

# INTERNAL BREAK TANKS #2

- Designed for use in domestic and commercial gravity rainwater systems.
- Available in a range of sizes to meet a variety of applications.
- Manufactured to BS4213.
- Integral calmed inlet for mains water supply connection via type AA air gap.
- Ballcock for rainwater inlet.
- Mains water assembly with integral tundish, solenoid valve and isolating valve with dirt strainer.
- Pre-fitted precision float switch for control of mains water supply.
- Fully compliant with UK Water Regulations.
- Supplied complete with vent, overflow and warning pipes, snap-on lid and insulation jacket.

Designed for quick and easy installation.

Our break tanks are supplied pre-fitted and ready for use complete with special mains water top-up assembly, thus saving valuable installation time on site.

Simply connect the overflow pipe, mains water and supply from the rainwater pump; make the electrical connections for the float switch and solenoid valve, and the system is ready for operation.

Three sizes are available off the shelf; 112, 225 and 450 litres, with many other sizes available to order in both one-piece or sectional formats. Larger tanks are all pre-insulated, with various accessories available including internal and external access ladders, valve chambers, drip trays etc.



Mains water top-up assembly:  
Regulation compliant assembly incorporating stainless steel tundish, solenoid valve and manual isolating valve with inbuilt dirt strainer.

One-piece polyethylene header tank.



## Flexible System Design

Our comprehensive range of specialist items has been developed specifically for rainwater harvesting systems. Because the range consists of separate components, it has exceptional flexibility.

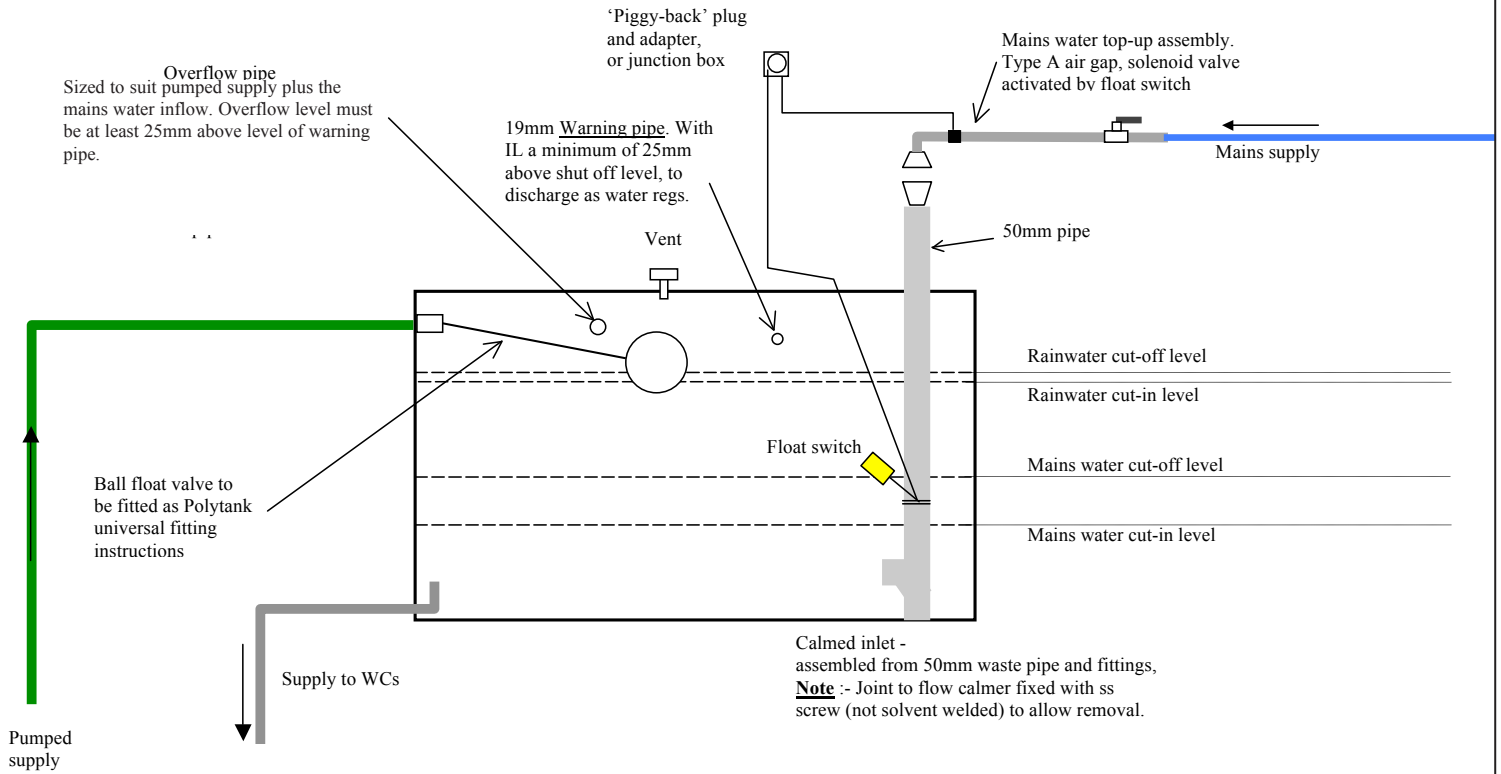
These items are suitable for almost any system design, whether you're planning a system for a small house, school or large industrial or commercial premises.



We are the UK's sole supplier of Wisy products for rainwater utilisation

# Header tank assembly

## Header Tank Detail Arrangement with Rainwater via ballcock and mains water via Tundish



**How It works:** The tank is supplied fitted with 50mm inlet pipework to accept the tundish from the mains water top-up unit. The pipework is fitted with a precision float switch that controls the solenoid valve. The tank is also supplied with a ballcock for the inlet from the rainwater pump. As the tank begins to empty, the ballcock opens to allow refill from the rainwater supply. If there is no rainwater available (or if there is a pump fault) the water level drops until the float switch falls, thus activating the solenoid on the mains water supply. The tank then continues to run on mains water until rainwater becomes available again.



Example of a larger pre-insulated one-piece GRP tank fitted with a raised valve chamber.

With our GRP range of pre-insulated tanks, a great many sizes are available and as each is built to order, we can supply a tank to suit your particular requirements, whatever they are. GRP tanks are of 50mm insulated sandwich construction and can be supplied with various options, including raised valve chambers that can be fitted with *Keraflo* 'Aylesbury' valves. All can be single piece or sectional as required and larger tanks can be fitted with internal (stainless steel) and external (galvanised) access ladders. Sectional tank prices include assembly and installation by specialist fitters.

Distributor:

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