

WG1

Benefits

- Reduces the risk of water leaks internally
- LED indicators and sounder highlighting when there is a leak
- Adjustable parameters including water volumes, days of the week and occupancy periods

Main Features

- Covers all internal water supplies
- Different flow rates can be identified (this is adjustable)
- Complies with BREEAM 2014 Section WAT03 and BREEAM W02
- The WG1 unit has a pulsed output for a BMS connection

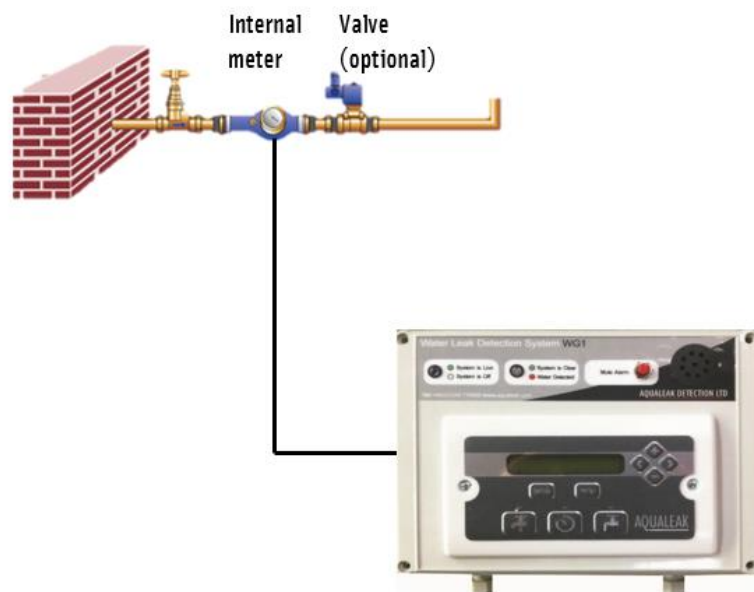


The WG1 system complies with BREEAM 2014 section WAT02/ WAT03. It is a Major Leak Detection System which covers the internal mains incoming cold water pipe of a building. It is programmable, has an audible alarm and can identify different flow rates.

The standard single zone WG1 (as shown above) comprises of a WG control unit with a display connected to a pulsed output water meter. This is installed inside the building just after the stopcock, monitoring for internal water leaks.

The system operates by monitoring the number of pulses given out by the pulse reader attached to the water meter. This equates to the volume of water with 1 pulse being equal to 10 litres of water. The control unit can be programmed to suit the occupants' requirements between 10 and 32,000 litres of water in a 30 minute period.

Product Code: WG1



WG1 SYSTEM SPECIFICATIONS

System/Dimension	Width (mm)	Height (mm)	Depth (mm)
WG1 (control unit)	200	150	77
Meters	Subject to pipe size	Subject to pipe size	Subject to pipe size

Electrical specifications

Mains 230VAC single phase L.N.E. LIVE is fused with a 20mm, 2A power fuse.
External & Internal Alarm Relay is rated 230VAC, 6A.
Reset Relay is rated 230VAC 2A.

Panel to Meter cabling: Screened 1mm² conductor (pair) up to 500m

Panel to Latching Valve cabling: 1mm² conductor (pair) up to 100m
2.5mm² conductor (pair) up to 500m

WG1 SYSTEM SCHEMATIC

