



TECHNICAL SUBMITTAL DATA SHEET

Water Leak Detection & Alarm System

Job Name: _____

Job Location: _____

Engineer: _____

Engineer Approval: _____

Contractor: _____

Contractor Approval: _____

Contractor P.O.: _____

Representative: _____

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:

- Re-useable 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.



203-488-2684 or 888-771-4929
info@RelianceDetection.com
www.RelianceDetection.com

RS-096 TECHNICAL SUBMITTAL DATA SHEET

ORDERING INFORMATION:

Valve Size	P/N	UPC
N/A	RS-096	85764000342

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
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CABLE LENGTHS:

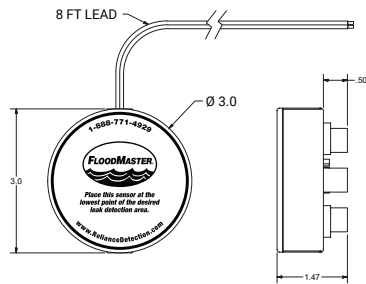
Power Cord	12'
Sensor Cable.....	8' (custom lengths avail.)

APPROVALS:

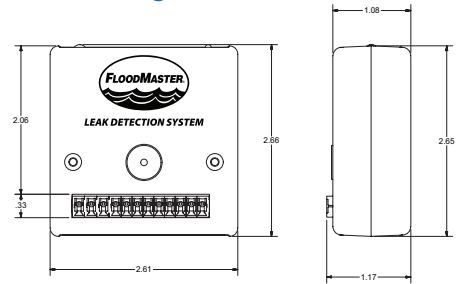
MA Board of Registration of Plumbers
Approval – Code # P3-0818-66.

DIMENSIONS & WEIGHTS:

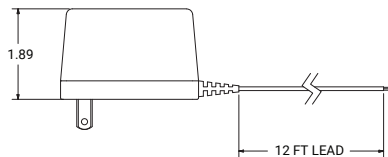
Water Sensor



Receiver Box



Power Supply – 24V AC Wall Wart



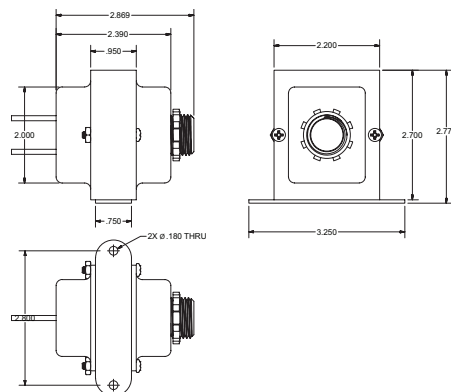
AVAILABLE ACCESSORIES:

- **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

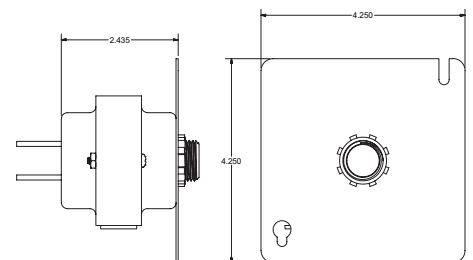
RS-096-MK6 MODIFIED KIT:

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.

Step-Down Transformer



Mounting Plate



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



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