



Drainwave - Drain flushing device to help low water use installations

The Garden House, Castle Bromwich Hall Estate, Solihull, B36 9DE.

Reduced water use can have an impact on the existing drainage system. Drainwave is a patented adaptation of the method to flush drains with a set volume of water originally used by Victorian engineers to keep the main sewers clean.

In new developments the drainage system design can take into account the anticipated wastewater flows, but even then there maybe concerns over the lack of sustained self-cleansing velocities.

The Drainwave collects waste water and combines this with water from the toilet to increase flush volume down sewage pipes. The device stores water temporarily and once it has reached a predetermined capacity (9.5 litres) automatically tips, sending an adequate volume to flush through the pipe and remove any deposits from the drain or sewer.

The device is installed underground near the building and contains only one moving part, so requires little or no maintenance.

Old technology versions suffered from noise and maintenance issues due to the metallic materials used. This product from Australia is light weight, robust and very simple. It provides assurance to the system designer that blockages due to low flows will not occur. It is simply installed outside of the house and can be accessed if required.

Contact: Martin O' Donnell, Konserve. Tel: 0121 748 6866. www.konserve.co.uk