

ACO product catalogue

ACO GRP Light Oil Separators

ACO Oleopator–Bypass-G



**ACO. The future
of drainage.**



Glass Fibre Light Oil Separators Oleopator–Bypass-G



collect:
Collect and
remove



clean:
Pre-clean and
process



hold:
Protect and
attenuate



release:
Pump, discharge and
reuse



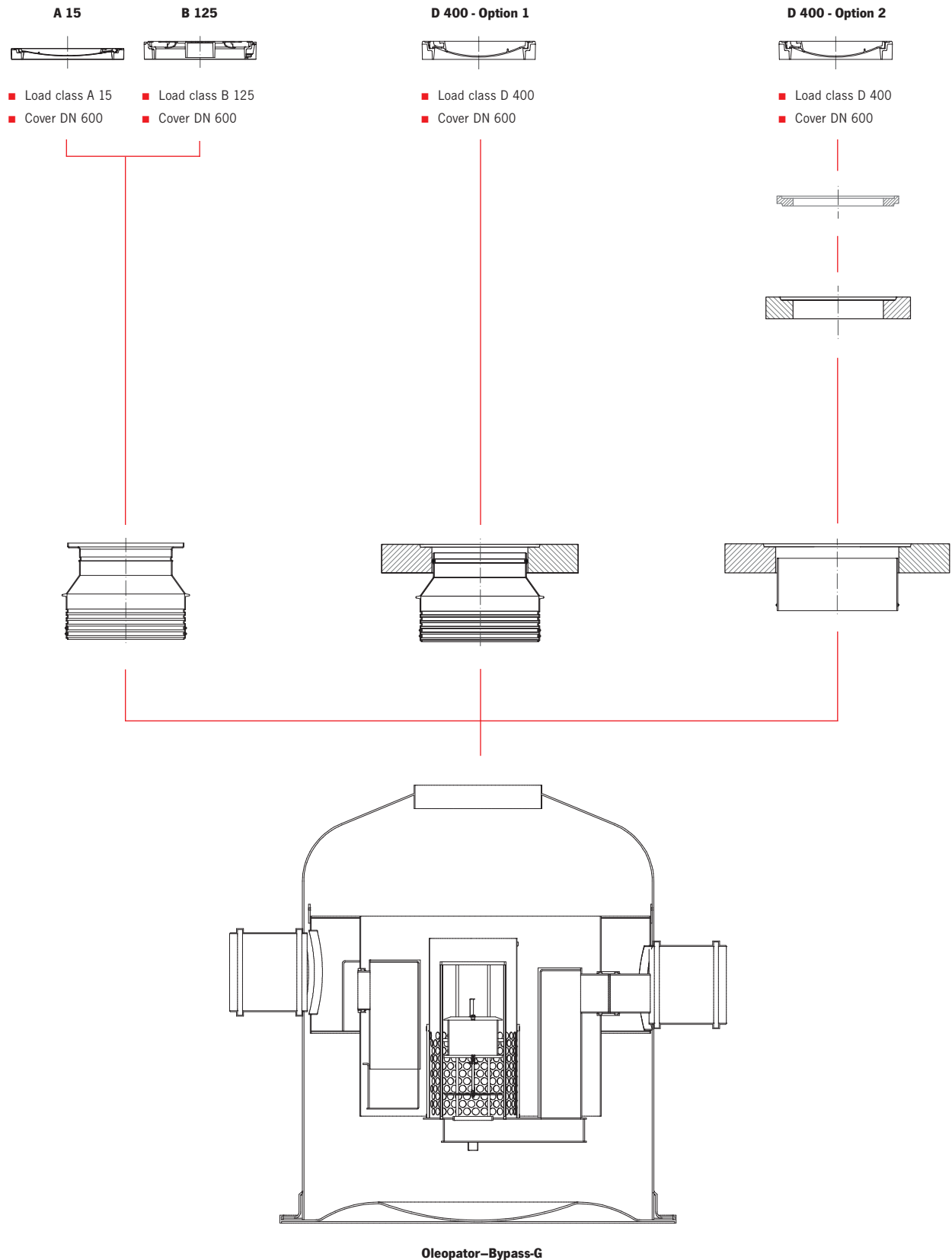
ACO system chain
in action

CONTENT

Assembly concept	4
<hr/>	
Oleopator–Bypass-G	6
<hr/>	
Top sections for Light oil separators	8
<hr/>	
Concrete shaft components	10
<hr/>	

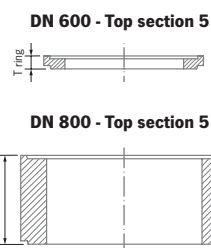
Assembly concept

Assembly parts

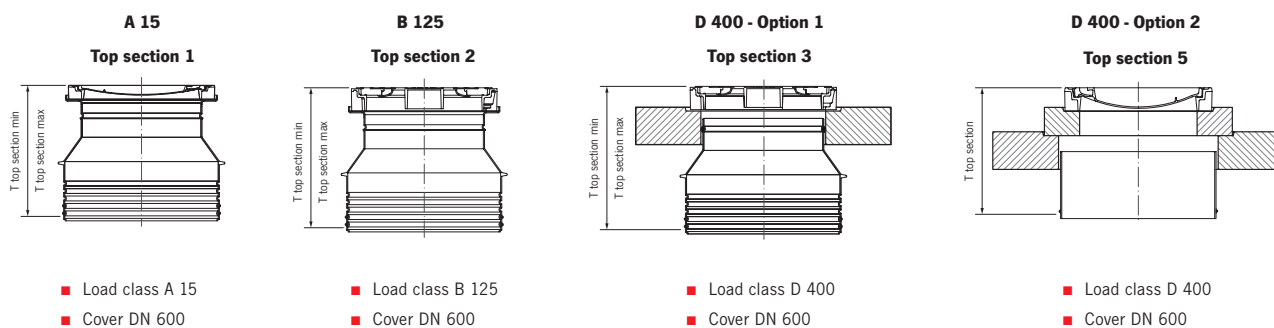


Total height of the access opening of DN 600 shall be max. 600 mm and DN 800 max. 3000 mm (according EN 476). All deeper installation on request.

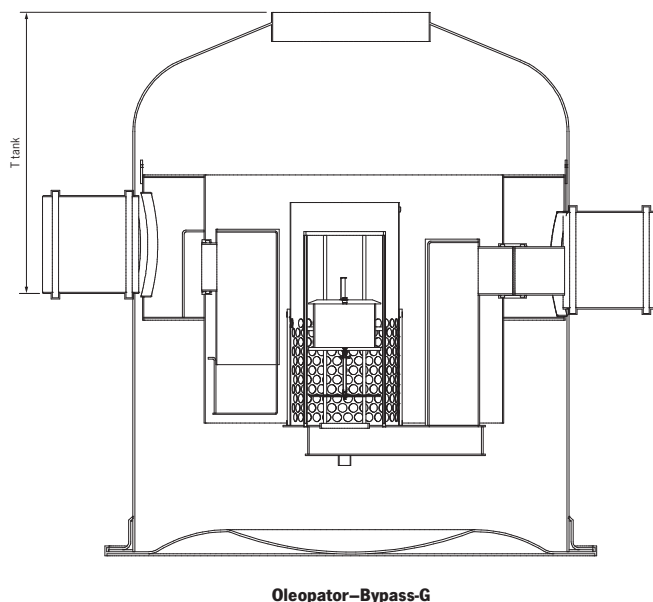
Adjustable rings DN 600 and DN 800



Top sections



Bottom part



Calculation of Installation depth

Top section 1, 2 and 3

- $T_{total} = T_{tank} + T_{top\ section} \text{ (min - max)}$

Top section 5

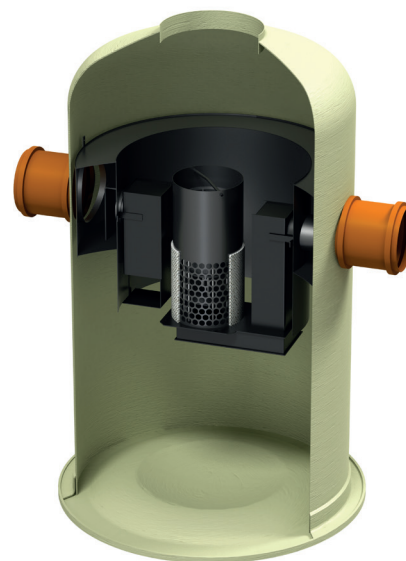
- $T_{total} = T_{tank} + T_{top\ section} + T_{rings}$
- T rings $\leq 3\ 000\ mm$
- T rings DN 600 $\leq 400\ mm$

Oleopator-Bypass-G-FST 6 – 30 with Sludge trap

Product information

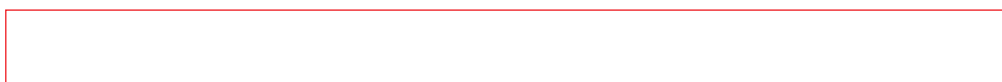
ACO Product benefits
<ul style="list-style-type: none"> ■ Option for drainage of large areas in combination with traditional separator technology ■ All functions integrated in a single tank ■ Takes up little space ■ Integrated connection for sampling device

- Tank made of glass reinforced plastic
- With coalescence insert (filter)
- Pipe connection using suitable push sockets or pipe connectors (no welded sockets)
- With bypass channel and integrated bypass control
- One-piece construction
- Application examples:
 - Parking surfaces
 - Industrial surfaces
- Inner parts made of PEHD

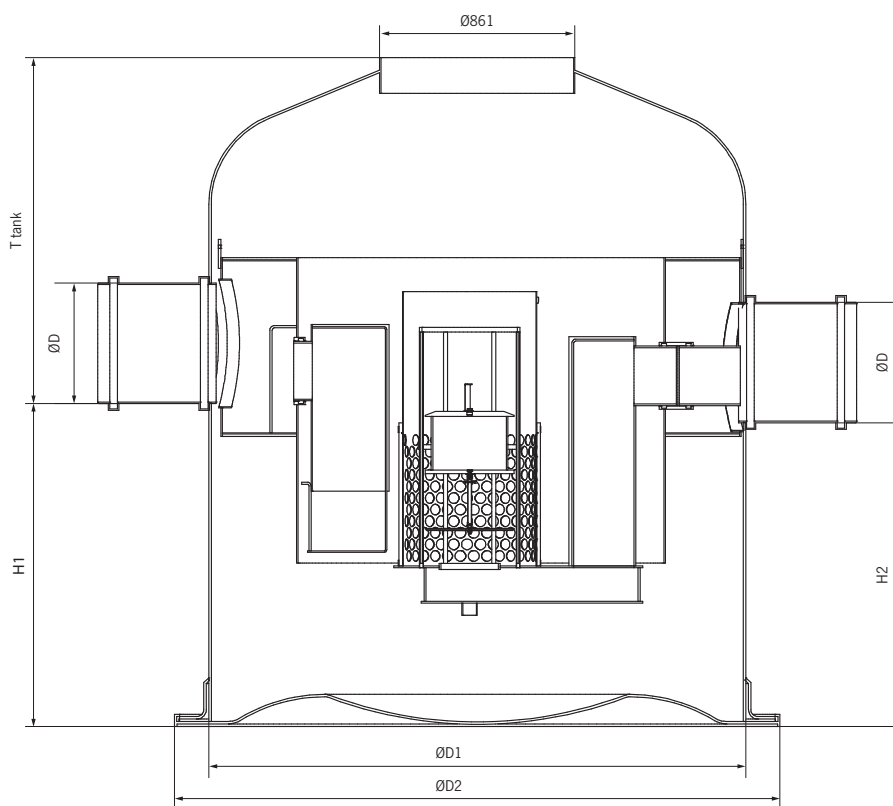


Order information

Nominal size	Inlet/outlet DN/OD [mm]	Max. Flow [l/s]	Contents			Weight [kg]	Item number
			Sludge trap [l]	Oil tank [l]	Overall [l]		
6	300	60	600	171	1370	195	12520.01
6	300	60	1200	171	1990	212	12521.01
6	300	60	1800	171	2440	230	12522.01
8	300	80	800	171	1575	202	12523.01
8	300	80	1600	171	2370	225	12524.01
8	300	80	2400	171	3170	245	12525.01
10	400	100	1000	171	1800	215	12526.01
10	400	100	2000	171	2360	245	12527.01
10	400	100	3000	171	3350	270	12528.01
15	400	150	1500	444	3700	470	12532.01
15	400	150	3000	444	5060	490	12533.01
15	400	150	4500	444	6540	530	12534.01
20	400	200	2000	570	4165	510	12535.01
20	400	200	4000	570	6750	560	12536.01
20	400	200	6000	570	8750	615	12537.01
30	500	300	3000	612	5800	535	12538.01
30	500	300	6000	612	8800	620	12539.01
30	500	300	9000	612	11800	700	12540.01



Dimensions



Nominal size	Item number	Dimension				
		H1 [mm]	H2 [mm]	ØD1 [mm]	ØD2 [mm]	T tank [mm]
6	12520.01	870	770	1500	1720	830
6	12521.01	1220	1120	1500	1720	825
6	12522.01	1570	1470	1500	1720	825
8	12523.01	990	890	1500	1720	825
8	12524.01	1440	1340	1500	1720	825
8	12525.01	1890	1790	1500	1720	825
10	12526.01	1120	1020	1500	1720	1010
10	12527.01	1680	1580	1500	1720	1010
10	12528.01	2240	2140	1500	1720	970
15	12532.01	1070	970	2200	2440	1220
15	12533.01	1435	1335	2200	2440	1215
15	12534.01	1825	1725	2200	2440	1215
20	12535.01	1360	1260	2200	2440	1370
20	12536.01	1890	1790	2200	2440	1370
20	12537.01	2410	2310	2200	2440	1370
30	12538.01	1630	1530	2200	2440	1360
30	12539.01	2420	2320	2200	2440	1360
30	12540.01	3210	3110	2200	2440	1360

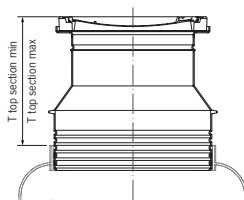
Top sections for Light oil separators

Top section 1 - load class A 15

Order information

ACO Product benefits

- Load class A 15 according to EN 124
- Frame from concrete, cover from cast iron
- Clear opening Ø 600 mm
- Raising tube from polyethylene



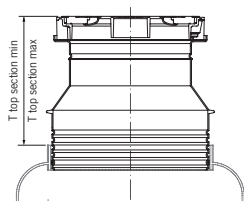
T top section (min-max)* [mm]	Manhole cover [mm]	Weight [kg]	Item number
620-738	Ø 600	94	3301.34.01
738-1188	Ø 600	103	3301.34.02
188-1788	Ø 600	113	3301.34.03

Top section 2 - load class B 125

Order information

ACO Product benefits

- Load class B 125 according to EN 124
- BEGU cover
- Clear opening Ø 600 mm
- Raising tube from polyethylene



T top section (min-max)* [mm]	Manhole cover [mm]	Weight [kg]	Item number
653-773	Ø 600	80	3301.35.01
773-1223	Ø 600	88	3301.35.02
1223-1823	Ø 600	99	3301.35.03

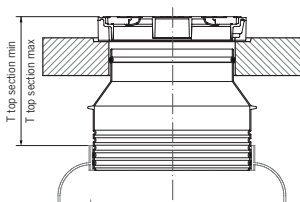
Note*: T tank + T top section (min-max) = T total

Top section 3 - load class D 400 (Option 1)

Order information

ACO Product benefits

- Load class B 125 according to EN 124
- BEGU cover
- Clear opening Ø 600 mm
- Raising tube from polyethylene



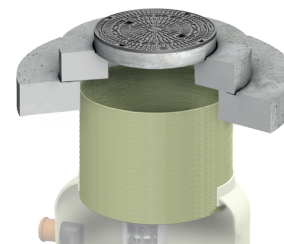
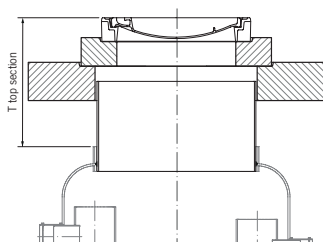
T top section (min-max)* [mm]	Manhole cover [mm]	Weight [kg]	Item number
600-1720 (without load distribution plate)	Ø 600	104	3301.37.00
600-1720 (with load distribution plate)	Ø 600	824	3301.36.00

Top section 5 - load class D 400 (Option 2)

Order information

ACO Product benefits

- Load class D 400 according to EN 124
- BEGU cover
- Clear opening Ø 600 mm
- Selectively with load distribution plate from concrete
- Ø 1500 mm x 200 mm



T top section [mm] (min)**	Manhole cover [mm]	Weight [kg]	Item number
735	Ø 600	434	418909

Note**: T tank + T top section + T rings = T total

Concrete shaft components

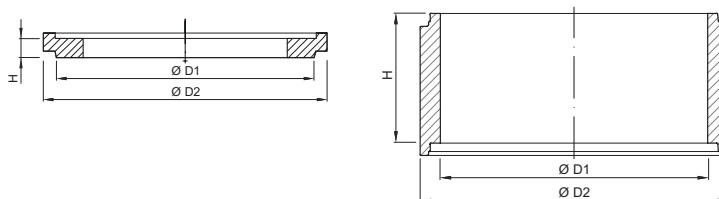
Product information

- To increase and equalise shaft height



Adjustable rings as defined by DIN 4034 Part 1.

Order information



Type	Dimension			Total height including mortar joints [mm]	Weight [kg]	Item number
	H [mm]	D ₁ [mm]	D ₂ [mm]			
625 x 60	60	625	865	70	39	742011
625 x 80	80	625	865	90	51	742012
625 x 100	100	625	865	110	64	742013
625 x 120	120	625	865	130	80	742014
625 x 150	150	625	865	160	96	742070
800 x 100	100	800	1040	110	98	742006
800 x 150	150	800	1040	160	147	742007
800 x 200	200	800	1040	210	196	742008
800 x 400	400	800	1040	410	392	742009
800 x 500	500	800	1040	510	490	742074

Notes

A large grid of graph paper, consisting of 25 columns and 35 rows of small squares, intended for taking notes.

ACO Industries Tábor s.r.o.

Prumyslova 1158
391 01 Sezimovo Usti
Czech Republic

www.aco.com

ACO. The future of drainage.

All reasonable care has been taken in compiling the information in this document. All recommendations and suggestions on the use of ACO products are made without guarantee since the conditions of use are beyond the control of the Company. It is the customer's responsibility to ensure that each product is fit for its intended purpose and that the actual conditions of use are suitable. This brochure and any advice is provided free of charge and accordingly on terms that no liability (including liability for negligence) will attach the Company or its servants or agents arising out of or in connection with or in relation to this brochure or any such advice. Any goods supplied by the Company will be supplied solely upon its standard conditions of sale, copies of which are available on request. The Company's policy of continuous product development and improvement renders specifications liable to modification. Information provided in this brochure is therefore subject to change without prior notification.

ACO GRP separators - Oleopator-Bypass-G /En/05/16/JMa/ Subject to technical changes without notice.