

Low Profile Platform Tank Rainwater Harvesting System

A high capacity rainwater harvesting system for larger property with filter diverter, shallow dig tank, rainwater delivery pump and mains water top up valve.







This Platform Tank System is designed to offer the best harvesting solution for larger property by providing a high capacity system that is easy to install. The tank can be installed in all ground conditions without a concrete base or surround and the shallow profile makes it easier to transport to and around the site compared with conventional cylindrical designs. An integrated sump enables the most efficient use of the mains water top up on smaller models. The filter is essentially self cleaning and the tank is purpose designed to protect the quality of filtered rainwater during storage. This proven product incorporates the best features of urban rainwater harvesting design and is a practical retrofit to domestic and light commercial property. The system features;

- 4 standard tank sizes ranging from 1 500 to 7 500 litres
- Integral pump sump on all sizes except 7 500 litres
- Optional drivable shaft and steel cover when installed under car parking
- Standard high performance 'in-tank' filter and/or optional downpipe filter diverter
- Submersible pump and installation kit that automatically delivers rainwater on demand to connected services
- Mains water top up valve with intelligent controller and LED display
- Can be connected to multiple rainwater downpipes
- Supplied with regulation 'reclaimed water' MDPE pipe and pack of advisory labels

The tank system is made from high grade polyethylene and all components feature high levels of UV protection. The system is easy to install by a competent DIY or general trades installer. When a connected service demands water, the pump is activated to draw water from the tank. In the event that demand exceeds the available rainwater a mains water valve is automatically opened to partly refill the tank.

Specification

<p>Tank System</p>		<ul style="list-style-type: none"> • 1500 litre low profile tank is 240 x 120 x 65 cm increasing to 334 x 231 x 112.5 cm for the 7500 litre unit. • Min. depth of excavation for mid-range 3000 litre tank 98 cm • Standard 60 cm access shaft and lockable cover or optional 20 cm model • Back fill with medium aggregate - no concrete required. • Integral pump sump to maximise capacity except 7500 litre tank. • Tank connector kit available.
<p>Filter Diverter</p>		<ul style="list-style-type: none"> • Standard 'in-tank' filter and calming inlet • High water yield and 800 micron filter mesh • Optional downpipe filter offers additional first stage filtration conveniently located above ground. • Optional pre-tank filter chamber with leaf basket and silt trap.
<p>Submersible Pump & Pump Controller</p>		<ul style="list-style-type: none"> • Maximum 95 lpm flow rate or up to 36m of head. • Rated for continuous duty. • Pressure controller starts pump when water is demanded. • Quiet and economical to operate. • Dry run protection. • 15m rubber power cable • 10m green/black 25mm regulation supply pipe and fittings • Pump and controller require 230v 50Hz power supply.
<p>Mains Top Up Valve</p>		<ul style="list-style-type: none"> • Automatic mains top up unit • Activated by tank mounted float switch • Weekly self-activating maintenance cycle • Complies with water regulations • Plug-n-play unit with LED display • Requires 230v 50Hz power supply

About Halsted Rain

Halsted Rain is a supplier of urban rainwater harvesting and waste water recycling. We offer a range of modular tanks, filters, pumps and mains top up units designed for above ground and low profile belowground systems that offer simple and affordable solutions when space and access is restricted or ground conditions are poor. Our products are ideally suited for residential and light commercial property particularly as a retrofit solution.