

Ri-Treat EP33



Ri-Industries



Ri-Industries has been manufacturing septic tanks since 1947 and has developed efficient techniques to produce high-quality tanks built to last.

ri-industries.com.au

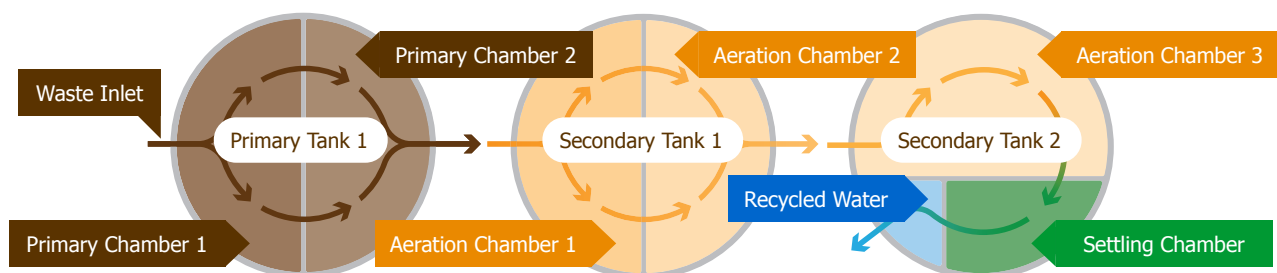
Benefits of a Ri-Treat EP33

- Reclaim your waste water by recycling and reusing water from your building or commercial sites
- Capacity for up to 33 people
- 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

Ri-Treat EP33 specifications (equivalent persons (EP) = 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

System Features

- 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.
- Unique features, such as automatic sludge and skimmer returns.

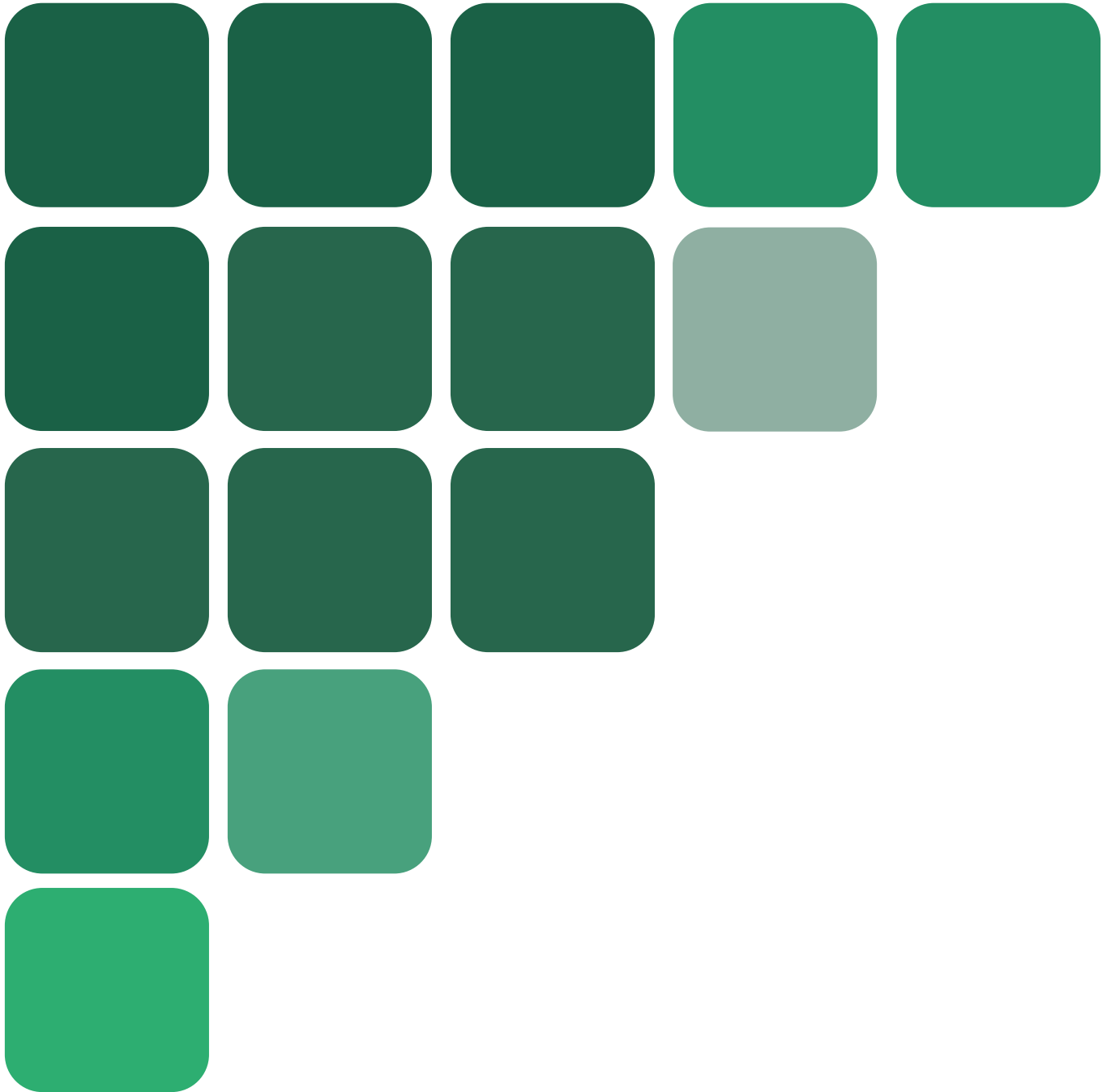


Ri-Treat EP33 Installation

- If base is rocky or uneven you will require road or gravel base. Do not backfill with rocky soil as damage may occur.
- SA Health regulations state the lid 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.

Product information	
Hydraulic capacity	5,000L/day
Organic capacity	2310 BOD ₅ /day
■ Three pre-cast concrete tanks	





Ri-Industries

24-30 Davis Street, Wingfield,
South Australia, 5013

(08) 8444 8100
sales@ri-industries.com.au

ri-industries.com.au

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