

NELSON®



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.

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.

Remote Programmable Actuators

- 8030:** Remote Programmable Actuator
- 8032:** Remote Programmable Actuator with 1" (7901/7916) valve
- 8051:** 1 zone PG Multi-station Actuator
- 8052:** 2 zone PG Multi-station Actuator
- 8054:** 4 zone PG Multi-station Actuator
- 8056:** 6 zone PG Multi-station Actuator
- 8070:** Programmer console (with carrying case)
- 8071:** Programmer Plus console (with carrying case)

Refer to 999-03025 and 999-03027 for additional information on other SoloRain products, to include on-valve actuators, hand-held programming consoles and radio units.

SoloRain™

REMOTE PROGRAMMABLE **Actuators**

Features

8030 series

Overall Dimensions 4½"H x 2¾"W x 1¾"D (8030)
7"H x 4"W x 2¾"D (8032)
Electrical One 9V Energizer® alkaline battery (not included)

8050 series

Overall Dimensions 5"H x 2¾"Dia
Electrical One 9V Energizer® alkaline battery (not included)
Solenoid One 8090 DC solenoid required per valve

8070 series

Overall Dimensions 9⅞"H x 5¼"W x 1¼"
Electrical One 9V Energizer® alkaline battery

8030 Series

Programming interface through cord connection to the model 8070, 8071 or 8081
Programmer control consoles

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

Latching solenoid design for minimal electrical consumption

Compatible with most valves

via adapters

Adapters for 8030 series & 8090 solenoid

Sold with Nelson adapter

compatible with Nelson's NE adapter:

7901 / 7916(BSP)	7911 / 7917(BSP)
7931	7941
7951 / 7971(BSP)	7952 / 7972(BSP)
7953 / 7973(BSP)	
7937 / 7987(BSP)**	7938 / 7988(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

8070/8071

Independent programming of an unlimited number of 8030 or 8050 series actuators

8070: Independent programming of each station (8030 or 8050 series)

Up to 8 (8070) or 16 (8071) irrigation start times per actuator

7-day (8070) or 14-day (8071) programming calendar

Built-in memory allows storage of up to 36 different irrigation programs (8071)

Downloadable transfer of programs individually or to a group of actuators (8071)

Memory is retained for two minutes during battery change (8071)

Icon programming (8070)

Four line LCD display for easy menu guided programming (8071)

User can choose between five languages for operation (8071)

Easy to program with large LCD display and simplified four button keypad with audio "beep" response

Impact-resistant plastic housing and protective carrying jacket included

Operates on one 9 volt alkaline battery

Manual START and STOP function
Programmable 12 or 24-hour clock with synchronizing function

Watering times from one minute to 24 hours in one minute increments

Program review

Rain ON/Off capability

Two-year warranty on materials and workmanship

Program stored during battery change up to two minutes

Quick and easy to install

Programs up to eight (8070) or 16 (8071,8081) cycles per day

7-day (8070) or 14-day (8071,8081) programming calendar

Watering from one minute to 24 hours

Rain ON/OFF capability

Two-year warranty on materials and workmanship

8050 Series

Programming interface through cord connection to the model 8070, 8071 or 8081
Programmer control consoles

Available in 1, 2, 4 or 6 zones (one 8090 solenoid required per zone)

Waterproof - submersible in up to six feet of water

No AC wiring protects against damage from lightning and power surges

Compatible with most valves

via adapters

Program stored during battery change up to two minutes

7-day (8070) or 14-day (8071,8081) programming calendar

Watering times from one minute to 24 hours

Use with the 8094 Rain Sensor for maximum control

Use with 8095 Pump Relay for pump start control (uses one zone)

Manual ON and OFF

Rain ON/OFF capability

Two-year warranty on materials and workmanship