

Home Maintenance....

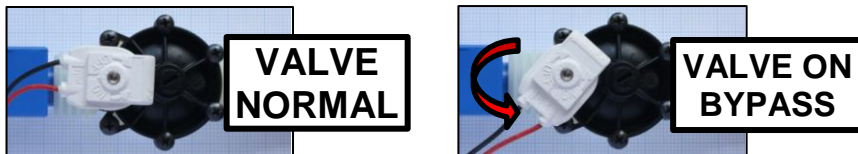
The valve doesn't open or close.....

If all controls are functioning as normal but the valve is failing to close, please see *Routine Maintenance* below as the valve assembly may be blocked up.

How to manually bypass the valve to allow water flow.....

WARNING The manual bypass must only be used in an emergency to restore the water supply when the controller is damaged or there has been a long term loss of mains power.

Rotate the whole coil head as shown.



NOTICE: THIS WILL DEACTIVATE WATER LEAK PREVENTION AND MAY INVALIDATE YOUR BUILDINGS INSURANCE.

General Maintenance....

Automatic Testing – The valve driver is programmed to automatically close and open the valve every 24 hours. This tests both the valve assembly and controls.

Routine Maintenance – This system requires minimal maintenance and will only require the following:

- In hard water areas it is recommended that the valve assembly is dismantled and cleaned with limescale remover every 12 months as build up can cause the unit to fail.
- After continued power loss the valve driver back up battery may need replacing. It is recommended that a suitably qualified engineer changes the battery (3V lithium, size code CR123A) after firstly turning off mains power to the unit.

Contact Us....

If you require any further assistance operating the Waterguard Solo or if the Solo is not functioning correctly, please call our friendly customer service team on 01226 244200.

Waterguard



Water Leak Detection Equipment

Waterguard Solo
User Guide V19



To familiarise yourself with your installed Waterguard System please read this user guide in full. If you have any further questions, please contact the office.

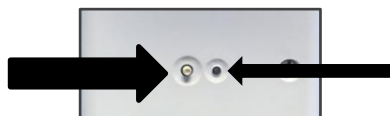
System Profile....

This system protects properties by monitoring water usage from the incoming water mains using a flow sensor that allows continuous water flow for a limited time before the controller suspects a leak and automatically shuts off the water with a solenoid valve.

The Waterguard Solo has one level of guard (maximum time of continuous flow) which is usually set by the installer, landlord or concierge with the controls often located in riser cupboards or basements.

Understanding the Controls....

Solo Button –
Operates
system functions



Solo LED -
Indicates status of
system

LED Indicator	Meaning
Solid red	Unit operating normally
Off, followed by brief flashes	Device running on battery backup. Please see, the Home Maintenance section
Equal intermittent flashes	A leak has been detected and the valve driver has closed the valve. Please see, the Operating the Controls section.
Solid red followed by brief flashes	The valve driver has closed the valve as the battery backup requires replacing. Please see, the General Maintenance section. In order to reinstate the water supply, bypass the valve manually. Please see, the Home Maintenance section.

Operating the Controls....

Button Press	Command
Single short press when valve is closed	This will open the valve and reset the guard time, confirmed by a singular flash.
Single short press when valve is open	This closes the valve, confirmed by equal intermittent flashes. This can be used when leaving the property to shut off the water supply and pressing again when your return to reinstate the water.

NB. Please allow 10 seconds for the valve driver to operate.

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.

Power Loss....

In the event of any mains power loss the Solo has an integrated back up battery that will power the controller for several weeks. If power is completely lost, please see **General Maintenance**. No setup is required but it is advised to test the Solo once power is restored.

Test....

To check the 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. 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 personnel.

Technical Support....

If you discover that the Solo has shut off your water supply, please in the first instance check for leaks around the property and contact your landlord, concierge or facilities manager where applicable.

Technical support is available for controls only on 01226 397895 during office hours. Please contact a local plumber and/or electrician for any issues with your valve assembly.