

KIT CONTENTS

Leak detection electronic control box with: – Green power and Red LED alarm indicators – Reset button – Audio alarm – Required electrical connections	– (2) leak prevention valve units for hot and cold water shut off – Power transformer – Water sensor disc
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NOTE: The RS-070 is designed to be installed on existing washing machine applications. The center points of the existing hot and cold valves need to be more than 1-1/2" apart. Follow all applicable Federal, State, and Local codes for installation.

IMPORTANT! For installation testing, the valve(s) must be able to have appropriate water pressure applied for leak check testing.

INSTALLATION INSTRUCTIONS

1. Turn off the hot and cold water supply valves to the washing machine.
2. Disconnect water supply lines from existing valves, and mark the hoses and valves as hot or cold, as needed. A small amount of water may leak from hoses. You may need a channel lock pliers to complete this operation.
3. Check and ensure valve fittings are clean and free of debris. Ensure the hose gasket(s) remained in the hose. If not, re-install into hose fitting. Make sure the gaskets and hoses are in good condition.
If there is any question about hose condition, it is always a good idea to replace them as needed.
4. Thread the female hose fitting of the leak prevention valves onto each existing valve. Confirm that the hose fitting is hand-tight, or slightly tightened (one-quarter turn past hand-tight) with the channel lock pliers. Do not over tighten.
5. Connect your existing washing machine hoses to the leak prevention valves ensuring the **Hot** and **Cold** are connected to the appropriate hot and cold water supply lines. Confirm the hose fittings are hand-tight. The valves should be in the open position (in line with the hose connection). If they are not, press down on the valve actuator(s) and slowly turn to the open position.
6. Plug in the 3-pin valve electrical connectors to each of the receptacles on the control box. It does not matter which one goes to which.

7. Unravel the power transformer cord and plug it into the control box's power jack.
8. Unravel the sensor cable and plug the connector into the control box's sensor connection We will test this later.
9. Find a suitable location for mounting the control box such that there is no tension applied to any of the cables. Keep in mind the sensor will be installed in the desired area for leak detection, likely under your washing machine. There also needs to be enough slack in the wire for control box location. Remove the adhesive backing from the Velcro strips from the control box and secure it to a clean, dry surface. Avoid dusty, dirty, or raw wood surfaces. Ensure you can see the alarm and power indicator LED lights, as desired.
10. Plug the power transformer into the leak detection receiver and plug it into a 120V AC wall outlet. Observe the **Green Power LED** turn on. At this time, the valves will go to the **open position**.
11. Open the water supply lines and check for leaks. Tighten hose fittings as needed.

PERFORM THE FUNCTIONAL TEST

- Push the water sensor probes that exit the side of the sensor onto a wetted paper towel. This is used to mimic a **wet** or **water leak** condition.
- The alarm LED should light up, the audible alarm should also sound, and the water control valves should move to the **closed position**. This can take up to 30 seconds to complete.
- Remove the paper towel from the sensor disc and dry the contacts. Press the reset button. The alarm should silence, and the valves should return to the **open** position. This can also take up to 30 seconds to complete.

Place the sensor in the desired area for leak detection. We recommend placing the sensor in the near rear and slightly under your washing machine.

You should now be able to run your washing machine normally. There may be a small amount of air in the lines, which will purge out on the first filling.

Visit www.RelianceDetection.com for photos and videos.



A Madison Company

27 Business Park Drive Branford, CT 06405 USA www.RelianceDetection.com

Toll-Free: 888.771.4929 Outside the USA: +1.203.488.2684

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