Timer Information….

There are 2 controls for the timer, a switch and a rotary adjuster. The switch selects one of 2 ranges as follows; 0 to 60 seconds and 0 to 20 minutes. Simply slide the black knob of the switch over to the required range.

The rotary adjuster allows the specific timer period to be set, the adjuster has numbers 0 to 10 around its sides to help with setting the required timer period; the following is a guide to the periods that can be set.

Adjuster Value	Switch at 0-60 Seconds	Switch at 0-20 Minutes
1	6 seconds	2 minutes
2	12 seconds	4 minutes
3	18 seconds	6 minutes
4	24 seconds	8 minutes
5	30 seconds	10 minutes
6	36 seconds	12 minutes
7	42 seconds	14 minutes
8	48 seconds	16 minutes
9	56 seconds	18 minutes
10	60 seconds	20 minutes

Two Room Versions….

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

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

Technical Support….

Technical support and further product information is available during office hours. Please check all electrical connections before contacting us.

Please call 01226 397987 to speak with one our technical experts, ensure to have your order details ready so we can handle your query as efficiently as possible.

Waterguard Services Limited. Registered address: 22 Oakwell Business Centre, Oakwell View, Barnsley, South Yorkshire, S71 1HX. Tel: 01226 244200. Email: enquiries@waterguard.co.uk.

Waterguard

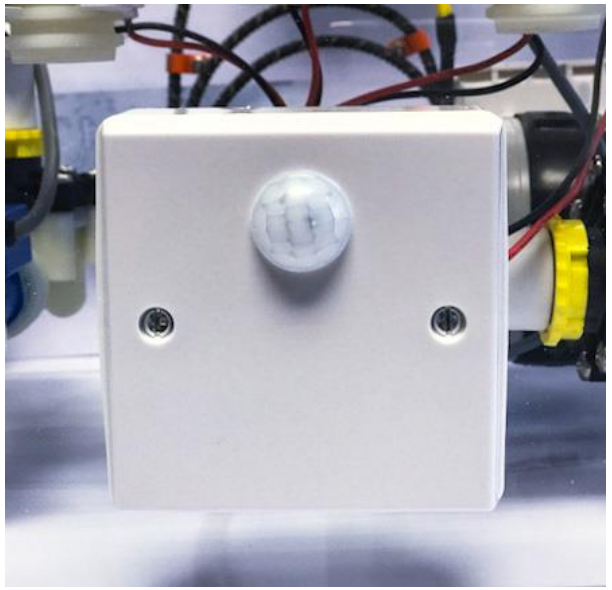
WRAS APPROVED PRODUCT

Water Leak Detection Equipment

RoHS COMPLIANT

UK CA

Waterguard PIR Water Supply Isolators - Electrical Installation & Operating Guide V21



IMPORTANT! ISOLATE THE MAINS SUPPLY PRIOR TO INSTALLATION. CURRENT BUILDING AND IEE REGULATIONS: THE PIR WATER SUPPLY ISOLATOR SYSTEM SHOULD BE INSTALLED BY A QUALIFIED ELECTRICIAN, IN ACCORDANCE WITH THE RECOMMENDATIONS LAID DOWN BY THE HVCA AND SOUND ENGINEERING PRACTICE. A COMPETENT PLUMBER MUST CARRY OUT THE ASSEMBLY AND INSTALLATION OF ANY VALVES. ANY DAMAGES INCURRED DUE TO IMPROPER INSTALLATION ARE NOT COVERED UNDER WARRANTY. THIS IS NOT A DIY PRODUCT AND IS DESIGNED FOR INDOOR USE ONLY.

IMPORTANT: PLEASE READ THIS GUIDE CAREFULLY AND IN FULL BEFORE INSTALLING. KEEP CLEAN: DO NOT LET DEBRIS ENTER THE VALVE(S). STORAGE: KEEP IN A DRY PLACE PRIOR TO INSTALLATION TO AVOID POSSIBLE DAMAGE TO INTERNAL COMPONENTS.

System Profile…

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. This unit can activate 3 valves for cold supply, hot supply and grey water supply. Once the room is vacated there is an adjustable delay before the water supply is isolated. The controller also has 2 relay connections that can be used to isolate power and lighting.

ATTENTION…..

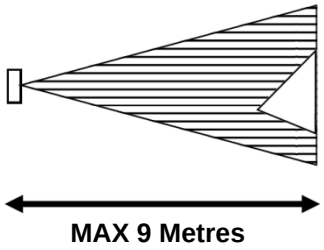
The maximum range of the PIR sensor is approximately 10 meters. The sensor should be located facing the entrance to the room, well within range. Test sighting position if in doubt.

Up to 6 secondary sensors can be in adjoining rooms or areas out of sight of the main controller. These secondary detectors should be wired in parallel.

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 may be affected by damp, steam and water splash.

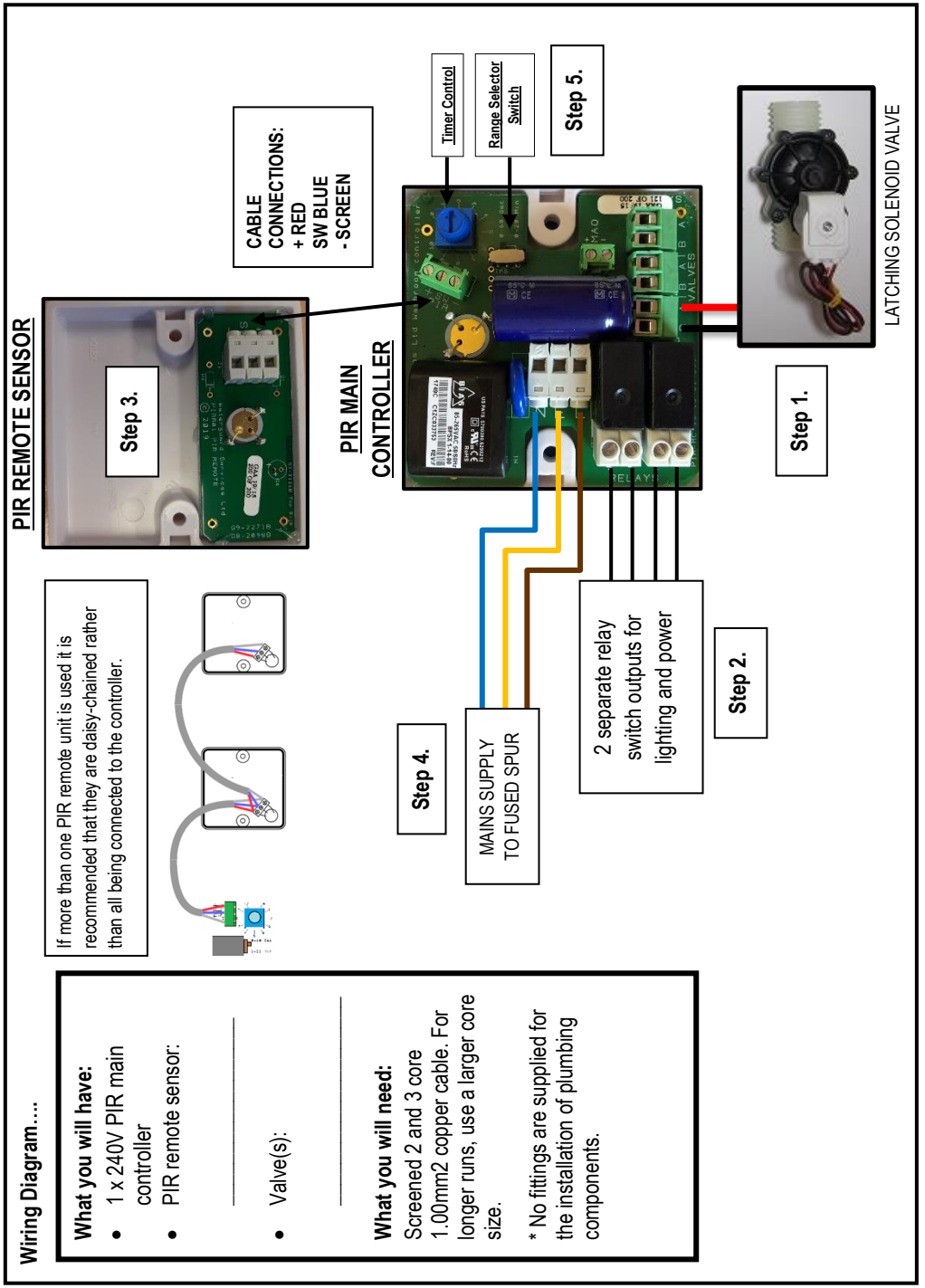
If you are not sure, test that the unit operates correctly before fixing permanently.



Step by Step Installation….

Firstly, Plumb in the solenoid valve(s). Up to three valves can be connected to isolate the hot, cold and grey water supply. Using the information above install PIR controls and any remotes where chosen.

1. Connect any valves to the valve terminals, red to A and black to B. In all cases the valves should be checked for correct operation during commissioning and the wiring reversed if required.
2. Where applicable wire relays one and 2 using 2 core screened cable.
3. Where applicable connect secondary sensors following cable connection instructions.
4. Power the main controller: 3 core screened cable to fused spur. Power for the PIR remote sensors are derived from the main controls.
5. Set Adjustable timer using table on the reverse. These systems are pre-set to an eight minute delay.



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