

# Install a Complete Rain Harvesting System



**blue mountain mesh**  
ADVANCED GUTTER PROTECTION

An innovative fire proof gutter mesh system that prevents leaves and debris blocking gutters.

**rain heads™**

Prevents leaves and debris from blocking downpipes and entering rainwater tanks.

**first flush™**  
DOWNPIPE WATER DIVERTER

Prevents contaminated water from entering rainwater tanks.

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# EMERALD

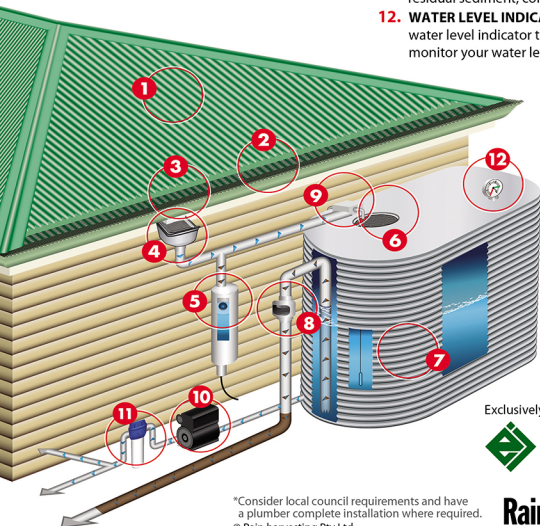
PVC PIPES . PVC FITTINGS . PVC DOORS

For product specifications or  
for more information  
phone 8361 6101 or  
sales@emeraldvinyl.com

**Rain**  **Harvesting™**  
[www.rainharvesting.com.au](http://www.rainharvesting.com.au)

# How to Create the Complete Rain Harvesting System

1. Check if **ROOF SURFACE** is suitable for collecting quality rainwater.
2. Install **GUTTER MESH** (such as Blue Mountain Mesh®) to prevent leaves and debris from blocking gutters.
3. Fit **GUTTER OUTLETS** from the underside of the gutter to prevent obstruction of water flow.
4. Fit Leaf Eater® or Leaf Beater® **RAIN HEADS** to downpipes to prevent blocking. Rain Heads deflect leaves and debris and keep mosquitoes out of pipes that hold water ('wet' systems).
5. Install **FIRST FLUSH DIVERTER/S** to help prevent the most contaminated rainwater from entering the tank.
6. Ensure a **TANK SCREEN** is installed at tank entry point to keep mosquitoes and pests out.
7. Choose a **WATER TANK**. Consider annual rainfall, roof catchment area and water usage when determining its size.
8. Attach **INSECT PROOF SCREENS** or **FLAP VALVES** to the end of all pipes to the tank screen to keep mosquitoes and pests out and ensure the tank is vented properly. Install an **AIR GAP** to **TANK OVERFLOW OUTLETS** to prevent stormwater backflow into your tank.
9. Utilise a **TANK TOP UP** system (if required) to automatically top up the tank with mains water when levels fall to a designated minimum level.
10. Select a **PUMP SYSTEM** (if required) to distribute water for use inside or outside the home.
11. **RAINWATER FILTER**. Fit a purpose designed rainwater filter after the pump to help reduce residual sediment, colour and odour.
12. **WATER LEVEL INDICATOR**. Install a Tank Gauge water level indicator to your rainwater tank to monitor your water level and usage.



- Improve Water Quality
- Reduce Tank Maintenance
- Increase Catchment Efficiency
- Protect Pumps and Household Appliances

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\*Consider local council requirements and have a plumber complete installation where required.  
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