

## leaf eater™ RAIN HEAD



**Product:** Leaf Eater Rain Head

**Code:** RHLE99 – 3"

Prevents leaves and debris from blocking downspouts and entering your rainwater tank/cistern.

### 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/cistern 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/cistern water quality and reduces maintenance
- Prevents blocked downspouts which stops the backflow of water into gutters and eaves
- Optimum catchment efficiency with a flow rate of 0.91 US gallons per second
- Can be mid-mounted on a wall at a convenient height making them easy to access for cleaning
- Easy to paint
- Minimal maintenance
- Includes a flow directional rectangular PVC gutter outlet.
- Includes two stainless steel screens:
  - 1/4" aperture for removal of leaves and debris
  - 1/32" aperture preventing mosquitoes and vermin from entering the pipe system and rainwater tank/cistern

## 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 downspout. Use a standard coupling to fit 3" Schedule 40 PVC downspouts. DO NOT glue the Leaf Eater to the downspout. SECURE with a screw for easy replacement.

### 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 4 feet 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.

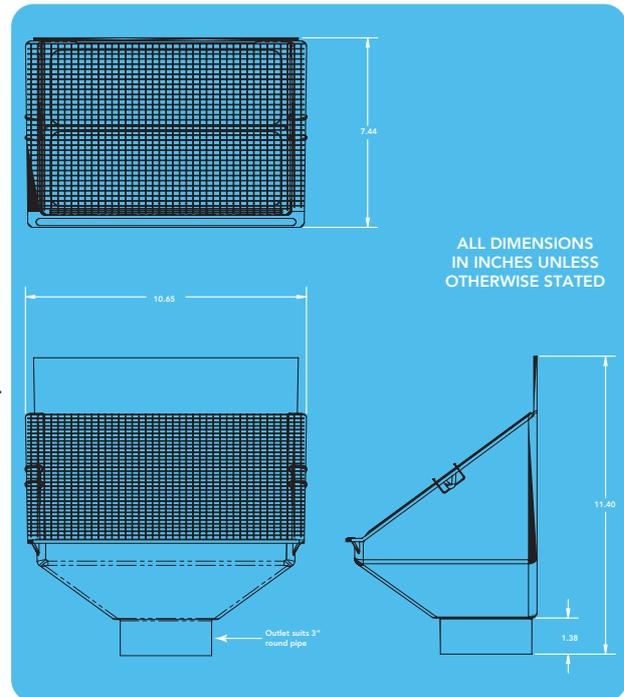
For mid-mounting, discard the top flow-directional gutter outlet. Cut the entry downspout at 45° allowing 2" clearance between the pipe and the primary screen. This ensures the end of the pipe is parallel to the screen and helps direct the water onto the face of the screen most effectively.

#### Painting your Leaf Eater

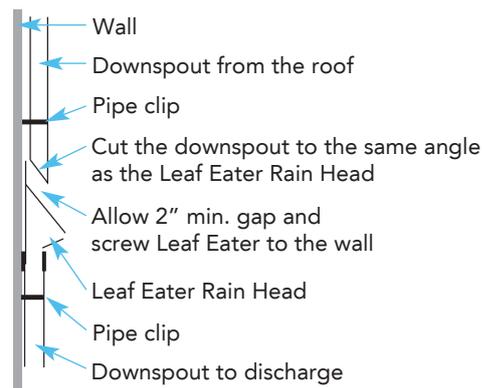
The main body of the Leaf Eater is made from lead-free PVC and can be painted to complement the building. For best results wash down with methylated/white spirit and then paint.

#### IMPORTANT:

When mounting this unit, make sure that it is mounted 4 feet minimum above the discharge point when pushing water underground and then up into a tank. Long runs may require more than a 4 feet head depending on the pipe length and size of the pipe and the volume required to be moved.



### Wall or 'Mid' Mounting



A coupling is needed when fitting directly into 3" Schedule 40 PVC pipe

## Maintenance

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

DISCLAIMER This product specification is not a complete guide to product usage. Further information is available from Rain Harvesting Pty Ltd and from the Installation and Operating Instructions. This specification sheet must be read in conjunction with the Installation and Operating Instructions and all applicable statutory requirement. Product specifications may change without notice. © Rain Harvesting Pty Ltd.