

# Waterguard

## WATERGUARD SOLO USER GUIDE

PART OF THE WATERGUARD  
RESIDENTIAL RANGE OF WATER LEAK  
DETECTION EQUIPMENT



### INFORMATION

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 on 01226 244200.

### 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.

[Click here to follow the link to our User Guide video for more information.](#)

### OPERATION

#### UNDERSTANDING THE CONTROLS



Dedicated technical helpline: 01226 397987

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## LED INDICATORS

- **Solid red:** Unit operating normally.
- **Normally off, brief flashes when pressed:** Device running on battery backup.
- **Equal intermittent flashes:** A leak has been detected and the Solo has closed the valve.
- **Repeated flash and flicker:** The Solo is in holiday mode. The valve has closed as there has been no water usage for over 24 hours.
- **Slow intermittent flickering:** The battery backup requires replacing.
- **Double flicker:** This indicates water is flowing and will continue until the water is shut off.
- **Fast equal intermittent flickering:** Valve manually closed.

[Click here to follow the link to our LED Indicators video for more information.](#)

## OPERATING THE CONTROLS

BUTTON PRESS	COMMAND
Single short press when valve is closed.	This will open the valve and reset the guard time.
Single short press when valve is open.	This closes the valve, confirmed by equal intermittent flickers.
Press and hold the button for 5 to 6 seconds and release.	The LED will flash to indicate the current time limit: 1 flash = 10 mins, 2 flashes = 20 mins, 3 flashes = 30 mins

## CHANGING THE GUARD TIME

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

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

Release the Solo button once the LED indicator has shown the required number of flashes for the time limited required.

## HOLIDAY MODE

The Solo has an optional holiday mode which is defaulted as active. This mode will automatically isolate the water supply after 24 hours of no water usage. To disable this function firstly disconnect power including the backup battery. Hold the button down for around 10 seconds whilst reinstating the power. Keep the button pressed until the light appears. Confirmation of deactivation is a solid red light with no flash.

## MAINTENANCE

### POWER LOSS

The Solo controller contains a 3V backup battery. This will provide power for up to 1 month if mains power is disconnected. Ensure to replace the battery (Size Code: CR123) after prolonged power loss. The Solo controller will also close the valve before complete power loss. Once replaced no setup is required but it is advised to test the Solo once power is restored.

### TESTING

Check the LED on the Solo switches on and is a solid red light when mains power is applied. Run the water in the property (the Solo will perform 2 brief flashes every 2 seconds indicating that water is flowing).



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Whilst the water is running press the button on the controls and release, after 10 seconds the controller will close the valve and water will stop running. The controller will flicker on and off every second indicating that the valve is closed, press the button again to open the valve and reinstate the water.

## ROUTINE MAINTENANCE

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.



## FAQS

*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* above 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.

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



**VALVE NORMAL**



**VALVE ON BYPASS**

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**Any application, water leak detection and prevention.**

To find your solution visit [www.waterguard.co.uk](http://www.waterguard.co.uk).

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