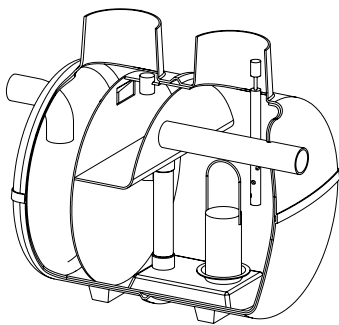


100 and 200 Series, Class 1

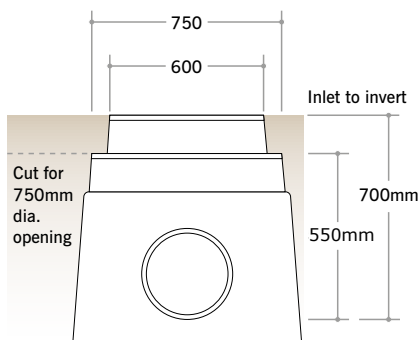
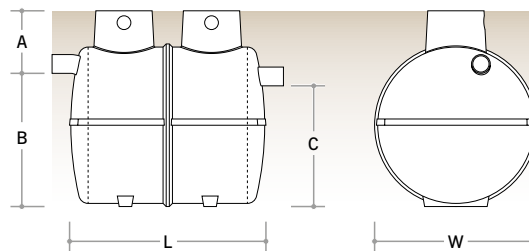
Compliant to the European Standard BS EN 858-1 and the Construction Products Regulations

Model	Nominal size (NSB)		Catchment area (m ²)	Oil storage (litres)	Silt storage (litres)	Length (mm)	Diameter (mm)	Inlet Invert (mm)	Base to inlet (mm)	Base to outlet	Max in/out pipe diameter (mm) for orientation			Number of access shafts Diameter (mm)	
	Flow (l/s)	Peak Flow (l/s)									NSB x 15	NSB x 100	L	W	A
103 C1/SC	3	30	1667	45	300	1550	1300	500	1015	965	160	160	2	-	-
204 C1/SC	4	40	2222	60	400	1860	1225	550/700*	1350	1300	300	300	-	1	-
206 C1/SC	6	60	3333	90	600	2120	1225	550/700*	1350	1300	300	300	-	1	-
208 C1/SC	8	80	4444	120	800	2270	1225	550/700*	1350	1300	300	300	-	1	-
210 C1/SC	10	100	5556	150	1000	2920	1225	550/700*	1350	1300	300	300	-	1	-
212 C1/SC	12	120	6667	180	1200	3570	1225	550/700*	1350	1300	300	300	-	1	-
215 C1/SC	15	150	8333	225	1500	4237	1225	550/700*	1350	1300	300	300	-	1	-

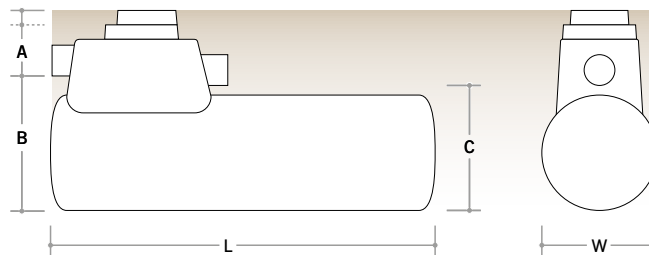
* 200 Series Stormceptors® have a dual size access shaft. For units that will collect silt we recommend using the 750mm diameter access which provides enough room for the silt removal hose to be lowered into the tank during maintenance. The value of 'A' here is 550mm for the 750mm diameter access and 700mm for the 600mm diameter access.



100 Series



200 Series



Dual access shaft openings

For access to desludge primary chamber, cut to 750mm dia. access shaft opening. Where a silt trap is incorporated upstream or silt build up will not occur 600mm diameter access shaft may be adequate.

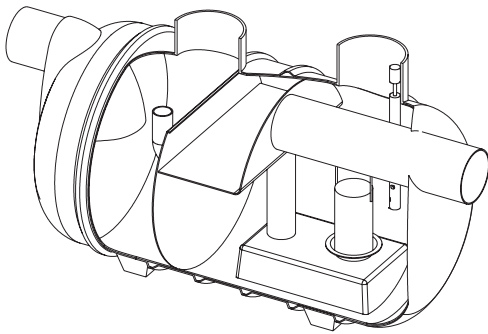
Refer to 4.5 for more comprehensive data including installation.

4.3 SPEL Stormceptor® By-Pass Separators

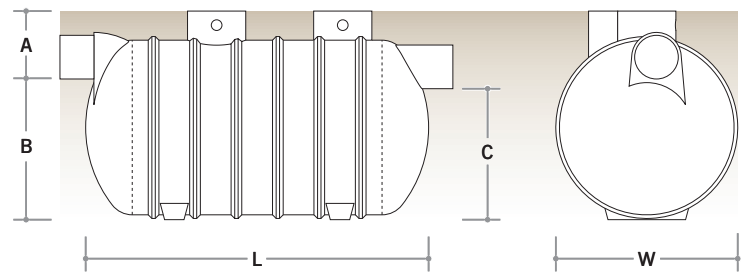
300 and 400 Series, class 1

Compliant to the European Standard BS EN 858-1 and the Construction Products Regulations

Model	Nominal size (NSB)		Catchment area (m ²)	Oil storage (litres)	Silt storage (litres)	Length (mm)	Diameter (mm)	Inlet Invert (mm)	Base to inlet (mm)	Base to outlet	Max in/out pipe diameter (mm) for orientation		Number of access shafts Diameter (mm)			
	Flow (l/s)	Peak Flow (l/s)									NSB x 15	NSB x 100	A-C	D-I	450	600
320 C1/SC	20	200	11111	300	2000	3200	1875	700	1450	1350	450	600	-	2	-	-
325 C1/SC	25	250	13889	375	2500	3540	1875	700	1450	1350	450	600	-	2	-	-
330 C1/SC	30	300	16667	450	3000	4420	1875	700	1450	1350	450	600	-	-	1	1
340 C1/SC	40	400	22222	600	4000	5760	1875	740	1410	1310	450	600	-	1	1	-
345 C1/SC	45	450	25000	675	4500	6570	1875	740	1410	1310	450	600	-	1	1	-
350 C1/SC	50	500	27778	750	5000	7060	1875	740	1410	1310	450	600	-	1	1	-

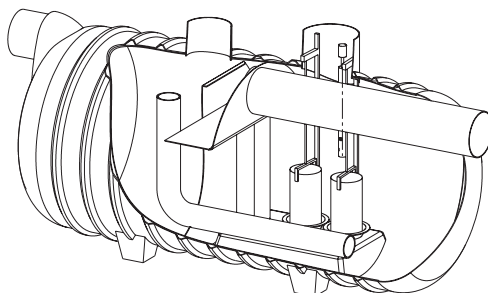


300 Series

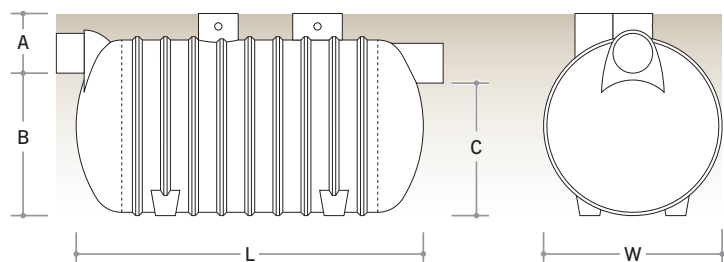


Model	Nominal size (NSB)		Catchment area (m ²)	Oil storage (litres)	Silt storage (litres)	Length (mm)	Diameter (mm)	Inlet Invert (mm)	Base to inlet (mm)	Base to outlet	Max in/out pipe diameter (mm) for orientation		Number of access shafts Diameter (mm)			
	Flow (l/s)	Peak Flow (l/s)									NSB x 15	NSB x 100	L	W	A	B
460 C1/SC	60	600	33333	900	6000	4400	2700	950	2100	2000	600	750	-	1	-	1
470 C1/SC	70	700	38889	1050	7000	5250	2700	950	2100	2000	600	750	-	1	-	1
480 C1/SC	80	800	44444	1200	8000	6170	2700	950	2100	2000	600	750	-	1	-	1
4100 C1/SC	100	1000	55556	1500	10000	7400	2700	1100	1950	1850	750	900	-	1	-	1
4125 C1/SC	125	1250	69444	1875	12500	9050	2700	1100	1950	1850	750	900	-	1	-	1
4150 C1/SC	150	1500	83333	2250	15000	9950	2700	1100	1950	1850	750	900	-	-	-	2
4160 C1/SC	160	1600	88889	2400	16000	11830	2700	1250	1800	1700	750	900	-	1	1	1

400 Series – models without silt capacity are available if required – details on application.



400 Series



500 and 600 Series, class 1

Compliant to the European Standard BS EN 858-1 and the Construction Products Regulations

These Stormceptors® are individually designed in accordance with specific site requirements according to catchment area, class, silt capacity, inlet/outlet connection size and orientation. The following is an approximate guide to the range of models available. Please contact our technical department for your specific requirements.

Model	Nominal size (NSB)		Catchment area hectares	Oil storage (litres)		Silt storage (litres)	Length (mm) L	Diameter (mm)		Inlet Invert (mm) A	Base to inlet (mm) B	Base to outlet (mm) C	Max in/out pipe diameter (mm) for orientation	
	Flow (l/s)	Peak Flow (l/s)		NSB x 15	NSB x 100			W	A-C				D-I	
5180 C1/SC	180	1800	10	2700	18000	7470	3650	1185	2690	2550	900	900		
5200 C1/SC	200	2000	11.1	3000	20000	8530	3650	1185	2690	2355	1200	1200		
5250 C1/SC	250	2500	13.9	3750	25000	10040	3650	1185	2690	2355	1200	1200		
6300 C1/SC	300	3000	16.7	4500	30000	10310	4150	1325	2850	2675	1200	1200		
6350 C1/SC	350	3500	19.4	5250	35000	11470	4150	1325	2850	2675	1200	1200		
6400 C1/SC	400	4000	22.2	6000	40000	12690	4150	1325	2850	2675	1200	1200		
6500 C1/SC	500	5000	27.8	7500	50000	15870	4150	1325	2850	2675	1200	1200		
6600 C1/SC	600	6000	33.3	9000	60000	18260	4150	1325	2850	2675	1200	1200		
6700 C1/SC	700	7000	38.9	10500	70000	22250	4150	1325	2850	2675	1200	1200		
6500 C1	500	5000	27.8	7500	Nil	11910	4150	1325	2850	2675	1200	1200		
6600 C1	600	6000	33.3	9000	Nil	13510	4150	1325	2850	2675	1200	1200		
6700 C1	700	7000	38.9	10500	Nil	16650	4150	1325	2850	2675	1200	1200		
6750 C1	750	7500	41.7	11250	Nil	18260	4150	1325	2850	2675	1200	1200		
6800 C1	800	8000	44.4	12000	Nil	19890	4150	1325	2850	2675	1200	1200		

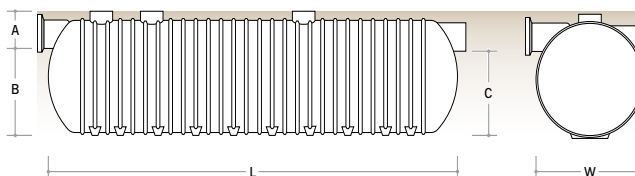
Pipe size and orientation designed to suit site pipework and class 1.

Series 500

Inside diameter 3500mm, outside diameter 3650mm.

Series 600

Inside diameter 4000mm, outside diameter 4150mm.



Features

Filament wound shells are lightweight but have great strength and durability.

Life expectancy in excess of fifty years.

Smooth, high gloss, corrosion resistant, resin-rich internal surface.

External 'flow coat' water penetration barrier.

25 year warranty.

Stainless steel coalescer units (class 1 separators) with durable high volume reticulated foam inserts for long life and long term efficiency.

SPEL automatic alarm/monitoring system

This is to indicate when separator requires emptying or SPEL Tankstor® with Econoskim®, See section 3.

Optional extras

SPEL coalescer unit guide rail system. See 3.7.

SPEL coalescer unit lifting/locating/locking system with lifting chains. See 3.7.

SPEL Econoskim® light liquid skimming and separator containment system. Manual or automatic systems which save conventional emptying costs by 90%. Section 7.

SPEL pollution monitoring and containment systems. Section 8.

SPEL mechanical anchoring systems. See 13.11/13.12.

GRP non slip ladder/s with stainless steel fixings.

Regulation/specification compliance as appropriate

European Standard

Compliant to BS EN 858-1 and the Construction Products Regulations.

Underground tanks of glass reinforced plastics (GRP) BS EN 976-1 : 1997.

British Standard

Specification for design and construction of vessels and tanks in reinforced plastics BS EN 13121.

Materials to BS 3532, BS 3691 and or BS 2782 or equivalent standards.