IRROMETER MULTIPLE HYDROZONE SYSTEM - MHS

Application:

The Multiple Hydrozone System (MHS) allows independent moisture control of valve groups when all valves share a common ground. The MHS interfaces with any 24 VAC irrigation controller for soil moisture automation. Valves are grouped together into hydrozones based on that location’s specific irrigation needs. As many as eight independent moisture sensing locations can be managed with sensors directly wired to the control panel. Each Hydrozone will interrupt the irrigation cycle based on plant’s demand for that location and can be independently programmed for the desired moisture level.

OPERATING PRINCIPLE: The Multiple Hydrozone System works in conjunction with a conventional 24volt AC irrigation controller and automates the programmed irrigation schedule based on soil moisture status. This control maximizes the irrigation system efficiency by allowing irrigation to occur only when the soil moisture is sufficiently depleted, providing for optimum plant health while conserving irrigation water.

Hydrozone is powered by controller’s 24VAC transformer and components are factory wired and mounted in a rainproof stainless steel locking enclosure (24cm x 31cm x 12.7cm).

Features:

- Easy to Install – new or retrofit
- Individual area moisture control – reads, reports, adjusts
- Multiple manual operation overrides
- No maintenance

Benefits:

- Saves money, water and energy
- Automatically reports watering history and irrigation water savings
- Data can be downloaded for analysis
- Support healthier turf and plant growth
- Reduces runoff

MODELS

<table>
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<tr>
<th>Watermark Multiple Hydrozone System (up to 16 stations)</th>
<th>MHS</th>
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<tr>
<td>Watermark MHS Expansion Board 16 stations (max 48 stations or 2 x MHS-EB)</td>
<td>MHS-EB</td>
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<td>Watermark Granular Probe (2 per hydrozone)</td>
<td>WS-200-5</td>
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