



Rainwater Harvesting Tanks

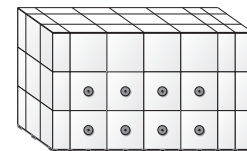
Above and below ground tanks

Overview

Waterscan offer a range of above and below ground tanks which can be selected to meet individual project requirements. All water recycling tanks specified by Waterscan meet appropriate legislation including BS8515 standards for the storage of rainwater and ACoP L8, are manufactured in the UK and WRAS approved. The majority of above ground tanks are made from sectional GRP panels, manufactured and designed to meet site and space requirements. As an alternative, one piece tanks are available to meet specific space restrictions.

Above ground tanks

Type	Size (Litres)	Dimensions (Length/Width/Height mm)	Connections
GRP**	3000	3000/1000/1000	1" - 6" *
	6000	2000/2000/1500	
	12000	3000/2000/2000	
	15000	5000/3000/1000	
	20000	4000/2500/2000	
	50000	5000/5000/2000	
MDPE***	100-30000	500/300/750, 3450 diameter 3650 H	½" - 6" *



* All connection sizes are available on request
 ** Glass Reinforced Plastic *** Medium Density Polyethylene

Features

- Totally internally flanged as standard
- Fully insulated
- Install with only 50mm clearance on 3 sides of the tank (4th side open)
- Delivered palletised
- Assembled onsite by trained engineers
- Integrated AB airgap can be included
- Suitable for internal or external use

Technical information

Other tank sizes are available to suit site requirements. Externally flanged is also available upon request.

GRP sectional tanks

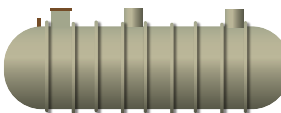

Sectional tanks are delivered in palletised form usually consisting of multiple 1m x 1m panels and then assembled at an agreed date by the manufacturers while supervised by site, and if requested, our own engineers. Connection sizes can be orientated to meet site needs. All bespoke tanks require approval before manufacture and will require a standard suitable concrete base set out before the tank assembly can take place.

All tanks are constructed of fully insulated sectional (1000mm and 500mm) Glass Reinforced Plastic (GRP) panels.

To minimise in-situ space issues, tanks are totally internally flanged. A 50mm clearance is required on at least 3 sides of the tank with a 650mm clearance usually required above the tank.

All flange connections are flange type PN16 as standard this can be changed for individual project requirements.

Below ground tanks

Type	Size (Litres)	Dimensions (Length/Width/Height mm)	Connections	Example
GRP*	2000	2075/1224/1780	1"-12"	
	6000	4275/1424/2000		
	10000	3970/1912/2575		
	14000	5550/1912/2575		
	22000	5075/2820/3210		
	50000	10455/2820/3210		
HDPE** <i>(non-reinforced)</i>	1800-	2080/1260/1250	1"-12"	
	10000	2880/1260/1250		
		4510/1260/1250		
		2700/2700/1250		
		4770/2700/1250		

* Glass Reinforced Plastic ** High Density Polyethylene

Features

- Either GRP, HDPE or concrete
- Delivered in one piece form
- Option available for high traffic areas
- Turrets made to suit site invert levels
- GRP come with integrated leaf filter
- HDPE tanks can be steel reinforced

Technical information

All Waterscan below ground tanks are supplied in one piece form. They require a suitable base and surround (especially for high traffic areas) of at least 275mm thick backfill throughout the excavation.

The HDPE tanks can be steel reinforced for areas where heavy traffic will be situated. HDPE tanks are also suitable for contaminated land.

Concrete tanks are available upon request.

All GRP tanks can be fitted with extensions to suit site levels in increments of 500mm. All connections, i.e. inlets, outlets and cable ducts are clearly labelled for ease of installation.

Manhole covers are to be provided by others.

Turrets are a minimum of 600mm diameter as standard unless specified elsewhere.