RAINSENSOR RAIN AND FREEZE SENSORS

WIRED/WIRELESS



Taking water management 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 when the temperature drops below a predetermined set point. With its compact design and host of convenient features, the RainSensor Series is the perfect compliment to any standard controller.

KEY FEATURES & BENEFITS

WIRELESS MODELS

Require less labor for the installer

CONSTANT COMMUNICATION BETWEEN TRANSMITTER AND RECEIVER

Assures that even after a controller power outage, the controller is continually updated with the sensor's "wet" or "dry" status

VERSATILE MOUNTING OPTIONS

Requires no special tools — Quick-Clip TM gutter bracket and $1\!\!/\!\!2''$ conduit adapter included

SIGNAL STRENGTH INDICATOR

Ensures correct installation, communication link and signal integrity (wireless models)

SMART BYPASS™ FOR EASY SYSTEM OVERRIDE

Allows for temporary deactivation while automatically resetting on next activation (wireless models)

FULLY ADJUSTABLE SHUTOFF POINTS

From ¹/₈" to ³/₄" of accumulated rainfall

DRY-OUT RATE ADJUSTMENT FOR RESET DELAY

Allows for setting the ideal dryout time

PATENTED WIRELESS TECHNOLOGY

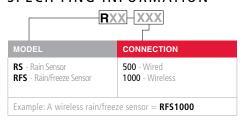
Unsurpassed by the competition



SUPERIOR PATENTED WIRELESS TECHNOLOGY



SPECIFYING INFORMATION



ADDED FEATURES

RS1000/RFS1000

- Compatible with nearly all controllers
- Visual sensor status and alert indicators verify consistent operation
- Slide/snap-on cover provides additional protection to weather-proof receiver from the elements
- Power failure memory protection
- Three-year warranty

- Rain and freeze sensors fully integrated into one unit
- Highly accurate 41°F digital activation point

- Compatible with virtually all controllers
- 25-foot cable (UV-resistant, white jacket included) provides installation flexibility
- Easy, tool-free conversion to normally open operation
- Five-year warranty

OPERATING SPECIFICATIONS

- Sensor type: industry-standard hygroscopic discs
- Rain sensitivity: adjustable nominal 1/8" to 3/4"
- Operating temperature: -20°F to 120°F
- Housing material: UV-resistant engineered polymer
- Wireless only features:
- Transmission range: over 300 feet line-of-sight
- Battery: Two CR2032 3V 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, FCC, CE, IC

MODELS

Model	Description
RS1000	Wireless rain sensor
RFS1000	Wireless rain/freeze senso
RS500	Wired rain sensor

DIMENSIONS

- Transmitter: H: 1 ¹/₂", W: 1 ³/₄", D: 3 ³/₄"
- Receiver: H: 1 ¹/₂", W: 1", D: 3"

OPTIONAL ACCESSORIES

- RS1000-RX rain receiver for multiple controllers
- RFS1000-RX rain/freeze receiver for multiple controllers
- RSCAP cap/disk/spindle assembly
- RSBATT-TX battery pack (includes 2 batteries)