

ACO product catalogue

ACO GRP Sludge Trap G-H



ACO. The future of drainage



Glass Fibre Sludge Trap G-H



collect:
Collect and
remove



clean:
Pre-clean and
process



hold:
Protect and
attenuate



release:
Pump, discharge and
reuse



ACO system chain
in action

CONTENT

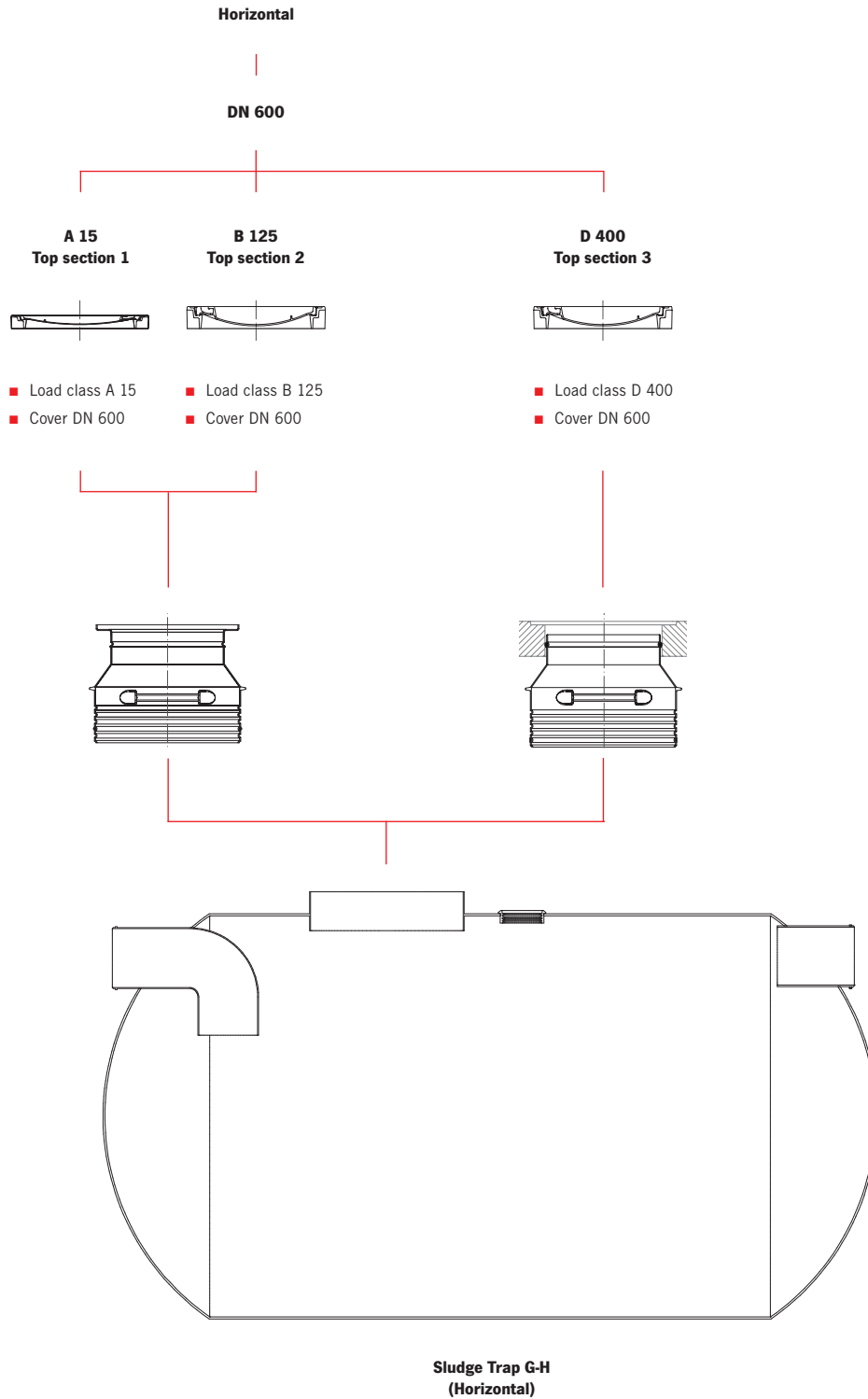
Assembly concept	4
<hr/>	
Sludge Trap G-H	6
<hr/>	
Top sections for Sludge Trap G-H	8
<hr/>	
Accessories for Sludge Trap G-H	10
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Sludge Trap made of glass reinforced plastic

Assembly concept

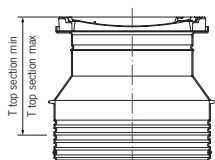
Assembly concept

Assembly parts



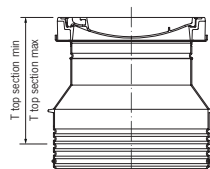
Top sections DN 600

A 15
Top section 1



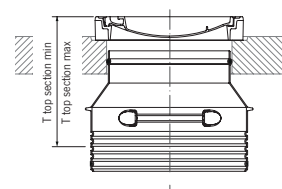
- Load class A 15
- Cover DN 600

B 125
Top section 2



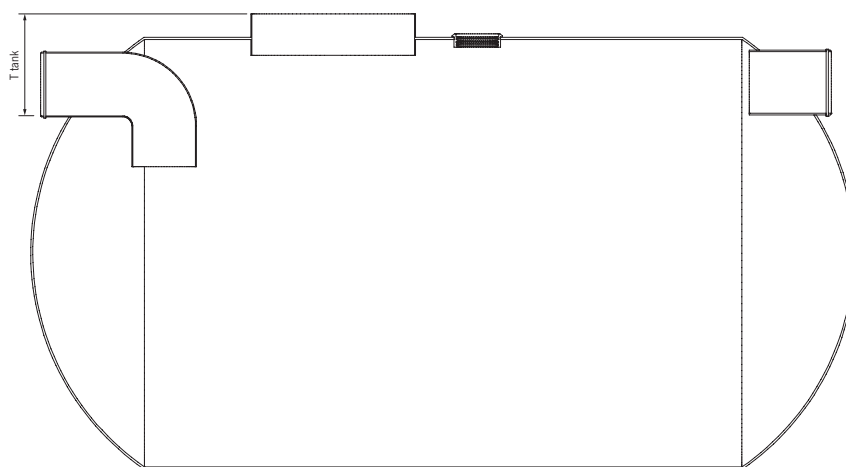
- Load class B 125
- Cover DN 600

D 400
Top section 3



- Load class D 400
- Cover DN 600

Bottom part



Sludge Trap G-H
(Horizontal)

Calculation of Installation depth

Top section 1 - 3

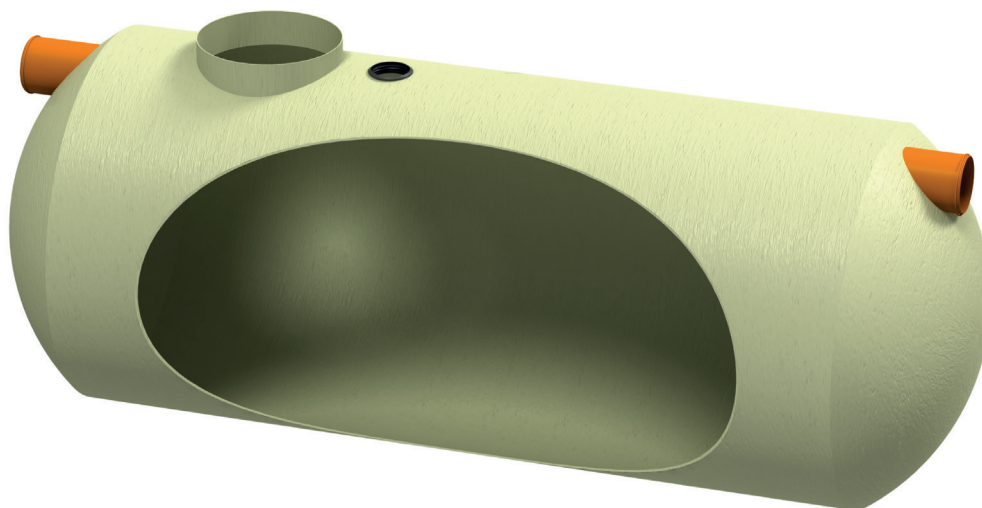
- $T_{total} = T_{tank} + T_{top\ section\ (min - max)}$

Sludge Trap G-H

Product information

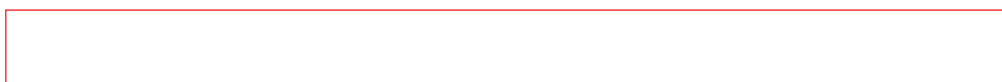
ACO Product benefits
<ul style="list-style-type: none"> ■ Attractive purchase price and running costs ■ Simple to install, requires less space ■ Integrated connection for sampling device

- Tank made of reinforced plastic
- With integrated sludge trap
- One-piece construction
- With integrated connection for sampling
- Forsheda
- Inner parts made of PEHD

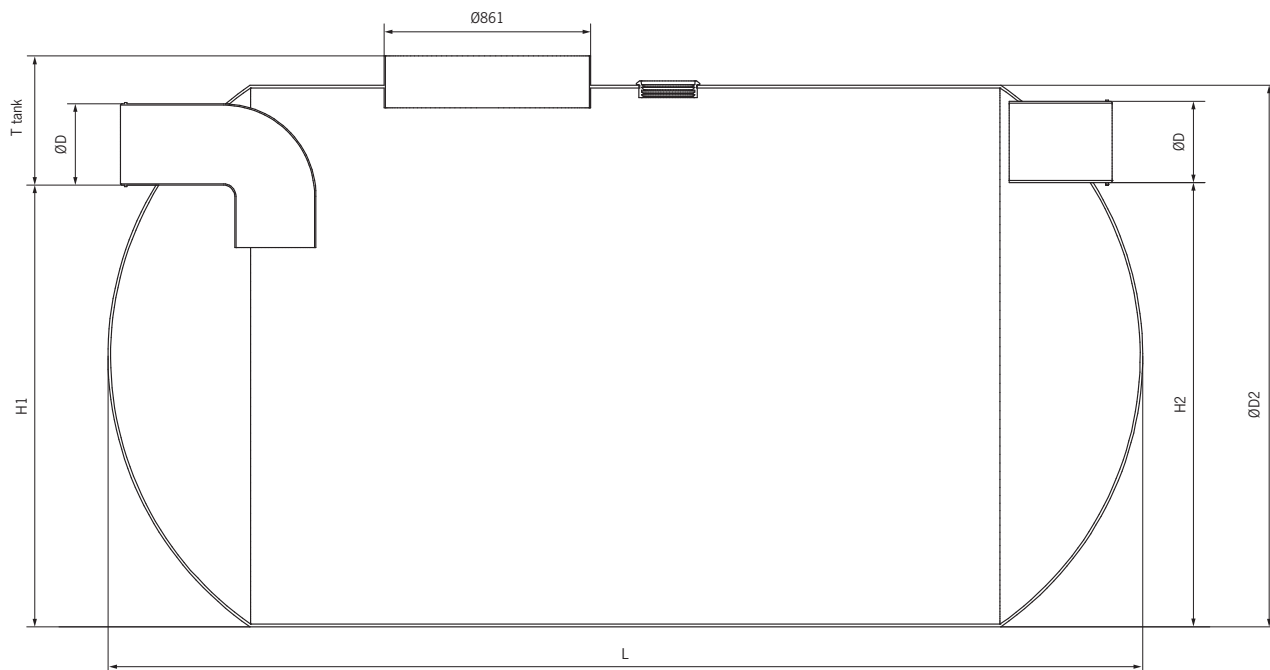


Order information

Volume Sludge trap [l]	Inlet/outlet DN/OD [mm]	Volume Total capacity [l]	Weight [kg]	Item number
3000	200	3034	160	12800.01
6500	200	6559	360	12801.01
10000	250	10001	530	12802.01
15000	250	15003	800	12803.01
20000	315	20155	1020	12804.01
30000	315	30260	1050	12805.01
40000	400	40008	1415	12806.01
50000	400	50001	1500	12807.01
70000	400	71461	2280	12808.01



Dimensions



Volume Sludge trap [l]	Item number	Dimension						ACO Belt * [pcs]
		H1 [mm]	H2 [mm]	ØD1 [mm]	ØD2 [mm]	T tank [mm]	L [mm]	
3000	12800.01	1030	980	1200	1220	290	3280	2
6500	12801.01	1630	1580	1800	1820	290	3145	2
10000	12802.01	1580	1530	1800	1820	340	4705	3
15000	12803.01	1880	1830	2100	2120	340	5065	4
20000	12804.01	1815	1765	2100	2120	405	6865	5
30000	12805.01	1945	1895	2200	2220	375	9260	7
40000	12806.01	1860	1810	2200	2220	460	12260	10
50000	12807.01	2230	2180	2570	2590	460	11000	12
70000	12808.01	2230	2180	2570	2590	460	15700	20

* Use in case of occurrence groundwater

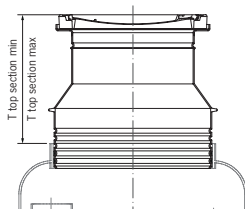
Top sections for Sludge Trap G-H

Top section 1 - load class A 15 / DN 600

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



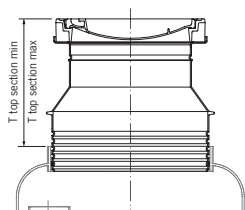
T top section (min-max)* [mm]	Manhole cover [mm]	Weight [kg]	Item number
520-640	Ø 600	94	3300.34.01
520-1090	Ø 600	103	3300.34.02
520-1690	Ø 600	113	3300.34.03

Top section 2 - load class B 125 / DN 600

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
550-670	Ø 600	80	3300.35.01
550-1120	Ø 600	88	3300.35.02
550-1720	Ø 600	99	3300.35.03

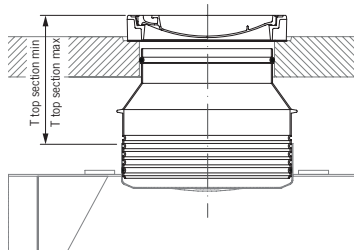
Note*: T total = T tank + T top section (min-max)

Top section 3 - load class D 400 / DN 600

Order information

ACO Product benefits




- Load class B 125 according to EN 124
- BEGU cover
- Clear opening Ø 600 mm
- Raising tube from polyethylene
- Selectively with load distribution plate from concrete






T top section (min-max)* [mm]	Manhole cover [mm]	Weight [kg]	Item number
550-680	Ø 600	846	3300.35.98
550-1130	Ø 600	854	3300.35.99
550-1730	Ø 600	866	3300.36.00
550-680 (without load distribution plate)	Ø 600	126	3300.36.98
550-1130 (without load distribution plate)	Ø 600	134	3300.36.99
550-1730 (without load distribution plate)	Ø 600	824	3301.36.00

Accessories for Sludge Trap G-H

Order information

	Product description	Model	Item number
	<p>Sampling shaft</p> <ul style="list-style-type: none"> ■ From polyethylene ■ Diameter 450 mm ■ For below ground installations ■ Downstream grease separators/starch separators ■ Cast iron/concrete cover for load class B 125 ■ Odour proof 	<p>DN 100, with 160 mm gradient DN 100, with 30 mm gradient DN 150, with 160 mm gradient DN 150, with 75 mm gradient</p>	<p>3300.13.10 3300.13.11 3300.13.20 3300.13.21</p>
	<p>Sampling shaft with load distribution plate</p> <ul style="list-style-type: none"> ■ From polyethylene ■ Diameter 450 mm ■ For below ground installations ■ Downstream grease separators/starch separators ■ Cast iron/concrete cover for load class D 400 ■ Odour proof 	<p>DN 100, with 160 mm gradient DN 100, with 30 mm gradient DN 150, with 160 mm gradient DN 150, with 75 mm gradient</p>	<p>3300.13.15 3300.13.16 3300.13.25 3300.13.26</p>
	<p>Extension element</p> <ul style="list-style-type: none"> ■ From polyethylene ■ For install aforementioned sampling shaft as a deeper position installations ■ Extension height 100 to 650 mm ■ Can be shortened at 45 mm intervals by cutting at the cutting marks 		<p>3300.13.00</p>

Order information

	Product description	Model	Item number
	<p>Sampling equipment</p> <ul style="list-style-type: none"> ■ Sludge Traps for bellow ground installation ■ Sampling equipment consisting of manual pump and suction coupling, connecting hose and suction coupling and bolt connection <p>Suitable for inlet invert maximum T = 3 000 mm</p>		701246
	<p>Sealing ring</p> <ul style="list-style-type: none"> ■ For ventilation connection 		M00295
	<p>ACO Belt 75 SS</p> <ul style="list-style-type: none"> ■ Load strap: Polyester ■ Tensioner and hooks: Stainless steel 	<ul style="list-style-type: none"> ■ 7,5 m ■ For Item number: 12800.01, 12801.01, 12802.01, 12803.01, 12804.01 	2565.225
	<p>ACO Belt 120 SS</p> <ul style="list-style-type: none"> ■ Load strap: Polyester ■ Tensioner and hooks: Stainless steel 	<ul style="list-style-type: none"> ■ 12 m ■ For Item number: 12805.01, 12806.01, 12807.01, 12808.01 	2565.270

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ACO. The future of drainage

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