TECHNICAL SUBMITTAL DATA SHEET
Wireless, App-Based Plumbing Leak Detection System

MODEL RSC-900-W

TYPICAL INSTALLATIONS INCLUDE:
• Common-risk housing – condos and apartments
• Commercial office suites
• New and retrofit construction
• Vacation homes and other unattended properties

HIGHLY RECOMMENDED FOR:
• Multi-unit residential complexes
• Commercial office buildings
• Medical and assisted living facilities
• Any facility with a history of insurance claims for water damage

FEATURES:
• Mobile app provides automatic notifications and remote user interface
• Addressable sensors with high/low temperature alerts
• Operates via wireless system network; does not use local Wi-Fi
• Cloud-based Central Monitoring Station access is available for commercial multi-unit applications
• Hub supports up to 29 total wireless devices
• System is scalable – add an automatic shut-off valve and actuator at any time

APPLICATION CONSIDERATIONS:
The RSC-900-W is a complete wireless, app-based system for managing indoor plumbing leaks, protecting properties and reducing financial losses. If the sensor detects a leak, it sends its location and the alarm type back to the hub. The hub sends notifications to the user via the app. Fault notifications and status check-ins are communicated through the app from any Internet-enabled device. The system is also available with a shut-off valve and actuator for applications where interrupting the water flow is either required or desirable.

INSTALLATION OVERVIEW:
Hub: Install within 5’ of the Internet router and a 120V AC wall outlet.
Water Flood Sensors: Install within 200’ of the hub*, in areas where water from a leak is most likely to first accumulate.

* Repeater(s) may be used to extend range between hub and accessory (+200’ max.).
App: Free download available for iOS or Android smart phones at the App Store or Google Play. Required for initial system installation and set-up.
Central Monitoring: Optional cloud-based central monitoring allows multiple system viewing from one screen. Contact RDT for additional information – 888-771-4929 or info@reliancedetection.com.

⚠️ Hub and sensors are for interior use only. Do not install any components inside a metal cabinet.
RSC-900-W TECHNICAL SUBMITTAL DATA SHEET

ORDERING INFORMATION:

<table>
<thead>
<tr>
<th>Valve Size</th>
<th>P/N</th>
<th>UPC</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>RSC-900-W</td>
<td>811475030177</td>
</tr>
</tbody>
</table>

OPERATING SPECIFICATIONS:
See charts at right for further detail.

Sensor
Audible Alarm ..........83 dB

CABLE LENGTHS:
Hub Power Cord .. 5’
Ethernet Cable..... 4’

APPROVALS:
RSC-900 Wireless System FCC & Industry Canada Info
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RSC-900-W Wireless System FCC & Industry Canada Info

Available accessories:

- Extra Wireless Water Flood Sensors (RSC-900-W-001)
- Wireless Rope-Style Water Sensor Kit (RSC-900-W-175)
- Wireless Signal Repeater (RSC-900-X-200) – Max. 2 per system
- Wireless Actuator & Valve (RSC-900-W-310-X)

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight*</th>
<th>Power Supply</th>
<th>Backup Battery</th>
<th>Primary Radio Frequency</th>
<th>Operating Temperature</th>
<th>Communication</th>
<th>Signal Range</th>
<th>Addressable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication Hub</td>
<td>6 oz (170 gm)</td>
<td>External Adapter Input 110-240V AC</td>
<td>(2) AA batteries</td>
<td>915 MHz</td>
<td>-4°F to 122°F (-20°C to 50°C)</td>
<td>Wi-Fi, Ethernet</td>
<td>200’</td>
<td>Yes</td>
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<tr>
<td>Wireless Sensor</td>
<td>2 oz (57 gm)</td>
<td>(2) AAA batteries 2-year life</td>
<td>N/A</td>
<td>915 MHz</td>
<td>-4°F to 122°F (-20°C to 50°C)</td>
<td>Wireless RF</td>
<td>200’</td>
<td>Yes</td>
</tr>
</tbody>
</table>

* Weight without accessories attached.

Communication Hub: IP Rating IEC60529