LIQUID LEVEL ALARM & VALVE SHUTOFF

FPC-12659

FUNCTIONAL OVERVIEW

In addition to both audible and visual alarms being activated when a high level occurs, the controller is designed to isolate mains water, to the sink by way of a pulse latching solenoid valve. This ensures no further mains water enters the sink, which in turn, would enter the chamber.

OPERATION

In the event of 'high level', the high level light will commence flashing, the audible buzzer will commence sounding and the valve, located on the mains water line, will close.
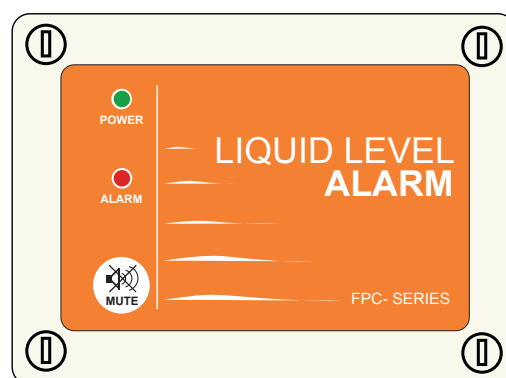
The high level indicator light will remain flashing until the water level in the chamber has subsided.

The audible buzzer can be muted by way of the mute button located on the front of the panel.
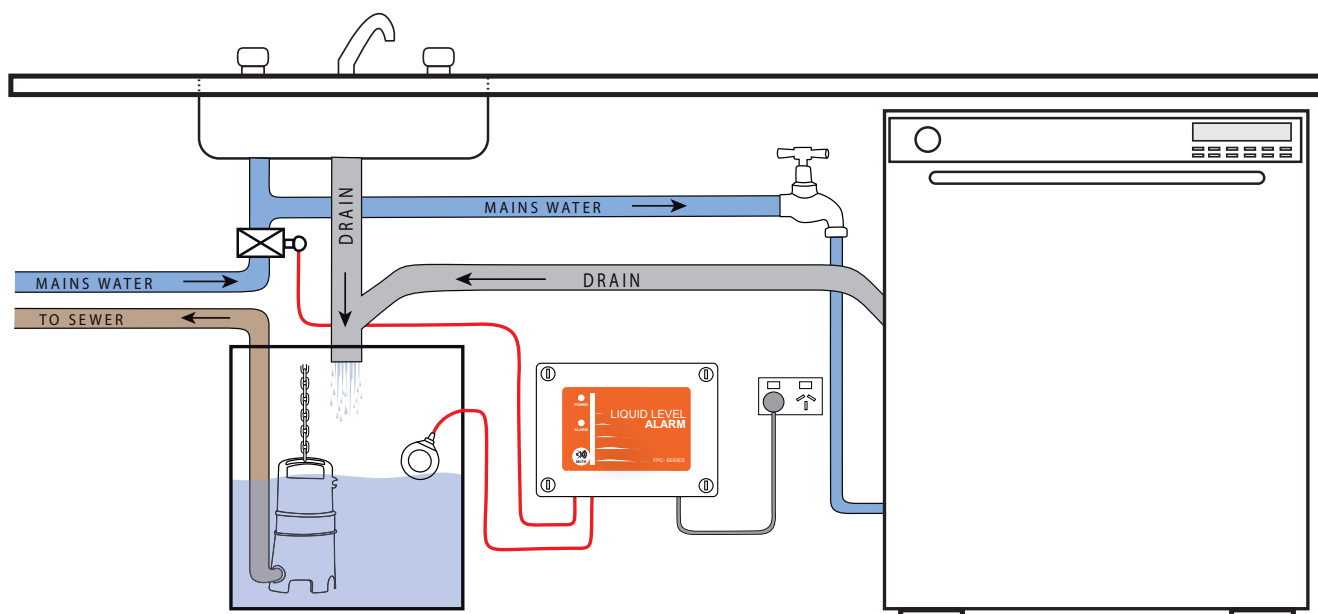
The valve will remain closed until the water level in the chamber subsides.

Another feature of the unit is, if the power supply to the controller is switched off, the valve immediately closes.

The valve has a manual override lever, which can be used should mains water be required, whilst a 'high level' or power failure is present.

SCHEMATIC

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CONNECTION DETAILS

NOTE: ALL CABLE CONNECTIONS MUST BE CARRIED OUT BY A SUITABLY QUALIFIED ELECTRICIAN

1:      Ensure power to the unit is disconnected before carrying out installation.

2:      Mount Panel in vertical position so that cable penetrations are on the underside of the panel.

3:      Ensure valve is installed in accordance with local Plumbing Codes.

4:      Install Float Switch as indicated in the Schematic **(See reverse page)**.

5:      Cable connection:
        - Feed Valve cabling through glanded penetration provided.
          Connect valve to connectors provided within the enclosure **(See Figure 1)**.
        - Feed Float Switch cabling through glanded penetration provided.
          Connect Float Switch cabling to connector provided. Contacts 'Close on Rise' **(See Figure 1)**
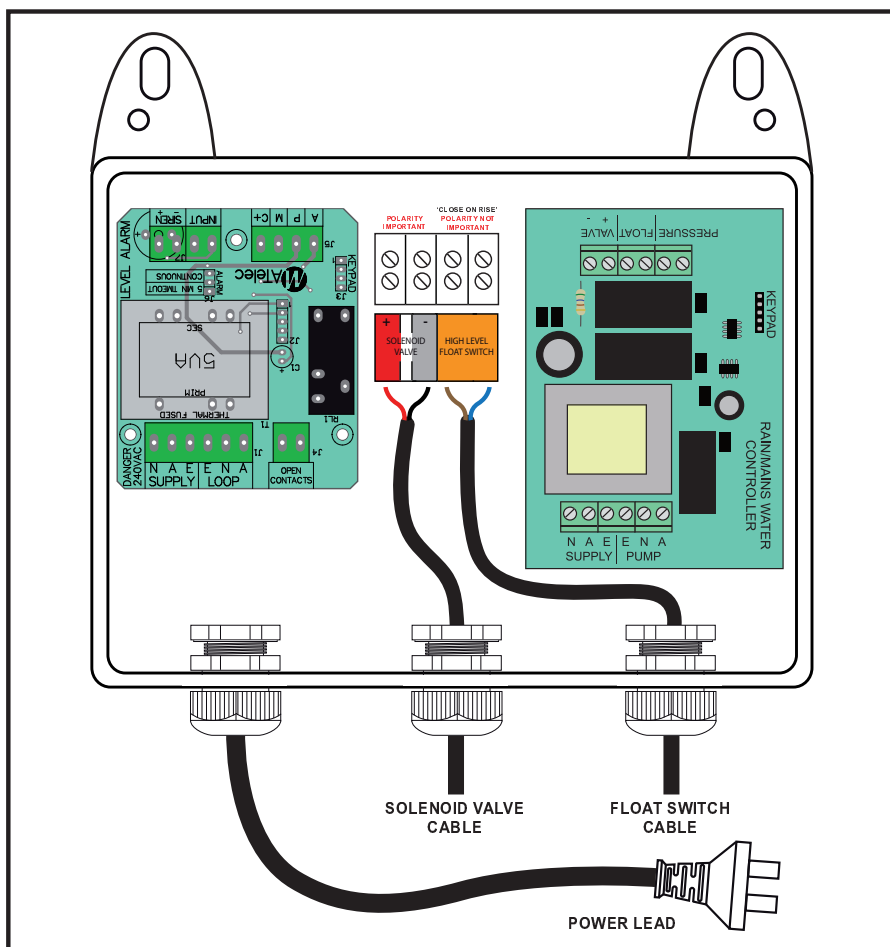   - Replace and fix down panel cover plate.

FIGURE 1

6:      Plug the unit's power lead into RCD protected GPO, and switch power on.

7:      Your unit is now ready for use.