All Rainmaster water recycling systems are pre assembled and tested at our factory prior to delivery on site as a complete package. All systems are delivered to site by a large crane truck. Our experience shows that 95% of all installations are accessible by our crane trucks. This simplifies the installation process.

Site Preparation:
Refer to the plans approved by the local council and determine the site for the system. Most Council's require RL'S on the plan to show the height of the manhole riser at ground level and the inlet and outlet heights. Please refer to our specification sheet that corresponds with the tank size shown on your plans to determine the correct width and depth of excavation. Add an additional 200mm (approximately) on the width of the excavation to allow for our lifting bar to lower our tank into the excavation. Carefully spread 100mm of sand at the base of the hole. Check this with a spirit level to ensure the base of the hole is absolutely level in all directions.

Plumber's Tasks:
It is essential that a licensed plumber and drainer are present to supervise the final orientation of the tank. The plumber is responsible for the connection of the inlet of the tank from the household drainage system and the overflow from the system. For correct operation it is critical that the inlet of the tank provides adequate fall from the house to the system and fall from the outlet to the street or the stormwater easement.

Each system has 1 x 100mm inlet and 2 x 100mm outlets and two lifting eyes installed in the tank. The two lifting eyes are capped off with a piece of 100mm pipe and glue on end cap. If only one of the overflow outlets is required the other can be capped the same way.

Once the system is placed into the excavation $1m^3$ of concrete is required to be placed around the tank for stability. Once this is complete backfill can commence immediately to the top of the manhole. (for safety reasons the installed system should have an adequate barricade so vehicles building materials are not placed on the tank) A danger sign will be supplied with every installation.

A 1" PVC connection is available for connection from the tank the control unit. The control unit has a 1" MI thread for connection from the tank. Rainmaster can install the control unit to the allocated place on the wall at the requested time or these can be delivered with the system for convenience for the plumber.

The pump will be installed upon request so all trades involved can carry out the relevant testing to ensure the system is working correctly. A control unit template showing the connection points will be supplied to all plumbers concerned.

> Note: All plumbing and Drainage is to comply with the relevant Australian Standards and backflow prevention for each municipality should be confirmed with the Local Council or the relevant Water Authority.

Electricians Task's
The electrical installation of the Rainmaster system should be carried out by a licensed electrical contractor.

The system requires a dedicated single phase circuit

which has the following colour codes:

Brown:	Capacitor
Black:	Active
Green/Gold:	Earth
Blue:	Neutral

- A float switch is also located inside the tank for mains water diversion supply. The float switch uses 2-core wire - Blue & Black. The third wire (Brown) is not used as the float switch is only designed to be used one way.

- The control unit is located inside a powder coated and weatherproof box which is mounted on the external dwelling wall. The control unit measures 400mm long x 300mm wide ad 300mm deep.

- The power leads for the pump and float switch are wired inside the tank via a junction box that we install. Please note that you only need to run the wiring to the inside of the tank - we will take care of the wiring for the pump and float switch internally

- You will need to supply your own materials to run the power from the control unit to the tank. Please allow an extra metre inside the tank - this makes our job wiring up the pump and float switch inside the tank much easier.

Final Inspection:
At the end of the project and Rainmaster is notified of a "walkthrough" date we inspect the system and check the performance of the system.