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 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 \( \frac{1}{8} \)’’ to \( \frac{3}{4} \)’’ of accumulated rainfall and offers a transmission range of more than 300 feet (wireless models), providing a variety of installation options. Irritrol. Get more done.
**ADDED FEATURES**

**RS1000/RFS1000**
- Compatible with nearly all controllers
- Over 300-foot (91,4m) line-of-sight transmission range offers virtually limitless installation options
- 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
- Easy, tool-free battery replacement
- Five-year battery life (typical)
- Three-year warranty

**RFS1000**
- Rain and freeze sensors fully integrated into one unit
- Highly accurate 41°F (5°C) digital activation point

**RS500**
- Compatible with virtually all controllers
- 25-foot (7,6m) 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 ¾" (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 feet (91,4m) line of sight
  - Battery: Two CR2032 3V cells, 5-year life (typical)

**ELECTRICAL SPECIFICATIONS**
- Receiver power: 22-28 VAC/VDC, 100mA (to be used with Class 2, UL-approved (transformer)
- Load rating: normally open or normally closed — 3A @ 24 VAC
- UL Listed, FCC, CE, IC

**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)

**SPECIFYING INFORMATION**

**MODEL**
- RS1000
- RFS1000
- RS500

**SENSOR TYPE**
- RAIN
- RAINFREEZE
- RAIN

**CONNECTION**
- WIRELESS
- WIRED

**DIMENSIONS**

<table>
<thead>
<tr>
<th></th>
<th>Transmitter</th>
<th>Receiver</th>
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<tbody>
<tr>
<td><strong>H</strong></td>
<td>1 ½&quot; (3,8cm)</td>
<td>1 ½&quot; (3,8cm)</td>
</tr>
<tr>
<td><strong>W</strong></td>
<td>1 ¾&quot; (4,4cm)</td>
<td>1&quot; (2,5cm)</td>
</tr>
<tr>
<td><strong>D</strong></td>
<td>3 ¼&quot;9,5cm)</td>
<td>3&quot; (7,6mm)</td>
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