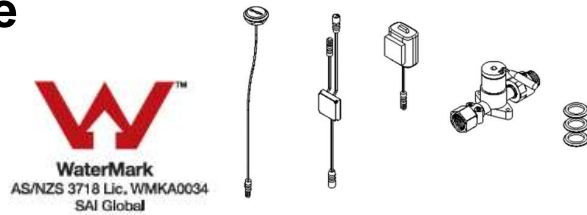




Flowmatic® Solenoid Kit With Piezo Activator 6V Battery Powered - Adjustable

PRODUCT CODES:

- TZ-IQTOUCHB (7 SECONDS RUN TIME)
- TZ-IQTOUCHB20 (20 SECONDS RUN TIME)



SPECIFICATIONS

- Chrome plate finish for easy cleaning and durability.
- Nylon solenoid with stainless steel adaptors.
- The water flow can be adjusted to suit different outlet types.

IMPORTANT: All laboratory taps are tested in accordance with AS/NZS 3718 and leave our premises in good working order.

WARNINGS: Special attentions to be paid on notes, photos, images, or drawings of assembly steps marked with the warning symbol.



TECHNICAL DATA

Inlet	½" BSP - Female	
Outlet	½" BSP - Male	
Headwork	Piezo Activation	
Working Pressure Range (kPa)	Min	50
	Max	500
Working Temperature Range (°C)	Min	5
	Max	80
Sensor	Type	Piezo
	Activation	Piezo Button
Controller	Input Voltage	6.75V DC
	Program Type	Standard
	Connections	6mm 2 Pin Plug
Power Supply	Type	Battery
Solenoid	Input Voltage	6V DC
	Cable length	90mm
Finish	N/A	

NOTE: Galvin Engineering continually strives to improve their products. Specifications may change without notice.

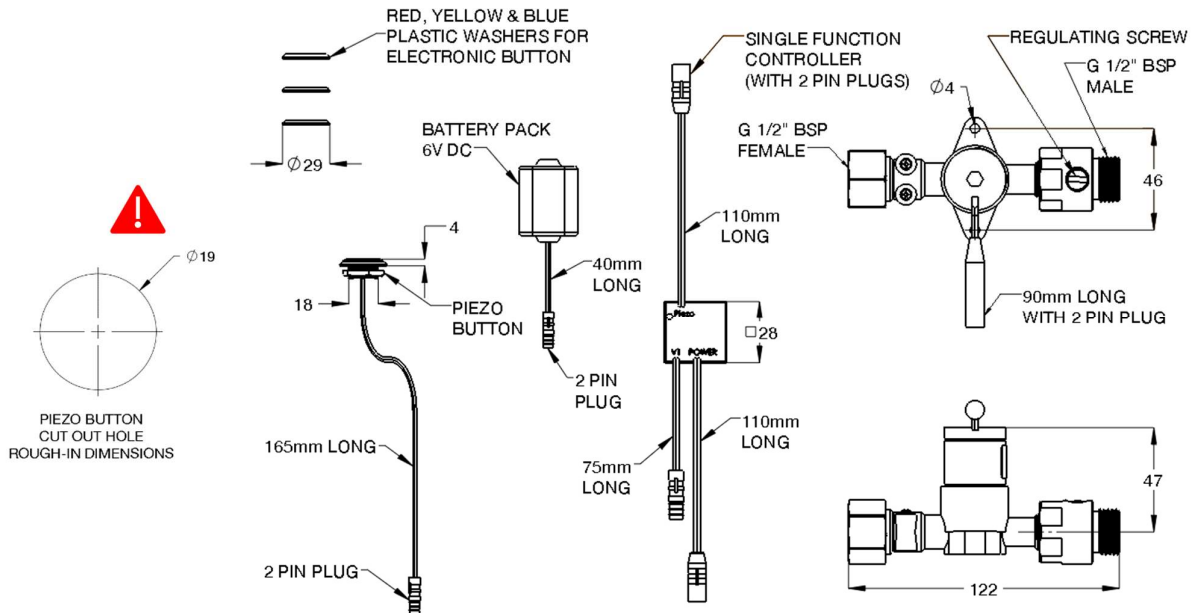
TOOLS REQUIRED

- Power drill
- Spanner or adjustable crescent
- Screw driver

PRE-INSTALLATION - MOUNTING DETAILS

Controller programming is locked. If specific changes need to be made, contact Galvin Specialised.

- If the mounting hole does not already exist, mark out and drill the hole in the bench/trough, as shown in rough-in dimensions.



PRE-INSTALLATION

- Before installation, all lines must be flushed.
- Galvin Engineering recommends the installation of strainers and pressure reducing valves (when necessary) to ensure clean consistent supply. Debris or poor water quality could affect the performance of the unit.

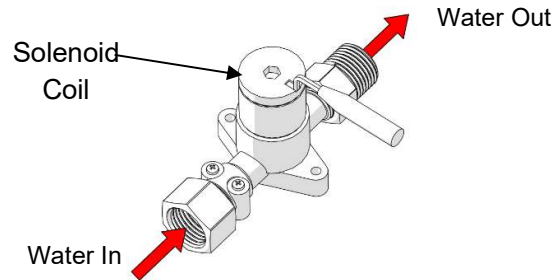
INSTALLATION

INSTALLATION COMPLIANCE: Galvin Engineering products must be installed in accordance with these installation instructions and in accordance with AS/NZS 3500, the PCA and your local regulatory requirements. Water and/or electrical supply conditions must also comply to the applicable national and/or state standards. Failing to comply with these provisions shall void the product warranty and may affect the performance of the product.



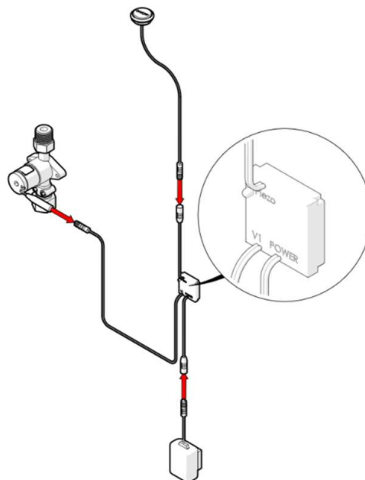
1. Fit Piezo Button

- Install piezo button through the trough ensuring that the coloured washer is in place.
- Fit & tighten the supplied nut.



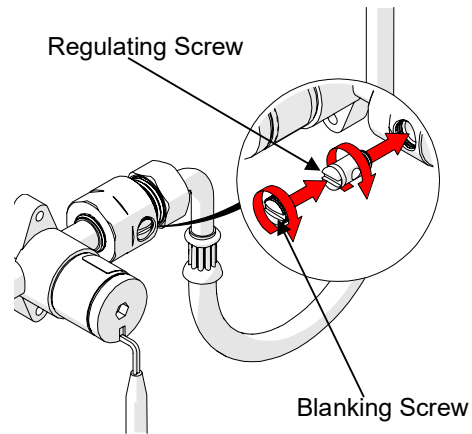
2. Fit solenoid

- Before installation, all lines must be flushed. We recommend that a line strainer be installed prior to the solenoid to eliminate any foreign material.
- Fix the solenoid in position ensuring that the solenoid coil is not facing downwards.
- Ensure the solenoid is mounted using the 2 anchor points shown and is in a suitable location.
- Connect mains water and the outlet using thread tape/sealant.



3. Fit connections and test

- Connect the solenoid to the male connection (marked 'V1') of the controller and the battery to the female connection (marked 'POWER').
- Connect the Piezo button to the female connection (marked 'PIEZO')
- Test for correct operation.
- Check for any leaks and correct operation.



4. Testing

- To adjust water flow
 1. Remove the blanking screw.
 2. Adjust the water flow by turning the regulator screw.
 3. Replace blanking screw.

Note: The full range from minimum flow to maximum flow is only ¼ turn.

TROUBLESHOOTING

PROBLEM	CAUSE	RECTIFICATION
Water is not flowing or inconsistent flow	Mains supply is turned off	Turn on water
	Blocked flow regulating screw	Remove flow regulating screw and clean
Rate of flow inadequate	The flow regulator screw may not be adjusted correctly	Remove blanking screw and adjust flow regulating screw as described above

WARRANTY

The warranty set forth herein is given expressly and is the only warranty given by the Galvin Engineering Pty Ltd. With respect to the product, Galvin Engineering Pty Ltd makes no other warranties, express or implied. Galvin Engineering Pty. Ltd. hereby specifically disclaims all other warranties, express or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

Galvin Engineering Pty Ltd products are covered under our manufacturer’s warranty available for download from www.galvinengineering.com.au Galvin Engineering Pty Ltd expressly warrants that the product is free from operational defects in workmanship and materials for the warranty period as shown on the schedule in the manufacturer’s warranty. During the warranty period, Galvin Engineering will replace or repair any defective products manufactured by Galvin Engineering without charge, so long as the terms of the Manufacturer’s warranty are complied with.

The remedy described in the first paragraph of this warranty shall constitute the sole and exclusive remedy for breach of warranty, and Galvin Engineering Pty Ltd shall not be responsible for any incidental, special or consequential damages, including without limitation, lost profits or the cost of repairing or replacing other property which is damaged if this product does not work properly, other costs resulting from labour charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemical, electrical or any other circumstances over which Galvin Engineering has no control. This warranty shall be invalidated by any abuse, misuse, misapplication, improper installation or improper maintenance or alteration of the product.

