

General Installation Instructions For Lift Pit Pump System

1. Mount the steel enclosure onto a suitable wall, using suitable fixings for the weight and wall material/construction. (fixings not supplied).
2. The required power supply is 13amp- 230v single phase. A fused spur is recommended. Entry into the enclosure at any suitable point for your installation. Use a cable gland (not supplied) for the entry.
3. The AC power supply is made directly into the rotary isolator of the pump controller.
4. Make a suitable earth bond to the enclosure and the installed copper pipework.
5. The up lift pipe (not supplied) is best from 28mm copper which must have the supplied strainer foot valve fitted at the bottom. The strainer foot valve should be just above the pit floor say 5-10mm
6. The discharge pipe (rising main - not supplied), is also from 28mm copper. This is to be run to the point of exit. Please note: if the discharge is into a water course or a system to the public sewers/drains and there is the possibility of oil contamination, a separator is usually required.
7. The control floats or probes are mounted into the lift pit. These are wired back into the control panel. We test each unit before it leaves our works. We leave the floats/probes wired into the panel for your reference.
8. The bottom float or probe is the common and should be located at the bottom of the lift pit. The next float/probe turns the pump on, and should be at the point at which you do not want the water to rise any further. The top float/probe is the alarm.