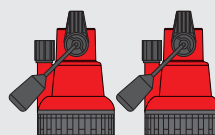


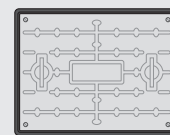
SumpFlush Twin 800-1750



SYSTEM OVERVIEW



Two free-standing automatic pumps



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



1 1/4" Class E PVC pipework



110 mm inlet



1 1/4" Class E PVC discharge



50 mm cable duct



1 1/4" brass valves



110 mm inlet

The SumpFlush Twin 800-1750 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 575 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, Class E PVC internal pipework with brass valves, two automatic wastewater submersible pumps and a solid top, locking, galvanised steel access cover (FACTA A).

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. Compression fittings are also available for discharging to MDPE pipework.

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
- Twin pumps for backup if one of the pumps fail
- Up to 575 litres storage capacity
- Ideal for an extension, outbuilding, basement or similar
- 600 mm x 450 mm clear opening
- Variable inlet positions to suit site
- A range of battery backup systems are available
- A range of alarms and remote alerts 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 high level alarm and battery backup system should be used, in accordance with BS 8102:2022 and PCA Guidelines. High level alarms and battery backup systems can be purchased to your specification.

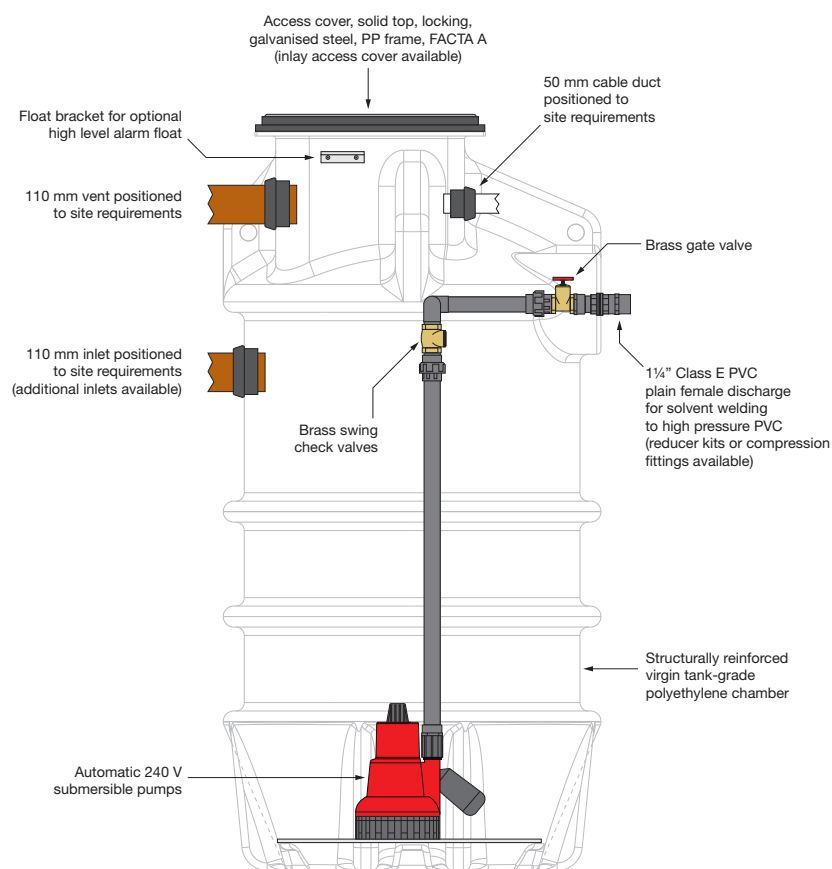
RECOMMENDED ACCESSORIES

| AquaSafe Alarm (Sump) | UPS 2000 | PowerShield 500 | Inlay access cover | Additional inlet | Discharge reducer kit | Compression adaptor |
|-----------------------|----------|-----------------|--------------------|------------------|-----------------------|---------------------|
| | | | | | | |
| #22071 | #29161 | #37501 | #18004 | #17010 #17012 | #8203 #8202 | #27090 |

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

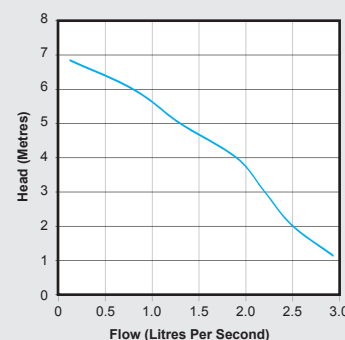
SumpFlush Twin 800-1750

TYPICAL INSTALLATION



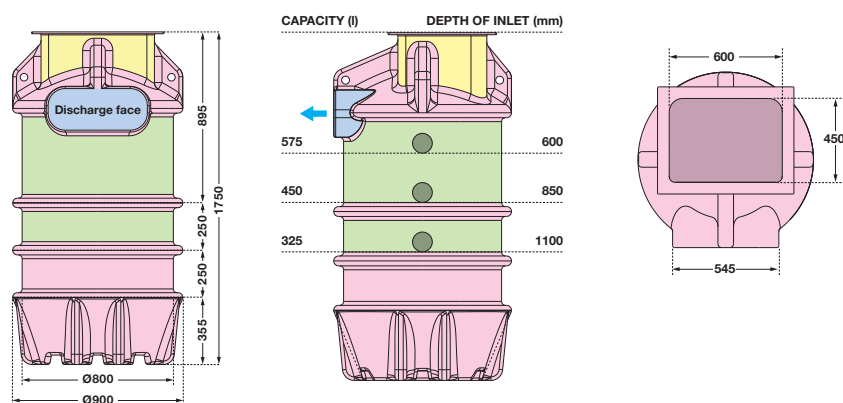
PUMP SPECIFICATIONS

| | |
|-------------------------------|-----------|
| 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 | 4 no |
| Maximum storage capacity | 575 litres |
| Chamber material | Tank-grade polyethylene |
| Dimensions (Ø x H) | 900 x 1750 mm |
| Clear opening | 600 x 450 mm |

ACCESS COVER

| | |
|------------------------|----------------------------|
| Material | Galvanised steel, PP frame |
| Cover type | Solid top |
| Locking | 4 screws |
| Loading | Pedestrian duty FACTA A |
| Clear opening (H x W) | 600 x 450 mm |
| Dimensions (L x W x D) | 663 x 513 x 30 mm |

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Unit 7, Heron Business Park, Eastman Way,
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