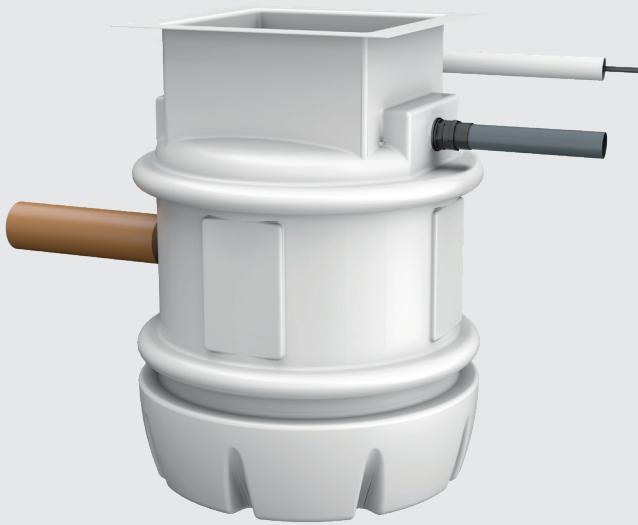
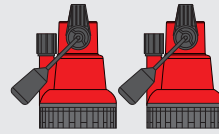


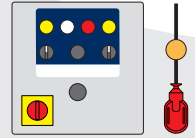
SumpFlush Twin 650-1000 c/w Timer Control Panel



SYSTEM OVERVIEW



Two free-standing automatic pumps



10-hour changeover control panel with high level alarm and volt-free contact



1 1/4" Class E PVC pipework



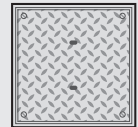
1 1/4" Class E PVC discharge



110 mm inlet



50 mm cable duct



Access cover, solid top, locking, galvanised steel, FACTA A

The SumpFlush Twin 650-100 is a fully automatic wastewater pumping system suitable for pumping surface and/or ground water to a higher level when gravity drainage is not possible and/or economical to install.

The system provides up to 165 litre storage capacity depending inlet depth. It can accept waste from car parks, car washes, floor areas, down pipes, cavity membrane systems or similar.

It is not suitable for receiving foul waste. Contact our Sales Team for advice on a suitable foul water packaged pumping stations for your property.

The system consists of a polyethylene tank, two automatic wastewater submersible pumps, timer control panel and a solid top, locking, galvanised steel access cover (FACTA A).

The control panel balances the wear between the two pumps, and provides a high level alarm and volt-free contacts for remote monitoring.

It discharges to solvent welded 1 1/4" Class E PVC. Optional discharge reducer kits can increase external discharge diameter to 1 1/2" or 2" to reduce friction loss.

It is easy to install as inlets can be positioned to your site's requirements. Inlet information to be supplied at time of order, or can be drilled on site.

KEY FEATURES

- Vortex impellor for high flow rates
- Control panel for timed changeover, high level alarm and volt-free contacts
- Up to 165 litres storage capacity
- Compact chamber for limited space installations
- Ideal for an extension, outbuilding, basement or similar
- 450 mm x 450 mm clear opening
- Variable inlet positions to suit site
- A range of battery backup systems are available
- Quick and simple to install

WASTE TYPE



Grey



Ground



Surface



Storm

For groundwater and surface water applications where inflow cannot be controlled, a battery backup system should be used, in accordance with BS 8102:2022 and PCA Guidelines. Battery backup systems can be purchased to your specification.

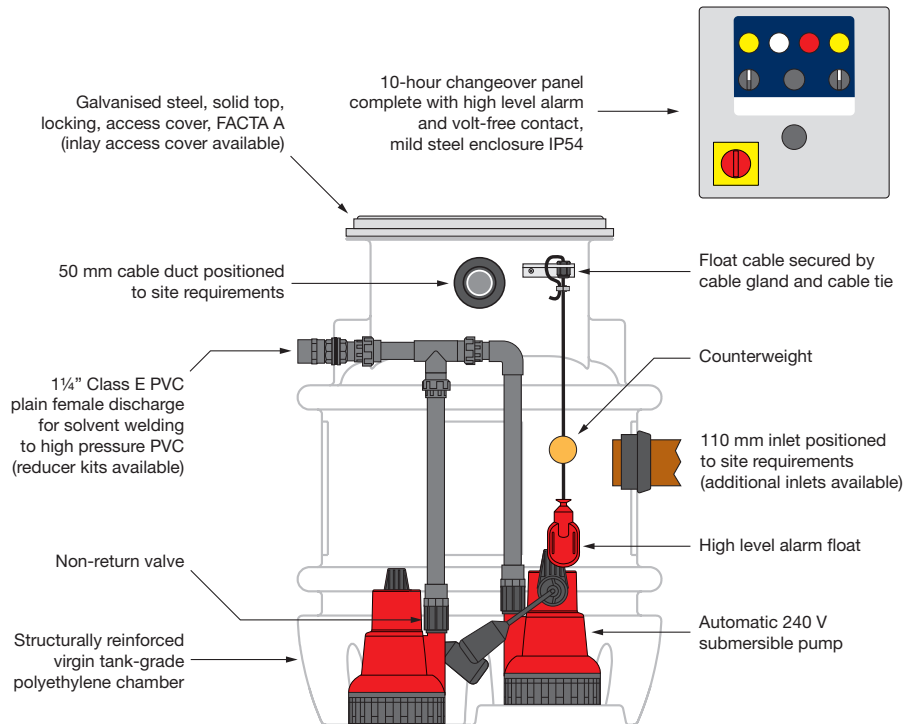
RECOMMENDED ACCESSORIES

| | | | | | |
|--|---|---|--|--|---|
| <p>UPS 2000</p>  <p>#29161</p> | <p>PowerShield 500</p>  <p>#37501</p> | <p>Battery backup, 24 V</p>  <p>Please call</p> | <p>Inlay access cover</p>  <p>#18011</p> | <p>Additional inlet</p> <p>110 mm 50 mm</p>  <p>#17010 #17012</p> | <p>Discharge reducer kit</p> <p>1 1/2" to 1 1/4" 2" to 1 1/4"</p>  <p>#8203 #8202</p> |
|--|---|---|--|--|---|

All our products can be customised to your requirements. For more information and advice please call our Sales Team on 01442 211554.

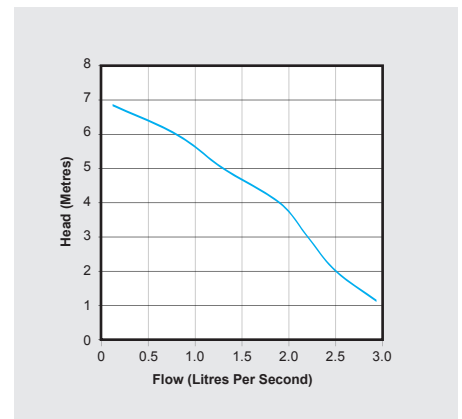
SumpFlush Twin 650-1000 c/w Timer Control Panel

TYPICAL INSTALLATION



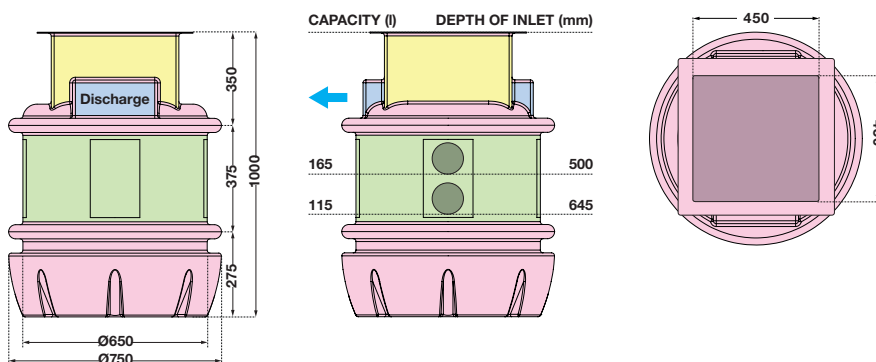
PUMP SPECIFICATIONS

| | |
|-------------------------------|-----------|
| Number of pumps | Two |
| Impellor type | Vortex |
| Control | Automatic |
| Power supply | 230 VAC |
| Rated current per pump | 1.9 A |
| Motor rating (P2) per pump | 180 W |
| Revolutions per min. | 2800 |
| Discharge size | 1 1/4" |
| Free passage | 10 mm |
| Max. vertical output per pump | 6.8 m |
| Max. flow rate per pump | 2.9 l/s |
| Max liquid temp. | <40 °C |
| Cable length | 5 m |
| Weight | 5.2 kg |



CHAMBER DIMENSIONS

Shows indicative capacities from lowest inlet invert.



Permitted connection positions

| | | | |
|----------------|------------------------|----------------------------|---------------------|
| Discharge only | Inlet location allowed | Cable ducts and vents only | No drilling allowed |
|----------------|------------------------|----------------------------|---------------------|

CHAMBER SPECIFICATIONS

| | |
|--------------------------|-------------------------|
| Internal pipework | 1 1/4" OD Class E PVC |
| Discharge pipework | 1 1/4" OD Class E PVC |
| Lifting eyes | No |
| Maximum storage capacity | 165 litres |
| Chamber material | Tank-grade polyethylene |
| Dimensions (Ø x H) | 750 x 1000 mm |
| Clear opening | 450 x 450 mm |

ACCESS COVER

| | |
|------------------------|-------------------------|
| Material | Galvanised steel |
| Cover type | Solid top |
| Locking | 4 screws |
| Loading | Pedestrian duty FACTA A |
| Clear opening (H x W) | 450 x 450 mm |
| Dimensions (H x W x D) | 515 x 515 x 40 mm |

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