

OIL SEPARATOR

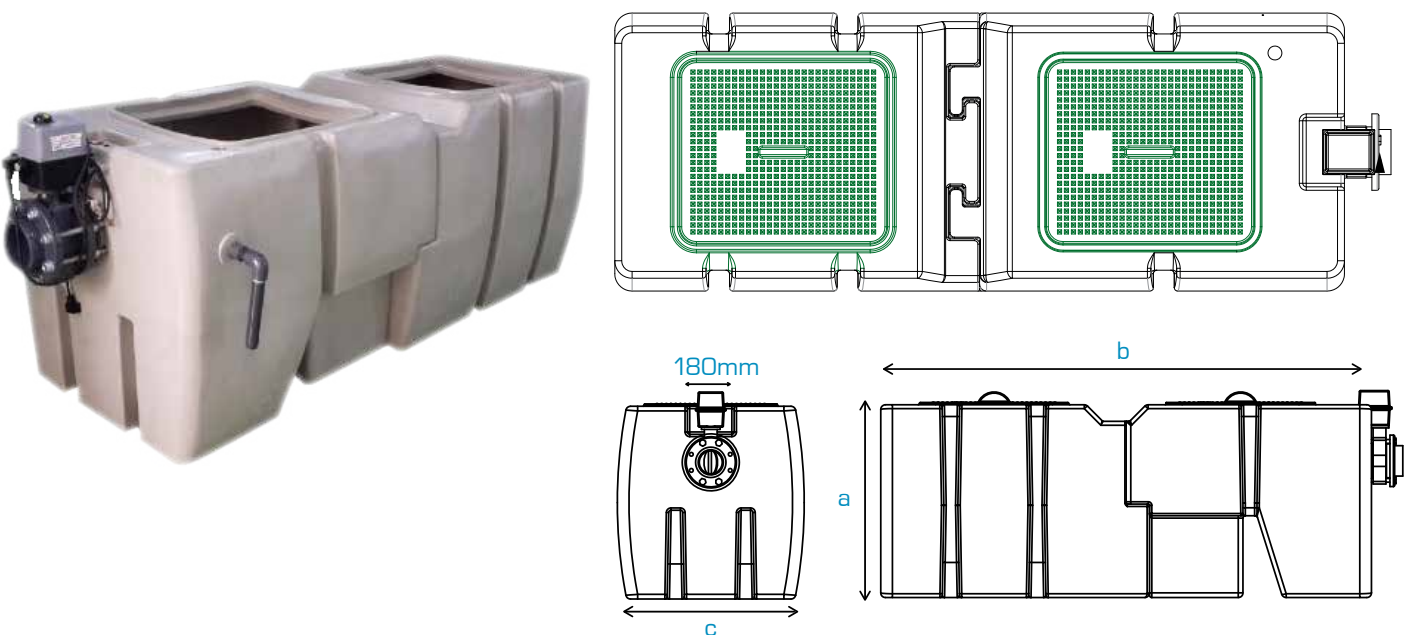
SYSTEM SUMMARY

NDG's Oil Separator can be used to separate oil-derivate carbohydrates such as fuel oil, diesel and lubricant oils, as well as washed-up oils from parking lots, petrol stations, oil mills and other light industries. The oil mixed effluent enters the first compartment through a dip-pipe to help separate any solid impurities from the oil mixed effluent. This operation helps the effluent stay in the emulsion stage. Then the effluent passes to the second compartment, where the opening of the pipe is located under a honeycomb-shaped plastic mesh. This mesh reduces the velocity of the incoming effluent flow, helping the separation to take place. Because of the difference in density between oil and water, the oil floats to the surface, and the water remains at the bottom. When the oil level reaches the outlet opening, it is then collected for discharge.

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TECHNICAL DESCRIPTION

Material	Installation	Power Supply	Holding Capacity	Treatment Capacity	No. of Tanks	a (m)	b (m)	c (m)
Polyethylene	Above /Underground	220 V, 15 W	1.5 m ³	3 l/s 260 m ³ /day	2	0.825	2.1	0.8





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