Efficient, reliable and cost-effective wastewater treatment system for domestic applications.

- Very small footprint
- Can be tailored to suit individual sites
- Manufactured in NI from strong, robust, impact resistant polyethylene – unlike alternatives which are prone to cracking if not handled carefully
- Easily installed due to light weight material
- Quiet in operation - There are no electrical or mechanical components within the tank. The only mechanical component is a small air compressor
- Extremely low maintenance & running costs – (Energy efficient Air Pump – 38-43W)
Viltra’s OXTEC is a 3-stage biological process wastewater treatment system contained in a single tank structure. It is a highly efficient, reliable and cost-effective way to dispose of domestic sewage where there is no access to a main sewer.

Key Features

• Single tank installation to minimise costs
• Strong and secure access cover
• Failure alarm systems as standard and not at additional cost
• No mechanical or electrical parts within unit
• Rotationally moulded in tough, durable polyethylene for easy and cost-effective installation
• Sealed unit with no joints below water level

Site Installation Guideline of Viltra’s OXTEC wastewater treatment system

The OXTEC wastewater treatment system is tested and certified to exceed the current Environment Agency standard of 95% with an overall average of 96.7%.

** May vary subject to specific site conditions

### Dry Ground Conditions

- Inlet
- 6-10mm pea shingle backfill
- Wet concrete bed, haunched up around side of tank
- Minimum 150mm below base of tank

### Wet Ground Conditions

- Inlet
- 6-10mm pea shingle backfill
- Wet concrete bed, haunched up around side of tank
- Plastic Membrane
- 200mm hardcore and blinding as necessary
- Outlet
- Concrete Backfill
- Wet concrete bed, haunched up around side of tank

** Removal efficiencies up to 99%**

- Consultancy & Design
- Site Survey and Design Proposals
- ‘Consent To Discharge’ Advice and Management
- Installation & Commissioning
- Ongoing Servicing & Maintenance
- Spare Parts

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