

AT-OFC Occupancy Flow Controller



The AquiTron AT-OFC system is used as a flow control device that isolates the water supply to WC's and other areas when they are not in use, thereby limiting the risk of water wastage and damage from undetected water leaks. The AT-OFC connects to Aquilar's range of PIR sensors and WRAS-approved water solenoid valves. Flexible connection options mean compatible third party PIRs and valves can also be used if required.

The AT-OFC is ideally suited to projects where PIR control is required for water shut-off in commercial buildings. This system helps towards compliance with BREEAM Wat 03 (Part 2). It can also be combined with all AquiTron or TraceTek leak detection systems to act as a master valve controller.

The system comprises of a main controller, recessed, surface or wall mounted PIR sensor(s) (maximum of 10) and up to 3 latching solenoid valves from our range of brass or plastic options.

The AT-OFC will detect movement via the attached PIR sensor(s). While movement is detected the AT-OFC will activate any AquiTron solenoid valves and allow water to flow. When no further movement is detected a user selectable countdown time period will start (adjustable between 6 seconds to 20 minutes). After this time has expired the controller will close the valves and reset the two volt free relays which can be used to control third party equipment such as lighting or valves.

The AT-OFC system can be supplied with high quality AquiTron PIR sensors. However, customers can choose to use existing/alternative brands of compatible PIR lighting switches. Multiple controllers or PIRs can be daisy chained to suit most applications.

Prevent water leaks and water wastage

The AquiTron Occupancy Flow Controller (AT-OFC) will help towards achieving BREEAM Wat 03 (Part 2) (BREEAM credit available: 1)

Typical applications:

- Commercial buildings
- WCs
- Tea points
- Kitchens
- Utility rooms
- Shower areas

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