

Separators for

below ground installation

Rotomoulded tank system



ACO Grease, starch and light liquid separators for below ground installation

Commercial operations generating wastewater must implement appropriate measures, by using suitable pre-treatment installations like separators, to ensure that solids and liquids which can give off toxic and unpleasant vapours and odours are prevented from damaging construction materials and drainage facilities, harming operations, and are held back so that they do not enter sewage pipes.



LipuMax P-D

Medium cleaning and disposal comfort

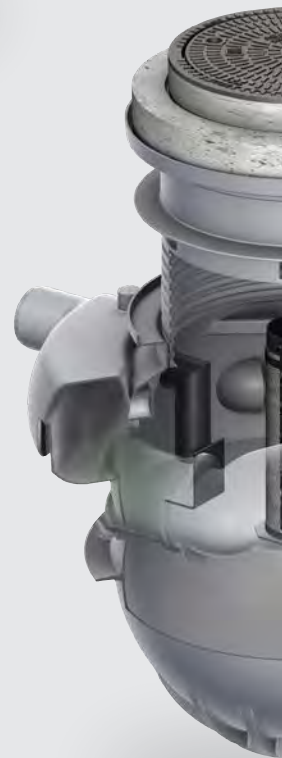
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FapuMax P-DA

Premium cleaning and disposal comfort

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Sludge Trap P

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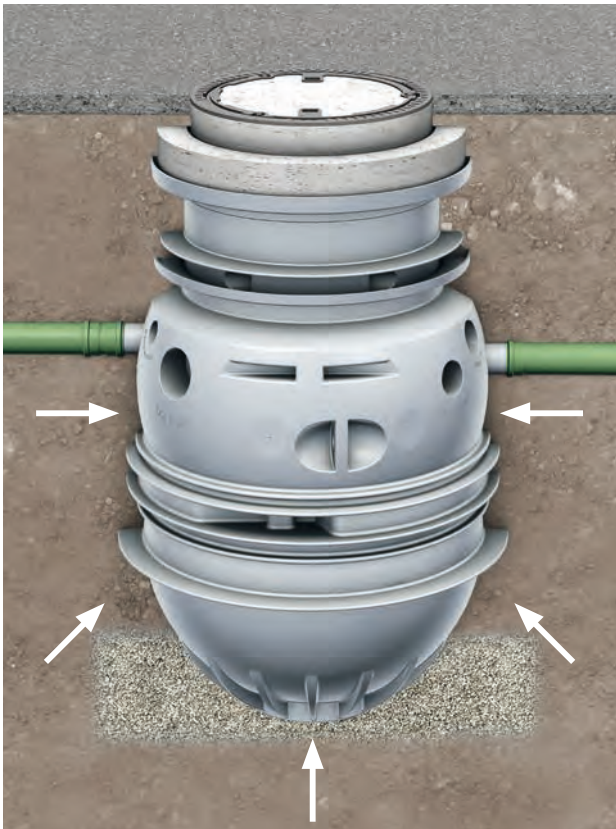
The rotomoulded tank system

Quality standards and tests

All ACO Grease separators are manufactured in accordance with EN 1825, all ACO Light liquid separators are manufactured in accordance with EN 858. All the separators in the range are hydraulically tested and have General Building Supervisory Authority Authorisation and/or the new application authorisation from DIBT Berlin.



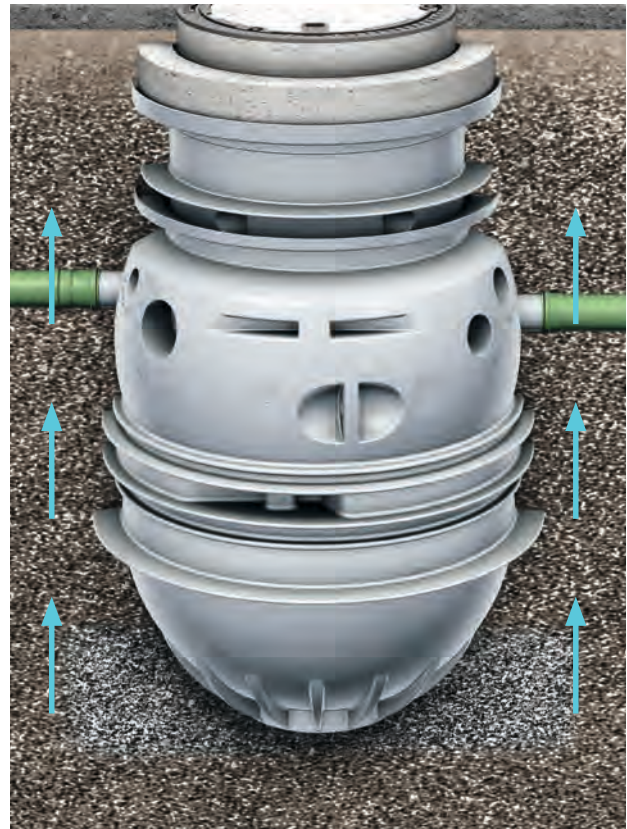
Structural stability



Product stability guaranteed for 50 years

- Certified statics have been calculated for the tank system
- The tank system supplies structural stability for 50 years

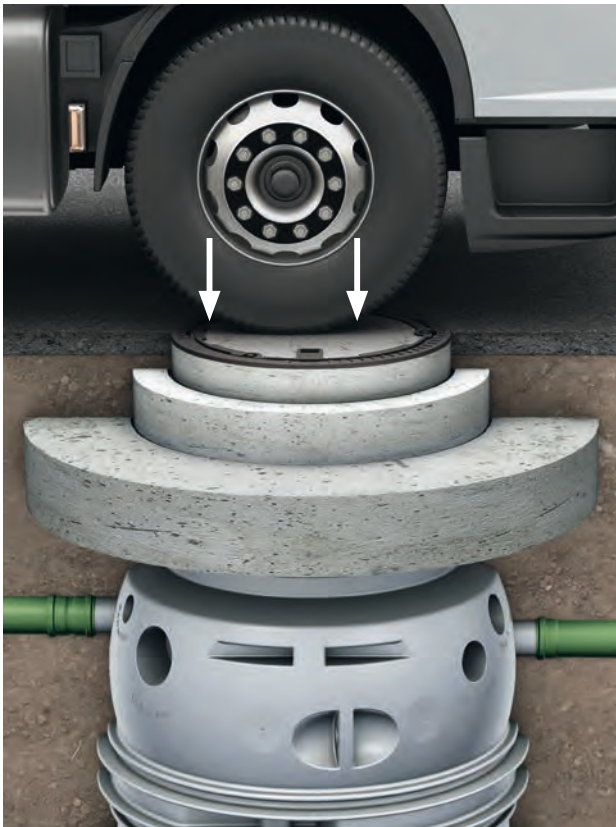
Protection against upwelling



Protection against ground water

- Depending on the maximum allowed inlet invert and the load class applied, the separators can be installed in areas with groundwater without additional concrete castings

Available for load class A, B or D



Flexible application

- Load class A15
- Load class B125
- Load class D400

Selecting the correct separator



When do grease separators have to be used?

Operations generating greasy wastewater have a mandatory obligation to install EN 1825 type grease separators to ensure that grease and organic oil is effectively removed from the wastewater. This applies for instance to kitchens and meat-processing operations. It is mandatory for every grease separator installed below the backflow level (usually corresponding to street level) to have a downstream twin lifting plant or complete pumping station. Each industry and commercial operation places individual demands on the capacity of grease separators, lifting plant and complete piping stations. Customisation therefore requires adaptable products in a wide range of sizes and materials. ACO has many decades of experience in supplying the most diverse range of grease separators, lifting plants and complete pumping stations for ground installation and free-standing installation.



When do light liquid separators have to be used?

The use of light liquid separators is stipulated by the regulations in DIN 1986-100, Section 6.2.3: "If petroleum or light oils, especially those that are combustible or can form explosive atmospheres, enter the sewers, separator systems for light oils must be used downstream of the discharge points." Discharging petroleum and light oils into public sewers can cause groundwater and drinking water contamination, and in serious cases, cause extensive environmental damage to flora and fauna. The solution to this problem is a light oil separator. Any light oil in the wastewater is collected in a separator tank and prevented from being discharged from the separator. The discharge outlet closes automatically when the maximum storage capacity has been reached. The light oil which collects in the separator is disposed of by certified recycling companies at regular intervals.

ACO Grease separator series LipuMax P

from polyethylene

LOW cleaning and disposal comfort



LipuMax P-B / P-SD disposal and cleaning via cover

Since disposal has to be done via the open manhole cover, it is recommended to install the grease separators in areas where the occurrence of stench does not pose inconveniences to the surroundings.

MEDIUM cleaning and disposal comfort



LipuMax P-D disposal with direct suction, cleaning via cover

It is possible to install a suction line DN 65 and an appropriate coupling on site. LipuMax P-D grease separator with direct suction extraction is ideal for installation in areas where disposal via the manhole cover is not possible, in pedestrian zones or outdoor catering areas for instance.

HIGH cleaning and disposal comfort



LipuMax P-DM disposal with direct suction and cleaning with integrated spray head (manual control)

It is possible to install a suction line DN 65 and an appropriate coupling on site. The integrated high-pressure cleaning unit has to be operated manually and connected to a cold water supply.

Disposal and cleaning of the separator is accomplished via the direct suction and the high-pressure cleaning. Therefore, for disposal the cover has not to be removed. After the disposal and the cleaning, the separator is refilled manually via the filling device. outdoor catering areas for instance.

PREMIUM cleaning and disposal comfort




LipuMax P-DA disposal with direct suction and cleaning with integrated spray head (automatic control)

It is possible to install a suction line DN 65 and an appropriate coupling on site. The integrated high-pressure cleaning unit has to be connected to a cold water supply and is automatically operated.

Disposal and cleaning of the separator is accomplished automatically by using a remote control via the direct suction and the high-pressure cleaning. Therefore, for disposal the cover has not to be removed. After the disposal and the cleaning, the separator is refilled automatically via the filling device which has to be connected to a cold water supply.

ACO Starch Separator series FapuMax P


from polyethylene



LOW cleaning and disposal comfort

FapuMax P-B disposal and cleaning via cover

Since disposal has to be done via the open manhole cover, it is recommended to install the starch separators in areas where the occurrence of stench does not pose inconveniences to the surroundings. The spray shower head serves to rinse off the starch.



PREMIUM cleaning and disposal comfort

FapuMax P-DA disposal with direct suction and cleaning with integrated spray head (automatic control)

It is possible to install a suction line DN 65 and an appropriate coupling on site. The integrated high-pressure cleaning unit has to be connected to a cold water supply and is automatically operated. The spray shower head serves to rinse off the starch. The spray shower head serves to rinse off the starch. Disposal and cleaning of the separator is accomplished automatically by using a remote control via the direct suction and the high-pressure cleaning. Therefore, for disposal the cover has not to be removed. After the disposal and cleaning, the separator is refilled automatically via the filling device which has to be connected to an cold water supply.

ACO Light Liquid Separator series Oleopator P and Oleopass P

from polyethylene



Oleopator P / P-SD – Class I

Oleopator P Class I light liquids separators are designed for ground installation outside of buildings, to treat waste water from industrial processes or oil contaminated rainwater from impervious areas or to retain any spillage of light liquid and to protect surrounding areas. Depending on the load class and nominal size, the inlet invert varies between 450 – 2,000 mm. Light liquid separators can be equipped with top sections for the load classes A 15, B 125 or D 400 according EN 124.



Oleopass P / P-SD – Class I with bypass

Oleopass P Class I light liquid separators with bypass are designed for ground installation outside of buildings, to treat oil contaminated rainwater from impervious areas or to retain any spillage of light liquid and to protect surrounding areas. It is not possible to use the separators with bypass to treat waste water from industrial processes, vehicle washing, cleansing of oil covered parts or other sources, e.g. petrol stations. Depending on the load class and nominal size, the inlet invert varies between 450 – 2,000 mm. Light liquid separators can be equipped with top sections for the load classes A 15, B 125 or D 400 according EN 124.

ACO Sludge Trap series

from polyethylene



Sludge Trap P / P-SD

Sedimentation tanks are designed for ground installation outside of buildings, to treat polluted wastewater with huge contents of solids before the light liquid separator.

Depending on the load class and total volume, the inlet invert varies between 415 – 2,000 mm.

ACO Grease Separator LipuLift-P

Standard Version, inlet inverts: depending on load classes and Nominal Sizes

Product information

Grease separator according to EN 1825-1 made of polyethylene for underground installation with integrated dual pumping station according to EN 12050

Two dome openings, each for receiving support rings and manhole covers for inlet inverts:

- 850 mm – 1,125 mm (NS 4, load class A)
- 875 mm – 1,150 mm (NS 7/10, load class A)
- 885 mm – 1,125 mm (NS 4, load class B/D)
- 910 mm – 1,150 mm (NS 7/10, load class B/D)

Integrated pumping station according to EN 12050, accessible via the manhole cover

- Pressure connection: 2" - OD Ø 63 mm (PE pipe)
- Ball backflow preventer
- Voltage: 400 V, 50 Hz, speed: 2,900 rpm
- Protection class IP 68; Operating mode: S1

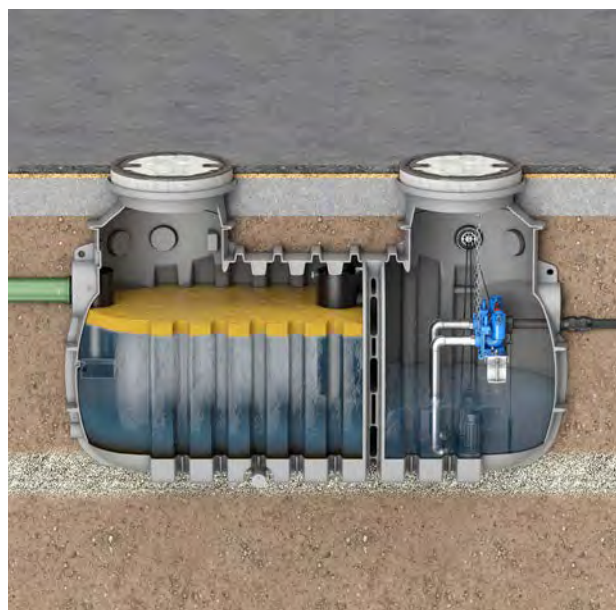
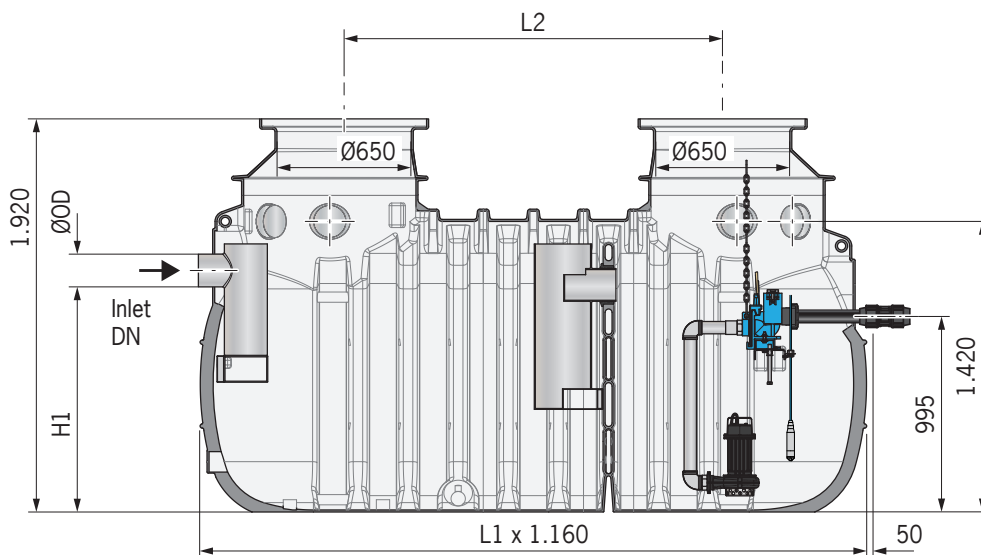


Illustration shows the complete product with covers, load class B

LipuLift-P – Order data





Nominal size	Inlet Ø OD [mm]	Capacity Separator Sludge [l]	Capacity Separator Grease [l]	Capacity Separator Total [l]	Operating Volume Pump tank [l]	H1 [mm]	L1 [mm]	L2 [mm]
NS 4	110	590	370	1,260	660	1,125	2,770	1,500
NS 7	160	780	550	1,760	660	1,100	3,260	1,990
NS 10	160	1010	710	2,260	660	1,100	3,750	2,480

Comfort stages






Grease Separator – Order data

Product	Product description	Nominal size	Lifting height pump station maximum [m]	Article No.
 <p>LipuLift-P-B</p>	<ul style="list-style-type: none"> ■ Disposal and cleaning via the manhole cover 	NS 4	8	3204.20.01
		NS 7	6	3207.20.01
			8	3207.20.02
		NS 10	4	3210.20.02
			8	3210.20.03
 <p>LipuLift-P-D</p>	<ul style="list-style-type: none"> ■ With a factory-prepared suction line made of PE-HD DN 65 (OD 75 mm), with Storz-B coupling and blind cover ■ Disposal with closed cover ■ Cleaning via the manhole covers 	NS 4	8	3204.20.11
		NS 7	6	3207.20.11
			8	3207.20.12
		NS 10	4	3210.20.12
			8	3210.20.13
 <p>LipuLift-P-DA</p>	<ul style="list-style-type: none"> ■ With a factory-prepared suction line made of PE-HD DN 65 (OD 75 mm), with Storz-B coupling and blind cover ■ With factory-prepared automatic high-pressure internal cleaning ■ Disposal, cleaning and refilling of the separator with closed covers 	NS 4	8	3204.20.31
		NS 7	6	3207.20.31
			8	3207.20.32
		NS 10	4	3210.20.32
			8	3210.20.33
 <p>LipuLift-P-DAP</p>	<ul style="list-style-type: none"> ■ With a factory-prepared suction line made of PE-HD DN 65 (OD 75 mm), with Storz-B coupling and blind cover ■ With factory-prepared automatic high-pressure internal cleaning and disposal pump for disposal heights of up to approx. 10 meters ■ Disposal, cleaning and refilling of the separator with closed covers 	NS 4	8	3204.20.41
		NS 7	6	3207.20.41
			8	3207.20.42
		NS 10	4	3210.20.42
			8	3210.20.43



Level detection (all separators) – Order data

	Product description	Suitable for	Type	Article No.
	Pressure sensor for switching the pump technology via an electric cable Consumption 4 – 20 mA, 0 – 200 mbar	■ LipuLift-P-B/-D/ -DA/-DAP	Cable length: 20 meter Cable length: 40 meter	0178.63.88 0178.63.87
	Dynamic pressure bell for switching the pump technology via a pneumatic measuring hose with air bubble injection Attention! Laying must be carried out without kinks, rising to the switching device	■ LipuLift-P-B/-D	Tube length: 20 meter	0155.41.90

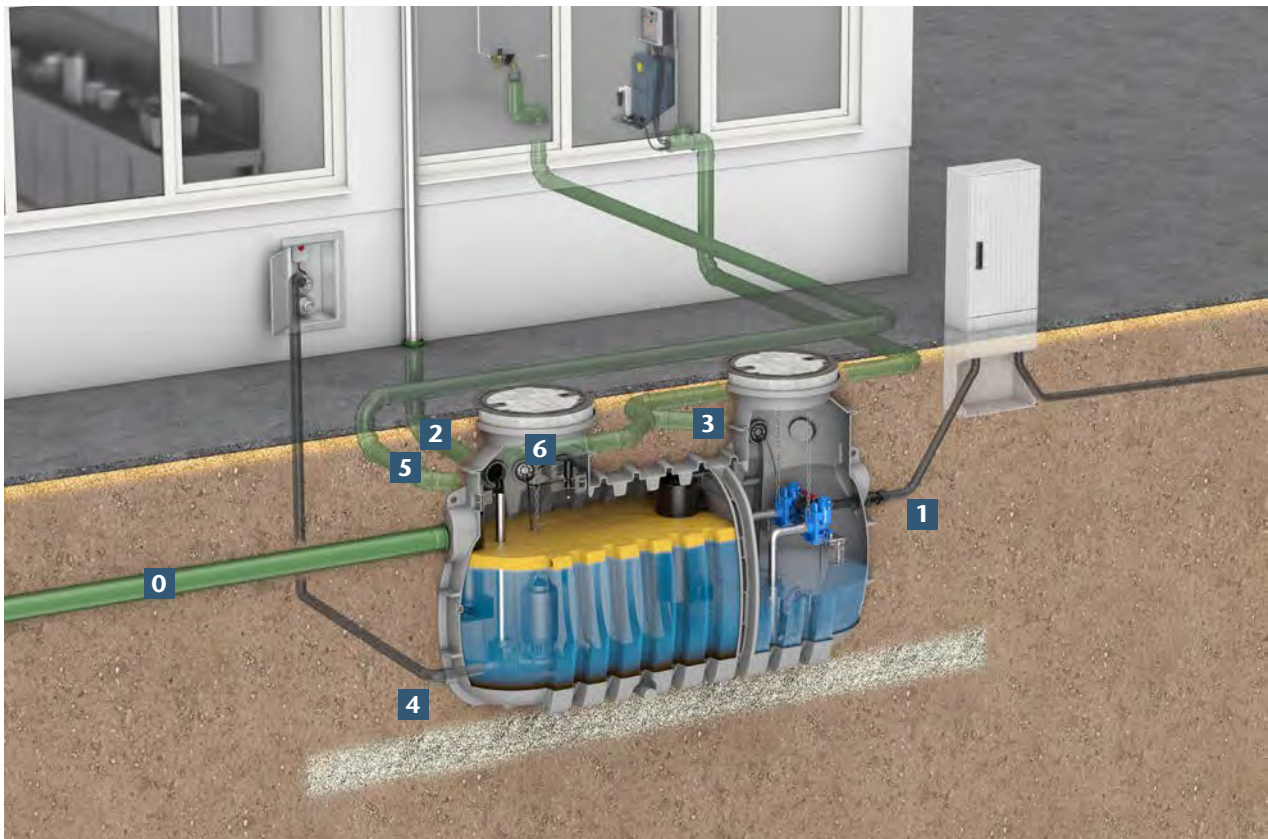
Cover systems (all separators type “P”) – Order data

	Product description	Suitable for	Type	Article No.
	Cover load class A according to EN 124 Cover from concrete, frame from cast iron, odour-proof, unlocked	■ LipuLift-P series		0155.26.36
	Cover load class B according to EN 124 Cover from concrete, frame from cast iron, odour-proof, locked	■ LipuLift-P series		0150.79.02
	Cover load class D according to EN 124 Cover from concrete, frame from cast iron, odour-proof, locked	■ LipuLift-P series		0150.69.52
	Support ring from concrete ARV 625	■ LipuLift-P series	Height: 60 mm Height: 80 mm Height 100 mm	8700.20.00 8700.20.10 8700.20.20
	Removal key	■ Covers load class A, B or D		4143.00.00

Order Data – high pressure hose (only grease separator type „DA“ or “DAP”)

	Product description	Suitable for	Type	Article No.
	To connect a high pressure pump in the building and a high pressure cleaning head in the grease separator	■ LipuLift-P-DA/-DAP	10 meter 20 meter 30 meter	0150.33.62 0150.33.63 0150.33.64
	■ DN 100 ■ Sealing ring for ventilation ■ For all grease and light oil separators and sludge traps P series	■ LipuMax P ■ Oleopator/Oleopass P ■ FapuMax P	—	0150.34.32

Installation example



Nr.	Designation	LipuLift-P-B	LipuLift-P-D	LipuLift-P-DA	LipuLift-P-DAP
0	Inlet piping OD 110 mm (NS 4) or OD 160 mm (NS 7/NS 10)	x	x	x	x
1	Pressure pipe connection from PE OD 63 mm	x	x	x	x
2	Connection for ventilation line OD 110 mm	x	x	x	x
3	Cable duct OD 110 mm for cable pipe of the control unit	x	x	x	x
4	Disposal connection of PE OD 75 mm		x	x	x
5	Connection for filling pipe OD 110 mm			x	x
6	Cable duct OD 110 mm for high-pressure internal cleaning (type "-DA") and disposal pump (type "-DAP")			x	x

Buoyancy protection

Load class A15 and B125

Container buoyancy-proof from the container bottom up to a height of 1650 mm (load class A15 and B125) with on-site concrete slab

Load class D400

Container buoyancy-proof from the container bottom up to a height of 1650 mm (load class D400) with a concrete load distribution plate to be created on site

ACO Grease Separator LipuLift-PF

Flexible version for variable inlet inverts

Product information

Grease separator according to EN 1825-1 made of polyethylene for underground installation with integrated dual pumping station according to EN 12050

Two dome openings, each to accommodate a top section with covers according to either class A, B or D

Integrated pumping station according to EN 12050, accessible via the manhole cover

- Pressure connection: 2" - OD Ø 63 mm (PE pipe)
- Ball backflow preventer
- Voltage: 400 V, 50 Hz, speed: 2,900 rpm
- Protection class IP 68; Operating mode: 51

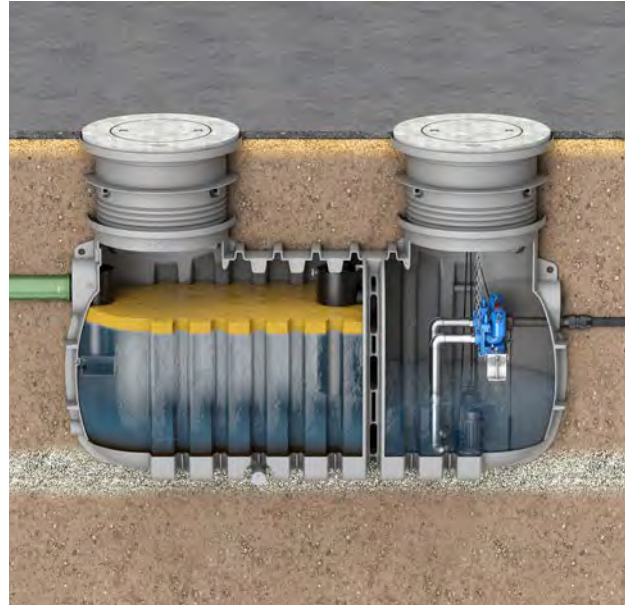
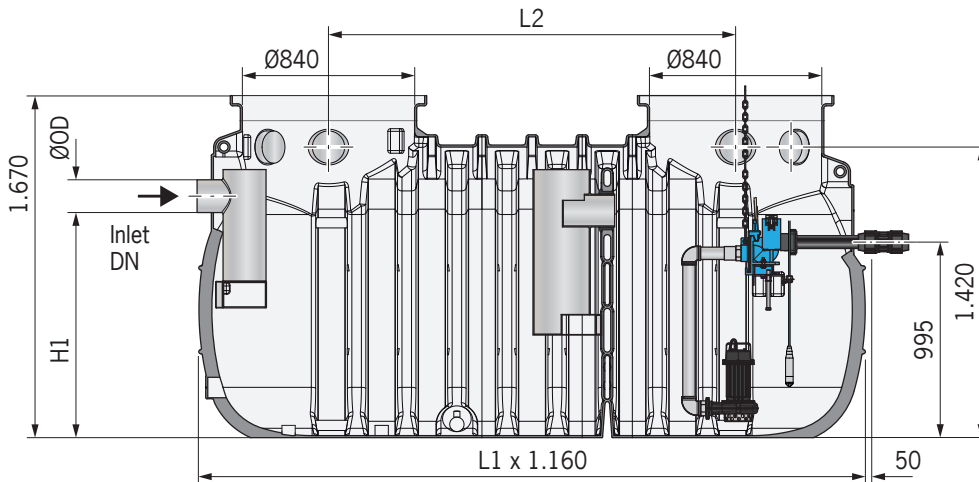


Illustration shows the complete product with covers, load class A

LipuLift-PF – Order data





Nominal size	Inlet Ø OD [mm]	Capacity Separator Sludge [l]	Capacity Separator Grease [l]	Capacity Separator Total [l]	Operating Volume Pump tank [l]	H1	L1	L2
						[mm]	[mm]	[mm]
NS 4	110	590	370	1,260	660	1,125	2,800	1,500
NS 7	160	780	550	1,760	660	1,100	3,250	1,990
NS 10	160	1,010	710	2,260	660	1,100	3,800	2,480

Comfort stages




Grease Separator – Order data

Product	Product description	Nominal size	Lifting height	Article No.
			pump station maximum [m]	
 <p>LipuLift-PF-B</p>	<ul style="list-style-type: none"> ■ Disposal and cleaning via the manhole cover 	NS 4	8	3204.30.01
		NS 7	6	3207.30.01
			8	3207.30.02
		NS 10	4	3210.30.02
			8	3210.30.03
 <p>LipuLift-PF-D</p>	<ul style="list-style-type: none"> ■ With a factory-prepared suction line made of PE-HD, DN 65 (OD 75 mm), with Storz-B coupling and blind cover ■ Disposal with closed cover ■ Cleaning via the manhole covers 	NS 4	8	3204.30.11
		NS 7	6	3207.30.11
			8	3207.30.12
		NS 10	4	3210.30.12
			8	3210.30.13
 <p>LipuLift-PF-DA</p>	<ul style="list-style-type: none"> ■ With a factory-prepared suction line made of PE-HD, DN 65 (OD 75 mm), with Storz-B coupling and blind cover ■ With factory-prepared automatic high-pressure internal cleaning ■ Disposal, cleaning and refilling of the separator with closed covers 	NS 4	8	3204.30.31
		NS 7	6	3207.30.31
			8	3207.30.32
		NS 10	4	3210.30.32
			8	3210.30.33
 <p>LipuLift-PF-DAP</p>	<ul style="list-style-type: none"> ■ With a factory-prepared suction line made of PE-HD, DN 65 (OD 75 mm), with Storz-B coupling and blind cover ■ With factory-prepared automatic high-pressure internal cleaning and disposal pump for disposal heights of up to approx. 10 meters ■ Disposal, cleaning and refilling of the separator with closed covers 	NS 4	8	3204.30.41
		NS 7	6	3207.30.41
			8	3207.30.42
		NS 10	4	3210.30.42
			8	3210.30.43




Level detection (all separators) – Order data

	Product description	Suitable for	Type	Article No.
	Pressure sensor for switching the pump technology via an electric cable Consumption 4 – 20 mA, 0 – 200 mbar	■ LipuLift-PF-B/-D/ -DA/-DAP	Cable length: 20 meter Cable length: 40 meter	0178.63.88 0178.63.87
	Dynamic pressure bell for switching the pump technology via a pneumatic measuring hose with air bubble injection Attention! Laying must be carried out without kinks, rising to the switching device	■ LipuLift-PF-B/-D	Tube length: 20 meter	0155.41.90



Raising systems (all separators type “PF”) – Order data

	Product description	Suitable for	Type	Article No.
	■ Cover load class A according to EN 124 ■ Cover from concrete, frame from cast iron, odour-proof, unlocked	■ LipuLift-PF series	Inlet invert: 945 – 1,225 mm (NS 4) Inlet invert: 970 – 1,250 mm (NS 7/10)	3300.14.01
	■ Cover load class B according to EN 124 ■ Cover from concrete, frame from cast iron, odour-proof, locked	■ LipuLift-PF series	Inlet invert: 945 – 1,875 mm (NS 4) Inlet invert: 970 – 1,900 mm (NS 7/10)	3300.14.02
	■ Cover load class D according to EN 124 ■ Cover from concrete, frame from cast iron, odour-proof, locked	■ LipuLift-PF series	Inlet invert: 1,120 – 1,400 mm (NS 4) Inlet invert: 1,145 – 1,425 mm (NS 7/10)	3300.15.01
			Inlet invert: 1,120 – 1,875 mm (NS 4) Inlet invert: 1,145 – 1,900 mm (NS 7/10)	3300.15.02
			Inlet invert: 1,055 – 1,875 mm (NS 4) Inlet invert: 1,080 – 1,900 mm (NS 7/10)	3300.17.00

Raising systems 600 (all separators type “PF”) – Order data

	Product description	Suitable for	Type	Article No.
	<ul style="list-style-type: none"> ■ Cover load class A according to EN 124 ■ Cover from concrete, frame from cast iron, odour-proof, unlocked 	■ LipuLift-PF series	Inlet invert: 1,055 – 1,170 mm (NS 4)	3300.34.11
			Inlet invert: 1,080 – 1,195 mm (NS 7/10)	
			Inlet invert: 1,055 – 1,620 mm (NS 4)	3300.34.12
Inlet invert: 1,080 – 1,645 mm (NS 7/10)				
	<ul style="list-style-type: none"> ■ Cover load class B according to EN 124 ■ Cover from concrete, frame from cast iron, odour-proof, locked 	■ LipuLift-PF series	Inlet invert: 1,090 – 1,205 mm (NS 4)	3300.35.11
			Inlet invert: 1,115 – 1,230 mm (NS 7/10)	
			Inlet invert: 1,090 – 1,655 mm (NS 4)	3300.35.12
Inlet invert: 1,115 – 1,680 mm (NS 7/10)				
	<ul style="list-style-type: none"> ■ Cover load class D according to EN 124 ■ Cover from concrete, frame from cast iron, odour-proof, locked 	■ LipuLift-PF series	Inlet invert: 1,080 – 1,185 mm (NS 4)	3300.37.08
			Inlet invert: 1,105 – 1,210 mm (NS 7/10)	
			Inlet invert: 1,080 – 1,635 mm (NS 4)	3300.37.09
Inlet invert: 1,105 – 1,660 mm (NS 7/10)				
			Inlet invert: 1,080 – 1,875 mm (NS 4)	3300.37.10
			Inlet invert: 1,105 – 1,900 mm (NS 7/10)	

Order Data – high pressure hose (only grease separator type „DA“ or “DAP”)

	Product description	Suitable for	Type	Article No.
	To connect a high pressure pump in the building and a high pressure cleaning head in the grease separator	■ LipuLift-P-DA/-DAP	10 meter	0150.33.62
			20 meter	0150.33.63
			30 meter	0150.33.64
	<ul style="list-style-type: none"> ■ DN 100 ■ Sealing ring for ventilation ■ For all grease and light oil separators and sludge traps P series 	<ul style="list-style-type: none"> ■ LipuMax P ■ Oleopator/Oleopass P ■ FapuMax P 	—	0150.34.32

ACO Grease Separator LipuMax-P-H

Standard Version, inlet inverts: depending on load classes and Nominal Sizes

Product information

Grease separator according to EN 1825-1 made of polyethylene for underground installation

Two dome openings, each for receiving support rings and manhole covers for inlet inverts:

- 870 mm – 1,150 mm (NS 10, load class A)
- 890 mm – 1,170 mm (NS 15, load class A)
- 910 mm – 1,150 mm (NS 10, load class B/D)
- 930 mm – 1,170 mm (NS 15, load class B/D)

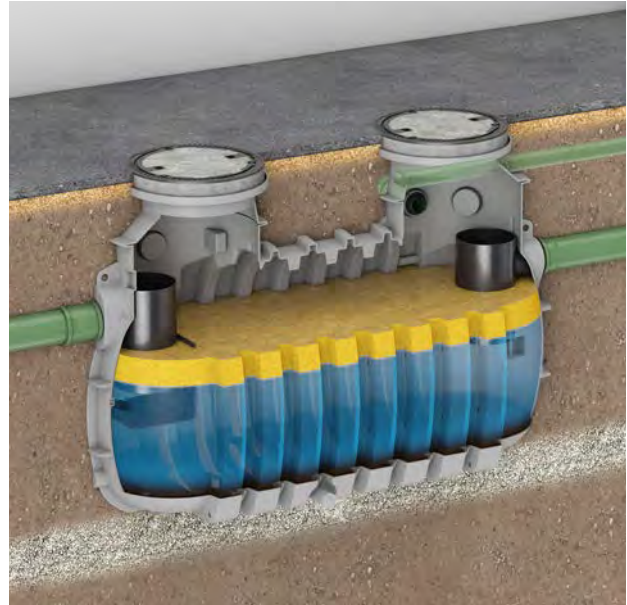
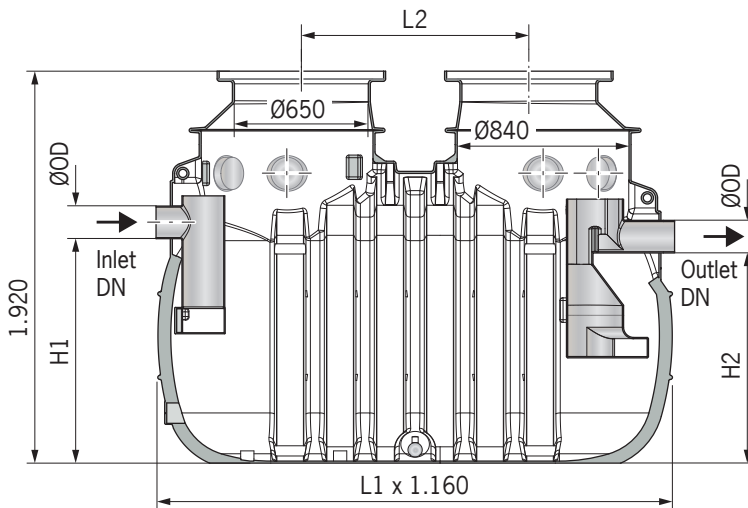


Illustration shows the complete product with covers, load class B

LipuMax-P-H – Order data








Nominal size	Inlet Ø OD [mm]	Capacity Separator Sludge [l]	Capacity Separator Grease [l]	Capacity Separator Total [l]	H1	H2	L1	L2
					[mm]	[mm]	[mm]	[mm]
NS 10	160	975	550	2,090	1,100	1,030	2,520	1,115
NS 15	200	1,460	625	2,780	1,080	1,010	3,010	1,605
NS 20	200	1,960	820	3,565	1,080	1,010	3,750	2,340

Comfort stages



Grease Separator – Order data

Product	Product description	Nominal size	Article No.
 <p>LipuMax-P-H-B</p>	<ul style="list-style-type: none"> ■ Disposal and cleaning via the manhole cover 	NS 10	3210.80.01
		NS 15	3215.80.01
		NS 20	3220.80.01
 <p>LipuMax-P-H-D</p>	<ul style="list-style-type: none"> ■ With a factory-prepared suction line made of PE-HD, DN 65 (OD 75 mm) with Storz-B coupling and blind cover ■ Disposal with closed cover ■ cleaning via the manhole covers 	NS 10	3210.81.01
		NS 15	3215.81.01
		NS 20	3220.81.01
 <p>LipuMax-P-H-DA</p>	<ul style="list-style-type: none"> ■ With a factory-prepared suction line made of PE-HD, DN 65 (OD 75 mm) with Storz-B coupling and blind cover ■ With factory-prepared automatic high-pressure internal cleaning ■ Disposal, cleaning and refilling of the separator with closed covers 	NS 10	3210.83.01
		NS 15	3215.83.01
		NS 20	3220.83.01

Cover systems (all separators type “PH”) – Order data

	Product description	Suitable for	Type	Article No.
	<ul style="list-style-type: none"> ■ Cover load class A according to EN 124 ■ Cover from concrete, frame from cast iron, odour-proof, unlocked 	<ul style="list-style-type: none"> ■ LipuLift-P-H series 		0155.26.36
	<ul style="list-style-type: none"> ■ Cover load class B according to EN 124 ■ Cover from concrete, frame from cast iron, odour-proof, locked 	<ul style="list-style-type: none"> ■ LipuLift-P-H series 		0150.79.02
	<ul style="list-style-type: none"> ■ Cover load class D according to EN 124 ■ Cover from concrete, frame from cast iron, odour-proof, locked 	<ul style="list-style-type: none"> ■ LipuLift-P-H series 		0150.69.52
	Support ring from concrete ARV 625	<ul style="list-style-type: none"> ■ LipuLift-P-H series 	Height: 60 mm Height: 80 mm Height: 100 mm	8700.20.00 8700.20.10 8700.20.20
	Removal key	<ul style="list-style-type: none"> ■ LipuLift-P-H series 		4143.00.00

Order Data – high pressure hose (only grease separator type „DA“ or “DAP”)

	Product description	Suitable for	Type	Article No.
	To connect a high pressure pump in the building and a high pressure cleaning head in the grease separator	<ul style="list-style-type: none"> ■ LipuLift-P-H-DA 	10 meter 20 meter 30 meter	0150.33.62 0150.33.63 0150.33.64
	<ul style="list-style-type: none"> ■ DN 100 ■ Sealing ring for ventilation ■ For all grease and light oil separators and sludge traps P series 	<ul style="list-style-type: none"> ■ LipuMax P ■ Oleopator/Oleopass P ■ FapuMax P 	—	0150.34.32

ACO Grease Separator LipuMax-PF-H

Product information

Grease separator according to EN 1825-1 made of polyethylene for underground installation

Two dome openings, each to accommodate a top section with covers according to either class A, B or D.

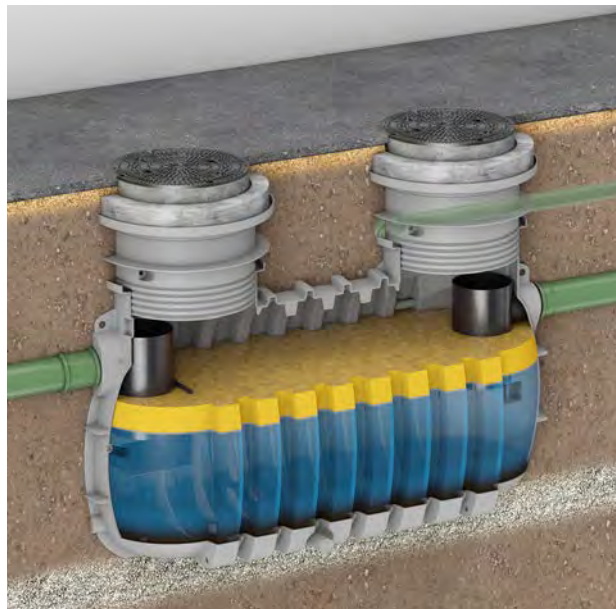
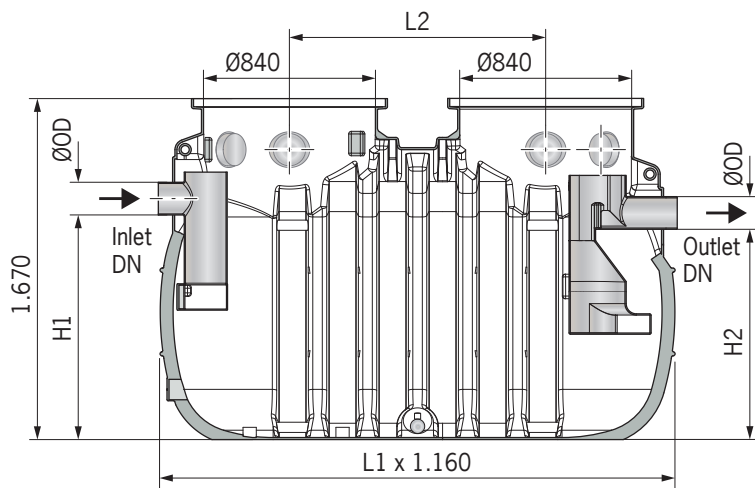


Illustration shows the complete product with covers, load class B




LipuMax-PF-H – Order data








Nominal size	Inlet Ø OD [mm]	Capacity Separator Sludge [l]	Capacity Separator Grease [l]	Capacity Separator Total [l]	H1 [mm]	H2 [mm]	L1 [mm]	L2 [mm]
NS 10	160	975	550	2,090	1,100	1,030	2,520	1,255
NS 15	200	1,460	625	2,780	1,080	1,010	3,010	1,745
NS 20	200	1,960	820	3,565	1,080	1,010	3,750	2,480

Comfort stages






Grease Separator – Order data

Product	Product description	Nominal size	Article No.
 <p>LipuMax-PF-H-B</p>	<ul style="list-style-type: none"> Disposal and cleaning via the manhole cover 	NS 10	3210.80.02
		NS 15	3215.80.02
		NS 20	3220.80.02
 <p>LipuMax-PF-H-D</p>	<ul style="list-style-type: none"> With a factory-prepared suction line made of PE-HD DN 65 (OD 75 mm), with Storz-B coupling and blind cover Disposal with closed cover Cleaning via the manhole covers 	NS 10	3210.81.02
		NS 15	3215.81.02
		NS 20	3220.81.02
 <p>LipuMax-PF-H-DA</p>	<ul style="list-style-type: none"> With a factory-prepared suction line made of PE-HD DN 65 (OD 75 mm), with Storz-B coupling and blind cover With factory-prepared automatic high-pressure internal cleaning Disposal, cleaning and refilling of the separator with closed covers 	NS 10	3210.83.02
		NS 15	3215.83.02
		NS 20	3220.83.02



Raising systems (all separators type "PF") – Order data

	Product description	Suitable for	Type	Article No.
	<ul style="list-style-type: none"> Cover load class A according to EN 124 Cover from concrete, frame from cast iron, odour-proof, unlocked 	<ul style="list-style-type: none"> LipuMax-P-H series 	Inlet invert: 970 – 1,245 mm (NS 10)	3300.14.01
			Inlet invert: 990 – 1,265 mm (NS 15, NS 20)	
	<ul style="list-style-type: none"> Cover load class B according to EN 124 Cover from concrete, frame from cast iron, odour-proof, locked 	<ul style="list-style-type: none"> LipuMax-P-H series 	Inlet invert: 970 – 1,900 mm (NS 10)	3300.14.02
			Inlet invert: 990 – 1,920 mm (NS 15, NS 20)	
	<ul style="list-style-type: none"> Cover load class B according to EN 124 Cover from concrete, frame from cast iron, odour-proof, locked 	<ul style="list-style-type: none"> LipuMax-P-H series 	Inlet invert: 1,140 – 1,420 mm (NS 10)	3300.15.01
			Inlet invert: 1,160 – 1,440 mm (NS 15, NS 20)	
	<ul style="list-style-type: none"> Cover load class D according to EN 124 Cover from concrete, frame from cast iron, odour-proof, locked 	<ul style="list-style-type: none"> LipuMax-P-H series 	Inlet invert: 1,140 – 1,900 mm (NS 10)	3300.15.02
			Inlet invert: 1,160 – 1,920 mm (NS 15, NS 20)	
	<ul style="list-style-type: none"> Cover load class D according to EN 124 Cover from concrete, frame from cast iron, odour-proof, locked 	<ul style="list-style-type: none"> LipuMax-P-H series 	Inlet invert: 1,080– 1,900 mm (NS 10)	3300.17.00
			Inlet invert: 1,100– 1,920 mm (NS 15, NS 20)	

Raising systems 600 (all separators type “PF”) – Order data

	Product description	Suitable for	Type	Article No.
	<ul style="list-style-type: none"> ■ Cover load class according to EN 124 ■ Cover from concrete, frame from cast iron, odour-proof, unlocked 	■ LipuMax-P-H series	Inlet invert: 1,080 – 1,190 mm (NS 10)	3300.34.11
			Inlet invert: 1,100 – 1,210 mm (NS 15, NS 20)	
			Inlet invert: 1,080 – 1,640 mm (NS 10)	3300.34.12
Inlet invert: 1,100 – 1,660 mm (NS 15, NS 20)				
	<ul style="list-style-type: none"> ■ Cover load class B according to EN 124 ■ Cover from concrete, frame from cast iron, odour-proof, locked 	■ LipuMax-P-H series	Inlet invert: 1,080 – 1,900 mm (NS 10)	3300.34.13
			Inlet invert: 1,100 – 1,920 mm (NS 15, NS 20)	
			Inlet invert: 1,110 – 1,225 mm (NS 10)	3300.35.11
Inlet invert: 1,130 – 1,245 mm (NS 15, NS 20)				
	<ul style="list-style-type: none"> ■ Cover load class D according to EN 124 ■ Cover from concrete, frame from cast iron, odour-proof, locked 	■ LipuMax-P-H series	Inlet invert: 1,110 – 1,675 mm (NS 10)	3300.35.12
			Inlet invert: 1,130 – 1,695 mm (NS 15, NS 20)	
			Inlet invert: 1,110 – 1,900 mm (NS 10)	3300.35.13
Inlet invert: 1,130 – 1,920 mm (NS 15, NS 20)				
	<ul style="list-style-type: none"> ■ Cover load class D according to EN 124 ■ Cover from concrete, frame from cast iron, odour-proof, locked 	■ LipuMax-P-H series	Inlet invert: 1,000 – 1,205 mm (NS 10)	3300.37.08
			Inlet invert: 1,020 – 1,225 mm (NS 15, NS 20)	
			Inlet invert: 1,000 – 1,665 mm (NS 10)	3300.37.09
Inlet invert: 1,020 – 1,675 mm (NS 15, NS 20)				
	<ul style="list-style-type: none"> ■ Cover load class D according to EN 124 ■ Cover from concrete, frame from cast iron, odour-proof, locked 	■ LipuMax-P-H series	Inlet invert: 1,000 – 1,900 mm (NS 10)	3300.37.10
			Inlet invert: 1,020 – 1,920 mm (NS 15, NS 20)	

Order Data – high pressure hose (only grease separator type „DA“ or “DAP”)

	Product description	Suitable for	Type	Article No.
	To connect a high pressure pump in the building and a high pressure cleaning head in the grease separator	■ Lipulift-P-H-DA	10 meter	0150.33.62
			20 meter	0150.33.63
	<ul style="list-style-type: none"> ■ DN 100 ■ Sealing ring for ventilation ■ For all grease and light oil separators and sludge traps P series 	<ul style="list-style-type: none"> ■ LipuMax P ■ Oleopator/Oleopass P ■ FapuMax P 	—	0150.34.32

ACO Grease Separator P-SD

with integrated top section



- For selected Nominal Sizes of grease separators, up to NS 5.5
- With integrated raising tube
- Load classes A, B or D
- No buoyancy protection needed if inlet invert does not exceed 800 mm



ACO Grease Separator LipuMax P-SD

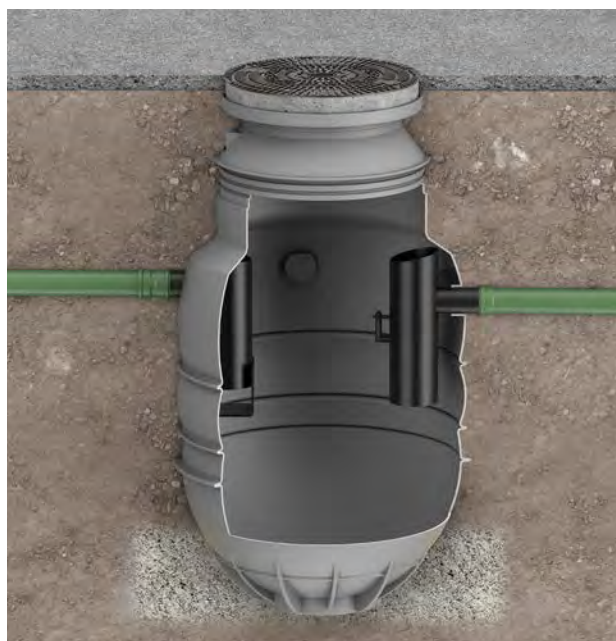
with integrated top section

Product information

Grease separator of polyethylene for below ground installation

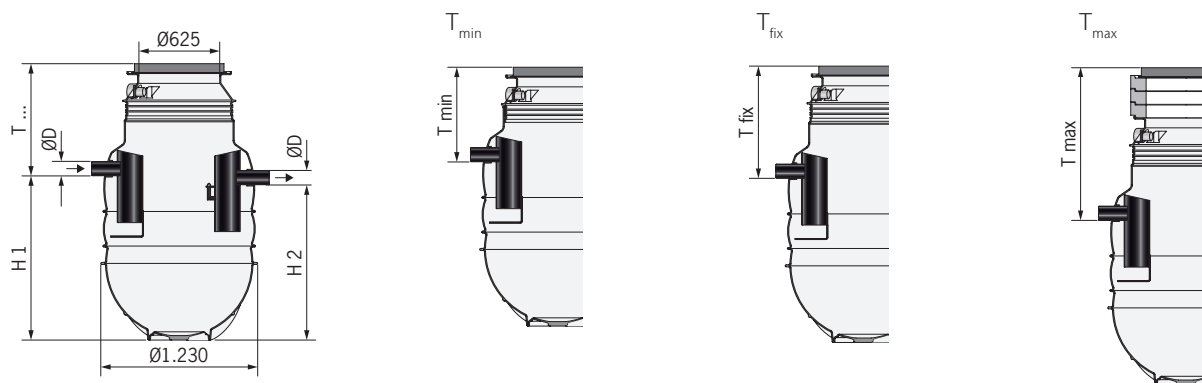
- According to EN 1825
- Type test report
- 7310374-01a (NS 2 & NS 4)
- 7310372-01 (NS 5.5)
- Inlet and outlet connection according to outside diameter OD depending on Nominal Size of separator
- Disposal and cleaning via cover
- With integrally formed raising tube for varying inlet heights
- Optionally upgradable with concrete supporting rings 60, 80 and 100 mm up to inlet invert Tmax
- With flat ring for sealing between cover and separator

Note: Cover (accessory) is not included, page 37



Installation example shows ACO LipuMax P-SD NS 4 for load class B125

LipuMax P-SD – Order data



25

Nominal size	Nominal width	Volume sludge trap [l]	Volume grease storage [l]	Total capacity [l]	OD [mm]	H1 [mm]	H2 [mm]	Class A/B			Weight [kg]	Article No. [grey]
								Tmin* ¹ [mm]	Tfix* ² [mm]	Tmax [mm]		
NS 2	DN 100	240	270	730	110	1,015	945	740	870	1,320	64	3202.40.00
NS 2	DN 100	515	270	1,010	110	1,285	1,215	740	870	1,320	75	3202.40.10
NS 4	DN 100	515	270	1,010	110	1,285	1,215	740	870	1,320	75	3204.40.00
NS 4	DN 100	1000	270	1,475	110	1,770	1,700	740	870	1,230	90	3204.40.10
NS 5.5	DN 150	570	230	1,465	160	1,745	1,675	760	890	1,260	93	3205.40.00

*¹ Load class D does not have Tmin

*² Load class A15 and B125 only, for load class D, 270 mm have to be added

ACO Grease Separator P

with separated top section



- For selected Nominal Sizes of grease separators, up to NS 10
- With integrated raising tube
- Load classes A/B or D
- No buoyancy protection needed for load class A/B when inlet invert does not exceed 500 mm
- No buoyancy protection needed for load class D



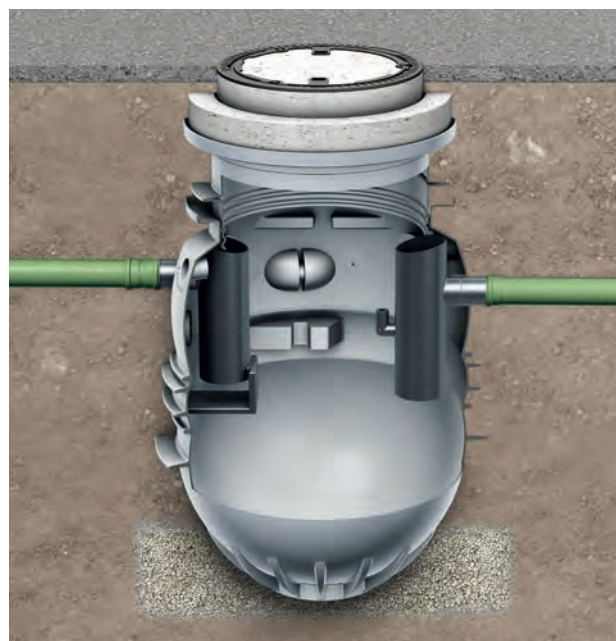
ACO Grease Separator LipuMax P-B

Basic model

Product information

Grease separator of polyethylene for below ground installation

- According to EN 1825 and DIN 4040-100
- Inlet and outlet connection according to outside diameter OD depending on nominal size of separator
- Disposal and cleaning via cover

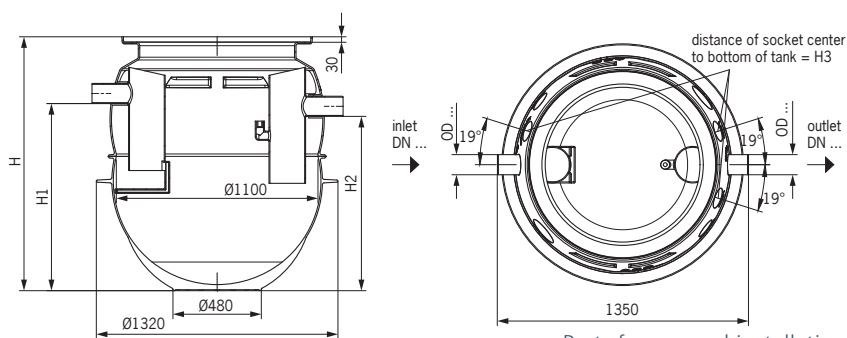


Installation example shows ACO LipuMax P-B NS 4 with a top section unit for load class B 125

LipuMax P-B – Order data

Accessories

- Sampling pots and extension elements, page 39
- Grease level sensor, page 40
Always required for LipuMax P-B



Parts for ground installation

Nominal size	Nominal width	Volume	Volume	Total capacity	OD	H	H1	H2	H3	Weight	Article No.
		sludge trap	grease storage								
NS 2	DN 100	245	270	720	110	1,375	1,015	945	1,130	63	3202.80.00
NS 2	DN 100	460	270	930	110	1,595	1,235	1,165	1,345	79	3202.80.10
NS 4	DN 100	460	270	930	110	1,595	1,235	1,165	1,345	79	3204.80.00
NS 4	DN 100	980	270	1,465	110	2,130	1,770	1,700	1,880	89	3204.80.10
NS 5.5	DN 150	570	230	1,465	160	2,130	1,745	1,675	1,880	93	3205.80.00
NS 5.5	DN 150	1,065	230	1,960	160	2,610	2,225	2,155	2,365	108	3205.80.10
NS 7	DN 150	730	285	1,675	160	2,345	1,960	1,890	2,100	108	3207.80.00
NS 8.5	DN 150	860	360	1,900	160	2,560	2,175	2,105	2,310	115	3208.80.00
NS 10	DN 150	1,010	415	2,170	160	2,830	2,445	2,375	2,580	125	3210.80.00

ACO Grease Separator LipuMax P-D

Extension stage 1

Product information

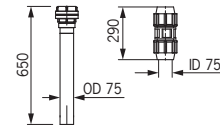
Grease separator of polyethylene for below ground installation

- According to EN 1825 and DIN 4040-100
- inlet and outlet connection according to outside diameter OD depending on nominal size of separator
- Disposal via direct suction line DN 65, PN 10, counter flange and Storz-75 B hose quick coupling and blind cover
- Cleaning via cover



Installation example shows ACO LipuMax P-D NS 4 with a top section unit for load class B 125

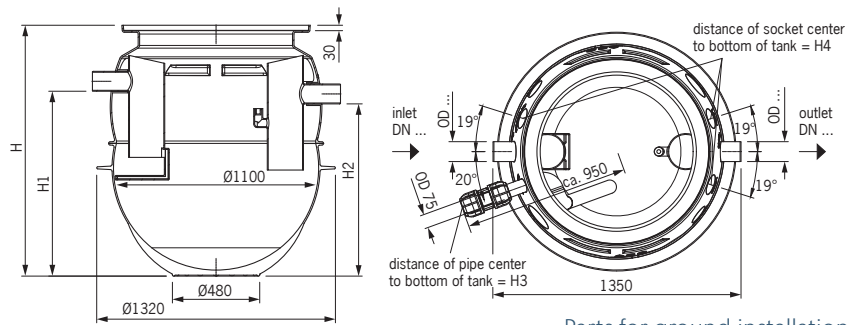
Parts for aboveground installation



LipuMax P-D – Order data

Accessories

- Sampling pots and extension elements, page 39
- Grease level sensor, page 40



Parts for ground installation

Nominal size	Nominal width	Volume sludge trap [l]	Volume grease storage [l]	Total capacity [l]	OD [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	Weight [kg]	Article No. [grey]
NS 2	DN 100	245	270	720	110	1,375	1,015	945	1,150	1,130	66	3202.81.00
NS 2	DN 100	460	270	930	110	1,595	1,235	1,165	1,365	1,345	81	3202.81.10
NS 4	DN 100	460	270	930	110	1,595	1,235	1,165	1,365	1,345	81	3204.81.00
NS 4	DN 100	980	270	1,465	110	2,130	1,770	1,700	1,900	1,880	92	3204.81.10
NS 5.5	DN 150	570	230	1,465	160	2,130	1,745	1,675	1,900	1,880	95	3205.81.00
NS 5.5	DN 150	1065	230	1,960	160	2,610	2,225	2,155	2,380	2,365	111	3205.81.10
NS 7	DN 150	730	285	1,675	160	2,345	1,960	1,890	2,120	2,100	111	3207.81.00
NS 8.5	DN 150	860	360	1,900	160	2,560	2,175	2,105	2,330	2,310	118	3208.81.00
NS 10	DN 150	1,010	415	2,170	160	2,830	2,445	2,375	2,600	2,580	128	3210.81.00

ACO Grease Separator LipuMax P-DM

Extension stage 2

Product information

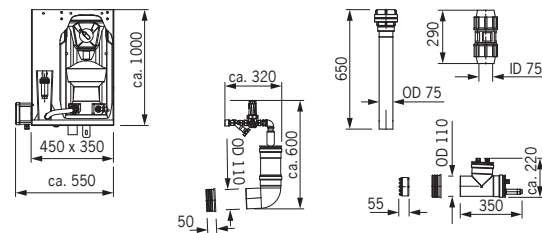
Grease separator of polyethylene
for below ground installation

- According to EN 1825, DIN 4040-100
- Inlet and outlet connection according to outside diameter OD depending on nominal size of separator
- Disposal via direct suction line DN 65, PN 10, counter flange and Storz-75 B hose quick coupling and blind cover
- Filling device ¾" with manual operated ball valve to be installed inside a building with cold water supply
- High pressure internal cleaning
 - High-pressure pump with storage tank to be installed inside a building with cold water supply
 - Manual controlled disposal
 - Nominal pressure: 175 bar
 - Flow rate: 11.6 litre /minute
 - Electrical connection: 400 V/50 Hz/16 A/3.9 kW



Installation example shows ACO LipuMax P-DM NS 4 with a top section unit for load class B 125

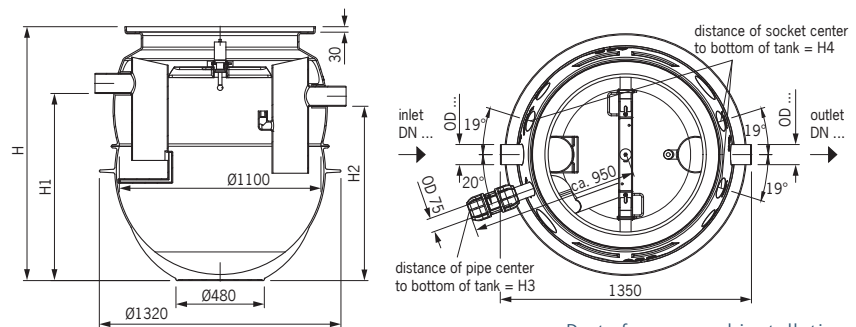
Parts for aboveground installation



LipuMax P-DM – Order data

Accessories

- Sampling pots and extension elements, page 39
 - Grease level sensor, page 40
 - High-pressure hose, page 41
- Always required for LipuMax P-DM*



Parts for ground installation

Nominal size	Nominal width	Volume	Volume	Total	OD	H	H1	H2	H3	H4	Weight	Article No.
		sludge trap [l]	grease storage [l]	capacity [l]								
NS 2	DN 100	245	270	720	110	1,375	1,015	945	1,150	1,130	119	3202.82.00
NS 2	DN 100	460	270	930	110	1,595	1,235	1,165	1,365	1,345	134	3202.82.10
NS 4	DN 100	460	270	930	110	1,595	1,235	1,165	1,365	1,345	134	3204.82.00
NS 4	DN 100	980	270	1,465	110	2,130	1,770	1,700	1,900	1,880	145	3204.82.10
NS 5.5	DN 150	570	230	1,465	160	2,130	1,745	1,675	1,900	1,880	148	3205.82.00
NS 5.5	DN 150	1,065	230	1,960	160	2,610	2,225	2,155	2,380	2,365	164	3205.82.10
NS 7	DN 150	730	285	1,675	160	2,345	1,960	1,890	2,120	2,100	164	3207.82.00
NS 8.5	DN 150	860	360	1,900	160	2,560	2,175	2,105	2,330	2,310	171	3208.82.00
NS 10	DN 150	1,010	415	2,170	160	2,830	2,445	2,375	2,600	2,580	181	3210.82.00

ACO Grease Separator LipuMax P-DA

Extension stage 3

Product information

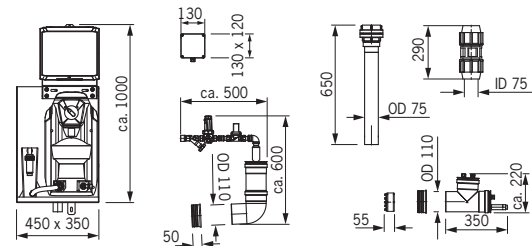
Grease separator of polyethylene for below ground installation

- According to EN 1825, DIN 4040-100
- Inlet and outlet connection according to outside diameter OD depending on nominal size of separator
- Disposal via direct suction line DN 65, PN 10, counter flange and Storz-75 B hose quick coupling and blind cover
- Filling device ¾" with solenoid valve to be installed inside a building with cold water supply
- High pressure internal cleaning
 - High-pressure pump with storage tank to be installed inside a building with cold water supply
 - Automatic program controlled disposal via remote control
 - Nominal pressure: 175 bar
 - Flow rate: 11.6 litre/minute
 - Electrical connection: 400 V/ 50 Hz/ 16 A/ 3.9 kW



Installation example shows ACO LipuMax P-DA NS 4 with a top section unit for load class B 125

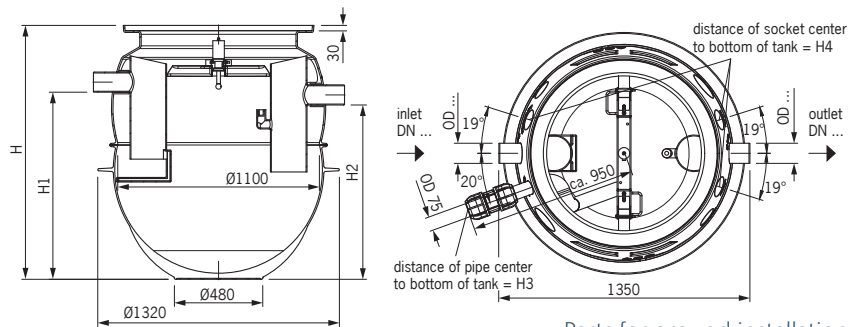
Parts for aboveground installation



LipuMax P-DAP – Order data

Accessories

- Sampling pots and extension elements, page 39
 - Grease level sensor, page 40
 - High-pressure hose, page 41
- Always required for LipuMax P-DA*



Parts for ground installation

Nominal size	Nominal width	Volume sludge trap [l]	Volume grease storage [l]	Total capacity [l]	OD [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	Weight [kg]	Article No. [grey]
NS 2	DN 100	245	270	720	110	1,375	1,015	945	1,150	1,130	123	3202.83.00
NS 2	DN 100	460	270	930	110	1,595	1,235	1,165	1,365	1,345	138	3202.83.10
NS 4	DN 100	460	270	930	110	1,595	1,235	1,165	1,365	1,345	138	3204.83.00
NS 4	DN 100	980	270	1,465	110	2,130	1,770	1,700	1,900	1,880	149	3204.83.10
NS 5.5	DN 150	570	230	1,465	160	2,130	1,745	1,675	1,900	1,880	152	3205.83.00
NS 5.5	DN 150	1,065	230	1,960	160	2,610	2,225	2,155	2,380	2,365	167	3205.83.10
NS 7	DN 150	730	285	1,675	160	2,345	1,960	1,890	2,120	2,100	168	3207.83.00
NS 8.5	DN 150	860	360	1,900	160	2,560	2,175	2,105	2,330	2,310	175	3208.83.00
NS 10	DN 150	1,010	415	2,170	160	2,830	2,445	2,375	2,600	2,580	185	3210.83.00

ACO Grease Separator LipuMax P-DAP

Extension stage 3 with disposal pump

Product information

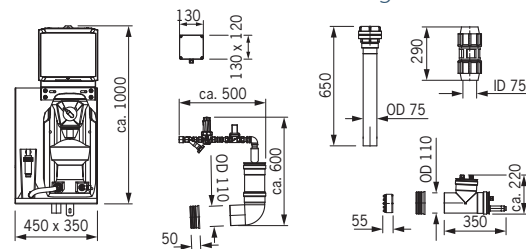
Grease separator of polyethylene for below ground installation

- According to EN 1825, DIN 4040-100
- Inlet and outlet connection according to outside diameter OD depending on Nominal Size of separator
- Disposal via direct suction line DN 65, PN 10, counter flange and Storz-75 B hose quick coupling and blind cover
- Filling device 3/4" with solenoid valve to be installed inside a building with cold water supply
- High pressure internal cleaning
 - High-pressure pump with storage tank to be installed inside a building with cold water supply
 - Automatic program controlled disposal via remote control
 - Nominal pressure of high pump: 175 bar
 - Flow rate: 11.6 l/s
- Disposal pump (submerged pump) with free flow impeller:
 - Motor capacity: 3.7 kW
 - Speed: 2,880 rpm
 - Degree of protection: IP 68
 - Weigh: approx. 55 kg
- Electrical connection: 400 V / 50 Hz / 16 A / 8.0 kW



Installation example shows ACO LipuMax P-DA NS 4 with a top section unit for load class B 125

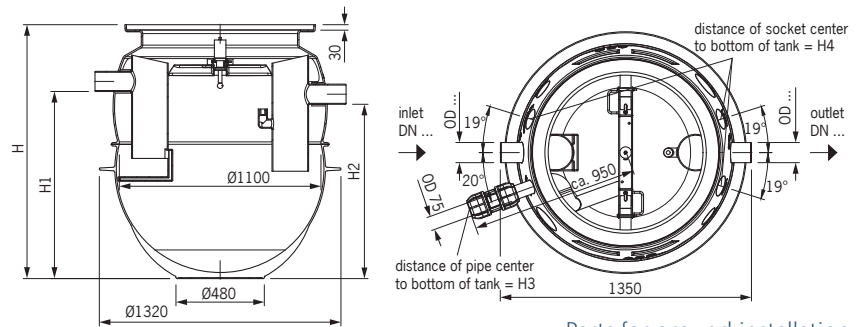
Parts for aboveground installation



LipuMax P-DA – Order data

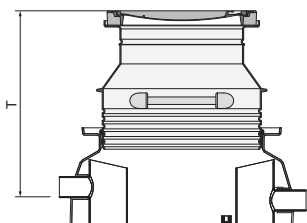
Accessories

- Sampling pots and extension elements, page 39
 - Grease level sensor, page 40
 - High-pressure hose, page 41
- Always required for LipuMax P-DAP



Parts for ground installation

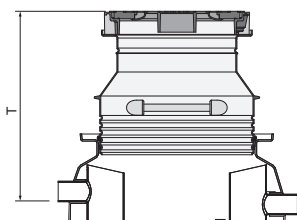
Nominal size	Nominal width	Volume sludge trap [l]	Volume grease storage [l]	Total capacity [l]	OD [mm]	H [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	Weight [kg]	Article No. [grey]
NS 4	DN 100	460	270	930	110	1,595	1,235	1,165	1,365	1,345	182	3204.84.00
NS 5.5	DN 150	570	230	1,465	160	2,130	1,745	1,675	1,900	1,880	207	3205.84.00
NS 7	DN 150	730	285	1,675	160	2,345	1,960	1,890	2,120	2,100	227	3207.84.00
NS 8.5	DN 150	860	360	1,900	160	2,560	2,175	2,105	2,330	2,310	232	3208.84.00
NS 10	DN 150	1010	415	2,170	160	2,830	2,445	2,375	2,600	2,580	247	3210.84.00

Top section 600, load class A 15 – Order data

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

*installation height can also be achieved with item 3300.34.12

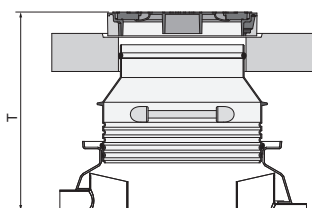
	NS 2	NS 2	NS 4	NS 4	NS 5.5	NS 5.5	NS 7	NS 8.5	NS 10	Weight	Article No.
	ST 200	ST 400	ST 400	ST 800	ST 550	ST 1100	ST 700	ST 850	ST 1000		
T										[kg]	[grey]
870–990	870–990	870–990	870–990	870–990	895–1,015	895–1,015	895–1,015	895–1,015	895–1,015	107	3300.34.11
870–1,440	870–1,440	870–1,440	870–1,440	870–1,440	895–1,465	895–1,375	895–1,465	895–1,425	895–1,155	111	3300.34.12
870–2,020	870–2,020	870–2,020	870–2,020	870–1,830	895–1,855	895–1,375*	895–1,640	895–1,425*	895–1,155*	119	3300.34.13

Top section 600, load class B 125 – Order data

- Load class B 125 according to EN 124
- Frame from concrete, SAKU cover from polyethylene
- Clear opening Ø 600 mm
- Cover odour proof sealed
- Raising tube from polyethylene

*installation height can also be achieved with item 3300.35.12

	NS 2	NS 2	NS 4	NS 4	NS 5.5	NS 5.5	NS 7	NS 8.5	NS 10	Weight	Article No.
	ST 200	ST 400	ST 400	ST 800	ST 550	ST 1100	ST 700	ST 850	ST 1000		
T										[kg]	[grey]
905–1,025	905–1,025	905–1,025	905–1,025	905–1,025	930–1,050	930–1,050	930–1,050	930–1,050	930–1,050	85	3300.35.11
905–1,475	905–1,475	905–1,475	905–1,475	905–1,475	930–1,500	930–1,375	930–1,500	930–1,425	930–1,155	89	3300.35.12
905–2,070	905–2,070	905–2,070	905–2,070	905–1,830	930–1,855	930–1,375*	930–1,640	930–1,425*	930–1,155*	97	3300.35.13

Top section 600, load class D 400 – Order data

- Load class D 400 according to EN 124
- Frame from concrete, cover from cast iron
- Clear opening Ø 600 mm
- Cover odour proof sealed
- Adapter plate from concrete Ø 1,000 mm x 150 mm
- Raising tube from polyethylene
- Selectively with load distribution plate from concrete
Ø 1,500 mm x 200 mm

Load dis- tribution plate	Raising tube length	NS 2	NS 2	NS 4	NS 4	NS 5.5	NS 5.5	NS 7	NS 8.5	NS 10	Weight	Article No.
		ST 200	ST 400	ST 400	ST 800	ST 550	ST 1100	ST 700	ST 850	ST 1000		
											[kg]	[grey]
with	short	915–1,035	915–1,035	915–1,035	915–1,035	940–1,060	940–1,060	940–1,060	940–1,060	940–1,060	850	3300.36.08
with	medium	915–1,485	915–1,485	915–1,485	915–1,485	940–1,510	940–1,375	940–1,510	940–1,425	940–1,155	864	3300.36.09
with	long	915–2,050	915–2,050	915–2,050	915–1,830	940–1,855	940–1,375	940–1,640	940–1,425	940–1,155	870	3300.36.10
without	short	915–1,035	915–1,035	915–1,035	915–1,035	940–1,060	940–1,060	940–1,060	940–1,060	940–1,060	130	3300.37.08
without	medium	915–1,485	915–1,485	915–1,485	915–1,485	940–1,510	940–1,375	940–1,510	940–1,425	940–1,155	144	3300.37.09
without	long	915–2,050	915–2,050	915–2,050	915–1,830	940–1,855	940–1,375	940–1,640	940–1,425	940–1,155	150	3300.37.10

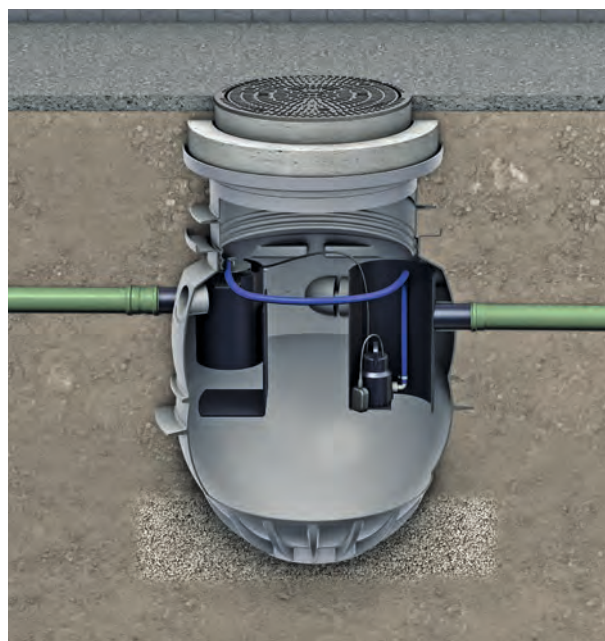
ACO Starch Separator FapuMax P-B

Basic Model

Product information

Starch separator of polyethylene for below ground installation

- Inlet and outlet connection according to outside diameter OD depending on nominal size of separator
- Spray power head to rinse off the starch
- Circular pump for operation of the spray shower
- Control unit for operation of circular pump via potato peeling machine
- Disposal and cleaning via cover



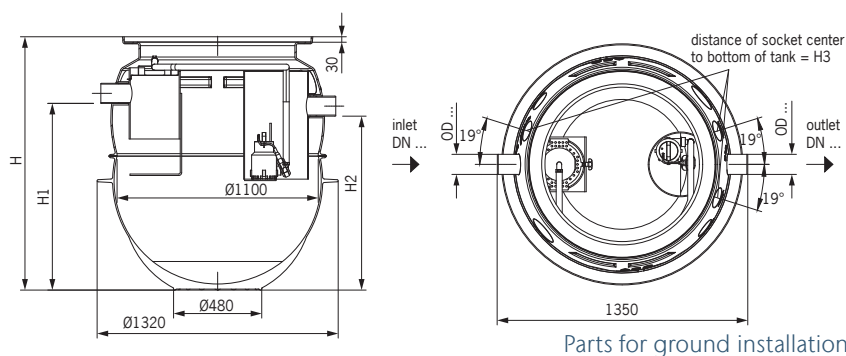
Installation example shows ACO FapuMax P-B NS 1 with a top section unit for load class B 125

FapuMax P-B – Order data

Accessories

- Sampling pots and extension elements, page 39

Always required for FapuMax P-B



Parts for ground installation

Nominal size	Nominal width	Total capacity	OD	H	H1	H2	H3	Weight	Article No.
NS 1	DN 100	720	110	1,375	1,015	945	1,130	65	3301.80.00
NS 2	DN 150	1,465	160	2,130	1,745	1,675	1,880	95	3302.80.00
NS 3	DN 150	2,170	160	2,830	2,445	2,375	2,580	127	3303.80.00

ACO Starch Separator FapuMax P-DA

Extension stage 3

Product information

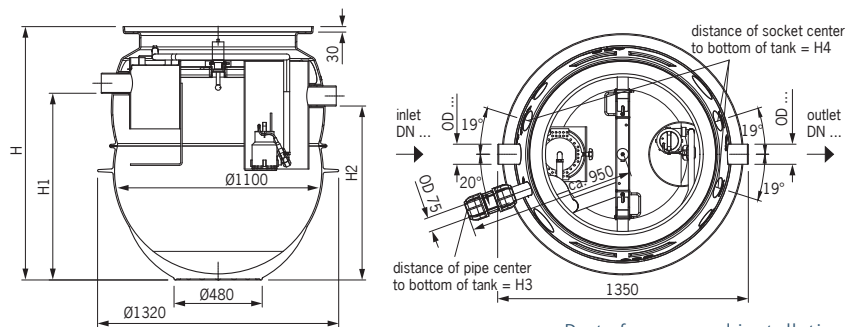
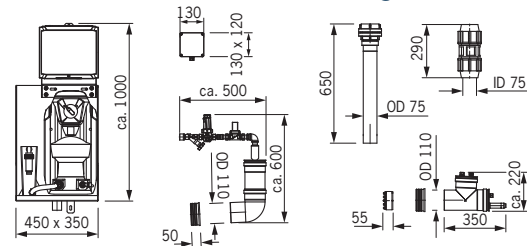
Starch separator of polyethylene for below ground installation

- Inlet and outlet connection according to outside diameter OD depending on nominal size of separator
- Spray power head to rinse off the starch
- Circular pump for operation of the spray shower
- Control unit for operation of circular pump via potato peeling machine
- Disposal via direct suction line DN 65, PN 10, counter flange and Storz-75 B hose quick coupling and blind cover
- Filling device 3/4" with solenoid valve to be installed inside a building with cold water supply
- High pressure internal cleaning
 - High-pressure pump with storage tank to be installed inside a building with cold water supply
 - Automatic program controlled disposal via remote control
 - Nominal pressure: 175 bar
 - Flow rate: 11.6 litre/minute nominal pressure: 175 bar
 - Electrical connection: 400 V/50 Hz/16 A/3.9 kW



Installation example shows ACO FapuMax P-DA NS 1 with a top section for load class B 125

Parts for aboveground installation



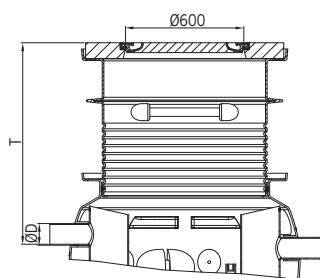
Parts for ground installation

LipuMax P-DA – Order data

Accessories

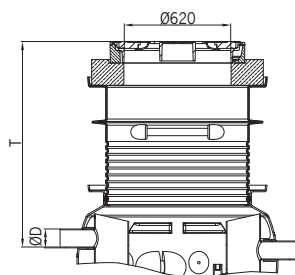
- Sampling pots and extension elements, page 39
 - High-pressure hose, page 41
- Always required for FapuMax P-DA

Nominal size	Nominal width	Total capacity	OD	H	H1	H2	H3	H4	Weight	Article No.
		[l]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]	[grey]
NS 1	DN 100	720	110	1,375	1,015	945	1,150	1,130	125	3301.83.00
NS 2	DN 150	1,465	160	2,130	1,745	1,675	1,900	1,880	155	3302.83.00
NS 3	DN 150	2,170	160	2,830	2,445	2,375	2,600	2,580	187	3303.83.00

Top section 800, load class A 15 – Order data

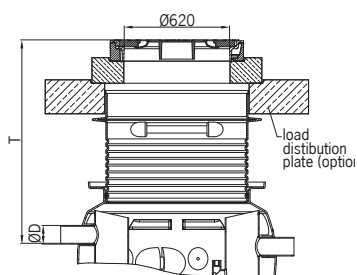
- Load class A 15 according to EN 124
- Frame from concrete, cover from cast iron
- Clear opening Ø 600 mm
- Cover odour proof sealed
- Raising tube from polyethylene
(only included with top section 3300.14.01 and 3300.14.02)

	NS 1	NS 2	NS 3	Weight	Article No.
				[kg]	[grey]
T [mm]	425	450	450	142	3300.14.00
	760–1,040	785–1,065	785–1,065	170	3300.14.01
	760–2,030	785–1,855	785–1,155	193	3300.14.02

Top section 800, load class B 125 – Order data

- Load class B 125 according to EN 124
- Frame from concrete, SAKU cover from polyethylene
- Clear opening Ø 600 mm
- Cover odour proof sealed
- Adapter plate from concrete Ø 1,000 mm x 150 mm
- Raising tube from polyethylene (only included with top section 3300.15.01 and 3300.15.02)

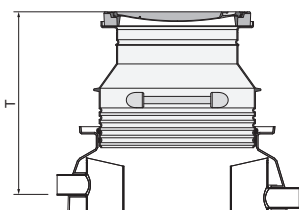
	NS 1	NS 2	NS 3	Weight	Article No.
				[kg]	[grey]
T [mm]	600	625	625	220	3300.15.00
	935–1,215	960–1,240	960–1,240	307	3300.15.01
	935–2,205	960–1,855	960–1,155	330	3300.15.02

Top section 800, load class D 400 – Order data

- Load class D 400 according to EN 124
- Frame from concrete, cover from cast iron
- Clear opening Ø 600 mm
- Cover odour proof sealed
- Adapter plate from concrete Ø 1,000 mm x 150 mm
- Raising tube from polyethylene
- Selectively with load distribution plate from concrete
Ø 1,500 mm x 200 mm

	NS 1	NS 2	NS 3	Weight	Article No.
				[kg]	[grey]
T [mm] without load distribution plate	935–2,185	960–1,855	960–1,155	330	3300.17.00
T [mm] with load distribution plate	935–2,185	960–1,855	960–1,155	1,030	3300.16.00

Top section 600, load class A 15 – Order data

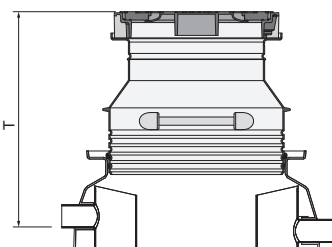


- Load class A 15 according to EN 124
- Frame from concrete, cover from cast iron
- Clear opening Ø 600 mm
- Cover loosely applied
- Raising tube from polyethylene

*installation height can also be achieved with item 3300.34.12

	NS 1	NS 2	NS 3	Weight [kg]	Article No. [grey]
T [mm]	870–990	895–1,015	895–1,015	107	3300.34.11
	870–1,440	895–1,465	895–1,155	111	3300.34.12
	870–2,020	895–1,855	895–1,155*	119	3300.34.13

Top section 600, load class B 125 – Order data

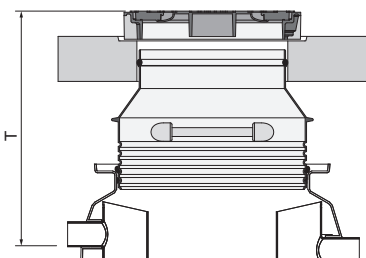


- Load class B 125 according to EN 124
- Frame from concrete, SAKU cover from polyethylene
- Clear opening Ø 600 mm
- Cover loosely applied
- Raising tube from polyethylene

*Installation height can also be achieved with item 3300.35.12

	NS 1	NS 3	NS 3	Weight [kg]	Article No. [grey]
T [mm]	905–1,025	930–1,050	930–1,050	85	3300.35.11
	905–1,475	930–1,500	930–1,155	89	3300.35.12
	905–2,070	930–1,855	930–1,155*	97	3300.35.13

Top section 600, load class D 400 – Order data



- Load class D 400 according to EN 124
- Frame from concrete, cover from cast iron
- Clear opening Ø 600 mm
- Cover loosely applied
- Raising tube from polyethylene
- Selectively with load distribution plate from concrete
Ø 1,500 mm x 200 mm

Load distribution plate	Raising tube length	NS 1	NS 2	NS 3	Weight [kg]	Article No. [grey]
with	short	915–1,035	940–1,060	940–1,060	850	3300.36.08
with	medium	915–1,485	940–1,510	940–1,155	864	3300.36.09
with	long	915–2,050	940–1,855	940–1,155	870	3300.36.10
without	short	915–1,035	940–1,060	940–1,060	130	3300.37.08
without	medium	915–1,485	940–1,510	940–1,155	144	3300.37.09
without	long	915–2,050	940–1,855	940–1,155	150	3300.37.10

ACO Light Liquid Separator P-SD

with integrated top section



- For selected Nominal Sizes of light liquid separators
- With integrated raising tube
- Load classes A, B or D
- No buoyancy protection needed if inlet invert does not exceed 800 mm

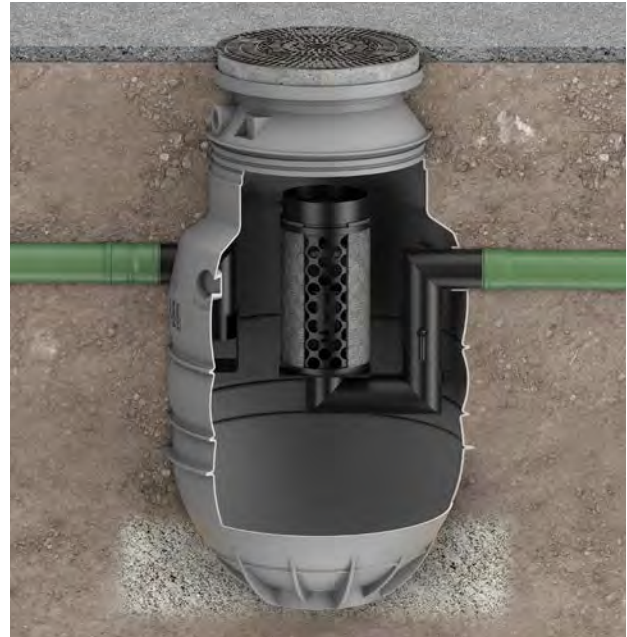


ACO Light Liquid Separator Oleopator P-SD

Product information

Light liquid separator of polyethylene for below ground installation

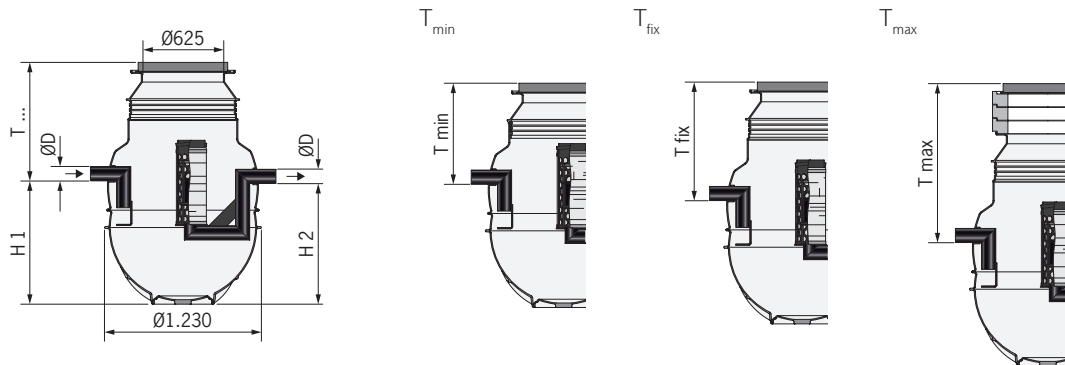
- According to EN 858
- Type test report
 - 7310434-01 (NS 3)
 - 7310434-02 (NS 6)
 - 7310434-03 (NS 8)
 - 7310434-03 (NS 10)
- Inlet and outlet connection according to outside diameter OD depending on Nominal Size of separator
- Inlet and outlet parts of polyethylene
- With integrated removable coalescing filter
- Automatic closure device with float switch, density of float switch: 0.9 g/cm³
- Disposal and cleaning via cover
- With integrally formed raising tube for varying inlet heights
- Optionally upgradable with concrete supporting rings 60, 80 and 100 mm up to inlet invert Tmax



Installation example shows ACO Oleopator P-SD NS 3 for load class B125

Note: Cover (accessory) is not included, page 36

Oleopator P-SD – Order data



Nominal size	Nominal width	Volume sludge trap [l]	Volume oil storage [l]	Total capacity [l]	OD [mm]	H1 [mm]	H2 [mm]	Class A/B			Weight [kg]	Article No. [grey]
								Tmin* ¹ [mm]	Tfix* ² [mm]	Tmax [mm]		
NS 3/300	DN 100	380	240	730	110	960	940	845	975	1,375	68	3903.40.00
NS 3/600	DN 100	660	240	1,000	110	1,230	1,210	845	975	1,375	79	3913.40.00
NS 3/900	DN 100	930	240	1,270	110	1,445	1,425	845	975	1,375	84	3923.40.00
NS 6/600	DN 150	700	235	1,040	160	1,255	1,235	815	955	1,345	86	3906.40.00
NS 6/1200	DN 150	1,180	235	1,530	160	1,740	1,720	815	955	1,265	101	3916.40.00
NS 8/800	DN 150	780	260	1,250	160	1,470	1,450	815	955	1,345	96	3908.40.00
NS 10/1000	DN 150	1,060	260	1,530	160	1,740	1,720	815	955	1,265	105	3910.40.00

*¹ Load class D does not have Tmin

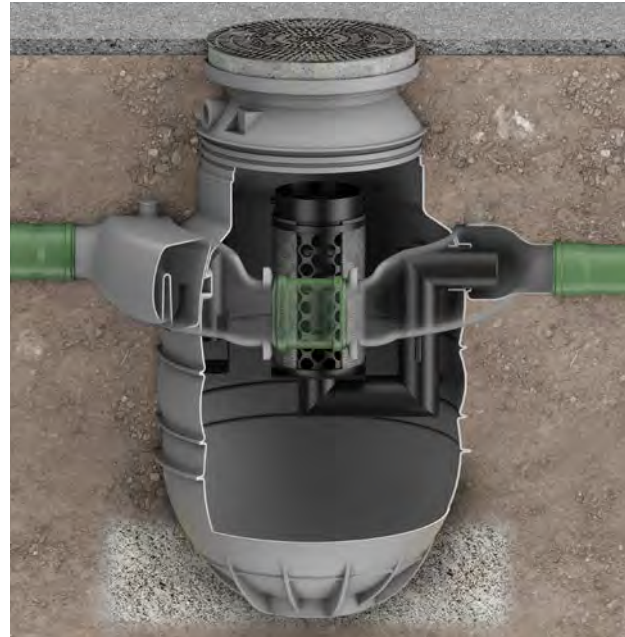
*² Load class A15 and B125 only, for load class D, 270 mm have to be added

ACO Light Liquid Separator Oleopass P-SD

Product information

Light liquid separator of polyethylene for below ground installation

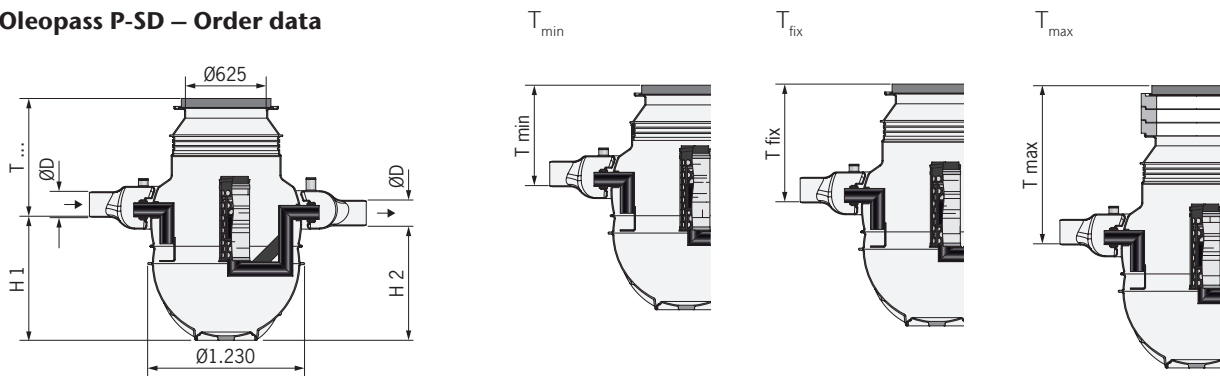
- According to EN 858
- Type test report
 - 7310434-01 (NS 3)
 - 7310434-02 (NS 6)
 - 7310434-03 (NS 8)
 - 7310434-03 (NS 10)
- Inlet and outlet connection according to outside diameter OD depending on Nominal Size of separator
- Inlet and outlet parts of polyethylene
- With integrated removable coalescing filter
- Automatic closure device with float switch, density of float switch: 0.9 g/cm³
- With bypass of polyethylene
- Disposal and cleaning via cover
- With integrally formed raising tube for varying inlet heights
- Optionally upgradable with concrete supporting rings 60, 80 and 100 mm up to inlet invert T_{max}



Installation example shows ACO Oleopass P-SD NS 3 for load class B125

Note: Cover (accessory) is not included, page 36

Oleopass P-SD – Order data



Nominal size	Total flow rate [l/s]	Nominal width	Volume sludge trap [l]	Volume oil storage	Total capacity [l]	OD [mm]	H1 [mm]	H2 [mm]	Class A/B			Weight [kg]	Article No. [grey]
									T _{min} * ¹ [mm]	T _{fix} * ² [mm]	T _{max} [mm]		
NS 3/300	15	DN 200	380	240	730	200	960	895	845	975	1,375	93	3903.41.00
NS 3/600	15	DN 200	660	240	1,000	200	1,230	1,165	845	975	1,375	104	3913.41.00
NS 3/900	30	DN 200	930	240	1,270	200	1,445	1,380	845	975	1,375	109	3923.41.00
NS 6/600	30	DN 250	700	235	1,040	250	1,255	1,190	815	955	1,345	123	3906.41.00
NS 6/1200	30	DN 250	1,180	235	1,530	250	1,740	1,675	815	955	1,265	128	3916.41.00
NS 8/800	50	DN 250	780	260	1,250	250	1,470	1,405	815	955	1,345	124	3908.41.00
NS 10/1000	50	DN 250	1,060	260	1,530	250	1,740	1,675	815	955	1,265	133	3910.41.00

*¹ Load class D does not have T_{min}

*² Load class A15 and B125 only, for load class D, 270 mm have to be added

ACO Light Liquid Separator P

with separated top section



- For selected Nominal Sizes of light oil separators
- With integrated raising tube
- Load classes A/B or D
- No buoyancy protection needed for load class A/B when inlet invert does not exceed 500 mm
- No buoyancy protection needed for load class D



ACO Light Liquid Separator Oleopator P

Class I

Product information

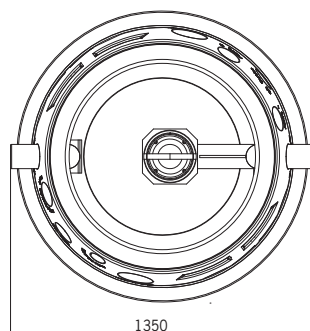
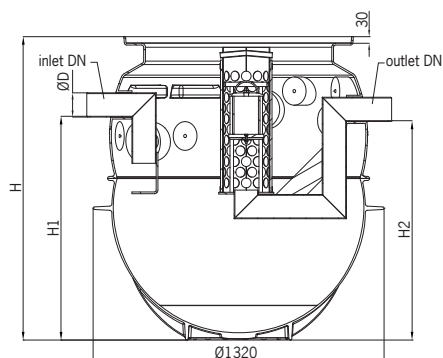
Light liquid separator of polyethylene for below ground installation

- According to EN 858
- Certificate
 - 7310434-01 (NS 3)
 - 7310434-02 (NS 6)
 - 7310434-03 (NS 8)
 - 7310434-03 (NS 10)
- Inlet and outlet connection according to outside diameter OD depending on nominal size of separator
- Inlet and outlet parts of polyethylene
- With integrated removable coalescing filter
- Automatic closure device with float switch, density of float switch: 0.9 g/cm³



Installation example shows ACO Oleopator P NS 3 with a top section unit for load class B 125

Oleopator P – Order data



Accessories

- Sampling pots and extension elements, page 39
- Alarm device, page 41

Nominal size	Nominal width	Volume sludge trap	Volume oil storage	Total capacity	OD	H	H1	H2	Weight	Article No.
		[l]	[l]	[l]						
NS 3	DN 100	450	240	775	110	1,375	1,015	995	67	3903.80.00
NS 3	DN 100	670	240	995	110	1,595	1,235	1,215	83	3913.80.00
NS 3	DN 100	950	240	1,280	110	1,865	1,505	1,485	84	3923.80.00
NS 6	DN 150	660	235	970	160	1,595	1,210	1,190	91	3906.80.00
NS 6	DN 150	1,210	235	1,525	160	2,130	1,745	1,725	101	3916.80.00
NS 8	DN 150	820	260	1,250	160	1,865	1,480	1,460	94	3908.80.00
NS 10	DN 150	1,080	260	1,615	160	2,130	1,745	1,725	105	3910.80.00

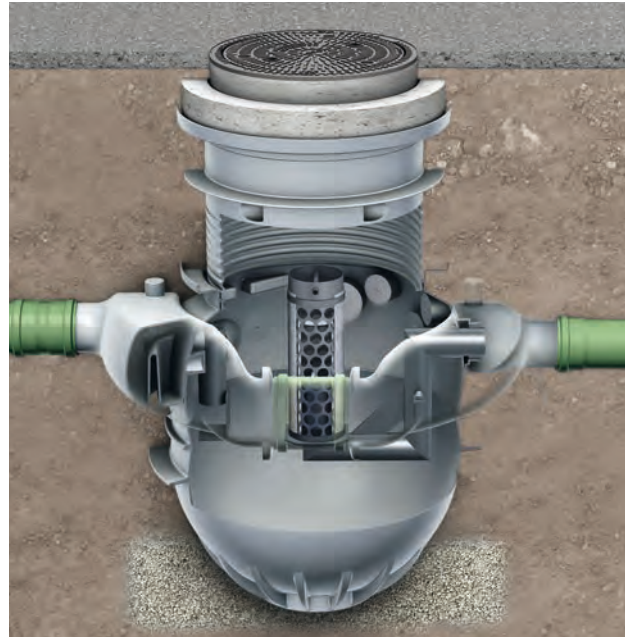
ACO Light Liquid Separator Oleopass P

Class I with bypass

Product information

Light liquid separator of polyethylene for below ground installation

- According to EN 858
- Certificate
 - 7310434-01 (NS 3)
 - 7310434-02 (NS 6)
 - 7310434-03 (NS 8)
 - 7310434-03 (NS 10)
- Inlet and outlet connection according to outside diameter D depending on nominal size of separator
- Inlet and outlet parts of polyethylene
- With integrated removable coalescing filter
- Automatic closure device with float switch, density of float switch: 0.9 g/cm³
- With bypass of polyethylene

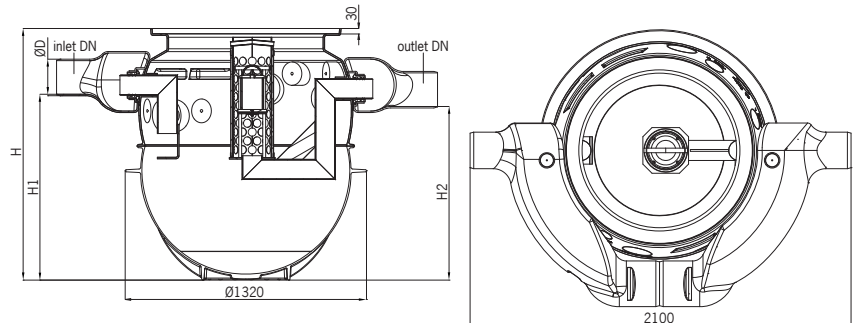


Installation example shows ACO Oleopass P NS 3 with a top section unit for load class B 125 for load class B 125

Oleopass P – Order data

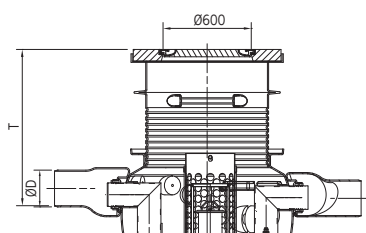
Accessories

- Sampling pots and extension elements, page 39
- Alarm device, page 41



Nominal size	Nominal width	Total flow rate	Volume sludge trap	Volume oil storage	Total capacity	D	H	H1	H2	Weight	Article No.
						[mm]	[mm]	[mm]	[mm]		
NS 3	DN 200	15	450	240	775	200	1,375	1,015	945	90	3903.81.00
NS 3	DN 200	15	670	240	995	200	1,595	1,235	1,165	106	3913.81.00
NS 3	DN 200	15	950	240	1,280	200	1,865	1,505	1,435	107	3923.81.00
NS 6	DN 250	30	660	235	970	250	1,595	1,210	1,140	114	3906.81.00
NS 6	DN 250	30	1,210	235	1,525	250	2,130	1,745	1,675	124	3916.81.00
NS 8	DN 250	50	820	260	1,250	250	1,865	1,480	1,410	104	3908.81.00
NS 10	DN 250	50	1,080	260	1,615	250	2,130	1,745	1,675	130	3910.81.00

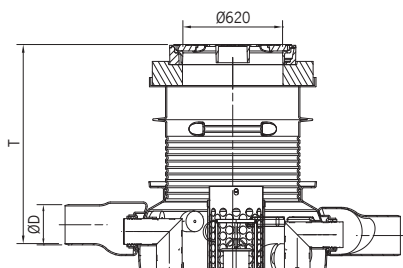
Top section 800, load class A 15 – Order data



- Load class A 15 according to EN 124
- Frame from concrete, cover from cast iron
- Clear opening Ø 600 mm
- Cover loosely applied
- Raising tube from polyethylene (only included with top section 3301.14.01 and 3301.14.02)

	NS 3 ST 300	NS 3 ST 600	NS 3 ST 900	NS 6 ST 600	NS 6 ST 1200	NS 8 ST 800	NS 10 ST 1000	Weight [kg]	Article No. [grey]
T [mm]	425	425	425	450	450	450	450	145	3301.14.00
	760-1,040	760-1,040	760-1,040	785-1,065	785-1,065	785-1,065	785-1,065	170	3301.14.01
	760-2,030	760-2,030	760-2,030	785-2,055	785-1,855	785-1,520	785-1,855	193	3301.14.02

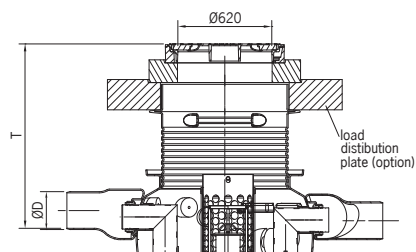
Top section 800, load class B 125 – Order data



- Load class B 125 according to EN 124
- Frame from concrete, SAKU cover from polyethylene
- Clear opening Ø 600 mm
- Cover loosely applied
- Adapter plate from concrete Ø 1,000 mm x 150 mm
- Raising tube from polyethylene (only included with top section 3301.15.01 and 3301.15.02)

	NS 3 ST 300	NS 3 ST 600	NS 3 ST 900	NS 6 ST 600	NS 6 ST 1200	NS 8 ST 800	NS 10 ST 1000	Weight [kg]	Article No. [grey]
T [mm]	600	600	600	625	625	625	625	237	3301.15.00
	935-1,215	935-1,215	935-1,215	960-1,240	960-1,240	960-1,240	960-1,240	262	3301.15.01
	935-2,205	935-2,205	935-2,205	960-2,230	960-1,855	960-1,520	960-1,855	285	3301.15.02

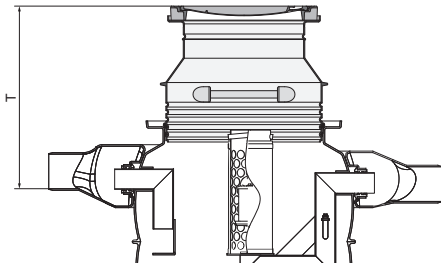
Top section 800, load class D 400 – Order data



- Load class D 400 according to EN 124
- Frame from concrete, cover from cast iron
- Clear opening Ø 600 mm
- Cover loosely applied
- Adapter plate from concrete Ø 1,000 mm x 150 mm
- Raising tube from polyethylene
- Selectively with load distribution plate from concrete Ø 1,500 mm x 200 mm

	NS 3 ST 300	NS 3 ST 600	NS 3 ST 900	NS 6 ST 600	NS 6 ST 1200	NS 8 ST 800	NS 10 ST 1000	Weight [kg]	Article No. [grey]
T [mm] without load distribution plate	935-2,185	935-2,185	935-2,185	960-2,210	960-1,855	960-1,520	960-1,855	285	3301.17.00
T [mm] with load distribution plate	935-2,185	935-2,185	935-2,185	960-2,210	960-1,855	960-1,520	960-1,855	985	3301.16.00

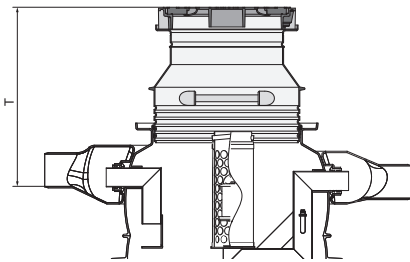
Top section 600, load class A 15 – Order data



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

T [mm]	NS 3	NS 3	NS 3	NS 6	NS 6	NS 8	NS 10	Weight [kg]	Article No. [grey]
	ST 300	ST 600	ST 900	ST 600	ST 550	ST 800	ST 1000		
870–990	870–990	870–990	870–990	895–1,015	895–1,015	895–1,015	895–1,015	96	3301.34.11
870–1,440	870–1,440	870–1,440	870–1,440	895–1,465	895–1,465	895–1,465	895–1,465	104	3301.34.12
870–2,020	870–2,020	870–2,020	870–2,020	895–2,045	895–1,855	895–1,520	895–1,855	115	3301.34.13

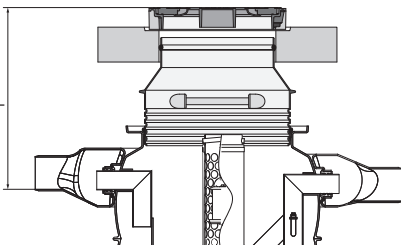
Top section 600, load class B 125 – Order data



- Load class B 125 according to EN 124
- Frame from concrete, SAKU cover from polyethylene
- Clear opening Ø 600 mm
- Cover loosely applied
- Raising tube from polyethylene

T [mm]	NS 3	NS 3	NS 3	NS 6	NS 6	NS 8	NS 10	Weight [kg]	Article No. [grey]
	ST 300	ST 600	ST 900	ST 600	ST 1200	ST 800	ST 1000		
905–1,025	905–1,025	905–1,025	905–1,025	930–1,050	930–1,050	930–1,050	930–1,050	84	3301.35.11
905–1,475	905–1,475	905–1,475	905–1,475	930–1,500	930–1,500	930–1,500	930–1,500	92	3301.35.12
905–2,070	905–2,070	905–2,070	905–2,070	930–2,095	930–1,855	930–1,520	930–1,855	103	3301.35.13

Top section 600, load class D 400 – Order data



- Load class D 400 according to EN 124
- Frame from concrete, cover from cast iron
- Clear opening Ø 600 mm
- Cover loosely applied
- Raising tube from polyethylene
- Selectively with load distribution plate from concrete
Ø 1,500 mm x 200 mm

Load dis- tribution plate	Raising tube length	NS 3	NS 3	NS 3	NS 6	NS 6	NS 8	NS 10	Weight [kg]	Article No. [grey]
		ST 300	ST 600	ST 900	ST 600	ST 1200	ST 800	ST 1000		
with	short	915–1,035	915–1,035	915–1,035	940–1,060	940–1,060	940–1,060	940–1,060	814	3301.36.08
with	medium	915–1,485	915–1,485	915–1,485	940–1,510	940–1,510	940–1,510	940–1,510	822	3301.36.09
with	long	915–2,050	915–2,050	915–2,050	940–2,075	940–1,855	940–1,520	940–1,855	834	3301.36.10
without	short	915–1,035	915–1,035	915–1,035	940–1,060	940–1,060	940–1,060	940–1,060	85	3301.37.08
without	medium	915–1,485	915–1,485	915–1,485	940–1,510	940–1,510	940–1,510	940–1,510	93	3301.37.09
without	long	915–2,050	915–2,050	915–2,050	940–2,075	940–1,855	940–1,520	940–1,855	105	3301.37.10

ACO Sludge Traps P-SD

with integrated top section



- For selected Nominal Sizes of sludge traps
- With integrated raising tube
- Load classes A, B or D
- No buoyancy protection needed if inlet invert does not exceed 800 mm



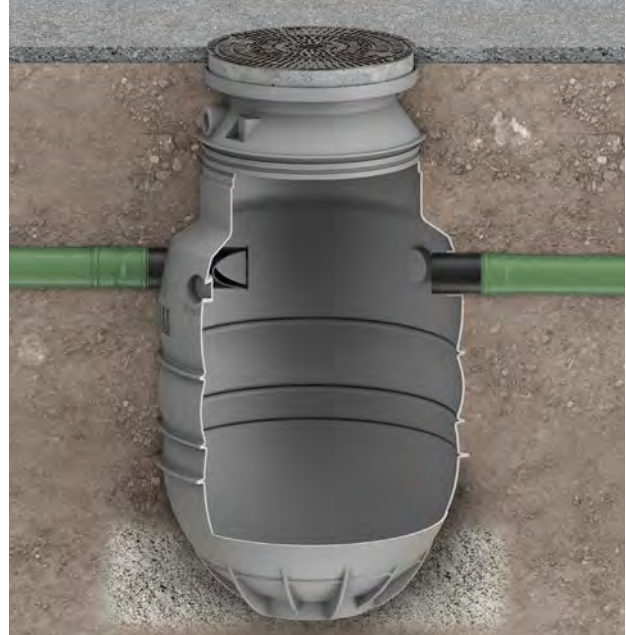
ACO Sludge Trap P-SD

Product information

Sludge trap of polyethylene for below ground installation

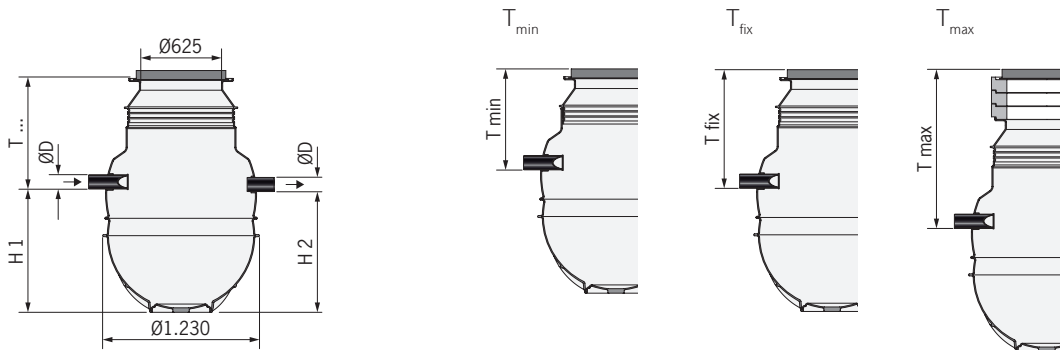
- Inlet and outlet connection depending on size of sludge trap
- Inlet and outlet parts of polyethylene
- Different volumes/capacities available
- Disposal and cleaning via cover
- With integrally formed raising tube for varying inlet heights
- Optionally upgradable with concrete supporting rings 60, 80 and 100 mm up to inlet invert T_{max}

Note: Cover (accessory) is not included



Installation example shows ACO Sludge Trap P-SD for load class B125

Sludge Traps P-SD – Order data



Nominal size	Nominal width	Total capacity [l]	OD [mm]	H1 [mm]	H2 [mm]	Class A/B			Weight [kg]	Article No. [grey]
						T _{min} * ¹ [mm]	T _{fix} * ² [mm]	T _{max} [mm]		
P 750	DN 100	730	110	960	940	840	975	1,375	68	3900.40.11
P 1000	DN 150	1,040	160	1,260	1,240	830	960	1,330	71	3900.40.02
P 1000	DN 100	1,010	110	1,230	1,210	855	985	1,360	70	3900.40.12
P 1250	DN 150	1,250	160	1,470	1,450	830	960	1,330	77	3900.40.03
P 1250	DN 100	1,270	110	1,495	1,475	855	985	1,355	76	3900.40.13
P 1500	DN 150	1,530	160	1,740	1,720	830	960	1,260	86	3900.40.04

*¹ Load class D does not have T_{min}

*² Load class A15 and B125 only, for load class D, 270 mm have to be added

ACO Sludge Traps P

with separated top section



- For selected Nominal Sizes of sludge traps
- With integrated raising tube
- Load classes A/B or D
- No buoyancy protection needed for load class A/B when inlet invert does not exceed 500 mm
- No buoyancy protection needed for load class D

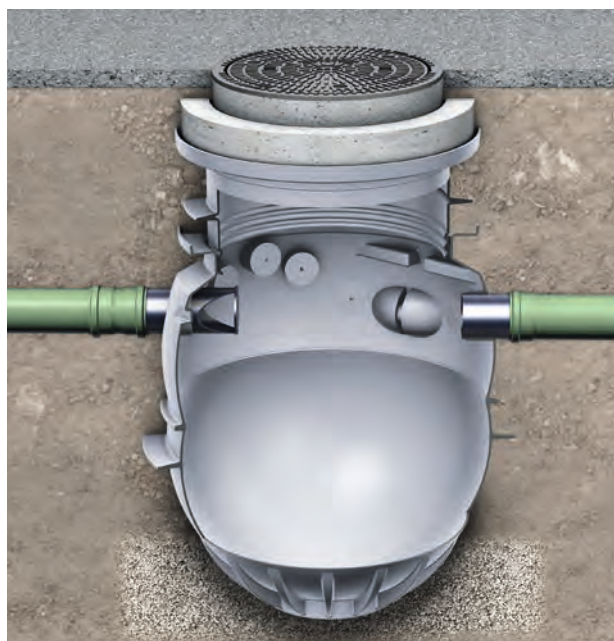


ACO Sludge Trap P

Product information

Sludge trap of polyethylene for below ground installation

- Inlet and outlet connection according to outside diameter D depending on nominal size of separator
- Inlet and outlet parts of polyethylene
- Different volumes/capacities available

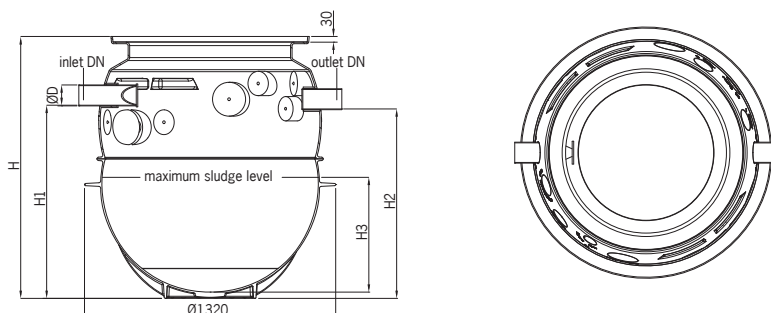


Installation example shows ACO Sludge Trap P 750 with a top section unit for load class B 125

Sludge Trap P – Order data

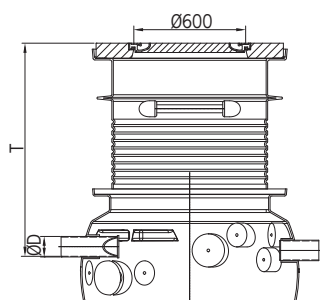
Accessories

- Sampling pots and extension elements, page 39



Type	Nominal width	Total capacity	D	H	H1	H2	H3	Weight	Article No.
P 750	DN 150	750	160	1,375	990	970	540	59	3900.00.01
P 750	DN 100	780	110	1,375	1,015	995	560	59	3900.00.11
P 1000	DN 150	975	160	1,595	1,210	1,190	680	75	3900.00.02
P 1000	DN 100	1,000	110	1,595	1,235	1,215	700	74	3900.00.12
P 1250	DN 150	1,255	160	1,865	1,480	1,460	830	75	3900.00.03
P 1250	DN 100	1,280	110	1,865	1,505	1,485	850	74	3900.00.13
P 1500	DN 150	1,530	160	2,130	1,745	1,725	930	85	3900.00.04
P 1500	DN 100	1,550	110	2,130	1,770	1,750	950	84	3900.00.14

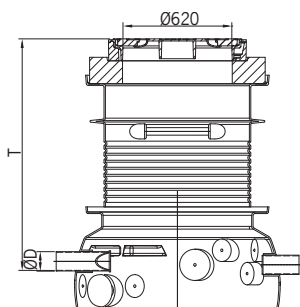
Top section 800, load class A 15 – Order data



- Load class A 15 according to EN 124
- Frame from concrete, cover from cast iron
- Clear opening Ø 600 mm
- Cover loosely applied
- Raising tube from polyethylene (only included with top section 3301.14.01 and 3301.14.02)

	P 750 DN 100	P 750 DN 150	P 1000 DN 100	P 1000 DN 150	P 1250 DN 100	P 1250 DN 150	P 1500 DN 100	P 1500 DN 150	Weight [kg]	Article No. [grey]
T	425	450	425	450	425	450	425	450	145	3301.14.00
T [mm]	760-1,040	785-1,065	760-1,040	785-1,065	760-1,040	785-1,065	760-1,040	785-1,065	170	3301.14.01
	760-2,030	785-2,055	760-2,030	785-2,055	760-2,030	785-2,055	760-1,830	785-1,855	193	3301.14.02

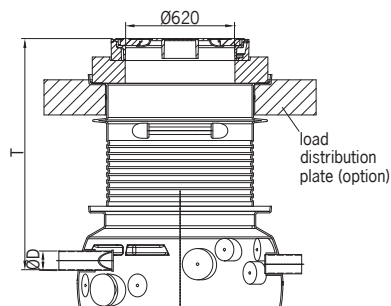
Top section 800, load class B 125 – Order data



- Load class B 125 according to EN 124
- Frame from concrete, SAKU cover from polyethylene
- Clear opening Ø 600 mm
- Cover loosely applied
- Adapter plate from concrete Ø 1,000 mm x 150 mm
- Raising tube from polyethylene (only included with top section 3301.15.01 and 3301.15.02)

	P 750 DN 100	P 750 DN 150	P 1000 DN 100	P 1000 DN 150	P 1250 DN 100	P 1250 DN 150	P 1500 DN 100	P 1500 DN 150	Weight [kg]	Article No. [grey]
T	600	625	600	625	600	625	600	625	282	3301.15.00
T [mm]	935-1,215	960-1,240	935-1,205	960-1,240	935-1,205	960-1,240	935-1,205	960-1,240	307	3301.15.01
	935-2,205	960-2,230	935-2,205	960-2,230	935-2,205	960-2,230	935-1,830	96-1,855	330	3301.15.02

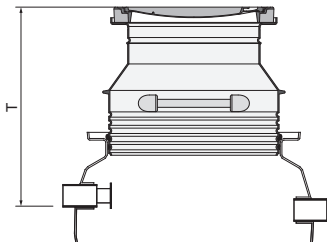
Top section 800, load class D 400 – Order data



- Load class D 400 according to EN 124
- Frame from concrete, cover from cast iron
- Clear opening Ø 600 mm
- Cover loosely applied
- Adapter plate from concrete Ø 1,000 mm x 150 mm
- Raising tube from polyethylene
- Selectively with load distribution plate from concrete Ø 1,500 mm x 200 mm

	P 750 DN 100	P 750 DN 150	P 1000 DN 100	P 1000 DN 150	P 1250 DN 100	P 1250 DN 150	P 1500 DN 100	P 1500 DN 150	Weight [kg]	Article No. [grey]
T [mm] without load distribution plate	935-2,185	960-2,210	935-2,185	960-2,210	935-2,185	960-2,210	935-1,830	960-1,855	330	3301.17.00
T [mm] with load distribution plate	935-2,185	960-2,210	935-2,185	960-2,210	935-2,185	960-2,210	935-1,830	960-1,855	1,030	3301.16.00

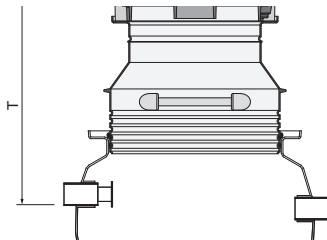
Top section 600, load class A 15 – Order data



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

	P 750	P 750	P 1000	P 1000	P 1250	P 1250	P 1500	P 1500	Weight	Article No.
	DN 100	DN 150	DN 100	DN 150	DN 100	DN 150	DN 100	DN 150		
T [mm]	870-990	895-1,015	870-990	895-1,015	870-990	895-1,015	870-990	895-1,015	96	3301.34.11
	870-1,440	895-1,465	870-1,440	895-1,465	870-1,440	895-1,465	870-1,440	895-1,465	104	3301.34.12
	870-2,020	895-2,045	870-2,020	895-2,045	870-2,020	895-2,045	870-1,830	895-1,855	115	3301.34.13

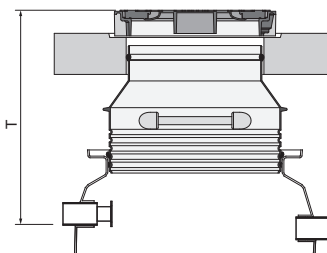
Top section 600, load class B 125 – Order data



- Load class B 125 according to EN 124
- Frame from concrete, SAKU cover from polyethylene
- Clear opening Ø 600 mm
- Cover loosely applied
- Adapter plate from concrete Ø 1,000 mm x 150 mm
- Raising tube from polyethylene

	P 750	P 750	P 1000	P 1000	P 1250	P 1250	P 1500	P 1500	Weight	Article No.
	DN 100	DN 150	DN 100	DN 150	DN 100	DN 150	DN 100	DN 150		
T [mm]	905-1,025	930-1,050	905-1,025	930-1,050	905-1,025	930-1,050	905-1,025	930-1,050	84	3301.35.11
	905-1,475	930-1,500	905-1,475	930-1,500	905-1,475	930-1,500	905-1,475	930-1,500	92	3301.35.12
	905-2,070	930-2,095	905-2,070	930-2,095	905-2,070	930-2,095	905-1,830	930-1,855	103	3301.35.13





Top section 600, load class D 400 – Order data








- Load class D 400 according to EN 124
- Frame from concrete, cover from cast iron
- Clear opening Ø 600 mm
- Cover loosely applied
- Raising tube from polyethylene
- Selectively with load distribution plate from concrete Ø 1,500 mm x 200 mm






Load distribution plate	Raising tube length	P 750	P 750	P 1000	P 1000	P 1250	P 1250	P 1500	P 1500	Weight	Article No.
		DN 100	DN 150	DN 100	DN 150	DN 100	DN 150	DN 100	DN 150		
with	short	915-1,035	940-1,060	915-1,035	940-1,060	915-1,035	940-1,060	915-1035	940-1,060	814	3301.36.08
with	medium	915-1,485	940-1,510	915-1,485	940-1,510	915-1,485	940-1,510	915-1485	940-1,510	822	3301.36.09
with	long	915-2,050	940-2,075	915-2,050	940-2,075	915-2,050	940-2,075	915-1830	940-1,855	834	3301.36.10
without	short	915-1,035	940-1,060	915-1,035	940-1,060	915-1,035	940-1,060	915-1035	940-1,060	85	3301.37.08
without	medium	915-1,485	940-1,510	915-1,485	940-1,510	915-1,485	940-1,510	915-1485	940-1,510	93	3301.37.09
without	long	915-2,050	940-2,075	915-2,050	940-2,075	915-2,050	940-2,075	915-1830	940-1,855	105	3301.37.10


Accessories

	Product description	suitable for	Model	Article No.
	<ul style="list-style-type: none"> ■ Cover load class A according to EN 124 ■ Cover from concrete, frame from cast iron, odour-proof, unlocked 	<ul style="list-style-type: none"> ■ LipuMax P-SD 	–	0155.26.36
	<ul style="list-style-type: none"> ■ Cover load class B according to EN 124 ■ Cover and frame from concrete and cast iron, odour-proof, locked 	<ul style="list-style-type: none"> ■ LipuMax P-SD 	–	0150.72.72 (Haustechnik) 701739 (Tabor)
	<ul style="list-style-type: none"> ■ Cover load class D according to EN 124 ■ Cover from cast iron, odour-proof, locked 	<ul style="list-style-type: none"> ■ LipuMax-P-SD 		0150.69.52
	<ul style="list-style-type: none"> ■ Cover load class D according to EN 124 ■ Cover and frame from concrete and cast iron, odour-proof 	<ul style="list-style-type: none"> ■ LipuMax P-SD 		701738 (Tabor)
	<ul style="list-style-type: none"> ■ Cover load class A according to EN 124 ■ Cover from concrete, frame from cast iron, unlocked 	<ul style="list-style-type: none"> ■ Oleopator / Oleopass P-SD ■ Sludge Trap P-SD 	–	0150.65.36
	<ul style="list-style-type: none"> ■ Cover load class B according to EN 124 ■ Cover and frame from concrete and cast iron, unlocked 	<ul style="list-style-type: none"> ■ Oleopator / Oleopass P-SD ■ Sludge Trap P-SD 	–	0150.72.71 (Haustechnik) 701740 (Tabor)
	<ul style="list-style-type: none"> ■ Cover load class D according to EN 124 ■ Cover from cast iron, unlocked 	<ul style="list-style-type: none"> ■ Oleopator / Oleopass-P-SD ■ Sludge Trap P-SD 		0150.69.51
	<ul style="list-style-type: none"> ■ Cover load class D according to EN 124 ■ Cover and frame from concrete and cast iron, unlocked 	<ul style="list-style-type: none"> ■ Oleopator / Oleopass P-SD ■ Sludge Trap P-SD 		701737 (Tabor)

	Product description	suitable for	Model	Article No.
	<ul style="list-style-type: none"> ■ Concrete supporting rings for increasing inlet invert with separators of all types 	<ul style="list-style-type: none"> ■ All variations 	ARV 625 x 60	8700.20.00 (Haustechnik)
			ARV 625 x 80	742011 (Tabor)
			ARV 625 x 100	8700.20.10 (Haustechnik)
				742012 (Tabor)
				8700.20.20 (Haustechnik)
				742013 (Tabor)
	<ul style="list-style-type: none"> ■ Sampling equipment for grease separators / light liquid separators / starch separators for below ground installation. Sampling equipment consisting of manual pump and suction coupling, connecting hose and suction coupling and bolt connection ■ Suitable for inlet invert maximum T = 3,000 mm 	<ul style="list-style-type: none"> ■ All variations 	—	8800.00.10 (Haustechnik)
				701246 (Tabor)
	<ul style="list-style-type: none"> ■ Combination ring between shaft and rasing tube 	<ul style="list-style-type: none"> ■ LipuMax P-SD ■ Oleopator / Oleopass P-SD ■ Sludge Trap P-SD 	—	0150.72.63
	<ul style="list-style-type: none"> ■ Flat seal between cover and separator 	<ul style="list-style-type: none"> ■ Oleopator / Oleopass P-SD (optional) ■ Sludge Trap P-SD (optional) ■ Tip: LipuMax P-SD inclusive 	—	0150.66.83
	<ul style="list-style-type: none"> ■ Adapter ring from plastic for load class D 	<ul style="list-style-type: none"> ■ LipuMax-P-SD ■ Oleopator / Oleopass-P-SD series ■ Sludge Trap P-SD 	—	0150.73.62 (Haustechnik)
				418879 (Tabor)
	<ul style="list-style-type: none"> ■ Load distribution plate from concrete for load class D 	<ul style="list-style-type: none"> ■ LipuMax-P-SD ■ Oleopator / Oleopass-P-SD series ■ Sludge Trap P-SD 	—	0178.07.67 (Haustechnik)
				M01456 (Tabor)

	Product description	suitable for	Model	Article No.
	<ul style="list-style-type: none"> ■ Sampling shaft ■ From polyethylene, diameter 450 mm ■ For below ground installations, downstream grease separators/ starch separators ■ With cast iron / concrete cover for load class B 125 ■ Odour proof 	<ul style="list-style-type: none"> ■ All variations 	DN 100, with 160 mm gradient	3300.13.10
			DN 100, with 30 mm gradient	3300.13.11
			DN 150, with 160 mm gradient	3300.13.20
			DN 150, with 75 mm gradient	3300.13.21
	<ul style="list-style-type: none"> ■ Sampling shaft with load distribution plate ■ From polyethylene, diameter 450 mm ■ For below ground installations, downstream grease separators/ starch separators ■ With cast iron / concrete cover for load class D 400 ■ Odour proof 	<ul style="list-style-type: none"> ■ All variations 	DN 100, with 160 mm gradient	3300.13.15
			DN 100, with 30 mm gradient	3300.13.16
			DN 150, with 160 mm gradient	3300.13.25
			DN 150, with 75 mm gradient	3300.13.26
	<ul style="list-style-type: none"> ■ Extension element ■ From polyethylene ■ For install aforementioned sampling shaft at a deeper position ■ Extension height 100 to 650 mm ■ Can be shortened at 45 mm intervals by cutting at the cutting marks 	<ul style="list-style-type: none"> ■ All variations 	—	3300.13.00
	<ul style="list-style-type: none"> ■ Disposal shaft ■ Made from plastic ■ Material polyethylene ■ With BEGU-Cover ■ Clear opening: 450 mm ■ Load class: B 125 ■ Inscription “Abscheiderentleerung/ Separator Discharge” ■ Weight: 120 kg 	<ul style="list-style-type: none"> ■ LipuMax P-D, -DM, -DA ■ FapuMax P-DA 	—	3300.30.00
	<ul style="list-style-type: none"> ■ Disposal shaft with load distribution plate ■ Protection against upwelling ■ Made from plastic ■ Material polyethylene ■ With BEGU-Cover ■ Clear opening: 450 mm ■ Load class: D 400 ■ Inscription “Abscheiderentleerung/ Separator Discharge” ■ Weight: 520 kg 	<ul style="list-style-type: none"> ■ LipuMax P-D, -DM, -DA ■ FapuMax P-DA 	—	3300.30.01

	Product description	suitable for	Model	Article No.
	<ul style="list-style-type: none"> ■ Extension ■ Used with disposal shaft ■ Made from plastic ■ Material polyethylene ■ For fitting on upstream sampling shaft ■ For deep installations ■ Structure height: 100 – 650 mm (can be reduced to 45 mm by cutting off at cutting marks) ■ Weight: 12 kg 	<ul style="list-style-type: none"> ■ LipuMax P-D, -DM, -DA ■ FapuMax P-DA 	–	3301.31.00
	<ul style="list-style-type: none"> ■ Grease level sensor ■ Measuring device for grease layer thickness for grease separators for below ground installation. Suitable for liquid and hardening fats. Device with two dry contacts for report of filling status 50 % and 80 % to Building Monitoring System ■ With heated sensor head for save operation electrical connection: 230 V AC / 50 Hz / 12 W 	■ LipuMax P, -P-SD	Cable length: 10 m 20 m 30 m	3300.11.70 3300.11.71 3300.11.72
	<ul style="list-style-type: none"> ■ High-pressure hose ■ For connection between high-pressure pump (installed inside a building) and spray head of grease separator / starch separator (LipuMax-P-DM / DA and FapuMax-P-DA series) 	<ul style="list-style-type: none"> ■ LipuMax P-DM, -DA ■ FapuMax P-DA 	Length: 10 m 20 m 30 m	0150.33.62 0150.33.63 0150.33.64
	<ul style="list-style-type: none"> ■ Connection box ■ From stainless steel ■ Material grade 316 ■ For wall-mounted installation of disposal connection DN 65 ■ W x H x D = 370 x 330 x 250 mm 	<ul style="list-style-type: none"> ■ LipuMax P-D, -DM, -DA ■ FapuMax P-DA 	–	7601.80.20
	<ul style="list-style-type: none"> ■ Flush-mounted frame ■ From stainless steel ■ Material grade 304 ■ W x H x D = 421 x 381 x 25 mm ■ Suitable for connection box 7601.80.20 	<ul style="list-style-type: none"> ■ LipuMax P-D, -DM, -DA ■ FapuMax P-DA 	–	7601.80.21

	Product description	suitable for	Model	Article No.
	<ul style="list-style-type: none"> ■ Alarm device ■ For light oil separators P series, enables combined or separated control of oil, sludge and liquid level electrical connection: 230 V/50–60 Hz ■ IP 67 ■ Cable connection: 5 m 	<ul style="list-style-type: none"> ■ Oleopator/Oleopass P 	Oil and liquid level control	6751.66.51
	<ul style="list-style-type: none"> ■ Cable extensions: 1 cable, 20 m 			6752.00.03
	<ul style="list-style-type: none"> ■ Alarm device ■ For light oil separators P-SD series, enables combined or separated control of oil, sludge and liquid level ■ Electrical connection: 230 V/50–60 Hz ■ IP 67 ■ Cable connection: 5 m 	<ul style="list-style-type: none"> ■ Oleopator/Oleopass P-SD 	Oil and liquid level control	6751.66.52
	<ul style="list-style-type: none"> ■ Cable extensions: 1 cable, 20 m 			6752.00.03
	<ul style="list-style-type: none"> ■ Sludge level sensor ■ For all alarm devices ■ DN 100 	<ul style="list-style-type: none"> ■ Oleopator/Oleopass P, -P-SD 	—	6752.10.00
	<ul style="list-style-type: none"> ■ Sealing ring for ventilation ■ For all grease and light oil separators and sludge traps P series 	<ul style="list-style-type: none"> ■ LipuMax P ■ Oleopator/Oleopass P ■ FapuMax P 	—	0150.34.32

ACO. we care for water

Intelligent drainage systems from ACO increasingly use smart technology to ensure that rainwater and wastewater are drained, or temporarily stored. With innovative separation and filter technology, we prevent water contamination. We accept the challenge of reusing water, and thus establishing a resource-saving cycle.

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