



## Utilizing ISIMET Controllers for Residential Water Leak Detection



Style 1 & 2

The RLA Series Controller offers a simple and cost effective way to protect vacant homes from plumbing related water damage. The controller will monitor water flow when the Alarm System is activated. If water flow is detected, the controller will close the solenoid valves on the water supply to the home. If the Alarm System is not active, the controller will only close the solenoid valves if the Service Switch on the controller is turned off or the Panic Button is pressed. Solenoid and Flow Switch sold separately.



Alarm System will activate the RLA Controller when Armed



Solenoids will close if flow is detected and Alarm System is Armed



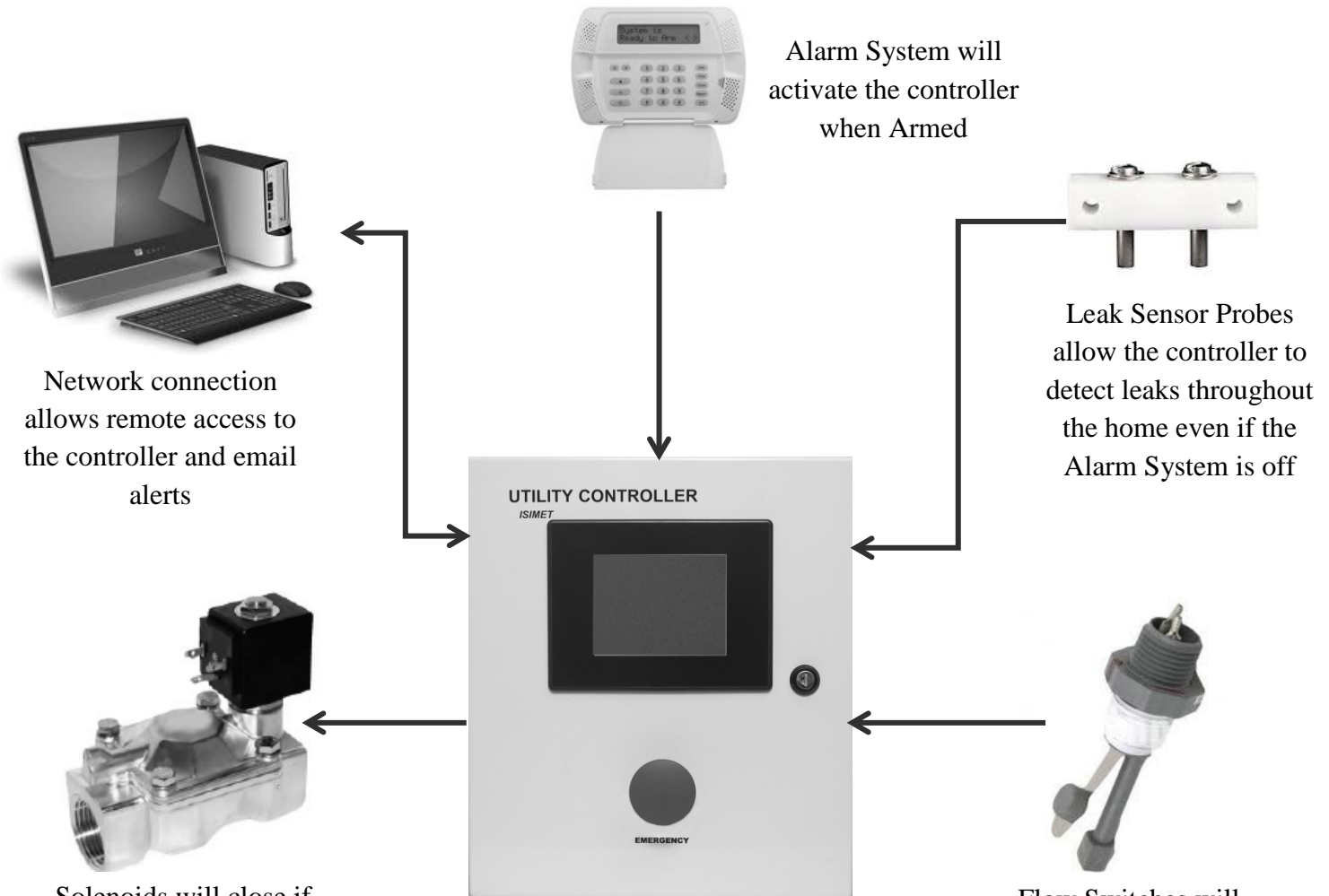
Flow Switches will send a signal to the controller when water flow is detected

**Note:** Sensors and Solenoids will vary depending on application. ISIMET will assist on determining which components best suit each application.



**Style 3**

The RLA Touchscreen Controller delivers the same protection as the Standard RLA Series Controller, but offers many additional features. The controller will still shutdown the water flow if the Alarm System is active and water flow is detected, but it will also monitor for water leakage when the Alarm System is not active. It can be equipped with a raw gas, CO or seismic sensor for fuel gas shut off in case of emergency. The ISIMET Seismic Sensor can be configured in order to fit within the framework of this unit. The RLA Touchscreen Controller may also be connected to the home's network via Ethernet cables. This allows users to remotely access the controller to monitor the status or fully control the system from anywhere. The system can also be configured to send email notifications when a leak is detected.



Alarm System will activate the controller when Armed

Leak Sensor Probes allow the controller to detect leaks throughout the home even if the Alarm System is off

Network connection allows remote access to the controller and email alerts

Solenoids will close if flow is detected and Alarm System is Armed

Flow Switches will send a signal to the controller when water flow is detected

**ISIMET, LLC**  
**103 C. J. Wise Parkway**  
**Naples, TX 75568**  
**(903)897-0737**  
**Fax (903)897-0740**  
**www.ISIMET.com**