



ecodigester 
The Sewage Treatment Company Limited

Small Scale Sewage Treatment Plants



**Easy to install, efficient, economical and ecologically proven
sewage treatment systems for individual houses or multiple
dwellings in the country, where no mains drainage is available**

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How ecodigester works

Human Sewage contains micro-organisms which require substantial amounts of oxygen to enable them to degrade rapidly. Without this process, untreated effluent discharges into the environment causing significant pollution.

By blowing air continuously into the treatment area of the unit, the ecodigester supplies enough oxygen to enable the micro-organisms in human sewage to degrade rapidly. The air is diffused in very fine bubbles within a vortex-inducer to create vigorous circulation within the treatment area, so that all the sewage contaminated water is continuously exposed to fresh oxygen. Within this area, solid plastic media is also used to ensure total breakdown of the solids and to provide an enhanced surface area for the micro-organisms to adhere to.

As fresh water enters the unit, water flows from the treatment area to the settlement area, ensuring that any solids settle before discharge to the ground or watercourse.

All our products are made to the relevant international standards

In Europe BS EN 12566-3

An add-on septic tank treatment system is classified as a tertiary system. It is therefore not covered by this standard.

Our ecodigesters will produce an effluent quality of:

20mg/l	BOD.5
30mg/l	Suspended solids
20mg/l	Ammonical Nitrogen (as N) on a 95% basis

