

### Home Maintenance....

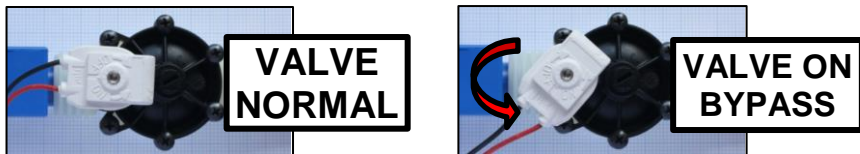
#### *The valve doesn't open or close.....*

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....

**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 valve operation to fail.

### Contact Us....

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

# Waterguard



## Water Leak Detection Equipment

Waterguard Puddle Sensor – Automatic Shut Off  
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....

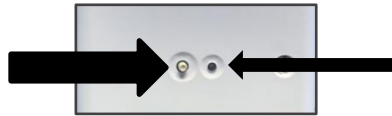
The Waterguard Puddle with automatic shut off is the latest development in multi zone water leak detection technology. It's language free control unit which has 5 water leak detection channels, requires no setup and minimal maintenance making it the easiest system on the market to install and operate.

Your system will be monitoring up to 5 water leak detection channels using various water sensing devices dependent on application. These include, water sensing cable or tape, water sensing feet and/or float switches. When any of these devices detect water, the Puddle will alarm, and the solenoid valve will automatically close shutting off the water supply and minimising any potential damage.

Details of each device should be recorded and supplied to you by the system installer. However, please do not hesitate to contact the office for any information we may hold.

### Understanding the Controls....

**Puddle Button –**  
Operates  
system functions



**Puddle LED -**  
Indicates status of  
system

### Alarm....

When a water leak has been detected the Puddle will enter alarm mode and the valve will close, shutting off the water supply. This is indicated by a repeated short red flash and Beep. The number of flashes and beeps indicates the water sensing channel where a leak has been detected. Multiple alarmed channels will flash and beep sequentially.

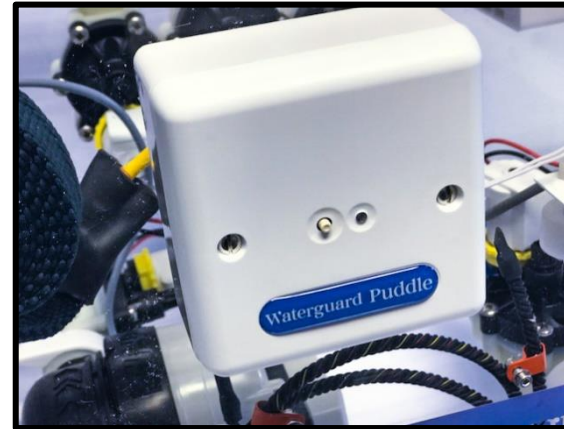
**Press the black button once:** This will silence the alarm, repeating every 30 seconds, but flashing will continue, and the valve will still be closed. Check for leaks and take any appropriate action required.

**Press the black button once again:** Red flashing will stop, all alarms will be cleared, and the valve will open, reinstating the water supply. The Puddle will then flash yellow for 4 minutes whilst the water sensing devices are checked to ensure that the leak has stopped, and the Puddle unit enters tracking mode, calibrating each water sensing channel. Once complete the Puddle unit will flash green and be ready for action again.

### Power Loss....

In the event of any power loss there is no set up or other actions required, this is a maintenance free system. The valve will remain in whichever state it was when power was lost.

Once power is restored, power to the Puddle is indicated by a single white flash and beep. The unit will then flash yellow as it enters tracking mode for approximately 10 seconds followed by a green flash, the Puddle will then be ready for action again.



**THE WATERGUARD PUDDLE RANGE IS ALSO AVAILABLE IN AN ALARM ONLY VERSION WHICH WILL NOT SHUT OFF THE WATER SUPPLY. AND IS COMPATIBLE WITH THE WATERGUARD DATACOM TO PROVIDE OFF SITE WATER LEAK ALERTS. PLEASE CALL THE OFFICE FOR MORE DETAILS.**

### Test Mode....

To test the operation of the Puddle, rapidly press the button 5 times. This will simulate an alarm on all channels in use and close the valve. Example, a Puddle which is using 2 of the channels will flash and beep once then flash and beep twice to indicate that channels one and two are installed and operating correctly.

Pressing the button twice on the 5 Channel Puddle controls will cancel the alarm, reopen the valve and reset the controls.

### False Alarms & Alarm Failures....

The location of each water sensing device is critical to the effective operation of this system. If any device is located within areas likely to suffer from normal dampness and condensation, false alarms may occur, and the device will need to be relocated to a usually dry area such as beneath the bath panel or plant room, depending on the application.

Alarm failures may occur if any water sensing cable or tape is positioned too close to mains cables. It is critical to ensure that any water sensing cable or tape is positioned at least 20cm away from any mains cables.