

Success?

Power and unit operation are indicated by a solid red light on the controls. The LED will flash once per second for approximately 2 minutes. If the valve is forced shut during this time, please check wiring connections between the ALARM OUT and BMS.

Setup....

All Waterguard Solo controls are pre-set to allow a maximum of 30 minutes continuous water flow, unless an alternative time is requested at time of purchase. In order to change this default setting, follow the instructions below:

Press and hold the valve driver button for 25 seconds, the valve driver is now in set up mode. Ensure you do not release the button after the initially 25 seconds and the valve driver will flash as below in 5 second intervals.

- 1 flash = 10 minutes
- 2 flashes = 20 minutes
- 3 flashes = 30 minutes
- 4 flashes = 40 minutes

Release the valve driver button once the LED indicator has shown the required number of flashes for the time limited required. Set up complete.

Test....

To check the correct installation and operation of the Solo firstly change the maximum continuous flow allowance to 10 minutes using the setup instructions. Run the water in the property and if the water supply is cut off after 10 minutes the installation of the Solo is complete. Push the valve driver and after 10 seconds the controller will reopen the valve. Ensure to change the settings back to the preferred time once testing is complete.

If connected to a Waterguard DataCom, an SMS stating "LEAK Detected" will also be sent to all registered

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 of our technical experts, ensure to have your order details ready so we can handle your query as efficiently as possible.

Waterguard



Water Leak Detection Equipment

Waterguard Solo Installation Guide V19



IMPORTANT! INSTALLATION MUST BE CARRIED OUT ONLY BY THOSE COMPETENT IN ELECTRICAL INSTALLATION. ANY DAMAGES INCURRED DUE TO IMPROPER INSTALLATION ARE NOT COVERED UNDER WARRANTY.

IMPORTANT: PLEASE READ THIS GUIDE IN FULL BEFORE INSTALLING.

ATTENTION.....

It is important to strictly follow these instructions in full. The 3V lithium battery must not be used as a temporary supply and must only be connected after mains power. Failure to do this will result in system failure.

What You Will Have:

12V Complete Kit

- Waterguard Solo control panel
- 1 x 3V lithium battery
- Flow sensor
- Latching solenoid valve
- 12V power pack
- 1 x single pattress box
- 2 x pairs push fit connectors

240V Complete Kit

- Waterguard Solo control panel
- 1 x 3V lithium battery
- Flow sensor
- Latching solenoid valve
- 1 x single pattress box
- 2 x pairs push fit connectors

12V Standard Kit

- Waterguard Solo control panel
- 1 x 3V lithium battery
- Flow sensor
- Latching solenoid valve
- 12V power pack

240V Standard Kit

- Waterguard Solo control panel
- 1 x 3V lithium battery
- Flow sensor
- Latching solenoid valve

What You Will Need:

- Speaker cable, twin or three core flex (see step 3).
- 3 core mains cable (where applicable, see step 6).

Step by Step Installation....

1. Fit valve assembly ensuring that the direction of flow arrows on both the valve and flow sensor are correct for the direction of the flow of water supply. Do not over tighten or overuse PTFE tape. Check for leaks after restoring the water supply.
2. Fix controls to chosen area.
3. When applicable wire BMS to ALARM OUT using speaker cable, twin or three core flex.
4. Wire the solenoid valve to Solo Controls:
 - Red to V
 - Black to C
5. Wire the flow sensor to Solo Controls. One wire to C and one wire to F (colours connected not relevant).
6. Connect power to the Solo controls using the 12V power pack or mains power supply.
7. Connect 3V lithium battery. **DO NOT CONNECT THIS BEFORE POWER.**

Ensure to see the reverse for set up and to check successful installation.

Wiring Diagram....

LATCHING SOLENOID VALVE

FLOW SENSOR

