

RAIN HARVESTING

by Blue Mountain Co

Downpipe Diverter Round



Installation and Specification Guide

PRODUCT DETAILS

The Downpipe Diverter Round captures a high proportion of the water flowing through your downpipes, while filtering leaves and debris – giving you lots of great quality rainwater.

Code	Size	Country
DDIV01	90mm	Australia
DDIV21	100mm	Australia
DDIV101	3"	USA
DDIV121	4"	USA
DDIV201	65/80/90	New Zealand
DDIV301	80mm	South Africa
DDIV501	65mm	UK
DDIV21	110/105mm	EU

Installation

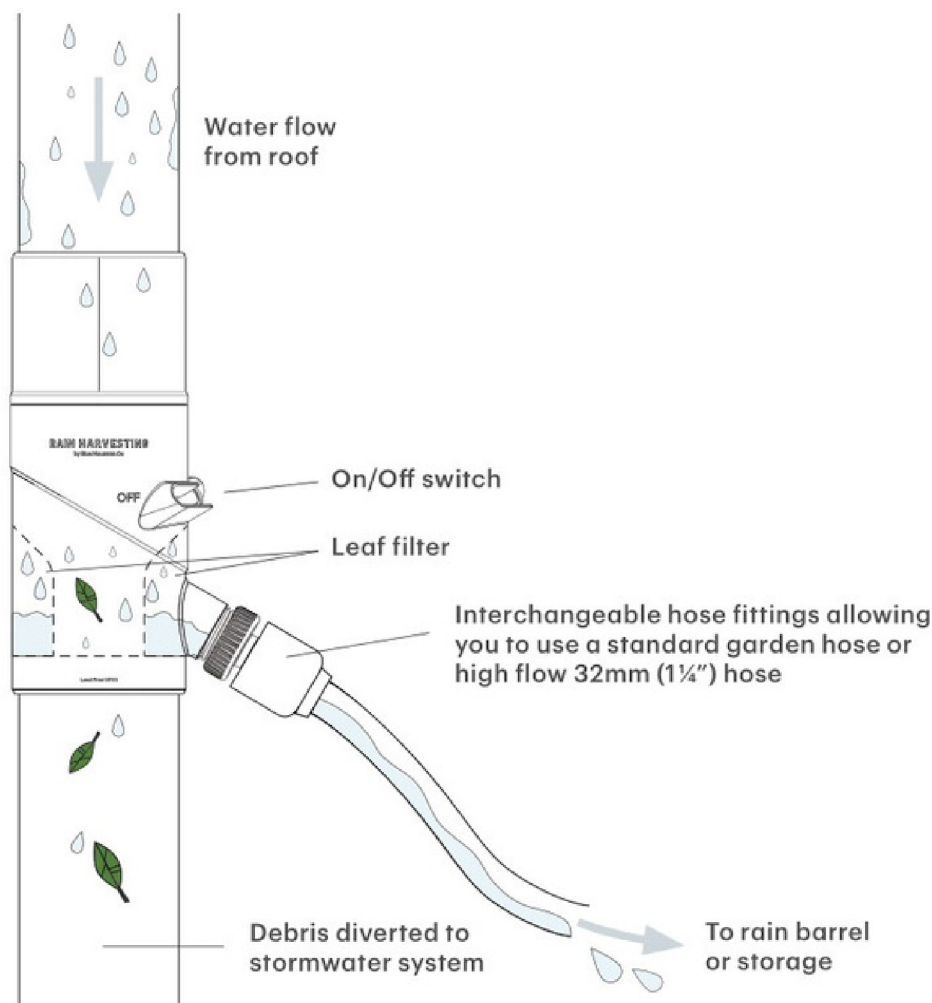
WHAT'S IN THE BOX?

- Downpipe Diverter Round
- 12mm (½") garden hose fitting and seal
- 32mm (1 ¼") hose fitting and seal
- 1" NPT adaptor (USA Only)
- Adaptors (DDIV101, DDIV201, DDIV301 & DDIV501, DDIV121 Versions)

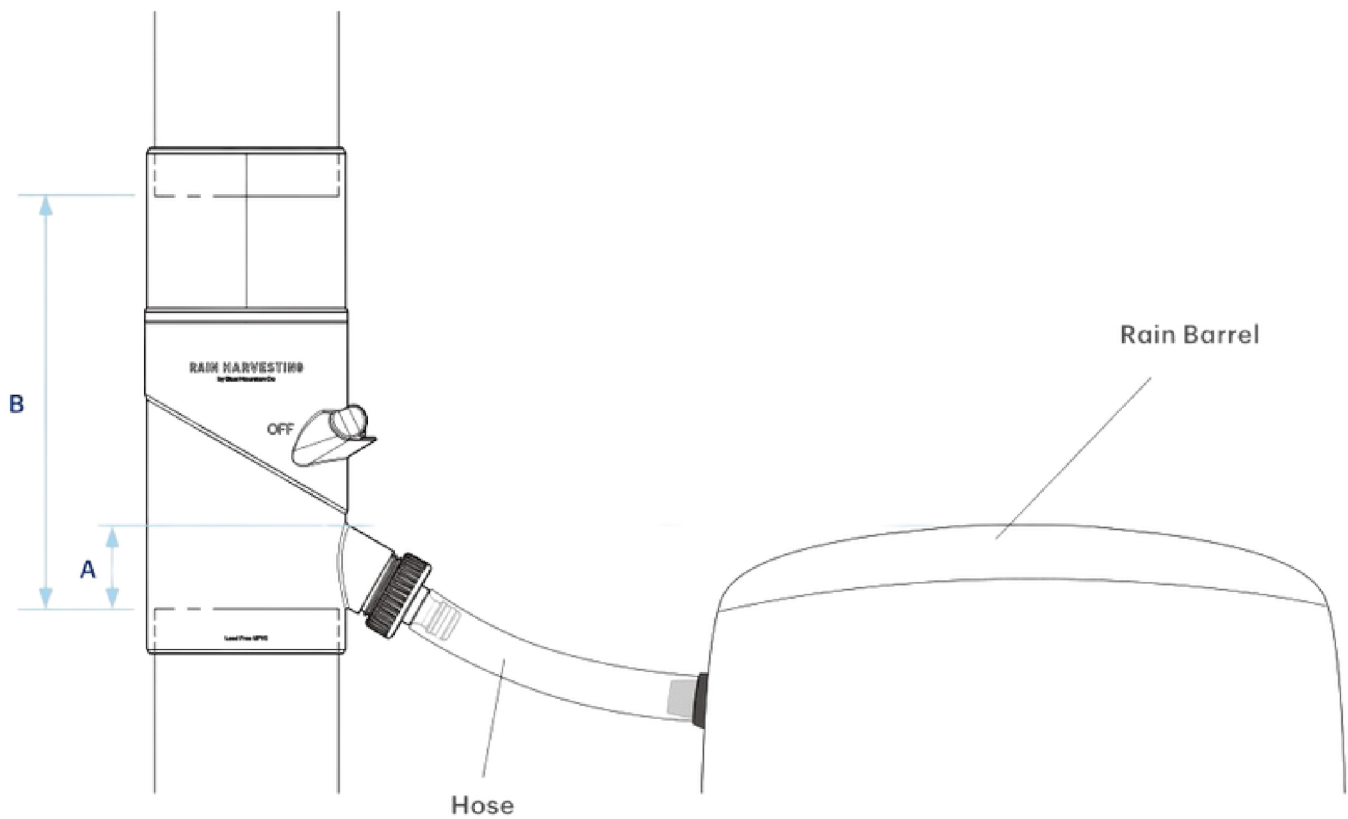
TOOLS/MATERIALS YOU MAY REQUIRE

- Tape measure
- Marker pen
- Saw
- Spirit level
- Solvent cement glue

HOW IT WORKS



INSTALLATION



1 - Select a position to install your downpipe diverter which will allow a smooth path for the hose to your barrel. If you are using the inlet hose to limit the height of water within your barrel, ensure the outlet is below the top of the rain barrel. Mark the lower cut point (A).

100mm Downpipe
90mm Downpipe
80mm Downpipe
65mm Downpipe
3" SCH40 and SDR35 Downpipe
4" SDR35 Downpipe
4" SCH40 Downpipe

Mark the pipe at 75mm below the top of the rain barrel
Mark the pipe at 75mm below the top of the rain barrel
Mark the pipe at 100mm below the top of the rain barrel
Mark the pipe at 100mm below the top of the rain barrel
Mark the pipe at 75mm below the top of the rain barrel
Mark the pipe at 75mm below the top of the rain barrel
Mark the pipe at 100mm below the top of the rain barrel

2 - Then mark the top cut, and remove the section of pipe (B). Ensure all cut edges are clean and smooth.

100mm Downpipe
90mm Downpipe
80mm Downpipe
65mm Downpipe
3" Sch40 and SDR35 Downpipe
4" SDR35 Downpipe
4" SCH40 Downpipe

210mm above the bottom cut
210mm above the bottom cut
230mm above the bottom cut
270mm above the bottom cut
210mm above the bottom cut
210mm above the bottom cut
230mm above the bottom cut

INSTALLATION

3 - Determine whether the Flow Diverter will be used to maximum water capture. If you have a rain head or gutter mesh upstream to filter out large debris, the Flow Diverter is recommended. If you have no upstream rain head or gutter mesh, do not use the Flow Diverter. You will still catch a high flow of water. The Flow Diverter snaps in/out of the Upper Slip Coupling.

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

Country	Code	Pipe Size	Inlet Adaptor	Instructions
Australia	DDIV01	90mm	Not Required	N/A
	DDIV21	100mm	Not Required	N/A
USA	DDIV101	3" SDR35	3" SDR35 Slip Adaptor K0946	Glue the 3" SDR35 Adaptor onto the inlet pipe.
		3" SCH40	Not Required	N/A
	DDIV121	4" SDR35	4" SDR35 Slip Adaptor K0951	Insert the 4" SDR35 Adaptor into the Upper Slip Coupling (no glue required).
		4" SCH40	Not Required	N/A
New Zealand	DDIV201	80mm	80mm Slip Adaptor K0945	Insert the 80mm Adaptor into the Upper Slip Coupling (no glue required).
South Africa	DDIV301	80mm	80mm Slip Adaptor K0945	Insert the 80mm Top Pipe Adaptor into the Upper Slip Coupling (no glue required).
UK	DDIV501	65mm	65mm Socket Adaptor K0920	Glue the 65mm Adaptor onto the inlet pipe. Position the flat side of the adaptor against the wall so it does not push your downpipe out.
EU	DDIV21	110mm/105mm	100/110mm Slip Adaptor K0951	Insert the 100/110mm Adaptor into the Upper Slip Coupling (no glue required).

INSTALLATION

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

Country	Code	Pipe Size	Inlet Adaptor	Instructions
Australia	DDIV01	90mm	Not Required	N/A
	DDIV21	100mm	Not Required	N/A
USA	DDIV101	3" SDR35	Not Required	N/A
		3" SCH40	Not Required	N/A
	DDIV121	4" SDR35	Not Required	N/A
		4" SCH40	4" SCH40 Socket Adaptor K0901	Glue the 4" SCH40 Pipe Adaptor onto the outlet pipe. The Downpipe Diverter will sit on this.
New Zealand	DDIV201	80mm	80mm Socket Adaptor K0905	Glue the 80mm Pipe Adaptor onto the outlet pipe. The Downpipe Diverter will sit on this.
		65mm	65mm Socket Adaptor K0920	Glue the 65mm Pipe Adaptor onto the outlet pipe. Position the flat side of the adaptor against the wall so it does not push your downpipe out. The Downpipe Diverter will sit on this.
South Africa	DDIV301	80mm	80mm Socket Adaptor K0907	Glue the 80mm Pipe Adaptor onto the outlet pipe. The Downpipe Diverter will sit on this.
UK	DDIV501	65mm	65mm Socket Adaptor K0920	Glue the 65mm Pipe Adaptor onto the outlet pipe. Position the flat side of the adaptor against the wall so it does not push your downpipe out. The Downpipe Diverter will sit on this.
EU	DDIV21	110mm/105mm	Not Required	N/A

6 - Slide the Upper Slip Coupling onto the upper section of pipe until it bottoms out (no glue required).

7 - Holding the Upper Slip Coupling in place, insert the Downpipe Diverter onto the pipe (no glue required).

8 - Lower the Slip Coupling back into position

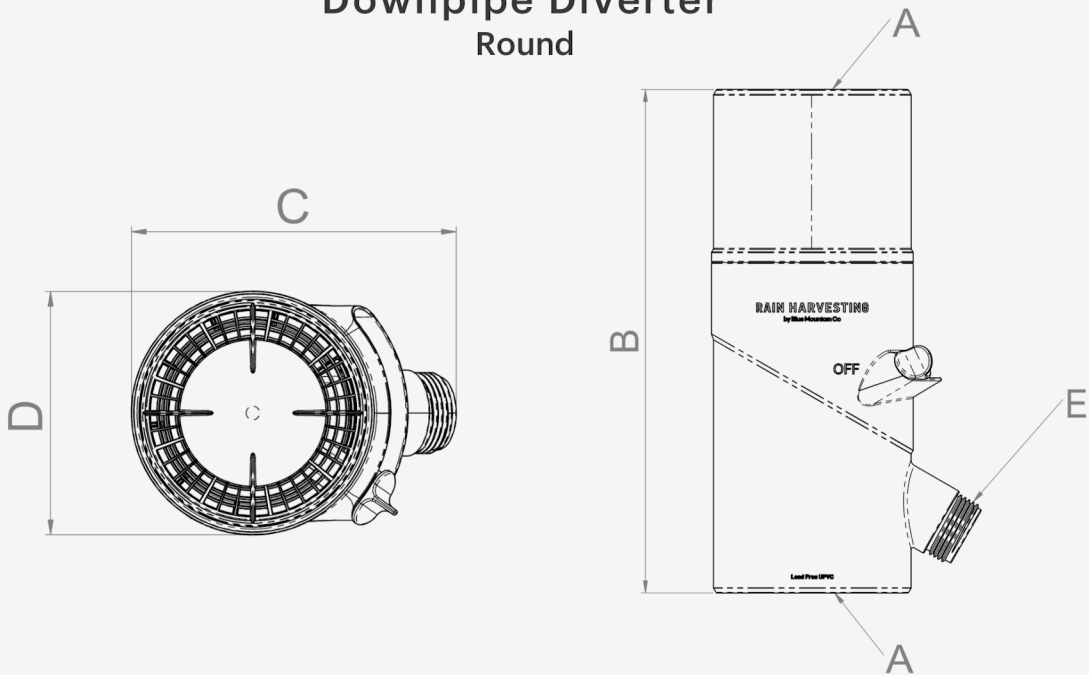
9 - Rotate the nozzle to the required direction.

10 - Screw on your preferred hose fitting onto the nozzle.

11 - Connect the hose to your rain barrel or rainwater tank as required.

Product Specifications

Downpipe Diverter
Round



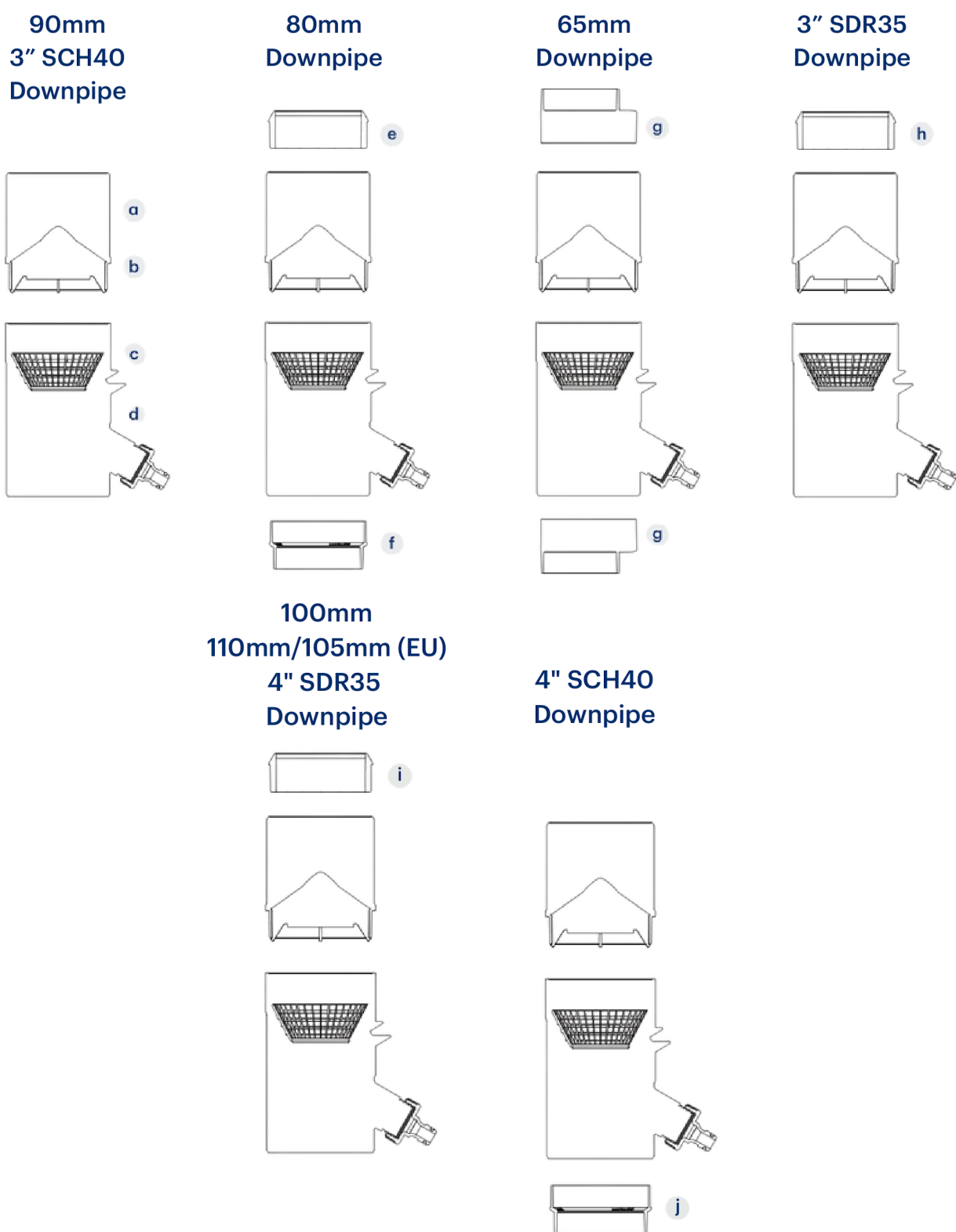
Country	Code	Product Size	A	B	C	D	E
Australia	DDIV01	90mm	90 F	248	133	99	1" BSP Male
	DDIV21	100mm	100 F	255	155	123	1" BSP Male
USA	DDIV101	3"	3" SCH40 F / SDR35 F	9.76"	5.24"	3.92"	1" BSP Male & NPT Male
	DDIV121	4"	4" SCH40 F / SDR35 F	10.71"	6.1"	4.84"	1" BSP Male & NPT Male
New Zealand	DDIV201	65/80/90	65 F	305	133	99	1" BSP Male
			80 F	283	133	99	1" BSP Male
			90 F	248	133	99	1" BSP Male
South Africa	DDIV301	80mm	80 F	283	133	99	1" BSP Male
UK	DDIV501	68mm	68 F	305	133	99	1" BSP Male
EU	DDIV21	110/105mm	110 F / 105F	255	155	123	1" BSP Male

All dimensions are in mm unless otherwise stated.

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

Figure 1

Suggested Installation Orientations



Maintenance

For the best performance, check your downpipe diverter periodically by lifting the slip coupling up to remove and leaves which might have become lodged on the Filter.

The body of the Downpipe Diverter and the Filter can be removed easily by hand.

After cleaning the unit by brushing or hosing the filter, simply return it back into place.

The frequency of inspections will depend on the environment around you. For example, if you are in a high leaf area, inspections should occur more regularly.



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