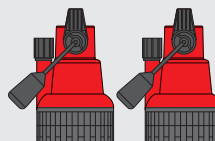


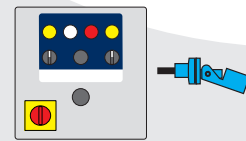
# SumpFlushHP Twin c/w Timer Control Panel



## SYSTEM OVERVIEW



Two powerful free-standing automatic pump



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



1 1/4" Class E PVC pipework



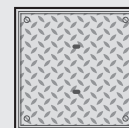
1 1/4" Class E PVC discharge



110 mm inlet



50 mm cable duct



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

The SumpFlushHP Twin 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.

It features two powerful submersible pumps for high head (up to 12 m) and flow (up to 4 l/s) applications.

The system provides up to 65 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 powerful automatic wastewater submersible pumps and a solid top, locking, galvanised steel access cover (FACTA AA).

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

- 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 65 litres storage capacity
- Compact chamber for limited space installations
- Ideal for an extension, outbuilding, basement or similar
- 350 mm x 350 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

### UPS 3000



#29000

### PowerShield 1500



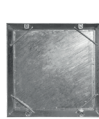
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### Battery backup, 24 V



Please call

### Inlay access cover



#18011

### Additional inlet



#17010

#17012

### Discharge reducer kit



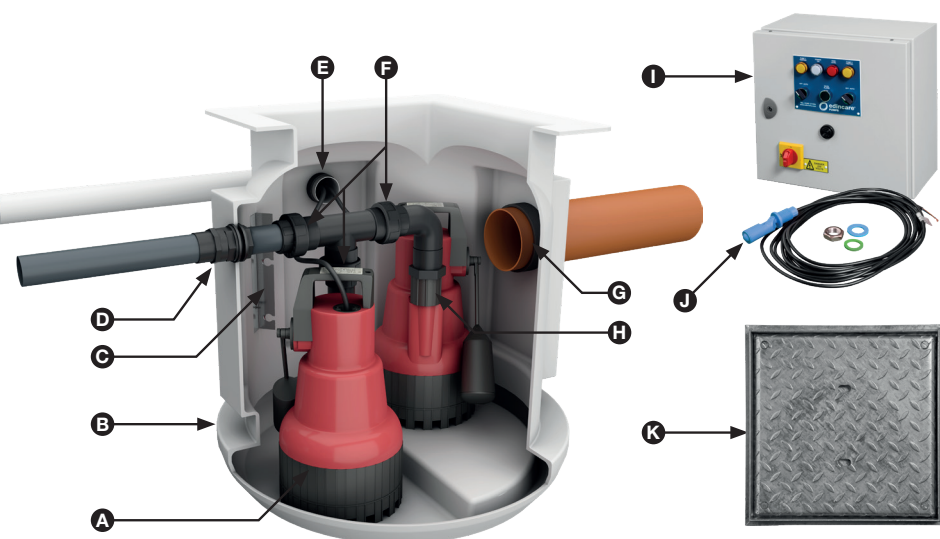
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All our products can be customised to your requirements. For more information and advice please call our Sales Team on 01442 211554.

# SumpFlushHP Twin c/w Timer Control Panel

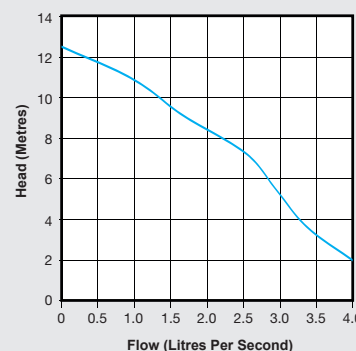
## KEY FEATURES



- A. Powerful automatic 240 V submersible pump.
- B. Structurally-reinforced virgin tank-grade polyethylene chamber.
- C. Float bracket for optional high level alarm mini float.
- D. 1½" Class E PVC plain female discharge for solvent welding to high pressure PVC (reducer kits available).
- E. 50 mm cable duct positioned to site requirements.
- F. Socket union for simple pump removal during servicing.
- G. 110 mm inlet positioned to site requirements (additional inlets available).
- H. Non-return valve.
- I. 10-hour changeover panel with high level alarm and volt free-contact in IP54 mild steel enclosure.
- J. Mini float switch (5 m cable)
- K. Galvanised steel, solid top, locking, access cover, FACTA AA (inlay access cover available).

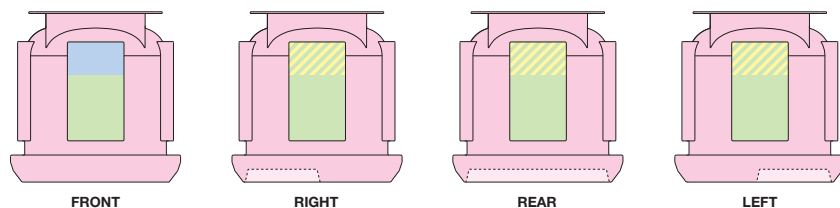
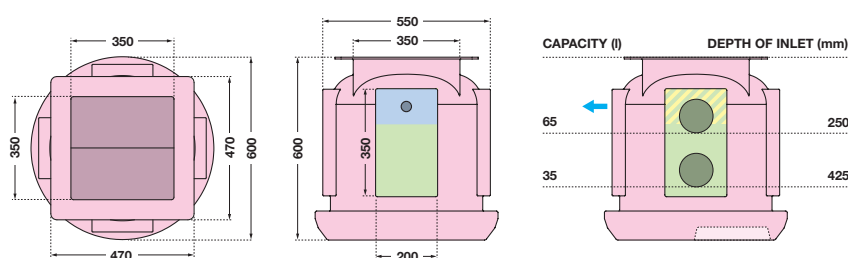
## PUMP SPECIFICATIONS

Number of pumps	Two
Impellor type	Vortex
Control	Automatic
Power supply	230 VAC
Rated current per pump	4.9 A
Motor rating (P2) per pump	500 W
Revolutions per min.	2800
Discharge size	1½"
Free passage	10 mm
Max. vertical output per pump	12.5 m
Max. flow rate per pump	4.0 l/s
Max liquid temp.	<40 °C
Cable length	5 m
Weight	6.9 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
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## CHAMBER SPECIFICATIONS

Internal pipework	1½" OD Class E PVC
Discharge pipework	1½" OD Class E PVC
Lifting eyes	No
Maximum storage capacity	65 litres
Chamber material	Tank-grade polyethylene
Dimensions (Ø x H)	600 x 600 mm
Clear opening	350 x 350 mm

## ACCESS COVER

Material	Galvanised steel
Cover type	Solid top
Locking	4 screws
Loading	FACTA AA
Clear opening (H x W)	300 x 300 mm
Dimensions (H x W x D)	370 x 370 x 47 mm

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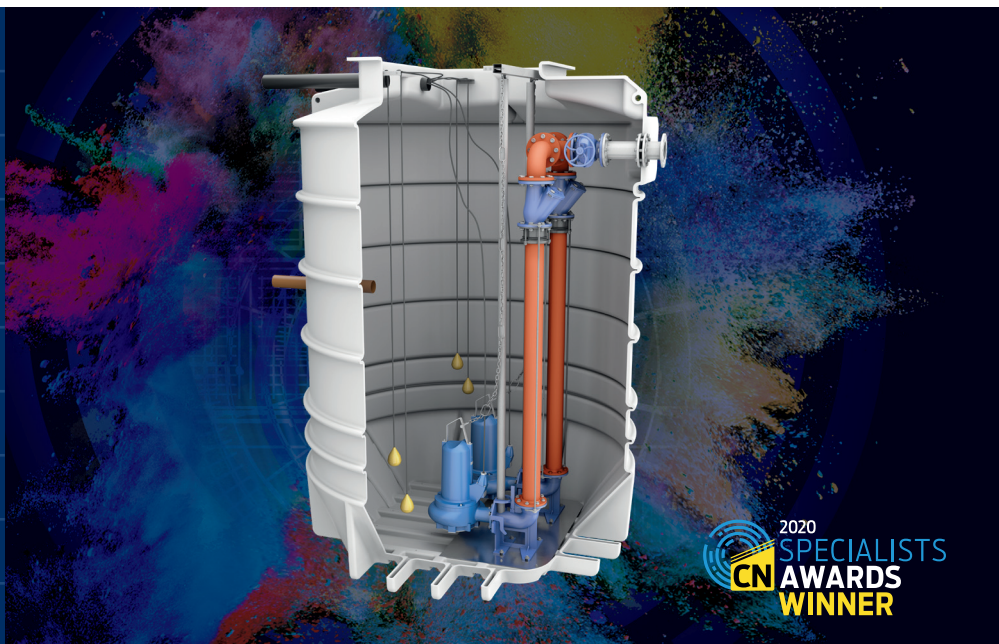
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