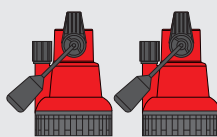


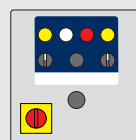
# SumpFlushHP Twin 800-1250 c/w Timer Control Panel



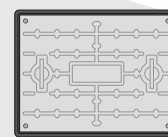
## SYSTEM OVERVIEW



Two free-standing automatic pumps



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



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



110 mm inlet



50 mm cable duct



110 mm inlet



1 1/4" Class E PVC pipework



1 1/4" Class E PVC discharge



1 1/4" brass valves



The SumpFlushHP Twin 800-1250 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 325 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 powerful automatic wastewater submersible pumps 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. 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

- Powerful vortex pumps for high head and flow
- Twin pumps for backup if one of the pumps fail
- Control panel for timed changeover, high level alarm and volt-free contacts
- Up to 325 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 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

### UPS 3000



#29000

### PowerShield 1500



#37507

### Inlay access cover



#18004

### Additional inlet



110 mm 50 mm  
#17010 #17012

### Discharge reducer kit



1 1/2" to 1 1/4" 2" to 1 1/4"  
#8203 #8202

### Compression adaptor

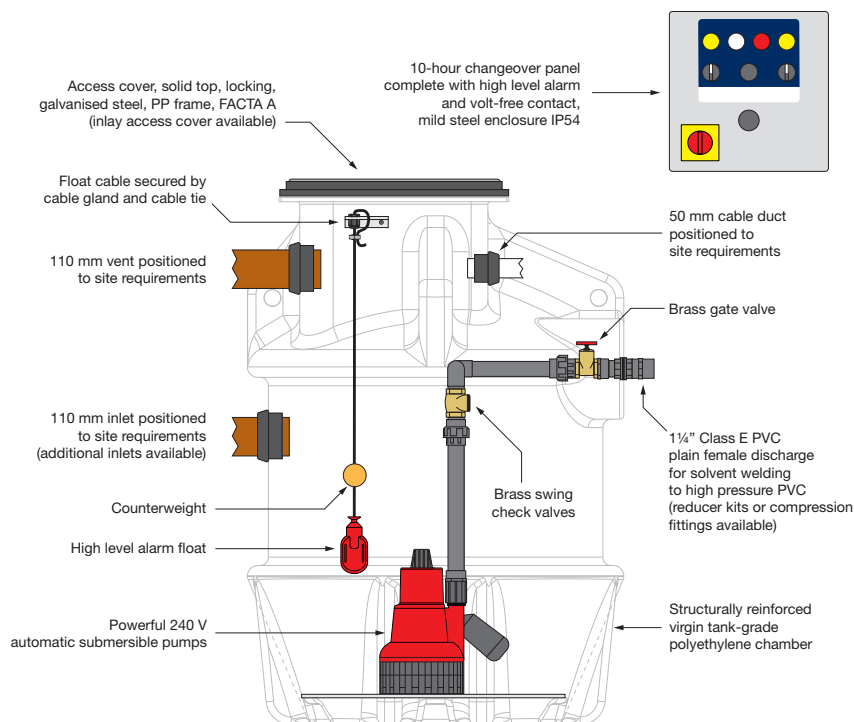


for 32 mm OD MDPE  
#27090

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

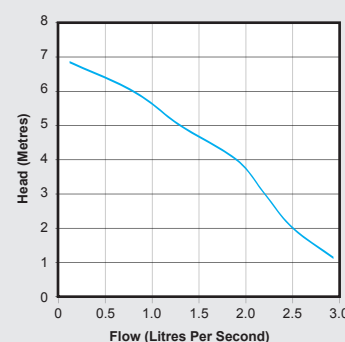
# SumpFlushHP Twin 800-1250 c/w Timer Control Panel

## TYPICAL INSTALLATION



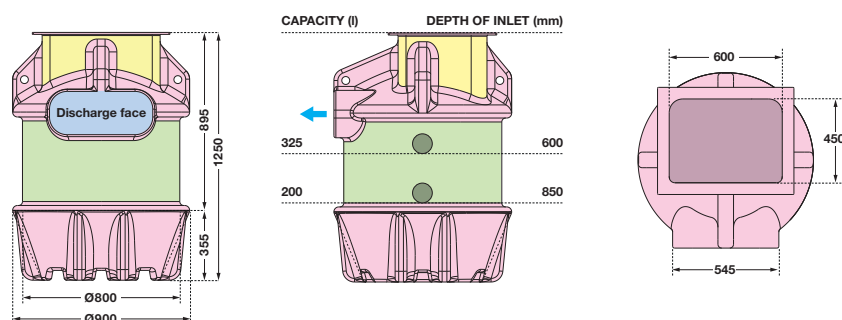
## PUMP SPECIFICATIONS

|                               |           |
|-------------------------------|-----------|
| 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             | 4 no                    |
| Maximum storage capacity | 325 litres              |
| Chamber material         | Tank-grade polyethylene |
| Dimensions (Ø x H)       | 900 x 1250 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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