Operating Warnings

The DI Saver will perform a DI Bypass after every flush (excluding manual flushes) this will send the post flush high TDS water to waste in order to extend the life of the DI resin.

Ensure that the solenoid valves are set up in accordance with the system diagram.

Depending on which setting the controller is set to the system will either Autoflush every hour or Autoflush just once at the start of filling.

The system will fill automatically as long as the tank is not already full. Filling will activate the Autofill solenoid valve allowing water to fill the tank until the level switch detects that the tank is full.

The controller constantly monitors the Dead End detection and Low Battery protection while in fill mode to protect your system.

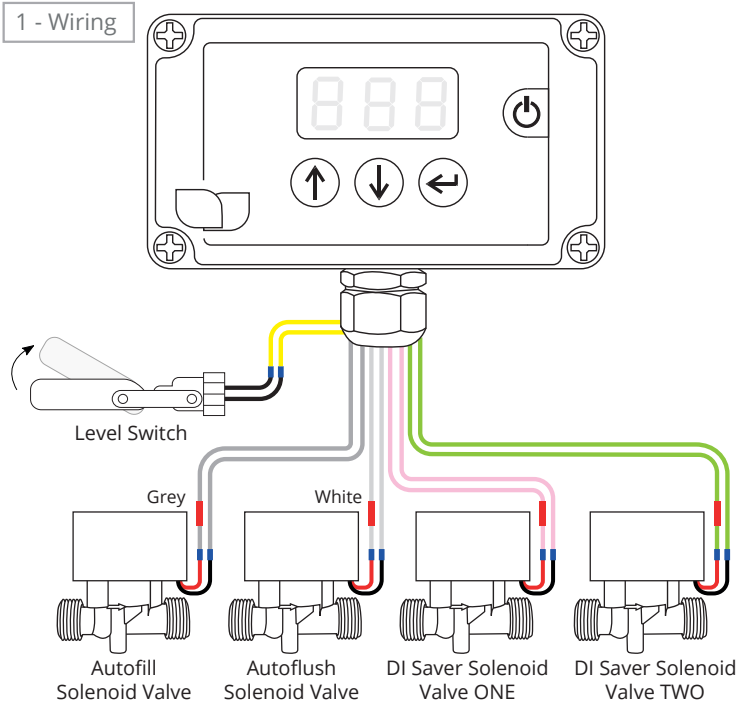
For more information and videos on how to use Spring controllers please visit: www.springltd.co/videos

PATENT PENDING 1918133.8

VI6

DI Saver Additional Wiring

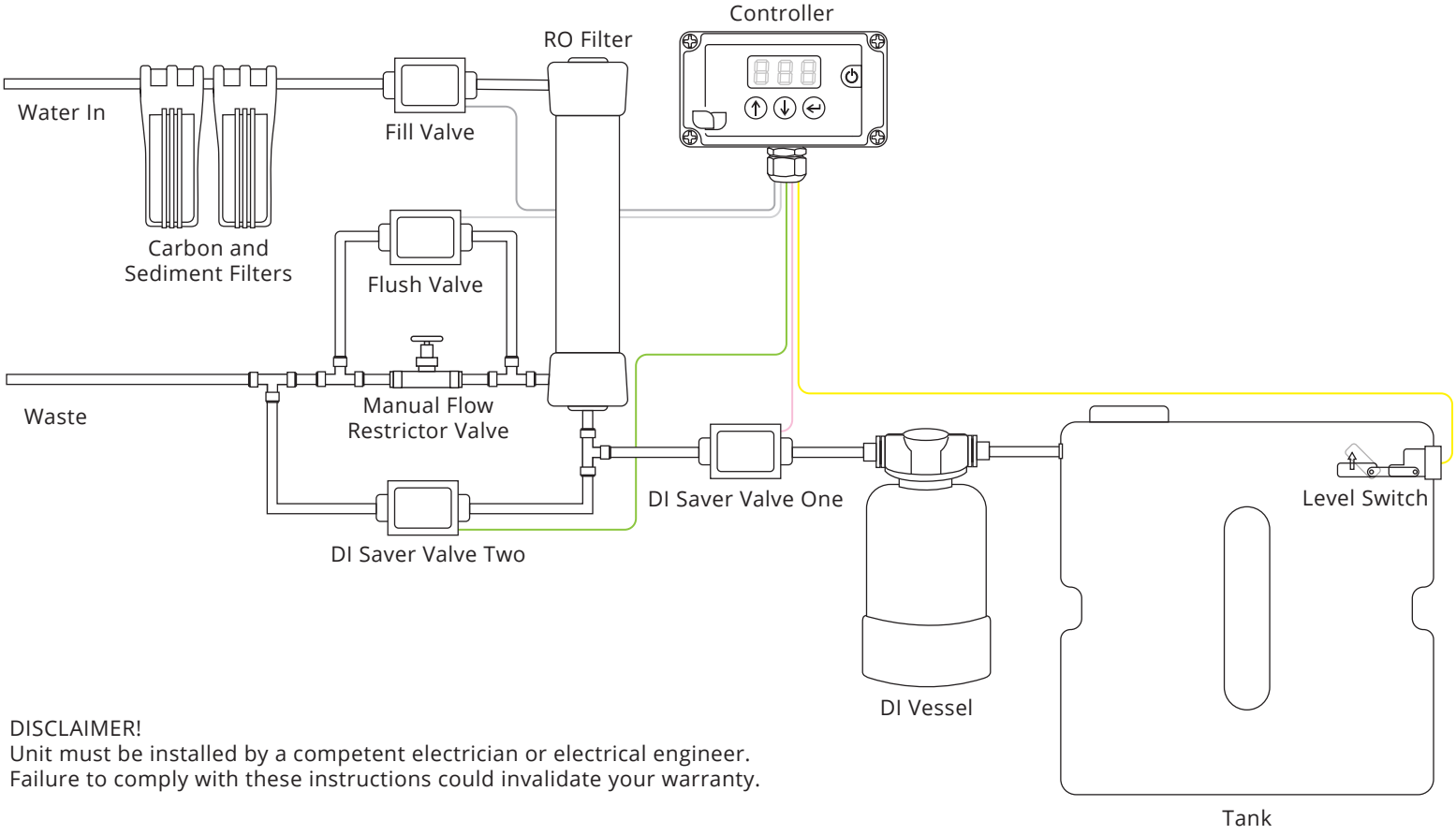
1 - Wiring



Connect the pump controller in accordance with this diagram.
NOTE: only fit the fuse once all connections are made.

Spring solenoid valves come fitted with grey wires and can be fitted either way round.

Make sure correct fuse is fitted inline. Failure to do so may result in damage to the unit.
Observe correct battery polarity. Failure to do so may result in damage to the unit.



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

The controller has two filling modes:

1. One time fill (stops when the level switch activates/lifts)
2. Fill on demand (refills every time the level switch drops)

To select the required filling mode press and hold the down and enter buttons to enter the menu, then press enter until FOd (fill on demand) is displayed.

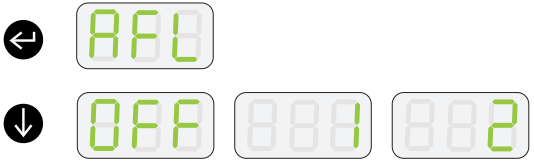
Press up or down to change between on and off. Off will set the controller to 'one time fill'. On will set the controller to 'fill on demand'.

Press enter to display the next setting. Fill Delay will only appear when FOd is set to on.

Fdy is the time delay in minutes from the tank reaching full and the filling re-starting should the water level drop. You can set this delay from 0-10 minutes with the up and down buttons. Setting to '0' turns the delay off. Press enter to display the next setting.

The next setting is Autoflush. Your controller has three Autoflush modes:

OFF	Autoflush is off
1	Whilst filling repeat Autoflush every hour (first flush 300 seconds + 120 seconds DI Bypass. Subsequent flushes 40 seconds + 120 seconds DI Bypass)
2	Autoflush just once at the start of every fill (300 seconds + 120 seconds DI Bypass)



Select the required Autoflush mode with the up or down button. Then press enter to move to the next setting.

The next setting is manual flush. This option can only be seen when the system is not filling.

Setting the manual flush to ON will flush the system for a predetermined time (set by distributor). The system will flush.
Please note: DI bypass is not performed after a manual flush.

Changing this setting to OFF will stop the manual flush.

Select the required setting with the up or down button. Then press enter to set.

To start filling the tank (only when FOd is off) press and hold the up and down buttons. This will fill the tank until the float switch detects that the tank is full.

The tank can be filled when the unit is on (even when pumping) or when the unit is turned off. While the tank is filling, the display will flash FIL.

To manually stop the tank filling press and hold the up and down buttons again. The display will stop showing FIL.

Fill on demand is effectively a tank level control that keeps the tank topped up to the level switch. The solenoid valve will be turned off if the unit detects a low battery (below +10.5V).

FLU will be displayed during a flush.

dIb will be displayed during a DI Bypass.

FUL will be displayed if a fill is started but the float switch is activated.