The WATERMARK ELECTRONIC MODULE allows irrigation only if water is needed. If the soil is drier than the adjustable setting, irrigation will take place. If the soil is wetter than the setting, that irrigation cycle will not occur. The WATERMARK ELECTRONIC MODULE eliminates the need to reprogram the time clock for seasonal changes or during rainy periods, hot spells or vacations.

WS1 switch must be connected to controllers sensor terminals (may be labeled rain sensor) Do not connect to the common wire

MODELS

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<td>Automatic sensor and switch for irrigation controllers</td>
<td>WS1</td>
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CONSULT LOCAL WATER CODES TO CHECK FOR WATERING DAY REGULATIONS