

Raintaina Rainclean RWP Base Unit

RTNA05003

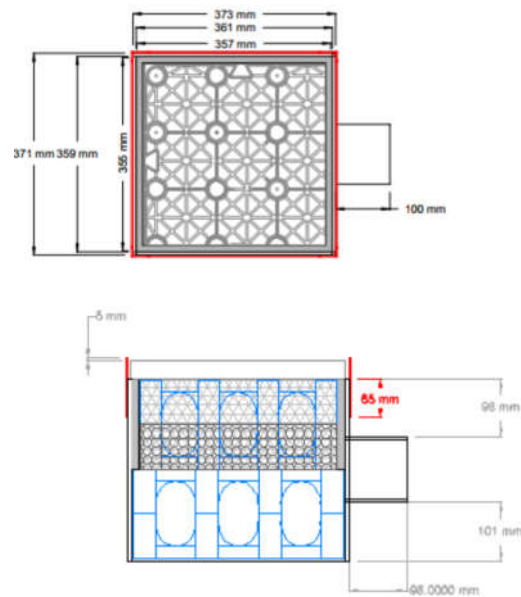
Description

The Raintaina Rainclean RWP Base Unit located directly under the outlet of all rainwater pipes to filter and channel rainwater to sub-base storage. The unit has a removable filter cover and internal removable rainclean filter cartridge to filter rainwater prior to entry into permeable paving systems. Rainclean media is a proven bio-remediation filter media system that treats the priority pollutants identified by the regulatory authorities (Environment Agency and Highways Authority), principally total suspended solids (TSS) and dissolved heavy metals such as copper and zinc – meeting both these key requirements within a single solution. It is compact, light and easy to install and has a 110mm spigot to direct the flow of water out of the base unit. It contains a sump so that any silt or sediment sinks to the bottom preventing the clogging up of the system, this makes it easier for cleaning and maintenance.



Packaging Details

Element	Value	Unit
Packaging unit dimension	345 x 494 x 375 (HxWxD)	mm
Packaging unit weight	TBC	kg
Number of units per pallet	TBC	nr
Pallet dimensions	1200 x 1200 x 150 (LxWxD)	mm
Pallet Weight	TBC	kg



Specification

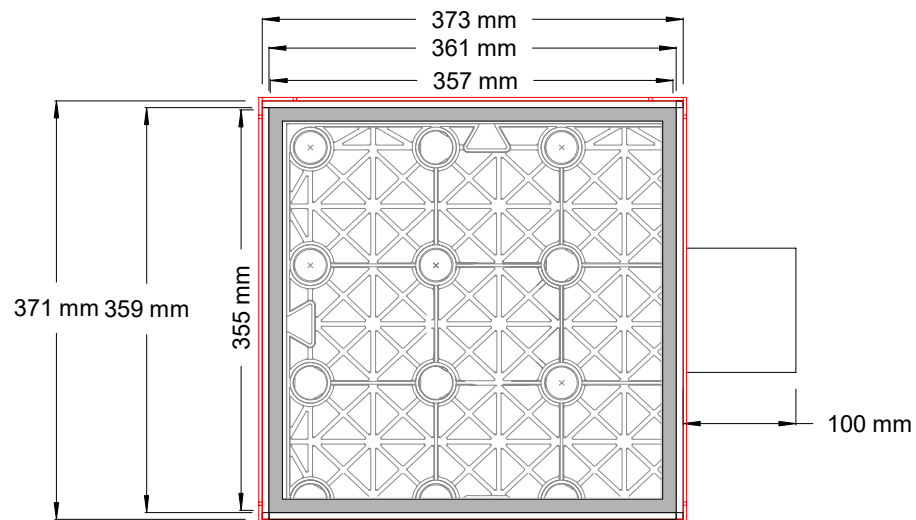
Element	Value	Unit
Overall width	475	mm
Overall depth	341	mm
Sump Depth	105	mm
Depth to invert of inlet	231	mm
Outlet spigot O.D	110	mm
Unit weight	7	kg
Material	HDPE	

Quick and easy to install

Easy access for maintenance

Enhanced runoff treatment

Raintaina-Rainclean Downpipe Filter Unit

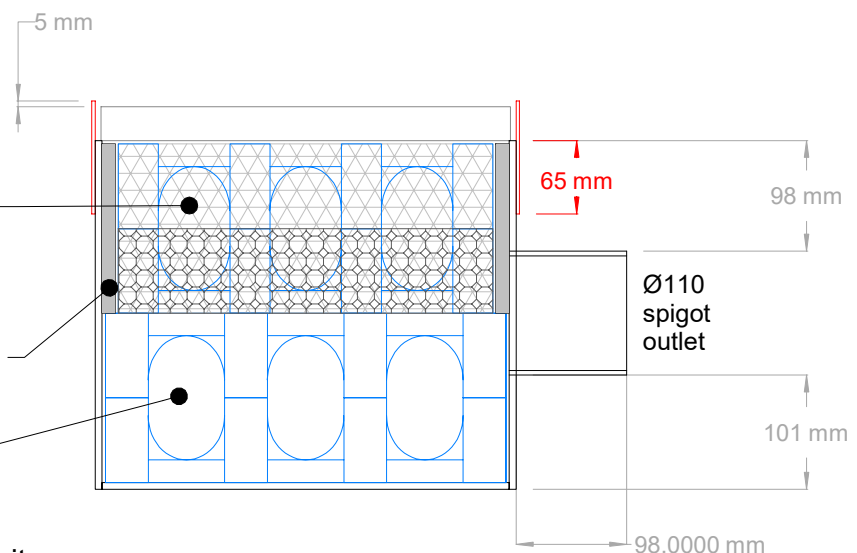


Rainclean filter cartridge
332mm x 332mm x 150mm
wrapped in 2mm mesh
filled with 7kg Rainclean
media

12mm thk hdpe reinforcing
collar

Half of standard
permavoid unit

Raintaina Rainclean Filter Unit
is suitable for catchment areas
upto 25m²

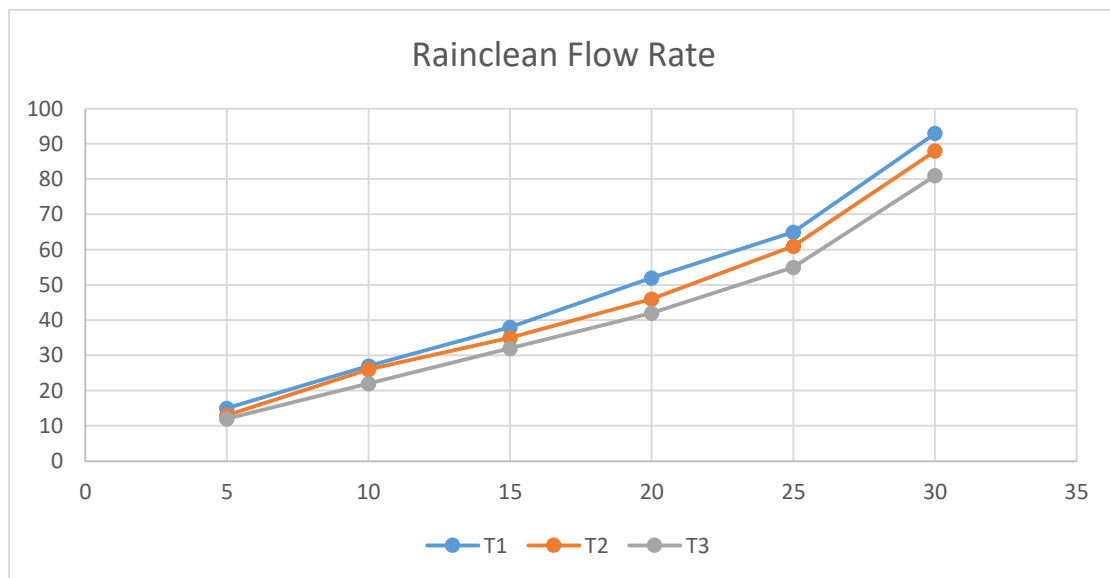




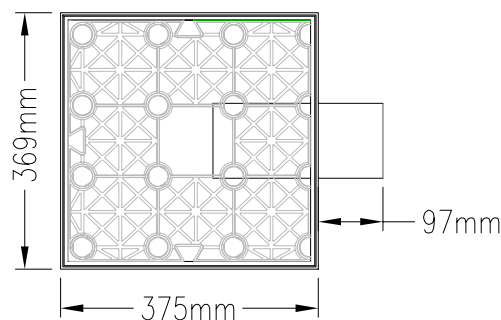
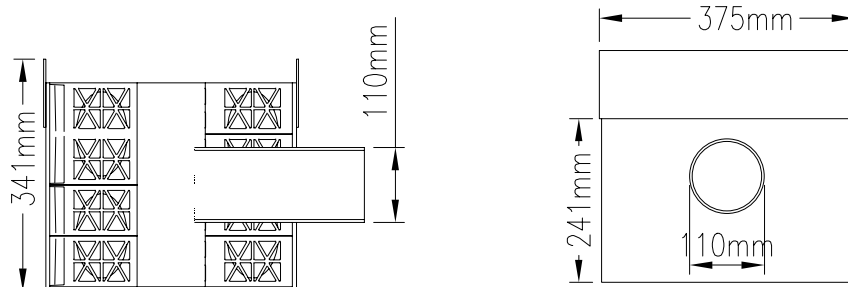
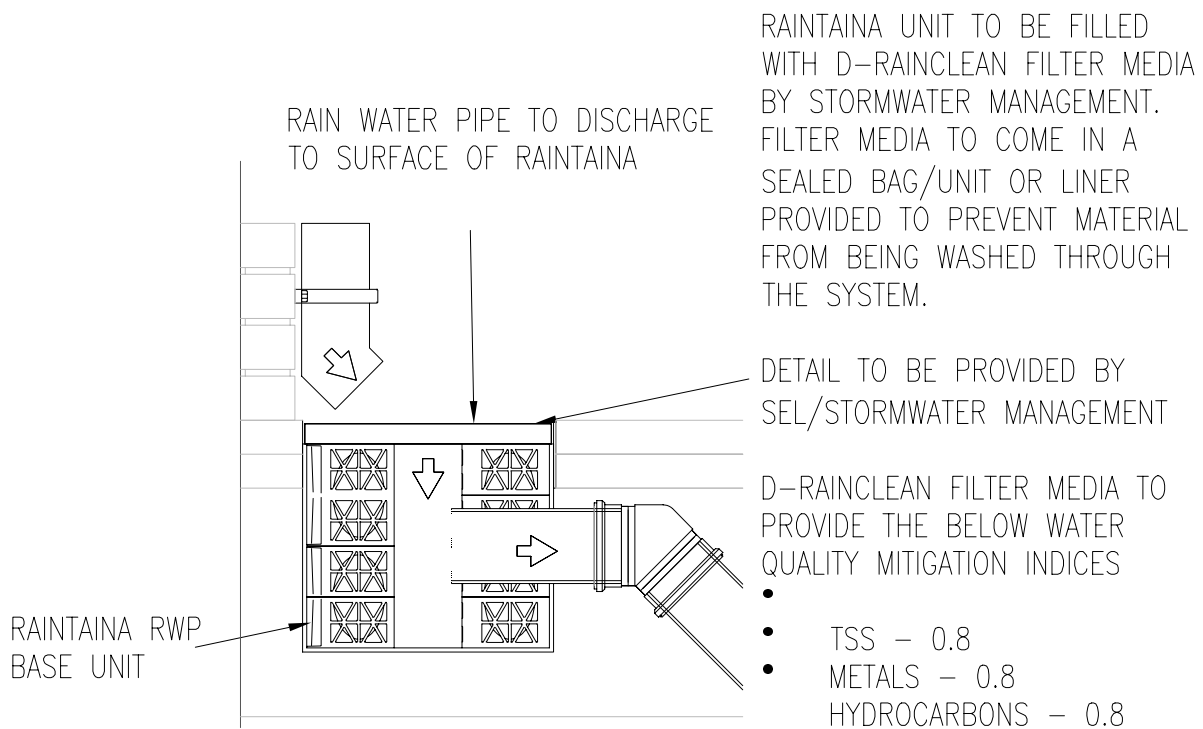
SEL Environmental Ltd
Canal House
Bonsall Street
Blackburn, BB2 4DD
Tel: 01254 589987
Web: www.selel.co.uk

Rainclean Flow Rate Test

Litres	T1	T2	T3
5	15	13	12
10	27	26	22
15	38	35	32
20	52	46	42
25	65	61	55
30	93	88	81



In constant head state, an average of 25 litres of runoff passed through in 61 seconds, this is an equivalent flow rate of 0.41 l/s. The Building Regulations Part H3; Diagram 1; confirms a max. rainfall intensity for Wales = 0.016 l/s/m². Therefore this equates that a single standard Raintaina Rainclean filter unit can manage a roof catchment up to 25m²



'RAINTAINA' RWP BASE UNIT



Sel Environmental Ltd
Real Innovation

SEL Environmental Ltd
Canal House
Bonsall Street
Blackburn
BB2 4DD

Tel: 01254 589987
www.sel.co.uk

Project: --

Drawing Title: Raintaina Rainclean Filter Unit

Client: --

Status: For Information

Rev	Date	Description	By	Chk
Scale		Paper Size		
Drawing Number				