Rainwater Harvesting

domestic • commercial • agricultural

Don’t waste another drop!

complete systems

ECOSURE
Rising utility bills, reduction of running costs and environmental implications are just three reasons for investing in a Rainwater Harvesting system. 50% of domestic and up to 85% of non-domestic mains water can be replaced in this way. Rainwater Harvesting is a key component to reach compliance within the Code for Sustainable Homes to reduce overall water consumption. Additionally, rainwater re-use scores high accreditation in the Water Efficiency sector of the BREEAM schemes and can help with gaining planning permission by meeting site drainage requirements (Building Regulations Part H) as part of a sustainable drainage (SuDS) scheme.

Water is a precious resource which is often wasted. Naturally clean water is left to run down drains, whilst expensive purified water is used for even non-potable applications. According to the Environment Agency, 20% of the UK’s water is used domestically with over 50% of this used for flushing toilets and washing. Most of this water is of drinking quality standard.

Increased awareness of environmental issues and the impact of recent weather patterns have highlighted the problems raised by this sort of water use.

- Processing water involves the use of chemicals and uses energy. Both have serious environmental consequences.
- It is likely that climate change will result in erratic weather patterns, increasing both the risk of flooding and of extended dry spells. The periods of drought threaten our water supply and periods of heavy rain challenge our drainage systems.
- In parts of the country demand for water is in danger of outstripping supply. Population growth has put a strain on both the water reserves and on the infrastructure which supplies water.
- The development of hard surfaces, particularly in valleys, can result in flash floods and puts a strain on watercourses. Surface flooding can be reduced by collecting excess rainwater.
- More and more homes have re-metered water supplies with householders having to pay for the water they use. Up to half of mains consumption can be safely and easily replaced using rainwater harvesting.

Water consumption is an increasing national problem. Water is becoming scarcer at the same time as population and demand for water are increasing. As a result the development of practical ways to reduce water demand is very important.

Rainwater harvesting gives us a simple, sustainable and affordable supply of fresh water. Harvested rainwater is softer than tap water and chemical free. It can provide up to 50% of a family’s water needs. This not only saves water, but saves money, helps to reduce pollution and minimises our impact on the environment.
Did you know?

9 litres
You use 9 litres of fresh, drinkable water each time you flush the toilet.

15 litres
Per bucket, we use 15 litres of clean water to wash our cars.

540 litres/hr
We use 540 l/hr of fresh water to water our gardens during the summer.

Rainwater uses

Domestic
- Watering the garden
- Flushing the toilet
- Running the washing machine
- Cleaning the car or patio

Agricultural
- Watering livestock
- Irrigation
- Crop spraying
- Washdown

Commercial
- Cleaning equipment
- Process cleaning
- Sprinkler systems
- Cooling systems
- Manufacturing processes

Using rainwater for these uses, you could save
£60 p/m

£462 is the average annual cost of water to a 3 person household.

You could cut this cost in half with a rainwater harvesting system.

How?

1. Calculate the optimum capacity of tank with the help of our sales team.
2. Install your Ecosure rainwater harvesting tank.
3. Install a filter between the tank and the water source.
4. Install your pump as appropriate.
5. Enjoy free, soft water and the savings it brings.

50% Homes with gardens could save up to 50% on water bills with the simplest of systems.

80% Businesses & Commercial buildings could save up to 80% of treated water used.

About us

Ecosure Rainwater Harvesting Systems are designed and manufactured to the highest standards in the UK. As an ISO 9001 registered company, quality control is our priority. Our systems come with easy to follow guidelines and access to technical support is available through our telephone hotline: 01763 261781 option 3.
New builds

The Code for Sustainable Homes is a national, Government led environmental assessment which measures the sustainability of a home against nine design categories. One of these categories is water. When combined with other sustainable technologies, rainwater harvesting systems can help to secure planning permission.

The Code is closely linked to Building Regulations, which are the minimum building standards required by law. Minimum standards for Code compliance have been set above the requirements of Building Regulations and this suggests the future direction of Building Regulations in relation to carbon emissions and energy use in homes.

Building Regulations Part H3 provides guidance and requirements for rainwater drainage. Rainwater from the roof has to be managed and paved areas around the building must be suitably drained. It is no longer acceptable just to pipe the water into the public drains. A rainwater harvesting system provides a means of reducing rainwater discharge.

How is this relevant to rainwater harvesting?

Aware of the issues surrounding water consumption, the Government aims to encourage the recycling of rainwater and wants to reduce the amount of mains potable water used for non-potable uses.

How is credit awarded?

Credit is awarded for providing a system to collect rainwater for use in irrigation. The simplest and most cost-effective system for rainwater collection is the water butt. Underground rainwater storage is less intrusive, provides greater flexibility of use and usually offers larger storage capacity.
Choosing your tank

When choosing a tank, the amount and intensity of rainfall, the size and type of roof, and the number and type of intended applications need to be considered. We use the formula in BS 8515:2009 (BSI British Standards – Rainwater Harvesting Code of Practice) which sets standards for the design, installation, quality of water, maintenance, and risk management of rainwater harvesting systems for both new-build projects and retro-fitted systems.

Ecosure underground rainwater harvesting tanks are designed with strength and ease of installation in mind. UK manufactured, they are made of high quality MDPE in a one piece seamless mould to ensure longevity and strength. Lifting lugs are provided for easy manœuvring and the tanks are compatible with UK standard 4” (110mm) pipe fittings. A neck ring provides access for maintenance or for the installation of pumps and parts. The tanks are manufactured in premium virgin polymer as standard.

Ecosure underground rainwater harvesting tanks are available in a range of sizes to suit most applications. If you need guidance when choosing the correct size of tank, ring our technical helpline.

As a rough guide, however, the table will give you an idea of the size of tank that you will need.

<table>
<thead>
<tr>
<th>Region</th>
<th>50</th>
<th>60</th>
<th>70</th>
<th>80</th>
<th>90</th>
<th>100</th>
<th>110</th>
<th>120</th>
<th>130</th>
<th>140</th>
<th>150</th>
<th>160</th>
<th>170</th>
<th>180</th>
<th>190</th>
<th>200</th>
<th>210</th>
<th>220</th>
<th>230</th>
</tr>
</thead>
<tbody>
<tr>
<td>S England</td>
<td>ECO2800</td>
<td>ECO3500</td>
<td>ECO4000</td>
<td>ECO7000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N England</td>
<td>ECO2800</td>
<td>ECO3500</td>
<td>ECO4000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wales</td>
<td>ECO2800</td>
<td>ECO3500</td>
<td>ECO4000</td>
<td>ECO7000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scotland</td>
<td>ECO2800</td>
<td>ECO3500</td>
<td>ECO4000</td>
<td>ECO7000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N Ireland</td>
<td>ECO2800</td>
<td>ECO3500</td>
<td>ECO4000</td>
<td>ECO7000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eire E</td>
<td>ECO2800</td>
<td>ECO3500</td>
<td>ECO4000</td>
<td>ECO7000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eire W</td>
<td>ECO2800</td>
<td>ECO3500</td>
<td>ECO4000</td>
<td>ECO7000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tank overview

- Extended neck: This can be cut to sit flush with the ground
- Lifting eyes: For easy manœuvring
- 4” Inlet/Outlets: Suitable for domestic drainage
- Ribbed design: Our underground tanks have ribbed sides to provide strength and stability.
Garden rainwater harvesting system

Simplicity is the key to this system. Designed with the DIY enthusiast in mind, step-by-step guidelines are provided to ensure this system is up and running quickly.

This system is perfect for the keen gardener who uses a lot of water. Once the tank and filter have been installed, simply lower the submersible water pump into the underground tank, run the rainwater harvesting pipe supplied to an outdoor tap or hose and you’re ready to go.

The Easy Hydro is perfect for gardening, patio cleaning, car cleaning and irrigation systems.
The Ecosure large filter box is made from robust MDPE and does not contain any consumables with a limited life span. Once installed all parts of this filter box assembly are easy to inspect and clean.

The main catchment basket will trap large debris such as leaves and twigs, whilst the main body of the filter acts to as a settlement chamber. A small mesh filter in the out flow prevents any debris washing into the tank body. The 90 degree elbow angles the water into the catchment basket, decreasing turbulence in the filter chamber itself.

The British made Hydroforce™ pump is a perfect partner for our British made Ecosure tanks and is ideal for garden and light domestic use.

The HydroForce™ will deliver up to 3.5 bar (household pressure is around 2.5-4.0 bar). If connected to a hose or tap, the pump will automatically start to pump water when the tap or hose is turned on. The pump delivers over 2500 litres per hour using a 1” connector and uses 800 watts at 220-240v AC delivered by a 10 metre cable.

**PUMP SPECIFICATION**
- **Weight:** 13.1 kg
- **Dim (L x W x H):** 666 x 186 x 260mm
- **Maximum output:** 41 Litre/min
- **Maximum head:** 35 m
- **Maximum suction:** 3 m
- **Rated Pressure:** 3.5 Bar
- **Power Supply:** 230V @ 50Hz

---

**System benefits**
- Easy to install
- Lowers water bills
- Cleaner water without chemicals
- Kinder to plants
- Softer water
- Low maintenance

**System features**
- Underground rainwater harvesting tank
- Extension Neck Ring
- Walk Over / Bolt Down Neck Ring Cover
- 35m head submersible water pump
- 25m of rainwater harvesting pipe
- Pump connectors
- Garden tap and connections

---

**easy HYDRO PLUS**

In order to ensure an uninterrupted water supply, upgrade to Easy Hydro Plus. This includes Backup in a Box®, a simple and inexpensive mains back-up solution that puts a few inches of mains water in the underground tank when the rainwater runs out. A float switch detects when the tank is empty and opens a solenoid valve so that mains water can flow into the tank. The bulk of the storage tank remains empty, ready for the next rain shower. Fitted inside the building, Backup in a Box® is a single wall mounted unit with one electric plug to a wall socket, mains water input and a pipe to the underground storage tank.

Don't let your garden suffer
Home & garden rainwater harvesting system

Suitable for both domestic and commercial applications, the underground filter removes debris before the water is discreetly stored in an underground water tank. The external pump allows water to be reused around the home. Connect it to your washing machine and, because rainwater is softer than tap water, it lowers the need for detergents.

Harvested rainwater can also be used to flush toilets, dramatically decreasing your water consumption; around 7 litres of clean, drinkable water is used every time we flush. Use it in the garden too. Plants thrive on water that is free from chemicals and man-made contaminants.
The stainless steel pump means that this system can be used for potable water if required. Upgrade the underground tank to WRAS approved polymer suitable for the safe storage of drinking water. A UV system will also be required.

**WATER PUMP**

Supplied with the Ecosure Super Complete Rainwater Harvesting System, the BPT1200SS is a high specification, stainless steel bodied corrosion and rust proof pump. Ideal for boosting or maintaining water pressure, it allows users to flush toilets or run washing machines using hot water.

**PUMP SPECIFICATION**

- **Weight:** 12.25 kg
- **Dim (L x W x H):** 455 x 270 x 497 mm
- **Maximum output:** 61 Litre/min
- **Maximum head:** 46 m
- **Inlet/Outlet Thread:** 1” BSP
- **Tank Capacity:** 10 Litre
- **Tank Rated Pressure:** 3 Bar
- **Operating Temp:** max 35°C
- **Power Supply:** 230V @ 50Hz

**FILTER BOX**

The Ecosure large filter box is made from robust MDPE and does not contain any consumables with a limited life span. Once installed all parts of this filter box assembly are easy to inspect and clean.

The catchment basket will trap large debris such as leaves and twigs, whilst the main body of the filter acts as a settlement chamber. A small mesh filter in the out flow prevents any debris washing into the tank body. The 90 degree elbow angles the water into the catchment basket, decreasing turbulence in the filter chamber itself.

**System benefits**

- Easy to install
- Lowers water bills
- Cleaner water without chemicals
- Kinder to plants
- Softer water
- Low maintenance

**System features**

- Ecosure Rainwater Harvesting Tank
- Extension Neck Ring
- Walk Over / Bolt Down Neck Ring Cover
- 25m of rainwater harvesting pipe
- Ecosure Filter Cylinder
- Ecosure Gully Filter
- Water Pump Fittings
- Pre-Pump Inline Filter
- Complete Pipe Fittings Kit

---

**SUPERCOMPLETE PLUS**

**MAINS WATER BACKUP**

In order to ensure an uninterrupted water supply, upgrade to SuperComplete Plus. This includes Backup in a Box®, a simple and inexpensive mains back-up solution that puts a few inches of mains water in the underground tank when the rainwater runs out. A float switch detects when the tank is empty and opens a solenoid valve so that mains water can flow into the tank.

The bulk of the storage tank remains empty, ready for the next rain shower. Fitted inside the building, Backup in a Box® is a single wall mounted unit with one electric plug to a wall socket, mains water input and a pipe to the underground storage tank.
Agricultural & Horticultural

Rainwater Harvesting Systems

What's in it for you?

Agricultural and horticultural businesses tend to use high volumes of water. Mains water is costly and prices are set to rise. In addition, businesses are becoming more aware of the environmental consequences of using treated water.

Rainwater Harvesting offers farmers and growers a supply of naturally soft clean water – free from the treatment chemicals found in mains water such as chlorine. In recognition of this, some farm assurance schemes actively encourage the use of rainwater harvesting. Potentially, there are both economic and environmental benefits to rainwater harvesting.

Where space and aesthetics are not primary concerns, above ground systems provide high capacity storage without the cost of expensive excavations. Above ground rainwater harvesting systems integrate easily with high-capacity roof drainage systems. Tanks with a capacity of up to 25,000 litres can be located around the site so that water is available where required, minimising the need to transport it around site.

8,500 litre water tank

<table>
<thead>
<tr>
<th>Dims (H x D)</th>
<th>1520 x 2700mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outlet</td>
<td>Upto 8&quot;</td>
</tr>
<tr>
<td>Weight</td>
<td>280kg</td>
</tr>
<tr>
<td>Access</td>
<td>600mm</td>
</tr>
<tr>
<td>Capacity</td>
<td>8,500 ltrs / 1870 gal</td>
</tr>
</tbody>
</table>
**Agricultural & Horticultural**

- Where water is discharged to a sewer, water companies charge a proportion of supply costs in your water bill for this discharge. Reducing mains water use will ensure that additional savings can be made.

- Harvesting and using rainwater can reduce the quantity of water entering a slurry store, running across fouled yards, or entering a dirty water tank. This can mean a reduction in slurry store size and reduced amounts of dirty water to dispose of, resulting in cost savings.

- Rainwater does not contain treatment additives, such as chlorine, and is therefore ideal for irrigation.

- Rainwater is also ideal for crop spraying.

- Rainwater harvesting can reduce dependence on rivers and groundwater sources – now under increasing demand from an increasing population.

- Rainwater harvesting can also reduce the risk of localised flooding where water from large roof areas is not managed correctly.

**Spraying**

Typically a crop sprayer requires 200 litre/ha although requirements differ for individual farms. This is usually taken directly from the mains water supply or, in some cases, pumped from streams and rivers. This can be costly to both the farm and the environment.

We manufacture a selection of large water tanks ranging from 10,000 to 25,000 litres. These are perfect for collecting rainwater from your barn roofs.

**Livestock**

On a typical dairy farm, 50-75% of the water used is for livestock, with an estimated cost of £100 per cow per year.

Below is an estimated breakdown of the water usage on a typical dairy farm.

- Livestock drinking: 52%-77%
- Plate cooler use: 0 to 23%
- Yard & parlour wash down: 5 to 17%
- Plant washing: 4 to 10%
- Other: 0 to 5%
- Sprayer use: 0 to 2%
- Domestic (est @150 ltr/day): 3 to 6%
Commercial & Industrial

Rainwater Harvesting Systems

The cost of water is an overhead that businesses can often ill afford. Typical charges for mains water are currently between £1 and £2 per cubic metre, and prices are expected to rise.

Using a rainwater harvesting system can reduce this expenditure - saving £1.50 to £4.50 per square metre of roof. Commercial buildings usually have large roofs and a high volume of free, naturally soft water can be collected.

Without an overall strategy for attenuation surface water, the amount of rainwater that is collected on the roofs of commercial buildings can actually be problematic. A rainwater harvesting system can also form part of this overall strategy.

Rainwater harvesting systems are increasingly being incorporated into commercial and public-sector developments. They are often installed to help achieve various credits for sustainability standards, such as BREEAM. Modern manufacturing plants have a requirement to minimise environmental impact and to show commitment to sustainability.
Commercial & Industrial uses

- Where water is discharged to a sewer, water companies will charge a proportion of your water supply costs for the discharge of water into sewers. Reducing mains water consumption will reduce this charge and save you money.

- The Enhanced Capital Allowance (ECA) scheme offers a 100 per cent first-year allowance for investments in some water efficient plant and machinery.

- An average four bedroom house captures more than 100,000 litres of rainwater each year. Industrial and commercial properties can collect much more.

- This rainwater can be used for manufacturing processes and, because it is naturally soft and limescale-free, machinery is protected from damaging deposits.

- Harvested water can be used for ground maintenance, fleet and machinery washing, toilet flushing or wash-downs.

- A large roof offers a simple solution for easy collection, but channelling all the water from any roof to a single point can be a challenge. Modern manufacturing units usually have multiple down pipes located around the perimeter of the building. Tanks can be located around the site as required.

- Rainwater Harvesting Systems help alleviate storm water management and flooding issues by redirecting water that would otherwise go straight to surface water or storm drains.

- Saving rainwater reduces the need for water treatment and transportation.

Toilets & Urinals

Urinals use approximately 10 litres of water for a single bowl flush and, although these should be fitted with a water saving device to prevent them flushing when not in use, they can be quite costly.

You can save money by using rainwater to flush all your toilets and urinals. To ensure an uninterrupted supply, install a backup system that will automatically top up with mains water as required.

Water jet cutting Fleet washing

Filtered properly, there is no reason why rainwater can’t be used in water jet cutting.

Collected rainwater is stored in a large storage tank, then pumped through fine particle filters to an internal holding tank for filtered water. Other filters are added to further protect machinery.

Bus and truck wash systems can use 1000’s of litres of water, which depending on the size of your fleet, could be expensive. A great way to reduce this cost is to use a commercial rainwater harvesting system.

We can provide systems that will not only collect rainwater but also filter and reuse it. These systems are available in above and below ground versions.
## Rainwater Harvesting System Overview

<table>
<thead>
<tr>
<th>System</th>
<th>Application</th>
<th>25m Rainwater pipe</th>
<th>Garden tap &amp; connections</th>
<th>Back in a box</th>
<th>Pipework / fittings</th>
<th>Pre-in-line filter</th>
<th>Large cylindrical filter</th>
<th>Compact gully filters</th>
<th>Mains water backup</th>
<th>BPT1200SS</th>
<th>HydroForce</th>
<th>Pump</th>
<th>Domestic (inc garden)</th>
<th>Car washing</th>
<th>Garden</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SuperComplete</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SuperComplete PLUS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EasyHYDRO</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EasyHYDRO PLUS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Garden</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Car washing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Domestic (inc garden)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pump</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Filters</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** The table includes various components and accessories for rainwater harvesting systems.
Aboveground

The simplest form of rainwater harvesting system involves the use of above ground water butts and water tanks. Installation is simple and relatively cheap. In addition, multiple tanks can be installed around the property - not just by the main building but also by sheds, greenhouses or outbuildings. This allows reserves of water to be stored around the site where required.

Water can be pumped for non-potable applications such as garden use or pressure washing cars.

First, choose the shape of tank which would suit you best

- For tight spaces choose the slimline range. Unobtrusive and modern in design, they are ideal for siting against walls or behind sheds. Unlike most conventional water butts with a capacity of less than 150 litres, our smallest slimline butt holds 280 litres but has a depth of only 340mm (13"). Our slimlines range from 280 litre to 1950 litres. All come with high quality threaded brass outlets pre-moulded into the tank. The vented lids allow water to be removed easily.

- If width is an issue, our EcoPillars provide an elegant and practical solution. They are fast becoming our most popular water butt. Available in three different sizes (525, 800 and 1275 litres), the EcoPillar has three outlets. The raised front outlet is designed to take a high quality brass tap and is suitable for filling watering cans. The two outlets at the base of the pillar take a shut-off valve with hose connector, allowing it to be drained completely and maximising the capacity of the tank. They are ideal for an irrigation system or leaky hose.

- Our range of cylindrical tanks provides the best value for money high capacity water storage solution. Ranging in size from 900 litres to 25,000 litres, there is sure to be a tank to suit your requirements. For the larger tanks, a 2" outlet can be moulded into the tank on request.

All our water butts are available in a range of different colour options to suit their location. Colour samples are available on request. For the higher capacity butts, larger lids are available if required.

Ecosure water butts are made to last and are UK manufactured from industrial strength MDPE. They are frost and impact resistant. The tank will not crack even if the water freezes, although it is advisable to ensure that the brass connections are protected in consistently sub-zero temperatures.
Insulated water tanks

Ecosure Insulated Water Tanks provide the perfect self-contained solution for the storage of water in harsh conditions.

Our insulated tanks provide a cost effective alternative to insulated GRP/FRP water storage tanks. Without the need for unsightly insulation jackets, which are prone to deteriorate and are not suitable for external use, the water is integrally protected from extremes of heat or cold. Of bunded construction, the inner tank is insulated with high grade polyurethane foam with a standard thickness of 25-30mm. This set foam is predominantly closed-cell rigid and is thermally stable between -30°C and 100°C. The outer tank ensures that the insulation is fully encapsulated and protected from external conditions to prevent degradation of the foam. The covered bund also prevents the collection of debris and rainwater.

Rotationally moulded for strength and durability, Ecosure Insulated Water Tanks are available in virgin MDPE as standard. This can be upgraded to WRAS approved polymer which is suitable for the safe storage of drinking water. This plastic meets the requirements of BS 6920-1:2000 and will not contaminate water. To reduce the risk of water contamination in domestic situations, Ecosure potable water tanks must be installed in accordance with UK water regulations with particular reference being paid to Water Regulations Advisory Scheme (WRAS) Water Regulations Guide. This may require additional fittings conforming to Schedule 2, section 7, paragraph 16 of the WRAS Water Regulations Guide (previously referred to as Byelaw 30 and Byelaw 60). These additional fittings should only be fitted when tanks are for indoor use. If in doubt, refer to WRAS Water Regulations Guide or contact your local authority. We can supply Bylaw 30 kits for the potable tanks, as well as a range of ball cocks and float valves.

Most Ecosure Insulated Water Tanks are provided with a 2” BSP brass threaded insert as standard, although 1” stainless steel or brass outlets are available on request. A high quality brass tap, or an isolation valve with hose connector allows the water to be easily removed. The 16” hinged lid on the outer housing protects the 14” inner screwdown lid. The hinged lid can be fitted with a hasp or staple for added security.
These tanks are protected from frost and harsh weather by a layer of thick insulated foam which is sprayed onto the inner tank. These are available with 1” and 2” outlets.
UNDERGROUND WATER TANKS

ECOSURE UNDERGROUND WATER STORAGE TANKS are designed with strength and ease of installation in mind. Lifting lugs are provided in larger tanks for easy manoeuvring and the tanks are compatible with UK standard 4” (110mm) pipe fittings. Ideal for rainwater harvesting or waste water storage, a neck ring provides access for maintenance or for the installation of pumps and parts. They’re manufactured in premium virgin polymer as standard, but can be upgraded to WRAS approved polymer suitable for the safe storage of drinking water. A range of pumps, filter boxes and tank connectors is also available.

280 Litres
ref: ECO280V1UND
H. 1260mm L.1100mm W. 340mm

280 Litres
ref: ECO280V2UND
H. 960mm L.1100mm W. 340mm

350 Litres
ref: ECO350V1UND
H. 1150mm L.990mm W. 520mm

350 Litres
ref: ECO350V2UND
H. 920mm L.990mm W. 750mm

400 Litres
ref: ECO400V1UND
H. 1450mm L.1240mm W. 345mm

400 Litres
ref: ECO400V2UND
H. 850mm L.1240mm W. 1000mm

500 Litres
ref: ECO500V1UND
H. 1460mm L.1250mm W. 460mm

500 Litres
ref: ECO500V2UND
H. 910mm L.1250mm W. 1010mm

750 Litres
ref: ECO750V1UND
H. 1700mm W.600mm L: 1250mm

750 Litres
ref: ECO750V2UND
H. 1100mm W.1000mm L: 1250mm

D950 Litres
ref: ECO950V1UND
H. 1400mm L.1400mm W: 900mm

D1000 Litres
ref: ECO1000UND
H. 1500mm W.1000mm L: 1200mm
These water tanks come fitted with 4” outlets and up to a 16” access lid. Some of the underground water tanks are available with either fixed or removable turrets.
Brochures available on request

WATER TANKS
Agricultural | Commercial
Slimline | Underground

OIL TANKS
Bunded | Waste | Single Skin
Underground | Fuel Dispensers
Adblue | Spill Containment

The Garden
elegant garden planters,
water butts & rainwater
harvesting systems

Supplied by

Disclaimer
All plastic products are subject to shrinkage when moulding
therefore dimensions may vary slightly. Where sizing is
critical please call our sales team to verify the actual
dimensions.