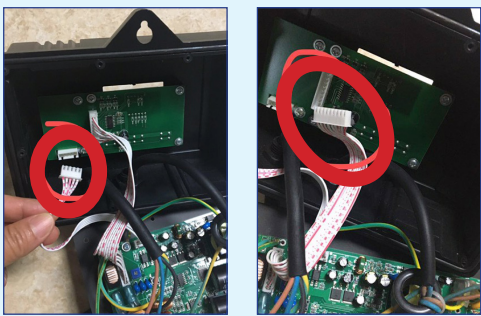


FAULT CODES TROUBLESHOOTING FOR VARIPUMP MODELS MANUFACTURED BEFORE 2021

In the unlikely event of an issue developing with the pump, a 3 digit fault code may display on the controller screen. Use the chart below to understand what these codes mean.



If the controller displays digits but the pump is not working - pull out the power cord and re-start.

FAULT CODE	FAULT	RESOLUTION
E01	Pump is out of water	The pump is working without water.
E02	Over current	Abnormal load over current protection. Please pull out the power plug and re-plug again.
E03	Default phase	Bad contact or loose connection in the motor.
E04	Issue with power cable connecting pump to the control box	<p>Check the cable for signs of visible damage. Or there maybe a loose connection inside the control box. Disconnect the pump from the mains, unscrew the control box and check the connections (see photos). If connections are fitted and the pump still does not work, the control box may be faulty and needs changing.</p> 
E05	Impeller stuck	Rotation clogging protection, if the pump still not working after restart for three times, please re-plug the power. Or clean the impeller (refer to manual)
E06	Over voltage	Over voltage protection when the working voltage is higher than the rated voltage.
E07	Under voltage	Low voltage protection when the working voltage is lower than the rated voltage.
HHH	Reduced mains power supply following a power cut	If the code HHH displays on the control box, it means there is not enough power being supplied to the pump following a power cut. It is likely that there has been mains power cut in your area and when the energy company have restored power the mains supply is not running at full power (e.g. 205 Volts instead of 230 Volts). If you wait a few hours the mains supply will return to normal (230 Volts) and the pump will re-start. This fault code does not mean the pump is faulty.