



**OXTEC**

# Specification Guide

To meet the Environmental Agency's strict effluent discharge requirement of **95% BOD removal**, Viltra can offer the **OXTEC Sewage treatment system** which is tested and certified to **EN12566-3** European Standards.

**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.**

## Benefits

- Very small footprint
- Can be tailored to suit individual sites
- Manufactured in NI from strong, robust, impact resistant polyethylene – unlike GRP 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)

## 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

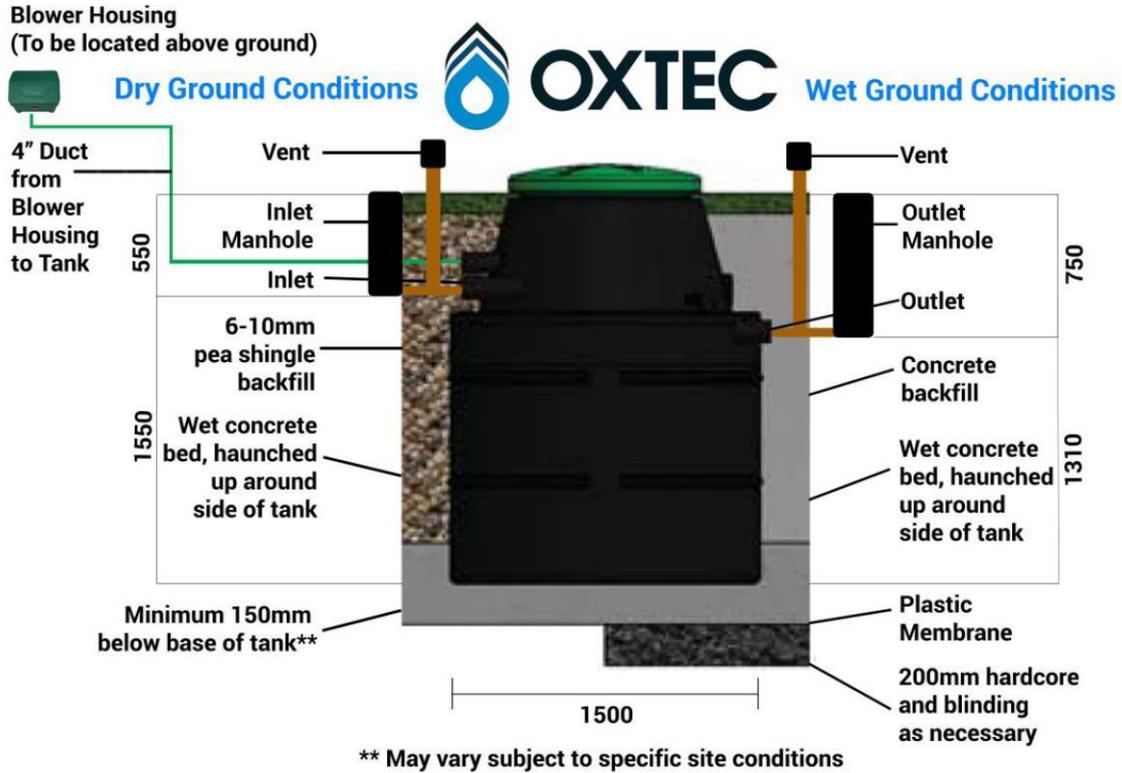
**As part of Viltra's service we also provide the following:**

- Site Survey
- Carry out Consent to discharge application with NIEA
- Site delivery
- Free commissioning

## Specification

Model Ref	OXTEC
Certification	EN 12566-3
PE	6
BOD/day (Kg)	0.36
Flow/day (m3)	0.90
Length (mm)	1500 Diameter
Width (mm)	
Depth (mm)	2118
Inlet Size (Ø mm)	110
Weight (kg)	200
Blower Rating	38-43W

## Installation



## Aerial view of OXTEC Wastewater Treatment Plant



## Drawing

