



Grey Wise Water Recycling

Revolutionary
Back to House
Grey Water System





What is the Grey Wise?

The Grey Wise is a world-leading domestic on-site greywater internal re-use recycling system



Look & Feel





What Does the Grey Wise Recycle?

The Grey Wise recycles waste water from the following areas of a domestic residence



Shower



Bath



Vanity Unit



Hand Basin



Laundry



Spa Bath



What Can You Do With the Clean Water?

The recycled water from the Grey Wise is certified for reuse in:



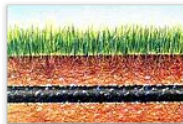
Toilet Flushing



Washing Machines



Surface Irrigation



Sub-surface Irrigation



Vehicle Washing



Path & Wall Washdown

Details of the Design

The Grey Wise has been designed to resemble a small, modern water tank.

Height	1410mm
Width	754mm
Depth	845mm
Material	Low Density Polyethelene (food grade)





Design Considerations

The Grey Wise is a designed and engineered, purpose-built greywater recycling plant, using high quality components.

It is designed to provide years of trouble-free operation in the harsh Australian conditions.

Only world-leading components have been sourced for the Grey Wise system.



Just How Good is the Treated Water?

The Grey Wise underwent extensive testing over a period of 18 months. This testing was conducted by a NATA certified university testing laboratory in Australia.

The following results are the average of all testing carried out:

BOD's	<3 mg/L
SS	<1 mg/L
Turbidity	0 NTU
Faecal Coliforms	0 cfu/1000mL
PH	7.26
TN	7 mg/L
TP	0.08 mg/L





Membrane Technology

The Grey Wise is the only domestic grey water recycling system in the world that successfully utilises flat sheet “membrane safe” technology.

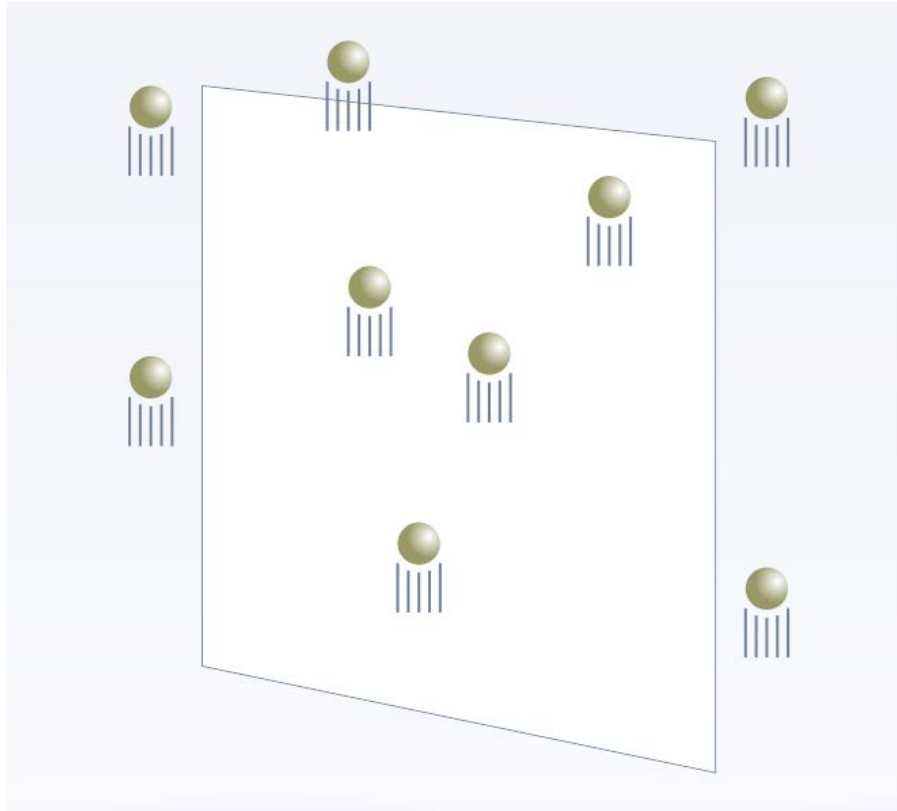
The membranes used have an international patent protecting the technology.

The membranes have a pore size of 0.2 microns, or 1/330th the diameter of a human hair.

The patented membrane technology used in the Grey Wise provides 99.999% germ free water.

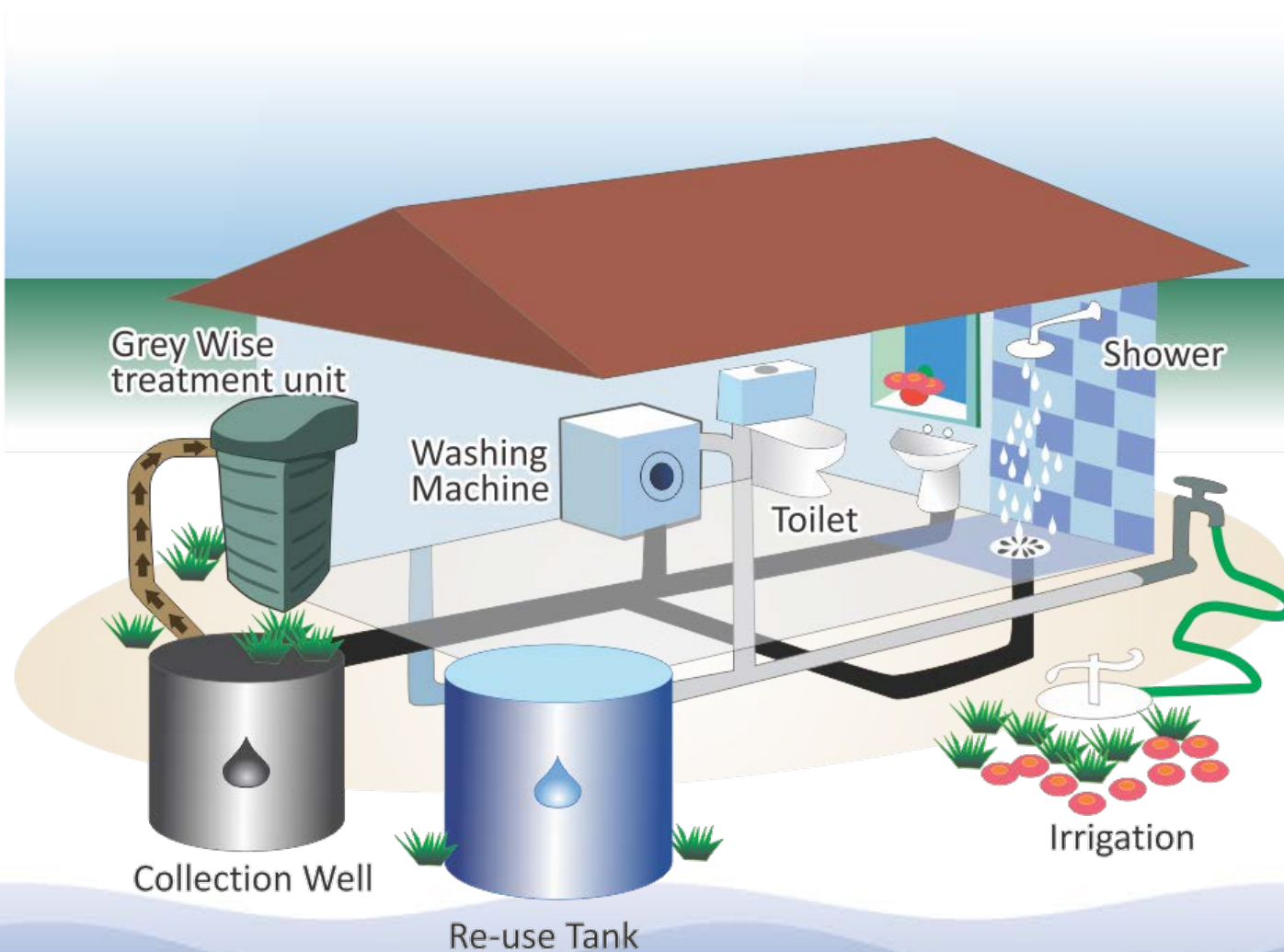
Membrane Technology

Flat Sheet Membrane



1. No accumulation of debris on fibres
2. Higher mechanical strength and less worry about damage
3. Excellent flux on highest operation

Flow Diagram





Treatment Capacity

Hydraulic Loading

Maximum flow rate	1140 litres/day
Optimal working flow rate	920 litres/day



Documentation

Need more information on the Wise Grey?
The following documentation is also available:

- Home owner's manual
- Installation manual
- Operation and maintenance manual
- Servicing procedure and checklist
- Official test results
- Warranty policy
- Brochures
- Additional marketing support



Servicing

All servicing must be carried out by a Wise Water Solutions certified service agent.

Wise Water Solutions provides full documentation required to ensure that servicing is carried out correctly every time



Warranty Policy

Electrical Components	2 years
Mechanical componenets	2 years
Membrane cassettes	18 months
Membranes	3 years
Grey Wise tank	15 years
Other items	1-2 years