

HYDRO-RAIN®

Built for Speed™

HRC 900

Setting a new standard in battery operated controllers, the HRC 900 is the answer to those difficult situations when running wires is not an option or a choice. HRC 900 is tough enough to live in a below ground, valve box environment while providing years of no hassle, reliable service. Never before has there been a product that is designed to stand up to such a rugged environment and yet be so easy to use. HRC 900's plug-in controller programming pod allows you the luxury of removing the pod from its water tight housing for the convenience of finger tip, out-of-the-valve-box programming. The best part is "NO WIRING REQUIRED." Installation is fast and easy—just plug and go. Add up to four valves, a rain/freeze sensor, and/or solar power module, all without the use of tools and without the hassle.

FEATURES AND BENEFITS

- **Battery Powered**—Wire-free installation provides convenience and speed
- **Two Independent Programs (A and B)**—Programming flexibility previously only available in larger, AC system controllers
- **Modular**—Base unit HRC 900 accepts up to 4 solenoid modules. One solenoid is included with base unit, additional solenoids sold separately
- **Out of The Box Programming**—Removable battery-powered programming pod allows programming where and when it's convenient
- **Water Budgeting**—Saves water by adjusting the watering durations (20% to 200%)
- **Rain Delay**—Postpones regular watering schedule for up to seven days and resumes automatic watering when set time has passed
- **Submersible**—Functions properly submersed up to 4'
- **Rain/Freeze Sensor Ready**—Saves water automatically at preset precipitation
- **Solar Power**—Bypasses the battery power for up to 10 years of continuous use
- **High Environmental Tolerance**—Operates effectively from +32°F to 167°F (0°C to +75°C) (Do not leave immersed in water at freezing temperatures)



*Valve sold separately.

MODELS

HRC-900-04-01	1 to 4 Station Controller	1 Solenoid Module
HRC-900-SD-MD	1 Solenoid Module	
HRC-900-RX-MD	Rain/Freeze Sensor Module	
HRC-900-SP-MD	Solar Panel Module	
HRJ-100-FF	1" Irrigation Valve	

HOW TO SPECIFY

HRC 900 -04 -01-RX-SP

MODEL	VALVE CAPABILITY	OPTIONS
HRC 900	Four	One Solenoid, Rain Sensor, Solar



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OPERATING SPECIFICATIONS

HRC 900 (Controller)

- Station Timing: 0–240 minutes (in 1-minute increments); 0–480 minutes with water budgeting
- Automatic Starts: 3 per day for each program (6 per day when using dual program capability)
- Programming Schedule: 2nd, 3rd, or interval (1–32 days), or cycle by day (Monday through Sunday)
- Water Budgeting: 20%–200% in 10% increments;
- Rain Delay: Programmable from 1–7 days
- Dimensions:
 - Height: 2 3/8" (6.0329 cm)
 - Width: 3 1/2" (8.89 cm)

ENVIRONMENTAL SPECIFICATION

IP-68 Rated (Withstands long periods of immersion 4' under water)

HRC-900-RX-MD (Rain/Freeze Sensor Module)

- Precipitation Level Adjustment: 1/8", 1/4", 1/2", 3/4" and 1" settings (3mm to 25mm).
- Fixed freeze setting: 37° +/- 0.2° (3°C +/- 0.5° C)

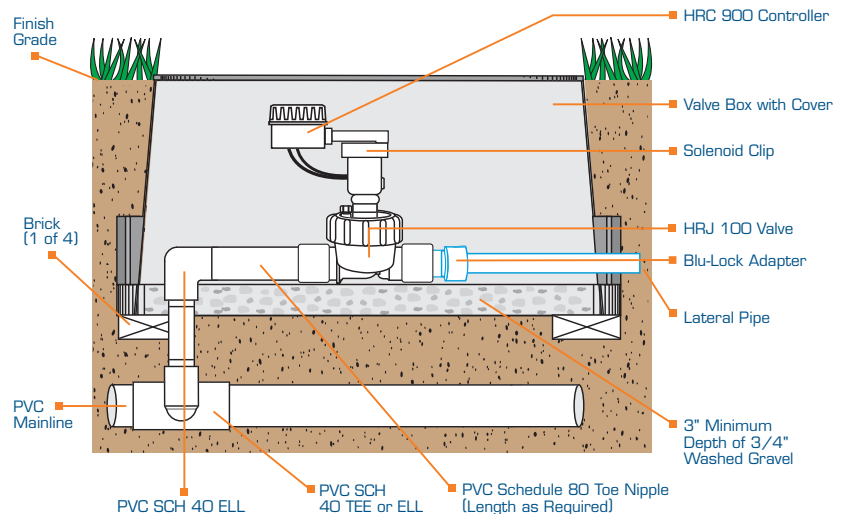
HRC-900-SD-MD (Solenoid Module)

- Max Pressure: 150 PSI
- Interchangeable: Use on Hydro-Rain models HRJ 100 and HRZ 100 with HRC 900 Controller.

ELECTRICAL SPECIFICATIONS:

- Battery Power: 3 AA (included)
- Solenoid: 13V DC Latching

INSTALLATION SPECIFICATION DETAIL



RAIN/FREEZE SENSOR & SOLAR MODULES



BUILT FOR SPEED FEATURE

- Unique water tight plug in system requires no splices or wire connectors

