

VortCapture™

Full capture gross pollutant trap with internal bypass.

Gross pollutant control plays an important role in stormwater management. From targeting visual contaminants such as plastic, litter, leaves or oils, to pre-treatment of sediments prior to filtration devices, ponds or wetlands. Gross Pollutant Traps (GPT's) are a cost-effective way to reduce your site's contaminant loadings and extend system maintenance frequencies.

VortCapture™ is a full capture, high-capacity litter, debris & sediment solution designed to remove all particles greater than 5mm in size. The system combines the proven sediment removal capability of hydrodynamic separation with superior litter and organic debris capture. The result is a stormwater treatment system that effectively captures and retains a broad range of pollutants.

Key Benefits

Integrated high-flow diversion.

Flexible, compact design ideal for congested sites.

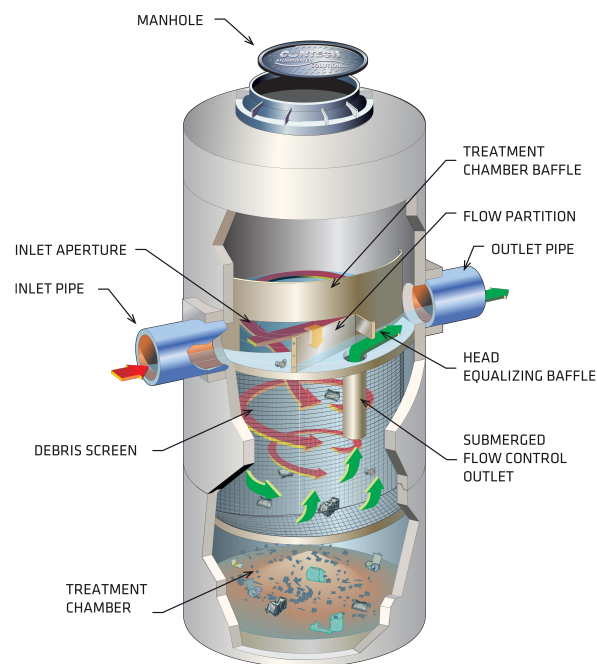
Provides unobstructed access to stored pollutants, making it easy to maintain.

Integrated screen to remove neutral buoyant debris.

Moderate Sediment Removal

Applications

- ✓ Ideal for pretreatment – reduce maintenance costs on downstream stormwater device.



For VortCapture™ models and sizing visit <http://design.stormwater360.co.nz>

Available Models

VortCapture™	Swirl Chamber Diameter	Typical Depth Below Invert	Max . Pipe Size Inlet/Outlet	Water Quality Flow Rate	Debris Storage Capacity	Sediment Storage
	mm	m	mm	L/s	m³	m³
VC40	1200	2.0	375	39	0.9	0.5
VC50	1500	2.3	375	69	1.5	0.8
VC60	1800	2.6	450	109	2.3	1.2
VC70	2050	2.8	525	185	3.4	1.6
VC80	2300	3.1	600	283	4.7	2.1

Custom design on request for high flow solutions. Contact sales@stormwater360.co.nz