



spelstormwater
joy in water

SPEL Vortceptor®

Hydrodynamic Vortex Gross Pollutant Trap (GPT)

OVERVIEW

The SPEL Vortceptor® GPT is a non-blocking hydrodynamic separator that has a unique screen and treatment action producing low vortex conditions resulting in excellent pollution removal performance and resulting high water quality outcomes.

BENEFITS

- Vortex Action
- Separates and captures gross pollutants, sediments, silt, total suspended solids, some nutrients and oil and grease.
- Non-blocking hydrodynamic separator.
- Unique screen & treatment action.

APPLICATIONS

Shopping Precinct

Commercial Zones

Recreational Grounds

Industrial Areas

Beaches & Parks

Residential Development



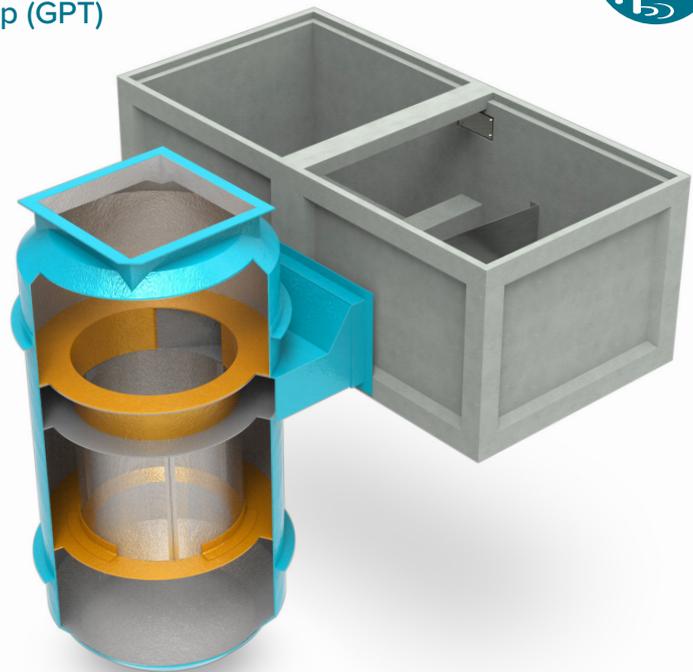
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Features

- 900 x 900 mm flanged manhole access
- 316 SS VORTCEPTOR Screen
- Additional manhole extensions (if required).
- Reinforced Fibreglass
- Ribbed for structural strength/vertical anchoring
- One piece construction



Specifications

Models	Dimensions (mm)				Capacities			Removal Rates (%)			
	Internal Diameter	Overall Width	Depth below invert	Manhole Size	Sump Capacity (m³)	Floatables Volume (m³)	Treatable Flow rate (L/s)	TSS	TP	TN	GP's
OFFLINE SERIES											
SVO.096(L/R)	1500	1670	1725	900x900	2.0	0.35	96	70	30	Variable	99.99
SVO.140(L/R)	1500	1670	2025		2.3	0.35	140				
SVO.180(L/R)	1500	1670	2325		3.0	0.35	180				
SVO.220(L/R)	2200	2350	2800		4.5	1.1	220				
SVO.360(L/R)	2200	2350	3080		6.0	1.1	360				
SVO.530(L/R)	3000	3150	3200		8.5	2.8	530				
SVO.800(L/R)	3000	3150	4200		8.5	2.8	800				
SVO.810(L/R)	4000	4150	3400		19.3	5.65	800				
SVO.1200(L/R)	4000	4150	4000		19.3	5.65	1200				
SVO.1600(L/R)	4000	4150	4600		19.3	5.65	1600				
IN-LINE SERIES											
SVI.025(L/R)	1200	1370	1400	600x600	1.2	0.06	26	70	30	Variable	99.99
SVI.055(L/R)	1800	1970	1650	900x900	2.7	0.22	55				
SVI.055.M(L/R)	2200	2370	1585		3.2	0.22	55				