

## DISC NG SERIES - REINFORCED CONCRETE

Mineral oil and hydrocarbon separator - 5 mg/l

suitable for covered and uncovered areas

Used with silting tank type DEFC is suitable for:

car washes with massive presence of sedimentable solids, fuel distribution areas

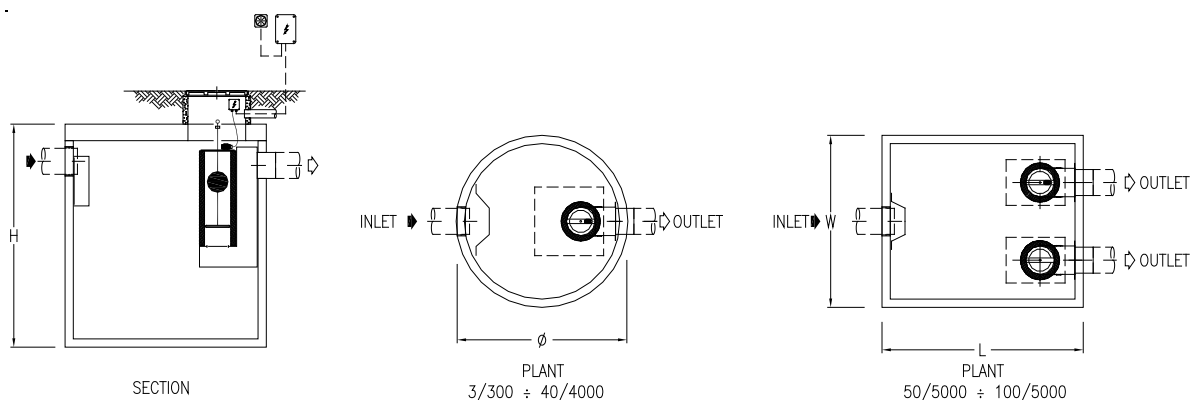


EN 858 - 1

### TECHNICAL DESCRIPTION

Mineral oil and hydrocarbon separator in reinforced and vibrated concrete, internally painted. The separator is equipped with inlet and outlet connectors, and one or two coalescent internal filters. An automatic closing device with a float prevents hydrocarbon from discharging at the outlet.

Separated cover until the model DISC 40/4000



### TECHNICAL ADVANTAGES

- Design according to the EN 858-1 standard and CE marking, to respect the legislation in force.
- Manufactured in reinforced and vibrated concrete Rck with a resistance upper than 400 kg/cmq.
- Dimensioned for a 5000 Kg /m<sup>2</sup> distributed load (Truck passage cover)
- Manhole covers in ductile cast iron class D400 according to EN 124 standard
- Internal parts in AISI 304
- Residual content lower than 5 mg/l for hydrocarbons density 0,85 (according to EN 858-1 standard).
- Output of the separator: 99,88%

### DIMENSIONAL SPECIFICATIONS

REFERENCE	UNIT OF MEAS.	DISC 3/300	DISC 6/600	DISC 10/1000	DISC 15/1500	DISC 20/2000	DISC 30/3000	DISC 40/4000	DISC 50/5000	DISC 65/5000	DISC 80/5000	DISC 100/5000
Treated flow	lt/sec	3	6	10	15	20	30	40	50	65	80	100
Surface drainage (Pluvial index: 150 l/sec * ha)	m <sup>2</sup>	200	400	700	1.000	1.400	2.000	2.700	3.400	4.400	5.400	6.700
Sludge trap volume	lt	300	600	1.000	1.500	2.000	3.000	4.000	5.000	5.000	5.000	5.000
Separator volume	lt	1.201	1.431	1.614	1.476	2.360	3.229	4.015	5.069	5.516	6.811	8.994
Hydrocarbon retention vol.	lt	353	353	353	567	831	1.038	1.246	1.704	2.037	2.444	3.402
Diameter (Ø) / Length (L)	cm	164	164	164	204	250	250	250	325	408	408	560
Width	cm	/	/	/	/	/	/	/	240	230	230	230
Height (H)	cm	165	195	228	200	200	250	298	250	230	250	230
Weight	kg	2.360	2.400	2.760	4.230	6.760	7.660	8.760	13.500	15.500	17.500	20.000
Inlet height (T1)	cm	45	45	45	60	60	60	60	70	70	70	70
Outlet height (T2)	cm	50	50	50	65	65	65	65	75	75	75	75
Inlet pipe Ø	mm	1 x 200	1 x 200	1 x 200	1 x 200	1 x 315	1 x 315	1 x 315	1 x 400	1 x 400	1 x 400	1 x 400
Outlet pipe Ø	mm	1 x 200	1 x 200	1 x 200	1 x 200	1 x 315	1 x 315	1 x 315	2 x 315	2 x 315	2 x 315	2 x 315

#### Important:

To be installed underground and out of hydromorphic ground. A regular maintenance according EN 852-2 standard and NF P 16 442 November 2007 is necessary.

The extension shaft(s) system and cover(s) are not supplied.

Please gain knowledge about the installation instructions of hydrocarbon steel separators.