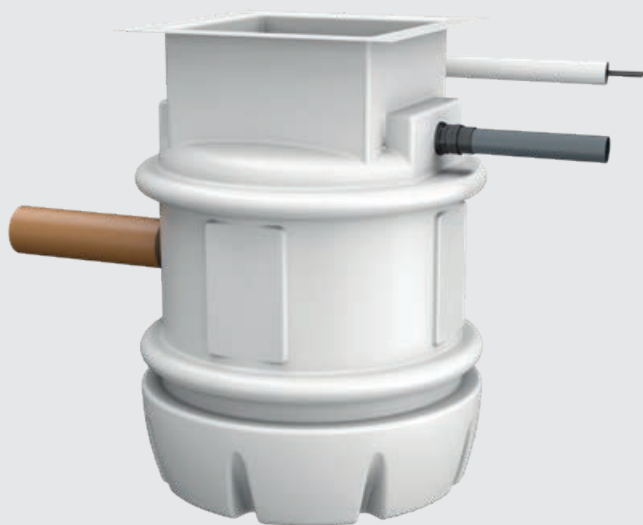
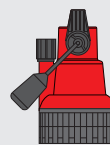


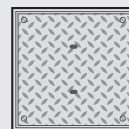
SumpFlushHP 650-1000



SYSTEM OVERVIEW



One powerful free-standing automatic pump



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



1 1/4" Class E PVC pipework



110 mm inlet



1 1/4" Class E PVC discharge



50 mm cable duct



50 mm vent duct

The SumpFlushHP 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.

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

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, a powerful automatic wastewater submersible pump and 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.

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 pump for high head and flow
- 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
- 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, twin pump systems complete with 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)



#22071

UPS 3000



#29000

PowerShield 1500



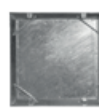
#37507

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"



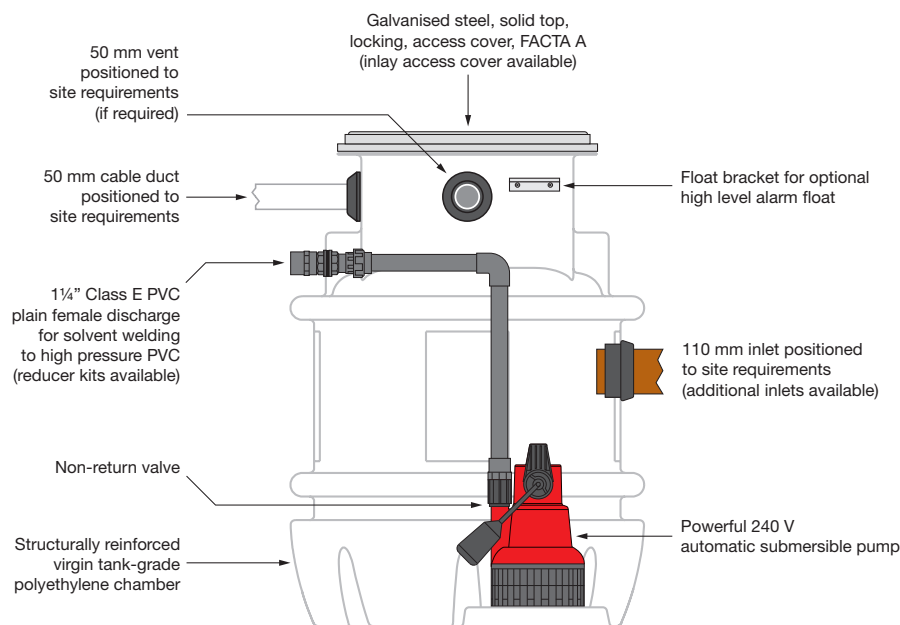
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All our products can be customised to your requirements. For more information and advice please call our Sales Team on 01442 211554.

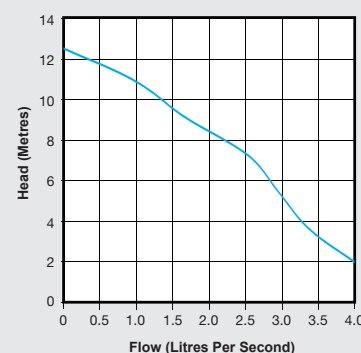
SumpFlushHP 650-1000

TYPICAL INSTALLATION



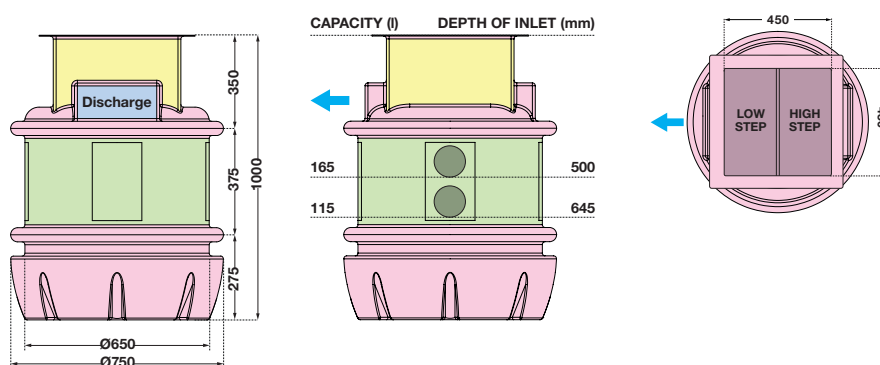
PUMP SPECIFICATIONS

Number of pumps	One
Impellor type	Vortex
Control	Automatic
Power supply	230 VAC
Rated current	4.9 A
Motor rating (P2)	500 W
Revolutions per min.	2800
Discharge size	1 1/4"
Free passage	10 mm
Max. vertical output	12.5 m
Max. flow rate	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	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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Submersible pumps

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