

RAIN HARVESTING  
by Blue Mountain Co

Leaf Eater® Stream  
Shield



Installation and Specification Guide

PRODUCT DETAILS

Prevent leaves and debris entering your downpipes and reduce maintenance with this sleek, leaf shedding rain head.

The open-faced design incorporates a splash shield which reduces water or debris bouncing off the screen onto any areas below. The open design allows easily visibility of the mesh for simple maintenance.

Code	Size	Country
RHSTR03	90mm	Australia / India
RHSTR103	3"	USA
RHSTR113	4"	USA

Code	Size	Country
RHSTR203	65/80mm	New Zealand
RHSTR303	80mm	South Africa
RHSTR503	68mm	UK
RHSTR603	75/90mm	EU
RHSTR13	100mm	Australia, New Zealand & South Africa
RHSTR13	110mm	India & UK
RHSTR13	110/105mm	EU

# Installation

---

## WHAT'S IN THE BOX?

- Leaf Eater® Stream Shield cover
- Leaf Eater® Stream body
- Leaf Eater® Stream screen

---

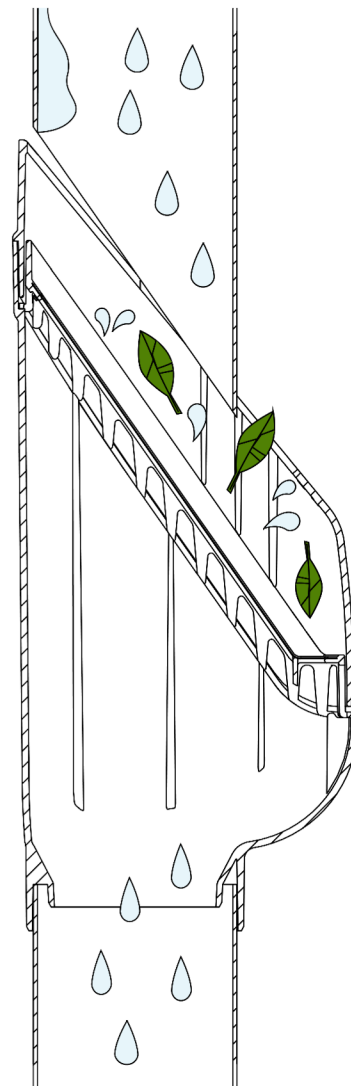
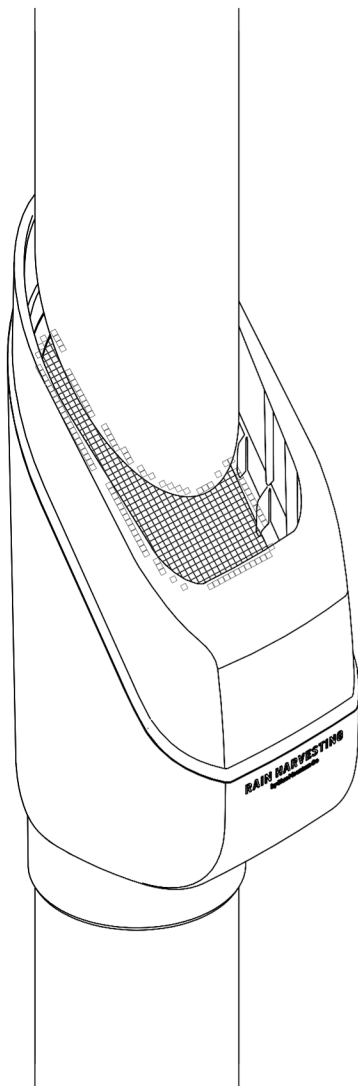
## TOOLS/MATERIALS YOU MAY REQUIRE

- Tape measure
- Marker pen
- Saw

---

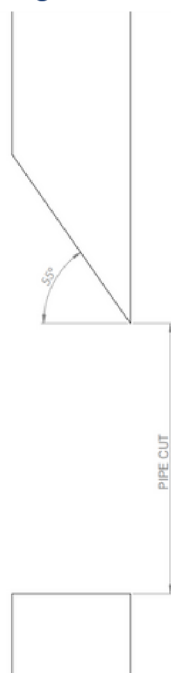
## HOW IT WORKS

The Shield reduces splashing from the rain head to increase the volume of rainwater you capture. Keep leaves out of your rainwater system with the mosquito proof screen.

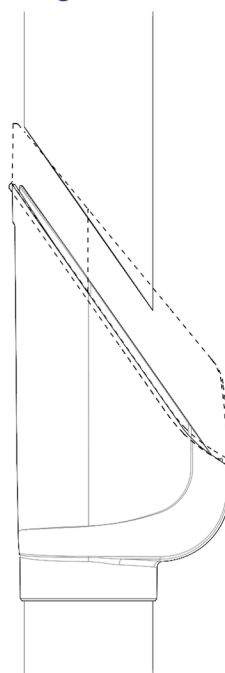


## INSTALLATION

**Figure 1**



**Figure 2**



1 - Locate the position at which you want to install your Leaf Eater® Stream rain head. This may be directly under your gutter/eave or mid-way down your vertical downpipes. Wherever you choose to install it, your Leaf Eater® Stream rain head must be a minimum of 500mm above your tank inlet and tank overflow pipe.

2 - Cut your downpipe where you want the bottom outlet of the Leaf Eater® Stream rain head to sit. Make the second cut like shown above (Figure 1). See the table below for cut dimensions. Ideally, the pipe should be offset 30-50mm above the screen to give you the best performance. Ensure all cut edges are clean and smooth.

Country	Code	Pipe Size	Pipe Cut Dimensions
Australia/India	RHSTR03	90mm	206
USA	RHSTR103	3" SCH40	8.11"
		3" SDR35	8.11"
	RHSTR113	4" SCH40	9.72"
		4" SDR35	9.02"
New Zealand	RHSTR203	65mm	264
		80mm	239
South Africa	RHSTR303	80mm	239
UK	RHSTR503	68mm	264

All dimensions are in mm unless otherwise stated.

## INSTALLATION

Country	Code	Pipe Size	Pipe Cut Dimensions
EU	RHSTR603	75mm	255
		90mm	206
Australia, New Zealand and South Africa	RHSTR13	100mm	226
India & UK	RHSTR13	110mm	226
EU	RHSTR13	110/105 mm	226

3 - An adaptor may be required for your outlet downpipe, please see the table below for instructions.

Country	Code	Pipe Size	Outlet Adaptor	Instructions
Australia/India	RHSTR03	90mm	No Adaptor Required	N/A
USA	RHSTR103	3" SDR35	No Adaptor Required	N/A
		3" SCH40	No Adaptor Required	N/A
	RHSTR113	4" SDR35	No Adaptor Required	N/A
		4" SCH40	Use 4" SCH40 Adaptor K0901	Glue 4" SCH40 Adaptor to Downpipe (Do not glue to Total Rain)
New Zealand	RHSTR203	65mm	65mm Socket Adaptor K0920	Glue the 65mm Adaptor onto the outlet pipe. Position the flat side of the adaptor against the wall so it does not push your downpipe out.
		80mm	80mm Socket Adaptor K0905	Glue Adaptor to downpipe (do not glue to rain head)
South Africa	RHSTR303	80mm	80mm Socket Adaptor K0907	Glue Adaptor to downpipe (do not glue to rain head)
UK	RHSTR503	68mm	65mm Socket Adaptor K0920	Glue the 65mm Adaptor onto the outlet pipe. Position the flat side of the adaptor against the wall so it does not push your downpipe out.

---

## INSTALLATION

---

Country	Code	Pipe Size	Outlet Adaptor	Instructions
EU	RHSTR603	75mm	Use 75mm Adaptor K1300	Glue Adaptor to downpipe (Do not glue to Total Rain)
		90mm	No Adaptor Required	N/A
Australia, New Zealand and South Africa	RHSTR13	100mm	No Adaptor Required	N/A
India & UK	RHSTR13	110mm	No Adaptor Required	N/A
EU	RHSTR13	110/105 mm	No Adaptor Required	N/A

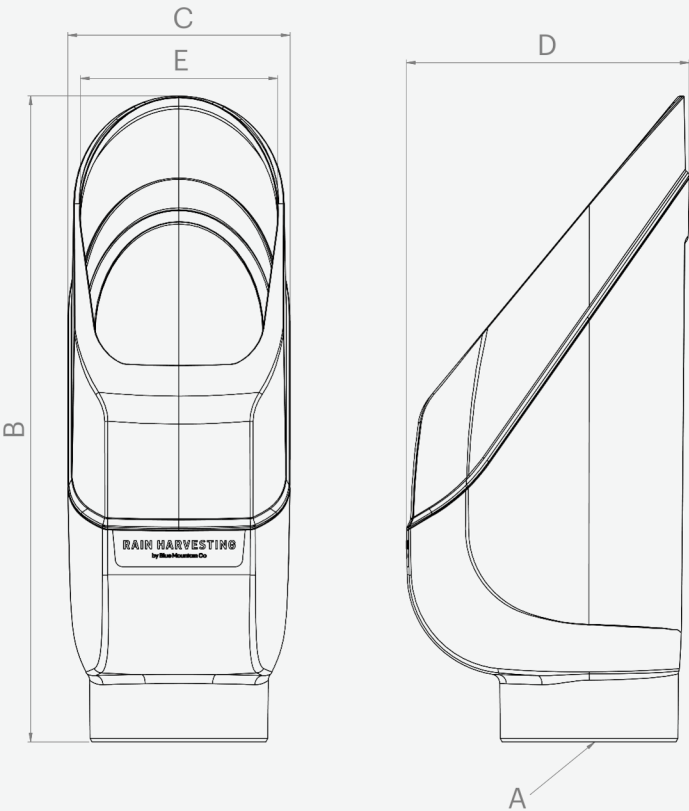
4 - Lower the Leaf Eater® Stream onto the pipe (Figure 2). For added stability, fasten it to the wall with a screw through the rear face of the body.

5 - Install the Shield cover onto the Leaf Eater® Stream body by sliding it up the top pipe and lowering it into position so the bottom skirt sits in the corresponding channel between the screen and body.

6 - If desired, you can paint your rain head to match your downpipes and/or building.

# Product Specifications

## Leaf Eater® Stream Shield



Country	Code	A	B	C	D	E
Australia / India	RHSTR03	90 F	350	120	153	107
USA	RHSTR103	3" SCH40 F / SDR35 F	13.77"	4.73"	6.02"	4.20"
	RHSTR113	4" SCH40 F	16.6"	5.7"	7.3"	5.2"
		4" SDR35 F	15.7"	5.7"	7.3"	5.2"
New Zealand	RHSTR203	65 F	380	120	153	107
		80 F	375	120	153	107
South Africa	RHSTR303	80 F	375	120	153	107
UK	RHSTR503	68 F	380	120	153	107

All dimensions are in mm unless otherwise stated.

Fitting guide:

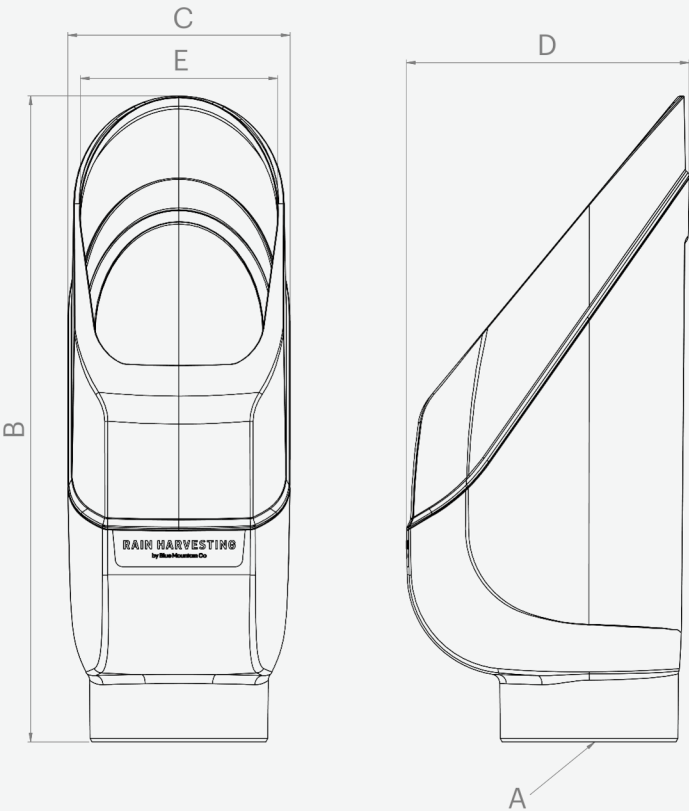
F = Female / Socket Fitting

M = Male / Spigot Fitting (Pipe size)

IP = In-Pipe Fitting

# Product Specifications

## Leaf Eater® Stream Shield



Country	Code	A	B	C	D	E
EU	RHSTR603	75 F	381	120	153	107
		90 F	350	120	153	107
Australia, New Zealand and South Africa	RHSTR13	100 F	398	146	186	132
India & UK	RHSTR13	110 F	398	146	186	132
EU	RHSTR13	110 F / 105 F	398	146	186	132

All dimensions are in mm unless otherwise stated.

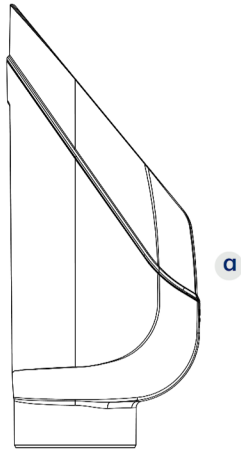
Fitting guide:  
F = Female / Socket Fitting  
M = Male / Spigot Fitting (Pipe size)  
IP = In-Pipe Fitting

---

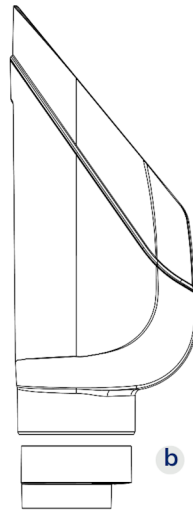
## SUGGESTED INSTALLATION ORIENTATIONS

---

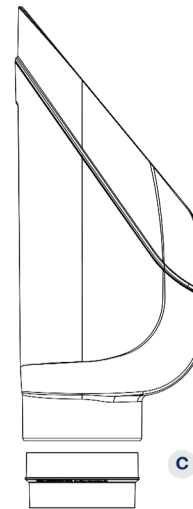
90mm, 100mm,  
3" SCH40, 3" SDR35,  
4" SDR35  
Downpipe



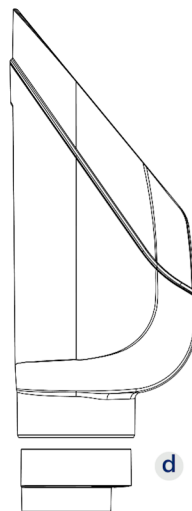
65mm  
Downpipe



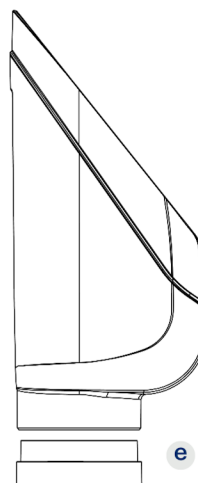
80mm  
Downpipe



75mm  
Downpipe



4" SCH40  
Downpipe



- a. Leaf Eater® Stream Shield
- b. 90mm to 65mm Socket Adaptor
- c. 90mm to 80mm Socket Adaptor

- d. 90mm to 75mm Socket Adaptor
- e. 100mm to 4" SCH40 Socket Adaptor



# Maintenance

Occasionally your Leaf Eater® Stream might require some maintenance.

Simply remove the cover to access the screen and brush off the screen, or remove the screen entirely for easier cleaning.

After cleaning, replace the screen into the body, making sure the it is evenly seated.

Replace your Shield Cover by sliding it up your inlet pipe and lowering into position so that the lower skirt sits in the gap between the screen and the body.



A common misconception about collecting rainwater is that all you need is a roof, a tank and some rain. This 'tanking' approach cannot always be relied on to deliver the volume – or quality – of water that you require. That is where we can help.

With some thought, your rain harvesting system can provide you with cleaner water and lots of it. Whether you're completely reliant on tank water or wanting to keep the garden green, our simple steps will help you achieve your goal.

The Rain Harvesting approach to rainwater collection involves using tested and proven products to make quality rainwater available for use in and around your property. You don't need much to get started and you will be surprised how easy it is to get the most out of your rainwater system.

[How can we help you?](#)

**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

# **RAIN HARVESTING**

by Blue Mountain Co

For more information or to find out  
how we can help, just give us a call on

**+61 7 3248 9600**

Or visit our website at

**[rainharvesting.com](http://rainharvesting.com)**