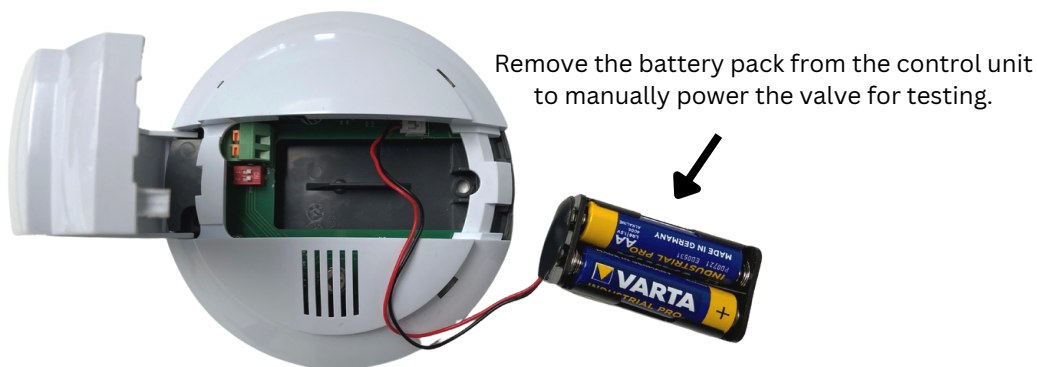


TROUBLESHOOTING - Testing The Solenoid Valve

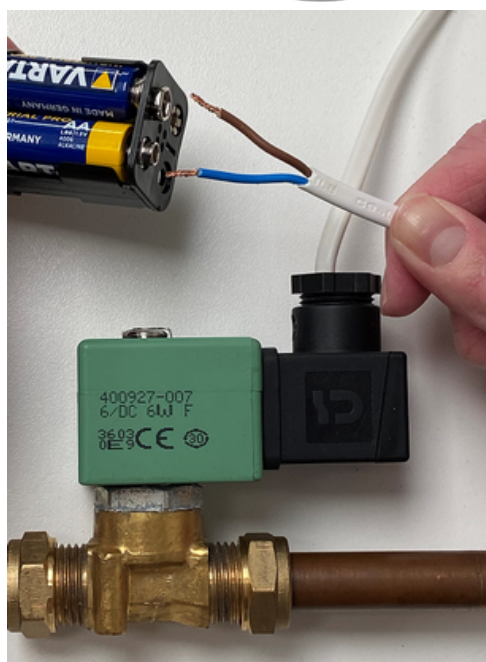
Testing the valve opens and closes directly from the battery pack will help establish which component is causing the issue.



ASCO solenoid valves are known in the industry for their high-quality and reliability



Remove the battery pack from the control unit to manually power the valve for testing.



Flash the valve terminal wires onto the battery pack, this will open the valve and water will flow.



Rotate the battery pack to change the polarity and flash the valve terminal wires onto the battery pack again, this should close the valve and water will stop.

Other Checks

Check water flow direction through the valve: 1 = IN 2 = OUT

Check valve wiring is correct on the board and the valve terminal block:

1= Brown 2 = Blue

Only flash the battery pack onto the valve terminal wires briefly until you hear the valve click, prolonged contact could damage the valve.

The valve will not close correctly if waterborne swarf, dirt, or debris becomes trapped under the plunger and blocks the 2mm orifice. If the valve doesn't shut off when it's been powered closed it will need to be disassembled cleaned and re-assembled, this usually resolves the problem.

Please contact us for further information on how to clean and service the valve, this would not be covered under the guarantee as it's the debris blocking the valve that has caused the malfunction and could have been prevented by flushing out pipework prior to installation.

When the valve has been cleaned and is working correctly it's best to clear the system memory on the PIR control box and set the cistern fill time again (see main product instructions).

If the valve opens (water flows) and closes (water stops) when powered directly off the battery, then it will be an issue with the PIR control box and if re-programming fails it may need replacing.

Please note that the 2mm orifice valve supplied as standard will not work on extremely low water pressure (tank feed header tanks etc.) A low-pressure valve with a larger orifice will be required.