



IWOX[®]
Premium

Specification Guide

To meet the Environmental Agency's strict effluent discharge requirement of **97.5% BOD removal**, Viltra can offer the **IWOX Premium Sewage treatment system** which is tested and certified to **EN12566-3** European Standards.

Viltra's IWOX® Premium wastewater treatment system is a 3-stage wastewater treatment system in a two-tank configuration that uses a biological process to effectively treat sewage. It is a highly efficient, reliable and cost-effective solution to sewage disposal for domestic applications where there is no access to a main sewer.

Benefits

- Very small footprint
- Rotationally moulded in tough, durable tank-grade polyethylene for easy and cost-effective installation
- Can be tailored to suit individual sites
- Certified for up to 8 people (1200 Litres per day)
- Easily installed due to light weight material
- Quiet in operation
- Extremely low maintenance and running costs; only one mechanical part (Energy efficient Air Pump – 50-55W)

Key Features

- Only one mechanical part - (Energy efficient Air Pump – 50-55W)
- Strong and secure access covers
- One piece mould with no joints below water line
- Manufactured in NI from strong, robust, impact resistant tank grade polyethylene – unlike GRP alternatives which are prone to cracking if not handled carefully.
- Unique buffer zone technology
- Features an external air compressor failure alarm – which can be fitted anywhere on the premises
- 2 Year Warranty*

*Blower & Small Parts

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

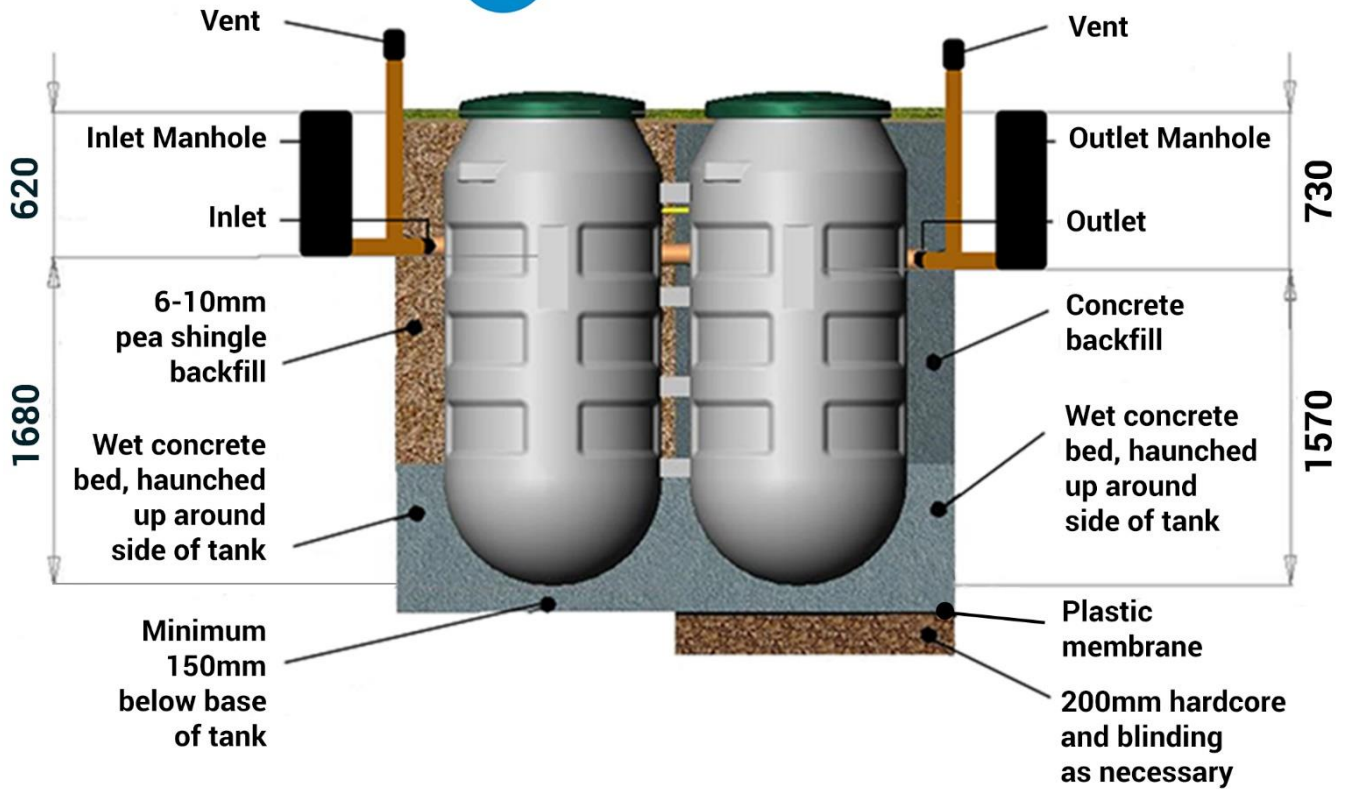
Specification

Model Ref	IWOX Premium
Certification	EN 12566-3
PE	6-8
BOD/day (Kg)	0.48
Flow/day (m3)	1.2
Dimension (L x B x H)	2,4 m x 1,1 m x 2,4 m
Depth (mm)	2250
Inlet Size (Ø mm)	110
Total Empty Weight	+/- 200 Kg
Blower Rating	50-55W

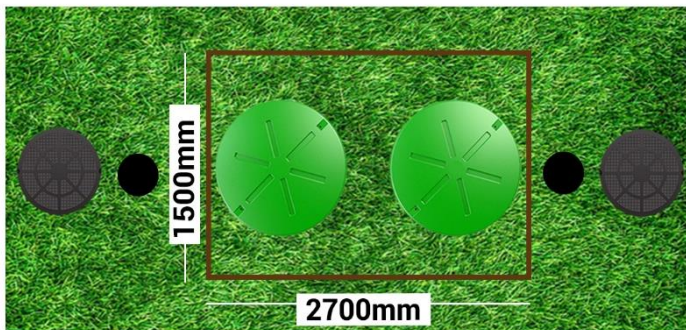
Site Installation of IWOX Wastewater Treatment Plant



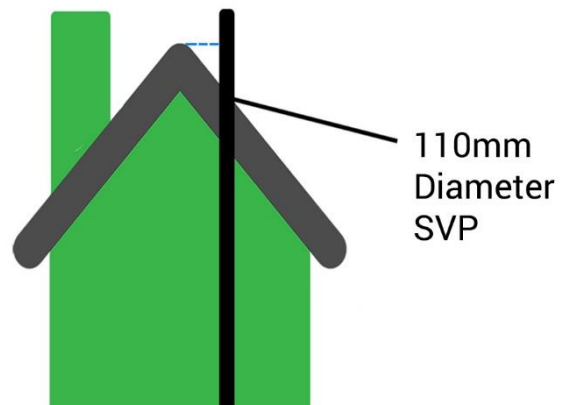
Dry Ground Conditions IWOX[®] Wet Ground Conditions



Aerial View of IWOX Wastewater Treatment Plant



Ventilation - Soil Stacks



Viltra recommends that the soil vent pipe clears the ridge line of the house