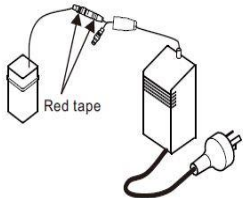
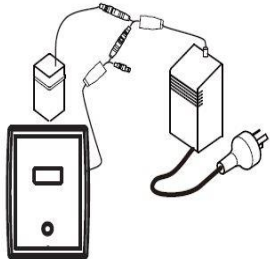
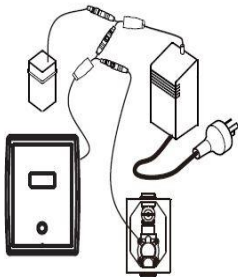
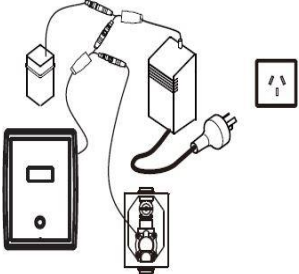


ET4-7 TOILET FLUSH VALVE TROUBLESHOOTING YOUR INSTALLATION:

Initial Checks:

- CHECK WATER SUPPLY;
- UNPLUG ALL CABLES, LEAVE UNPLUGGED FOR 5 MINUTES (THIS GIVES THE ELECTRONICS A CHANCE TO RESET) BEFORE RECONNECTING EVERYTHING CAREFULLY AND CORRECTLY – IF MAINS POWERED: RECONNECT BATTERY BOX TO TRANSFORMER BEFORE SENSOR CABLE (SEE DIAGRAM BELOW).
WARNING— ELECTRONICS WILL BE DAMAGED IF CONNECTED INCORRECTLY*;
- ENSURE SCREWED COLLAR CONNECTIONS ARE TIGHT (DO NOT OVERTIGHTEN);
- CHECK SENSOR WINDOW IS CLEAN AND UNOBSTRUCTED;
- IF TOILET HAS BEEN OPERATING CORRECTLY FOR SOME TIME AND HAS SUDDENLY STOPPED OR WATER IS CONSTANTLY RUNNING ON[^] – LIKELY CAUSE IS NO POWER. TO CONFIRM – CHANGE BATTERIES, UNIT SHOULD FLUSH. THIS WILL ALSO HIGHLIGHT ANY FAULT WITH THE POWER SUPPLY/OUTLET (IF MAINS POWERED);
- IF TOILET STILL DOES NOT FLUSH – CLEAN SOLENOID VALVE AND INLET FILTER. (FINE PARTICLE DEBRIS/BUILD UP CAN PREVENT SOLENOID FROM OPENING AND CLOSING CORRECTLY);
- IF NEW INSTALLATION – CHECK THAT FLUSH VALVE HAS BEEN INSTALLED CORRECTLY, IN ACCORDANCE WITH THE INSTALLATION MANUAL. IF NO LIGHTS ON SENSOR – RECHECK ALL CONNECTIONS AND ENSURE BATTERIES HAVE BEEN INSTALLED CORRECTLY.
- IF RED LIGHT IS INDICATING AND YOU CAN HEAR THE SOLENOID CLICKING BUT NO WATER IS COMING OUT – CHECK WATER SUPPLY IS CORRECT AND WATER IS TURNED ON TO THE TOILET;

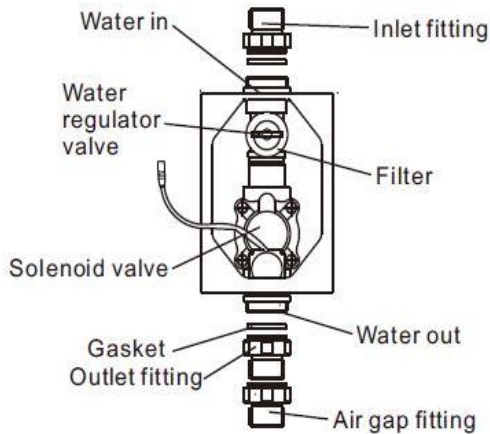
<p>1. Insert batteries to DC battery box and connect battery box to transformer. (If mains powered)</p> 	<p>2. Connect transformer (battery box if DC only) to face plate.</p> 
<p>3. Connect solenoid valve to face plate plug.</p> 	<p>4. Connect transformer to power. Confirm there is power at the socket.</p> 

NOTE: If red light is on or flashing, this indicates that unit is functioning correctly, although there may not be sufficient power to activate the solenoid. A flashing red light indicates that EITHER: batteries are low and need replacing OR connections are incorrect, recheck and retest.

OTHER ISSUES:

Not Enough or Too Much Water Flow

- CHECK AND ADJUST YOUR WATER PRESSURE AS APPROPRIATE – RECOMMENDED OPTIMUM DYNAMIC FLUSHING PRESSURE IS 350kPA – 400kPA, MAXIMUM PRESSURE IS 500kPA;
- FLOW VALVE MAY REQUIRE ADJUSTMENT – FLOW CAN BE ADJUSTED WITH REGULATOR VALVE SCREW ABOVE THE SOLENOID VALVE – (SEE DIAGRAM BELOW):

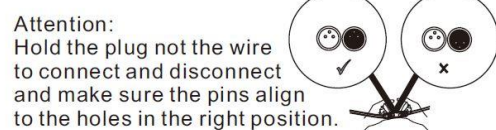
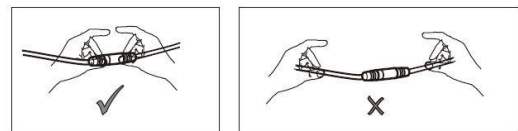
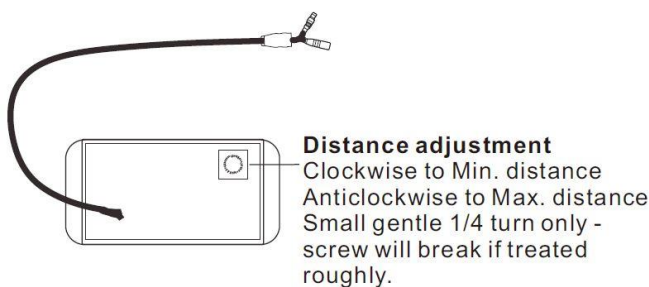


Issue – Early Activation when Toilet is in Use

- PRODUCT IS DESIGNED TO INITIALISE AND ACTIVATE FLUSH CYCLE DEPENDING ON LENGTH OF TIME USER IS PRESENT IN ACTIVATION ZONE AND HAS A CONFIRMATION TIME OF 5 SECONDS. IF USER MOVES OUT OF THE SENSOR ZONE WHILST USING TOILET, THE FLUSH CYCLE WILL ACTIVATE;
- FOR USER COMFORT – THE MANUAL OVERRIDE BUTTON CAN BE PRESSED TO ALLOW FLUSHING ON DEMAND.

Issue – Sensing Distance Not Adequate

- DETECTION ZONE IS PRE-SET AT 750-800MM. IF THIS IS NOT ADEQUATE, THE FLUSH VALVE SETTINGS MAY REQUIRE SET-UP/ADJUSTMENT (SEE DIAGRAM BELOW). **IMPORTANT - CARE NEEDED AS ADJUSTMENT SCREW CAN BREAK IF MISTREATED.**



Issue – Advanced Water Run On[^]

If water run on persists after completing the basic troubleshooting on Page 1, it is likely that there is damage to the internal components of the flush valve. A dynamic flushing water pressure of 350-400kPa is required for effective flush. But where the valve has been exposed to water pressure in excess of that recommended, the diaphragm can be damaged and is not covered by the product warranty. Replacement diaphragms can be purchased on request, see Contact Information below.

Issue – Self-Activation

All infra-red technology can be affected by strong or directional light, reflective surfaces or high-vis clothing. This is due to environmental factors and is not a product fault. Ensure users are not wearing high-vis clothing and consider making changes to the lighting and/or fittings used in the bathroom to rectify this issue.

NEXT STEPS:

If your checks have confirmed that a component is not functioning, call or mail us to discuss (see our contact info below). If you have multiple flush valves on site – see the advanced troubleshooting section below.

PRODUCT WARRANTY

Your toilet flush valve has a 12-month parts only warranty.* In the unlikely event of component failure and once fault is confirmed, Enviro-Tech will send the replacement part for fitting by your installer/plumber. Please note that replacing a part will rectify any genuine product fault. If the replacement part does not fix the issue - you will need to re-check the installation and consider what external factors are causing the problem

*Damage to solenoid or diaphragm caused by debris due to inadequately flushed lines or excessive water pressure, is not covered by the product warranty. Damage to other components caused by incorrect connections is also not covered by the warranty. For full warranty conditions, see the Warranty page of our websites.

For further information and advice - contact us on:

AUSTRALIA – enviro-tech.com.au call: 1300 530 883 or e-mail info@enviro-tech.com.au

NEW ZEALAND – enviro-tech.co.nz call: 0800 2 368476 or e-mail info@enviro-tech.co.nz