



AT-PIR-SOV BREEAM PIR Automatic WC Water Shut-Off System

DATASHEET



The AquiTron AT-PIR-SOV is a BREEAM Wat 03 compliant controller, PIR sensor and water solenoid valve system used to isolate the water supply to WC's when they are not in use, thereby limiting the risk of water wastage and damage from minor water leaks.

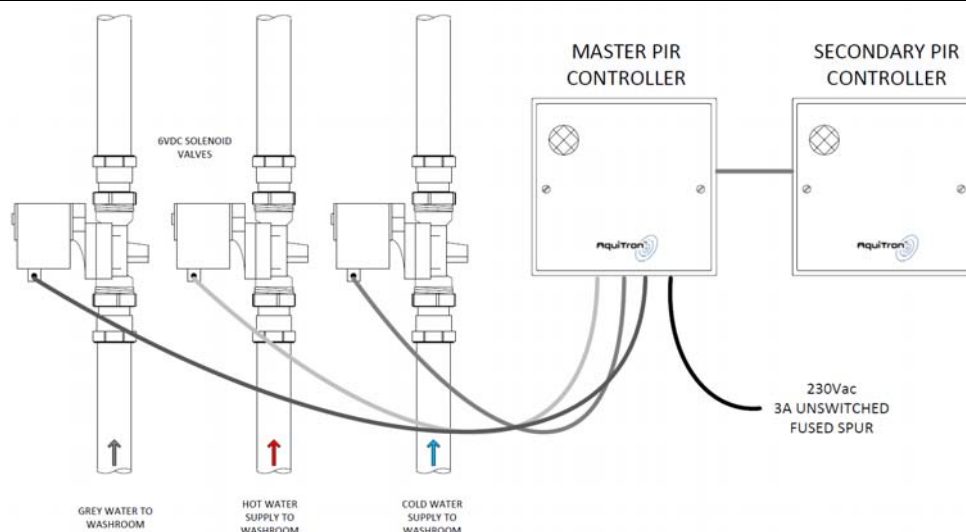
The system comprises a main controller, ceiling mounted recessed or surface mounted PIR sensor and either a 15mm, 22mm, 28mm or 35mm solenoid valve. Up to 3 valves can be powered by the controller.

If no movement is detected within the user adjustable pre-selected time, the PIR sensor will activate the isolating solenoid valve. This time can be set between 30 seconds to 20 minutes.

In addition, the controller has two volt free relays which can be used to activate a secondary mains power relay to isolate the lighting and mains supply into the same room.

A secondary PIR sensor is available if the controller needs to be in a different location. Or if two rooms (male and female WC's) share the same water supply.

Power Requirements	230Vac
Valve Outputs	6Vdc 1.2A
Cable	2 core copper 0.75mm ² (for cable runs over 50m use 1mm ²)
Relay Ratings	Max 3A @ 230Vac
Exit Shut-Off Timer	Min 30 seconds, Maximum 20 minutes
PIR Positioning	Wall or ceiling fixing. Within 9 metres of the entrance (2 to 3 metres is recommended)
Backing Box Recess Depth	Master PIR – 47mm. Secondary PIR – 30mm
Secondary PIR Controller – Cable	2 Core copper 0.75mm ²
Power Supply	N/R - Fed from Master PIR Controller



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