

# SumpFlushGrandHPTwin c/w Timer Control Panel

The SumpFlushGrandHPTwin is a fully automatic waste water 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 SumpFlushGrandHPTwin offers a larger chamber than the standard SumpFlush. The system can accept waste from car parks, car washes, floor areas, down pipes, cavity membrane systems or similar.

The systems comprise of a polyethylene chamber, 1½" PVC internal pipework, two powerful 240V submersible pumps, 110mm inlets, 50mm cable duct, and 1½" discharge. The systems are very versatile, enabling the installer to locate inlets to their specifications.

The systems come with a locking, pedestrian duty, access cover.

It is recommended that a high level alarm product is installed, which alerts the end user if the water rises above the normal operating level within the chamber. High level alarm kits can be purchased to installer specifications.

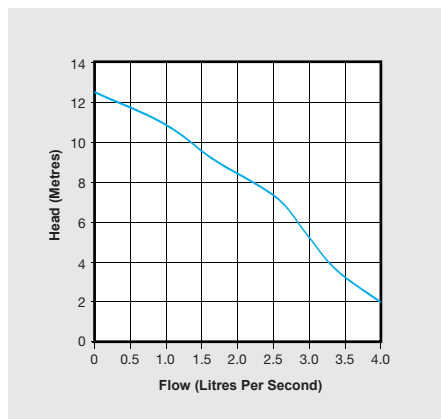
A battery backup system is also highly recommended especially where inflow cannot be controlled, for example in groundwater and surface water applications. Battery backup systems can be purchased to installer specifications.

## KEY FEATURES

- Powerful pump for higher heads (up to 12m) and larger flows (up to 4 l/s)
- Larger chamber for increased surface areas.
- Reliable 'OpenFlow' wastewater pumps.
- Supplied with a solid access cover as standard. Other access cover types are available.
- A range of battery backup options are available.
- A range of high level alarms and telemetric monitoring systems are available.
- Control panel for timed changeover, high level alarm and volt free contacts.



## PUMP CURVE



## DIMENSIONS (mm)

Product	Diameter	Height
SumpFlushGrandHPTwin	900	1250

Product	Length	Height	Depth
Clear opening	600	450	-
(including frame)	640	490	23mm

## WEIGHT (kg)

Product	Weight
SumpFlushGrandHPTwin	105

## TECHNICAL DATA

Chamber	
Colour	White
Material	Polyethylene
Max capacity *	330 litres
Lifting eyes	Yes
Discharge size	1½"
* Actual capacity will depend on the invert height of lowest inlet.	
Pump	
Power supply	230 V AC
Rated current	4.9 A per pump
Motor rating	500 W per pump
Frequency	50 Hz
Revolutions per min.	2800 rpm per pump
Max vertical output	12.5 m
Max flow rate	3.9 l/s
Max liquid temp.	<50°C
Discharge size	1½" / 32 mm
Free passage	10 mm
Cable length	5 m
Colour	Red
Access cover	
Cover material	Galvanised steel
Frame material	Polypropylene
Type	Solid top
Loading	Facta A
Locking	Yes
Control panel	
Material	Metal
Volt free contact	Yes
Voltage	240 V
Volted contact	24 V
Level controls	
Type	Double action, Minimatic-C
Cable length	10 m

## SUITABLE FOR



Above ground



New build



Retro-fit

## WASTE TYPE



Grey



Ground



Surface



Storm

## ACCESSORIES



Pumps



Control equipment



Battery backup



Monitoring



Pipework (external)



Access covers



Level controls



Additional inlets

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