

RAIN and RAIN/FREEZE SENSOR

RAINSENSOR™ SERIES

CONTROLLERS

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**NEW**  
COMPACT  
TRANSMITTER  
DESIGN!



Taking water conservation to the next level, Irritrol's proven RainSensor™ Series makes watering in the rain a mistake of the past. The reliable wireless and wired rain sensors conserve water by preventing irrigation during or after sufficient rainfall, while the wireless rain/freeze sensor also helps reduce vegetation damage and icing conditions.

With its new compact design and host of convenient features, the 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 any AC-powered automatic irrigation system.

This popular accessory has adjustable shutoff points from 1/8" to 3/4" of accumulated rainfall and offers a transmission range of more than 300 feet (wireless models), providing a variety of installation options.

RainSensor Series from Irritrol—water conservation made simple.

**Irritrol®**

# RAIN SENSOR™ SERIES

## CONTROLLERS

### Features

#### RS1000/RFS1000—Wireless

- Enhanced communication and signal link integrity features
- Constant transmitter power (range) over entire battery life (an Irritrol-only feature!)
- Fully adjustable shutoff points from 1/8" to 3/4" (3-19mm) of accumulated rainfall
- Vent ring that allows adjustments for ideal dry-out rate based on installation location and soil conditions—**New!**
- 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 and New 1/2" conduit adapter 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
- Thumb-release access lever for easy battery replacement—**New!**
- Slide/snap-on cover protects receiver from the elements
- Five-year battery life (typical)
- 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

#### RS500—Wired

- Fully adjustable shutoff points from 1/8" to 3/4" (3-19mm) of accumulated rainfall
- Vent ring that allows adjustments for ideal dry-out rate based on installation location and soil conditions
- Compatible with virtually all A.C.-powered controllers
- Thumb-release access lever for easy normally open conversion—**New!**
- 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 3/4" (3-19mm)
- 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	Connection
RS1000	Rain	Wireless
RFS1000	Rain/Freeze	Wireless
RS500	Rain	Wired

**Irritrol®**

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