

## FAULT CODES TROUBLESHOOTING FOR VARIPUMP MODELS MANUFACTURED AFTER 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
<b>E01</b>	Low water protection	Ensure the pump is primed with water.
<b>E02</b>	Motor out of sync	Bad contact or loose connection in the motor. Please pull out the power plug and re-plug again.
<b>E03</b>	Over voltage protection	Check and fix the power source in accordance with the correct voltage supply.
<b>E04</b>	Low voltage protection	Check and fix the power source in accordance with the correct voltage supply.
<b>E05</b>	Impeller blocked	Check and make sure the rotor / impeller is not blocked by any dirt. Disconnect from the mains power and wash and clean the rotor / impeller part. Wait until the display on the LCD is off. Re-connect the power and re-start the pump.
<b>E06</b>	Overcurrent protection	Disconnect from the mains power. Wait until the display on the LCD is off. Re-connect the power and re-start the pump.
<b>HHH</b>	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.