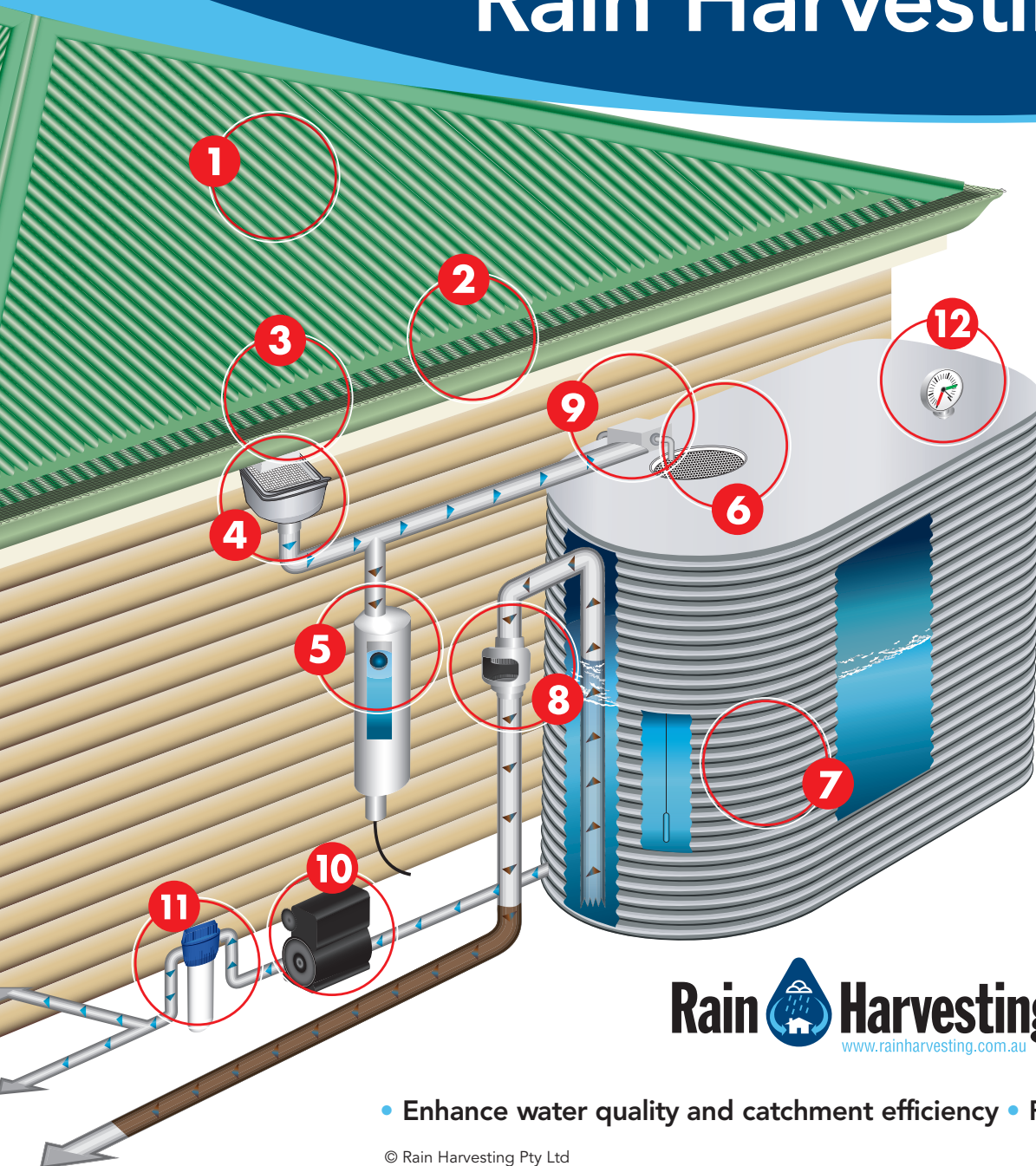


# How to Create the Complete Rain Harvesting System



1. Check **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.

**Rain Harvesting**  
www.rainharvesting.com.au

• Enhance water quality and catchment efficiency • Reduce tank maintenance • Protect pumps and household appliances



**Blue Mountain Mesh®** is an innovative **FIRE PROOF** gutter mesh system that prevents leaves and debris blocking gutters.

- Keeps leaves, debris and vermin out of gutters
- Avoids a major fire risk
- 12 year manufacturer's warranty
- Enhances rainwater quality
- Colour matches the COLORBOND® colour range
- DIY or authorised installation



COLORBOND® is a registered trademark of BlueScope Steel Limited.

**RAIN HARVESTING's** Rain Heads are ideal for fitting to each downpipe.

- Keeps leaves and debris out of downpipes and the rainwater system
- Improves tank water quality and reduces maintenance
- Ensures water entering your downpipes is mosquito and vermin proof
- High flow rate performance
- Improved catchment efficiency
- Complies with legislation for tank installation within Queensland Development Code (QDC MP4.2) and is required by many local governments

The Rain Heads range includes:



**Leaf Eater® Original**

- The original high performance Rain Head
- Two screen technology:
  - Self shedding 6mm aperture screen for large debris
  - A single mosquito proof stainless steel mesh screen with 0.955mm aperture is fitted with a secure "locking system"



**Leaf Eater Advanced™**

- A compact, versatile Rain Head for quick and easy DIY installations
- Patented single screen technology for advanced debris shedding (Clean Shield™)
- Pivot the outlet to suit vertical or horizontal (rear outlet) downpipes (VH Pivot™)



**Leaf Eater Ultra™**

- This Rain Head is a combination of a modern, sleek design and the latest Rain Head technology
- Integrated cover and cap to compliment both modern and classic architecture
- Uses the Leaf Slide and a precisely angled vibrating screen to deflect debris off the screen, for high flow rate performance. (Hydro Activated Filtration™ technology)
- Pivot the outlet to suit vertical or horizontal (rear outlet) downpipes (VH Pivot™)



**First Flush Water Diverter** prevents the first flush of water from entering the tank, then seals off the first flush chamber and diverts the water flow to the tank.

- Improves water quality by reducing pollutants
- Essential to protect pumps and internal appliances
- Reduces tank maintenance
- Empties itself of contaminated water and resets automatically
- Required by many local governments



**Mozzie Stoppa™ Screens and Hi-Flow Flap Valves** can be fitted to the end of all pipes that lead to the tank and all tank overflow outlets. They keep pests and mozzies out of the tank whilst allowing the tank water to breathe.

Mozzie Stoppa™ Screens incorporate a 0.955mm stainless steel screen moulded into a 90mm or 100mm male and female PVC fitting and provide a versatile solution to insect proof the tank.

Mozzie Stoppa™ Hi-Flow Flap Valves have a double seal, are self-cleaning, and have flaps that cannot be over-rotated and left open. Vented Flap Valves allow a flow of air over the surface of the water which improves water quality



The **Air Gap** prevents stormwater backflow from entering a rainwater tank, by creating a physical air break on the outlet of the tank overflow and before the stormwater drainage system. The Air Gap also acts as a visual inspection point to detect trickle top-up system failure.

- Removable mosquito screens for easy maintenance
- HB230 requirement
- Fits 90mm stormwater pipes
- Easy to install



The **Tank Gauge** is a rainwater tank level indicator which ensures you are able to tell how much water is in your tank at a glance.

- Quick and easy to install
- Utilises a reliable float system
- Easy to read dial with 'Empty' and 'Full' Indicators
- Low maintenance requirements



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

Available from:

**AQUA-SUN**

**082 338 9748**

**012 348 0136**

[www.recycle-waste-water.co.za](http://www.recycle-waste-water.co.za)

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# How to create the complete Rain Harvesting System

- 12 Steps to Rain Harvesting
- Choosing the complete system
- Products that enhance water quality