

SPECIFICATIONS

8014 SoloRain™ Programmable Actuator

The Programmable Actuator shall be self-contained, waterproof, programmable solenoid which operates from a single 3.6V factory installed lithium battery. Model 8015 and 8015E are complete systems on Nelson 7901 and 7916(BSP) valves, respectively. Model 8014 is a one piece design that installs directly onto any Nelson valve. For Irritrol, Rain Bird and Weathermatic Valves the 77467 (Irritrol), 77468 (Rain Bird) and 77481 (Weathermatic) brass adapters must be used.

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.

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

The 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. The Programmable Actuator shall be submersible up to six feet of water. A micro processor chip shall be encapsulated into the solenoid body.

The Programmable Actuator shall have a two year warranty. The actuator shall be manufactured by L.R. Nelson Corporation, Peoria, Illinois.