

Success?

Power is indicated by a single white flash and beep. The unit will then flash yellow for approximately 10 seconds as tracking/calibration is performed. Once complete the unit will flash green and the Puddle is ready for action. There are no lights or sounds while the Puddle is in operation mode.

Test....

To check the correct installation of each water sensing device and 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.

Technical Support....

Technical support is available during office hours. Please check all electrical connections before contacting us.

Please call 01226 397987 to speak with one our technical experts, ensure to have your order details ready so we can handle your query as efficiently as possible.

Location Log....

Please use this space to note the water sensing device and its location for each of the five water sensing channels in use.

No / Sensing Device	/ Location
<i>Eg / 10m water sensing tape</i>	<i>/ Flat 3 - Under bath panel</i>
01 /	/
02 /	/
03 /	/
04 /	/
05 /	/



Water Leak Detection Equipment

Waterguard Puddle Sensor – Automatic Shut Off 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 CAREFULLY AND IN FULL BEFORE INSTALLING. **KEEP CLEAN:** DO NOT LET DEBRIS ENTER THE VALVE(S). **STORAGE:** KEEP IN A DRY PLACE PRIOR TO INSTALLATION TO AVOID POSSIBLE DAMAGE TO INTERNAL COMPONENTS.

IMPORTANT: PLEASE READ THIS GUIDE IN FULL BEFORE INSTALLING.

ATTENTION.....

It is important to note that the location of water sensing cable or any other water sensing device is critical to the effective operation of this system. Great care should be taken to locate away from areas likely to suffer from normal dampness and condensation, as this may trigger false alarms.

It is advised that each water sensing device is located in a usually dry area such as beneath the bath panel or plant room, depending on the application.

In addition, it is critical to ensure that any water sensing cable or tape is positioned at least 20cm away from any mains cables. This distance MUST be observed, or the sensor channels may not operate correctly.

What you will have:

- 1 x Waterguard Commercial Puddle Sensor Control Panel
- 1 x Waterguard Valve Driver
- Water sensing cable and/or tape, water sensing feet and/or float switch (please see delivery note for exact devices, quantities and lengths where applicable)
- 1 x Automatic Shut Off Valve
- 1 x 12V Power Pack and power lead

What you will need:

- 1mm Speaker Cable, Twin or Three Core Flex

Step by Step Installation....

1. Fit valve ensuring that the direction of flow arrow is correct for the direction of the flow of water supply. Do not over tighten or overuse PTFE tape. Check for leaks after restoring the supply.
2. Ensure to fix controls in an accessible area.
3. Wire each water sensing device to each of the 5 numbered channels. Ensure to record the water sensing device and its location using the location log on the reverse of this sheet.
4. Connect ALARM OUT terminal on the 5 Channel Puddle to PIR terminal on the 12V Valve Driver using 1mm speaker cable, twin or three core flex, + to + and – to SW. Do not connect to – on the PIR terminal on the 12V Valve Driver, this will cause system failure.
5. Using the power lead provided plug in barrel connector on the 5 Channel Puddle and wire to the 12PS terminal on the 12V Valve Driver.
6. Wire the solenoid to the 12V Valve Driver. Red wire to B and black wire to A.
7. When applicable wire the Waterguard DataCom or BMS panel to RELAY 1 on the 12v valve driver using 1mm speaker cable, twin or three core flex.
8. Connect power to the 12V Valve Driver using the 12V power pack supplied.

No setup required. Ensure to see the reverse to check successful installation.

Wiring Diagram....

