

Technical Specifications

8014ESR SOLORAIN™ PROGRAMMABLE ACTUATOR

FEATURES

- Fits Weathermatic 7900 Series valves and previously sold Signature turf valves
- Valve adapter kits available for other major manufacturers
- Long life factory installed 3.6V lithium battery. Actual battery life will depend on the number of cycles run per year, valve size, operating pressure, and temperature. The battery is replaceable and is available as a service part.
- LCD displays clock and programming
- Timed manual ON and OFF
- Length of watering time: 1 minute to 12 hours
- Six watering programs available per day
- Mist Cycle available on all 6 programs
- Days of the week, Odd/Even, and Interval scheduling
- Rain Delay is programmable from 1 to 99 days
- Leap year compatible-automatically includes Feb. 29th every four years
- Waterproof design tested to IP68, 6 ft (1.8m)

DIMENSIONS

5 1/2" W x 3 1/2" H
(14 cm x 9 cm)

ELECTRICAL

Factory Installed 3.6V Lithium Battery



Valve Adapter Kits for 8014ESR

- | MODEL | DESCRIPTION |
|---------------|--|
| • 77467-SSADP | All Hardie/Irritrol Valves;
Nelson Turf: 7937, 7987, 7938,
7988, 7904, 7914, 7925, 7927,
7928, 7937, 7938, 7987, 7988;
Toro: EZ Flow, TPV; K-Rain:
7001, 7200 |
| • 77468-SSADP | Rain Bird: PEB, DV, DVF, ASVF,
EFB, GB, PGA, PESB, BPE, BPES |
| • 77481-SSADP | All Weathermatic valves
(except 7900 series) |
| • 77516-SSADP | All Hunter Valves |
| • 77526-SSADP | Toro: 252 (1.5"-2"), 220 |

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PROGRAMMABLE ACTUATOR shall be self-contained, waterproof, programmable solenoid which operates from a single 3.6V factory installed lithium battery.

Two dials and “+”/ “-” toggle buttons on the top of the Programmable Actuator shall allow easy programming of the unit. The Programmable Actuator shall allow the user to set the current time, date and year into the actuator’s memory. Six programming choices shall provide watering every day of the week, true odd/even or 1-30 day watering interval. Watering shall begin on the minute and run 1 minute to 12 hours in duration. The sixth program shall also serve as a mist program. The delay and duration shall be a minimum of 30 seconds on/off and a maximum of 60 minutes on/off with a run time from 1 minute to 12 hours. The Programmable Actuator shall provide a 1-99 day Rain Delay function. The Programmable Actuator shall provide a manual timed, 10 minute default, operation and dedicated OFF function.

Programmable Actuator shall use a low power DC latching solenoid with a high quality, factory installed, replaceable lithium battery. The actuator shall operate at pressures up to 150 PSI and at operating temperatures from 32° to 140° F

Programmable Actuator shall be constructed of two components: the actuator body and the protective cover. The solenoid plunger and attached spring shall be constructed of solenoid grade stainless steel and shall be removable. A microprocessor chip shall be encapsulated into the solenoid body. The Programmable Actuator shall meet International Protection Standard Rating of IP68.

The Programmable Actuator shall have two rain sensor wires that can be hooked to any, normally closed, rain, freeze or wind sensor.

Actuator shall be manufactured by Weathermatic, Garland, Texas

WARRANTY: Actuator shall have a manufacturer’s limited warranty of two (2) years.