

Step 1. Fitting Instructions



ALWAYS DISCONNECT THE MAINS SUPPLY
BEFORE OPENING UNIT.
ALWAYS DISCONNECT THE MAINS SUPPLY
BEFORE CONNECTING THE PUMP

This S2 unit is supplied already wired. There is no need to disconnect any wires. Follow these instructions carefully and refer to the wiring diagram.

IT IS RECOMMENDED THAT YOUR S2 IS FITTED AGAINST A WALL OR SIMILAR VERTICAL SURFACE.

1. Ensure the S2 is NOT PLUGGED into the MAINS SUPPLY.
2. Remove the top cover by loosening the four corner screws. These screws are quarter turn. Using a large pozidrive screw driver, push the screw down and through a quarter turn then release. The screw should pop up. DO NOT continuously turn.
3. Carefully remove the top cover. Replace any keycaps on the controller switches carefully.
4. Screw unit to the wall or vertical surface through the four ready drilled holes in the corners of the back box.
5. Carefully replace the top cover and tighten the four corner screws quarter turn screws, using the reverse procedure to instruction 2. above.

You are now ready to control your pump.

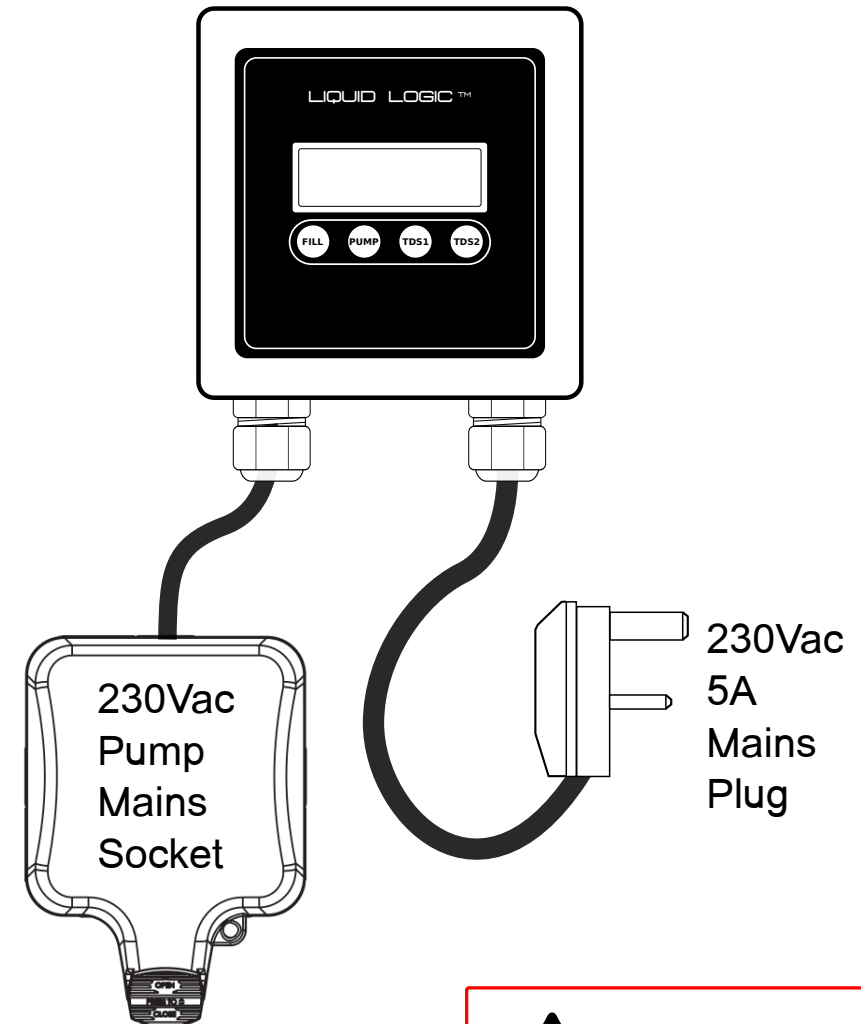
NOTE: Only switch on MAINS SUPPLY to the 230Vac 5A Mains Plug once front cover has been re-fitted.

DISCLAIMER

Unit must be installed by a competent electrician or electrical engineer. Failure to comply with these instructions could invalidate your warranty.

Wiring Diagram

Connect the pump controller following this diagram and the Fitting Instructions.



Connect your 230Vac mains powered pump by plugging in to this socket,



ALWAYS DISCONNECT THE MAINS SUPPLY
BEFORE OPENING UNIT.



Operating Warnings

Set up your system carefully. Follow these instructions very closely and pay close attention to the warnings and diagrams.

The S2 is fused at 5A. Always fit the correct 5A quick blow mains fuse. The S2 can control pumps up to 1000VA (1000W). DO NOT USE THE S2 WITH PUMPS GREATER THAN 1000VA.

Although the S2 and the Pump Mains Socket are supplied in waterproof enclosures, the mains plug IS NOT WATERPROOF. Do not plug the mains plug into a socket that could become wet during pumping as this will prove extremely hazardous.

CLOSE 230Vac PUMP MAINS SOCKET BEFORE TURNING ON S2 AND PUMP IF CONNECTION CAN GET SPLASHED OR WET IN USE.

KEEP 230Vac 5A MAINS PLUG DRY AND WELL AWAY FROM ANY WATER OR MOISTURE.

Specification	Value
Mains Supply Voltage	90 - 260 Vac
Pump Voltage	90 - 260 Vac
Fuse Rating	5A Quick Blow
Maximum Pump Power	1000VA
Enclosure Material	ABS
Water Resistance	IP65 (S2 box and socket)
Dimensions - S2	120 x 120 x 55(mm)
Working Temperature	0 to 40 Deg C


DISCLAIMER
THE MANUFACTURER RESERVES THE RIGHT TO MAKE CHANGES TO ANY PRODUCT HEREIN TO IMPROVE RELIABILITY, FUNCTION OR DESIGN. THE MANUFACTURER DOES NOT ASSUME ANY LIABILITY ARISING OUT OF THE APPLICATION OR USE OF ANY PRODUCT OR CIRCUIT DESCRIBED HEREIN.


Operator Controls


The controller is equipped with the following controls.

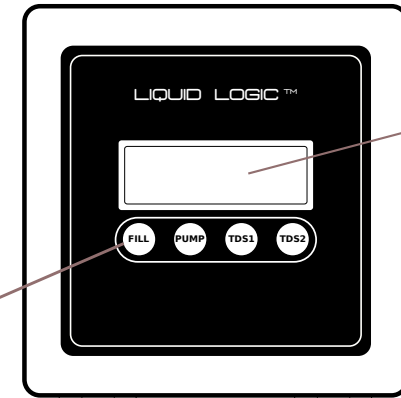
User Buttons

Start/Stop filling 

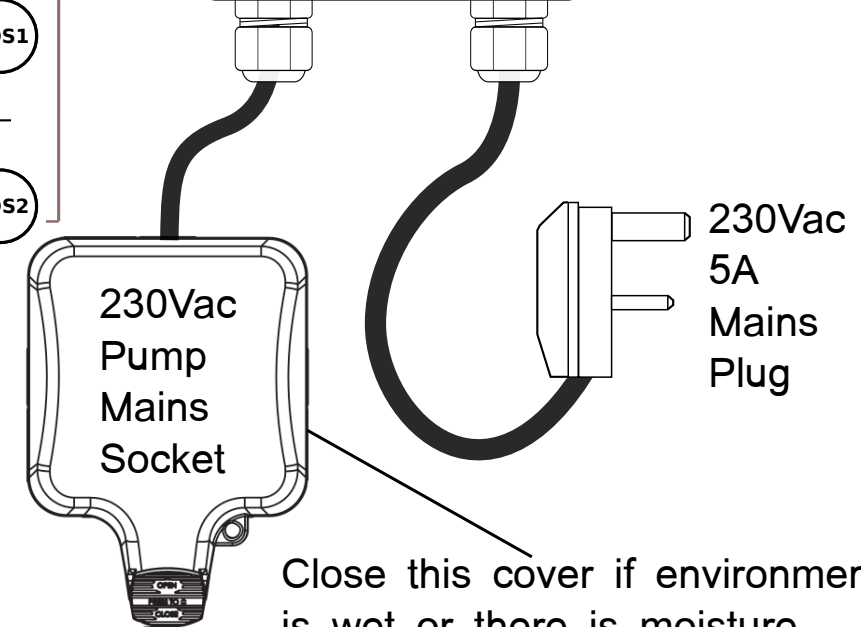
Start or stop pump 

Display TDS1 value 

Display TDS2 value 



4 Digit display



ALWAYS DISCONNECT THE MAINS SUPPLY BEFORE OPENING UNIT.
ALWAYS DISCONNECT THE MAINS SUPPLY BEFORE MAKING CONNECTIONS TO PUMP