



Ri-Treat EP10

secondary treatment system



Reclaim waste water by recycling and reusing it around the home

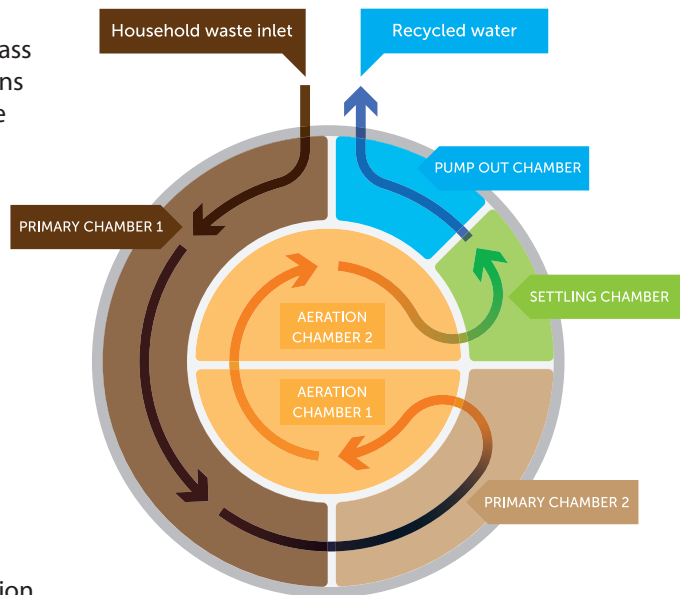
- Guaranteed superior quality • Engineer-designed with a 15 year warranty
- The only SA-manufactured secondary treatment system that's been tested, certified and approved to the Australian Standard (AS/NZS 1546.3:2017) for South Australian conditions achieving an average reduction of 27.1% in nitrogen and 25.1% in phosphorus

Ri Treat EP10 specifications (Equivalent persons (EP) = 10)			
Daily hydraulic load	1,500L	Weight	6,565kg
Primary chambers	3,300L	Width	2500mm
Combined aeration chamber	2,240L	Height	2460mm
Settlement chamber	480L	Inlet invert (from ground level)	730mm
Pump out chamber	450L	Inlet nominal size	100mm
Total liquid volume	6,470L	Risers available to increase invert	300mm
Air blower	Mac 100 LPM		450mm
Submersible pump	Lowara DOC 7		600mm

A superior secondary treatment system

Features of our system

- Mono cast 50 MPa reinforced concrete construction, with no fibreglass or plastic structural components means that no untreated effluent will escape into the environment.
- The high quality bio filter medium, with the added bonus of bristle filters, enhances the purity of the recycled water.
- All irrigation pumps are Lowara stainless steel, and are submersible, quiet, reliable and inexpensive to operate.
- The Japanese Mac100 air blower offers the most reliable and efficient aeration and has a 2 year warranty.
- A 15 year warranty on tank construction.
- Unique features, such as automatic sludge and skimmer returns.



Installation

- If base is rocky or uneven you will require road or gravel base. Do not backfill with rocky soil as damage may occur.
- SA Department of Health regulations state the lid must sit above ground level at the seal.
- For more information, see the Installation and Maintenance manual.



Ri-Treat EP10

- Hydraulic capacity 1,500L/day
- Organic capacity 700g BOD₅/day
- One tank system
- Mono cast concrete tank
- Weight 6,565kg



Leaders in pre-cast concrete products that enhance the environment

Ri-Industries was established 1947. We are totally committed to achieving excellence in all that we do, which is why South Australian residents and businesses repeatedly buy our products and regularly recommend us.

www.ri-industries.com.au

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