

Aqualeak GWD

The **GWD** range, of multi-zone leak detection systems, is designed to check for water leaks in critical and sensitive areas, such as data centres, server rooms and plant rooms.

GWD is available in 2 zone options, capable of monitoring up to 4 or 8 zones, from one location, at any one time.



GWD reduces the risk of flooding, and water damage, to areas housing high-value equipment and data, by monitoring for water leaks and raising the alarm when detected.

GWD works with a variety of detection devices, including sensor cables and probes, to identify water leaks. A large area can be covered and protected using a combination of sensors.

When water is detected, or there is a fault on the system, the buzzer sounds and a red LED flashes on the control panel corresponding to the affected zone, which makes it easier to pinpoint the leak.

Once activated the buzzer can be silenced, by pressing the mute button on the control panel, but the LED will remain red until the system fault, or leak, is fixed.

Output relays can be used to connect the **GWD** to a Building Management System, for external notification of leaks and faults, or to connect a solenoid valve to automatically shut off the water in the event of a leak. Relays enable extra functionality to be tailored to specific zones. An optional battery provides back-up for up to 10 hours in the event of a power outage.

Typical applications include: Archive rooms, comms rooms, computer rooms, electrical switch rooms, boiler houses, plant rooms and large data centres.

Benefits

- ❖ Designed to detect water leaks in sensitive areas where high-value equipment and data is present.
- ❖ Multi-zone system allows for up to 4 or 8 separate zones to be monitored.
- ❖ Audio-visual alarms, for affected zones, allow for pinpoint leak detection.

Main Features

- ❖ Compatible with a variety of leak detection monitors.
- ❖ Can turn off water when leak detected.
- ❖ Optional battery back-up for up to 10 hours.
- ❖ Relays allow extra functionality to be tailored to specific zones.

AQUALEAK DETECTION LTD

SPECIFICATION	
Dimensions (W x H x D)	213mm x 185mm x 90mm
Power supply	240V +/-10%, 50/60Hz
Power consumption	20mA
Zone options	1-4, 1-8
Alarms	Audio - buzzer Visual - warning LEDs <ul style="list-style-type: none"> - Line normal: green - Line faulty: red - Water detected: red flashing
IP Rating	IP51
Sensor types available	Sensor cables Sensor probes
Output signal	No volt changeover relay/s
File sensing voltage	5V multi-directional
2 x Common output (relays)	2A
Individual relays	2A
Maximum zone distance	100m
Accreditations	CE marked
Compliance	Low Voltage Directive 73/23/EEC EMC Directive 89/336/EEC
Product code	GWD04, GWD08
Battery back-up code	GWD04BB, GWD08BB