



Ri-Treat EP33

secondary treatment system



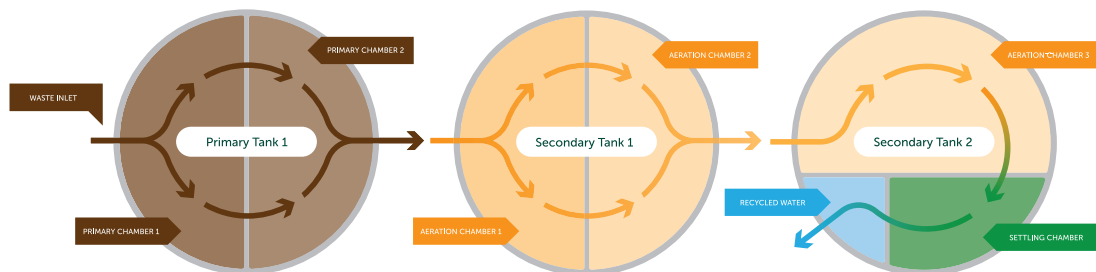
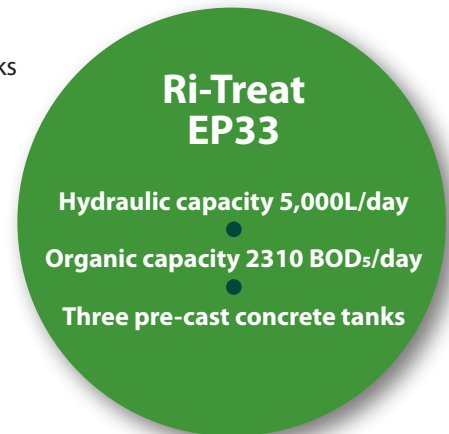
Recycling and reusing waste water

- 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

A superior secondary treatment system

Features of our system

- Consisting of three pre-cast 50 MPa reinforced concrete tanks with no fibreglass or plastic structural components so untreated effluent will not 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 lids must sit above ground level at the seal.
- Tanks must be half filled with water (all chambers) to stop flotation.
- For more information, see the Installation and Maintenance manual.

Ri Treat EP33 specifications (Equivalent persons = 33)			
Daily hydraulic load	5,000L	Width (excavation width min)	3,500mm
Primary tank 1	7,800L	Height	3,160mm
Secondary tank 1	7,500L	Length (excavation length min)	10,500mm
Secondary tank 2 aeration chamber	5,200L	Inlet invert (from ground level)	810mm
Secondary tank 2 settlement chamber	1,550L	Inlet nominal size	100mm
Secondary tank 2 pump out chamber	450L	Weight (including increment)	
Total liquid volume	22,500L	Primary tank 1	6,750kg
Air blower	4 x Mac 100 LPM	Secondary tank 1	6,750kg
Submersible pump	Lowara DIWA 7	Secondary tank 2	6,960kg



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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