



## RS-090-E

# Washing Machine Leak Detection and Automatic Water Shut-Off Outlet Box System

NEW PRODUCT

**Washing machine leaks and burst hoses** can quickly overcome floor drains and catch pans, causing thousands of dollars in water damage in a short amount of time. The threat is compounded when units are located on upper floors and in apartment buildings. When an unexpected leak occurs, the results can be:

- Increased insurance premiums and possible reduced coverage
- Lost property and equipment
- Massive disruptions to homeowners and tenants
- Thousands of gallons of wasted water

**The RS-090-E is a complete, installation-ready solution** for managing and reducing losses caused by washing machine failures. The system consists of an outlet box with built-in leak detection receiver for simultaneous automatic hot and cold water shut-off. The kit also includes pre-installed water hammer arrestors on both the hot and cold water lines and a leak detection water sensor which sits on the floor next to or under the washer. System installation is easy with provided mounting straps and trim plate. The system works off standard 120V AC wall power – no hard wiring is required.

**When the sensor detects a leak**, the system will signal both the hot and cold feed lines to automatically close. The red LED lights up and an audible alarm sounds. The easy push-button reset restores the water flow after the leak has been addressed.

### Applications:

- Apartment buildings
- Assisted living facilities
- Homes
- Condos
- New construction and retrofit



### Features:

- Standard 120V wall plug power – no wiring required
- Water sensor with 8' lead wire
- Leak LED and audible alarm
- Integrated water hammer arrestors for hot and cold water lines
- 1/2" NPT brass fittings (supply line) and 3/4" NPT brass fittings (feed line)
- Outlet box with (4) mounting straps and trim plate
- Meets UL 94 5VA flammability standard
- System is reusable – when the alarm sounds, fix the problem and press the reset button for continued protection
- Insurance discounts may be available – contact your provider

**Reliance Detection Technologies, LLC**  
27 Business Park Drive  
Branford, CT 06405

203-488-2684 or 888-771-4929  
info@RelianceDetection.com  
[www.RelianceDetection.com](http://www.RelianceDetection.com)

## RS-090-E Kit Ordering Information

Valve Size	P/N	UPC
Dual-port 1/2"	RS-090-E	811475030160

## RS-090-E Specifications

<b>Fittings &amp; Connections</b>	Supply Line: 1/2" NPT brass fitting Feed Line: 3/4" NPT brass fitting (lines are 2.52" on center) Drain Opening: 2-3/8" ID
<b>Outlet Box Dimensions</b>	7.75" x 9" x 3.75" (4) 3-position U-straps 4" x 1.90" for mounting to the front of back face of the stud (1) Trim plate with 1" of coverage all around for rough opening
<b>Position Indicator</b>	Red alarm LED
<b>Audible Alarm</b>	86 dB
<b>Outlet Box &amp; Mounting Material</b>	Fire-rated PVC
<b>Weight</b>	6 lbs.
<b>Power Supply</b>	120V AC wall plug
<b>Operation Voltage</b>	30V AC
<b>Water Temperature</b>	120°F
<b>Water Pressure</b>	80 PSI
<b>Water Hammer Arrestors</b>	To ASSE 1010 requirements
<b>Meets UL94 Standard for Safety of Flammability of Plastic Materials for Parts in Devices and Appliances*</b>	UL94 5VA: burning stops within 60 secs on a vertical specimen, no drips allowed, plaque specimens may not develop a hole
<b>Working Temperature</b>	0°F to 100°F
<b>Water Sensor</b>	Conductivity sensor with 8' lead wire
<b>Power Fail State</b>	Closed

\* Materials only. Product must be installed according to all federal, state and local building codes.

MA Board of Registration of Plumbers Approval – pending.



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