

The Nelson logo features the word "NELSON" in a bold, black, sans-serif font. The letter "O" is stylized with a circular graphic element consisting of several parallel lines radiating from the center, resembling a sun or a water droplet. A registered trademark symbol (®) is located to the right of the "N".

SOLORAIN™ Wireless Control Equipment

Nelson's gone wireless - with the SoloRain™ family of wireless control equipment. With the SoloRain family, Nelson provides battery-powered irrigation products delivering precise, reliable control without conventional wiring. In addition, SoloRain actuators are completely waterproof for total confidence and dependability. Nelson's newest addition, the 8014 Duralife™ Valve Actuator, offers years of service via the factory installed long-life lithium battery.

Ideal applications include hard-to-reach areas and spots where it is not practical or economical to install a hard-wired controller.

It is also suited to the retrofit of manual systems or the repair of existing wired systems.

Programmable Actuators

- 8010:** Programmable Actuator
- 8012:** Programmable Actuator with 1" (7901/7916) valve
- 8014:** Duralife™ Valve Actuator
- 8015:** Duralife™ Valve Actuator with 1" (7901/7916) valve

Refer to 999-03026 and 999-03027 for additional information on other SoloRain products, to include: On-valve actuators, Hand-held programming consoles and Radio units.

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PROGRAMMABLE Actuators

features

8010 series

Overall Dimensions 4½"H x 2¾"W x 1¾"D (8010)
7"H x 4"W x 2¾"D (8012/8029)

Electrical One 9V Energizer® alkaline battery (not included)

8014 series

Overall Dimensions 5"H x 3½"Dia (8014)
7½"H x 4"W x 3½"D (8015)

Electrical Factory installed 3.6 v size AA lithium battery



LCD displays clock and programming

8010/8012

Stand-alone unit includes 3 dials

for easy programming



Waterproof design in both the programmable actuator and the battery compartment - proper installation allows unit to be completely submersible in up to six feet of water

Solenoid and battery compartment are compact and made of durable nylon with protective cover included

Operates on a single 9 volt alkaline battery for one year (*Energizer® alkaline recommended/not included*)

Latching solenoid design for minimal electrical consumption

Resistant to the hazards of lightning and power surges commonly seen in AC systems

Compatible with most valves

via adapters

Programmable clock for real time operation

Automatic watering up to two times per day

Watering times from one minute to 5½ hours

Manual ON/OFF

Two-year warranty on materials and workmanship

8014/8015 DuraLife™

Long life factory installed lithium battery. The 8014 is designed to operate on the factory installed battery for up to 10 years of normal use on a Nelson valve. Actual battery life will depend on the number of cycles run per year and temperature. The battery is replaceable and is available as a service part.

Latching solenoid design for minimal electrical consumption

Resistant to the hazards of lightning and power surges commonly seen in AC systems

Programmable clock for real time operation

Nelson exclusive Select&Adjust™ programming makes programming fast and easy

Timed manual on and off

Length of watering time: 1 minute to 12 hours

6 watering programs available per day

Mist cycle available on Program 6 (for frequent starts in a 12 hour period)

Days of week, Odd/Even, and Interval scheduling per program

Rain delay is programmable from 1 to 99 days

Leap year compatible - automatically includes February 29th every four years

Waterproof design is submersible in up to 6 feet of water

Adapters available for use on a wide variety of brand name valves (*sold separately*)

Two-year warranty on materials and workmanship

8010 ADAPTERS

Nelson adapter (sold with Model 8010)

compatible with Nelson's NE adapter:

7901 / 7916(BSP)	7911 / 7917(BSP)
7931	7941
7951 / 7971(BSP)	7952 / 7972(BSP)
7953 / 7973(BSP)	
7981 / 7991(BSP)**	7982 / 7992(BSP)**

*Hardie adapter: Model 77422**

Hardie 100, 700, 2400	Hardie 623 DPR**
Irritrol 216	Superior 950, 800
Hilt 510	Bermad 1"
Buckner 20021, 20321	Dorot 1"
Griswold 1"	Galcon 1"
Richdel 205TF, 711APR, 713 APR	

*Toro adapter: Model 77423**

Toro Flo-pro

*Rainbird adapter: Model 77424**

Rainbird PEB, DV, DVF, ASVF, EFB-CP, GB, PGA

* Sold separately ** No adapter required for these valves

8014 ADAPTERS*

Model 77467

ALL IRRITROL VALVES

NELSON:

7937/7987 (BSP) 7938/7988 (BSP)

Model 77468

Rainbird:

PEB, DV, DVF, ASVF, EFB-CP, GB, PGA, PESB, BPE, BPES

Model 77481

Weathermatic:

ALL WEATHERMATIC VALVES

* No adapter required for current Nelson valves except those listed above