# Filtrex Water Re-use Split System

## Introduction

With ever increasing awareness of water conservation, the Filtrex Water Re-use Split System is a must for domestic wastewater treatment.

It will meet your **septic wastewater needs** and at the same time, keep your lawn and garden 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 Water Re-use Split System is **competitively priced** through a patented innovative design.

## How it works

The Filtrex Water Re-use Split System treats black and greywater separately.

The first stage of the process involves septic tanks which are used to break down solid waste and aid in the reduction of bacteria. The wastewater then travels by gravity into one of the cells via a diversion valve. If nutrient (phosphate) removal is required, amended soil is used to perform additional filtration. For the blackwater, the system is an alternating system with a diverter box which can change the flow of the effluent allowing one half to be shut off. This allows the unused half to dry out which rejuvenates the soil's ability to receive effluent.
For the greywater, a pump is used to irrigate the greywater via SullDrip lines to flower beds and garden areas. The drip lines which can be positioned according to customer's needs.

## Benefits for You

- ✓ 100% of household wastewater can be recycled
- ✓ No servicing contracts
- ✓ No chlorine tablets
- ✓ No pumps running 24 hours a day
- ✓ 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
- ✓ On the blackwater side, it has a very low profile, made from 5mm galvanised steel coated with industrial strength PVC material, making handling easy
- ✓ Due to its innovative design and materials used, you will find it more beneficial than a concrete leach drain
- ✓ Due to its construction, water irrigates the lawn horizontally rather than straight down
- ✓ Lowest installation height in the market

**Wastewater Recycling…**
**the future is in your hands**

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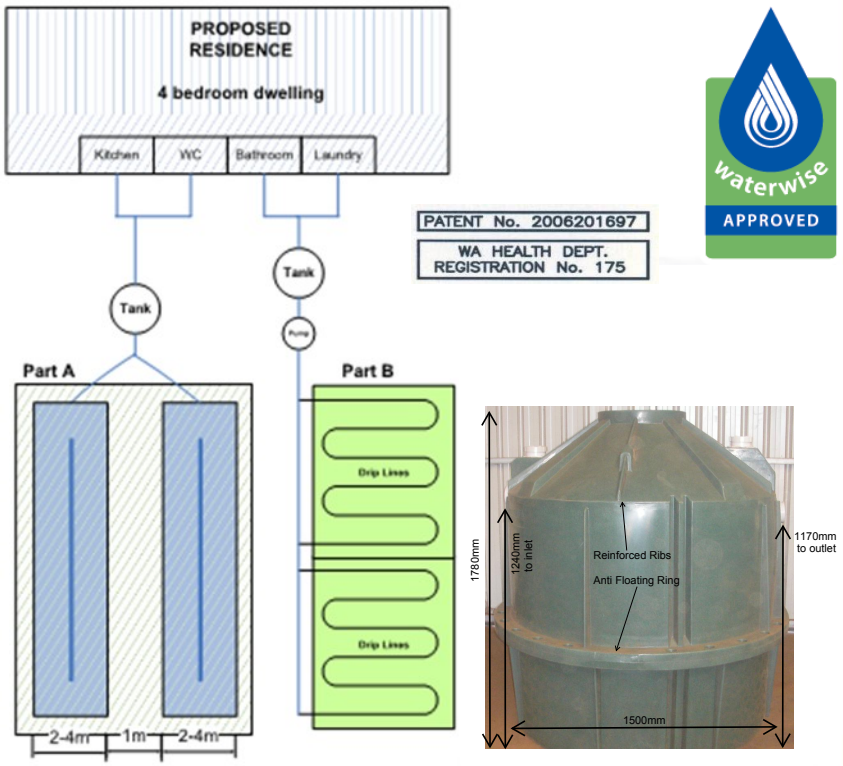
Filtrex™
Innovative Wastewater Solutions




PATENT No. 2006201697

WA HEALTH DEPT. REGISTRATION No. 175

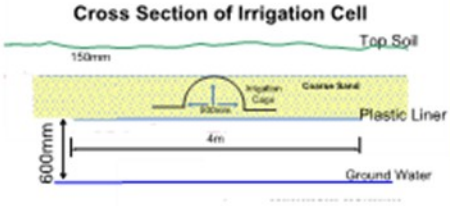
waterwise APPROVED




**Part A**
* Treats black water only.
* Depending on customer's need, can use either of the Filtrex Septic Systems.
* Filtrex Irrigation Leach Drain (no nutrient removal) 2m
* Filtrex Nutrient (Phosphate) Removal system 4m.

**Part B**
* Treats Greywater only.
* Can remove nutrients if required.
* Uses Sulldrip driplines which can be set according to customer's needs.
* Driplines min 0.3m and 1.5m apart.

**Cross Section of Irrigation Cell**




Smart Approved WaterMark

## Quality Guaranteed

Significant technical endeavour has gone into the design, development and testing of the Filtrex Water Re-use Split System. 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 Water Re-use Split System is a sub-surface system and it can form part of a lawn or fibrous rooted & garden landscape. However, it is not designed for vehicle or heavy equipment movement across the surface area.

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## Other Filtrex Products

We manufacture, supply and install a wide range of wastewater products to suit your specific needs:

- **Septic Systems —** Irrigation Leach Drains, Nutrient (Phosphate) Removal Systems
- **Greywater Systems**

Contact us to discuss customising a solution to meet your wastewater requirements.

Approved by the WA Department of Health

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