



waterwise

## UK Water Efficiency Product Awards

### Winner

### Category: Garden

## Watflo Dual Flow Water Diverter; Filter Unit + H2O harvester brainbox

Key Features: Collects both rain and grey water which can then be used for a variety of different uses. The brainbox monitors the water usage and storage levels.

The products collect both grey water, from sources such as the shower and bath, and rain water, from the roof of a property. This water is then stored in a water butt or tank which can either be above or below ground. This water can then be distributed for use in the toilet, as well as for outdoor use for use such as cleaning the car or watering the garden and for use in high pressure hoses.

The h2o harvester brainbox is an innovative product intended to disrupt the water harvesting market in the UK and overseas. The product is cost effective, easy to install and is fit for the mass market. The brainbox is a state of the art control box that monitors and controls the grey and rain water from the water diverter and filter system. It is fitted with a digital display to monitor the amount of water being used and saved by a water meter in the box. It can also be used has an intermittent water on the box that can be set for watering hanging baskets and window boxes and there is a hosepipe connection for use on gardens and cleaning cars. When the water in your water butt or tank runs low



because of a lack of grey water or rain water, the brainbox will electronically swap over to a mains supply, meaning you will never be out of water, using the system. An app is also being developed that will allow remote control of the system.

Much of the water we use everyday does not need to be of drinking water quality. The water treatment process is very intensive, so water reuse and the use of rainwater would be more suitable for many uses. Around 55% of domestic treated water could be substituted for the grey and rainwater. This would provide massive savings on water bills for the homes subject to water meters, with all new houses fitted with such meters. Whilst the key benefit in the UK would be water bill savings, in countries with water shortages the product could have a massive impact on water consumption and significantly improve the quality of life for many people.

The Watflo integrated system of rainwater and greywater collection and distribution paves the way for intelligent systems of water reuse



The Waterwise UK Water Efficiency Product Awards celebrate products and technology that contribute to water efficiency, which benefits the economy, society and environment.

