



## Risk Mitigation Checklist: Protect Your Building With Water Leak Detection

### Identify the Threats & Their Sources • *Do you have ... ?*

- |  |   |
|--|---|
| <input type="checkbox"/> Faulty connections, fittings & valves | <input type="checkbox"/> Primary plumbing walls               |
| <input type="checkbox"/> Failing or freezing pipes             | <input type="checkbox"/> Windows improperly installed/located |
| <input type="checkbox"/> At-risk water supply or return lines  | <input type="checkbox"/> Faulty construction                  |
| <input type="checkbox"/> Uncapped sprinkler lines              | <input type="checkbox"/> Fluid hammer effect                  |
| <input type="checkbox"/> Clogged drains                        | <input type="checkbox"/> Storage tanks                        |
| <input type="checkbox"/> Leaky roofs & small drips             | <input type="checkbox"/> A/C units                            |

### Encapsulate Areas of Concern • *Get to know your facility*

#### First ...

- Look above, beside, and below sensitive spaces for areas of concern including the floors above and the roof.
- Locate all water and chemical lines.
- Catalog all items that may be damaged by water or chemical leaks.

#### Second ...

- Based on your assessment, determine which areas need early leak detection technology.
- Determine if these are confined areas (e.g., a drip pan under a CRAC unit, where water accumulates), open areas (anywhere fluids can reach but without a defined flow pattern), or both.

### Determine the Best Solution • *Choose the right equipment*

#### Next steps ...

- Identify your long-term leak detection goals.
- Establish your immediate needs.
- Consider future scalability.
- Understand your budget restrictions.
- Calculate the cost of doing nothing.
- Determine the best warning system & interface for your team.

#### Tips ...

- ✓ Spot detectors are good for confined areas (floor drains and drip pans).
- ✓ Leak detection cables are perfect for raised floors where leaks may go unseen or for open floor spaces (under fluid piping, etc.).
- ✓ Tie leak detection cable directly to chiller lines for optimal protection.
- ✓ Guard against false alarms, which defeat the purpose of monitoring.

Share the #RLEchecklist on Twitter!  @RLETechnologies | We're also on:  

For help evaluating your facility's unique challenges at no cost, call us at 800.518.1519.