

DATA SHEET

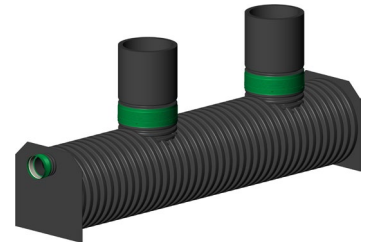
STORM WATER SETTLING AND SEPARATION UNIT

PRODUCT DESCRIPTION : Horizontal structure equipped with internal deflectors and access risers for inspection and maintenance.

FUNCTION : Separates suspended sediments from storm water and stores floating oils and debris in a cell.

RAW MATERIALS : Made from high-density polyethylene (HDPE) ASTM D3350

TECHNICAL DATA : Diameter: 750 mm (30 in) to 1500 mm (60 in)
 Length: 6 m (19.7 ft) to 12 m (39.4 ft)
 Size of particles to control: from very fine sand to very coarse sand (75 microns and over)
 Installation: networked with or parallel to the storm sewer system
 Structural strength: CAN/CSA - S6 - 02 (CL-625) and AASHTO (H-25 and HS-25)



STORM WATER SETTLING AND SEPARATION UNIT



AVAILABLE COUPLERS : Adapts to all types of HDPE, PVC, concrete, steel and CSP pipes.

TECHNICAL DATA TABLES

Unit diameter		Length		Nom. Dia. inlet		Nom. dia. outlet		Nom. dia. access riser	Treatment rate		Sediment volume		Oil volume		Particle size	
mm	in	m	ft	mm	in	mm	in		l/s	gal/s	m ³	ft ³	m ³	ft ³	mm	SIEVE
750	30	6	20	200	8	200	8	750 mm (30 in)	33	8,7	1,5	52	0,4	13,4	0,106	140
750	30	12	40	200	8	200	8		56	14,8	2,7	94,1	1,2	42,3	0,106	140
750	30	6	20	200	8	200	8		15	4,0	1,5	52	0,4	13,4	0,075	200
750	30	12	40	200	8	200	8		36	9,5	2,7	94,1	1,2	42,3	0,075	200
900	36	6	20	250	10	250	10		42	11,1	2,1	75	0,6	20	0,106	140
900	36	12	40	250	10	250	10		67	17,7	3,8	135,8	1,8	62,2	0,106	140
900	36	6	20	250	10	250	10		20	5,3	2,1	75	0,6	20	0,075	200
900	36	12	40	250	10	250	10		45	11,9	3,8	135,8	1,8	62,2	0,075	200
1050	42	6	20	300	12	300	12		49	13,0	2,9	101,5	0,8	26,9	0,106	140
1050	42	12	40	300	12	300	12		104	27,5	5,2	183,7	2,4	85,2	0,106	140
1050	42	6	20	300	12	300	12		24	6,3	2,9	101,5	0,8	26,9	0,075	200
1050	42	12	40	300	12	300	12		52	13,7	5,2	183,7	2,4	85,2	0,075	200
1200	48	6	20	300	12	300	12		64	17,0	4	140	1,1	38	0,106	140
1200	48	12	40	300	12	300	12		112	29,6	7,2	253	3,4	119	0,106	140
1200	48	6	20	300	12	300	12		32	8,5	4	140	1,1	38	0,075	200
1200	48	12	40	300	12	300	12		68	18,0	7,2	253	3,4	119	0,075	200
1500	60	6	20	375	15	375	15		84	22,2	6,6	234	1,7	59	0,106	140
1500	60	12	40	375	15	375	15		176	46,5	11	389	5,2	185	0,106	140
1500	60	6	20	375	15	375	15		42	11,1	6,6	234	1,7	59	0,075	200
1500	60	12	40	375	15	375	15		88	23,2	11	389	5,2	185	0,075	200

Note : Contact your Soleno representative to obtain the properties of the units with diameters not shown in this table.
 Values in the table are approximate and may change without notice.

OPTION : Custom riser height
 Adjustable cast iron frame and cover