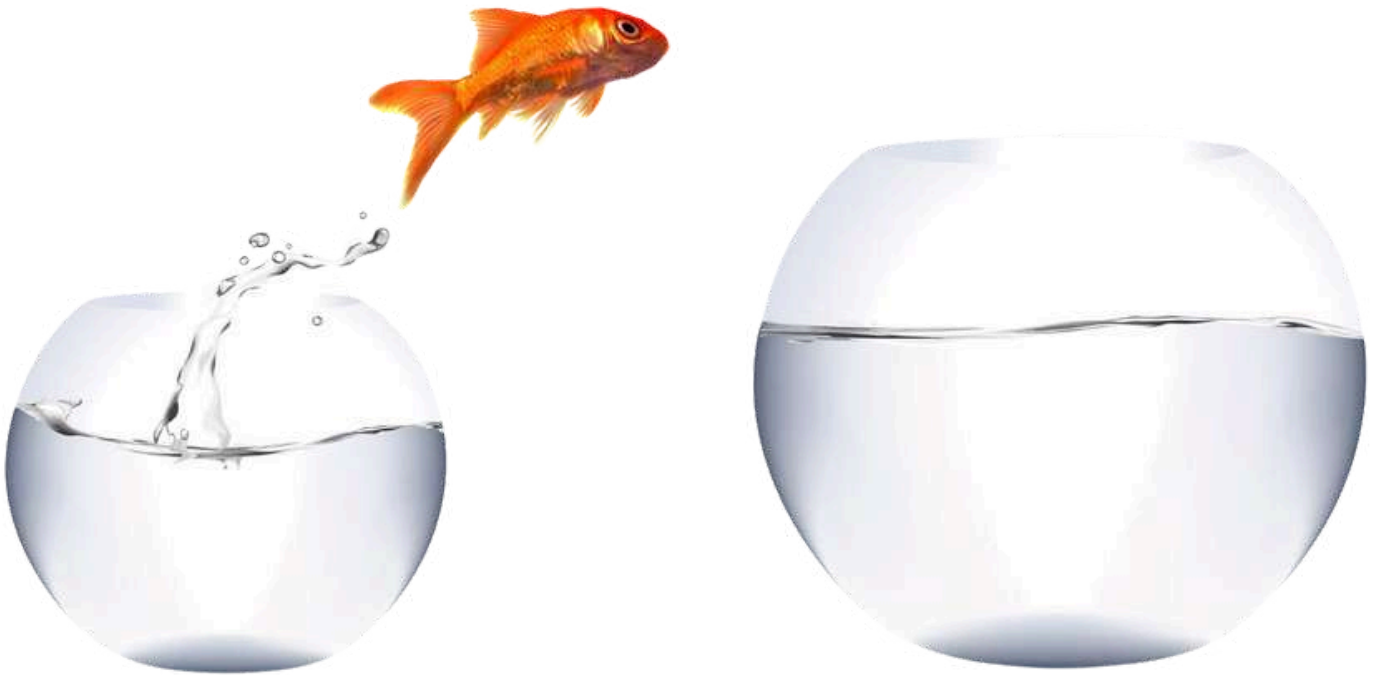




RAINWATER HARVESTING SYSTEMS



**1800 006 176**

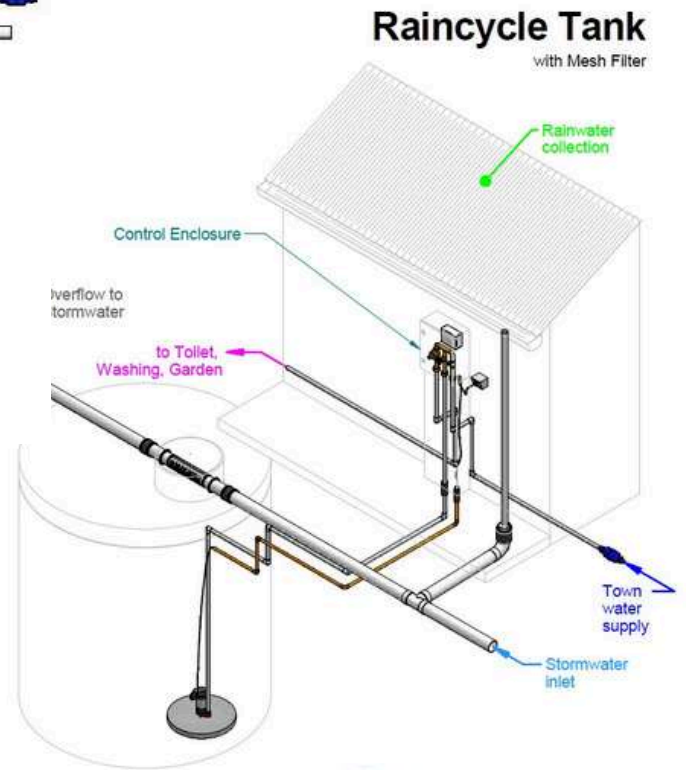
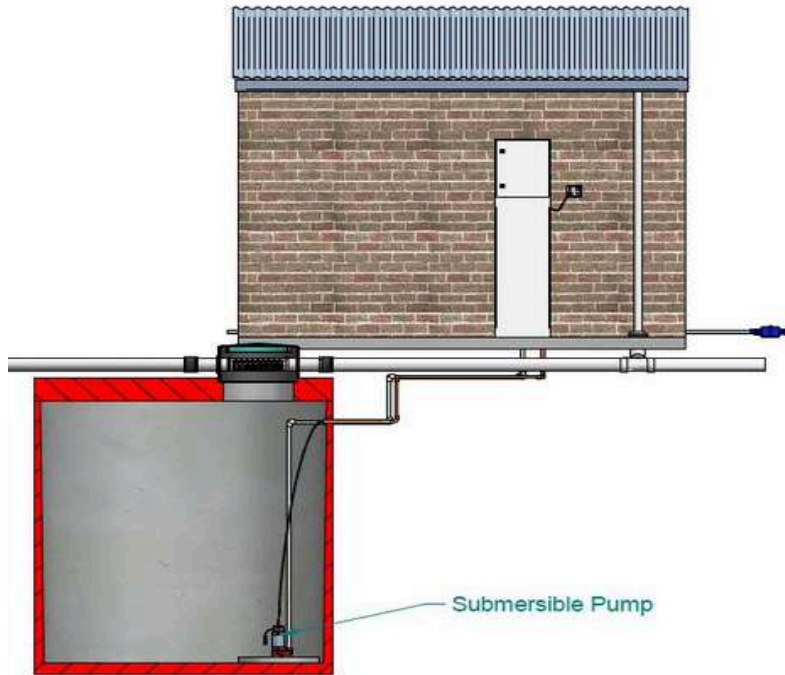
Head Office & Factory

65-67 Warradale Road Warragamba NSW 2752

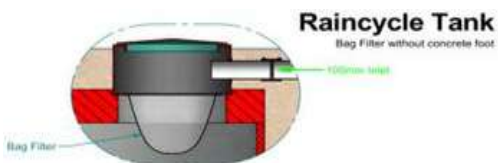
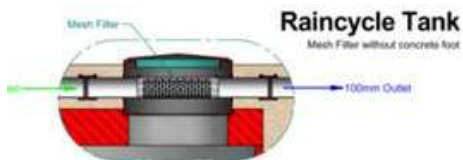
[service@econocycle.com.au](mailto:service@econocycle.com.au)

[www.raincycle.com.au](http://www.raincycle.com.au)

## Basic Outline of the Raincycle System



### Inlet Filtration Options



### First Flush Diverter Built In

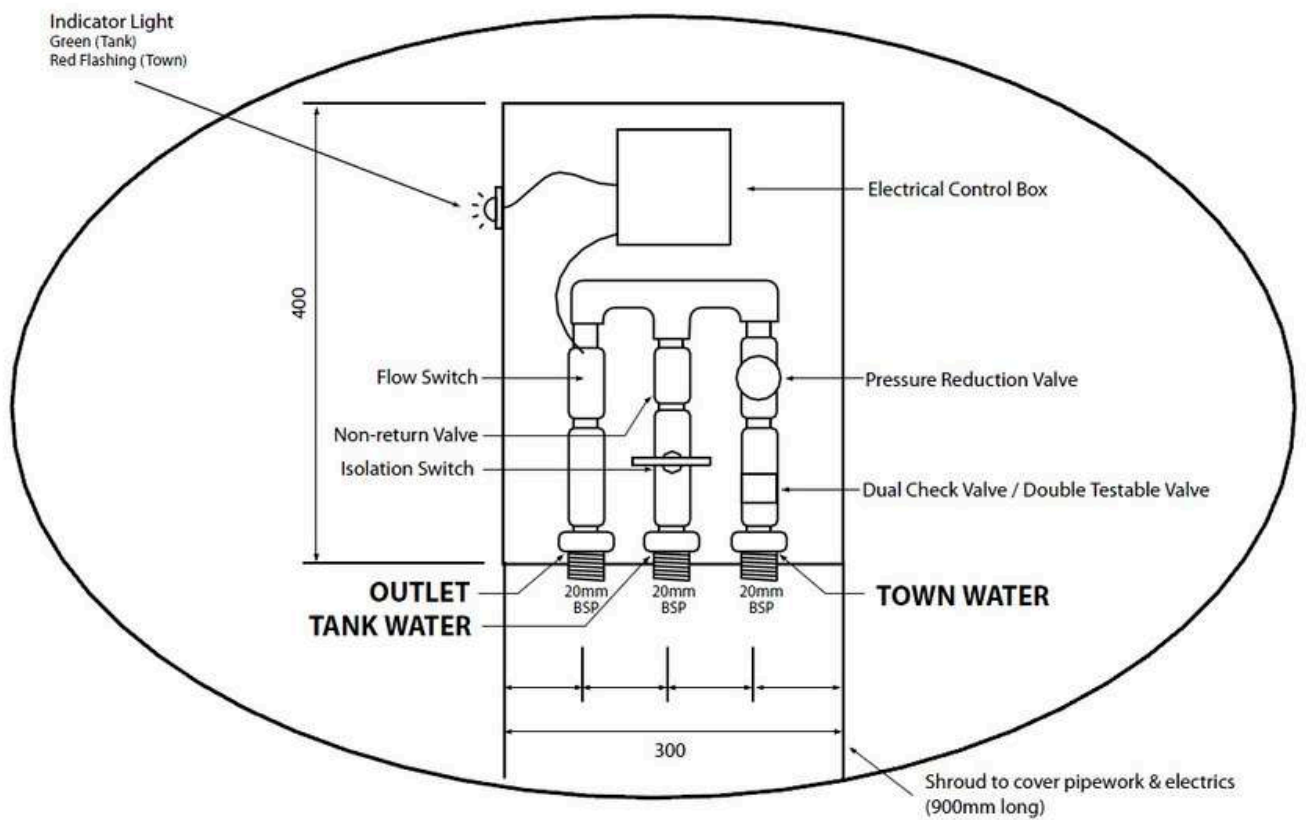


Includes filter bag for constant filtration and first flush diverter

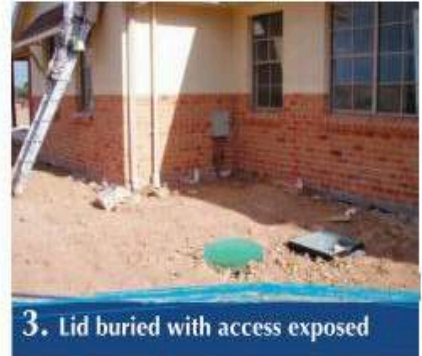


## **CONTROL SWITCH - AUTOMATIC CHANGEOVER**

*Automatically switches between rainwater and mains water*



## INSTALLATION PROCESS

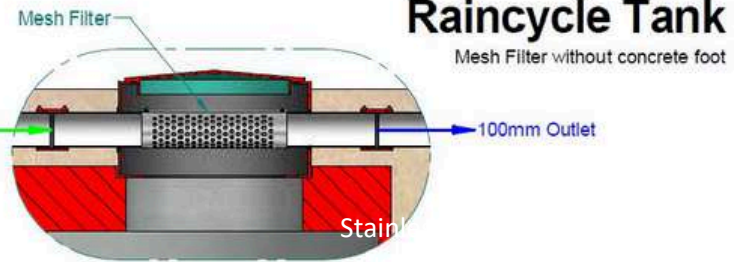


The installation process is as easy as it looks!



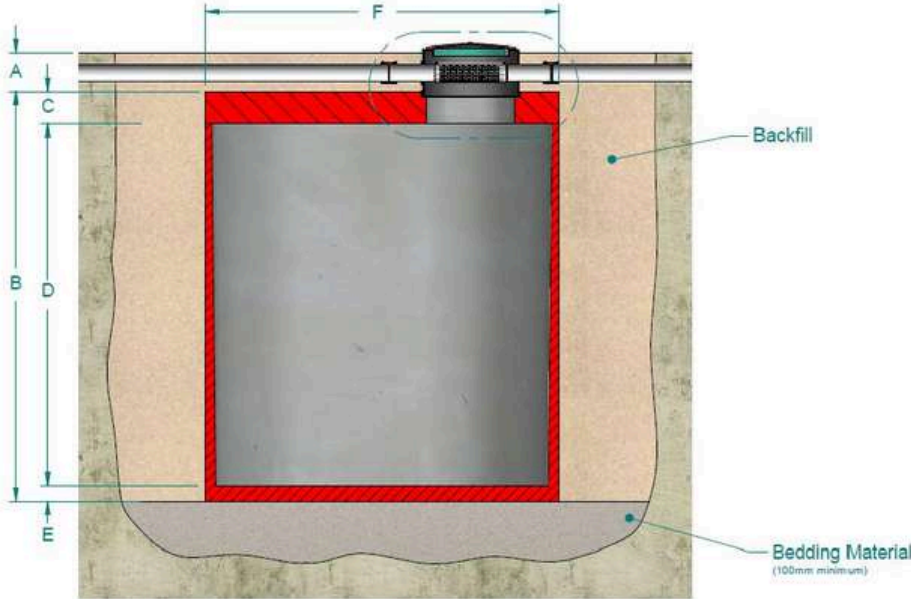


| Tank Size | A    | B    | C   | D    | E   | F    |
|-----------|------|------|-----|------|-----|------|
| 4000L     | ~200 | 1400 | 140 | 1200 | 60  | 2200 |
| 4100L     | ~200 | 1910 | 150 | 1660 | 100 | 1900 |
| 5250L     | ~200 | 1400 | 200 | 1130 | 70  | 2530 |
| 6100L     | ~200 | 1990 | 130 | 1790 | 70  | 2200 |
| 9100L     | ~200 | 2250 | 200 | 1980 | 70  | 2530 |
| 10500L    | ~200 | 2550 | 200 | 2250 | 100 | 2540 |



### Raincycle Tank

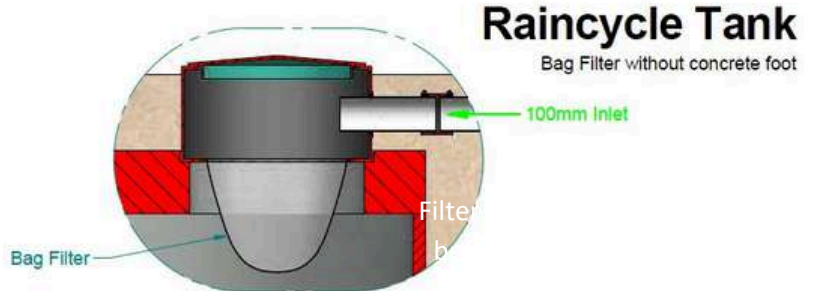
Mesh Filter without concrete foot



Tank manufactured in accordance with AS/NZS 1546.1:2008

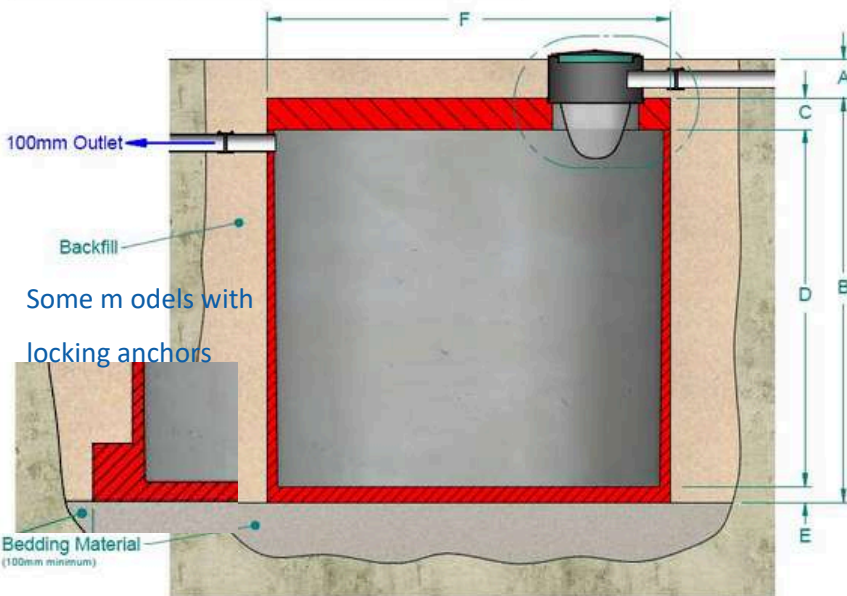


| Tank Size | A    | B    | C   | D    | E   | F    |
|-----------|------|------|-----|------|-----|------|
| 3800L     | ~200 | 1910 | 150 | 1660 | 100 | 1900 |
| 5000L     | ~200 | 1400 | 200 | 1130 | 70  | 2530 |
| 5050L     | ~200 | 1990 | 130 | 1790 | 70  | 2080 |
| 5500L     | ~200 | 2000 | 130 | 1795 | 75  | 2200 |
| 8500L     | ~200 | 2250 | 200 | 1980 | 70  | 2530 |
| 10000L    | ~200 | 2550 | 200 | 2250 | 100 | 2540 |



### Raincycle Tank

Bag Filter without concrete foot



Tank manufactured in accordance with AS/NZS 1546.1:2008

**NEW ! Squat Models also available for shallow excavations**



| Problem | Fault | Remedy |
|---------|-------|--------|
|---------|-------|--------|

|  |  |  |
|--|--|--|
| No Water   | Closed valves                                      | Open all control valves<br>Additional valves may be located under control box.<br>Control box door should not close properly with valves closed. |
|  | Blocked Filter                                     | Clean / replace cartridge  |
|  | Is plumbing connected                              | Connect services, call plumber   |
| <b>Note:</b> Your Raincycle "Auto Change Over" will not operate without town water supply connected. | Is the town water (Sydneywater) plumbing connected | Connect services, call plumber   |

|                    |            |                                       |
|--------------------|------------|---------------------------------------|
| Red Light Flashing | Tank empty | Wait for tank to fill with rain water |
|--------------------|------------|---------------------------------------|

|   |                                  |   |
|---|----------------------------------|---|
| Red Light Flashes after rain (indicates pump not operating) | Insufficient water level in tank | Check rain water drainage connections<br>Clean / replace filter bag |
|---|----------------------------------|---|

|                                      |  |                               |
|--------------------------------------|--|-------------------------------|
| Red Light Flashing when tank is full | Pump not pumping. Faulty pump with open circuit. | Replace pump (call Raincycle) |
|--------------------------------------|--|-------------------------------|

|   |   |   |
|---|---|---|
| Green Light on after toilet finished topping up after flush (no water being used) | Pump still running<br><br>Flow switch jammed "ON" | Check water is completely OFF<br><br>Clean or replace flow switch (call Raincycle)<br><br>(Flow switch usually jammed from incorrect positioning of 'Y' strainers causing debris to jam switch) |
|---|---|---|



| Problem | Fault | Remedy |
|---------|-------|--------|
|---------|-------|--------|

|  |   |   |
|--|---|---|
| Red Light on after toilet finished topping up after flush<br><br>(no water being used) | Still using town water<br><br>Flow switch jammed "ON" | Check water is completely OFF<br><br>Clean or replace flow switch (call Raincycle)<br><br>(Flow switch usually jammed from incorrect positioning of 'Y' strainers causing debris to jam switch) |
|--|---|---|

|                           |   |   |
|---------------------------|---|---|
| Water Flow with no lights | No power to unit                            | Plug in / turn power on                       |
|                           | Faulty Panel                                | Replace panel (Call Raincycle)                |
|                           | Faulty flow switch failing to turn pump on. | Clean or replace flow switch (call Raincycle) |

|                                     |                       |   |
|-------------------------------------|-----------------------|---|
| Low water pressure (green light on) | Poor pump performance | Clean pump impeller / replace pump (call Raincycle) |
|-------------------------------------|-----------------------|---|

|                                   |  |                                       |
|-----------------------------------|--|---------------------------------------|
| Low water pressure (red light on) | Tank empty. Control unit set on water saving mode. | Wait for tank to fill with rain water |
|-----------------------------------|--|---------------------------------------|

|  |   |   |
|--|---|---|
| Low Flow (green light on)<br><br><b>(check previous "Low Pressure" options)</b>  | Too many outlets in use<br>Blocked "Y" strainers / filter | Reduce flow rate<br>Clean / replace cartridge |
| <b>Note:</b> Irrigation systems will not perform adequately if too many sprinklers are fitted or when tank is below pump control level |   |   |

|                    |                          |  |
|--------------------|--------------------------|--|
| Tripping power off | Faulty pump / controller | Unplug controller and replace faulty item (call Raincycle) |
|--------------------|--------------------------|--|



| Problem | Fault | Remedy |
|---------|-------|--------|
|---------|-------|--------|

|  |   |   |
|--|---|---|
| <p>Dirty water</p> <p><b>Note:</b> Tanks are holding vessels and will hold whatever enters the tank!</p> | <p>Dirt / mud entering tank. i.e. broken pipework</p> | <p>Check plumbing connections to tank/s and entry points.</p> |
|--|---|---|

|                                  |   |   |
|----------------------------------|---|---|
| <p>Stormwater entering tanks</p> | <p>Lid too low</p>  | <p>Fit riser<br/>Change landscaping / avoid surface water around tank.<br/>Fit "O" ring seal to lid</p> |
|                                  | <p>Backflow. Stormwater entering tank/s through outlets</p> | <p>Check plumbing falls and re direct or fit reflux valves.</p>   |

|                                       |   |  |
|---------------------------------------|---|--|
| <p>Water coming out under manhole</p> | <p>Blocked / restricted flow through filter bag</p> | <p>Clean / change filter bag<br/>Increase outlet size / flow rate.</p> |
|                                       | <p>Intake greater than outlet</p>                   | <p>Add additional outlet.<br/>Check all on pipework.</p>               |

## Tank Servicing



- Inquire about our scheduled contract servicing for your water tank to maximize efficiency and savings.
- Regular servicing offers numerous benefits, with the primary goal being optimal water conservation.



# Warranty



## RAINWATER HARVESTING SYSTEMS

To certify that each and every RAINCYCLE water harvesting system is manufactured to strict guidelines and uses only quality components to ensure a product that is safe, reliable, effective and environmentally friendly.

**Tanks 15 years from date of purchase**

**Pump and Electrics 2 years from date of purchase**

Date of Purchase

Signed by

A handwritten signature in blue ink, appearing to read "Stuart Day", written over a white background.

**Stuart Day**  
**Managing Director**

Raincycle guarantees to repair or replace any part of the system requiring repair or replacement due to defective manufacture.

Such guarantee shall only apply to any defect of which notification is given within 24 months from the date of installation and under continuous service agreement with Raincycle or an authorised service agents.

Concrete tanks are covered by the manufacturers warranty of Fifteen (15) years.

**NOTE :**

- Unauthorized work carried out on the Raincycle system will void this warranty.
- Freestanding above ground tanks are not covered by this warranty

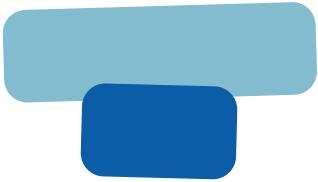


Australian Owned

Australian Made



Raincycle Tanks must be installed and operated in accordance with installation instructions.



**1800 006 176**

Head Office & Factory

65-67 Warradale Road Warragamba NSW 2752

[service@econocycle.com.au](mailto:service@econocycle.com.au)

[www.raincycle.com.au](http://www.raincycle.com.au)