

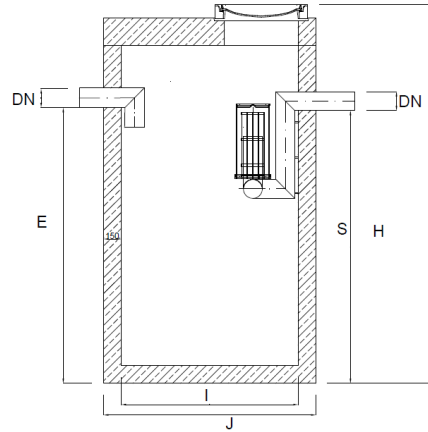
Coalescence separator class I in compliance with PN EN 858 integrated with a sedimentation basin

Type: **BIOSEP-OC**

Material: **REINFORCED CONCRETE**

DESCRIPTION

- Separators in compliance with PN-EN 858-1:2005 + PN-EN 858-2:2003
- Coalescent filter and automatic closure
- Body of the tank made of reinforced concrete class min. C45/55
- Sulfate-resistant concrete
- Concrete absorbability: < 5%
- Concrete tightness: W10
- Freeze thaw resistance F 150
- Separators are equipped with cast-iron hatches cl. C250 or D400
- Optional equipment: hydrocarbon and sediments alarm, superstructure



Model	Flow Qnom [l/s]	Basin capacity [l]	Outside diameter J [mm]	Inside diameter I [mm]	Inlet slot height E [mm]	Outlet slot height S [mm]	Total height H [mm]	Inlet slot diameter DN [mm]	Separator active capacity [l]	Weight of the heaviest el. (approx) [t]
BIOSEP-OC										
PN-EN 858-2 NS*100s - sewage with small amount of sludge e.g. roofed petrol stations										
3/300	3	300	1300	1000	940	910	1650	160	600	2,10
6/600	6	600	1300	1000	1640	1610	2350	160	1150	3,00
8/800	8	800	1500	1200	1500	1470	2250	200	1490	3,40
10/1000	10	1000	1500	1200	1900	1870	2650	200	1945	3,95
15/1500	15	1500	1800	1500	2100	2070	2850	200	3400	5,45
20/2000	20	2000	2300	2000	1600	1570	2350	200	4460	6,40
25/2500	25	2500	2300	2000	1600	1570	2350	200	4500	6,40
30/3000	30	3000	2300	2000	1985	1955	2850	315	5700	8,00
40/4000	40	4000	2800	2500	1985	1955	2850	315	8860	8,00
50/5000	50	5000	2800	2500	1985	1955	2850	315	9000	8,00
60/6000	60	6000	2800	2500	2485	2455	3350	315	11310	9,25
PN-EN 858-2 NS*200s - sewage with medium amount of sludge e.g. hand carwashes, wastewater from garages, parking lots, non-roofed petrol stations										
3/600	3	600	1300	1000	1340	1310	2050	160	910	2,55
6/1200	6	1200	1500	1200	1640	1610	2350	160	1650	3,55
8/1600	8	1600	1800	1500	1600	1570	2350	200	2510	4,50
10/2000	10	2000	1800	1500	2100	2070	2850	200	3400	5,45
15/3000	15	3000	2300	2000	1600	1570	2350	200	4460	6,40
20/4000	20	4000	2300	2000	2100	2070	2850	200	6030	8,00
25/5000	25	5000	2800	2500	1600	1570	2350	200	6970	6,90
30/6000	30	6000	2800	2500	1985	1955	2850	315	8860	8,00
40/8000	40	8000	2800	2500	2485	2455	3350	315	11315	9,25
PN-EN 858-2 NS*300s - sewage with big amount of sludge e.g. automated car wash, yards for washing trucks and heavy equipment										
3/900	3	900	1500	1200	1140	1110	1850	160	1085	2,90
6/1800	6	1800	1800	1500	1640	1610	2350	160	2580	4,50
8/2500	8	2500	1800	1500	2100	2070	2850	200	3400	5,45
10/3000	10	3000	2300	2000	1600	1570	2350	200	4460	6,40
15/4500	15	4500	2300	2000	2100	2070	2850	200	6030	8,00
20/6000	20	6000	2800	2500	2100	2070	2850	200	9420	8,00

Other dimensions and flows can be acquired if arranged beforehand. Please contact our office if you need technical documentation.

Bearing in mind the constant quality improvement of our products, Biocent reserves the right to alter the dimensions of the products as well as adapting them to the installation conditions.



OPTIONAL ACCESSORIES

Dedicated extension risers, height 250 – 2000 mm	Overflow and contaminant level alarm	DN 65 drain installation	Sealed manhole cover for BKP tiling for traps installed under the floor
			

OPERATION

The frequency of emptying the trap depends on the flow rate of influent wastewater.
 The tank chamber must be regularly emptied at least 2 times a year or when signalled by the alarm device.
 After the tank has been emptied, the trap must be re-filled with water.

OPERATION

If the trap bodies consist of at least two components, the components must be joined with a bentonite cord/resin mortar or elastomer sealing.