

Fault Diagnosis

If you have a problem with the pump not running or not running as normal the following information may help diagnose the problem.

Always make sure it is connected as per the user manual and check all connections, cables and pipework for damage.

The control box connection should be made so that the cable from the power goes directly to the control box 12V/DC SUPPLY side and the cable to the applicator is connected to APPLICATOR side. The negative (BLACK) cable should not be connected to ground as it is this cable that controls the speed of the motor.

Check tubing for any damage of kinks as this will restrict the flow.

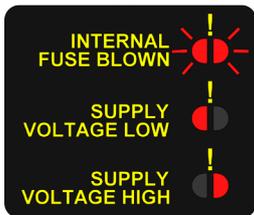
If the pump is siphoning an anti siphoning solenoid assembly should be used to prevent this.

Maintenance

1. Always flush out the system with clean water after use.
2. Store in a clean dry place with the motor end upright.
3. Never allow the pump to stand for long periods while filled with additive.

Control Box Fault indicator

The control box fault indicator will alert you if there is a problem with the supply or if the internal fuse is blown.



If the internal fuse has blown check for reasons why this may have happened before replacing and turning the control box on. ! **Never use a higher fuse than 15 Amps.**

If the supply voltage is low check your supply and all connections. ! **Could be caused by inadequate cable or poor connections.**

If the supply voltage is high. ! **Could be caused by faulty tractor regulator or unregulated power supply.**



3 AMP fuse
Mini Blade type

Fault	Diagnosis	Remedy
Pump will not run	Fuse blown	Check the internal control box fuse and for reasons why it has blown before replacing.
	Supply Low voltage indicator illuminated	Check supply and wiring connections
	Wires incorrectly connected or damaged	Check the wiring is connected correctly
	Seized or damaged pump	Contact Selmech Supplies
Pump runs but poor or no output	Pump leads incorrectly connected causing the pump to run backwards	Connect leads correctly. This could have damaged the in cab speed controller and/or the pump.
	Tubing kinked or split	Check tubing/remove kink and re-route tubing
	Jet blocked or wrong size jet	Clean jet or fit bigger jet
	Barrel level low or empty	Readjust controlled flowmeter or refill barrel
	Defective pump	Contact Selmech Supplies
Wrong application rate	Incorrect jet size	Consult calibration guide and fit appropriate jet
	Control box malfunctioning	Contact Selmech Supplies
Pump Siphoning	Application point below tank	Move application point or fit anti-siphoning solenoid valve