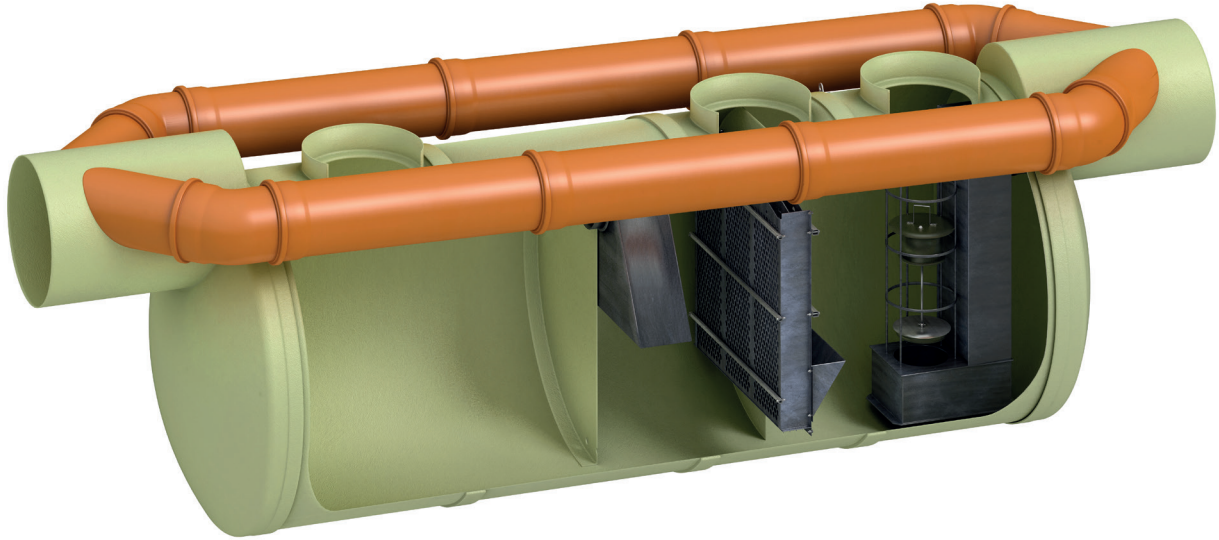


ACO Oleopator – Bypass G-H



ACO Oleopator – Bypass G-H

A horizontal light oil separator with a bypass should be used for cost-effective drainage of large areas such as aircraft aprons and highways. A percentage of the rainwater is passed through the separator system while the rest is passed directly into outflow pipes/sewers via an integrated bypass. Bypass systems have been tested and proved by CFD (Computational Fluid Dynamics) simulation.



Product benefits

- All nominal sizes tested by independent test institute (LGA) - test report
- Optimum accessibility guaranteed for maintenance, cleaning and disposal thanks to removable cage component
- Coalescence insert and closing device can be removed for cleaning without having to empty the separator
- Integrated sludge trap
- Easy-to-clean coalescence unit
- Sampling system can be integrated
- Alarm device - optional accessories
- Option for drainage of large areas in combination with traditional separator technology

Product information

- Complies with standards EN 858 Class I
- Horizontal tank made of glass reinforced plastic - no heavy machinery required, resistant material
- With coalescence unit
- With bypass channel and integrated bypass control
- Inner parts made of PEHD
- Wide range of top sections and covers
- Pipe connection using suitable push sockets or pipe connectors (no welded sockets)

For more detailed information
please contact Customer service
/ Technical support ACO Tábors

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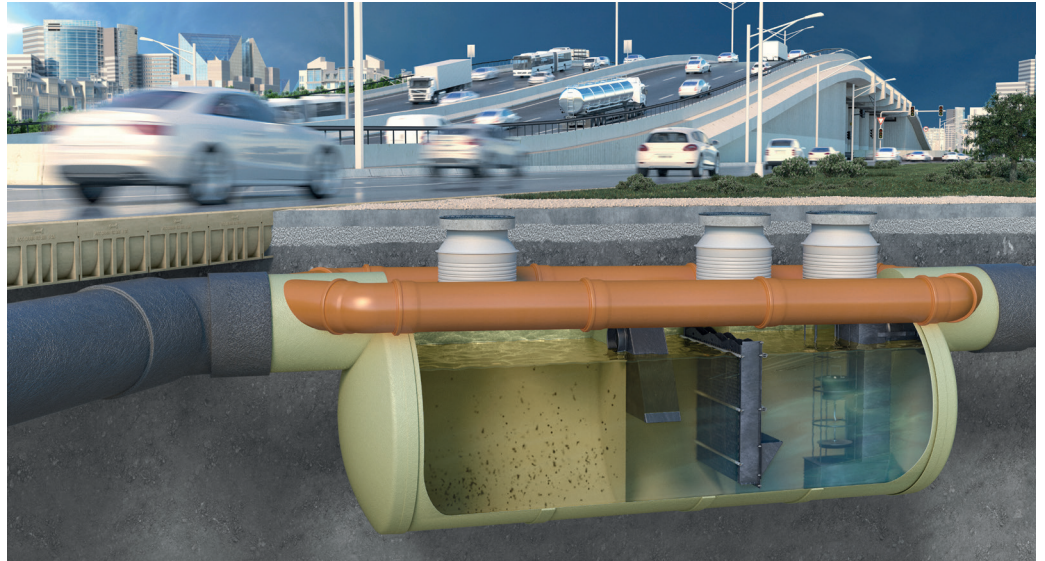


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ACO Oleopator – Bypass G-H

HIGHWAY



LOGISTICS AREA



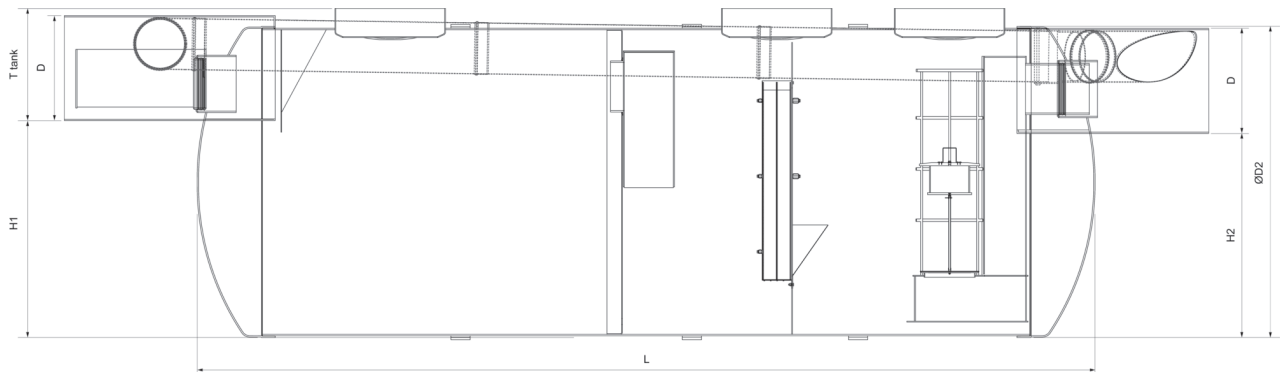
AIRPORT



Technical data

Item	Nominal size NS/NSB	Bypass DN/OD [mm]	Inlet/ Outlet DN/OD [mm]	Sludge trap [l]	Oil storage [l]	Total capacity [l]	Weight [kg]	art.
Oleopator Bypass G-H NS 40/200/4000	40/200	400	600	4000	4750	9152	800	12869.01
Oleopator Bypass G-H NS 40/400/4000	40/400	400	800	4000	4750	9152	890	12870.01
Oleopator Bypass G-H NS 50/250/5000	50/250	400	600	5000	4750	9780	820	12871.01
Oleopator Bypass G-H NS 50/500/5000	50/500	400	800	5000	4750	9780	920	12872.01
Oleopator Bypass G-H NS 65/325/6500	65/325	400	800	6500	4500	18812	1700	12873.01
Oleopator Bypass G-H NS 65/650/6500	65/650	400	800	6500	4500	18812	1830	12874.01
Oleopator Bypass G-H NS 80/400/8000	80/400	500	1000	8000	4500	20294	1860	12875.01
Oleopator Bypass G-H NS 80/800/8000	80/800	500	1000	8000	4500	20294	1980	12876.01
Oleopator Bypass G-H NS 100/500/10000	100/500	500	1000	10000	4500	22817	2000	12877.01
Oleopator Bypass G-H NS 100/1000/10000	100/1000	500	1000	10000	4500	22817	2100	12878.01

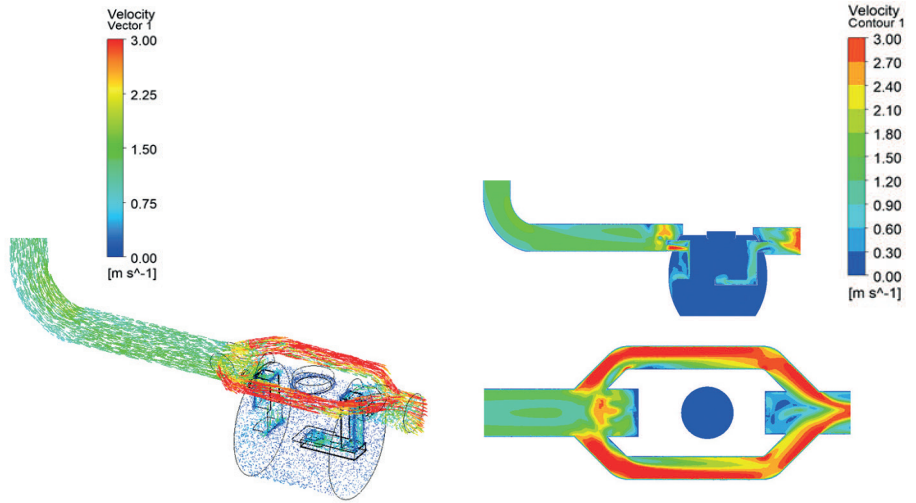
Dimensions



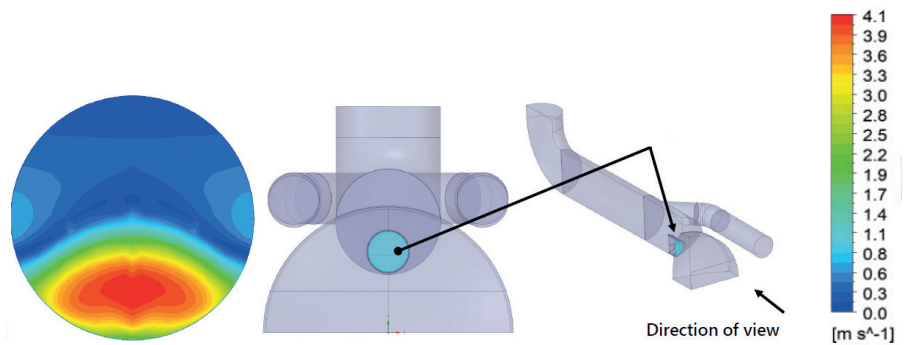
Item	Nominal size NS/NSB	art.	Dimensions							Quantity of Top sections DN600	Quantity of Top sections DN800
			H1 [mm]	H2 [mm]	ØD2 [mm]	T tank [mm]	Length [mm]	ACO Belts*			
Oleopator Bypass G-H NS 40/200/4000	40/200	12869.01	1904	1804	2402	625	4096	4	0	1	
Oleopator Bypass G-H NS 40/400/4000	40/400	12870.01	1904	1804	2402	825	4096	4	0	1	
Oleopator Bypass G-H NS 50/250/5000	50/250	12871.01	1905	1805	2402	624	4846	4	0	1	
Oleopator Bypass G-H NS 50/500/5000	50/500	12872.01	1905	1805	2402	824	4846	4	0	1	
Oleopator Bypass G-H NS 65/325/6500	65/325	12873.01	1728	1628	2402	802	8096	6	2	1	
Oleopator Bypass G-H NS 65/650/6500	65/650	12874.01	1728	1628	2402	829	8096	6	2	1	
Oleopator Bypass G-H NS 80/400/8000	80/400	12875.01	1749	1649	2402	1032	8433	6	2	1	
Oleopator Bypass G-H NS 80/800/8000	80/800	12876.01	1749	1649	2402	1032	8433	6	2	1	
Oleopator Bypass G-H NS 100/500/10000	100/500	12877.01	1749	1649	2402	1030	8953	7	2	1	
Oleopator Bypass G-H NS 100/1000/10000	100/1000	12878.01	1749	1649	2402	1028	8953	7	2	1	

Computational fluid dynamics simulation

Graphic representation of water velocity through separator and integrated bypass system. Views from different planes. Used example: NS 50 with integrated bypass system with a total water flow of 500 l/s.



Graphic representation of water velocity through separator inlet. Views from inlet plane.



Graphic representation of vector velocity through separator bypass system.

