



CONTROL PANELS

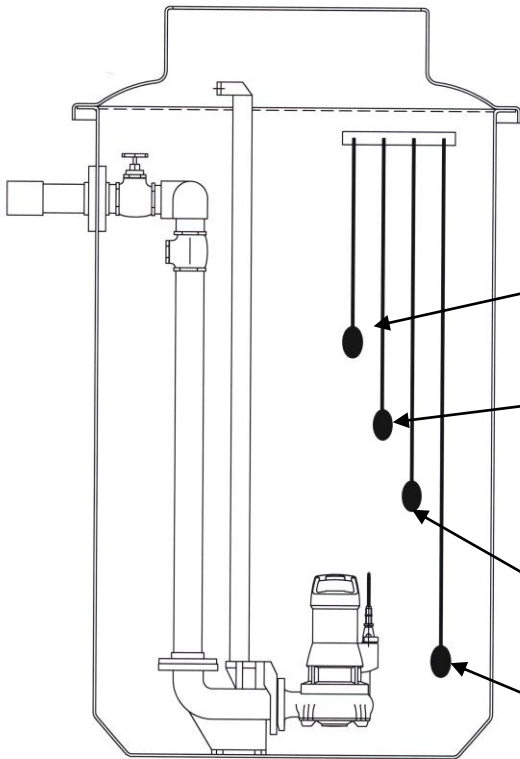
Pump Technology Ltd can supply any control panel to meet the customers specification.

We can offer single to multiple pump controls, GSM or landline telemetry, ATEX rated, battery backup and hour run meters.

Applications:

- Domestic
- Retail
- Light Commercial
- Commercial

EXAMPLE OF A DUAL PUMP CONTROL PANEL OPERATION



SYSTEM OPERATION

The system controls the level into the storage tank automatically via the non-mercury operated float switches.

Assist Start Float is set to the level at which the second pump is required to start.

High Level Float is set to the level at which the alarm is required to give warnings of potential flood conditions. This should be set at the level of the **INLET** to maximise the tank capacity.

Duty Start Float is set to the level at which the first pump is required to start.

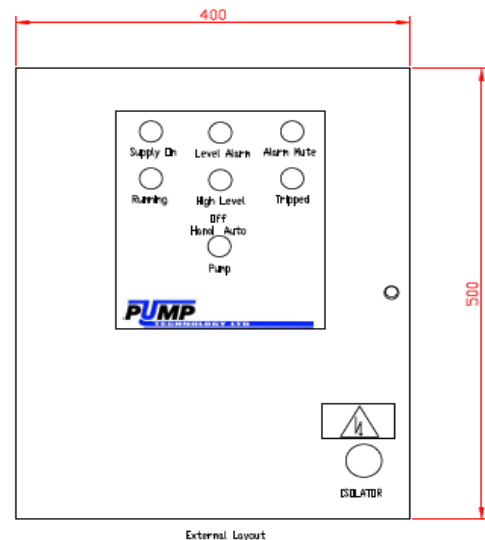
Stop Float is set to the level at which the pumps are required to stop. This **must** be set above the volute of the pump.

DUAL PUMP CONTROL PANEL

The panel allows for manual run and test of the pumps and also automatic operation, giving a changeover of duty after each cycle, to give even pump wear.

The control voltage is kept low by the use of an isolating transformer giving 24V AC to the remote non-mercury switches and door mounted instruments.

| | INDICATOR | LAMP COLOUR |
|----------|----------------------|-------------|
| A | Pump 1 Running | Green |
| B | Pump 1 Tripped | Red |
| C | Control Healthy | White |
| D | Pump 2 Running | Green |
| E | Pump 2 Tripped | Red |
| F | Pump1: hand-off-auto | |
| G | High Level | Red |
| H | Pump2: hand-off-auto | |
| J | Cancel Alarm | |
| K | Audible Alarm | |
| L | Isolator: On-Off | |



External Layout