

OIL SEPARATOR – OT



Oil separators complete the complex range of water management products of the AQUAFLOT company. They materialize long-term experiences with designing and production of plastic products intended for water treatment. They are intended for food facilities, restaurants, cafeterias, bakeries and so on. Separators are made in two versions:

- cylindrical with the flat bottom (V)
- oval with the flat bottom (O) – it is made of the system of circular segments. It is a patented solution of the AQUAFLOT company, which was applied for the first time in the design of the SOLAP petroleum substance separators. This design allows achieving the high rigidity of the structure with simultaneous minimum weight of the separator body

The basic range includes oil separators OT2 – OT10 with the output of 2 – 10 litres/sec. If needed it is also possible to design and produce a device with a higher output.

Principle of the device operation:

- separation of solid pollutants, which are heavier than water, in the sludge tank
- concentration of separated oil on the level in the settling tank and on the level behind the floating barrage

Installation of the separator:

The separator is intended to be installed into a sewer pipe between the point of waste water production and the point, where is the treated water discharge connected to the public sewerage system.

OT has to be installed in a sufficient distance from the point of waste water production that results in the decrease of temperature of produced waste water and thus increasing the efficiency of elimination of extractable substances.

Basic installation – concrete foundation slab and filling with screened soil. This method is intended for minimum load by surroundings. In heavier operation conditions it is needed to lay concrete around the separator body.

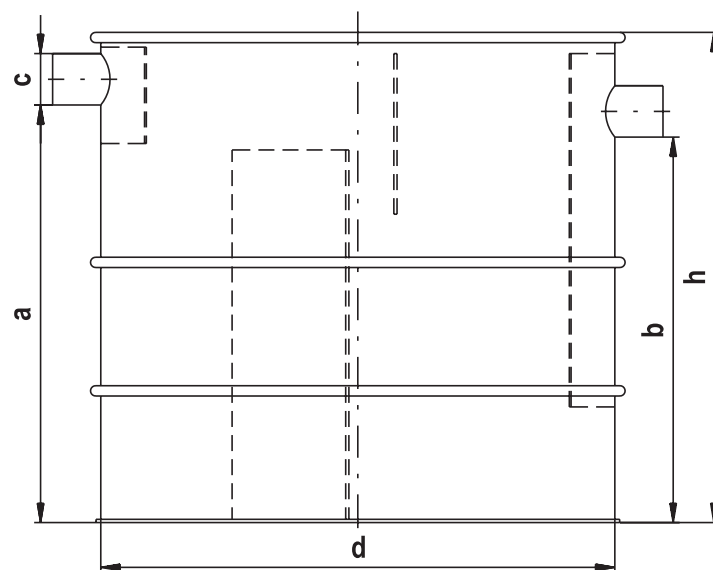
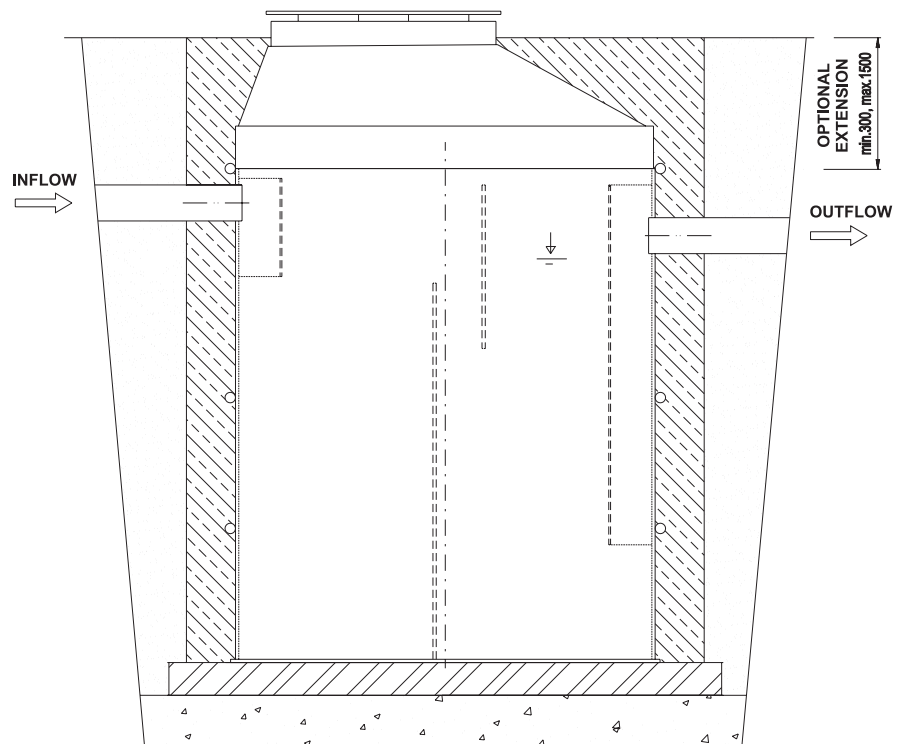
The presented product has been assessed in accordance with § 12, section 3, of the Act No. 264/1999 Coll. and is in conformity with technical requirements of the Regulation No. 158/2004 of the Slovak Republic Ministry of Construction and Regional Development.

To design it the following technical standards – STN EN 858 – 1, STN EN 858 – 2 have been used.

Example of the order:

OT2/V Oil separator – means the oil separator with the output of 2 litres/sec. cylindrical.

Example of application of the oil separator:



Type range – septic tanks

Size version	Output ls ⁻¹	Capacity of meals	d mm	h mm	a mm	b mm	c mm	Weight kg
OT 2	2	200	960	1,526	1,350	1,250	110	43
OT 4	4	400	1,283	1,526	1,350	1,250	110	92
OT 6	6	600	1,601	1,526	1,300	1,200	160	120
OT 8	8	800	1,765	1,531	1,240	1,140	225	184
OT 10	10	1,000	1,924	1,531	1,240	1,140	225	205