

HOW

to Choose the Best Smart
Water Leak Damage Prevention System



Triple+

Detect. Connect. Protect.



Detect. Connect. Protect.

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Triple+ exceeds checklist of requirements set by UL for water leak protection solutions

Clean water, especially in the western US, has become both scarce and expensive, while water leaks also causes extensive damage if not detected and automatically prevented in time. Property management and plumbing professionals are in dire need of solutions to deal with these problems. Yet, even with years of experience, they grapple with what to select in a market crowded with choice.

water leaks also causes extensive damage if not detected and automatically prevented in time. “Understanding new leak detection technology”

“Facility managers should be familiar with the benefits of deploying water leak detection technology, along with the relevant industry standards and emerging trends”

Based on the extensive list of requirements and recommendations, Triple+ devices fulfill all and actually exceed such set requirements.

Recently, UL set things straight in a comprehensive two-part report, *“Understanding new leak detection technology”*. UL LLC is a global safety certification company headquartered in Northbrook, Illinois. UL helps companies demonstrate safety, confirm compliance, enhance sustainability, manage transparency, deliver quality and performance, strengthen security, protect brand reputation, build workplace excellence, and advance societal wellbeing.

“Facility managers should be familiar with the benefits of deploying water leak detection technology, along with the relevant industry standards and emerging trends,” asserts Neil Lakomiak, UL’s director of business development and innovation for the building and life safety technologies business division.

What to look for

The best water leak prevention systems, according to Lakomiak, *“are wireless with battery backup; incorporate multiple sensors, a local alarm, and an automatic water shutoff valve; and are monitored by a third-party service.”*

In addition:

“While a leak detection solution with water shutoff capability is best, having a system that provides an alarm or alert is far better than having nothing at all.”

Based on the extensive list of requirements and recommendations, Triple+ devices fulfill all and actually exceed such set requirements.



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How Triple+ ticks all the boxes and fully complies with UL requirements

- ✓ Triple+ products are battery operated and wireless.
 - ✓ The Triple+ system offers a complete backup notifications service. In addition to push notifications, email and/or a text message can be sent to avoid overlooking an event. Alerts include abnormal water use, device's low battery levels, freezing temperature (prior to pipe burst) and whether a valve is open or shut.
 - ✓ The Triple+ devices are powered by cloud technology. This enables long range wireless transmission and secured communication. As data is provided remotely 24/7, property owners away on vacation or property management companies with multiple units are still able to feel secure that their plumbing system is being monitored.
 - ✓ Remote action can be taken by the Triple+ battery and wireless water shutoff.
 - ✓ Triple+ devices are adaptable to various environments as they are manufactured with UV protection and reinforced plastic. They meet IP68 standards which allow them to be submerged in water or withstand harsh outdoor conditions.
 - ✓ No cable trenching is needed to install the devices.
 - ✓ Triple+ devices can be easily integrated with property alarm and fire systems. Triple+ devices take 40 minutes to install and are free of service for 24 months.
- ✓ **Wireless- WIFI communication and battery operated**
 - ✓ **Cloud technology**
 - ✓ **24/7 remote notifications**
 - ✓ **Full remote operation**
 - ✓ **Automated and remote manual water shutoff control**
 - ✓ **Suitable for indoor and outdoor conditions**
 - ✓ **No cable trenching required**
 - ✓ **Integrates with alarm and fire systems**
 - ✓ **Full installation in 40 minutes**



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Emerging trends

This is an exciting time for water leak detection technology, according to Neil Lakokian:

“New use cases for these systems are emerging. For instance, water usage monitoring is becoming more common and providing the data necessary to address anomalies such as running toilets. Consider that enforcement of drought ordinances may someday become commonplace, giving a municipality the ability to monitor water usage and levy fines for violations.”

This is an exciting time for water leak detection technology

“Imagine the damage that could result from water running constantly overnight”

Neil Lakokian

Water usage on construction sites is also highlighted in the report. It points out that leaking pipes or vandalism wreak havoc as there’s the cost of the water that is wasted and anything that is destroyed by the water.

“Imagine the damage that could result from water running constantly overnight,” warns Lakokian.

Triple+ proprietary technology meets these challenges, acknowledges CEO Michael Isakov:

“Water leaks and floods from pipe breaks are a constant problem. They cause extensive damage, pose health risks from mold that results from dampness and the water wastage is certainly something we cannot afford to happen in this era of climate change. Triple+ devices offer the best solutions to combat these issues. We are pleased to learn and understand that our vision far exceeds the high bar of the UL requirements. Our customers are already enjoying the protection of their property with that high-quality solution.”

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Triple+ devices offer the best solutions to combat these issues. Our customers are already enjoying the protection of their property with that high-quality solution.

Michael Isakov

Neil Lakokian’s report was published on facilitiesnet (March 13, 2019) and the UL Newsletter (March 4, 2019).e best solutions to combat these issues.”

Compliance Table for Water Leak Detection Systems

Rating Triple+ devices and services against UL compliance recommendations

UL Compliance Recommendations	Comply	Triple+products	Functionality & Triple+ special features
Battery powered sensors with alarm signal	✓		Measures temperature and alerts prior to pipes freezing up.
Primary powered system with battery backup	✓		Eight hours of battery backup.
Sensors with an alarm signal and alert capability via an email or text message	✓		Push notification for APP with real-time status updates of low battery, ambient temperature, devices going offline, abnormal water use.
System monitored by a third party who can alert the appropriate people	✓		Dedicated dashboard for Property Management companies available to manage unlimited number of sites and systems.
System with sensors, alarm signal, and water shutoff capability	✓		Shutoff unit is battery operated and needs no power to operate or cable trenching. Special feature: shutoff unit designed to support main valves up to 2" and operates indoors/outdoors in all weather conditions.
Sensors measuring water flow	✓		Automatically detects and closes the main water supply upon abnormal water usage.
Flood sensors	✓		Shutoff Unit closes water supply automatically when leak is detected.
Rope sensors	✓		Designed for machine rooms, risers and any location that requires water leak detection alongside the rope position. LINK connects with the HVAC and building's automation systems.
Acoustic sensor	✓		Capability to communicate with several smoke/gas detectors in range of up to 10". Alarm activates immediate notification. Compatible with most smoke/gas detectors. Battery operated