



Products: Clean Rain Ultra™

Code: DDCR01

The Ultimate All In One Rainwater Filtration and Collection System



Product Description

The Premium Choice for Easy, High Quality Rainwater

Clean Rain Ultra is an all-in-one rain head, first flush diverter and stormwater overflow in a highly compact and functional product. A unique sleek cover and cap provides a stylish, integrated look. The advanced filtration technology (Hydro Activated Filtration™) allows the Clean Rain® to shed leaves while the 'Smart Sense' first flush diversion system automatically activates when water is detected and diverts the first flush of rainwater which contains contaminants from the roof to stormwater. Clean Rain® allows the user to connect multiple outlet hoses to direct water to a pool, garden or storage tanks. The Clean Rain® body also rotates 180° allowing it to easily adapt to different installation environments.

Features and Benefits

- Break through Rain Head and First Flush Diverter technology in one easy to install product offering
- Cutting edge Rain Head technology uses the Leaf Slide and a precisely angled vibrating screen to deflect debris off the screen. (Hydro Activated Filtration™ technology)
- Compact inline First Flush Diverter diverts the first flush of rainwater containing contaminants from the roof to stormwater – no additional chamber required (Smart Sense® technology)
- Minimal maintenance
- A unique sleek cover and cap provides a stylish, integrated look
- The Clean Rain® Body swivels for convenient outlet positioning
- Fits standard garden, 22mm grey water and 38mm pool hoses, and 90mm pipe
- Multi-fit cap and downpipe adaptors – 90mm and 100mm, 100 x 75mm and 100mm x 50mm
- Easily accessible on/off switch, with a safety overflow to stormwater drain

Compliance

- Queensland Development Code MP 4.2 – Water Saving Targets
- AS/NZS 3500.3:2003 Plumbing and Drainage – Stormwater Drainage
- HB230:2008 Rainwater Tank Design and Installation Handbook
- enHealth Council – Guidance on the Use of Rainwater Tanks – Preventing Mosquitoes Breeding
- Queensland Health Regulations 1996 (Part 8 – Mosquito Prevention)

Installation

1. Remove 745mm of downpipe from where the Clean Rain® is to be situated. Ensure all edges are clean and smooth.
2. Remove the cap and use snips to remove a section to fit the downpipe.
3. Remove the cover by flexing outwards at the top.
4. Fit the correct downpipe adaptor to the bottom of the Clean Rain®.
5. Slide the cap up the top section of downpipe and hold temporarily in place.
6. Install the Clean Rain® by positioning it securely on the bottom section of downpipe.
7. Screw the top of the Clean Rain® in position through the screw slots provided. Ensure appropriate screws and anchors (if required) are used.
8. Check the placement of the Vibrating Screen. It must sit behind and below the front face (refer figure 1).
9. Insert the Leaf Slide into slot holes (refer figure 2).
10. Re-install the front cover.
11. Slide the cap back down the downpipe until it sits securely on top of the Clean Rain® unit.

On/Off

The Clean Rain® can be turned off so that no water is diverted. To do this simply flick the switch on the front of the Clean Rain® and in the next rainfall event all water will be diverted to stormwater.

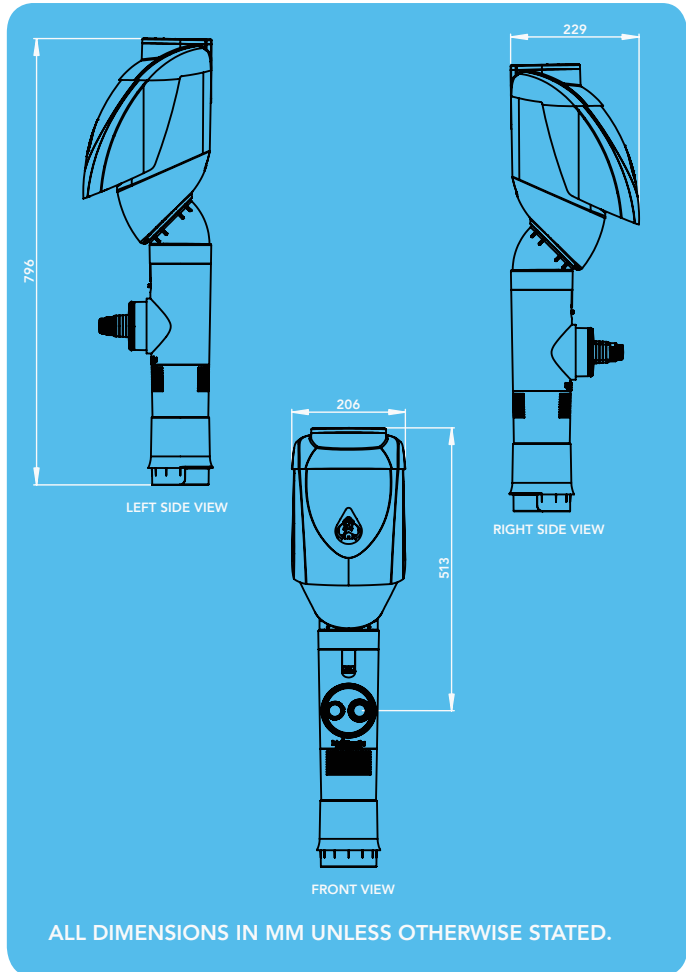
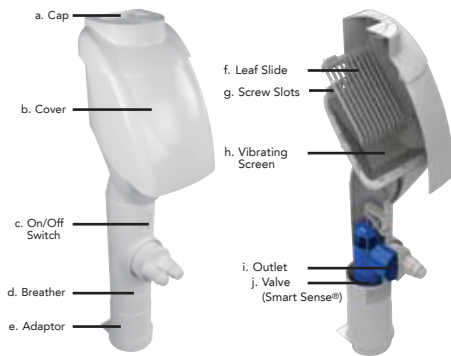


Figure 1.

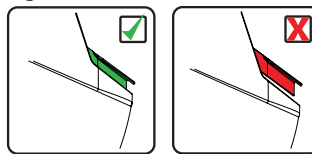
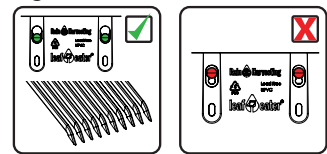


Figure 2.



Maintenance

The Clean Rain® is mostly self-cleaning, however it may require occasional maintenance in order to keep it functioning optimally.

RAIN HEAD – The leaf slide and vibrating screen can both be removed when the cap and cover are off by lifting up and out. If cleaning is required simply hose or brush off any debris. Replace as per figure 1 and 2.

OUTLET – The outlet has an internal mosquito barrier that prevents any mosquitoes from entering the tank. To clean simply remove the outlet by holding the unit in one hand and with a firm pull remove the outlet adaptor. The mosquito barrier sits within the outlet and can be removed by hand.

FIRST FLUSH – The Smart Sense® valve may require the occasional clean to remove any build-up of sediment. To clean remove the Clean Rain® from the wall and take the bottom adaptor off the unit.

The hygroscopic washers within the Clean Rain have a long service and should not require replacement. However, should you notice decreased amounts of first flush or increasingly longer re-set periods then your washers may require replacement.

Please contact Rain Harvesting for a full replacement set.

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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