

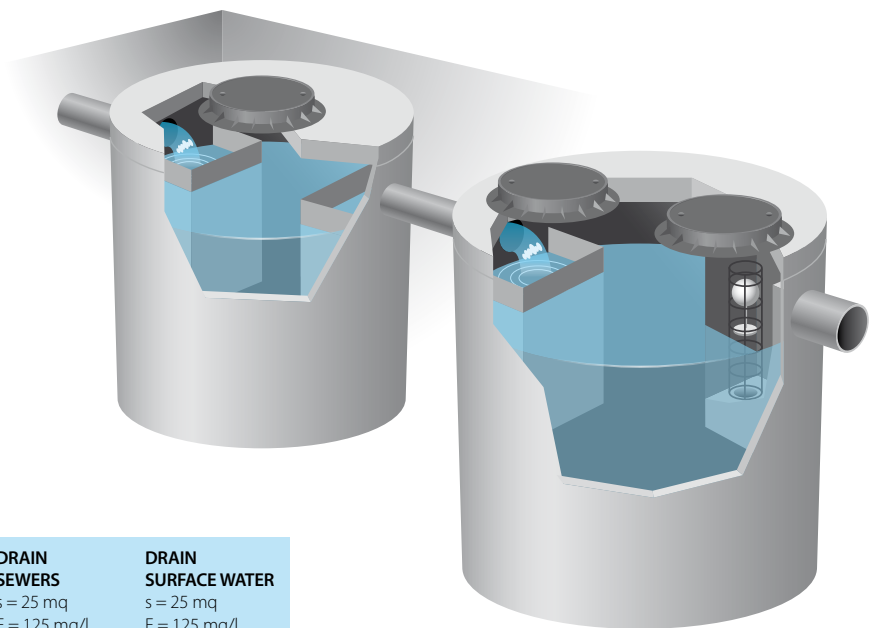
# Prefabricated plants for the treatment of rainwater and first rainwater

## Series DSO/C Mineral oil separators for service stations, garages, car parks, junk yards.

In compliance  
with UNI EN 858 branded **CE**

### Technical specifications

Supply of a separation unit type EMS WATER TECHNOLOGY series DSO/C, dimensioned according to the prescriptions of the EN 858-1, regulations, class 1, branded CE, prefabricated for the treatment of water coming from service stations, car parks and/or junk yards, garages, made of highly resistant reinforced concrete, divided into two tanks: a sand separation tank and an oil separation tank, complete with stainless steel deflectors, coalescence filter, discharge device equipped with floating shutter, cover slab suitable for car passage and manholes for inspection with cast iron D 400 cover.



DESIGN DATA:	DRAIN SEWERS	DRAIN SURFACE WATER
Surface for cars	s = 25 mq	s = 25 mq
Max inlet mineral oils pollution	E = 125 mg/l	E = 125 mg/l
Purification efficiency	n = 92%	n = 97%
Max outlet mineral oils pollution	D = 10 mg/l	D = 5 mg/l

DESCRIPTION	MEASURE UNIT	DSO/C NG 4	DSO/C NG 6	DSO/C NG 8	DSO/C NG 10	DSO/C NG 15	DSO/C NG 20	DSO/C NG 30	DSO/C NG 40	DSO/C NG 50
Nominal flow	l/s	4,00	6,00	8,00	10,00	15,00	20,00	30,00	40,00	50,00
Max parked cars	N.	8	12	16	18-20	28	36	56	72	92
Sand separator volume	l	1000	2000	3000	4000	5400	6000	6800	7000	8100
Oil separator volume	l	900	1900	1900	1900	3700	3700	5300	6400	8000
Oil storage volume	l	150	235	235	235	600	600	750	1300	1600
<b>Sand separator dimensions</b>		(*)								
- Diameter	cm	-	160	162	162	220	220	220	250	250
- Height	cm	-	175	220	270	230	280	280	235	285
<b>Oil separator volume</b>		(*)								
- Diameter	cm	160	160	160	160	220	220	220	250	250
- Height	cm	175	175	175	175	180	180	230	235	285
Inlet outlet pipes dimensions	mm	160	160	160	160	200	200	250	300	300
Inlet height	cm	41	39	39	39	50	50	55	60	65
Outlet height	cm	43	43	43	43	54	54	59	64	70
Total weight	q.li	30	60	58	63	120	130	138	166	210
Heaviest piece weight	q.li	22	22	22	22	30	30	30	60	80

(\*) Version included into a monobloc tank.

The values stated are just for information. EMS WATER TECHNOLOGY retains the right to change them at any time.