



Grey Water Recycling Systems

Efficiency, Reliability, Simplicity

www.ozzikleen.com

OZZI KLEEN Grey Water Recycling System (Domestic and Commercial)

Save water and money by installing an OZZI KLEEN grey water recycling system. The OZZI KLEEN grey water system treats your grey water to a reusable standard for irrigation on gardens and lawn or for toilet flushing. This system has the advantage of reducing the potable water consumed in a single home, multiple dwellings or commercial applications. The OZZI KLEEN grey water recycling system effectively allows you to use the same water twice, which would previously have been lost down the sewer. Our grey water recycling system is fully aerobic, so has no offensive septic odours as the oxygenated water does not allow septic decomposition. The final water produced is clean and available to reuse. OZZI KLEEN grey water recycling systems are available in a standard household model (GTS10) and can be easily custom designed for larger commercial applications.

OZZI KLEEN grey water recycling systems are manufactured under an annually audited quality assured process in our factory located on the Sunshine Coast, Queensland, Australia. We can deliver everything you need to your site - simply connect it up. The OZZI KLEEN grey water recycling system requires only minimal installation and connection works.

Australia has one of the world's most highly regulated water and waste water industry standards and our OZZI KLEEN systems maintain certification under the following Australian standards.



Key Benefits

- ✓ **Lightweight, robust, polyethylene tank design - cost effective, easy to install & transport**
- ✓ **Household cleaners, disinfectants and bleaches can be used in normal use**
- ✓ **15 year Manufacturer's Warranty on tank**
- ✓ **Suitable for in-ground or free standing above-ground installations**
- ✓ **High quality effluent for recycling**

- ✓ **Plug and play solution for commercial applications**
- ✓ **Equipped with programmable logic controller (PLC)**
- ✓ **Ideal for residential or large commercial applications**

OZZI KLEEN grey water treatment systems are built to last. The heavy-duty polyethylene tank is up to 20mm thick and is, weight for weight, 100 times stronger than concrete. As the OZZI KLEEN tank is roto-moulded and completely seamless, there is no risk of seepage, leaking or root intrusion. The mechanical components are all designed and constructed to ensure years of efficient, trouble-free service.

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Models Available

Household Grey Water System (GTS10)

OZZI KLEEN household grey water system (OZZI KLEEN GTS10) allows you to reclaim your grey water, which is otherwise lost down the sewer or unsafely diverted, leaving untreated grey water full of harmful bacteria and soap scum to pool in your backyard.

The OZZI KLEEN GTS10 grey water system has options available for almost any application (see below).

Commercial Grey Water Systems

Our expert OZZI KLEEN team can offer you a reliable and efficient grey water recycling system that can be designed and built quickly using innovative and proven technology. Our complete, plug and play grey water recycling system is designed and constructed in-house to demanding Australian standards by OZZI KLEEN's team of engineers, technicians and production staff.

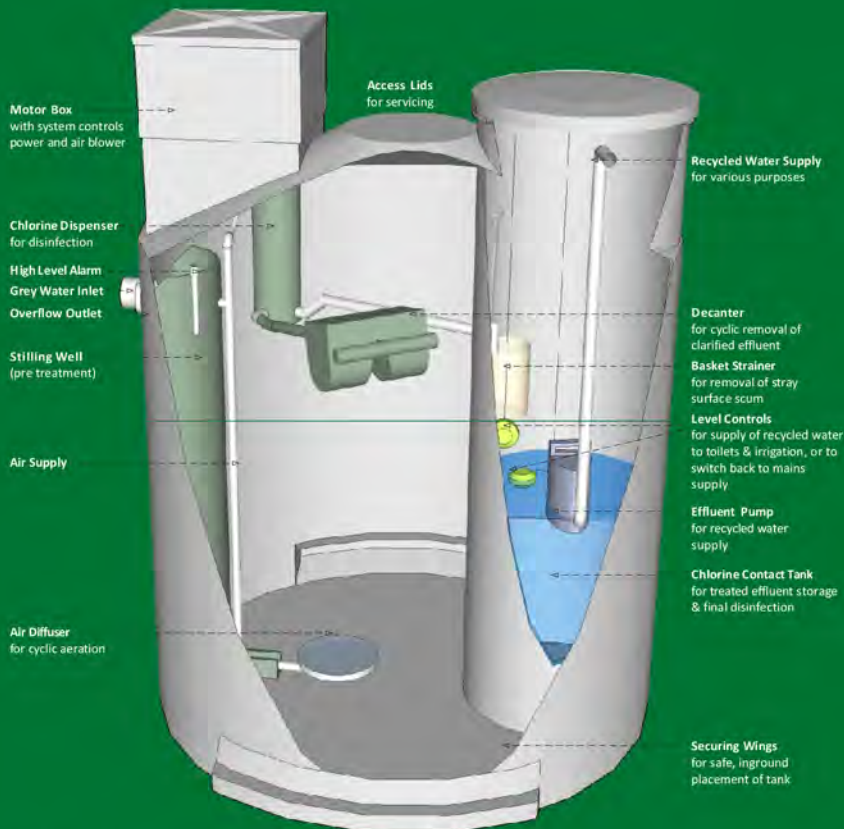


**Suitable for variations of surface or sub-surface irrigation (check with local authorities as to what is required in your area).*

GTS10 Options

Household Application	Model Inclusions	Grey Water reuse for:
GTS10	Standard	✓ Irrigation only (surface or subsurface)
GTS10 upgrade 1: outside tap/s & irrigation overflow (subject to local Council approval)	Pressure Pump upgrade	<ul style="list-style-type: none"> ✓ Outside tap/s ✓ Overflow to sewer; or ✓ Irrigation (surface or subsurface)
GTS10 upgrade 2: toilets & marked grey water outside tap/s (subject to local Council approval)	Pressure Pump upgrade & mains water diversion box	<ul style="list-style-type: none"> ✓ Back to toilets ✓ Outside tap/s ✓ Overflow to sewer; or ✓ Irrigation (surface or subsurface)

**We recommend that you contact your local Council to determine if treated grey water is permitted for reuse within your home.*



Dimensions

Tank Diameter	1.95m
Tank Wall Height	1.90m
Tank Overall Height	2.70m
Tank Weight	400kg (approx)
Tank Thickness	up to 20mm

How it Works

1. Aeration Cycle

The first cycle is an aeration cycle where the raw grey water enters into the treatment zone where it is aerated. This process dissolves oxygen into the waste to support and maintain the naturally occurring micro-organisms to oxidize and digest the grey (mainly body fats and soap) out of the grey water producing clear treated water for reuse.

2. Settling Cycle

The second cycle after aeration is a settling or sedimentation cycle. The sedimentation allows for any flocculated organic matter to settle to the bottom of the treatment zone producing a clear water layer at the surface. The settled matter contains the aerobic micro-organisms which carry out digestion and oxidation through progressive treatment cycles with up to twelve cycles per day.

3. Decanting Cycle

After a predetermined settling period a decanter device draws off treated and clarified water from the surface of the water in the treatment zone. This water then passes through a chlorinator to ensure disinfection of micro-organisms prior to discharge to a separate effluent storage compartment. The automatic effluent pump will pump out the disinfected water for recycling to the toilet and other external uses.

Your local OZZI KLEEN distributor:



OZZI KLEEN products are proudly owned, designed and manufactured in Australia by Suncoast Waste Water Management

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