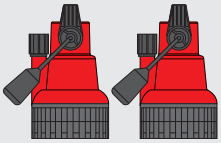
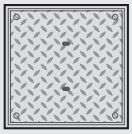
# SumpFlushHP Twin 650-1000

## SYSTEM OVERVIEW



Two powerful free-standing automatic pump



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

1¼" Class E PVC pipework

1¼" Class E PVC discharge

110 mm inlet

50 mm cable duct

50 mm vent duct

The SumpFlushHP Twin 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 two 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, two powerful automatic wastewater submersible pumps and a solid top, locking, galvanised steel access cover (FACTA A).

It discharges to solvent welded 1¼" Class E PVC. Optional discharge reducer kits can increase external discharge diameter to 1½" 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.

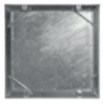
## KEY FEATURES

- Powerful vortex pumps for high head and flow
- 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

**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 3000 | PowerShield 1500 | Battery backup, 24 V | Inlay access cover | Additional inlet | | Discharge reducer kit | |
|---|---|---|---|---|---|---|---|---|
| | | | | | 110 mm | 50 mm | 1½" to 1¼" | 2" to 1¼" |
| | | | |  | | | | |
| #22071 | #29000 | #37507 | Please call | #18011 | #17010 | #17012 | #8203 | #8202 |

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

01442 211554 sales@edincare.com www.edincare.com edincarepumps

edincare® PUMPS

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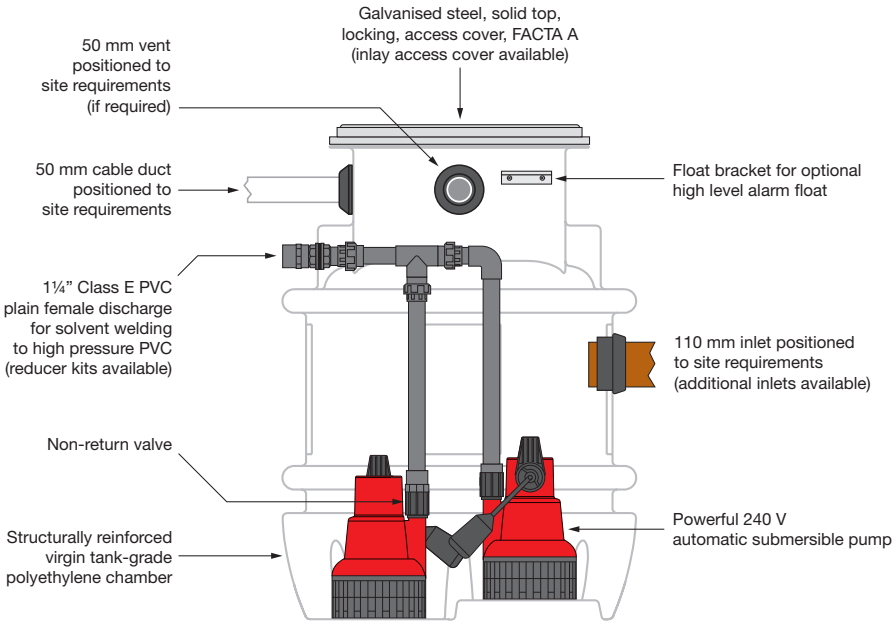
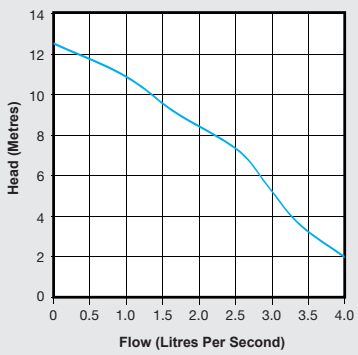
## TYPICAL INSTALLATION



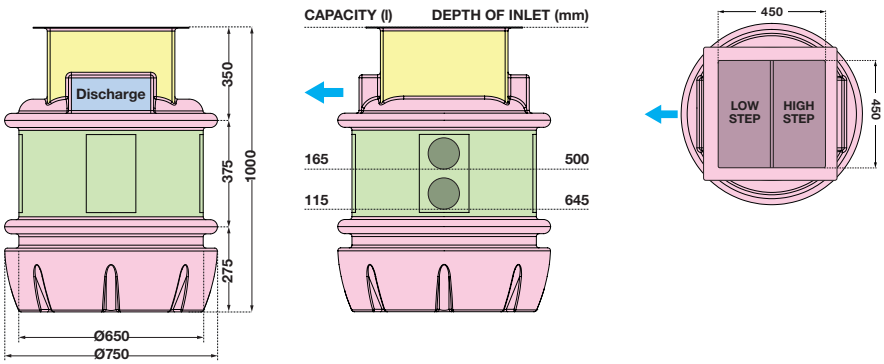

## PUMP SPECIFICATIONS

| | |
|---|---|
| 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 | 1¼" |
| 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 |

## CHAMBER SPECIFICATIONS

| | |
|---|---|
| Internal pipework | 1¼" OD Class E PVC |
| Discharge pipework | 1¼" 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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