



Rainwater Harvesting Systems for Garden Watering

Rainwater is nature's gift and is always better for plants than tap water.

With no chlorine or salts and being naturally soft, it is especially kind to sensitive plants like orchids and bromeliads.

In some regions, where tap water is hard, it is particularly good for lime hating species like azaleas, rhododendrons and other ericaceous plants.

Rainwater is also perfect for ponds and aquatic plants, and anyone who keeps livestock will know that animals prefer rainwater to tapwater.

Stored rainwater is safe and clean providing it is filtered before it reaches the tank or water butt.

Wisy® stainless steel rainwater filters supply super clean water with minimum maintenance and maximum efficiency.

Our *Garden ER-B* system uses our low-profile *Easy-Rain* tank with internal Wisy® *LineAr* filter. Coupled with our unrivalled professional support, it is the perfect choice for installers and homeowners alike.

Saving water, protecting the environment and reducing surface water run-off have never been so important.

The Garden ER-B system brings you all the benefits of harvesting rainwater, with the reliability you need to deliver clear rainwater to your garden.



Built-in Wisy® *LineAr* filter.
Stainless steel. 380 microns

Stainless steel calmed
inlet diffuser

Fully automatic submersible
pressure pump

Typical example of a simple harvesting system for garden irrigation using the *Easy-Rain* shallow-dig tank with internal *LineAr* filter.



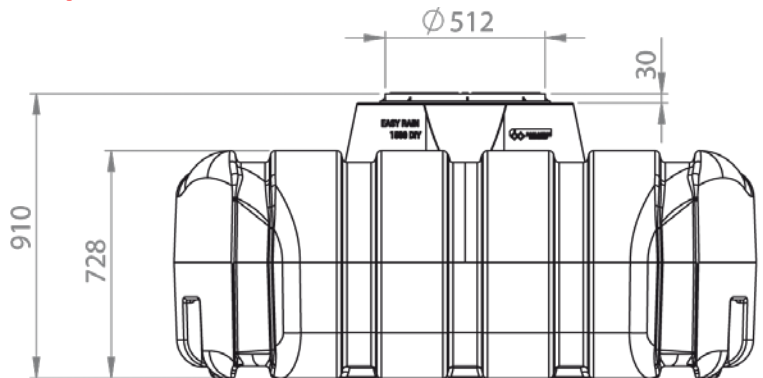
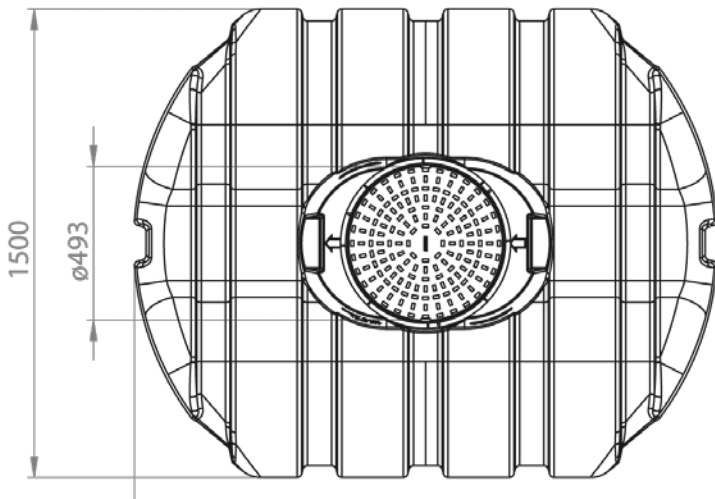
Easy-Rain 1500 Rainwater Tank



Can be installed in a day. Tank is supplied complete with all connections ready to place in the excavation.

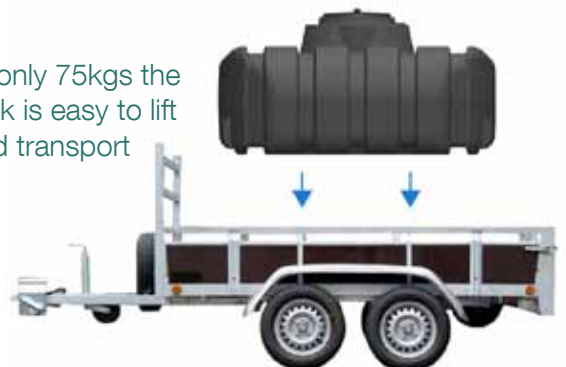


 New for 2018! Easy-Rain tanks with built-in LineAr filter. Simple and fast installation



Hand grips enable safe and easy lifting

At only 75kgs the tank is easy to lift and transport



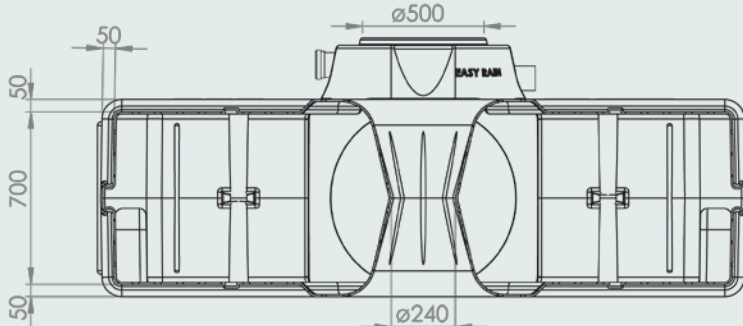
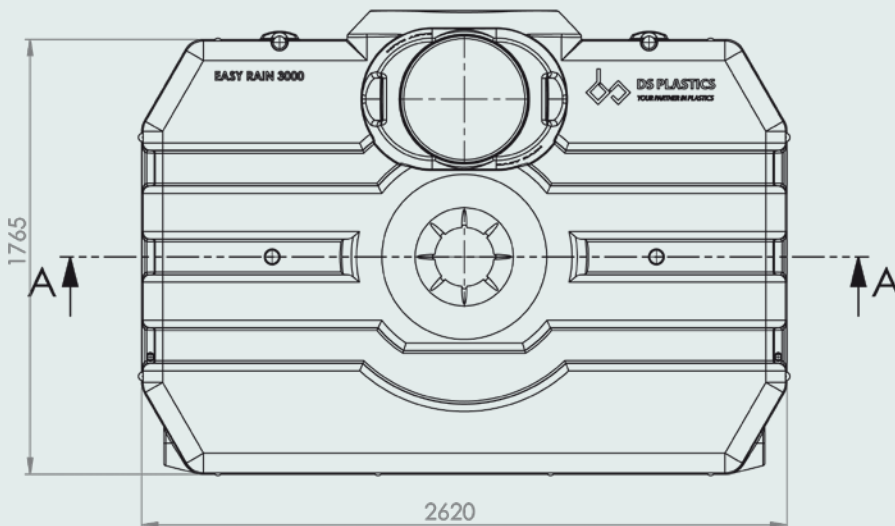
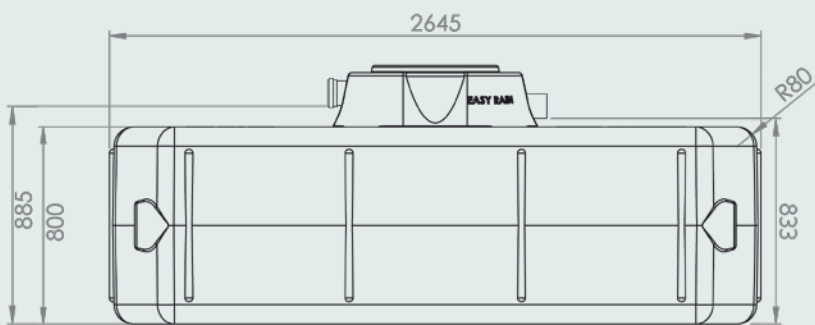
Quick and easy to install - even by hand!



Easy-Rain 3000 Rainwater Tank



3000L tank: 160kgs



SECTION A-A

Section A-A shows the central column which gives the tank great support and rigidity



All Easy-Rain tanks are supplied with a 500mm Ø access turret with 35kN rated cover. The turret is 27cm high and can be easily cut down to 21cm, 15cm or 9cm depending on installation depth required.



LineAr 100 K Rainwater Filter

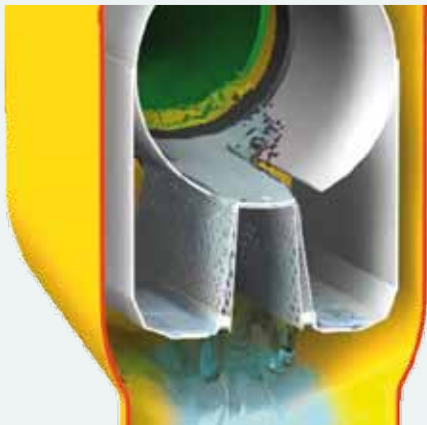


The LineAr filter has been carefully designed and engineered by rainwater experts Wisy AG in Germany. The design offers superior performance over its' rivals and remains up to 90% efficient up to 1.4 litres per second - that's equivalent to 50mm of rain falling on 100m2 roof in one hour!

Clip-on lid



AISI 1.4301 stainless steel filter element with 380-micron mesh. Simply lift out to clean



Rainwater passes over the fine mesh and drops in to the tank. Leaves, moss and other debris are washed out through the overflow.

Watch the animation here:

<https://youtu.be/Q7rWYWx1dps>



Robust polyethylene body

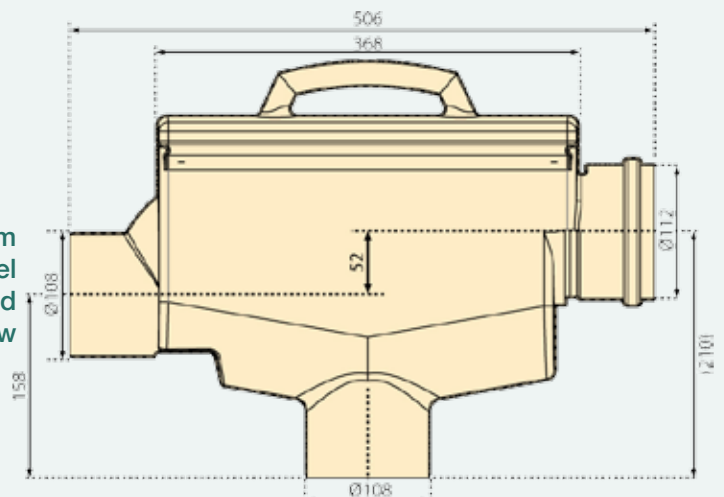
Filtered water drops through and into the tank via a calmed inlet



The LineAr filter is pre-fitted in the turret of the Easy-Rain tank



Only 52mm difference in level between inlet and overflow



Beta Automatic Rainwater Pumps

Submersible pumps for pumping clean water for garden and landscaping applications.

- Multi-stage submersible pump with integrated electronics, designed to automatically start and stop the pump
- Built-in electronic board, pressure switch, flow sensor and non-return valve
- Dry running protection
- Corrosion resistant robust construction
- 15m cable

2 models are available; each in 3 different versions:

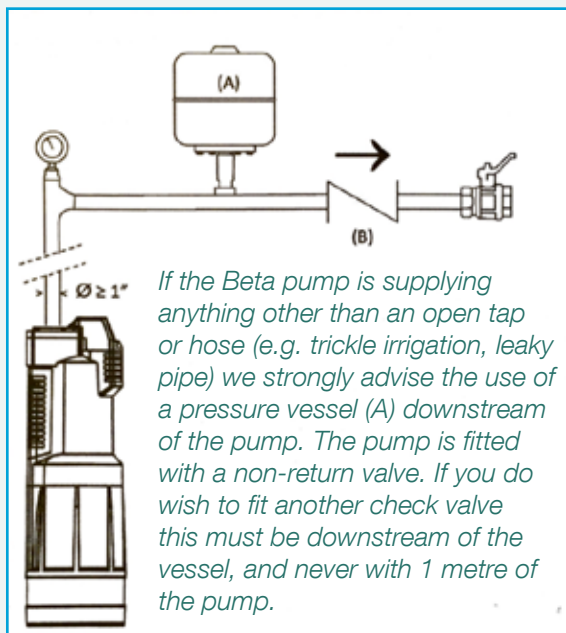
Beta 1000	with direct suction
Beta 1000X	with 1" nozzle
Beta 1000T	with 1 1/4" bsp thread

Beta 1200	with direct suction
Beta 1200X	with 1" nozzle
Beta 1200T	with 1 1/4" bsp thread

Beta pump with fixed suction filter



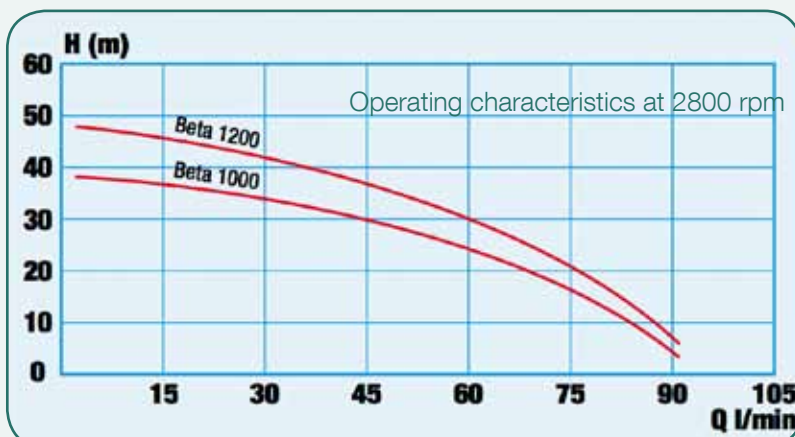
Beta pump with direct suction



Threaded connection for fixed filter



Nozzle connection for floating filter



Mains Water Top-up Kit

Most garden rainwater systems are supplied as 'stand alone' units - i.e. when the rainwater supply is exhausted, the system simply switches itself off. However, sometimes it might be desirable to have an automatic back-up from the mains water supply. For this purpose we can supply and mains back-up kit consisting of a 'top-up' unit and precision float switch.

This special assembly is designed to provide an automatic mains water back-up supply to any vessel that is used to hold non-potable or 'unwholesome' water. The manual isolating valve incorporates a dirt strainer to prevent any debris from restricting the solenoid valve.

The unit consists of a length of flexible braided hose with a manual isolating valve at one end and a solenoid valve and tundish at the other. The purpose of the tundish is to provide an 'air gap' to comply with the current UK Water Regulations.

The Regulations prohibit any direct connection between the mains water supply and untreated rainwater, and therefore the mains water connection must be protected against the risk of back-flow. The air-gap which the tundish provides prevents this back-flow, and is essential in any rainwater harvesting system in the UK where mains water is incorporated.

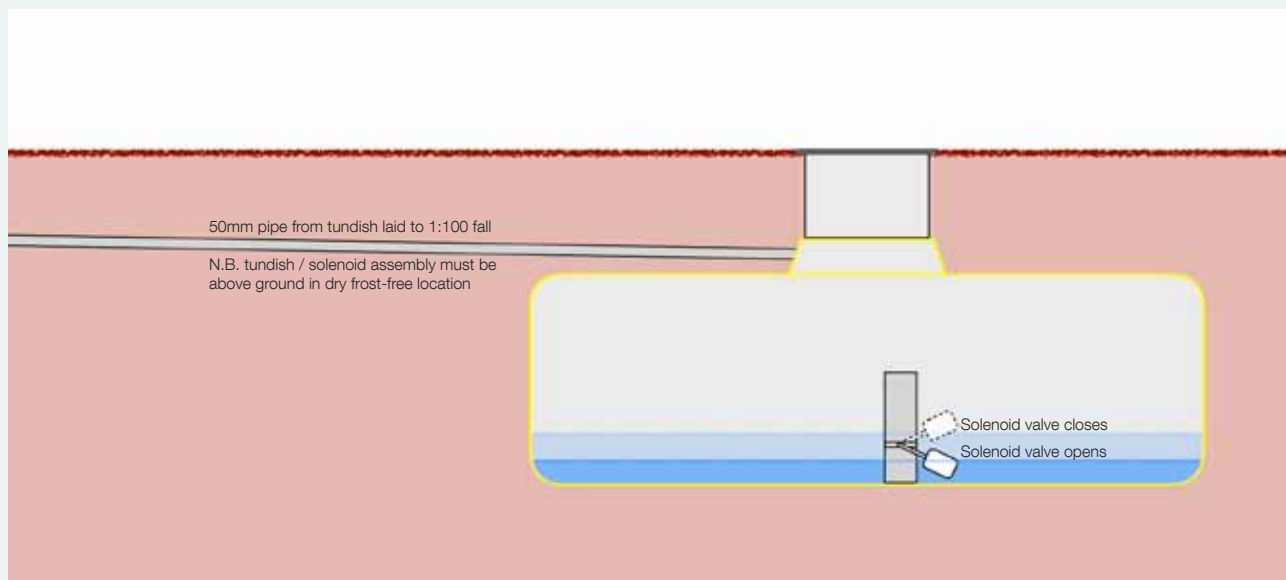
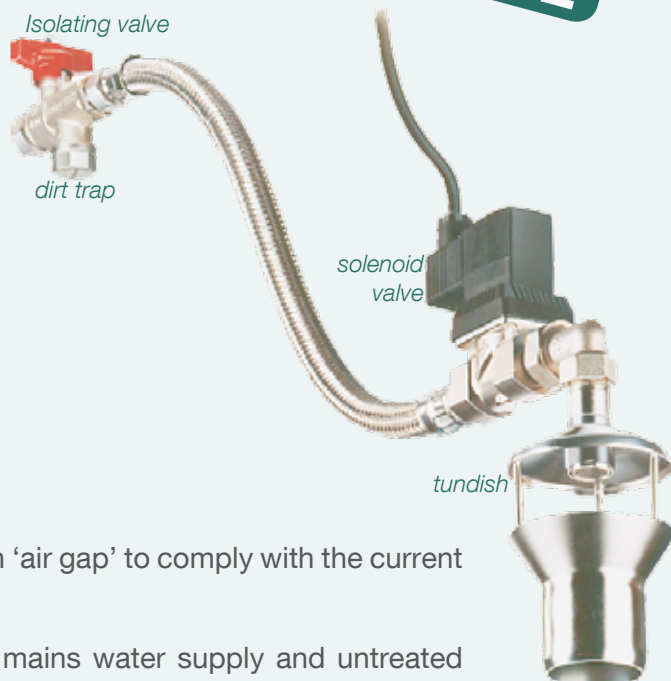
The tundish is designed to fit into standard 50mm pipe and it incorporates a laminar flow device to eliminate splashing. The IP65-rated solenoid valve is activated by a low-level float switch and thus provides mains water when the rainwater storage tank is low. The switch is fitted to a clamp that allows it to be fastened securely to the pump body.

The float switch has a limited hysteresis (difference between on and off levels) so only allows the water level to rise by approximately 9cm before the solenoid valve closes again.

This permits uninterrupted use of the system whilst leaving most of the tank empty to collect the next lot of rainfall.

IMPORTANT: note that in order to be exempt from hose-pipe bans, a mains water top-up unit is NOT permitted.

OPTIONAL





System Features

- WISY® filtration technology — 380-micron mesh in AISI 1.4301 stainless steel
- Fully automatic pump operation
- *Easy-Rain* shallow-dig tank, 1500 or 3000 litres
- Tank supplied with integral filter, calmed inlet and cable duct
- 110mm inlet and overflow with only 5cm height difference
- Optional mains water back-up unit
- Simple to maintain
- Quick and easy to install

ONLY 5cm!
HEIGHT DIFFERENCE!



Easy-Rain ER-B System

- simple installation, easy maintenance

Easy-Rain tanks are compact and low-profile, designed for shallow-dig installation, saving time and money on site. Available in 1500 and 3000 litre capacities, these tanks are lightweight and easy to move. If a larger volume is required, two or more 3000L tanks can be linked. Tanks can be supplied with the linking connection pre-fitted.

Easy to transport and simple to install - even by hand if the site is inaccessible for an excavator.

Easy-Rain tanks have the WISY® *LineAr* 100 filter built in. This is a unique design with high grade stainless steel element using the same adhesion principal as the famous WISY® Vortex filters. The *LineAr* filter is designed to last a lifetime and requires only occasional cleaning.

You can watch an excellent animation that explains how the filter works here: <https://youtu.be/Q7rWYWx1dps>



Easy-Rain Rainwater Tank

- Robust & lightweight
- Moulded in one piece durable polyethylene
- Shallow excavation
- All connections pre-fitted
- 1500L & 3000L models
- Available with or without filter



LineAr 100 Rainwater Filter

- Unique patented design
- Fits standard 110mm pipe
- Only 52mm invert drop
- 1.4301 Stainless steel
- 0.38mm filtration
- High efficiency
- Manufactured by Wisy®



Beta Rainwater Pump

- Compact
- Quiet
- Efficient
- Automatic stop-start
- 2 models available
- With or without suction filter