

A background image of water splashing, with a vertical stream of water falling from the top and a larger splash at the bottom, creating ripples and bubbles. The water is light blue and white against a white background.

Undersink/Sullage Chamber Controllers & Alarms

Section 7

Common Features

In instances where under sink / sullage chamber pump systems are installed, there is often a requirement for a High Level Alarm to provide audible and visual indication. MATElec has further developed this Alarm Panel to provide additional features such as Dishwasher Interlock and Water Supply Interlock.

In the event of High Level the Dishwasher Interlock System immediately isolates power to the Dishwasher, insuring that no further 'inflow' to the chamber occurs. Similarly, in the event of a High Level the Valve Interlock System isolates water flow to the sink by way of pulsing a solenoid valve closed, ensuring no further black water is discharged from the sink into the chamber. Another feature of this system is that, in the event of a power failure (the pump not being able to pump), the valve is automatically pulsed closed.

The systems are supplied in 'Kit Form' complete with Level Switch, Valve and GPO (for Dishwasher) and no High Voltage connections are required.

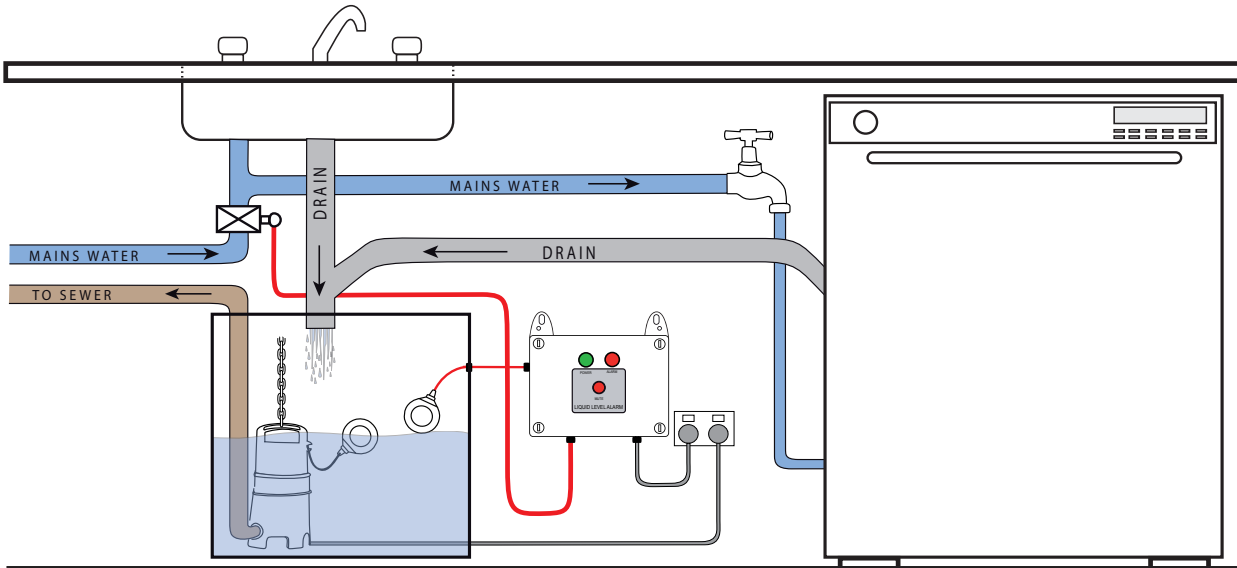
Common to all systems is the Visual and Audible (which can be muted) alarms.

The Range

| Product Code | Description | Valve Type | Float Switch | Enclosure Type |
|--------------|--|------------|-------------------------|----------------|
| FPC-12659 | Level Alarm c/w Valve Interlock | 25mm | 9006 NRB 2.5mm Cable | Poly |
| FPC-12660 | Level Alarm c/w Dishwasher Interlock | N/A | 9006 NRB 2.5mm Cable | Poly |
| FPC-12661 | Level Alarm c/w Valve & Dishwasher Interlock | 25mm | 9006 NRB 2.5mm Cable | Poly |
| FPC-12662 | Level Alarm c/w Valve & Dishwasher Interlock & Drip Tray Moisture Sensor | 25mm | 9006 NRB 2.5mm Cable | Poly |

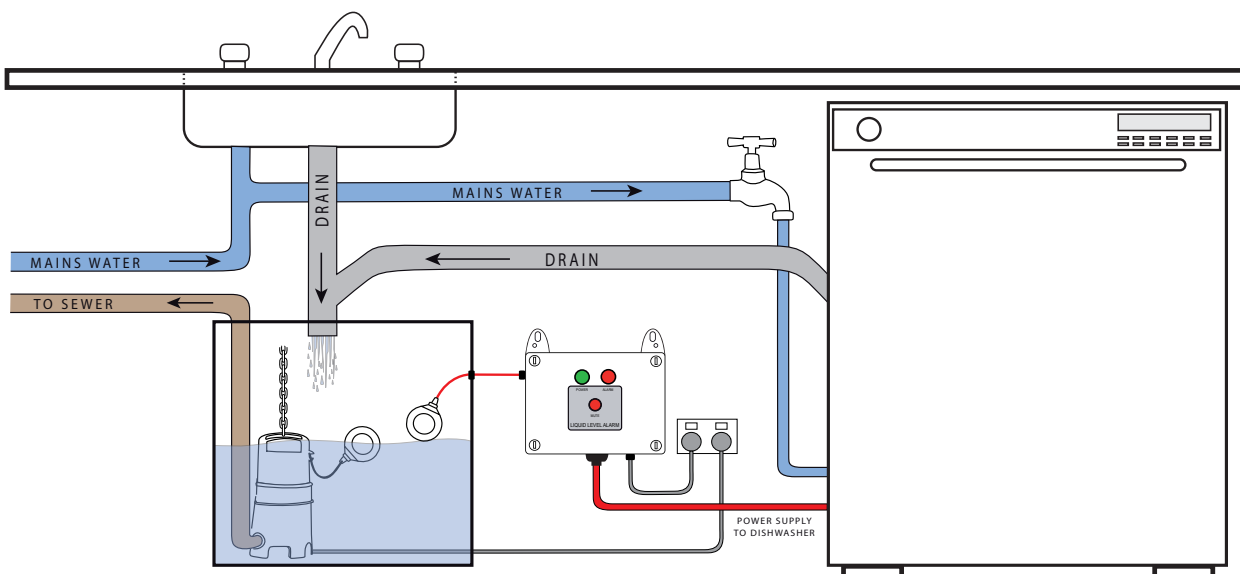
Level Alarm c/w Valve Interlock FPC-12659

In the event of 'High Level', water supply to the sink is interrupted.



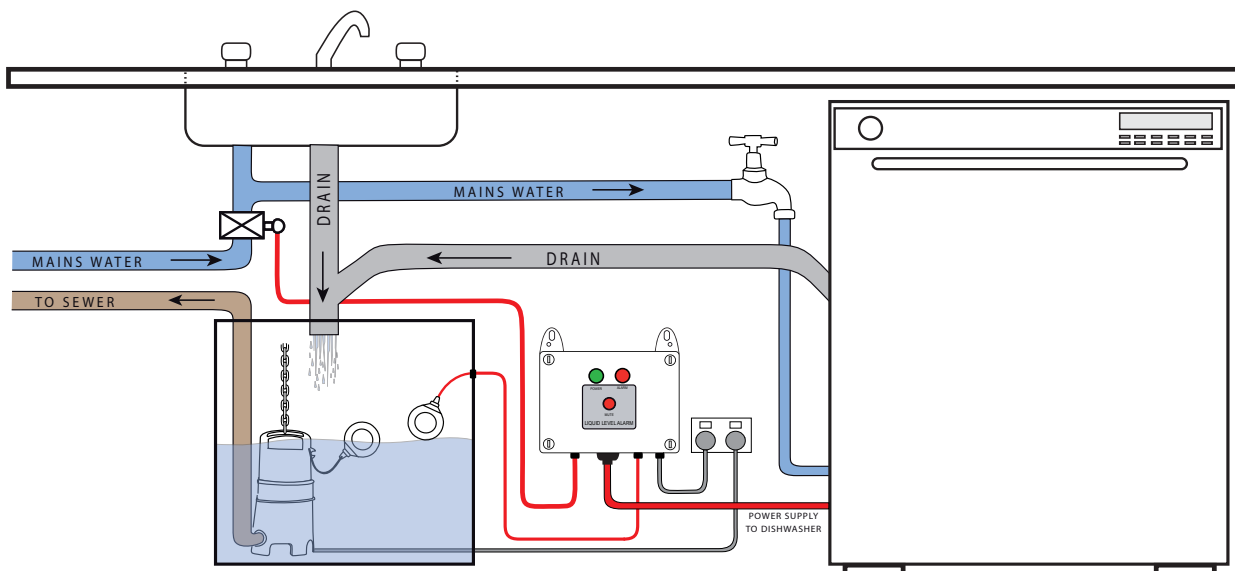
Level Alarm c/w Dishwasher Interlock FPC-12660

In the event of 'High Level', power supply to the dishwasher is interrupted.



Level Alarm c/w Valve & Dishwasher Interlock FPC-12661

In the event of 'High Level', water supply to the sink and power supply to the dishwasher are interrupted.



Level Alarm c/w Valve & Dishwasher Interlock & Drip Tray Moisture Sensor FPC-12662

In the event of 'High Level' or water being present in the drip tray water supply to the sink and power supply to the dishwasher are interrupted.

