

# Ri-Treat EP10 secondary treatment system



**Reclaim your waste water by recycling  
and reusing water 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





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Leaders in pre-cast concrete products  
that enhance the environment  
[www.ri-industries.com.au](http://www.ri-industries.com.au)

# The best secondary treatment system

**The design of the Ri-Treat EP10 secondary treatment system is unique to Ri-Industries. Proudly South Australian, we have manufactured pre-cast concrete tanks and products since 1947.**

Our environmentally friendly Ri-Treat EP10 is guaranteed to be of superior quality. Our customers repeatedly tell us that "Ri-Industries products are the best in South Australia."

Choosing a Ri-Treat EP10 gives you a number of advantages:

- A 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.**
- Child-proof and vandal-proof lids give you additional **peace of mind.**
- A **15 year warranty** on tank construction.

The operation of the unit has other unique features, such as automatic sludge and skimmer returns.

*"...It's heartening that there are still companies who live up to their claims... I'd recommend Ri-Industries to anyone who asks."*

Home owner, Victor Harbor

# What you get

## When you purchase a Ri-Treat EP10, you receive:

- An internal alarm panel and external control box.
- Painted and sealed tank tops.
- Delivery of the unit and placement in the excavated hole (at drivers' discretion).
- Five council-approved reclaimed water signs.



# Installation notes

## Important:

- Hole excavation is minimum 3m x 3m square.
- 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.
- The Ri-Treat EP10 must be serviced quarterly by an authorised service agent. Ri-Industries can recommend a service agent in your area.
- For more information, see the Installation and Maintenance manual.

Ri-Treat EP10 • 6565kg



# Suitable plants

The list below is a guide to suitable plants for the surface irrigation disposal area. Please note, due to wide climatic and soil variations, you should check with your local plant nursery before finalising your plant choice.

## Trees

<i>Botanical name</i>	<i>Common name</i>	<i>Approx. height</i>
Agonis Flexuosa	Willow Myrtle	5 - 6 metres
Acacia Baileyana	Cootamundra Wattle	3 - 5 metres
Banksia Spp.	-	3 - 10 metres
Casuarina Glauca	Swamp Oak	6 - 12 metres
Casuarina Stricta	Drooping She Oak	3 - 5 metres
Casuarina Cunninghamiana	River She Oak	6 - 10 metres
Callistemon Viminalis	Red Bottlebruck	3 - 6 metres
Callistemon Salignus	White Bottlebrush	3 - 6 metres
Eucalyptus Robusta	Swamp Mohongany	6 - 9 metres
Eucalyptus Saligna	Sydney Blue Gum	15 - 20 metres
Eucalyptus Grandis	Flooded Gum	10 - 20 metres
Eucalyptus Camaldulensis	River Red Gum	15 - 20 metres
Eucalyptus Cosmophylla	Cup Gum	5 - 6 metres
Hymenosporum Flavum	Native Frangipani	3 - 6 metres
Leptospermum Laevigatum	Coast Tea Tree	5 - 6 metres
Melaleuca Armillaris	Bracelet Honey Myrtle	3 - 4 metres
Melaleuca Quinquenervia	Broad Paperback	5 - 7 metres
Melaleuca Nesophila	Western Tea Myrtle	2 - 4 metres
Pittosporum Spp.	-	2 - 4 metres
Syzygium Paniculatum	Bush Cherry	8 - 10 metres
Tristania Laurina	Kanuka	3 - 5 metres

## Shrubs

<i>Botanical name</i>	<i>Common name</i>	<i>Approx. height</i>
Abelia X Grandiflora	Abelia	2 - 3 metres
Acacia Floribund	Gossamer Wattle	2 - 4 metres
Acacia Longifolia	Sallow Wattle	2 - 4 metres
Acacia Iteaphylla	Flinders Range Wattle	2 - 3 metres
Cotoneaster Spp.	-	2 - 4 metres
Cortaderia Selloana	Pampas Grass	2 - 3 metres
Cyperus Alternifolius	Umbrella Grass	0.5 - 1 metre
Cyperus Papyrus	Papyrus	1 - 2 metres
Cassia Spp.	Swamp Mahogany	1 - 3 metres
Chamaelucium Uncinatum	Geralton Wax	2 - 4 metres
Dryandra Formosa	-	1 - 3 metres
Eremophila Spp.	-	1 - 2 metres
Grevillea Spp.	-	1 - 3 metres
Hebe Spp.	Veronica	0.5 - 1 metres
Iris Pseudacorus	Yellow Flag Iris	0.5 - 1 metres
Nerium Oleander	Oleander	2 - 3 metres
Melaleuca Decussata	Cross Leaved Honey Myrtle	1 - 2 metres
Phormium Tenax	New Zealand Flax	2 - 2.5 metres

## Perennials / Ground cover

<i>Botanical name</i>	<i>Common name</i>	<i>Approx. height</i>
Aster Novi-gelgii	Perennial Aster	0.5 - 1 metre
Canna	-	1 - 2 metres
Chrysanthemum Frutescens	Marguerite Daisy	1 metre
Chrysanthemum Maximum	Shasta Daisy	1 metre
Gazania Ringens	Black Eyed Susan	0.4 metres
Impatiens Spp.	-	0.4 metres
Salvia Uliginosa	Bog Salvia	0.4 metres
Viola Spp.	-	0.4 metres

## Climbers

<i>Botanical name</i>	<i>Common name</i>	<i>Approx. height</i>
Bougainvillea Spp.	-	Variable
Clematis Spp.	-	Variable
Hardenbergia Violacea	Purple Coral Pea	Variable
Hibbertia Scandens	Snake Vine	Variable
Jasminum Grandiflorum	-	Variable
Jasminum Polyanthum	-	Variable
Jasminum Officinale	Common Jasmin	Variable
Kennedia Rubicunda	Dusky Coral Pea	Variable
Lonicera Japonica	Japanese Honeysuckle	Variable
Passiflora Spp.	Passion Flower	Variable
Vitis Coignetiae	Glory Vine	Variable



*"I find it staggering that out of over 500 tanks purchased from Ri-Industries I haven't received a single complaint. Their products are the best in South Australia."*

SA plumber



**Industries**

**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](http://www.ri-industries.com.au)**

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