

GLOBAL MARKETING BULLETIN

PRODUCT	SoloRain® 8014 Battery Operated Actuator/Controllers
SUBJECT	Product feature upgrade
RELEASE DATE	August , 2014
GMB NUMBER	2014.08
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SUMMARY

Over the past several years, the SoloRain® 8014 battery operated controller has been upgraded and updated. We are pleased to provide a summation of these new and additional features, upgrades and product improvements.

- **Technology upgrade;** micro-controller upgrade to the latest miniaturized semiconductor technology and software code-base.
- **Waterproofing of LCD;** added a seal to the LCD aperture, to seal against moisture encroachment beneath the front label.
- **Waterproofing of Electronic Module;** epoxy encapsulated design improves protection of electronic circuitry from water penetration and handling damage.
- **Battery Life;** improved battery handling technology delivering longer battery life.
- **New Battery Source;** new design allows a broader array of compatible batteries to be used and lowers dependence on single-source battery.
- **Increased Programs;** improved software now allows for six (6) cycle/soak (mist) programs.
- **Smart Battery Icon;** A more descriptive battery icon indicating real-time battery condition instead of battery. Simple to read ... "Flashing" icon indicates battery is showing signs of depletion and "Solid" icon indicates when battery is low.
- **Upgrading the Electronic Module in the Field;** the new module allows for retrofitting 100% of all previously sold 8014's with the new & updated module.
- **Over the Counter Repairs;** simple module replacement supports quick & easy over the counter technical support.
- **USA Made;** not only USA Made but TOTALLY manufactured in our own factory in Peoria, IL. Solenoid & coil winding, molding and over molding process all done in-house.

Approved for GMB Release by:



Brian Smith
President & CEO
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SoloRain® 8014 Series



Controllers • Central Controls / SCS Share • Rotors • Sprays • Impacts • Valves • Sensors • Hose End

SIGNATURE CONTROL SYSTEMS, INC.

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BATTERY OPERATED CONTROLLERS

SoloRain[®]

8014

DuraLife[®] Valve Actuator

8014SR

DuraLife[®] Valve Actuator with Sensor Ready

8013E

DuraLife[®] Valve Actuator with 1" (25,4 mm) 9003 valve

8015 (8015E)

DuraLife[®] Valve Actuator with 1" (25,4 mm) 7901/7916 valve

8016E

DuraLife[®] Valve Actuator with 1" (25,4 mm) 9501 valve



SPECIFICATIONS

DIMENSIONS (H X W X D)

8014, 8014SR: 5½" (14 cm) x 3½" (9 cm)
 8013E: 7¾" (18,8 cm) x 5" (12,7 cm) x 3" (7,6 cm)
 8015, 8015E: 7½" (19 cm) x 4" (10,2 cm) x 3½" (8,9 cm)
 8016E: 8½" (20,6 cm) x 5½" (14 cm) x 3½" (9 cm)

ELECTRICAL:

Factory installed 3.6 V Lithium Battery

FEATURES

SoloRain[®]

8014 Series:

- FITS ALL SIGNATURE[®] TURF VALVES
- Long life factory installed 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)

8014SR

- Two wires on the "SR" version allows any normally open/normally closed sensor to be hooked up to it (switch has to be closed for the 8014 to operate). Sensors can be up to 25 ft (7,5 m) away.

VALVE COMPATIBILITY CHART

SoloRain[®] 8014 and 8020 DC ADAPTERS* Model 77467

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, 7200

Model 77468

RAINBIRD:
 PEB, DV, DVF, ASVF, EFB, GB, PGA, PESB, BPE, BPES

Model 77481

WEATHERMATIC:
 ALL WEATHERMATIC VALVES

Model 77516

HUNTER:
 ALL HUNTER VALVES

Model 77526

TORO:
 252 (1.5" -2"), 220

* Sold separately. No adapter required on the following Signature Valves:
 7901, 7911, 7916, 7917, 9001, 9002, 9003, 9011, 9012, 9013, 9501,
 9501FC, 9502, 9515BC, 9515NC, 9520BC, 9520NC.
 This is a partial list; please contact Signature for further details.

* Battery life will vary depending on environmental conditions.
 Test results have shown 2 - 3 years of battery life

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