

## Key benefits of Eco-Vat Home

- No need for concrete surround
- Tested to withstand the water table at a burial depth of up to 6 meters (0.6 bar of pressure)
- Comes pre-assembled, ready for installation
- Quick and easy to install
- Available as a gravity-fed or pressurised system
- Helps reduce your carbon footprint by lowering the volume of water to local treatment works
- Reduces domestic mains water usage by up to 50%
- Three stage filtration, resulting in the water being filtered to 110 microns
- Mains water back-up
- Can be used for toilet flushing, washing machine and garden irrigation
- Rain is soft water, which reduces limescale and prolongs the lifespan of appliances
- Tank sizes available from 1500-5500 litres
- Only a small control panel within the house, all other components are installed within the tank
- No noise from the pump as it is located within the underground tank
- Designed to integrate with Polypipe's above and below ground product ranges
- Designed by civil engineers specifically for the UK domestic market
- Based on proven and tested product installed in 100,000's of civil engineering projects
- Filter uses 'first flush' principle

### Polypipe Building Products

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# ECO-VAT HOME

## A COST EFFECTIVE WAY TO RECYCLE RAINWATER



# Eco-Vat Home

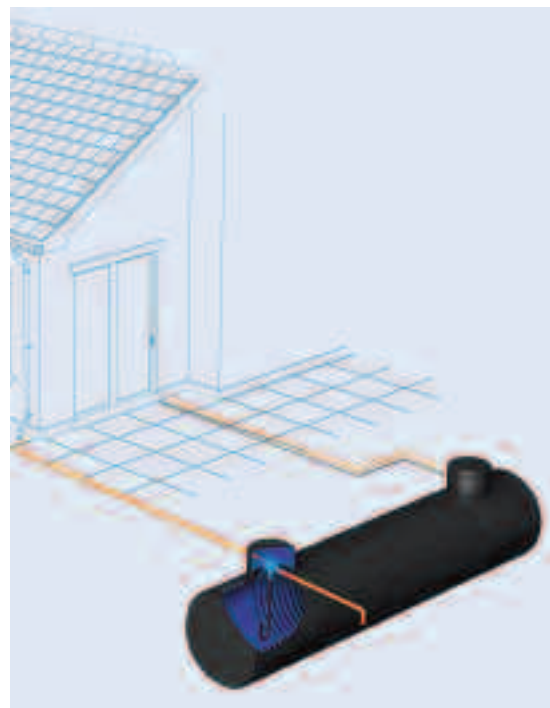
## Domestic Rainwater Harvesting Systems

Eco-Vat Home has been created by Polypipe after intensive research and development to design a robust and cost-effective rainwater harvesting system for the UK domestic market.

Polypipe has almost 10 years experience in rainwater harvesting and it is through our proven track record that we have been able to develop a new system specifically for the domestic market. Rainwater harvesting allows the home owner to save up to 50% of their rain water usage within the home.

### Gravity-fed and pressurised systems

Polypipe offer both gravity-fed and pressurised systems. Within a gravity-fed system, water is pumped from the Eco-Vat Home tank to a header tank in the loft. The water is then fed to each appliance through a gravity pipe system. Pressurised systems use a pump to feed water directly to the appliance on-demand. Polypipe advise the use of a gravity system where possible to reduce the effects of pump failure in the event of a power cut.



### No need for a concrete surround

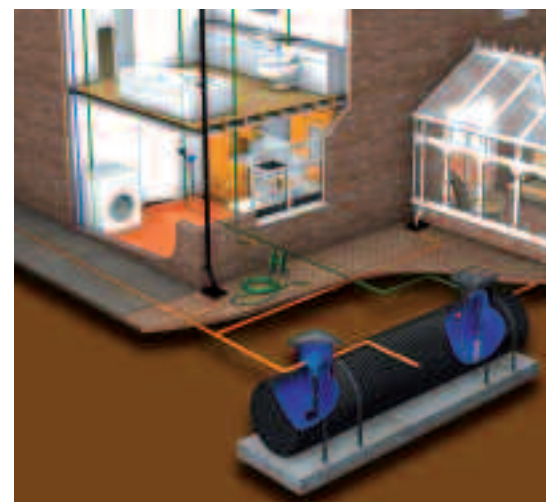
The structured wall design of Eco-Vat Home has created a system that is unique in its ability to withstand any ground conditions. The key benefit of Eco-Vat Home is that it will never need a concrete surround, even in cases of a high water table. All that is needed is a concrete base which the tank is strapped to. It provides a simple solution to the complex problem of rising water tables and changing weather patterns. As most systems are installed during the summer months, when water tables are at their lowest, the resulting winter rising water table is often not taken into account. Some systems are not designed to be installed within the water table and are unable to withstand the hydrostatic pressures, resulting in their collapse. Eco-Vat Home, has been designed by civil engineers to withstand these hydrostatic pressures. Further testing has taken place proving the tanks capability to withstand water pressure at a burial depth of up to 6 meters or 0.6 bar, far beyond the pressure the tank is likely to face.

### Tank sizes for the UK market

The range of Polypipe Eco-Vat Home tanks has been researched and designed to meet the exact requirements of the UK market, based on the national average household water usage and the most up to date MET office data. Eco-Vat Home tanks allow the homeowner to meet the exact requirements and therefore provide the most cost effective and efficient solution, without the need to over specify and incur disproportionate purchasing and installation costs.

### Tank Sizing

For a free tank sizing assessment, view our online assessment forms at [www.polypipewms.co.uk](http://www.polypipewms.co.uk) or for specific enquiries contact Building Products on **01709 770000**.



### Product Range

Code:	Description:	£
ECVRDT1.5LF	1500litre Ridgidrain tank with Leaf Filter	POA
ECVRDT2.5LF	2500litre Ridgidrain tank with Leaf Filter	POA
ECVRDT3LF	3000litre Ridgidrain tank with Leaf Filter	POA
ECVRDT4.5LF	4500litre Ridgidrain tank with Leaf Filter	POA
ECVRDT5.5LF	5500litre Ridgidrain tank with Leaf Filter	POA

### Key Benefits

- Pre-assembled ready for installation
- No need for a concrete surround
- In built leaf filter
- Can be tailored to individual project needs; toilet flushing, washing machine use and garden irrigation
- Reduces domestic mains water usage by up to 50%
- Reduces carbon footprint by lowering volumes of water from local treatment works



For further information call 01709 770 000 or visit [www.polypipe.com](http://www.polypipe.com)