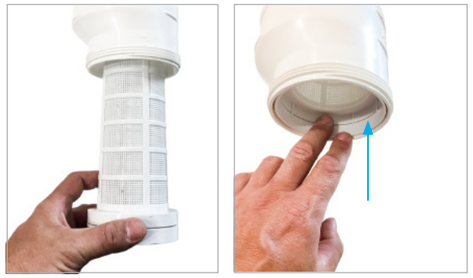
Figure 5

Installing and setting up the Advanced Release Valve

5a. Insert the Primary Filter into the end of the First Flush chamber. It should fit snuggly into the socket on the end of the pipe.



5b. Install the Transparent Rapid Release Exit Funnel, ensuring the o-ring is seated correctly. It should be screwed up firmly to compress the o-ring.

5c. Attach the Advanced Release Valve by first installing the 25mm x 20mm (1" x 3/4") reducing adaptor and washer to the 25mm (1") thread of the screw cap.

5d. Remove the union from the valve and attach to the reducing adaptor with 20mm (3/4") washer in place.

5e. Attach the valve at the union and orientate dial for easy access.

5f. Remove the waterproof cover from the Advanced Release Valve.

5g. Ensure the reset interval and drain time control knobs are in the "RESET" and "CLOSED" positions. Carefully slide out the battery box and install two new 1.5-volt AAA batteries.

5h. Test the unit by turning the drain time knob to the "OPEN" position. You should hear the sound of the motor within 5 seconds. Turn the drain time knob back to the "CLOSED" position ready for setting.

NOTE: If you do not hear the sound of the motor, check that the batteries are installed correctly.

5i. Ensure that the reset interval and drain time knobs are in the "RESET" and "CLOSED" positions.

NOTE: The first time you program the Advance Release Valve it will not begin to operate until after a time delay equal to the setting of the reset interval knob you select. The Advance Release Valve starts to keep time when you set it. It is important that you set the timer at the hour you want it to operate. For example, if you want the Advance Release Valve to operate at 07:00AM, you must physically set it at 07:00AM.

Set your reset interval and drain time according to the tables in Figure 6, then replace the battery box cover. A long reset interval will mean that the first flush diversion chamber empties less frequently, leading to higher rainwater yield. A short reset interval will mean that the first flush diversion chamber empties more frequently, resulting in a lower water yield.

Figure 6

Advance Release Valve Reset and Drain Time Settings

Suggested Reset Setting	Pollution Level
1 day	Very high
2 days	Very high
3 days	High
4 days	Medium
5 days	Medium
1 week	Low
2 weeks	Very Low
4 weeks	Very Low

Recommended drain time setting	Approx. First Flush chamber size	
5 minutes	20 litres	5.3 gallons
10	40	10
20	80	20
30	120	30
45	180	50
60	240	60
75	300	80
100	400	100
125	500	130
150	600	160