

BATTERY OPERATED CONTROLLERS

SoloRain[®] Controllers

8024C

4 zone controller only

8020DC

Latching Solenoid
(12 VDC 7/8" - 24 threads)

8090DC

Latching Solenoid
(9VDC 3/4" - 20 threads)

Accessories

8020P

8020 Series Mounting Plate

8020S

8020 Series Mounting Stake

8020GC

8020 Series Waterproof Connectors



8020S



8020P



8020GC



8020DC



8090DC

SPECIFICATIONS

DIMENSIONS (H X W X D)

4 1/4" (10,8 cm) x 3 1/4" (8,25 cm)

ELECTRICAL:

Two AA Alkaline Batteries (not included)



VALVE COMPATIBILITY CHART

8010/8030/8090DC Adapter Kit #77440:

SIGNATURE 9001,9003,9002,9011,9013,9012,
7901,7916,7917,1,791,7,9501,9501FC,
9502,9515NC,9520NC,9515BC,9520BC,

Adapter Kit #77422:

TORO:	252 (1.5" - 2"), 220	BERMAD	1"
IRRITROL:	2400, 2600, 2500, 2700,	DOROT	1"
311, 2623, 300, 700, 100,		GALCON	1"
216, 623DPR		GRISWOLD	1"
K-RAIN	7001, 7200		

Adapter Kit #77423:

TORO: EZ FLOW, TPV

Adapter Kit #77424:

RAIN BIRD:
DV, DV, ASVF, JT, JT, FGA, PEB, PESB, GBR, EFB, BPE, BPES

Used without an adapter kit:

HIT: 100, 200, 300, 500, 800, 8400

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, DV, 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

FEATURES

SoloRain[®] 8024 Series:

- FITS ALL SIGNATURE[®] TURF VALVES
- Available in 4 zone
- Three start times per program (9 total start times)
- Three independent programs
- Length of programmable watering time (1 min to 3hr 59min per zone)
- Four scheduling options to suit the need of plant material or to comply with watering restrictions (days of the week, 1-30 day interval, true odd/even)
- Leap year compatible (automatically includes February 29th)
- 0-200% Water budget programming
- Three test cycles (manual open, cycle, and 3min test)
- Color coded label, wires make wiring /zone identification quick and easy!
- Can have up to 250 ft (76 m) of 18 AWG direct burial wire between the solenoid and the 8024 Series Controller (Must use Waterproof design connectors for splice or your warranty is void) waterproof design tested to IP68, 6 ft (1,8m).
- Long life battery*
- Operates RainBird[®] & Hunter[®] DC latching Solenoids (makes for an easy controller replacement)

SIGNATURE CONTROL SYSTEMS, INC.

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