



OMNI 2000

Electrical Control System - Summary of Features

Rain Bird is pleased to announce the introduction of its latest generation in control systems for the water filtration industry. Designed to allow control not only of Rain Bird water filters, but other automatic self cleaning filters as well, the **OMNI 2000** controller allows the user complete flexibility in configuring the system while maintaining the simplicity and reliability our customers deservedly expect.

PCB & micro-processor based, the controller provides many useful features, including:

- Control of up to 10 filters per controller; and controllers can be interconnected to control an unlimited number of filters.
- Rinse cycle activation manually, by differential pressure, time cycle or volumetric flow
- Display of status, during rinse cycle and during normal operation. Includes D.P. status (ON or OFF) and time to next automatic rinse cycle based on timer.
- Ability to activate or prevent rinse cycles via external signal, e.g., level control systems, water treatment systems, remote operator interface, etc.
- Local and remote alarm indicators based on several factors, including an adjustable number of consecutive rinse cycles, external signals (e.g., low pressure switch), etc.
- Adjustable parameters include:
 - Duration of rinse cycle (per filter).
 - Duration of delay between successive filters.
 - Differential pressure switch delay.
 - Number of consecutive rinse cycles to activate alarm.
 - Duration of delay for external valve or pump actuation.
 - Timer to activate automatic rinse cycles.
 - Duration of delay on rinse cycle lockout Signal.
- Resettable counter to display number of rinse cycles activated by each of the four methods; manually, by timer, D.P. or volumetric flow.
- Manual pause of flushing cycle.
- Connections for control of external valves, pumps, etc. with adjustable delay prior to rinse cycle activation.
- Powered by either 120 or 240 VAC, 50-60 Hz, single phase (customer selectable).
- Improved operation with noise suppression circuitry that filters voltage transients.

The **OMNI 2000** is contained in a NEMA 4X fiberglass enclosure with hinged window cover. A factory preset differential pressure (D.P.) switch is pre-mounted to the base of the enclosure and pre-wired to eliminate the need for field wiring.



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