

Liquid Leak Detection: Commercial Properties



Key areas where liquid leaks may occur
within commercial properties



Commercial properties are highly susceptible to liquid leaks. Leaks can occur in areas such as toilet blocks, tea points, risers, plant and generator rooms. These leaks can damage the building fabric, fixtures and fittings which can be costly to repair especially if they are undetected for some time.

Damage to critical areas such as server rooms, data halls and comms rooms, leads to periods of downtime, loss of functionality and a potential loss of data. Which for any company can be even more damaging than replacing the fixtures.

1: Server rooms, data halls, comms rooms



Water leaks within the floor void of any data/server room can be disastrous, resulting in equipment shut-down and often leading to company downtime as well as a requirement to replace all vital equipment after an extensive clean-up operation. TT1000 Water Sensing Cable, installed within the floor void, monitors for water leaks associated with AC units,

chilled water, condensate pipework and water ingress from external sources (adjacent areas) at low level. Additionally TT1100 Water Sensing Cable can be attached to overhead pipework to protect sensitive areas below, providing early warning and allowing the necessary action to take place.

2: Tea points, kitchens, servery areas



TT1000 Water Sensing Cable

Tea points, kitchens and other servery areas are a common source of leaks. The presence of multiple appliances such as dishwashers, sinks, coffee machines and zip taps can often suffer with leaking pipework and connection points.

The installation of TT1000 Water Sensing Cable or AT-PROBE-TS Water Detection Probes on the floor, under the units provide early warning for potential leaks in order to prevent damage.

3: Toilet blocks, public bathrooms

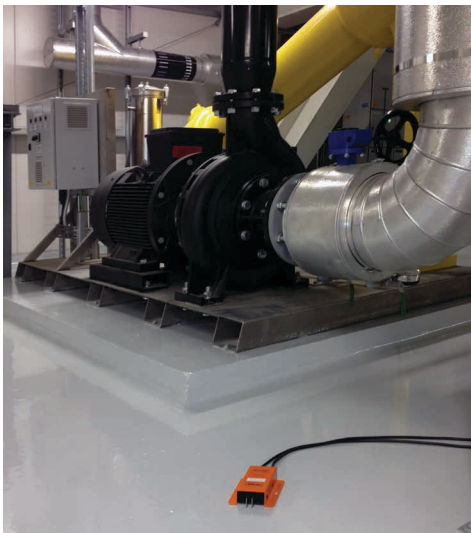


AT-PROBE-TS Water Detection Probe

Leaks originating from toilets are a common source of disruption to surrounding areas and can cause significant water damage to the building. Leaks may not only be from the hot and cold water services, but also from waste and drainage pipes resulting

in additional clean-up costs. The installation of AT-PROBE-TS Water Detection Probes to monitor sinks, WC cisterns and pipework provide an early warning of issues before extensive leaks occur, limiting the spread of waste water in the building.

4: Plant rooms, generator systems



AT-OPSEN Optical Sensor

Plant rooms, electrical switch rooms and similar areas contain vital, expensive equipment which provide power, heat, water and other utilities to the respective building.

Equipment failure can result in catastrophic leaks within these vital areas. Such leaks can render a building unusable for prolonged periods of time while vital systems are repaired.

The installation of AT-PROBE-TS Water Detection Probes around water storage tanks, pumps and sprinkler systems provide an early warning of issues before extensive leaks occur preventing the spread of water through these areas.

Standby Power (Diesel Generator Systems) are standard in many commercial buildings.

Leaks can occur on the engine, fuel supply and return pipework connection points or the fuel storage tank. Alternatively, a loss of coolant or hydraulic fluid could cause damage to the engine resulting in expensive repairs and additional disruption.

The installation of the AT-OPSEN Optical Sensor around the equipment monitors for fuel and liquid leaks preventing potential damage to equipment, possible environmental issues and loss of standby power.



About Aquilar

Aquilar are a distributor and manufacturer of leak detection equipment providing solutions for detecting water, fuel, chemical and refrigerant gas leaks.

Aquilar Limited – providing world-leading systems for leak detection in critical industrial and commercial environments

Aquilar, founded in 2000, soon became the number one partner for the world leading TraceTek leak detection system, formally invented and manufactured by the Raychem Corporation.

Finding that one manufacturer did not offer a solution for all applications. Aquilar embarked on a customer focus program, speaking to many specifying engineers and customers to find out what other products were required. From this, development moved forward and a new range of brands were created including AquiWave, AquiTron, AquiNet and EcoLeak. R&D continues today with new products and solutions created to solve customers' challenges and to meet with new and changing standards within the building industry.

Aquilar prides itself on the level of service provided to its clients, offering step-by-step guidance, delivering the most effective solution for each project. A team of dedicated professionals can assist with design support, schematics, technical submittals, and quotations through to the delivery of the leak detection system along with product support required to complete the project to the highest standard.

Whilst Aquilar do not install leak detection directly, they do have a number of highly-trained partner installers around the country to ensure all systems are completed and maintained to the clients' specifications. Based in Broadbridge Heath, Horsham, West Sussex, Aquilar also benefits from ample warehouse space to keep good stock levels, providing off the shelf systems for the largest projects.

Aquilar has over 19 years' experience in design support and supplying leak detection systems into almost all market areas such as data centres, office buildings, banks, schools, hospitals, fuel storage facilities and laboratories. Aquilar have the right solution for all your leak detection needs.

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Can We Help You?

If you have a project that Aquilar can assist with, please call us on 01403 216100

