

FLUSHMAX™

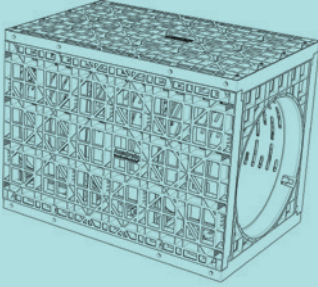
*Inspection, cleaning and maintenance for
Ausdrain EnviroModule2 tanks*



Patent Pending

AUSDRAIN FLUSHMAX™ SYSTEM

The Ausdrain Flushmax™ system is an innovative inspection, cleaning and maintenance system designed to provide permanent access to Ausdrain EnviroModule2 tanks.

FLUSHMAX™	FEATURES	BENEFITS
	<ul style="list-style-type: none"> • Open structure • Low maintenance • Modular • Load bearing • Durable • Lightweight • Pre-assembled • 100% recycled 	<ul style="list-style-type: none"> • Access for cleaning • No replacement filters • Design flexibility • Trafficable • Long life expectancy • Install by hand • Cost-effective to install • Environmentally friendly

The AUSDRAIN Flushmax system is an innovative inspection, cleaning and maintenance system designed to provide permanent access to EnviroModule2 modular tanks. This system offers designers, builders and property owners a cost-effective and practical solution to enable long term maintenance of AUSDRAIN tanks.

Pre-assembled Flushmax modules create single or multiple rows of 300mm perforated filtration pipes that run throughout the length of the tank.

The flow rate of the inlet pipe(s) can be matched to the number of Flushmax modules required. For pipe dimensions greater than 300mm a manifold system can be designed to equal the flow rate of larger inlet pipes.

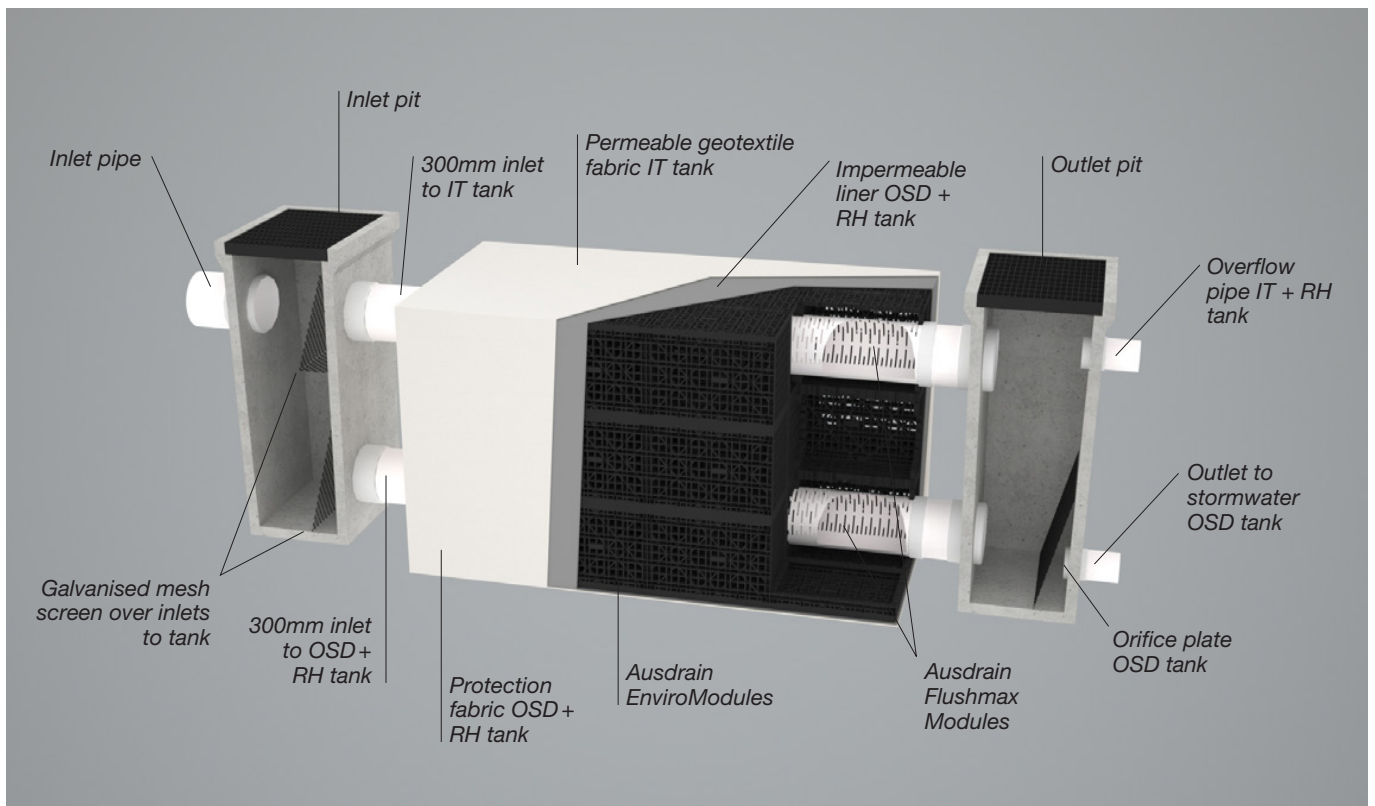
Stormwater entering the inlet pit will first be filtered by a GPT or maxi mesh screen bolted over the inlet to the Flushmax row. In the event that solids enter the Flushmax row, secondary filtration will occur as the first flush carries these solids into the outlet pit where they can be easily removed. Any solids that remain within the Flushmax row will settle on the base where they can be flushed out by a high pressure hose at maintenance intervals.

Technical data

Length	600mm
Width	400mm
Height	450mm
Weight	6 kg
Compressive strength	17.8 tonnes/m ²
Minimum cover	
landscaped	300mm
trafficable	600mm
Maximum cover	
landscaped	1200mm
trafficable	900mm
Maximum load	25kPa
Inlet diameter	300mm
Outlet diameter	300mm
Flow rate	30 litres /sec/module
Manning value (k)	0.003mm
Material	Recycled polypropylene

Installation procedure

1. Refer to EnviroModule2 installation guide for instructions on module assembly, installation and backfilling of each tank type.
2. Identify the row(s) of Flushmax on the plan and align the 600mm side of the Flushmax modules with the 600mm side of the adjacent EnviroModules.
Note: For RH and OSD tanks the Flushmax row must be at the base of the tank. For IT tanks the Flushmax row must be at the top of the tank.
3. Place the pre-assembled Flushmax modules from end to end of the tank within the liner/geotextile layer and butt together.
4. Place all remaining EnviroModules on either side of the Flushmax row(s). Note: for multiple rows of Flushmax ensure they are separated by at least one row of regular modules.
5. Connect a piece of 300mm PVC pipe to the inlet and outlet of the Flushmax row(s) for connection to the adjacent pit(s).
6. Install all remaining EnviroModules to complete the tank structure.
7. Cut an X in the geotextile and 300mm diameter hole in the liner where the inlet and outlet pipes are to allow them to fit through. Wrap the impermeable liner and/or geotextile completely around the tank allowing for the 300mm inlet/outlet pipes to protrude.
8. Secure the geotextile with duct tape around the pipes and clamp using an adjustable band clamp. If using an impermeable liner, fit the self-adhesive pipe boot over the inlet and outlet pipes as per the instructions provided.
9. Connect the 300mm inlet/outlet pipes to each adjacent pit. A galvanised mesh screen should be bolted over the inlet pipe only.
10. Backfill the tank as per the EnviroModule2 installation guide.



If you have any questions during design or installation please contact Ausdrain Technical Sales on 1300 287 372.

IT	Infiltration
OSD	On site detention
RH	Rainwater harvesting

Distributed by:

Designed and manufactured in Australia

*Manufactured from 100% environmentally
friendly recycled plastics*

For more in-depth information about
AUSDRAIN™ and the products the
company provides contact:

T 61 2 9929 7650
F 61 2 9929 7655
E enquiries@ausdrain.com

PO Box 164
Cammeray NSW 2062
Australia

1300 AUSDRAIN (1300 287 372)
(Toll free within Australia)

or visit
www.ausdrain.com

Disclaimer

2015 Australian Drainage Modules Pty Ltd. All reasonable care has been taken in compiling the information in this brochure. The details in this brochure are intended only as a guide in specifying and installing AUSDRAIN™ products. It is the customers responsibility to ensure that each product is suitable for its intended purpose and that the actual conditions of use are suitable. AUSDRAIN™ assumes no responsibility for the specification and/or installation of its products or for improper reliance upon or misuse of the data herein. Due to continuous product development AUSDRAIN™ reserves the right to change product design and/or specifications without notice.

Australian Drainage Modules Pty Ltd
Trading as AUSDRAIN™