

**WORLD FIRST**

**EVARAIN**  
CIRCULAR TANK GUTTER SYSTEM

## Filtered Tank Gutter System

- Catches water from your tank roof.
- Filter and flushing system protects your water quality.
- World First innovative design.



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Heritage Tanks Australia Pty Ltd ABN 93 101 088 582



## BENEFITS

- The EvaRain System protects your water supply by screening the water before it enters your tank via the gutter.
- It also incorporates a flushing system, to allow you to flush any accumulated dust, and leaves with the first rains and divert them to stormwater.
- The tank Gutter System can be optionally fitted onto your Heritage Water Tank when your new tank is installed.
- Your tank water quality can also be further protected by installing our Optional Tank Roof Seal which will prevent mosquitoes and or frogs from entering your tank. Another option is the Gutter Guard which will minimise leaves from entering your tank. These accessories will provide additional protection from debris getting into the tank via the gutter or under the roof corrugations.

## WATER COLLECTION

In developing the new improved Gutter System, Heritage Water Tanks consulted with a Hydrologist to model the catchment potential of the Water Collection System to ensure its effectiveness.

In a 500mm rainfall zone, you can save up to an extra 25,000L.  
(Based on a 110,000L rainwater tank)

With the Gutter System installed on your water tank, you can harvest almost all of the rainfall from the roof of your tank. This is in addition to water collected from other surface areas that are connected to your tank inflow pipes, such as your house or adjacent sheds etc.

### GUTTER CATCHMENT CHART (Litres harvested)

Litres	Tank Diameter	500mm/A	750mm/A	1000mm/A
285,000	12.55m	63,000	95,500	126,000
251,000	11.77m	55,000	82,500	110,000
220,000	10.99m	48,000	72,000	96,000
160,500	9.41m	35,000	52,500	70,000
135,000	8.63m	30,000	45,000	60,000
111,500	7.84m	25,000	37,500	50,000
90,500	7.06m	20,000	30,000	40,000
55,000	5.49m	12,000	18,000	24,000

## WATER TANK MAINTENANCE

For the EvaRain System to be effective, so that you can have the best possible quality of water supply in your rainwater tank, you must ensure that your tank is maintained correctly. You can do this by regularly clearing leaves and debris from your tank roof, leaf screens, filters, gutters and downpipes.

### EvaRain Maintenance

- **SPRING** - To reduce pollen accumulation, clean your Screen Filter Mesh regularly.
- **SUMMER** - In the event of any bushfires in your area, disengage your Screen Filter to prevent any soot or ash from entering your tank until after the tank is flushed or cleaned.
- **AUTUMN** - After opening rains or after cleaning your tank roof filter, you should engage your Screen Filter in the upwards position to allow clean water to enter your tank. You must also clean your Screen Filter Mesh regularly.
- **WINTER** - Check your tank roof and Screen Filter regularly to and clean away any accumulated debris or leaves.

### General Tank Maintenance

- Make sure your tank's access hatch is in good condition and is closed and locked.
- Flush the first rains from your house or shed roof each year and ensure that guttering and roof plumbing is self-draining, or fitted with drainage points.
- Maintain your leaf trap screen, as this will prevent debris from blocking the inflow into your tank.
- Never store items alongside your water tank or allow them to lean against it.

## HOW IT WORKS

The EvaRain Gutter System collects additional water from the roof of your tank and has the benefit of being able to flush the first rains via a specially designed inlet and filter system, a World First and unlike any other option available in the market.



Roof Gutter System

When the filter is in the 'Engaged' position with the filter facing upwards, water that falls on your tank roof can enter the tank via an inlet. The water is also screened by a 0.95mm stainless steel mesh to prevent mosquitoes and debris from entering your tank.



Filter in engaged position

To flush the tank roof and gutter prior to the first rains, unlock and pull the Filter Screen away from the tank inlet and turn 180°. Push the filter coupling back to engage with the tank and lock into place.



Remove from coupling to turn 180°

Any rain that falls on the tank roof when the Screen Filter is in the flush position will be diverted to stormwater and leaves and debris will be flushed away. After the tank roof has been sufficiently flushed, the screen should then be set back into the 'Engaged' mode.



Filter in flush position

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