

1

Turn Off the Power

- Isolate the Power Source: Ensure the watermist pump is completely isolated from the power supply. This can be done by switching off the relevant circuit breaker or disconnecting the electrical isolator.
- Lockout/Tagout (LOTO): Apply lockout/tagout procedures to prevent accidental re-energising of the system. Place a physical lock and a visible tag on the power source, indicating that maintenance is ongoing and the system should not be powered on.
- Verify Power is Off
- Test for Voltage: Use a multimeter or a non-contact voltage tester to confirm that no voltage is present at the pump terminals or the electrical supply points.

The purpose of this document is to provide instructions for fitting the reset button to the iCO high pressure pump.

This should only be carried out by an iCO approved installer.

2

Close water supply off at the inlet valve



3

Remove pump enclosure

- Remove the two screws from the outer cover. One either side, bottom-front. See red arrow.
- Place hands on cover sides, lift and pull away.



4

Take off the electronics board enclosure

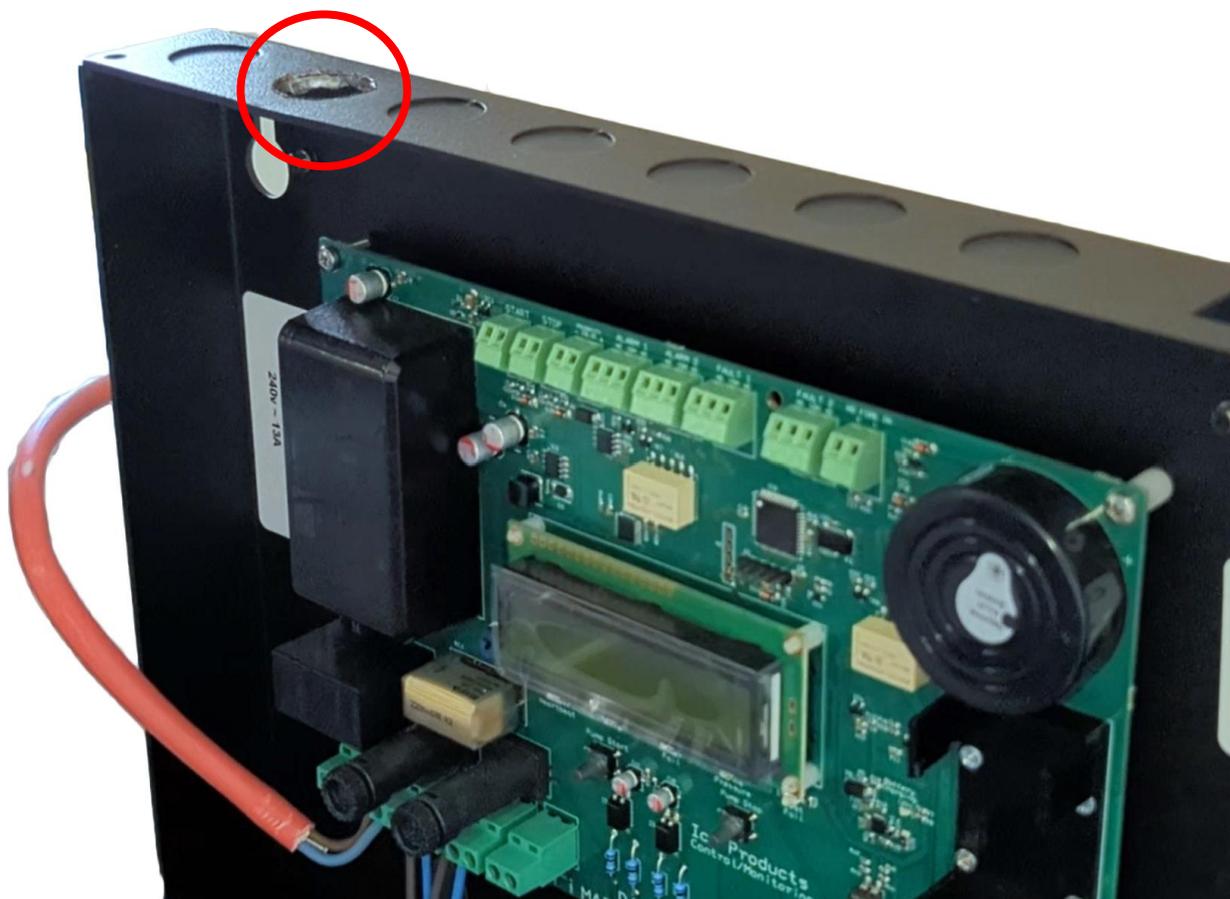
- Undo the two screws from the PCB cover. One either side, bottom position. See red arrow. (Note the screws are retained and will remain in the panel)
- Place hands on cover sides, lift and slide upwards, pull away.



Fitting the reset button

5

Remove the second knockout from the left. If it is already in use, then pick the next closest.



6

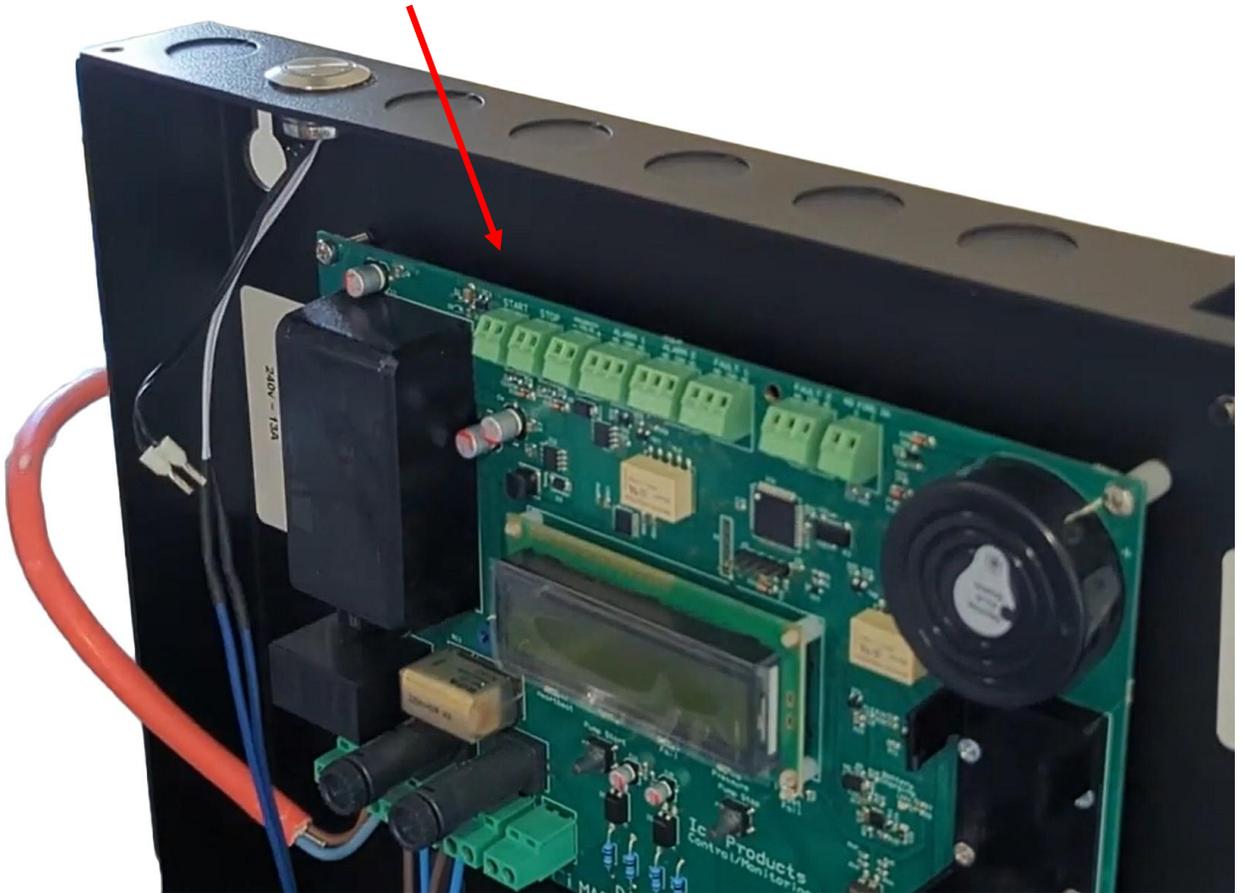
Place the new button into the knockout and screw it in to secure it



Fitting the reset button

7

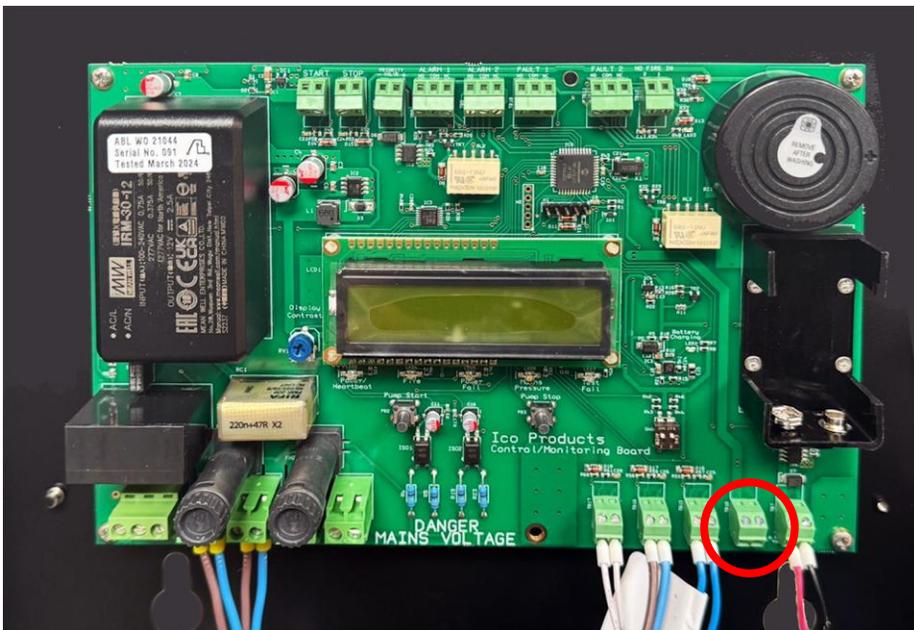
Take the two white wires and thread them behind the board. They will need to be extended using the additional blue wire provided.



8

Plug them into the spare 12V output, the second from the right on the bottom of the board

- Insert the reset button wires into the terminal block and tighten the terminal screws.



9

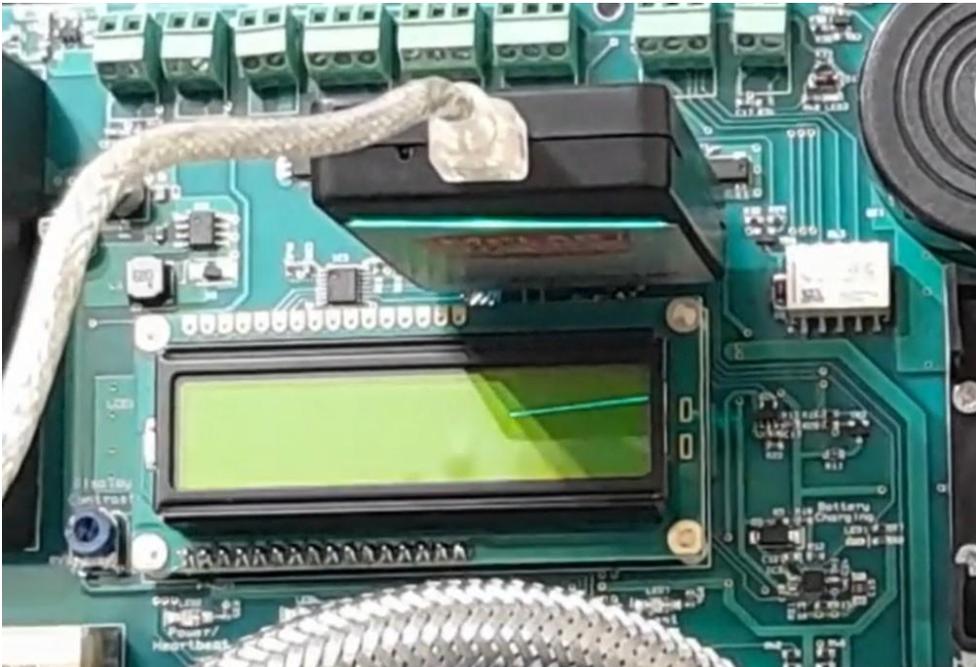
Plug the remaining two wires into the STOP terminal at the top, second from the left, and tuck remaining wire behind the board.

- Insert the reset button wires into the terminal block and tighten the terminal screws.



10

Once all wires are secured in place, switch the pump on and use the Pickit 5 to upload the new software



11

To test the new button and software, begin by starting up the pump and allow it to complete its full setup and self-test.



12

Once ready, push up the float switch in the back right corner of the pump to start a water leak error on the board which should also cause the board to beep.

- Actuate the float switch with a finger.



13

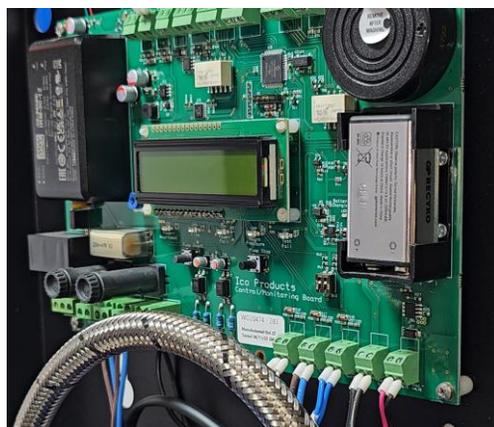
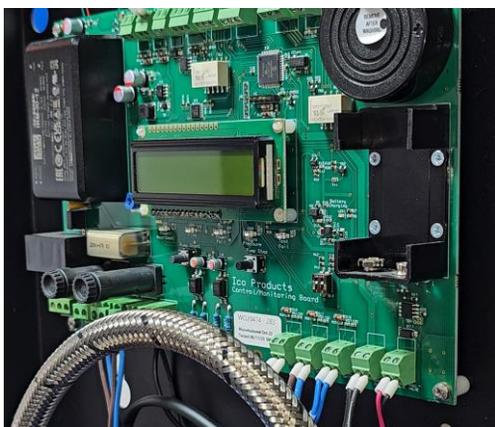
Hold down the button for 10-12 seconds which should mute the beeping on the board and show the MUTED message.



14

Switch off the mains and return the battery

- Install the battery



15

Recommission pump and system

- Turn water supply back on
- Turn on electrical power
- Complete self test
- Check for any leaks
- Refit all enclosures



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