

leaf eaterTM RAIN HEAD

Product: Leaf Eater[®] Rain Head

Code: RHLE01 – 80/90mm

Prevents leaves and debris from blocking downpipes and entering your rainwater tank.



Product Description

Keeps your Rain Harvesting system free of mosquitoes, vermin and debris.

The Leaf Eater[®] is the ultimate high performance rain head. Not only does it protect the home by preventing gutters from blocking and flooding eaves, the Leaf Eater[®] also improves water quality and reduces tank maintenance. The Leaf Eater[®] is ideal for use purely as a debris removing device even when rainwater is not being collected. The Leaf Eater[®] incorporates a flow directional gutter outlet which directs the flow of water from the gutter onto the face of the primary screen.

Features and Benefits

- Prevents debris entering the tank which improves tank water quality and reduces maintenance
- Prevents blocked downpipes which stops backflow of water into gutters and eaves
- Optimum catchment efficiency with a flow rate of 3.5lps exceeding regulatory requirements
- Can be mid-mounted on a wall at a convenient height making them easy to access for cleaning
- Easy to paint
- Minimal maintenance
- Includes 170mm x 75mm PVC gutter outlet
- Includes two stainless steel screens:
 - 6mm aperture for removal of leaves and debris
 - 0.955mm aperture preventing mosquitoes and vermin from entering the pipe system and rainwater tank

Compliance & Guidelines

- AS/NZS 4020:2005 – Testing of products for use in contact with drinking water
- Queensland Development Code MP 4.2
 - Water Saving Targets
- AS/NZS 3500.3:2003 Plumbing and Drainage
 - Stormwater Drainage
 - Flow Rate – 3.5 litres/second
- enHealth Council
 - Guidance on the Use of Rainwater Tanks
 - Preventing Mosquitoes Breeding
- HB230:2008 Rainwater Tank Design and Installation Handbook
- Queensland Health Regulations 1996 (Part 8 – Mosquito Prevention)

Installation

AT GUTTER INSTALLATION

1. Remove the existing Gutter Outlet from the roof guttering system.
2. Hold the new Gutter Outlet against the fascia and against the bottom and rear of the gutter where the new outlet hole is to be. Use the Gutter Outlet as a template, draw around the inside of the outlet to mark the underside of the gutter for the new hole and cut out with tin snips. Refit the Gutter Outlet to the main body and place a small amount of sealant in the sealant groove.
3. Mount the main body of the Leaf Eater® evenly under the Gutter Outlet by securing it to the fascia with pop rivets or screws, making sure the backing plate fits snugly up to the bottom edge of the gutter but NOT between the fascia and back edge of the gutter.
4. Place the Mozzie Screen in the main body over the Leaf Eater® outlet ensuring that the screen clips into place. Replace the primary screen, making sure the screen fits INSIDE the front lip of the Leaf Eater® and secure in place with the clips provided. The Leaf Eater® is now ready for connection to the downpipe. Use a standard 90-100mm adaptor to fit 100mm downpipes. DO NOT glue the Leaf Eater® to the downpipe. SECURE with a screw for easy removal.

MID-MOUNT INSTALLATION

To improve access for cleaning, Leaf Eater® Rain Heads can be mounted on a wall at a convenient height. When 'pushing water' over long runs and depending on the volume of water required to be moved, the Rain Head may need to be mid-mounted more than 1.2m above the discharge point.

It is important to note that when mid-mounting, the flow directional benefits of the rectangular gutter outlet supplied with the Leaf Eater® will be lost. However this is to be balanced with the benefits gained from easier access for maintenance.

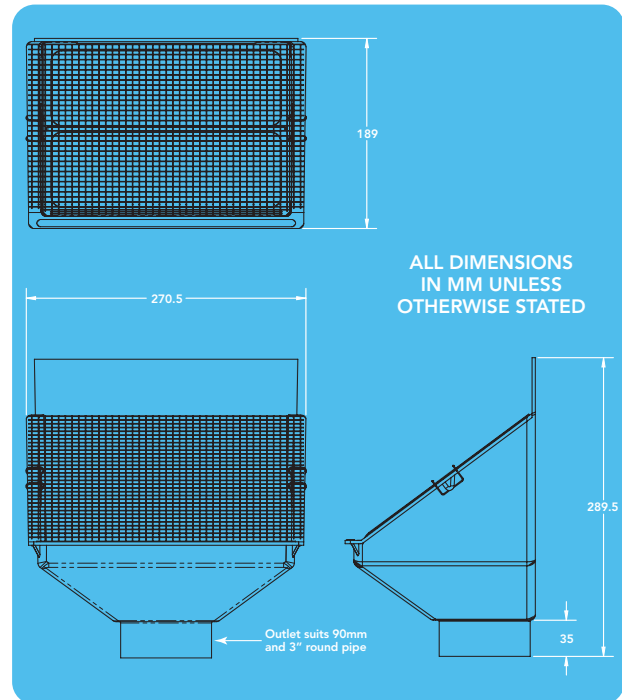
For mid-mounting, discard the top flow-directional gutter outlet. Cut the entry downpipe at 45° allowing 50mm clearance between the pipe and the primary screen. This ensures the end of the pipe is parallel to the screen and helps direct the water onto the face of the screen most effectively.

Painting your Leaf Eater®

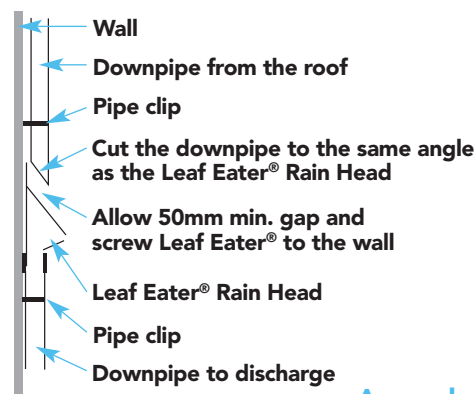
The main body of the Leaf Eater® is made from lead-free PVC and can be painted to complement the building. For best results wash down with methylated/white spirit and then paint.

IMPORTANT:

When mounting this unit, make sure that it is mounted 1.2m minimum above the discharge point when pushing water underground and then up into a tank. Long runs may require more than a 1.2m head depending on the pipe length and size of the pipe and the volume required to be moved.



Wall or 'Mid' Mounting



A coupler is needed when fitting directly into 90mm pipe

Maintenance

The primary screen of the Leaf Eater® is mostly self-cleaning, but from time to time, leaves may become jammed. Check the Mozzie Screen periodically to ensure it is clear, and hose or brush off if necessary.