

RAIN/FREEZE SENSOR

WIRELESS RAINSENSOR™ SERIES



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Taking water conservation to the next level, Irritrol Systems' proven RainSensor™ Series makes watering in the rain a mistake of the past. Our reliable new wireless RainSensor Series conserves water by preventing irrigation during or after sufficient rainfall, while the freeze sensor helps reduce vegetation damage and icing conditions.

The new RainSensor Series rain and rain/freeze sensors are designed to suspend irrigation during rainfall or when the temperature drops below a predetermined set point (rain/freeze sensor only). All sensors are easy to install and work with virtually all AC-powered automatic irrigation systems.

This popular new accessory has adjustable shut-off points from 1/8" to 1" of accumulated rainfall and offers a transmission range of over 300 feet (wireless model) providing a variety of installation options.

RainSensor Series—water conservation made simple.

Irritrol[®]
SYSTEMS

WIRELESS RAINSENSOR™ SERIES

Features

RS1000/RFS1000—Wireless

- Enhanced communication and signal link integrity features
- Constant transmitter power (range) over entire battery life (an Irritrol Systems-only feature!)
- Fully adjustable shutoff points from 1/8" to 1" (3-25mm) of accumulated rainfall
- Compatible with nearly all controllers
- Over 300-foot (91.4m) transmission range offers virtually limitless installation options
- Easy, versatile one-piece mounting requires no special tools. Quick-Clip™ gutter bracket included
- Visual sensor status and alert indicators verify consistent operation
- Signal strength indicator ensures correct installation, communication link and signal integrity
- Smart Bypass™ for easy system override—sensor switches back automatically on next activation
- Slide/snap-on cover protects receiver from the elements
- Five-year battery life (typical)
- Wireless
- Three-year warranty



RFS1000—Wireless (Rain/Freeze)

- Rain and freeze sensors fully integrated into one unit
- Digital, highly accurate 41°F (5°C) activation point
- Wireless

RS500 (Hard-wired model)

- Fully adjustable shutoff points from 1/8" to 1" (3-25mm) of accumulated rainfall
- Compatible with virtually all A.C.-powered controllers
- 25' (7.6m) cable (white, UV-resistant, UL-rated) provides installation flexibility
- Five-year warranty



Operating Specifications

- Sensor type: industry-standard hygroscopic discs
- Rain sensitivity: adjustable nominal 1/8" to 1" (3-25mm)
- Operating temperature: -20°F to 120°F (-29°C to 49°C)
- Housing material: UV-resistant engineered polymer
- Wireless only features:
 - Transmission range: Over 300' (91.4m) line of sight
 - Battery: Two CR2032 3 V cells, 5-year life (typical)

Electrical Specifications

- Receiver power: 22-28 V ac/V dc, 100mA (to be used with Class 2, UL-approved transformer)
- Load rating: normally open or normally closed, 3A @ 24 V ac
- UL Listed

Specifying Information

Model	Sensor Type	Wireless
RS1000	Rain	Yes
RFS1000	Rain/Freeze	Yes
RS500	Rain	No

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BEYOND THE EXPECTED

5825 Jasmine Street, Riverside, CA 92504-1183
909/785-3140 Fax 909/785-3325
www.irritrolsystems.com