TECHNICAL SUBMITTAL DATA SHEET
Water Leak Detection & Alarm System

MODEL RS-096

TYPICAL INSTALLATIONS INCLUDE:
• Drains and pipes that are prone to leaking or freezing
• Water-fed appliances such as dishwashers, washing machines and water heaters
• Sump pumps
• Tubs
• Table-top containers and beakers
• Sinks

HIGHLY RECOMMENDED FOR:
• Commercial buildings
• Basements
• Above/near data processing rooms
• Medical facilities and labs
• Any facility with a history of insurance claims for water damage

FEATURES:
• Reusable and testable
• Easy reset button
• Plugs into a standard 120V AC outlet
• Audible alarm (83 dB)
• N/O and N/C dry contacts
• Factory pre-wired

MODIFIED KIT CONFIGURATIONS:
RS-096-MK6 Plenum-Rated Kit – Features plenum-rated wires and step-down transformer (120, 208, 240V AC to 24V AC) with mounting plate in lieu of standard wall wart. Please see the RS-096-MK6 installation manual for detailed installation instructions.

APPLICATION CONSIDERATIONS:
The RS-096 alarm system is designed to detect and notify you of leaks from water-fed appliances, plumbing fixtures and tanks/containers. When the water sensor comes in contact with just 1/16” of any non-flammable conductive liquid (such as water), an alarm sounds. Optional dry contact connections (NO/C/NC) can also be used for fault notification to existing security panel or BMS.

INSTALLATION OVERVIEW:
The receiver box plugs into a standard 120V AC wall outlet. A sensor is placed in an area where water is likely to accumulate. Up to 5 additional sensors can be added for a wider area of leak detection. Components come pre-wired.

The system can be performance tested anytime; it is resettable via reset button on the receiver box.
RS-096  TECHNICAL SUBMITTAL DATA SHEET

ORDERING INFORMATION:

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<tr>
<th>Valve Size</th>
<th>P/N</th>
<th>UPC</th>
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OPERATING SPECIFICATIONS:

Receiver Box
Transformer ..............120V AC
Voltage ....................24V AC
Absorbed Current ........0.6 A
Absorbed Power ..........15V A
Frequency .................50/60 Hz
Working Temp. ...........0° to 100°F
Square Drive ............0.43
Audible Alarm ..........83 dB

MATERIALS:
Receiver Box & Sensor
Body ....................High-performance engineered polymer

CABLE LENGTHS:
Power Cord ...............12’
Sensor Cable ...........8’ (custom lengths avail.)

AVAILABLE ACCESSORIES:
• Wired Sensor Pucks – Up to 5 additional sensors can be wired to a single receiver box for multi-unit monitoring, with 8’, 25’, 50’ and 100’ cable lengths available. P/N RSA-100-008; -025; -050; -100
• Sensing Rope Kit – Ideal for use with low tanks, or for room perimeter and sub-floor leak detection applications. P/N RSA-175-810
• Auto Dialer – Receive automatic phone alerts whenever the system identifies a fault condition. P/N RSA-600-003

RS-096-MK6 MODIFIED KIT:
Modified kit RS-096-MK6 includes plenum-rated wires and a step-down transformer (120, 208, 240V AC to 24V AC) with mounting plate in lieu of the standard plug-in wall wart.

RDT recommends that installations be completed by a licensed plumber to ensure that all local code requirements are followed.