

Treatment

Downstream Defender® Oil & Sediment Separator

The Downstream Defender® oil and sediment separator is an efficient, easy-to-install system for removing settleable solids, floatables, oils and grease from stormwater runoff.

Its small footprint makes it ideal for installations such as commercial developments, large car parks and industrial sites.

Typically, less excavation is required than for other flow-through systems. The system is delivered to site fully fabricated, ready to be installed in the excavated hole and connected to the drainage system.

The Downstream Defender® separator uses advanced hydrodynamic technology to keep the physical size of the unit to a minimum while maximising the potential for stormwater treatment. Project specific drawings can be provided to suit most applications

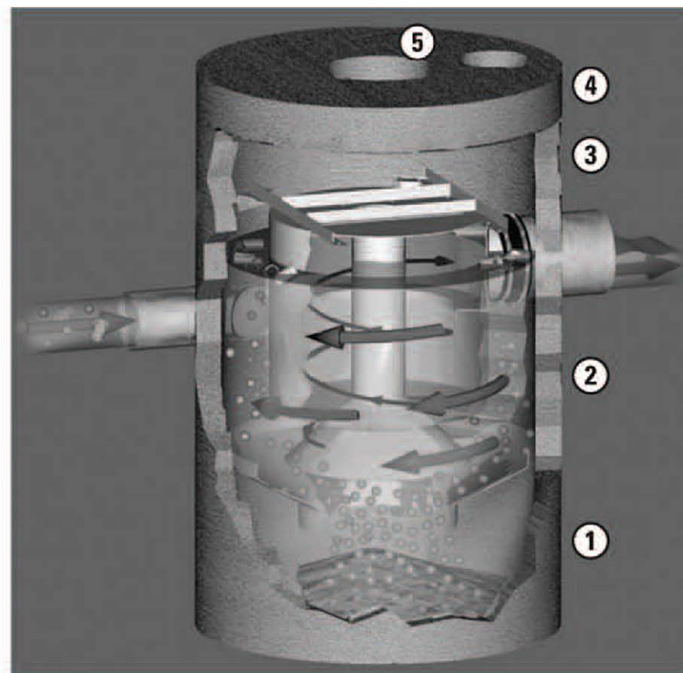
Contact Rocla for more information.



Downstream Defender – Dimensions

Item	Model	DD1200		DD1800	
		Diameter (m)	Depth (m)	Diameter (m)	Depth (m)
1	Sump	1.5	1.5	2.14	1.15
2	Mid-section	1.37	1.07	2.02	1.7
3	Riser (per m)	1.37	Varies	2.14	Varies
4	Converter Slab	1.37	0.14	2.14	0.18
5	Cover/s	0.6	0.07	0.6	0.07

Item	Model	D2400		DD3000	
		Diameter (m)	Depth (m)	Diameter (m)	Depth (m)
1	Sump	2.66	1.50	3.31	1.90
2	Mid-section	2.66	2.10	3.31	2.44
3	Riser (per m)	2.66	Varies	3.31	Varies
4	Converter Slab	2.66	0.25	3.31	0.24
5	Cover/s	0.6	0.07	0.6	0.07



Downstream Defender – Standard Models

Model	Design Treatment Flow (L/s)	Treatment Capacity (L/s)
DD1200	20	85
DD1800	85	230
DD2400	200	425
DD3000	370	700

Note: Removal rate 84% TSS at design treatment flow rates