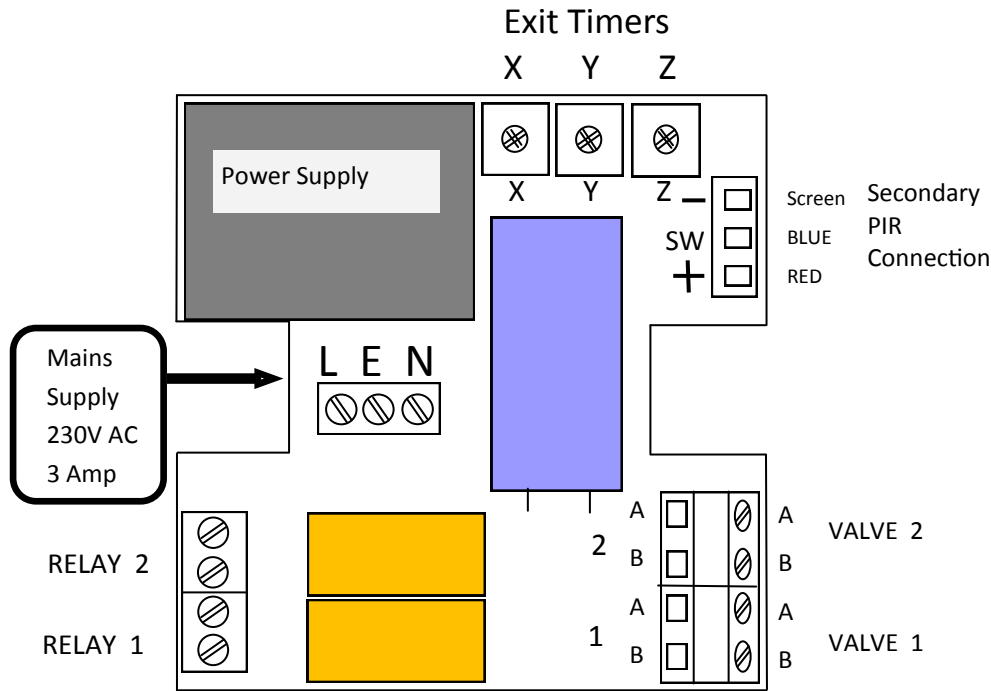
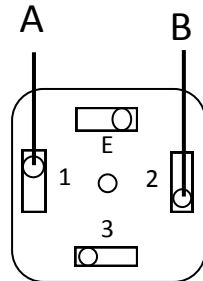


Wiring Instructions.



Before installation isolate the mains supply.

This product must be installed by a suitably qualified person in accordance with the current building and IEE regulations.



Valve Connector Block

Water Leak Prevention Equipment

WATERGUARD PIR Water Supply Isolator

Installation and Commissioning Guide

Complies with BREEAM and SKA requirements



General Description.

The WATERGUARD PIR Water Supply Isolator is designed to work with WATERGUARD solenoid valves to isolate the water supply in a specific room when not in use.

The unit is activated when a person enters the room. This will open the water supply.

Once the person leaves the room, there will be an adjustable delay before the water supply is isolated.

In addition the controller has two relay connections which can be used to connect to our WATERGUARD Series 7 controller for added protection.

These relays can also be used to activate a secondary mains power relay to isolate the lighting and mains supply into the same room.

This product is only to be installed by a fully competent person. This is not a DIY product.

This product is designed for indoor use only.

The maximum range of the PIR is about 10 metres. The sensor should be located facing the entrance to the room, well within the range.

The sighting position should be tested if there is any doubt.

If using only one valve, use valve connector 1 as this will activate fractionally before valve connector 2. This also applies to the relays.

Where the control box is required to be located away from the sensor module, or where two sensor modules are required with one controller, refer to separate instruction leaflet, " WATERGUARD PIR two sensor unit.

Technical Specification for WATERGUARD PIR Water Supply Isolator.

Power Requirements. 230 v 3 amp fused. For mains powered versions.

Valve outputs. 12VDC 1.2 amp. Cable 2 core copper .75mm²
For cable runs over 50m use 1mm²

Relay 1 and 2 rating. 230v Maximum 3 amp.

Exit shut off timer. Timer X Min 30 seconds, Maximum 20 minutes. Turn clockwise to increase time delay.

Two room version.

This version and the options must be specified with the enquiry and is factory set.

Secondary PIR module. Connection cable type. Screened pair with .2mm² copper conductor. Farnell 120-2695 or similar.

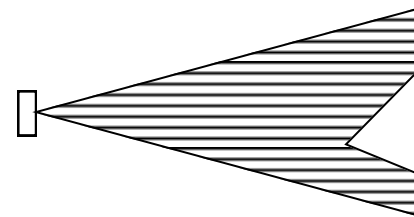
Option 1. Timer X controls the both PIR modules, valve 1 & 2 and relay 1 & 2.

Option 2. Timer Y controls the secondary (remote) PIR module, valve 2 and relay 2.

Option 3. Timer X controls relay 1 only. Timer Y controls relay 2 only.

Valves 1 & 2 are open when either relay 1 or 2 are active.

Installation Guide.



Max. 9 Metres

Locating the PIR sensor.

Locate the sensor high on a wall or ceiling opposite, or with clear view of the entrance to the room.

Keep away from areas that may be affected by damp, steam and water splash.

If you are not sure, test that the unit operates correctly before fixing permanently.