

MAINTENANCE

It is important to periodically unscrew the Carrot Diverter Chamber and check the unit is functioning properly. Check that the outlet grommet has not become blocked. Also check that the spring is functioning correctly and all the internal seals are seated properly.

To clean your Leaf Eater Stream Original, simply slide the cover up your inlet pipe to access the mesh screen. You can either keep the screen in place and brush off the debris, or remove the screen entirely to clean it more thoroughly.

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

Replace your Original cover by lowering it into position so that the lower skirt sits in the gap between the screen and the body.

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.

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Total Rain



Installation and Specification Guide

PRODUCT DETAILS

The all-in-one rain head and first flush diverter ensures you capture the best quality water.

AU	DDTR10	90mm
US	DDTR110	3"
NZ	DDTR210	80mm
SA	DDTR310	80mm
IN	DDTR410	90mm
UK	DDTR510	68mm

FEATURES AND BENEFITS

- The angled stainless steel mesh screen of the rain head sheds debris while capturing the maximum amount of rainwater.
- The clever Carrot First Flush diverter does not require the installation of storage chamber as it automatically diverts just the right amount of contaminated water.
- Adjustable settings so you can choose how much water you divert.
- Diverts water containing particles of organic and inorganic matter.

Installation

WHAT'S IN THE BOX?

- Leaf Eater Stream rain head
- 90mm Tee
- Carrot First Flush Diverter Chamber
- Carrot Upper Collar with O ring
- Carrot Lower Coupling
- Pipe Wall Brackets x 2
- Adaptors (DDTR110, DDTR210, DDTR310 & DDTR510 versions)

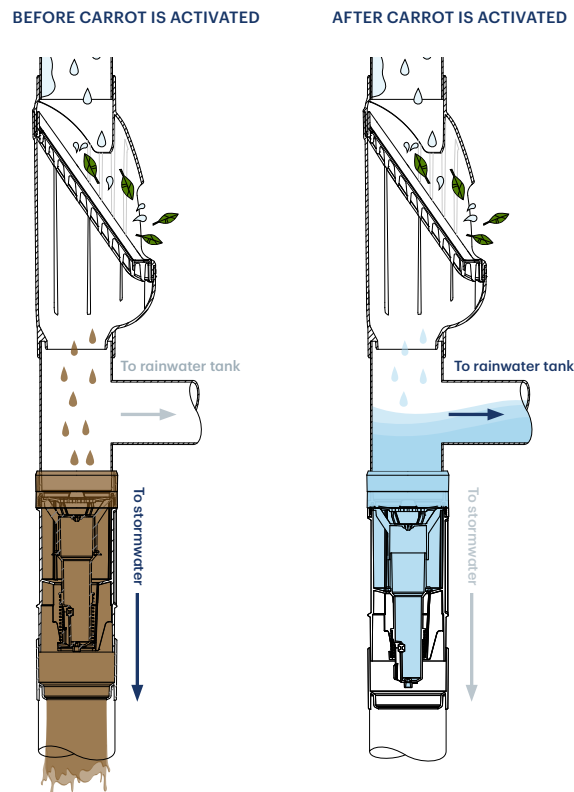
TOOLS/MATERIALS YOU MAY REQUIRE

- Tape measure
- Marker pen
- Saw
- Solvent weld glue
- Screws
- Drill or screwdriver

HOW IT WORKS

The Total Rain is an all-in-one solution which combines the sleek design of the Leaf Eater Stream rain head with the Carrot First Flush diverter.

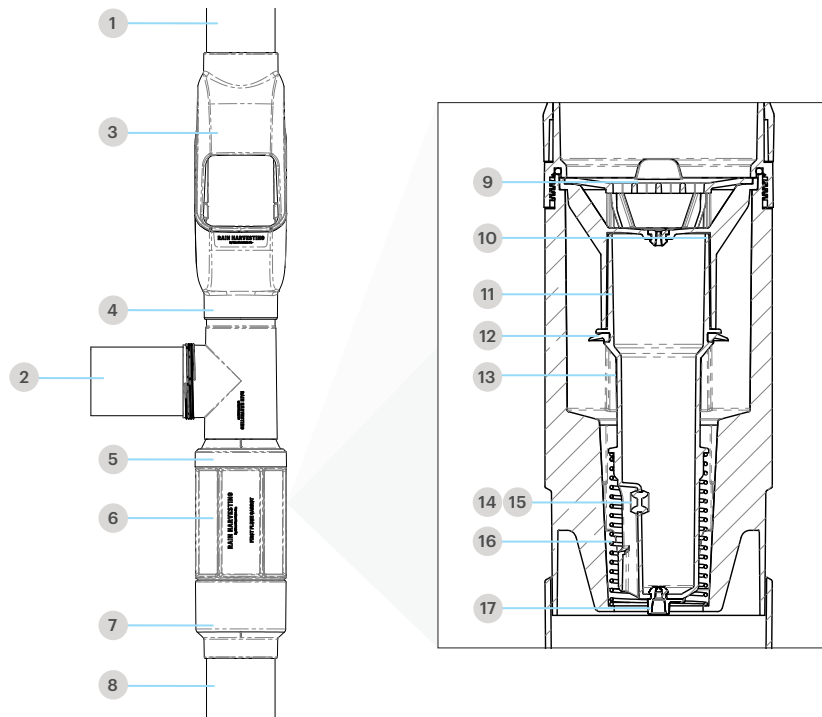
The rain head filters leaves and debris while the first flush diverter diverts the most contaminated water from your roof away from your rainwater tank.



TOTAL RAIN 90MM

1. Determine the installation position for your Total Rain. This may be directly under your gutter/ eave or mid-way down your vertical downpipes. Wherever you choose to install it, your Total Rain screen must be a minimum of 500mm above your tank inlet and tank overflow pipe. Note that you should install your Total Rain in a location where you can access it easily for occasional maintenance.
2. Select the orientation of the tee appropriate for your chosen installation point. The small end of the tee is designed to fit into the bottom of the rain head.
3. Measure your existing downpipe and cut to create space for the Total Rain. Ensure all cut edges are clean and smooth. Install your Carrot First Flush in place, first by sliding the Carrot Lower Coupling over your bottom section of downpipe, then installing the Carrot chamber into the Carrot Lower Coupling. Note that your carrot will come pre-assembled out of the box with Filling grommet A installed on the Carrot Filler Frame and Draining grommet 2 installed on the Carrot. The Wick blanking grommet will be installed as standard. This default setup is a good starting off point to reliably divert an average amount of water with a longer reset time.
4. Apply solvent weld glue to the Carrot Upper Collar and the lower socket of your tee and insert it firmly in place. Make sure that the line on the top face of the Upper Collar is pointing away from the wall so that there is enough room to install and remove the Carrot Diverter Chamber.
5. Make sure the O-ring is fully seated in the groove on the underside of the Upper Collar and screw the Carrot Diverter Chamber into position.
6. Remove the cover from your Leaf Eater Stream and slide it up the top pipe, holding it in position.
7. With the other hand, fit the Leaf Eater Stream body onto the small end of the tee, ensuring the outlet is seated firmly into position.
8. Slide the cover back down the top pipe and lower the bottom skirt into the corresponding channel between the screen and body.
9. Attach to the wall using the supplied brackets, supporting the unit until it is fully secured. The upper bracket should sit directly under the tee where it will hold the weight of the unit.
10. Install the remaining pipework from the tee to your rainwater tank.
11. We recommend that for the first rainfall event you keep the default Filling and Draining grommets installed (Filling grommet A and Draining grommet 2). Once you have assessed the performance of the Carrot in your rainwater harvesting system, adjust the grommets to suit. Refer to the table in this guide for more information.

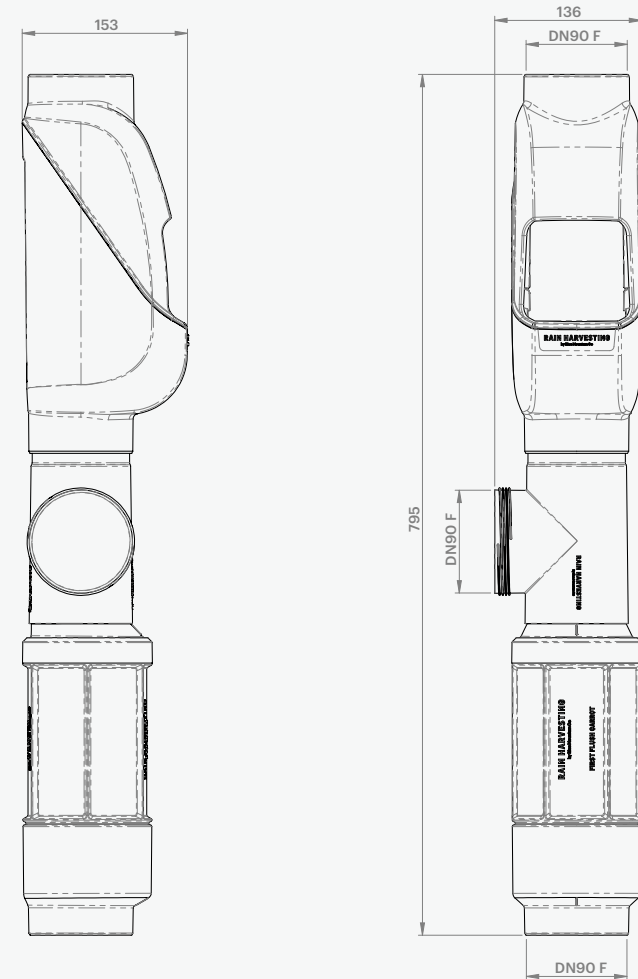
PART REFERENCE CHART



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|--|-------------------------------|
| 1 In-feed from the roof | 11 Carrot Filler Frame |
| 2 To the tank | 12 Carrot Seal |
| 3 Leaf Eater Stream Original rain head | 13 Carrot |
| 4 90mm tee | 14 Draining Wick with Grommet |
| 5 90mm Carrot Upper Collar with O-Ring | 15 Wick Blanking Grommet |
| 6 Carrot housing | 16 Carrot Spring |
| 7 90mm Carrot Lower Slip Coupling | 17 Draining Grommets |
| 8 To stormwater | |
| 9 Carrot Flow Diffuser | |
| 10 Filling Grommet | |

PRODUCT DIMENSIONS

Total Rain



ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED.

Pipe Fitment

DDTR10	DN90 F	Fits over 90mm pipe
DDTR110	3" F	Fits over 3" SCH40 & SDR35
DDTR210	DN80 F	Fits over 80mm pipe
DDTR310	DN80 F	Fits over 80mm pipe
DDTR410	DN90 F	Fits over 90mm pipe
DDTR510	DN68 F	Fits over 68mm pipe