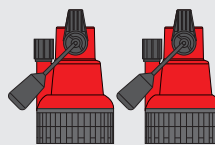


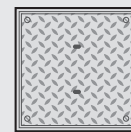
SumpFlushHP Twin



SYSTEM OVERVIEW



Two powerful free-standing automatic pump



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



1 1/4" Class E PVC pipework



110 mm inlet



1 1/4" Class E PVC discharge



50 mm cable duct

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).

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
- 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
- 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.

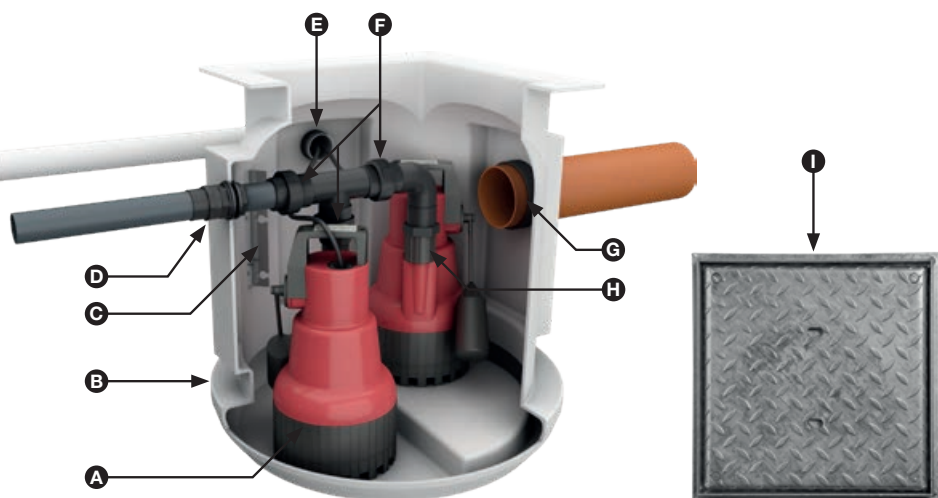
RECOMMENDED ACCESSORIES

AquaSafe Alarm (Mini) #22070	UPS 3000 #29000	PowerShield 1500 #37507	Battery backup, 24 V Please call	Inlay access cover #18011	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
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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

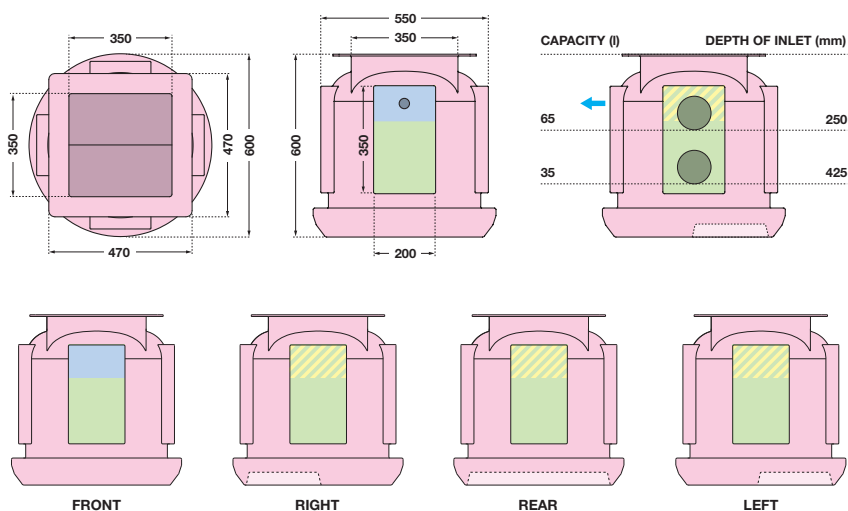
KEY FEATURES



- A. 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. Galvanised steel, solid top, locking, access cover, FACTA AA (inlay access cover available).

CHAMBER DIMENSIONS

Shows indicative capacities from lowest inlet invert.

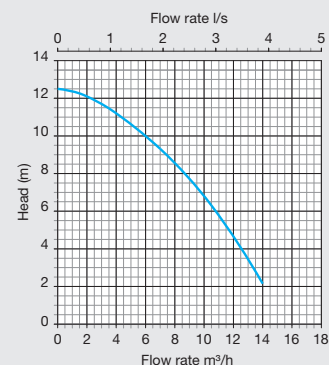


Permitted connection positions

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