

Attenuation Tank and Pumping Station

Product Data Sheet

Product Description

The Stormsaver Attenuation and Pumping Station, is a single piece GRP structure, that is pre-fabricated and delivered to site for simple and rapid installation.

All tanks as standard come complete with:

- 600mm dia x 1000mm high access shaft
- 1000mm x 1000mm x 1000mm access chamber for pumps
- Pedestrian duty lockable cover
- 1 x inlet, 1 x overflow and 2 x 100mm service ducts
- 2x Outlets from pumped supply

Water enters the Stormsaver Attenuation chamber, sized to specific site conditions. The system stores surface water during rainfall events. The products incorporates an integrated pumping station which attenuates water at the designed flow rate to drain.

The pumping station houses pumps specific to site, which control and manage the flow of excess stormwater, away from the site to drain. Each pumping station, comes with an accessible valve chamber. This enables easy access for maintenance and cleaning. The pumping stations come in a range of sizes, which will be calculated for each individual site.

All tanks are manufactured in accordance with BS4994 under ISO9001 Design and Build approved.

The system is hybrid and can be combined with a Stormsaver Rainwater Harvesting Systems, and other Stormsaver Attenuation Tanks/Products.

Technical Information

- All standard tanks are designed to be installed with a concrete surround up to a depth of 2000mm (from finished ground level to top of tank).
- All heavy duty tanks are designed to be installed with a concrete surround up to a depth of 3000mm (from finished ground level to top of tank).
- Tank shells are engineered with the parameter and principles of BS4994.
- All tanks are made of high quality glass reinforced plastic (GRP) incorporating a Lloyds approved resin system that meets BS3496-1999 and ISO2599-1980-GLASS.
- The concrete mix required for tanks is 15N/MM2 Aggregate 25mm slump mix in accordance with BS8500
- 100% void capacity
- Fully accessible for cleaning and maintenance.

Optional Extras

Option	Details
Access Turret	Additional turret in 500mm and 1000mm lengths. If more than 1000mm is required on a standard tank then please note the tank will need upgrading to heavy duty.
Inlets & Overflows	Our range is from 100mm upto 600mm, and can be supplied to suit site requirements. They can also be moved and rotated from the standard location to suit site (subject to approval prior to manufacture). Push fit connections are standard but can be upgraded to flanged as an option.
Turret Covers	Standard covers are pedestrian duty. We can upgrade to D400 vehicle duty covers or lockable covers.
Granular Surround	If concrete is not feasible for installation we can upgrade the tank for installation with a granular surround.
Heavy Duty	Tanks needing to be installed below 2000mm from finished ground level to the top of tank will need to be upgraded to our heavy duty tank.
Flow Control	This will be required to ensure the flow restrictions imposed on site are met.
Petrol Interceptors	Interceptor to remove fuel, oil and other chemicals from the collected water prior to storage.

All optional extras are available at the relevant price.

Stormsaver Ltd.

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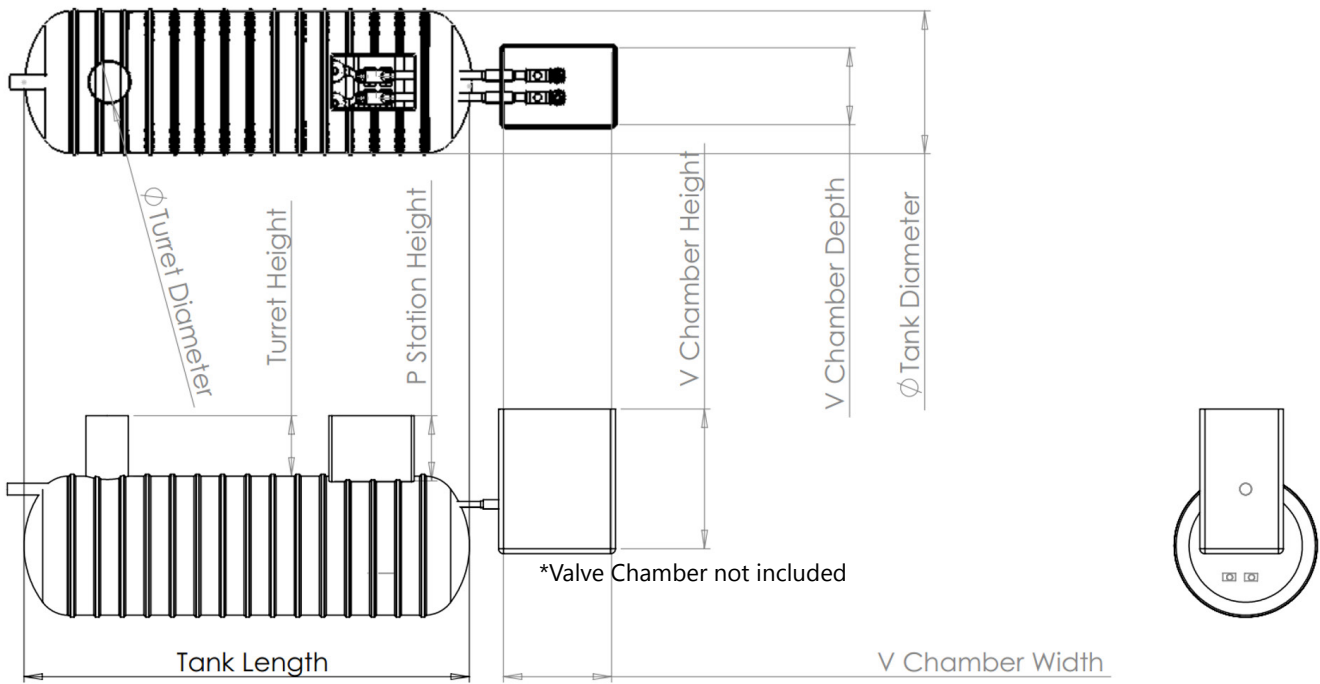
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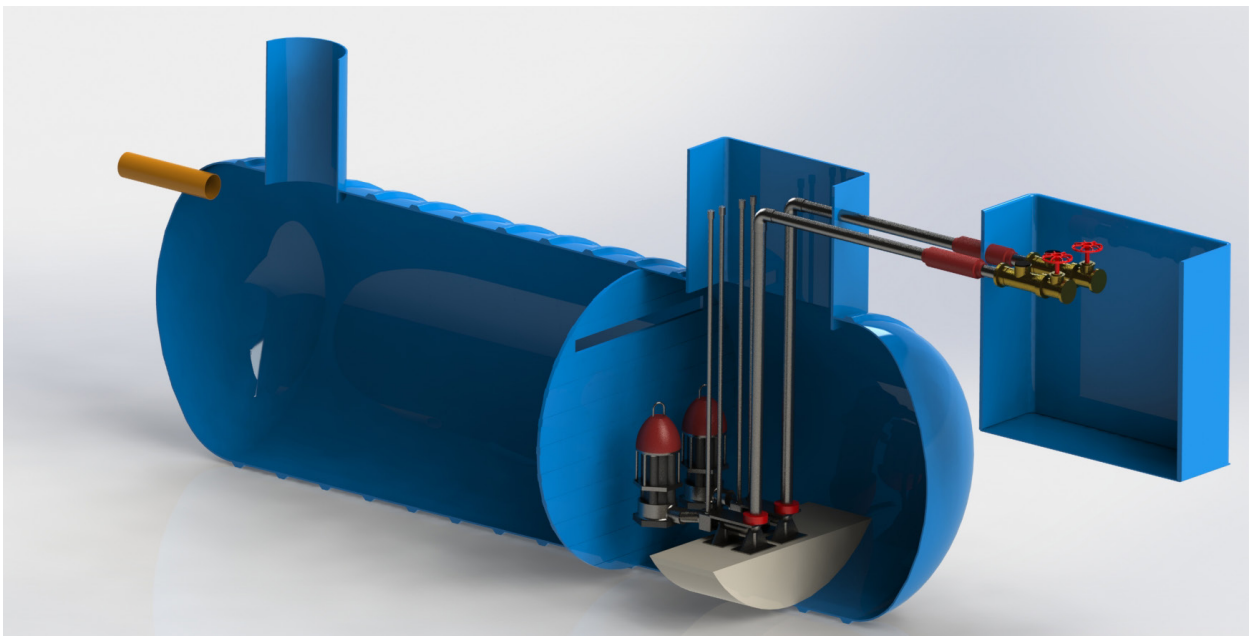


Technical Drawing



Drawing not to scale

Installed Tank Drawing



Drawing not to scale

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