

EcoClean - CDS Unit Selection: Table 1A

Storm Water Quality Improvement

The following table is for information and to be used as **guide only** for sizing by Engineering Consultants:



CDS Model	Flow Rate	Pollutant Storage (m ³)		Catchment Area (ha)	Oil Storage - Spilled Condition (m ³)		Drain Width (mm)	Std. Dwg. No.	
		* Vacuum	# Basket		* Vacuum	# Basket			
Precast Concrete Body	P0708	190 - 350 l/s	1.75	0.67	up to 3.5ha	2.86	1.98	up to 525	
	P1009	300 - 500 l/s	3.34	1.45	up to 7ha	4.22	2.5	up to 900	
	P1012	420 - 700 l/s	3.57	1.69	up to 7.5ha	4.9	3.18	up to 1200	
	P1015	540 - 900 l/s	3.81	1.93	up to 8ha	5.58	3.86	up to 1500	
	P2018	1.5 - 2.6 m ³ /s	18.72	10.20	up to 40ha	25.1	16.86	Variable	
	P2028	2.4 - 4.0 m ³ /s	21.40	12.88	up to 45ha	31.76	23.53	Variable	
	P3018	2.4 - 4.0 m ³ /s	65.41	27.56	up to 60ha	92.47	55.57	Variable	
	P3024	3.7 - 6.2 m ³ /s	69.65	31.80	up to 65ha	108.32	71.42	Variable	
	P3030	5.25 - 8.75 m ³ /s	73.90	36.04	up to 75ha	124.18	87.28	Variable	
	P2018 Twin	3.0 - 5.2 m ³ /s	37.44	20.40	up to 80ha	50.2	33.72	Variable	
	P2028 Twin	4.8 - 8.0 m ³ /s	42.80	25.76	up to 90ha	63.52	47.06	Variable	
	P3018 Twin	4.8 - 8.0 m ³ /s	130.82	55.12	up to 120ha	184.94	111.14	Variable	
	P3024 Twin	7.4 - 12.4 m ³ /s	139.30	63.60	up to 130ha	216.64	142.84	Variable	
	P3030 Twin	10.5 - 17.5 m ³ /s	139.30	63.60	up to 150ha	216.64	142.84	Variable	
Fibreglass Body	F0506	70 - 115 l/s	0.41	0.23	up to 1ha	0.53	0.36	up to 375	
	F0908	210 - 350 l/s	2.67	1.27	up to 5ha	3.23	1.94	up to 750	
	F0912	220 - 400 l/s	2.81	1.45	up to 6ha	3.64	2.38	up to 900	
	F1512	660 - 1100 l/s	6.87	3.88	up to 15ha	8.67	5.86	up to 1500	
	F1518	1.0 - 1.85 m ³ /s	8.14	5.06	up to 17ha	10.38	7.97	up to 1800	

* Removal of Pollutants by vacuum suction.

Removal of Pollutants by lifting basket

Note:

- Multiple combination of EcoClean CDS units can be used to treat large flows. DETAIL ON REQUEST.