

Filtrex ATS (Alternative Treatment System)

Wastewater Recycling...
the future is in your hands



Introduction

With ever increasing awareness of water conservation and the effects of discharging untreated effluent in environmentally sensitive areas the **Filtrex ATS**, has a proven track record for Nutrient (Phosphate/Nitrogen) Removal in wastewater. It is a must for applications where nutrient removal is required due to poor drainage or high ground water, nearby catchment areas or open water bodies.

It will meet your long term onsite wastewater needs and at the same time, keep your lawn green. You will enjoy **ongoing savings** by re-using your household wastewater for sub-surface irrigation and therefore reduce your overall water consumption.

The Filtrex ATS System is **competitively priced** through a patented innovative design and will not require quarterly servicing.

The friendly alternative to an Aerobic Treatment Unit

How it works

The Filtrex ATS treats black and greywater combined.

The first stage of the process involves Septic Tanks which are used in the Primary Treatment of Sewage.

The wastewater then travels by gravity into one of the cells via a diversion valve. The wastewater is filtered through an amended soil sand filter that significantly reduces BOD₅, TSS, E Coli, TP and TN to a secondary effluent standard (AS1546.3.2017).

The **Filtrex ATS** is an alternating system which directs the flow of wastewater via a diverter valve so that at any given time only one cell is operating while allowing the other cell . This allows the unused half to dry out which rejuvenates the soil's ability to receive effluent.

Benefits for You

- ✓ 100% of household wastewater can be recycled
- ✓ **No servicing contracts**
- ✓ **No chlorine tablets**
- ✓ **No pump running 24 hours a day**
- ✓ The Filtrex ATS system is **competitively priced** through a patented innovative design and will not require quarterly servicing
- ✓ Wastewater to be dispersed over a larger irrigation area
- ✓ Lawns and gardens can be sustained with little or no watering
- ✓ Reduces the cost of maintenance
- ✓ No need for above surface sprinklers
- ✓ It has a very low profile, made from 5mm galvanised steel coated with industrial strength PVC material, making handling easy
- ✓ Due to its construction, water irrigates the lawn horizontally rather than straight down
- ✓ Over summer Nutrient removal is better than 90%.
- ✓ The **Alternative Treatment System** is capable of producing effluent quality equal to and in some cases better than an Aerobic Treatment Unit and land applications requiring use of an Aerobic Treatment Unit can be catered for in most instances by the Filtrex ATS.

Approved by the WA Department of Health

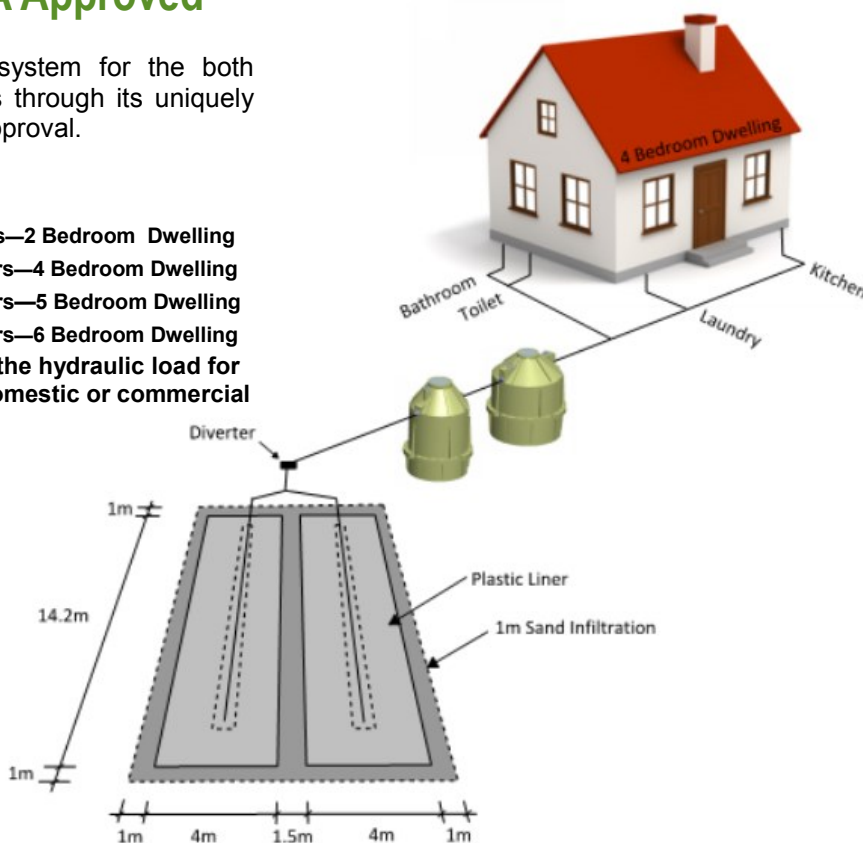


Department of Health WA Approved

The team at Filtrex can design a system for the both domestic and commercial applications through its uniquely patented design which has DOHWA approval.

ATS– Alternative Treatment System

- **Filtrex ATU2™**—564 litres/24 hours—2 Bedroom Dwelling
- **Filtrex ATU4™**— 829 litres/24 hours—4 Bedroom Dwelling
- **Filtrex ATU5™**– 1099 litres/24 hours—5 Bedroom Dwelling
- **Filtrex ATU6™**– 1369 litres/24 hours—6 Bedroom Dwelling
- **Filtrex GENX-ATU™**—Sized for the hydraulic load for an individual application either domestic or commercial purpose



Quality Guaranteed

Significant technical endeavour has gone into the design, development and testing of the Filtrex ATS. This has resulted in a high quality product which is simple, cost effective, low maintenance and energy efficient. In addition, we offer a 5 year guarantee* on our installation.

Site Location

The Filtrex ATS is a sub-surface system and is ideal for use beneath a lawn area.

However, it is not designed for vehicle or heavy equipment movement across the surface area.

Filtrex Innovative Wastewater Solutions

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Other Products

SEPRON TANKS

- ✓ SEP2200— SEPRON 2200 LITRE SEPTIC TANK
- ✓ SEP1500— SEPRON 1500 LITRE SEPTIC TANK
- ✓ SEP1000— SEPRON 1000 LITRE PUMP TANK
- ✓ SEP500— SEPRON 500 LITRE PUMP TANK

CONVENTIONAL SEPTICS

- ✓ MK1 SEPRON LEACH DRAINS
- ✓ MK2 SEPRON DRAINS

PUMPS

- ✓ DAVEY D40VA
- ✓ DAVEY D15VA

FLOAT SWITCHES & ALARM BOXES

