

Surface Water Attenuation / Pump Station

Our offer includes the following:

- Vortech GRP Horizontal chamber pre-fitted with pedestals, guiderails, pipework, float switch bracket, isolation and non-return valves.
- Submersible Drainage Pumps with 1 phase motors, stainless steel pump and motor casing
- IP54 Control Panel to suit pump specification
- 4no Float Switches
- Lifting Chains and D Shackles to suit pump weights and chamber depth
- Delivery to site of all the above (offloading by others)

Specification

System Type	: Vortech HG18.510.2P.50.GR
Liquid Handled	: Surface Water
Pump Type	: UNILIFT AP35B.50.08.1V 1x230V 10m SCH
No of pumps	: 2
Design Flow Rate	: 5 l/sec (max)
Design Total Head	: 3.1m
Max Solids Capacity	: 35mm
Impeller Design	: Vortex
Motor Rating	: 0.71 kw
Motor Speed	: 2795 RPM
Supply Voltage	: 230/1/50
Full Load Current (per pump)	: 5.44 amps
Method of Starting	: DOL
Control Panel	: CK13M/5.5-8 - 230v Twin Pump Control Panel, 5.5-8 amps with plastic enclosure, VFC's, hand/off/auto selector, run and trip lamps and high level alarm
Level Controls	: 4no Float Switches
Control Sequence	: Duty / Standby
Length of Cable	: 10m
Pump Discharge Size	: 2"
Pipes and Valves	: 50mm
Final Discharge	: 90mm Compression Fitting
Pipe Materials	: PVC
Rising Main Required (by others)	: 90mm OD PE100 SDR11 Black Pipe
Chamber	: Horizontal GRP pump chamber, 1800mm diameter x 5100mm long
Neck depth	: 100mm (concrete or brick, by others)
Storage Volume	: 12,000 Litres
Access Cover & Frame	: 10 Tonne Galvanized 1000x800 clear opening, single seal
Inlets	: 110mm / 160mm spigots to suit site requirements