



Controlling the Waterguard Home from the Valve Controller

In the event of loss of power to the valve controller, it will continue to work normally on battery power for several months. To conserve battery power, the controller will not be able to communicate fully with the remote display or reset switch. Connections to Alarm In and Alarm Out continue normally. Pushing the small black button on the valve controller will switch between:

1. Valve open in High Guard confirmed by 1 beep & flash
2. Valve open in Low Guard confirmed by 2 beeps & 2 flashes
3. Valve closed confirmed by 3 beeps and 3 flashes
4. Return to 1

After an extended period with no mains supply and before full loss of battery power the controller will close the water valve before shutting down the controller.

Manually Bypassing the Valve

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. **This will deactivate water leak protection.**



Remote Displays & Reset Switches

Several remote displays, or reset switches, may be twinned to one valve controller. To twin a new remote with a display, push the button on the controller for 7 seconds and release and the controller will beep rapidly. Push the centre button on the new remote to wake and twin. Once completed, the display will show the time values currently in use.

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Water Leak Detection Equipment

Waterguard Home with Remote Controller Operating & Getting Started



The residential solution to water leak prevention

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How Waterguard Home Works

The flow sensor times the flow of water through the incoming water pipe. Each time the water flow stops the timer resets.

The user selects the maximum time water can flow without stopping. If the maximum flow time is exceeded, the stop valve will automatically shut off the water supply.

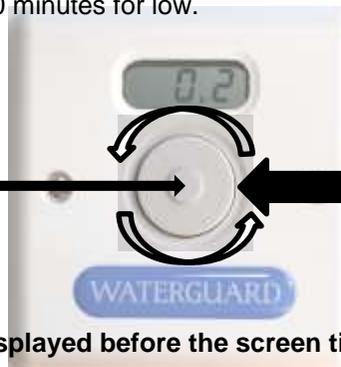
There are two levels of Guard, Low for Occupied and High for Unoccupied.

The times are set on the remote controller (right above). We recommend 0-1 minute for High & 20-30 minutes for low.



The Remote Display button

Awakens the display & switches between High & Low Guards.



The Remote Display Dial

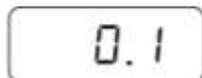
Adjusts maximum flow time. 0.1 to 5.0 minutes in High Guard - 1 to 40 minutes in Low Guard.

The last time value displayed before the screen times out is the active time.

This display shows 18 minutes in Low Guard. Water can flow for a maximum of 18 minutes continuously as many times as required throughout the day. The range is 1 to 40 minutes.



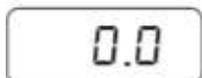
This display shows 0.1 minutes in High Guard. Water can flow for 6 seconds only, without stopping, before the water supply is shut off. The range in High guard is 0.1 to 5.0 minutes.



If a leak is detected or the valve is closed manually, the display will show OFF. Press the button on the remote display or valve controller to open the valve and select a time value.



To close the valve in High or Low Guard, select 0.0. The valve will shut off the water supply when this is selected. This is especially useful when the property is empty for long periods.



Selecting High and Low Guard Time Values – Useful Tips

- Low Guard is used when you are in the home and using water
- The longest time that water runs without stopping is to have a shower or run a bath. You decide how long this takes, e.g. 10 minutes, 15 minutes?
- High Guard is used when you are at work or out for the day and you may still wish to run a washing machine or dishwasher. The total cycle time may be an hour, but water only flows for a short burst during the wash and rinse cycles. So setting the High Guard at 1.0 minute should be enough.
- If no appliances are being used, or you are away from the property, set High Guard at 0.1 minute or 0.0 for best protection.

Intruder Alarm - Guard Level Switching

If your Waterguard Home is linked to an intruder alarm, it will automatically switch between guard levels when you leave or return to your property.

Locating the Valve Controller, Remote Display and Reset Switches

The Waterguard Home valve controller will be located close to where the water enters the property. See Waterguard Home Installation instructions. The wireless remote display should be located in a convenient place where it can be seen and easily adjusted. Once set, you should have little further need of this display.

The wireless remote reset switch can be located in bathrooms, kitchens etc. The remote display and reset switch are battery powered and talk to their valve controller using radio. (There is also a wired only version of Waterguard Home). The batteries will last for many years, if properly used. If the display does not wake when the button is pressed, try replacing the two AAA batteries.

Service

In order to ensure that the valve is working correctly and that any lime scale deposits are kept to a minimum, we recommend closing and opening the valve occasionally.

Select 0.0 in High Guard. Check that the valve is closed and that the water is off by opening a tap.

Open the valve again by re-selecting the required value and check the water supply is OK.

Replace the remote display batteries as necessary. No other service is required.
