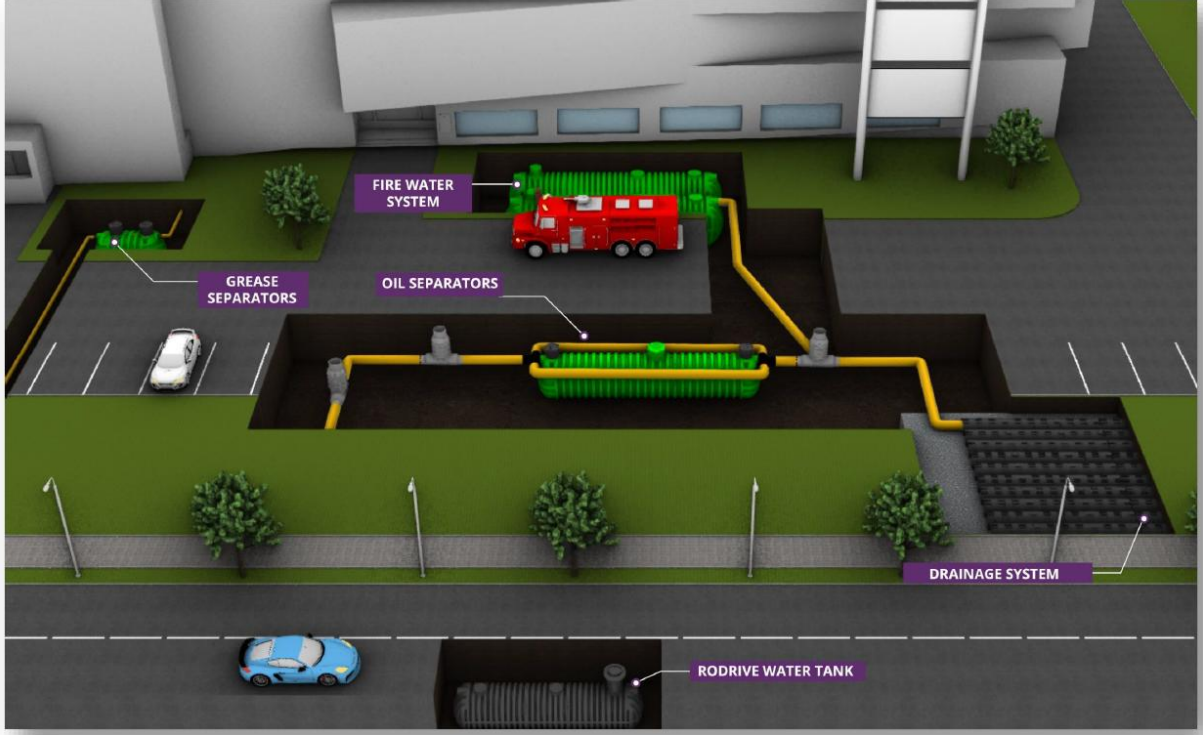




- İSTENİLEN ŞEKİLDE EKİPMAN EKLEMeye UYGUN.
- DIN 14320 STANDARTLARINA UYGUN.





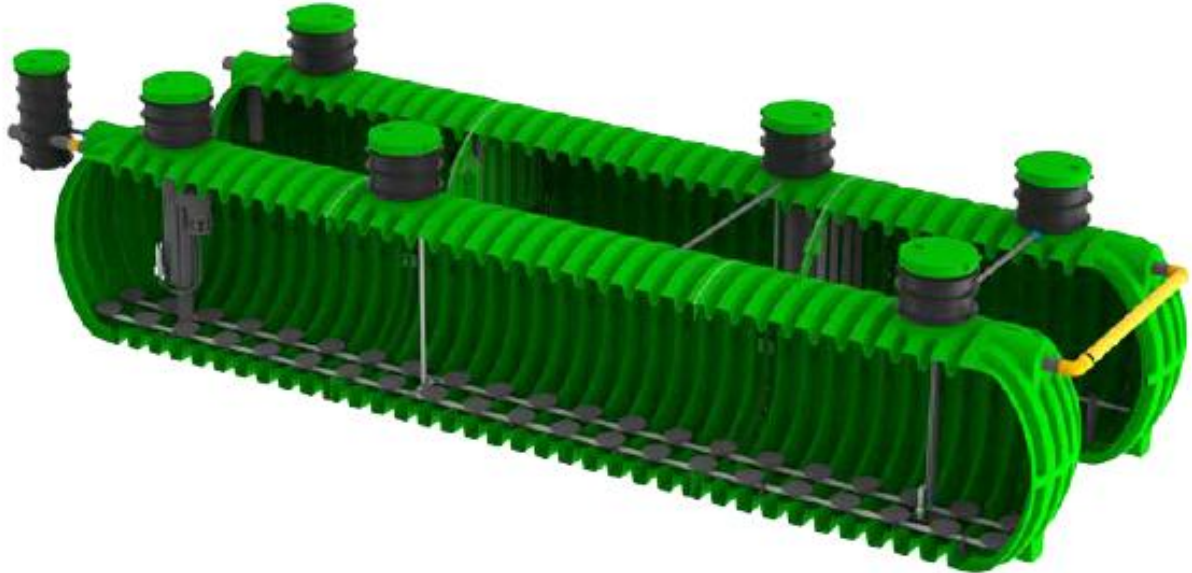
- D400 YÜK SIFINA KADAR (D400) ARAÇ TRAFİĞİNE UYGUNDUR.
- BETON GALERİ YADA KORUMA PLAKASI GEREKMEZ.

- 20.000, 25.000
- 30.000, 35.000
- 40.000, 45.000
- 50.000, 55.000
- 60.000, 65.000



Fully automated processes and additional sensors allow the waste water treatment plant to automatically adapt its operation to the specifics of the facility. The data collected from the sensors is used by the smart control to modify and optimise the operating regime in order to clean as efficiently as possible and minimise operating costs. A phone app allows you to remotely monitor and control the waste water treatment plant.

RoGreen's smart municipal waste water treatment plant responds automatically to changing influent conditions, which competitors' waste water treatment plants do not provide. This results in higher waste water treatment efficiency, lower electricity consumption and lower maintenance costs as the operator does not have to adjust the operating settings to the changing inflow.



PU	100	150	200	300	400	500
Code	7200063841	7200063861	7200063871	7200063881	7200063891	7200063901
Max. day inflow [l/dan]	15000	22500	30000	45000	60000	75000
Volume [L]	30.000	40.000	50.000	65.000	1x 40.000 1x 45.000	2x 50.000
Dimension A x B x C [mm]	6550 x 2425 x 2700-3000	8510 x 2425 x 2700-3000	10850 x 2425 x 2700-3000	13460 x 2425 x 2700-3000	1x (8510 x 2425 x 2700-3000) 1x (9870 x 2425 x 2700-3000)	2x (10850 x 2425 x 2700-3000)
Diameter of inspection opening	2 x DN600	2 x DN600	3 x DN600	3 x DN600	5 x DN600	6 x DN600
Diameter of inflow/ outflow pipe	DN200	DN200	DN200	DN200	DN200	DN200
Airflow volume (compressor) [l/min]	35	95	95	165	265	265
Power consumption (compressor) [W]	700	1600	1600	3000	4000	4000
Sound level [dB]	55	66	66	72	73	73
Control system cabinet	B8	B8	B8	B8	B13	B13
Control unit	Green PRO	Green PRO	Green PRO	Green PRO	Green PRO	Green PRO
Sample shaft	56 L	56 L	56 L	56 L	56 L	56 L

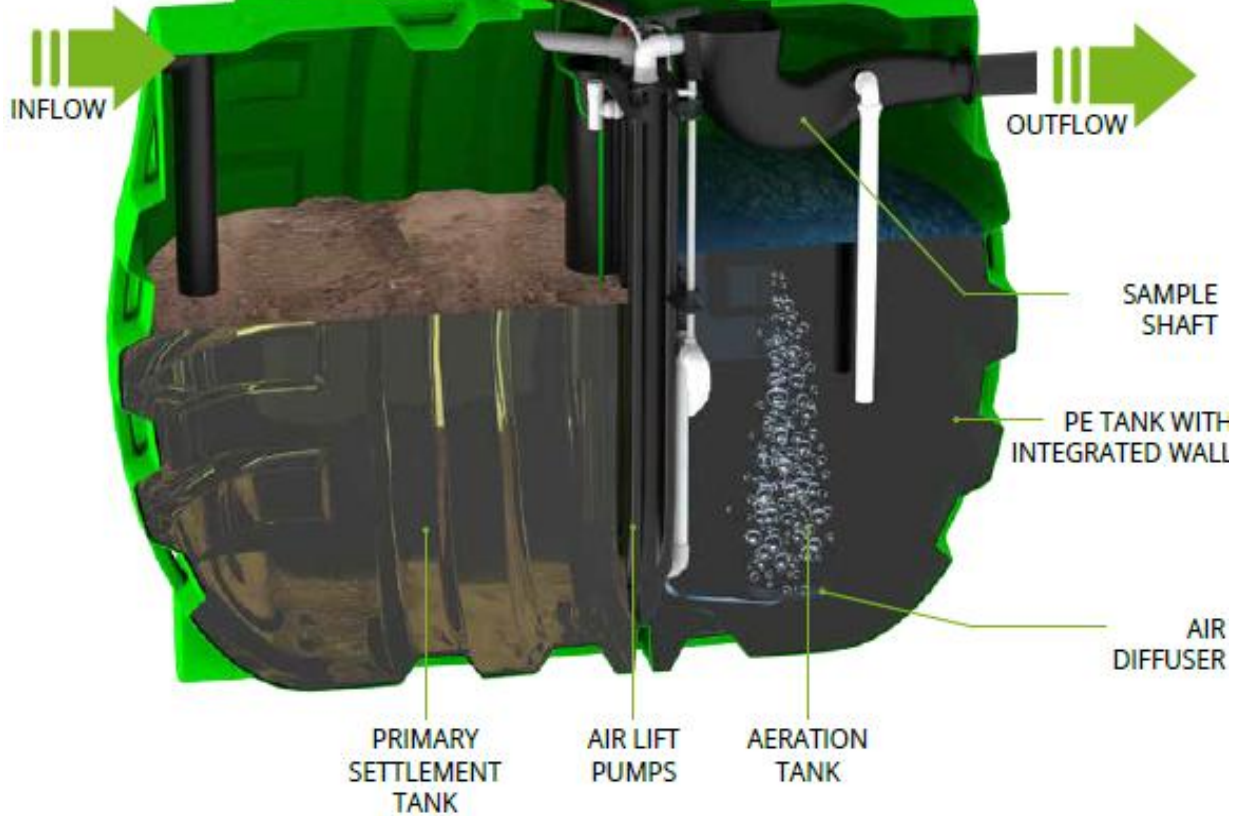


Roclean

COVER WITH HINGE

TELESCOPIC EXTENSION

Cover can be simple screwed in the tank and easy adjusted to the terrain. It is compatible with additional extension of the extension in the case of deep ground installation. Dimensions of extensions are Ø600 x 300 mm.



SBR TECHNOLOGY:

Process is managed by computer which is installed into the special box. Software is steering 4 magnetic valves. Each valve has specific function:

1. Pumping water from mud collector to the aerator.
2. Aeration in aeration chamber.
3. Pumping of purified water from aeration chamber to the outflow.
4. Pumping sediment mud from aerator chamber back to the mud collector

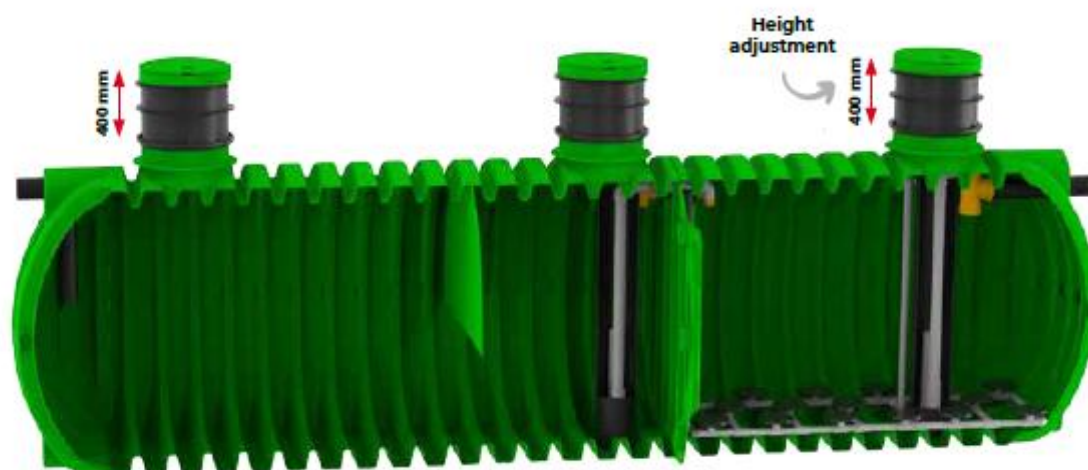
The principle of SBR lifting technology: All movement processes are performed by air lift pumps. The air compressor is very durable and quiet, it provides air to the aeration plate on the bottom of the tank. The distribution of air in the individual pump processes is realised via the control.

The RoClean waste water treatment plant is installed in a single tank, which consists of two compartments: the sludge storage tank and the SBR reactor.

It works on the airlift pump. It is suitable for the treatment of municipal waste water from settlements, catering and commercial buildings with a constant influx of large volumes of waste water.

RoClean is sized according to SIST EN 12255-1, -4, -6, -10, -11, -12, where a daily flow of 150 L/day/person is foreseen. Treated water may be discharged into watercourses of another category.

The control unit is mounted in a polyethylene or concrete cabinet, which is specified by our professionals according to the type of plant and the number of accessories.



PU	75	100	150	200	300
Code	7200063850	7200063840	7200063860	7200063870	7200063880
Max. day inflow [l/dan]	120000	150000	230000	300000	450000
Volume [L]	25.000	30.000	40.000	50.000	65.000
Dimension A x B x C [mm]	7370 x 2300 x 2550-2850	6620 x 2425 x 2700-3000	8600 x 2425 x 2700-3000	10960 x 2425 x 2700-3000	13600 x 2425 x 2700-3000
Diameter of inspection opening	3 x DN800	2 x DN800	2 x DN800	3 x DN800	3 x DN800
Diameter of inflow/outflow pipe	DN200	DN200	DN200	DN200	DN200
Airflow volume (compresor) [l/min]	35	35	95	95	165
Power consumption (compresor) [W]	700	700	1600	1600	3000
Sound level [dB]	55	55	66	66	72
Control system cabinet	B8	B8	B8	B8	B8
Control unit	RC/RW	RC/RW	RC/RW	RC/RW	RC/RW
Sample shaft	56 L	56 L	56 L	56 L	56 L

Class I coalescing separators do not exceed the hydrocarbon concentration of 5 mg/l.

ROTO oil separator is equipped with coalescent filter, automatic closure devices (on the inflow) and/or electronic warning system.

Coalescent filters are connected on the wall and can be easily cleaned and replaced.

The tank is made from special conductive polyethylene.

Oil separator RoPetrol can be installed inside ex zones.



Volume [L]	NS [L/s]	Code	Dimensions A x B x C [mm]	Cover [mm]	Pipes DN [mm]
5.000	10	7300072758	2660 x 1800 x 2600	Ø250, Ø400, Ø600	200
6.000	15	7300075998	3030 x 1800 x 2600	Ø250, Ø400, Ø600	200
8.000	20	7300075888	2870 x 2300 x 2850	Ø250, Ø400, Ø600	250
10.000	30	7300072738	3330 x 2300 x 2850	Ø250, Ø400, Ø600	250
12.000	40	7300072788	4360 x 2300 x 2850	Ø250, Ø400, Ø600	315

By-pass 10%

Bypass separators fully treat all flows generated by rainfall rates of up to 6.5mm/hr. (99% of all rainfall events).

These separators are used on parking area when it is considered an acceptable risk not to provide full treatment for high flows, for example where the risk of a large spillage and heavy rainfall occurring at the same time is small.



Volume [L]	NS [L/s]	Surface	Code	Dimensions A x B x C [mm]	Cover [mm]	Pipes DN [mm]
2.200 L	30/3	1.200 m ²	7300068900	1840 x 1400 x 1600-1900	Ø600	200
2.600 L	50/5	2.400 m ²	7300068910	2150 x 1400 x 1600-1900	Ø600	250
3.000 L	80/8	3.200 m ²	7300068980	2400 x 1400 x 1600-1900	Ø600	250
3.500 L	100/10	4.000 m ²	7300068920	2080 x 1800 x 2050-2350	Ø600	315
5.000 L	150/15	6.100 m ²	7300068930	2450 x 1800 x 2050-2350	Ø600	400
6.000 L	200/20	8.100 m ²	7300068940	2820 x 1800 x 2050-2350	Ø600	400
8.000 L	250/25	10.100 m ²	7300068610	2680 x 2300 x 2500-2880	Ø600, Ø800	400
10.000 L	300/30	12.100 m ²	7300068950	3040 x 2300 x 2500-2880	Ø600, Ø800	500
12.000 L	400/40	16.200 m ²	7300068960	3760 x 2300 x 2500-2880	Ø600, Ø800	500
16.000 L	500/50	20.300 m ²	7300068970	4840 x 2300 x 2500-2880	Ø600, Ø800, Ø250	600 z.
20.000 L	650/65	25.400 m ²	7300068560	4540 x 2420 x 2800-3100	2xØ600, Ø800	600 z.
23.000 L	800/80	28.500 m ²	7300068570	5190 x 2420 x 2800-3100	2xØ600, Ø800	600 z.
30.000 L	1000/100	40.600 m ²	7300068580	6550 x 2425 x 2700-3000	2xØ600, Ø800	800 z.
35.000 L	1250/125	50.800 m ²	7300068590	7530 x 2425 x 2700-3000		
40.000 L	1500/150	61.000 m ²	7300068600	8510 x 2425 x 2700-3000		
45.000 L	2000/200	81.300 m ²	7300068620	9870 x 2425 x 2700-3000		
50.000 L	2500/250	101.600 m ²	7300068630	10850 x 2425 x 2700-3000		

By-pass 20%

Bypass separators fully treat all flows generated by rainfall rates of up to 6.5mm/hr. (99% of all rainfall events).

These separators are used on parking area when it is considered an acceptable risk not to provide full treatment for high flows, for example where the risk of a large spillage and heavy rainfall occurring at the same time is small.



Volume [L]	NS [L/s]	Surface	Code	Dimensions A x B x C [mm]	Cover [mm]	Pipes DN [mm]
2.200 L	15/3	600 m ²	7300068800	1840 x 1400 x 1600-1900	Ø600	200
3.000 L	30/6	1.200 m ²	7300068810	2400 x 1400 x 1600-1900	Ø600	200
3.500 L	50/10	2.000 m ²	7300068500	2080 x 1800 x 2050-2350	Ø600	250
5.000 L	80/16	3.000 m ²	7300068820	2450 x 1800 x 2050-2350	Ø600	315
6.000 L	100/20	4.000 m ²	7300068840	2820 x 1800 x 2050-2350	Ø600	315
8.000 L	150/30	6.100 m ²	7300068850	2680 x 2300 x 2500-2880	Ø600	400
10.000 L	200/40	8.100 m ²	7300068860	3040 x 2300 x 2500-2880	Ø600, Ø800	400
12.000 L	250/50	10.100 m ²	7300068870	3760 x 2300 x 2500-2880	Ø600, Ø800, Ø250	400
16.000 L	325/65	13.200 m ²	7300068830	4840 x 2300 x 2500-2880	Ø600, Ø800, Ø250	400
20.000 L	400/80	16.200 m ²	7300068880	4540 x 2420 x 2800-3100	2xØ600, Ø800	500
23.000 L	500/100	20.300 m ²	7300068890	5190 x 2420 x 2800-3100	2xØ600, Ø800	600 z.
30.000 L	625/125	25.400 m ²	7300068510	6550 x 2425 x 2700-3000	2xØ600, Ø800	600 z.
35.000 L	700/150	28.500 m ²	7300068520	7530 x 2425 x 2700-3000	2xØ600, Ø800	600 z.
40.000 L	1000/200	40.600 m ²	7300068530	8510 x 2425 x 2700-3000	2xØ600, Ø800	800 z.
45.000 L	1250/250	50.800 m ²	7300068540	9870 x 2425 x 2700-3000		
50.000 L	1500/300	61.000 m ²	7300068550	10850 x 2425 x 2700-3000		

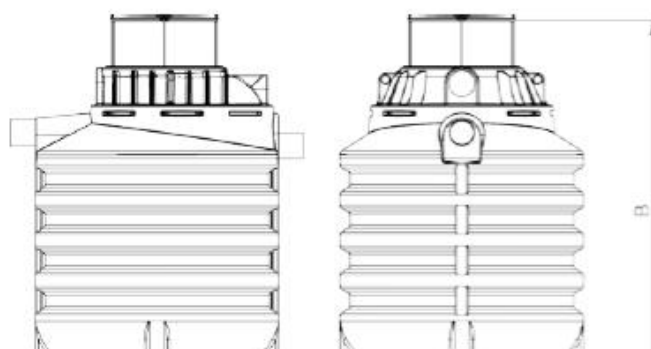
class I

All light liquid separators are supplied for underground installation. There are suitable sampling chambers and alarm equipment available in the range for all nominal sizes.

Leak-tightness up to ground level guaranteed. Low servicing costs thanks to easy-clean inside surface. Due big opening, the coalescent filter can be removed and cleaned easily.



Volume [L]	NS [L/s]	Surface	Code	Dimensions A x B [mm]	Pipes DN [mm]
1.200 L	1,5	60 m ²	7300775940	Ø1300 x 1500	110
1.500 L	3	120 m ²	7300775950	Ø1300 x 1750	110
1.700 L	6	240 m ²	7300775970	Ø1300 x 2000	125
2.350 L	10	400 m ²	7300772750	Ø1500 x 2150	160
2.700 L	15	600 m ²	7300775990	Ø1500 x 2400	200
4.000 L	20	800 m ²	7300775880	Ø1800 x 2350	200
6.000 L	30	1.200 m ²	7300772730	Ø2300 x 2350	250
7.500 L	40	1.600 m ²	7300772780	Ø2300 x 2700	315
10.000 L	50	2.000 m ²	7300772760	Ø2300 x 3400	315



Bypass 10%

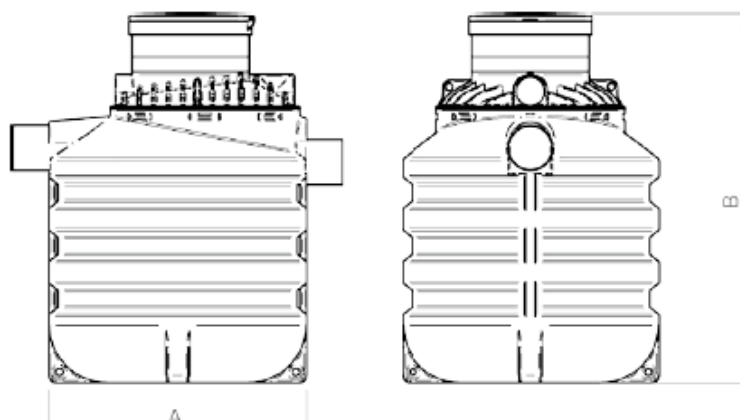
These separators are used when it is considered a risk not to provide full treatment for high flows, for example like large spillage and heavy rainfall occurring at the same time.

Robust polyethylene construction for long life, compact vertical design for ease of handling, installation and maintenance.

Contractor friendly bypass connections for different pipe diameters. Oil residue and sludge are easily and quickly removed.



Volume [L]	NS [L/s]	Surface	Code	Dimensions A x B [mm]	Pipes DN [mm]
1.500 L	15/1,5	600 m ²	7300768820	Ø1300x1750	200
1.700 L	30/3	1.200 m ²	7300768900	Ø1300x2000	200
2.700 L	50/5	2.000 m ²	7300768970	Ø1500x2400	250
3.200 L	80/8	3.200 m ²	7300768980	Ø1800x2000	315
4.000 L	100/10	4.000 m ²	7300768920	Ø1800x2350	315
6.000 L	150/15	6.100 m ²	7300768930	Ø2300x2350	400
7.500 L	200/20	8.100 m ²	7300768940	Ø2300x2700	400



Bypass 20%

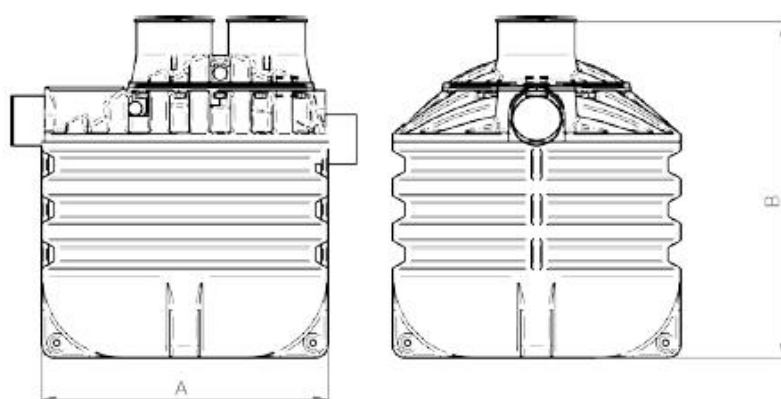
These separators are used when it is considered a risk not to provide full treatment for high flows, for example like large spillage and heavy rainfall occurring at the same time.

Robust polyethylene construction for long life, compact vertical design for ease of handling, installation and maintenance.

Contractor friendly bypass connections for different pipe diameters. Oil residue and sludge are easily and quickly removed.



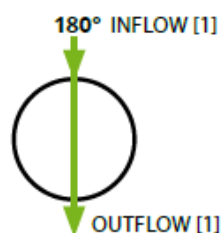
Volume [L]	NS [L/s]	Surface	Code	Dimensions A x B [mm]	Pipes DN [mm]
1.500 L	15/3	600 m ²	7300768800	Ø1300x1750	200
1.700 L	30/6	1.200 m ²	7300768810	Ø1300x2000	200
2.350 L	40/8	1.600 m ²	7300768960	Ø1500x2150	250
2.700 L	50/10	2.000 m ²	7300768500	Ø1500x2400	250
4.000 L	75/15	3.000 m ²	7300768880	Ø1800x2350	315
6.000 L	100/20	4.000 m ²	7300768840	Ø2300x2350	315
7.500 L	150/30	6.100 m ²	7300768520	Ø2300x2700	400
8.700 L	200/40	8.100 m ²	7300768530	Ø2300x3000	400





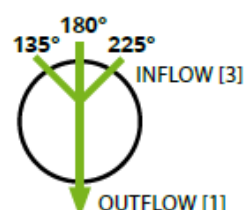
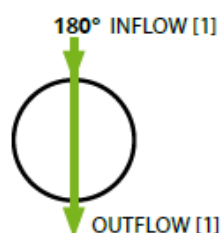
DN400 1/1

Height [H]	Connection pipe	Code
1000 mm	Ø110/125/160	7600059100
1500 mm	Ø110/125/160	7600059110



DN600 1/1, 3/1

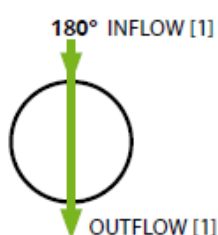
Height [H]	Connection pipe	Code 1/1	Code 3/1
1000 mm	Ø160/200	7600070010	7600069680
1250 mm	Ø160/200	7600070020	7600069650
1500 mm	Ø160/200	7600070030	7600069660
1750 mm	Ø160/200	7600070040	7600069670
2000 mm	Ø160/200	7600070050	7600069810
2250 mm	Ø160/200	7600070060	7600069820
2500 mm	Ø160/200	7600070070	7600069830
2750 mm	Ø160/200	7600070080	7600069840
3000 mm	Ø160/200	7600070090	7600069850



DN600 3/1

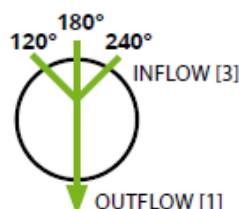
Height [H]	Connection pipe	Code	Connection pipe	Code
1000 mm	Ø160/200/250	7600057000	Ø160/200/250/315	7600805010
1250 mm	Ø160/200/250	7600057030	Ø160/200/250/315	7600805020
1500 mm	Ø160/200/250	7600057010	Ø160/200/250/315	7600805030
1750 mm	Ø160/200/250	7600057020	Ø160/200/250/315	7600805040
2000 mm	Ø160/200/250	7600059220	Ø160/200/250/315	7600805050
2250 mm	Ø160/200/250	7600059230	Ø160/200/250/315	7600805060
2500 mm	Ø160/200/250	7600059240	Ø160/200/250/315	7600805070
2750 mm	Ø160/200/250	7600059250	Ø160/200/250/315	7600805080
3000 mm	Ø160/200/250	7600059260	Ø160/200/250/315	7600805090

DN800 1/1

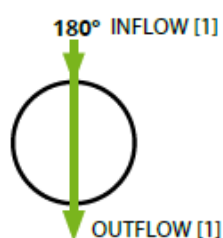


Height [H]	Connection pipe	Code	Connection pipe	Code
1000 mm	Ø200/250/315	7600052000	Ø400	7600052210
1250 mm	Ø200/250/315	7600052010	Ø400	7600052220
1500 mm	Ø200/250/315	7600052020	Ø400	7600052230
1750 mm	Ø200/250/315	7600052030	Ø400	7600052240
2000 mm	Ø200/250/315	7600052040	Ø400	7600052250
2250 mm	Ø200/250/315	7600052050	Ø400	7600052260
2500 mm	Ø200/250/315	7600052060	Ø400	7600052270
2750 mm	Ø200/250/315	7600052070	Ø400	7600052280
3000 mm	Ø200/250/315	7600052080	Ø400	7600052290
3250 mm	Ø200/250/315	7600052090	Ø400	7600052300
3500 mm	Ø200/250/315	7600052100	Ø400	7600052310
3750 mm	Ø200/250/315	7600052110	Ø400	7600052320
4000 mm	Ø200/250/315	7600052120	Ø400	7600052330
4250 mm	Ø200/250/315	7600052130	Ø400	7600052340
4500 mm	Ø200/250/315	7600052140	Ø400	7600052350
4750 mm	Ø200/250/315	7600052150	Ø400	7600052360
5000 mm	Ø200/250/315	7600052160	Ø400	7600052370
5250 mm	Ø200/250/315	7600052170	Ø400	7600052380
5500 mm	Ø200/250/315	7600052180	Ø400	7600052390
5750 mm	Ø200/250/315	7600052190	Ø400	7600052400
6000 mm	Ø200/250/315	7600052200	Ø400	7600052410

DN800 3/1

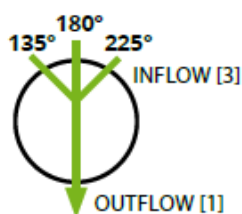
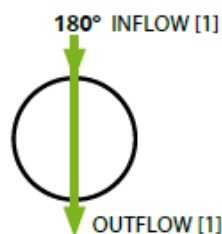


Height [H]	Connection pipe	Code
1000 mm	Ø200/250/315	760006951
1250 mm	Ø200/250/315	760006952
1500 mm	Ø200/250/315	760006953
1750 mm	Ø200/250/315	760006954
2000 mm	Ø200/250/315	760006955
2250 mm	Ø200/250/315	760006956
2500 mm	Ø200/250/315	760006957
2750 mm	Ø200/250/315	760006969
3000 mm	Ø200/250/315	760006970
3250 mm	Ø200/250/315	760006986
3500 mm	Ø200/250/315	760006971
3750 mm	Ø200/250/315	7600069870
4000 mm	Ø200/250/315	7600069720
4250 mm	Ø200/250/315	7600069880
4500 mm	Ø200/250/315	7600069890
4750 mm	Ø200/250/315	7600069900
5000 mm	Ø200/250/315	7600069910
5250 mm	Ø200/250/315	7600069930
5500 mm	Ø200/250/315	7600069940
5750 mm	Ø200/250/315	7600069950
6000 mm	Ø200/250/315	7600069960



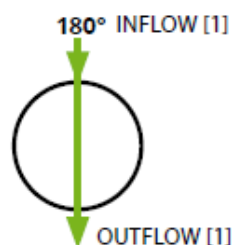
DN800 1/1

Height [H]	Connection pipe	Code
1250 mm	Ø500/630	7600057040
1500 mm	Ø500/630	7600057050
1750 mm	Ø500/630	7600057060
2000 mm	Ø500/630	7600057070
2250 mm	Ø500/630	7600057080
2500 mm	Ø500/630	7600057090
2750 mm	Ø500/630	7600057100
3000 mm	Ø500/630	7600057110
3250 mm	Ø500/630	7600057120
3500 mm	Ø500/630	7600057130
3750 mm	Ø500/630	7600057140
4000 mm	Ø500/630	7600057150
4250 mm	Ø500/630	7600057160
4500 mm	Ø500/630	7600057170
4750 mm	Ø500/630	7600057180
5000 mm	Ø500/630	7600057190
5250 mm	Ø500/630	7600057200
5500 mm	Ø500/630	7600057210
5750 mm	Ø500/630	7600057220
6000 mm	Ø500/630	7600057230



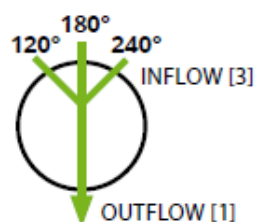
DN1000 1/1, 3/1

Height [H]	Connection pipe	Code
1250 mm	Ø160/200	7093
1500 mm	Ø160/200	7094
1750 mm	Ø160/200	7097
2000 mm	Ø160/200	7098
2250 mm	Ø160/200	50870
2500 mm	Ø160/200	50871
2750 mm	Ø160/200	50872
3000 mm	Ø160/200	50873



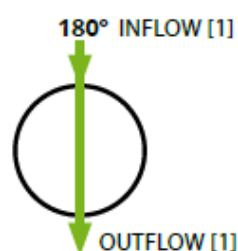
DN1000 1/1

Height [H]	Connection pipe	Code
1250 mm	Ø250/315/400	7600069730
1500 mm	Ø250/315/400	7600069580
1750 mm	Ø250/315/400	7600069590
2000 mm	Ø250/315/400	7600069600
2250 mm	Ø250/315/400	7600069610
2500 mm	Ø250/315/400	7600069620
2750 mm	Ø250/315/400	7600069630
3000 mm	Ø250/315/400	7600069640
3250 mm	Ø250/315/400	7600069760
3500 mm	Ø250/315/400	7600069740
3750 mm	Ø250/315/400	7600069770
4000 mm	Ø250/315/400	7600069750
4250 mm	Ø250/315/400	7600069780
4500 mm	Ø250/315/400	7600069920
4750 mm	Ø250/315/400	7600069790
5000 mm	Ø250/315/400	7600069800
5250 mm	Ø250/315/400	7600069970
5500 mm	Ø250/315/400	7600069980
5750 mm	Ø250/315/400	7600069990
6000 mm	Ø250/315/400	7600070000



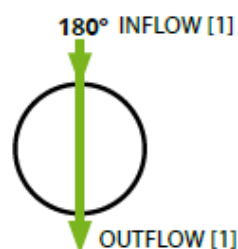
DN1000 3/1

Height [H]	Connection pipe	Code
1250 mm	Ø250/315/400	760002100
1500 mm	Ø250/315/400	760002101
1750 mm	Ø250/315/400	760002102
2000 mm	Ø250/315/400	760002103
2250 mm	Ø250/315/400	760002104
2500 mm	Ø250/315/400	760002105
2750 mm	Ø250/315/400	760002106
3000 mm	Ø250/315/400	760002107
3250 mm	Ø250/315/400	760002108
3500 mm	Ø250/315/400	760002109
3750 mm	Ø250/315/400	7600021100
4000 mm	Ø250/315/400	7600021110
4250 mm	Ø250/315/400	7600021120
4500 mm	Ø250/315/400	7600021130
4750 mm	Ø250/315/400	7600021140
5000 mm	Ø250/315/400	7600021150
5250 mm	Ø250/315/400	7600021160
5500 mm	Ø250/315/400	7600021170
5750 mm	Ø250/315/400	7600021180
6000 mm	Ø250/315/400	7600021190



DN1000 1/1

Height [H]	Connection pipe	Code
1250 mm	Ø500/600	7600058410
1500 mm	Ø500/600	7600058230
1750 mm	Ø500/600	7600058240
2000 mm	Ø500/600	7600058250
2250 mm	Ø500/600	7600058260
2500 mm	Ø500/600	7600058270
2750 mm	Ø500/600	7600058280
3000 mm	Ø500/600	7600058290
3250 mm	Ø500/600	7600058300
3500 mm	Ø500/600	7600058310
3750 mm	Ø500/600	7600058320
4000 mm	Ø500/600	7600058330
4250 mm	Ø500/600	7600058340
4500 mm	Ø500/600	7600058350
4750 mm	Ø500/600	7600058360
5000 mm	Ø500/600	7600058370
5250 mm	Ø500/600	7600058420
5500 mm	Ø500/600	7600058430
5750 mm	Ø500/600	7600058440
6000 mm	Ø500/600	7600058450



DN1000 1/1

Height [H]	Connection pipe	Code
2000 mm	Ø800/1000	7600058120
2250 mm	Ø800/1000	7600058130
2500 mm	Ø800/1000	7600058140
2750 mm	Ø800/1000	7600058090
3000 mm	Ø800/1000	7600058160
3250 mm	Ø800/1000	7600058170
3500 mm	Ø800/1000	7600058180
3750 mm	Ø800/1000	7600058190
4000 mm	Ø800/1000	7600058100
4250 mm	Ø800/1000	7600056000
4500 mm	Ø800/1000	7600056010
4750 mm	Ø800/1000	7600056020
5000 mm	Ø800/1000	7600056030
5250 mm	Ø800/1000	7600056040
5500 mm	Ø800/1000	7600056050
5750 mm	Ø800/1000	7600056060
6000 mm	Ø800/1000	7600056070



DN800 **3/1**

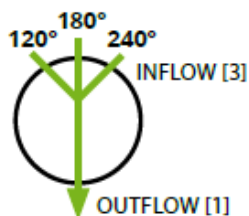
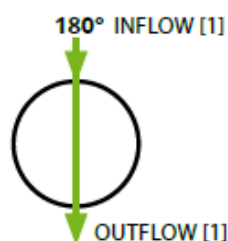
Shaft height [H]	Connection pipe	Code
1000 mm	Ø200/250/315/400	5737
1250 mm	Ø200/250/315/400	5738
1500 mm	Ø200/250/315/400	5181
1750 mm	Ø200/250/315/400	5182
2000 mm	Ø200/250/315/400	5183
2250 mm	Ø200/250/315/400	5184
2500 mm	Ø200/250/315/400	5185
2750 mm	Ø200/250/315/400	5186
3000 mm	Ø200/250/315/400	5187
3250 mm	Ø200/250/315/400	5188
3500 mm	Ø200/250/315/400	5189
3750 mm	Ø200/250/315/400	5190
4000 mm	Ø200/250/315/400	5191
4250 mm	Ø200/250/315/400	5192
4500 mm	Ø200/250/315/400	5193
4750 mm	Ø200/250/315/400	5194
5000 mm	Ø200/250/315/400	5195
5250 mm	Ø200/250/315/400	5196
5500 mm	Ø200/250/315/400	5197
5750 mm	Ø200/250/315/400	5198
6000 mm	Ø200/250/315/400	5199



DN1000 **1/1, 3/1**

Shaft height [H]	Connection pipe	Code 1/1	Code 3/1
1000 mm	Ø200/250/315/400	7600051000	7600057390
1250 mm	Ø200/250/315/400	7600051010	7600057240
1500 mm	Ø200/250/315/400	7600051020	7600057250
1750 mm	Ø200/250/315/400	7600051030	7600057260
2000 mm	Ø200/250/315/400	7600051040	7600057270
2250 mm	Ø200/250/315/400	7600051050	7600057280
2500 mm	Ø200/250/315/400	7600051060	7600057290
2750 mm	Ø200/250/315/400	7600051070	7600057300
3000 mm	Ø200/250/315/400	7600051080	7600057310
3250 mm	Ø200/250/315/400	7600051090	7600057320
3500 mm	Ø200/250/315/400	7600051100	7600057330
3750 mm	Ø200/250/315/400	7600051110	7600057340
4000 mm	Ø200/250/315/400	7600051120	7600057350
4250 mm	Ø200/250/315/400	7600051130	7600057360
4500 mm	Ø200/250/315/400	7600051140	7600057400
4750 mm	Ø200/250/315/400	7600051150	7600057410
5000 mm	Ø200/250/315/400	7600051160	7600057420
5250 mm	Ø200/250/315/400	7600051170	7600057430
5500 mm	Ø200/250/315/400	7600051180	7600057440
5750 mm	Ø200/250/315/400	7600051190	7600057450
6000 mm	Ø200/250/315/400	7600051200	7600057460

Shaft body option:



rotomoulded
shaft body



corrugated
pipe shaft body



THE BIGGEST
MONOLITIC TANK
V= 20.000 L

- 20.000, 25.000
- 30.000, 35.000
- 40.000, 45.000
- 50.000, 55.000
- 60.000, 65.000



▼ Betonarme Su Depolarının Dezavantajları (Roterra 2450'ye Göre)

4. Betonarme Su Depolarının Kimyasal Dayanımı Zayıftır

1. Beton, asidik veya agresif atık sulara karşı dayanıklı değildir.
2. HDPE Roterra 2450 ise **yüksek kimyasal ve biyolojik dayanıklılık** sağlar.

5. Betonarme Su Depolarında Korozyon ve Yosunlanma

1. Beton yüzeylerde yosun, bakteri, korozyon (demir donatı nedeniyle) oluşur.
2. Roterra 2450'de yüzey pürüzsüzdür → bakteri ve yosun tutmaz, hijyeniktir.

6. Betonarme Su Depolarının İmalatı ve Nakliye Zorluğu

1. Betonarme depo yapımı sahada mümkündür, fakat nakliye mümkün değildir.
2. Roterra 2450 hafif, tır/semi-trailer ile kolayca taşınabilir.

7. Betonarme Su Depolarının Bakım / Onarım Zorluğu

1. Betonarme depoda onarım için kırma/dolgu işleri gerekir.
2. Roterra 2450'de bakım kolaydır, manhol kapağından erişim yapılabilir.

▼ Betonarme Su Depolarının Dezavantajları (Roterra 2450'ye Göre)

1. Betonarme Su Depoları Ağır İnşaat operasyonları Gerektirir

1. Betonarme depolar şantiye sahasında kalıp, demir, beton dökümü gerektirir.
2. Roterra 2450 ise fabrikada hazır üretilir, sadece kazı ve montajla kurulumu tamamlanır.
→ zamandan ve işçilikten tasarruf.

2. Betonarme Su Depolarının Yeri Değiştirilemez / Modüler Değildir

1. Betonarme depolar sabittir, taşınamaz.
2. Roterra 2450 modüler yapısıyla taşınabilir ve gerektiğinde kapasite artırımı yapılabilir.

3. Betonarme Su Depolarında Her Zaman Su Sızdırma Riski Mevcuttur

1. Zamanla beton çatlakları, derz hataları → su kaybı veya dışarıdan kirli su sızması riski.
2. Roterra 2450 tek parça HDPE gövde sayesinde **%100 sızdırmaz**.
3. Roterra 2450 fabrikada imalattan sonra sızdırmazlık testine tabi tutulur.

class I

Class I coalescing separators do not exceed the hydrocarbon concentration of 5 mg/l.

At repair garages, gasoline stations, car-washing facilities, where oily and flammable liquid wastes are produced, separators shall be installed into which all oil-bearing, shall be discharged before emptying in the building drainage system or other point of disposal.

ROTO oil separator is equipped with coalescent filter, automatic closure devices and/or electronic warning system.

Coalescent filters are connected on the integrated wall and can be easily cleaned and replaced.



Volume [L]	NS [L/s]	Surface	Code	Dimensions A x B x C [mm]	Cover [mm]
2.200 L	3	120 m ²	7300075950	1840 x 1400 x 1600-1900	Ø600
3.000 L	6	240 m ²	7300075970	2400 x 1400 x 1600-1900	Ø600
3.500 L	10	400 m ²	7300072750	2080 x 1800 x 2050-2350	Ø600
5.000 L	15	600 m ²	7300075990	2450 x 1800 x 2050-2350	Ø600
6.000 L	20	800 m ²	7300075880	2820 x 1800 x 2050-2350	Ø600
8.000 L	30	1.200 m ²	7300072730	2680 x 2300 x 2500-2880	1xØ600, 1xØ800
10.000 L	40	1.600 m ²	7300072780	3040 x 2300 x 2500-2880	1xØ600, 1xØ800
12.000 L	50	2.000 m ²	7300072760	3760 x 2300 x 2500-2880	1xØ600, 1xØ800
16.000 L	65	2.600 m ²	7300072000	4840 x 2300 x 2500-2880	1xØ600, 1xØ800
20.000 L	80	3.200 m ²	7300072890	4540 x 2420 x 2800-3100	2xØ600, 1xØ800
23.000 L	100	4.000 m ²	7300074210	5190 x 2420 x 2800-3100	2xØ600, 1xØ800
30.000 L	125	5.080 m ²	7300072010	6550 x 2425 x 2700-3000	2xØ600, 1xØ800
35.000 L	150	6.100 m ²	7300075920	7530 x 2425 x 2700-3000	2xØ600, 1xØ800
40.000 L	200	8.100 m ²	7300075980	8510 x 2425 x 2700-3000	2xØ600, 1xØ800
45.000 L	250	10.100 m ²	7300076000	9870 x 2425 x 2700-3000	2xØ600, 1xØ800
50.000 L	300	12.100 m ²	7300072020	10850 x 2425 x 2700-3000	2xØ600, 1xØ800

class II

RoSep class II are gravitation separators.

Are designed to achieve a concentration of less than 100mg/l oil under standard test conditions and are suitable for dealing with discharges where a lower quality requirement applies (for example where the effluent passes to the waste water treatment for municipality).

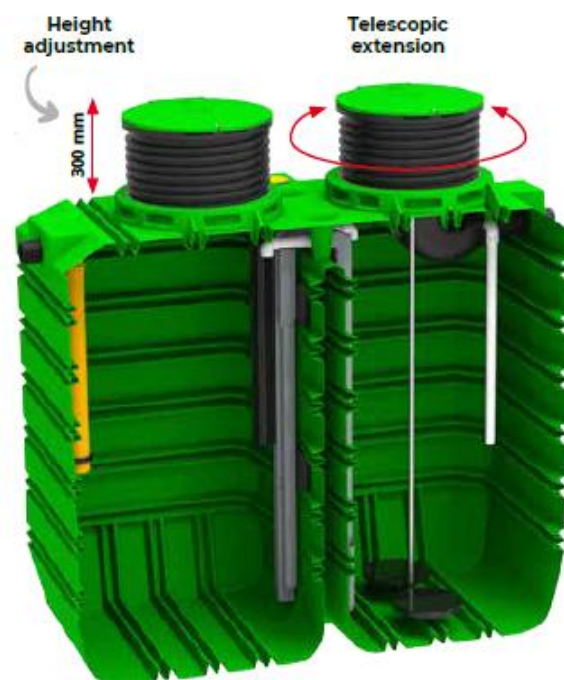
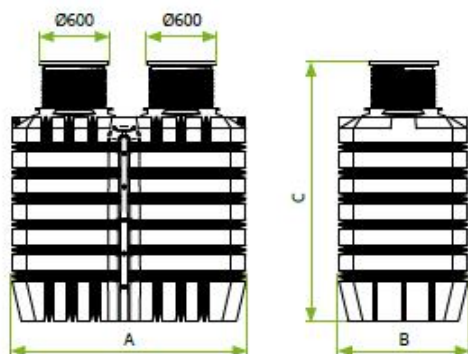
All materials used are highly durable and non-corrosive and all equipment used in the system is produced according to the highest quality standards.



Volume [L]	NS [L/s]	Surface	Code	Dimensions A x B x C [mm]	Cover [mm]
2.200 L	3	120 m ²	7300075900	1840 x 1400 x 1600-1900	Ø600
3.000 L	6	240 m ²	7300075910	2400 x 1400 x 1600-1900	Ø600
3.500 L	10	400 m ²	7300072880	2080 x 1800 x 2050-2350	Ø600
5.000 L	15	600 m ²	7300075930	2450 x 1800 x 2050-2350	Ø600
6.000 L	20	800 m ²	7300072710	2820 x 1800 x 2050-2350	Ø600
8.000 L	30	1.200 m ²	7300072720	2680 x 2300 x 2500-2880	1xØ600, 1xØ400
10.000 L	40	1.600 m ²	7300072740	3040 x 2300 x 2500-2880	1xØ600, 1xØ400
12.000 L	50	2.000 m ²	7300072770	3760 x 2300 x 2500-2880	1xØ600, 1xØ400
16.000 L	65	2.600 m ²	7300072050	4840 x 2300 x 2500-2880	1xØ600, 1xØ400
20.000 L	80	3.200 m ²	7300072940	4540 x 2420 x 2800-3100	2xØ600
23.000 L	100	4.000 m ²	7300074220	5190 x 2420 x 2800-3100	2xØ600

- Emiş borusu Tip-A (paslanmaz çelik)
- Emiş başlıkları



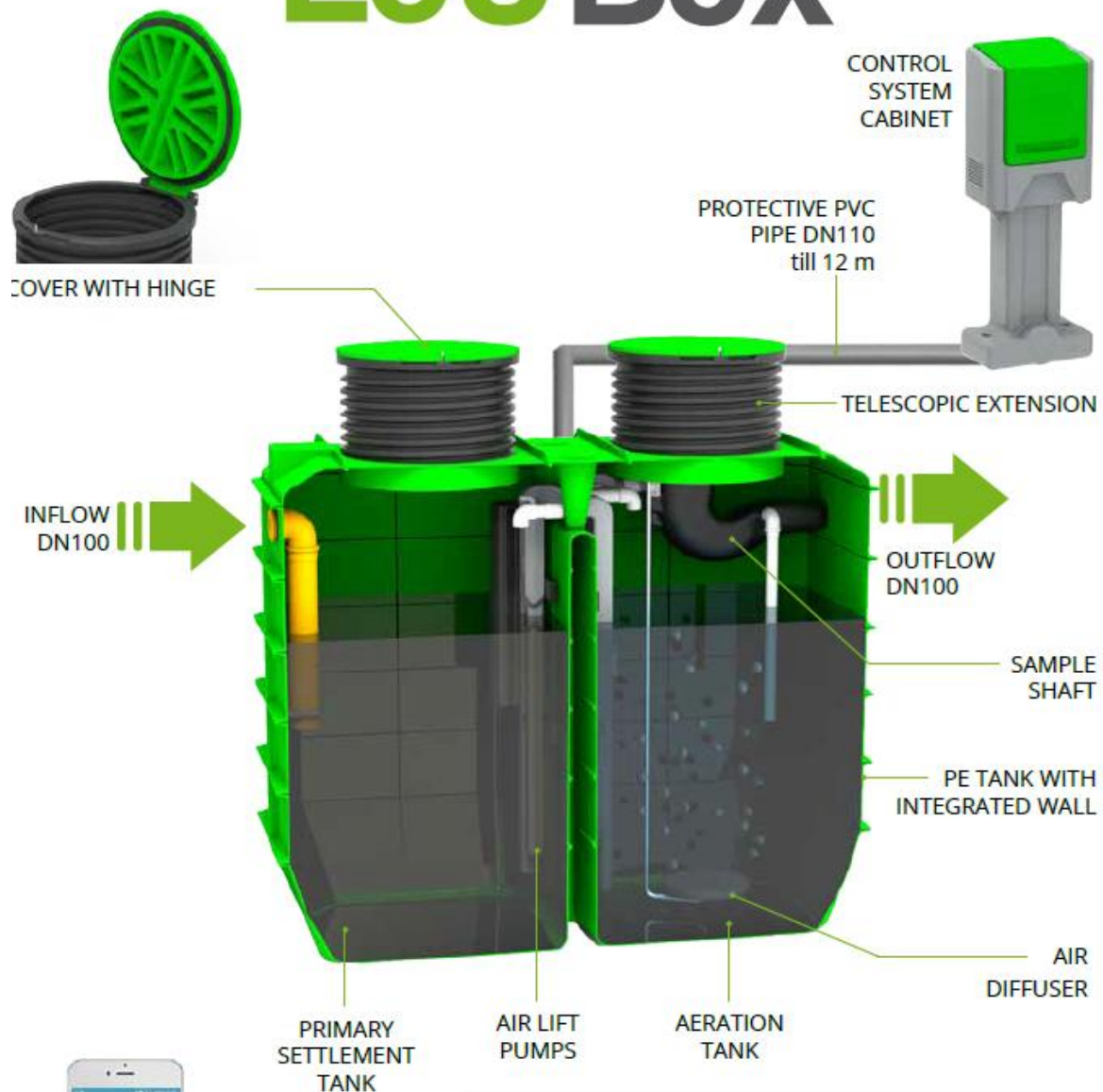


Options of control unit:



PU	2-5 PU	6-9 PU
Code	7100079950	7100076730
Max. day inflow [l/dan]	750	1350
Volume [L]	4000 L	6000 L
Dimension A x B x C [mm]	2330 x 1175 x 2000-2300	2450 x 1350 x 2300-2600
Diameter inspection opening	2 x DN600	2 x DN600
Height of inflow/outflow [mm]	1610/1530	1960/1880
Diameter of inflow/outflow pipe	DN 110	DN 110
Airflow volume (compresor) [l/min]	80	150
Power consumption (compresor) [W]	58	130
Sound level [dB]	36 dB	48 dB
Control system cabinet	P5	P5
Control unit	RC	RC
Sample shaft	5 L	5 L

EcoBox



roWEB
System and web application for remote control and operating mode of waste water treatment plants



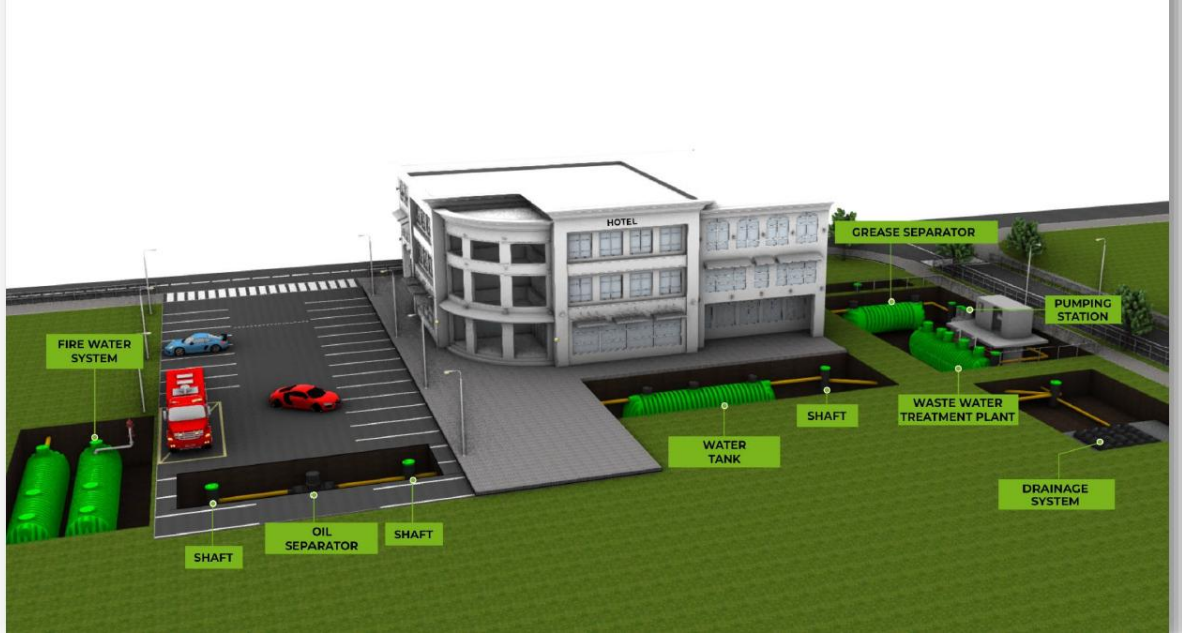
SBR TECHNOLOGY:

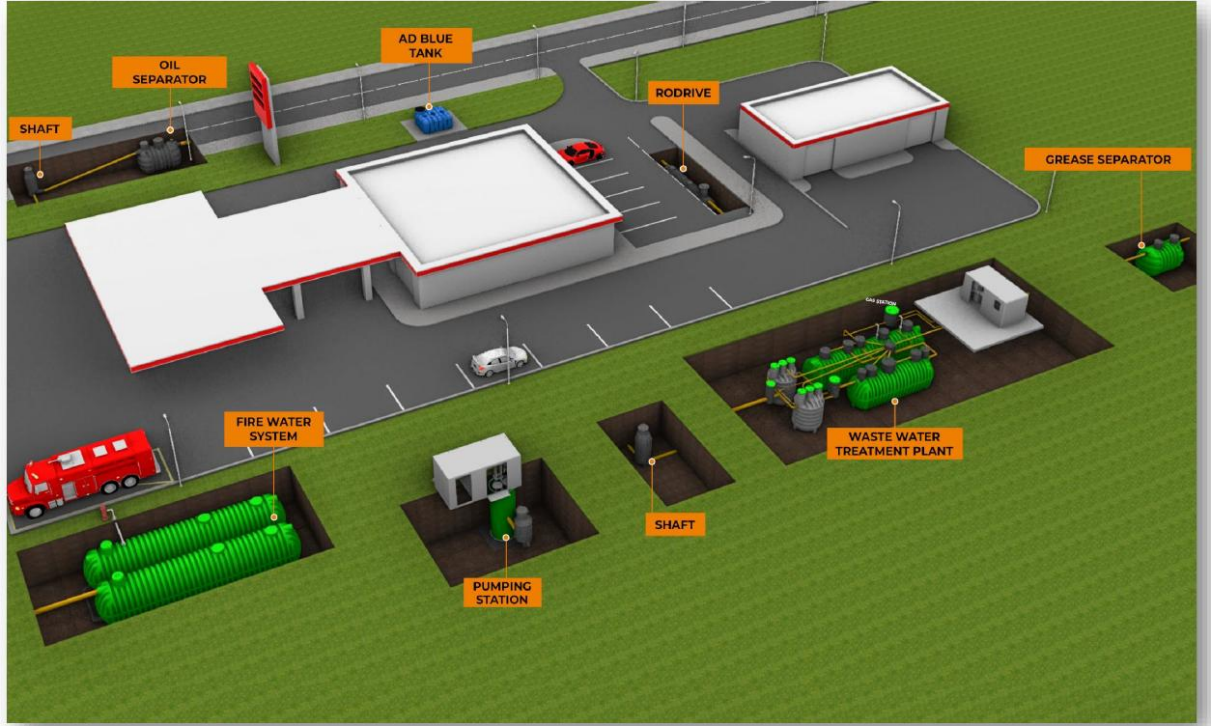
Process is managed by computer which is installed into the special box. Software is steering 4 magnetic valves. Each valve has specific function:

1. Pumping water from mud collector to the aerator.
2. Aeration in aeration chamber.
3. Pumping of purified water from aeration chamber to the outflow.
4. Pumping sediment mud from aerator chamber back to the mud collector

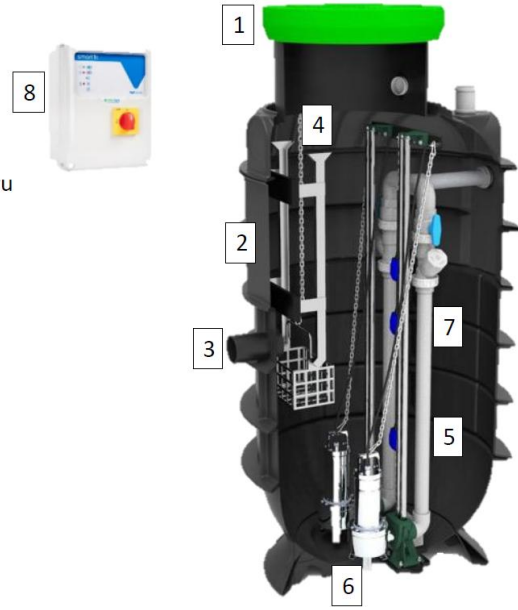
Özellik	Betonarme Su Deposu	Roterra 2450 (HDPE)
Kurulum	Şantiyede uzun süreli inşaat ve yüksek işçilik maliyeti	Fabrikadan hazır imalat, sahada hızlı montaj
Taşınabilirlik	Taşınamaz	Hafif ve taşınabilir
Sızdırmazlık / Yer Altı hareketleri/ Deprem / Yer Altı Suları	Çatlama riski, derz problemi, kırılma, aşınma, boğçalama yapılmazsa ise yer altı sularına mukavemet sağlamaz.	Tek parçadır, %100 sızdırmazdır. Deprem ve yer altı hareketlerine mukavemetlidir. Yer altı sularından etkilenmez.
Hijyen	Gözenekli yapı → yosun, bakteri	Pürüzsüz, bu sayede hijyenik
Kimyasal Dayanım	Zayıf (asit, tuz vb.)	Çok yüksek, (HDPE kimyasal inert)
Ömür	10–20 yıl (düzenli bakım yapılırsa)	50+ yıl (Bakım gerektirmez)
Modülerlik	Sabit hacim	Modüler, artırılabilir (sınırsız)
Maliyet	İlk yatırım orta/yüksek, bakım pahalı.	İlk yatırım orta, bakım masrafsız.
Uygulama	Büyük, sabit tesisler	Konut, sanayi, altyapı vb.

4





1. PE Müdahale kapağı. 200 kg kadar dayanımlı.
2. PE Şaft DN1000. Özel kaydırmaz yüzeyli.
3. PE Giriş borusu. Talebe göre farklı giriş çapında ve farklı boru çaplarında imalatı mümkün.
4. Çıkarılabilir paslanmaz çelik sepet ve kaide.
5. PVC-U basınçlı borular
6. Dab Feka VS pompa ile kolay bakım.
7. Zincire bağlı akış kontrol şaftları.
8. Kontrol kutusu. 1 yada 2 pompa içinde kullanıma uygun.

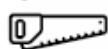




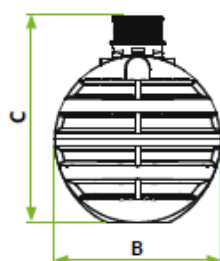
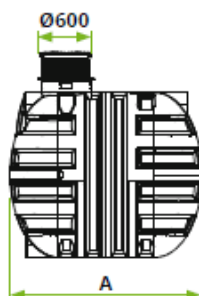
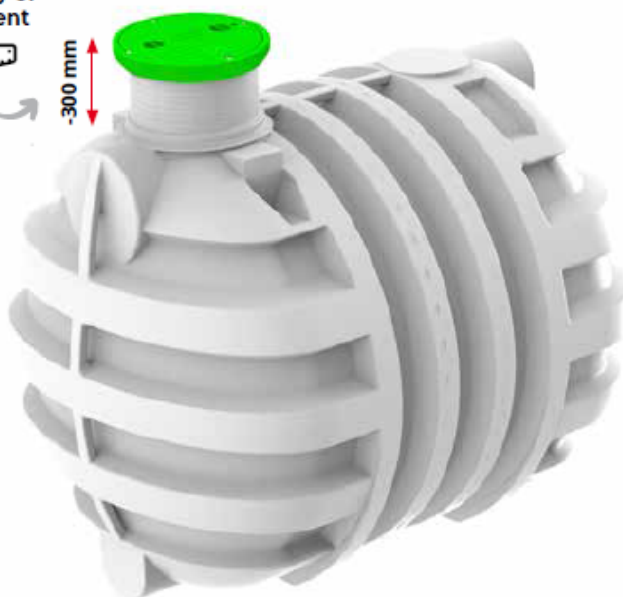
Rodrink tanks are certified
for drinking water:
REG2-0004-04-ZGPro1-2731



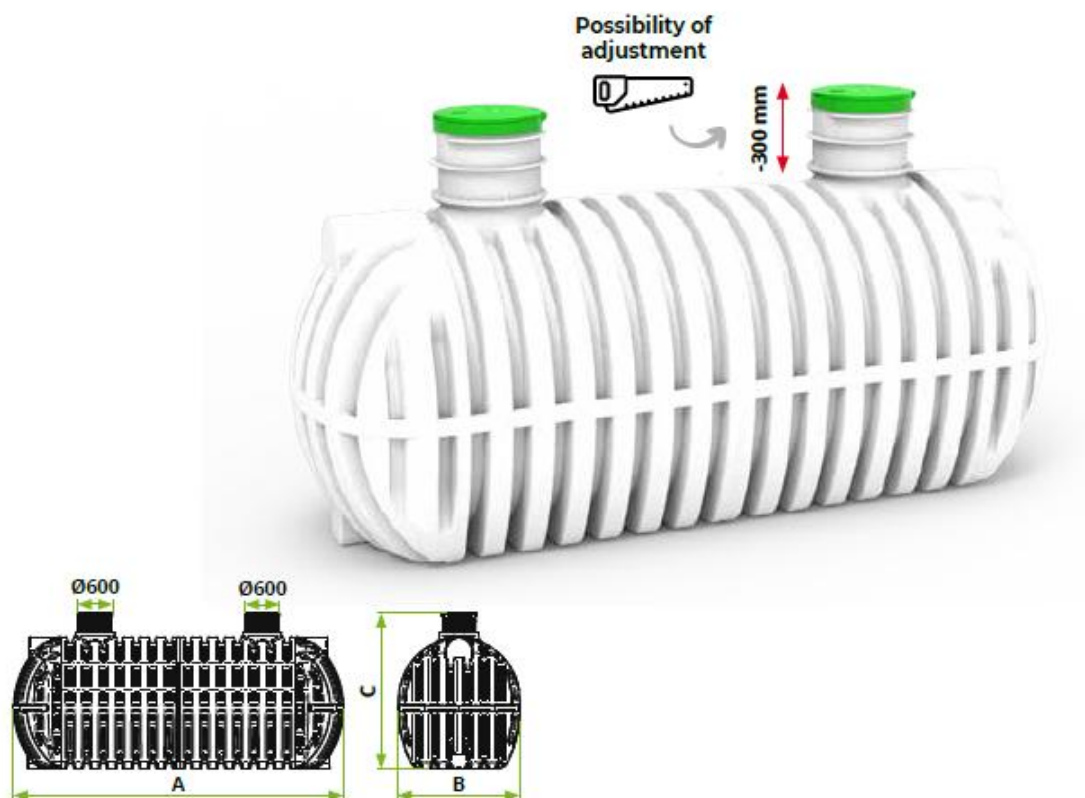
Possibility of
adjustment



~300 mm



Volume [L]	Code	Dimensions A x B x C [mm]	Inspection opening [mm]	Weight [kg]
2.200	7100067161	1840 x 1400 x 1600	Ø600	100
3.000	7100067171	2400 x 1400 x 1600	Ø600	130
5.000	7100090411	2450 x 1800 x 2050	Ø600	195
6.000	7100090421	2820 x 1800 x 2050	Ø600	235
8.000	7100062541	2680 x 2300 x 2350	Ø600	275
10.000	7100069031	3040 x 2300 x 2350	Ø600	315
12.000	7100062501	3760 x 2300 x 2350	Ø600	365
16.000	7100065771	4840 x 2300 x 2350	Ø600	465
22.000	7100062571	6280 x 2300 x 2850	2x Ø600	820
25.000	7100862571	7370 x 2300 x 2850	2x Ø600	1040
30.000	7100062351	8450 x 2300 x 2850	2x Ø600	1080



Volume [L]	Code	Dimensions A x B x C [mm]	Inspection opening [mm]	Weight [kg]
30.000	7110030000	6550 x 2425 x 2700 - 3000	2 x Ø800	990
35.000	7110035000	7530 x 2425 x 2700 - 3000	2 x Ø800	1140
40.000	710040000	8510 x 2425 x 2700 - 3000	2 x Ø800	1290
45.000	7110045000	9870 x 2425 x 2700 - 3000	3 x Ø800	1560
50.000	7110050000	10850 x 2425 x 2700 - 3000	3 x Ø800	1700
55.000	7110055000	11500 x 2425 x 2700 - 3000	3 x Ø800	1770
60.000	7110060000	12480 x 2425 x 2700 - 3000	3 x Ø800	1920
65.000	7110065000	13460 x 2425 x 2700 - 3000	3 x Ø800	2070



Volume [L]	Code	Dimensions A x B x C [mm]	Inspection opening [mm]	Weight [kg]
1.200	7100057620	Ø1300 x 1550	Ø600/800	50
1.500	7100057630	Ø1300 x 1800	Ø600/800	65
1.700	7100057810	Ø1300 x 2050	Ø600/800	80
2.000	7100057640	Ø1300 x 2300	Ø600/800	95
2.300	7100057650	Ø1300 x 2550	Ø600/800	115
2.500	7100057840	Ø1300 x 2800	Ø600/800	130
2.800	7100057660	Ø1300 x 3050	Ø600/800	145
3.000	7100057860	Ø1300 x 3300	Ø600/800	160



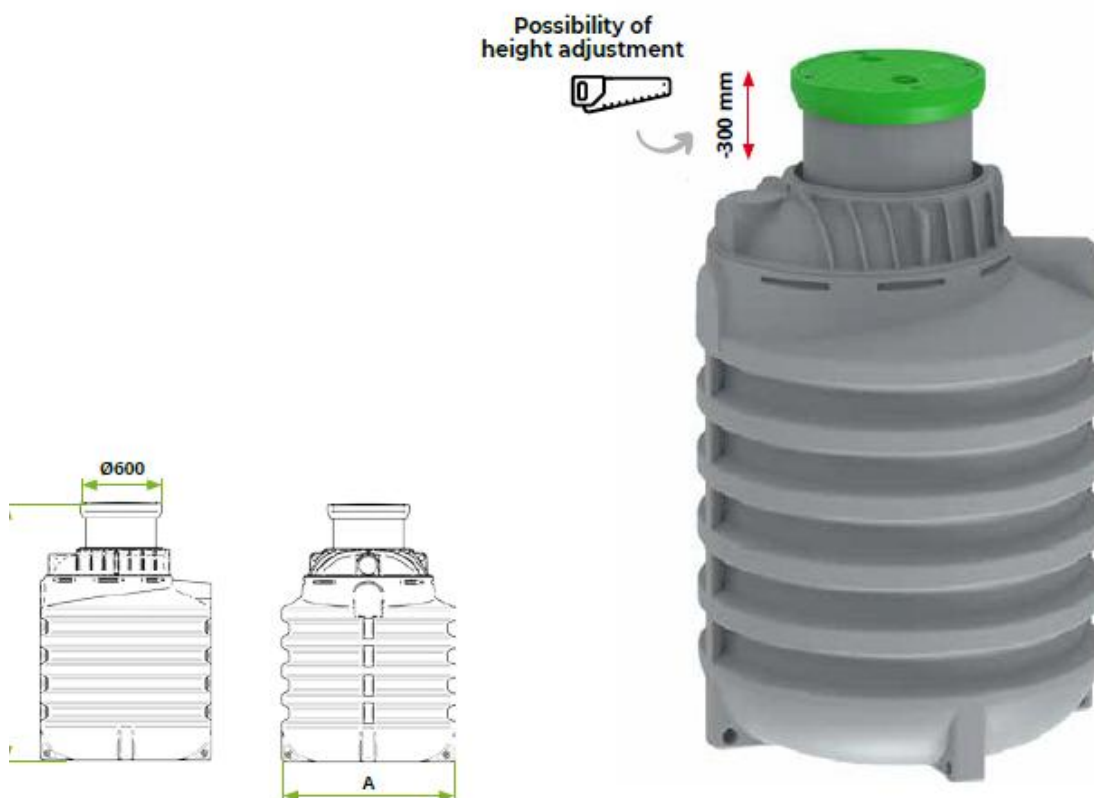
1.200 L

1.500 L

1.700 L

2.000 L

3.000 L



Volume [L]	Code	Dimensions A x B x C [mm]	Inspection opening [mm]	Weight [kg]
2.000	7100067450	Ø1500 x 2000	Ø600	79
2.350	7100067460	Ø1500 x 2250	Ø600	90
2.700	7100067470	Ø1500 x 2500	Ø600	101



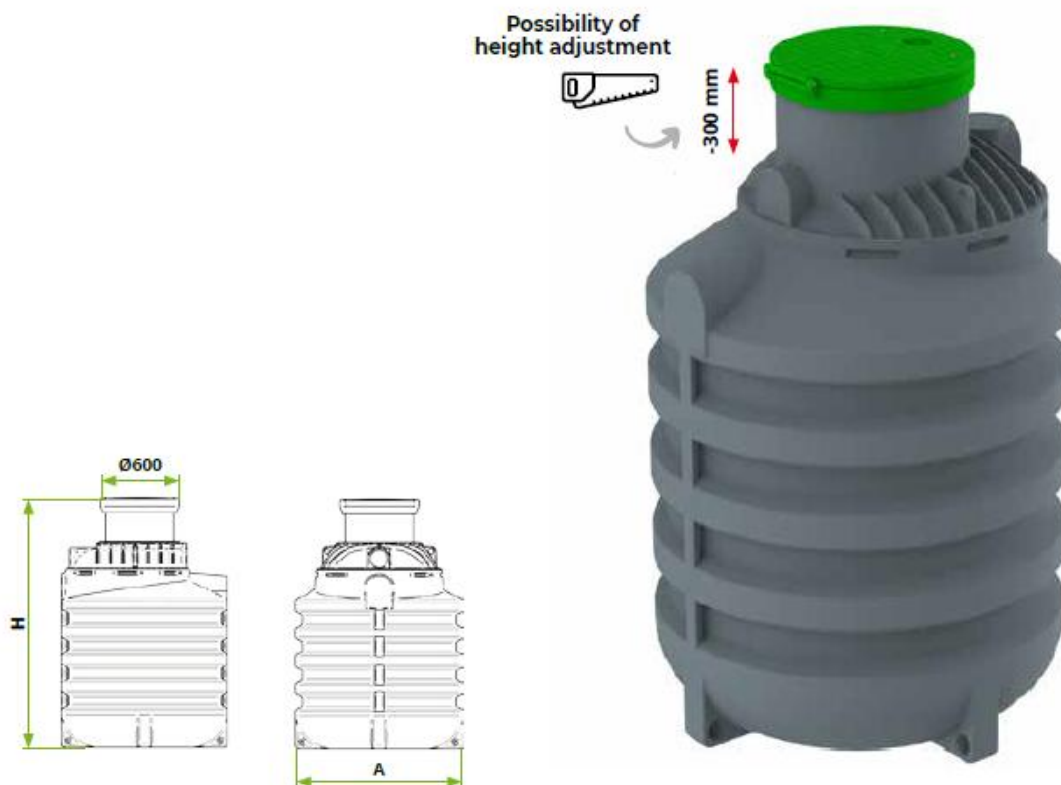
2 000 l



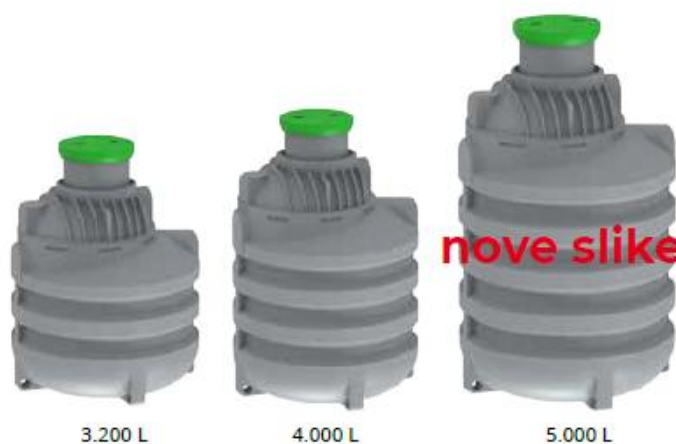
2 350 l

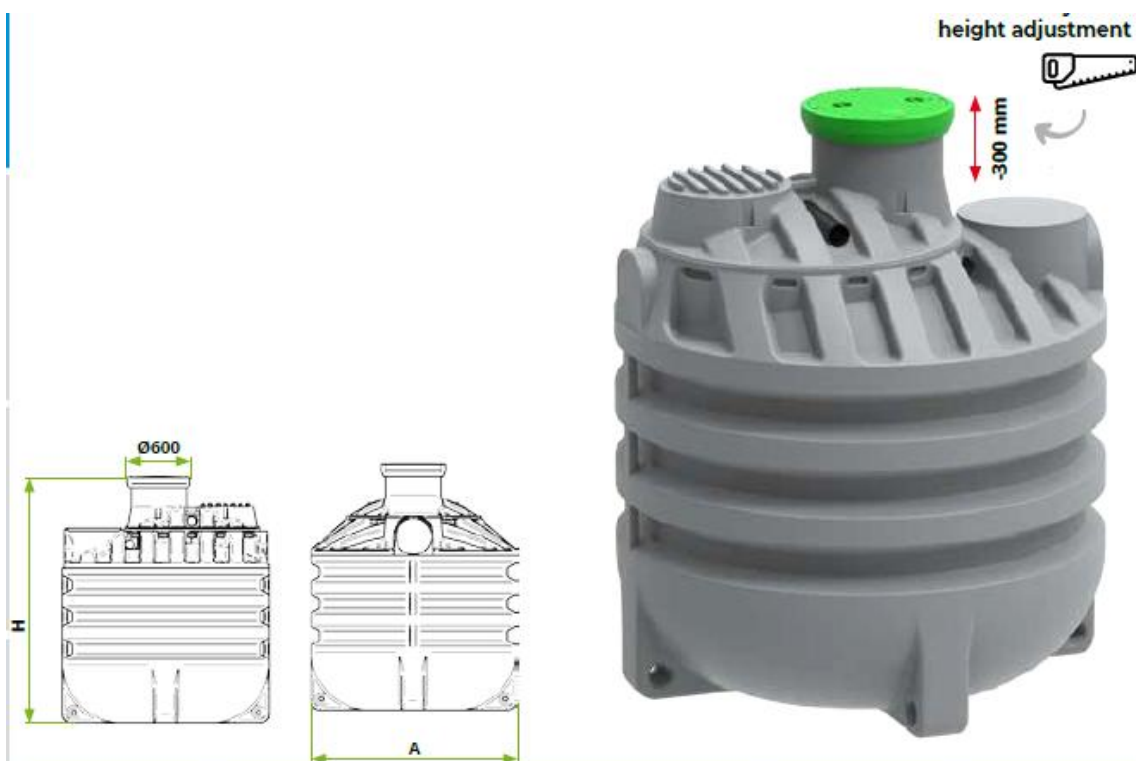


2 700 l



Volume [L]	Code	Dimensions A x B x C [mm]	Inspection opening [mm]	Weight [kg]
3.200	7100067260	Ø1800 x 2350	Ø800	136
4.000	7100067270	Ø1800 x 2700	Ø800	155
5.000	7100067280	Ø1800 x 3100	Ø800	182





Volume [L]	Code	Dimensions A x B x C [mm]	Inspection opening [mm]	Weight [kg]
6.000	7100067340	Ø2300 x 2400	1 x Ø800 or 2 x Ø600	221
7.500	7100067350	Ø2300 x 2750	1 x Ø800 or 2 x Ø600	252
8.700	7100067360	Ø2300 x 3100	1 x Ø800 or 2 x Ø600	283
10.000	7100067370	Ø2300 x 3500	1 x Ø800 or 2 x Ø600	315



ROCKO

PE COVER WITH ADAPTER

The cover with gasket and hinged opening ensures effective water tightness. The load capacity of the PE DN 600 cover is up to 200 kg.

PE RING

It allows easy installation of an additional tank extension and thus easy adjustment to the terrain.

INTEGRATED EXTENSION

The extension of the ROTO Rocko tanks can be cut off so that the height can be adjusted to the terrain.

INFLOW



OUTFLOW



POSSIBILITY OF CONNECTION

HOLES FOR ANCHORING

They make it easier to attach tank to a concrete slab in case of anchoring due to high groundwater.

REINFORCING RIBS

Reinforcing ribs on both sides ensure the stability of the tank and protection in case of high water tables.



Rocko tanks can be used as an **UNDERGROUND** or **OVERGROUND** water tank.

Rocko water tank features:



Underground OR overground water tank



Material: polyethylene



Made in one piece, 100% waterproof



Excellent statics, resistance to earth pressures and external forces



Wall thickness 8 - 14 mm

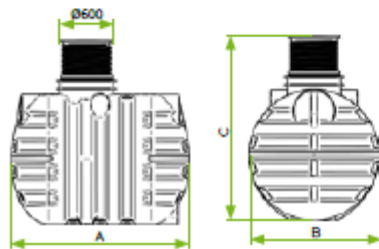
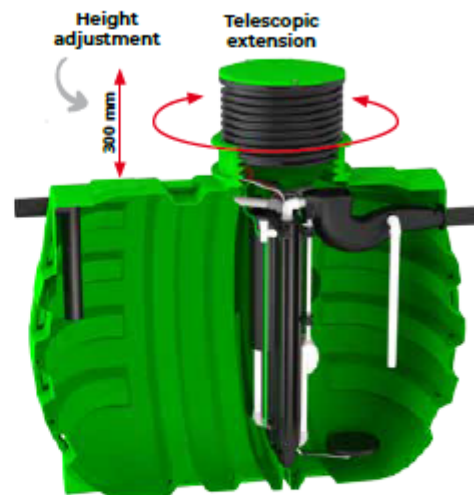


Possibility to adjust the height of the extension to the requirements of the terrain



The product can be 100% recycled after use

The waste water in RoClean water does not flow freely through the system, but its feedes with specific volumes from the storage tank into the SBR reactor, where it is processed through several treatment cycles. This results in different water levels in different tanks.

[illegible]

DN800

Shaft height [H]	Code
850 mm	7600058500
1100 mm	7600058060
1350 mm	7600058070
1600 mm	7600058510
1850 mm	7600058520
2100 mm	7600058530
2350 mm	7600058050
2600 mm	7600058020

DN1000

Shaft height [H]	Code
900 mm	7600059130
1250 mm	7600059140
1500 mm	7600059150
1750 mm	7600059160
2000 mm	7600059170
2250 mm	7600059180
2500 mm	7600059190
2750 mm	7600059200
3000 mm	7600059210

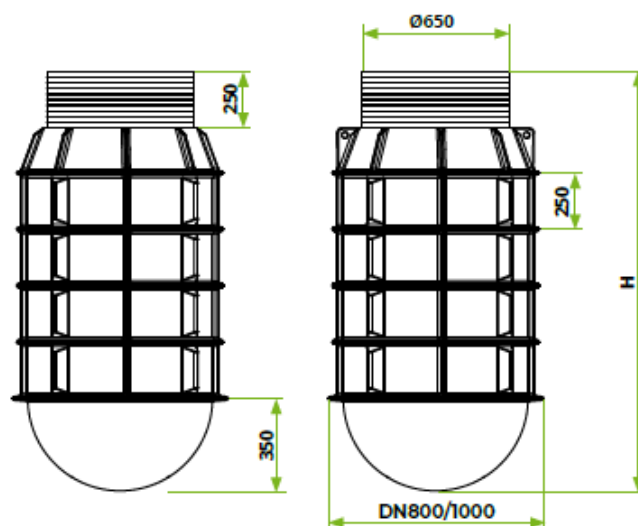
Connection options:



PE connector and PVC pipe connector



corrugated pipe connection



DN400

Height [H]	Code
800 mm	7600076480
1000 mm	7600066370
1300 mm	7600076490
1500 mm	7600066350



DN800

Height [H]	Code
1000 mm	7600059030
1250 mm	7600059040
1500 mm	7600059050
1750 mm	7600059060
2000 mm	7600059070
2250 mm	7600059080
2500 mm	7600059090



DN500

Height [H]	Code
500 mm	7600059510
1000 mm	7600059520
1250 mm	7600059530
1500 mm	7600059540
1750 mm	7600059550
2000 mm	7600059560



DN1000

Height [H]	Code
1000 mm	7600059270
1250 mm	7600059280
1500 mm	7600059290
1750 mm	7600059760
2000 mm	7600059770
2250 mm	7600059300
2500 mm	7600059310
2750 mm	7600059320
3000 mm	7600059330



DN600

Height [H]	Code
1000 mm	7600074430
1250 mm	7600059120
1500 mm	7600074420
1750 mm	7600074410
2000 mm	7600074400



PE cover options:



DN400
PE cover

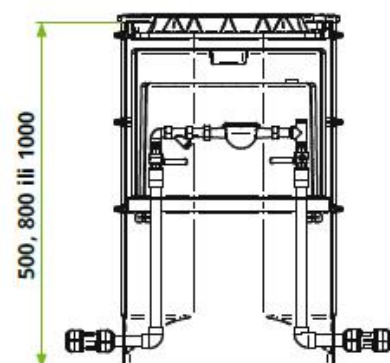
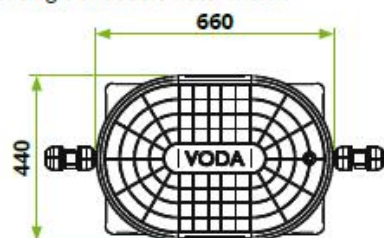


DN600
adapter with cover

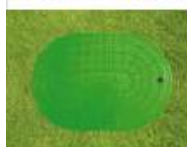


TERMO OKIROTO

Water meter shafts OKIROTO termo are available in three sizes: H=500 mm, H=800 mm in H=1000 mm, with the possibility of delivery as a complete already equipped water meter shaft or as an empty shaft. In the standard equipment at the time of purchase, the shaft also includes a polyethylene [PE] cover for single or double water meter.



Cover options:



PE green – for
green surfaces
[šifra: 7906021660]



Solid lid cover
class A015
[šifra: 5802220780]



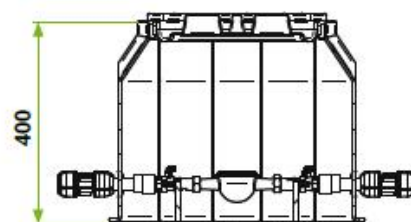
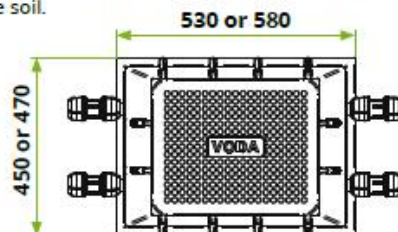
Solid lid cover
class B125

*In case of
ordering a larger
quantity of shafts,
the shaft cover is
also available in
other colors.



QUADROTO

Water meter shaft QuadROTO is available in two sizes: 420x420x400 mm and 520x400x400 mm, with the possibility of delivery as a complete already equipped water meter shaft or as an empty shaft. Water meter shafts QuadROTO are intended for areas where there is no possibility of freezing the soil.



Cover options:



PE green – for
green surfaces



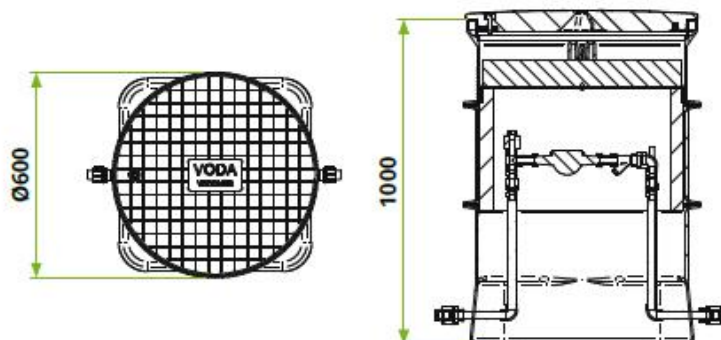
PE black

*In case of
ordering a
larger quantity
of shafts,
the shaft cover is
also available in
other colors.



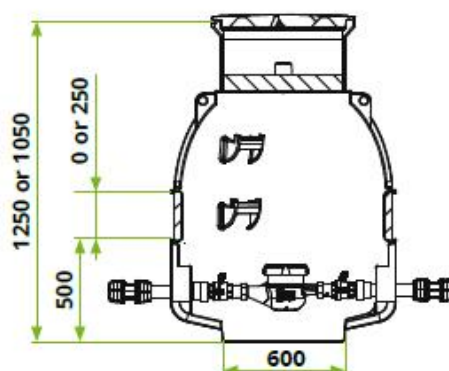
TERMO DN600

Water meter shaft of diameter DN600 is an ideal choice for individual houses or smaller water consumers. Shafts are available as equipped with necessary components or empty. As standard, the shafts contain a thermal insulation jacket around the inner perimeter and a thermal insulated cover.



TERMO DN1000

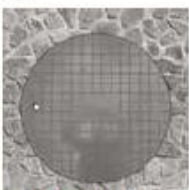
The water meter thermal shaft DN1000 is suitable for the installation of a larger number water meters – with the possibility up to 4 water meters. It is available as equipped or empty.



Cover options:



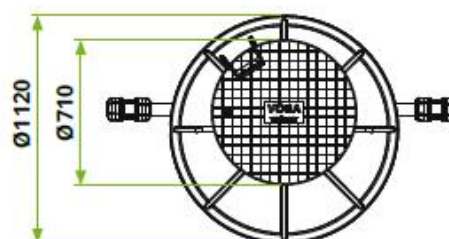
PE GREEN COVER
for lawns



PE concrete gray
for paved surfaces



Solid lid cover black
A015 for asphalted



SM1 with cover

Code

7600074330



PKJ DN800

Code

7600073260



SM2

Code

7600074340



PKJ DN1000

Code

7600075300



PKJ DN600

Code

7600074830



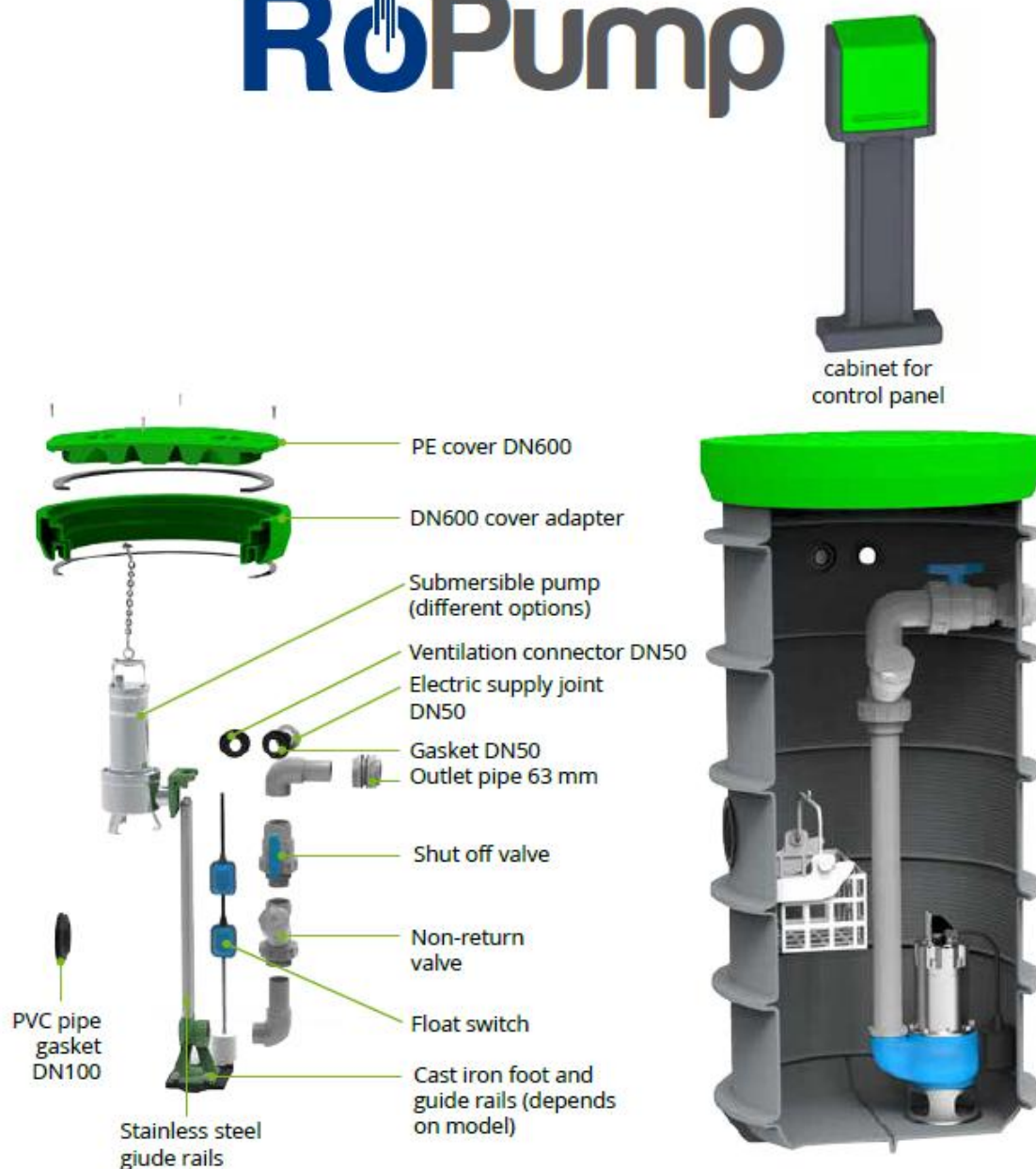
MPKJ

Code

7600073280



RoPump



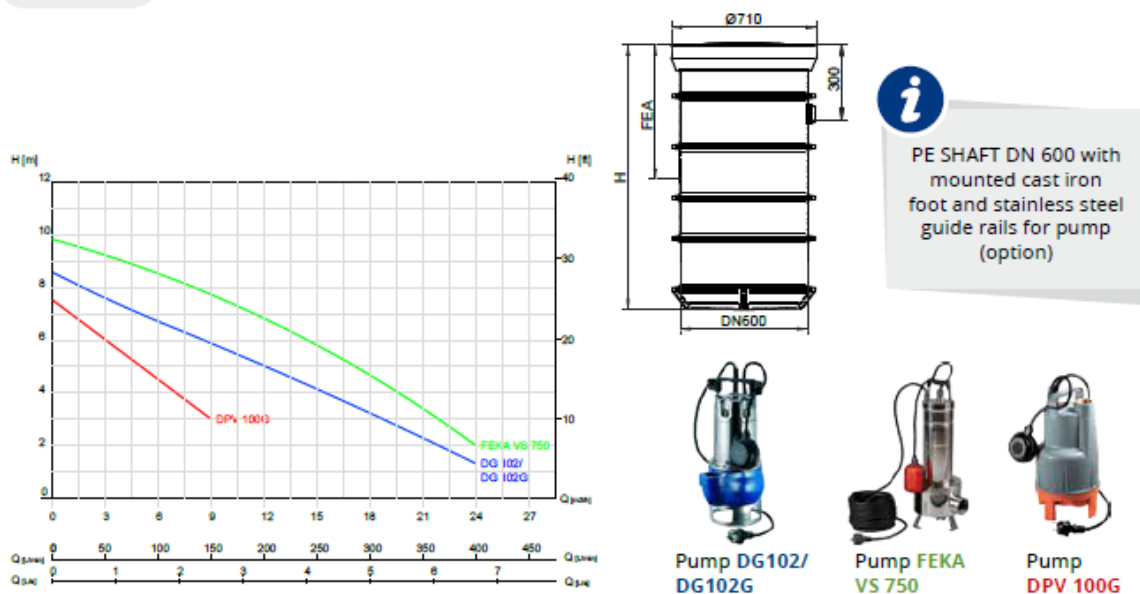
individual use DN600 with one pump

Advantages of ROTO pumping stations

- + Reinforced PE shaft, resistant to deformations and negative impacts
- + Adjustable cover for fast and simple adjustment to the terrain
- + Pre-factory assembled pumping stations
- + Large selection of different submersible pumps
- + Up to 50 mm diameter of solid passage in pump
- + Optional stainless steel catching basket
- + Different options of submersible pumps



EN 12050-2



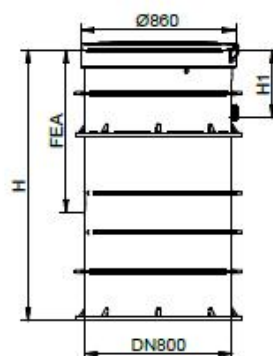
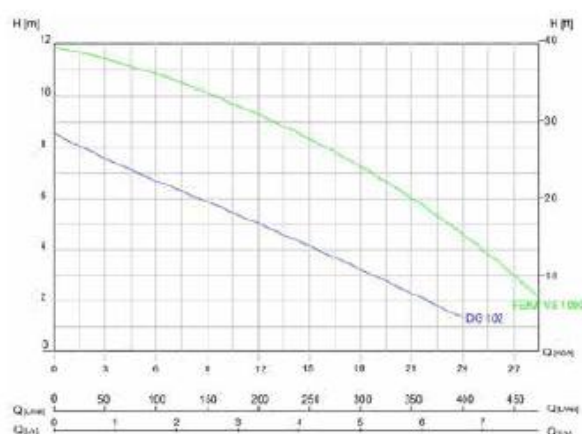
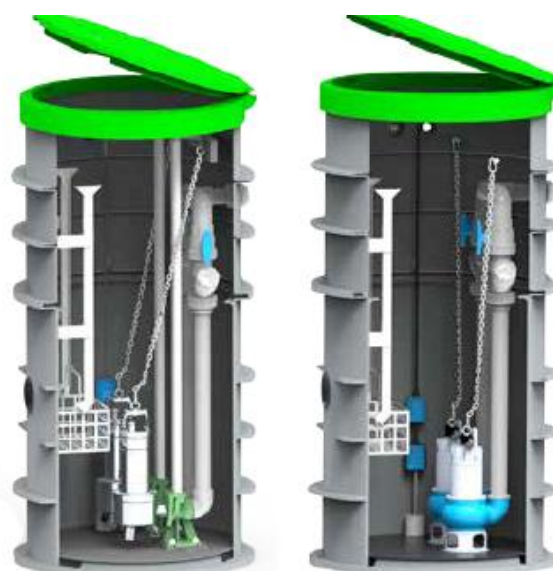
Dimensions	Code	FEA [mm]	Pump selection	Required voltage	Pump power	Passage solid [mm]	Inside passage [mm]	Output pipe diameter [mm]
D600 × H1000 mm	7700001041	400	Pentax DG102G	220 - 240V	1,2 kW / 1,61 HP	50	50	63
	7700001031		Pentax DG102	220 - 240V	1,2 kW / 1,61 HP	50	50	63
	7700001051		DAB FEKA VS 750 with rails	220 - 240V	0,75 kW / 1 HP	50	50	63
D600 × H1200 mm	7700001070	600	Pentax DG102G	220 - 240V	1,2 kW / 1,61 HP	50	50	63
	7700001071		Pentax DG102	220 - 240V	1,2 kW / 1,61 HP	50	50	63
	7700001052		DAB FEKA VS 750 with rails	220 - 240V	0,75 kW / 1 HP	50	50	63
D600 × H1500 mm	7700001010	900	Pentax DG102G	220 - 240V	1,2 kW / 1,61 HP	50	50	63
	7700001011		Pentax DG102	220 - 240V	1,2 kW / 1,61 HP	50	50	63
	7700001053		DAB FEKA VS 750 with rails	220 - 240V	0,75 kW / 1 HP	50	50	63
D600 × H1800 mm	7700001021	1200	Pentax DPV 100G	220 - 240V	0,75 kW / 1 HP	15	25	32
	7700001080		Pentax DG102G	220 - 240V	1,2 kW / 1,61 HP	50	50	63
	7700001081		Pentax DG102	220 - 240V	1,2 kW / 1,61 HP	50	50	63
	7700001054		DAB FEKA VS 750 with rails	220 - 240V	0,75 kW / 1 HP	50	50	63
	7700001022		Pentax DPV 100G	220 - 240V	0,75 kW / 1 HP	15	25	32

individual use DN800 with two pumps

Advantages of ROTO pumping stations

- + Reinforced PE shaft, resistant to deformations and negative impacts
- + Adjustable cover for fast and simple adjustment to the terrain
- + Easy access for maintenance and work inside the shaft
- + Pre-factory assembled pumping stations
- + Large selection of different submersible pumps
- + up to 50 mm diameter of solid passage in pump
- + Optional stainless steel catching basket
- + Different options of submersible pumps

EN 12050- 2



PE SHAFT DN 800 with mounted cast iron foot and stainless steel guide rails for pump (option)



Pump DG102/
DG102G



Pump FEKA
VS 1000

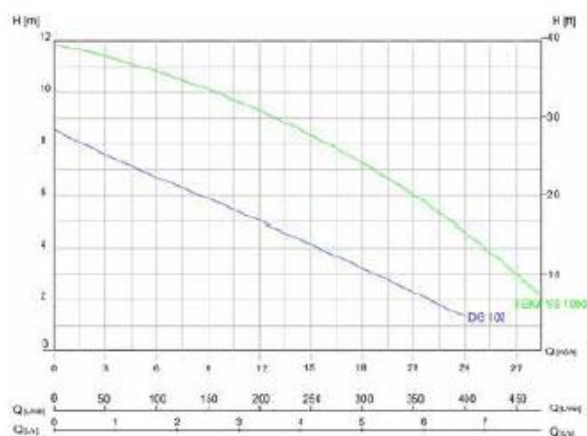
Dimensions	Code	FEA [mm]	Pump selection	Required voltage	Pump power	Passage solid [mm]	Inside passage [mm]	Output pipe diameter [mm]
D800 × H1000 mm	7700002011	400	Pentax DG102	220 - 240V	1,2 kW / 1,61 HP	50	50	63
	7700002051		DAB FEKA VS 1000 with rails	220 - 240V	1 kW / 1,34 HP	50	50	63
D800 × H1200 mm	7700002055	600	Pentax DG102	220 - 240V	1,2 kW / 1,61 HP	50	50	63
	7700002052		DAB FEKA VS 1000 with rails	220 - 240V	1 kW / 1,34 HP	50	50	63
D800 × H1500 mm	7700002033	900	Pentax DG102	220 - 240V	1,2 kW / 1,61 HP	50	50	63
	7700002053		DAB FEKA VS 1000 with rails	220 - 240V	1 kW / 1,34 HP	50	50	63
D800 × H1800 mm	7700002066	1200	Pentax DG102	220 - 240V	1,2 kW / 1,61 HP	50	50	63
	7700002054		DAB FEKA VS 1000 with rails	220 - 240V	1 kW / 1,34 HP	50	50	63

individual use DN1000 with two pumps

Advantages of ROTO pumping stations

- + Reinforced PE shaft, resistant to deformations and negative impacts
- + Adjustable cover for fast and simple adjustment to the terrain
- + Pre-factory assembled pumping stations
- + Large selection of different submersible pumps
- + Up to 50 mm diameter of solid passage in pump
- + Optional stainless steel catching basket
- + Different options of submersible pumps

EN 12050- 2



Pump DG102/
DG102G



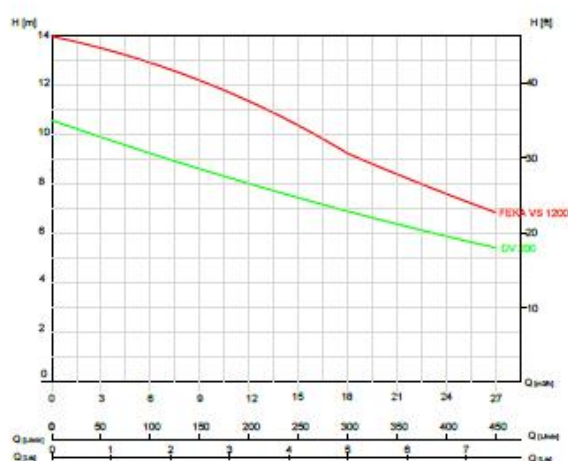
Pump FEKA
VS 1000

Dimensions	Code	FEA [mm]	Pump selection	Required voltage	Pump power	Passage solid [mm]	Inside passage [mm]	Output pipe diameter [mm]
D1000 × H2300 mm	7700003031	1200	DAB FEKA VS 1000 with rails	220 - 240V	1 kW / 1,34 HP	50	50	63

DN1200 for waste and rain water

- The upper part of the tank can have one large or two separate openings with covers DN600, depends on how many pump you would like to install.
- The bottom of the tank has places for anchoring in case of ground water.
- Simple installation thanks to the low weight of the tank/shaft components and easy connection technique.
- Long-term reliability thanks to the absolutely water-tight chamber system which is resistant to sedimentary deposits and aggressive media as well as root infiltration.
- Simple pump servicing through openings.

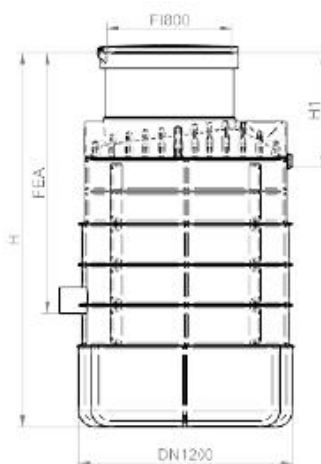
EN 12050- 2



Pump DV 200



Pump FEKA VS 1200



Dimensions	Code	FEA [mm]	Pump selection	Required voltage	Pump power	Passage solid [mm]	Inside passage [mm]	Output pipe diameter [mm]
D1200 × H2300 mm	7700005044	1200	Pentax DV 200	220 - 240V	1,5 kW – 2 HP	50	65	75
	7700002031		DAB FEKA VS 1200 with rails	220 - 240V	1,2 kW / 1,61 HP	50	50	63

	IMAGE	NAME AND CODE	DESCRIPTION	SUITABLE FOR
COVERS AND EXTENSIONS		COVER DN 400 [code: 7100061710]	Cover made of PE material, load capacity up to 2 kN, dimensions Ø400 x 100 mm	RoOkI 500 L RoOkI 1.000 L
		EXTENSION Ø400 x 200 mm [code: 7100063580]	Extension made of PE material, dimensions Ø400 x 200 mm	RoOkI 500 L RoOkI 1.000 L
		COVER DN 500 [code: 7104111660]	Cover made of PE material, load capacity up to 2 kN, dimensions Ø500 x 80 mm	RoOkI 1.500 L RoOkI 3.500 L
		EXTENSION Ø500 x 315 mm [code: 7104036060]	Extension made of PE material, dimensions Ø500 x 315 mm	RoOkI 1.500 L RoOkI 3.500 L
		COVER DN 600 [code: 7100520610]	Cover made of PE material, load capacity up to 2 kN, dimension Ø600 mm	RoOkI 3.000 L RoOkI 5.000 L RoOkI 10.000 L
		EXTENSION Ø600 x 250 mm [code: 7100520630] EXTENSION Ø600 x 500 mm [code: 7100520640]	Extension made of PE material, dimensions Ø600 x 250 mm or Ø600 x 500 mm	RoOkI 3.000 L RoOkI 5.000 L RoOkI 10.000 L
		TELESCOPIC EXTENSION AND COVER WITH HINGED OPENING DN 600 [code: 7600088710]	Telescopic extension with cover made of PE material, dimensions Ø600 x 400 mm	Roterra Roterra 2450 (all volumes) RoBox 5000
		ADDITIONAL EXTENSION DN 600 x 500 [code: 7113110700]	Extension made of PE material, dimensions Ø600 x 500 mm	Roterra Roterra 2450 (all volumes)
		THREADED ADAPTER FOR FINE FILTER [code: 7100520320]	Threaded adapter for fine filter made of PE material, dimensions Ø800 x 585 mm	RoBox 5000
CAST IRON COVERS		COVER AND FRAME DN 600 (600) [code: 7100520601]	Cast iron cover and frame, load capacity up to 125 kN, dimensions Ø600 mm	Roterra Roterra 2450 (all volumes)
		COVER AND FRAME DN 600 (603) [code: 7100520603]	Cast iron cover and frame, load capacity up to 250 kN, dimensions Ø600 mm	Roterra Roterra 2450 (all volumes)
		COVER AND FRAME DN 600 (604) [code: 7100520604]	Cast iron cover and frame, load capacity up to 400 kN, dimensions Ø600 mm	Roterra Roterra 2450 (all volumes)

COVERS AND ADAPTERS	IMAGE	NAME AND CODE	DESCRIPTION	SUITABLE FOR
		COVER DN 600, ASSEMBLED [code: 7100520240]	Cover with adapter made of PE material, load capacity up to 2 kN, dimensions Ø690 x 120 mm	RoCko RoVoda RoDrInk (all volumes) Sand trap Ø640
		COVER DN 600 [code: 7100520190]	Cover made of PE material, load capacity up to 2 kN, dimensions Ø690 x 65 mm	RoCko RoVoda RoDrInk (all volumes) Sand trap Ø640
		COVER DN 600 ADAPTER [code: 7100520310]	Adapter for cover DN 600 made of PE material, dimensions Ø690	RoCko RoVoda RoDrInk (all volumes) Sand trap Ø640
		COVER DN 800, ASSEMBLED [code: 7100520620]	Cover with adapter made of PE material, load capacity up to 2 kN, dimensions Ø855 x 130 mm	RoCko RoDrInk 2450 (all volumes)
		COVER DN 800 [code: 7100520600]	Cover made of PE material, load capacity up to 2 kN, dimensions Ø855 x 70 mm	RoCko RoDrInk 2450 (all volumes)
		COVER DN 800 ADAPTER [code: 7100520610]	Adapter for cover DN 800 made of PE material, dimensions Ø800	RoCko RoDrInk 2450 (all volumes)
		COVER DN 1000, ASSEMBLED [code: 7100520970]	Cover with adapter made of PE material, load capacity up to 2 kN, dimensions Ø1135 x 160 mm	RoCko (all volumes)
		COVER DN 1000 [code: 7100520870]	Cover made of PE material, load capacity up to 2 kN, dimensions Ø1135 x 85 mm	RoCko (all volumes)
		COVER DN 1000 ADAPTER [code: 7100520880]	Adapter for cover DN 1000 made of PE material, dimensions Ø1000	RoCko (all volumes)
		COVER DN 800 [code: 7100901810]	Cover made of PE material, load capacity up to 6 kN, dimensions Ø800 x 100 mm	RoCko Ø2310 (vsi volumni)
		EXTENSION DN 800 x 750 mm [code: 7100067020]	Extension made of PE material, dimensions Ø800 x 750 mm	RoCko Ø2310 (vsi volumni)
		ARTIFICIAL GRASS COVER [code: 7100901820]	An artificial grass cover that elegantly covers the PE cover placed on the grassy areas.	

	IMAGE	NAME	CODE	DIMENSIONS
WASHERS		For smooth PVC / PP pipes, for sealing joints, inlets and outlets. They can be used to connect different elements (tanks, filters, sand traps, shafts ...)		
		Rubber washer Ø50 mm	[code: 7112803020]	dimensions Ø50
		Rubber washer Ø110 mm	[code: 7112803040]	dimensions Ø110
		Rubber washer Ø125 mm	[code: 7112803050]	dimensions Ø125
		Rubber washer Ø160 mm	[code: 7112803230]	dimensions Ø160
		Rubber washer Ø200 mm	[code: 7112803060]	dimensions Ø200
		CONNECTORS 1/2" up to 6/4"	[code: 7131440200]	1/2" up to 6/4"
	IMAGE	NAME	CODE	DIMENSIONS
FILTERS		BUILD-IN FILTER SET [code: 7100062480]	Already built-in filter. Components: inflow pipe DN 110, fine filter, calming and overflow siphon (D3).	300 x 150 x 150
		FILTER - SIEVE [code: 7181530010]	Filter - sieve, which is mounted on the neck of the tank and allows the filtration of larger particles (leaves, branches ...)	Ø400 x 200
		SANITARY WATER FILTER ON THE DISTRIBUTION NETWORK [code: 7100065490]	Combined water filtration system for complete purification of water used in the household. It thoroughly cleans mechanical particles, chlorine and removes any bad smell or taste from the water. If necessary, a UV disinfection device can be installed behind the filter.	/
		DRINKING WATER FILTER ON THE DISTRIBUTION NETWORK [code: 7100092810]	A domestic water station that provides well-purified and microbiologically safe drinking water. Water filtration and UV disinfection system.	/
RAIN GUTTER SHAFTS		GUTTER MANHOLE (SEWER) L [code: 7100070950]	The duct is the link between the gutter and the inlet pipes to the tank. Adjust the lid according to the shape and size of the spout. Outflow DN 110, 125, 160.	Ø250 x 600
		GUTTER MANHOLE (SEWER) I [code: 7100520080]	The duct is the link between the gutter and the inlet pipes to the tank. Outflow DN 110, 125, 160.	Ø250 x 420

	IMAGE	NAME	CODE	DIMENSIONS
SAND TRAPS		The sand and leaves from the roof are separated from the water in the sand trap. The inlet / outlet washers are DN 110 and DN 125. There are two versions available with or without a carbon filter and mesh.		
		SAND TRAP Ø400 x 1000	[code: 7100066373]	Ø400 x 1000
		SAND TRAP Ø400 x 1500	[code: 7100066353]	Ø400 x 1500
		SAND TRAP Ø500 x 1000	[code: 7600059520]	Ø500 x 1000
		SAND TRAP Ø500 x 1500	[code: 7600059540]	Ø500 x 1500
		SAND TRAP Ø640 x 1000	[code: 7600074450]	Ø640 x 1000
		SAND TRAP Ø640 x 1500	[code: 7600074470]	Ø640 x 1500
GULLIES		ROAD GULLIE Ø400 x 800	[code: 7100076480]	Ø400 x 800
		ROAD GULLIE Ø400 x 1300	[code: 7100076490]	Ø400 x 1300
WITH FILTER		SAND TRAP WITH FILTER Ø400 x 800 IN POKROVOM	[code: 7100065970]	Ø400 x 800
		SAND TRAP WITH FILTER Ø640 x 800 IN POKROVOM	[code: 7100074500]	Ø640 x 800
	IMAGE	NAME	CODE / DESCRIPTION	DIMENSIONS
LEVEL GAUGES		WATER LEVEL GAUGE - BASIC Manufacturer: Apolo [code: 7100065560]	Remote wireless water level display. Reach up to 300 m. Easy installation and battery powered.	/
		WATER LEVEL GAUGE - PROFI Manufacturer: Navis [code: 8001230]	Remote wireless water level display. Reach up to 300 m. Easy installation and battery powered.	/
FINE FILTERS		FINE FILTER Ø400 x 430 mm FOR UP TO 400 m² ROOF AREA [code: 7100092800]	It allows efficient cleaning of water flowing from the roof. Inflow 2x DN 110, outflow DN 110 and DN 125.	Ø400 x 450
		FINE FILTER DUO FOR UP TO 700 m² ROOF AREA [code: 7100066180]	It allows efficient cleaning of water flowing from the roof. Inflow je 2x DN 100 / DN 150, outflow 2x DN 100 / DN 150.	873 x 680
		EXTENSION FOR FINE FILTER Ø400 [code: 0009282]	Extension for fine filter Ø400.	/
RINGS		REINFORCEMENT RING FOR TANK - PAINTED (KIT)	[code: 71210279]	Ø2350 x 100
		REINFORCEMENT RING FOR TANK - GALVANIZED (KIT)	[code: 7112102790]	Ø2350 x 100

	Name	Type of waste water treatment plant	Material and use	Code	Dimensions
	P4	RoEco 3 - 5PE BioCko 2-10 PE	Polyethylene For external use	7200088310	455 x 235 x 1350
	P5	EcoBox 2 - 9PE EcoBox WEB 2 - 9PE RoMem 4-6PE RoClean 20-40PE RoClean WEB 4-40PE BioCko 11-45 PE	Polyethylene For external use	7200088670	350 x 450 x 1350
	P6	RoEco 8PE RoClean 4-16PE Vodaly 6-14 PE	Polyethylene For internal and external use	Upper part: 7200088020 7200088040 Lower: 7200088030	Upper part: 450 x 355 x 800 Lower part: 470 x 420 x 830 (1630)
	B8	RoClean 50-300 PE RoClean WEB 50-300 PE RoGreen 100-300 PE	Concrete For external use	7102150940	1380 x 640 x 835
	B13	RoGreen 400-500 PE	Concrete For external use	7102150950	1380 x 640 x 1140

Compressors

	Flow [l/min]	Code
compressor AL 80	80	7111056
compressor AL 120	120	7111049
compressor AL 150	150	7111030
compressor AL 250	250	7111036
compressor AL 300	300	7111032



Air pipes, valves, air diffusers

	Type of WWTP	Code
pipe DN13x20	RoClean	1210204
pipe DN19x26	RoEco	1210330
electromagnetic valve	RoClean	3144170
electromagnetic valve	RoEco	3144008
difuzor krožni	RoClean, EcoBox	1210297
1x difuzor krožni z utežjo	RoClean, EcoBox	7200140000
2x difuzor krožni z utežjo	RoClean, EcoBox	7200140010
4x difuzor krožni z utežjo	RoClean, EcoBox	7200140020
diffuser tube	RoEco	0006910



Sample shaft

Volume	Dimensions (mm)	Code
5 L	1000 x 225 x 350	7200088160
16 L	280 x 280 x 380	7200088140
56 L	400 x 1500	7600066350
Ladle for sample		7200888140
Measurecylinder		7208001206



	PICTURE	NAME AND CODE	DESCRIPTION	OIL SEPARATOR
COVERS AND EXTENSIONS		TELESKOPSKI POVIŠEK IN POKROV Z ODPIRANJEM NA TEČAJ DN 600 [šifra: 7600088710]	Teleskopski povišek s pokrovom iz PE materiala, dimenzije Ø600 x 400 mm	Rofett (NG 4 - NG 25)
		POVIŠEK POVIŠKA DN 600 x 500 [šifra: 7113110700]	Povišek poviška iz PE materiala, dimenzije Ø600 x 500 mm	Rofett (NG 4 - NG 25)
		POKROV DN 600, SESTAVLJEN [šifra: 7100520240]	Pohodni pokrov iz PE materiala z adapterjem, nosilnosti do 2 kN, dimenzije Ø690 x 120 mm	Rofett (vsi volumni) Rogre (NG 4, NG 15, NG 20)
		POKROV DN 600 [šifra: 7100520190]	Pohodni pokrov iz PE materiala, nosilnosti do 2 kN, dimenzije Ø690 x 65 mm	Rofett (vsi volumni) Rogre (NG 4, NG 15, NG 20)
		ADAPTER ZA POKROV DN 600 [šifra: 7100520310]	Adapter za pokrov DN 600 iz PE materiala, dimenzije Ø690	Rofett (vsi volumni) Rogre (NG 4, NG 15, NG 20)
		POKROV DN 800, SESTAVLJEN [šifra: 7100520620]	Pohodni pokrov iz PE materiala z adapterjem, nosilnosti do 2 kN, dimenzije Ø855 x 130 mm	Rogre (NG 2, NG 7, NG 10)
		POKROV DN 800 [šifra: 7100520600]	Pohodni pokrov iz PE materiala, nosilnosti do 2 kN, dimenzije Ø855 x 70 mm	Rogre (NG 2, NG 7, NG 10)
		ADAPTER ZA POKROV DN 800 [šifra: 7100520610]	Adapter za pokrov iz PE materiala, dimenzije Ø800	Rogre (NG 2, NG 7, NG 10)
LTŽ COVERS		POKROV IN OKVIR DN 600 (600) [šifra: 7100520601]	Litoželezni pokrov in okvir, nosilnosti do 125 kN, dimenzije Ø600 mm	Vsi lovilniki maščob
		POKROV IN OKVIR DN 600 (603) [šifra: 7100520603]	Litoželezni pokrov in okvir, nosilnosti do 250 kN, dimenzije Ø600 mm	Vsi lovilniki maščob
		POKROV IN OKVIR DN 600 (604) [šifra: 7100520604]	Litoželezni pokrov in okvir, nosilnosti do 400 kN, dimenzije Ø600 mm	Vsi lovilniki maščob
ALARMS		ALARMNA NAPRAVA ZA DETEKCIJO MAŠČOBE [šifra: 7300088520]	Alarmna naprava za spremljanje maščobne plasti, ki se nabira v lovilniku maščob.	Vsi lovilniki maščob
		ALARMNA NAPRAVA ZA DETEKCIJO MAŠČOBE IN VISokega NIVOJA [šifra: 7300088241]	Alarmna naprava za spremljanje maščobne plasti in visokega nivoja.	Vsi lovilniki maščob

Alarm equipment

Separators should be provided with a visual and audible oil alarm. This operates when the oil level reaches 90% of the oil storage volume and indicates that the separator needs immediate emptying for it to continue to work effectively.



Product	Code
alarm for oil	7300088230
alarm for sludge	7300088240
alarm for oil and sludge	7300088250
alarm for oil sludge and high level	7312900250

Sampling shaft

Sampling Shaft makes it possible to monitor the quality of the water on outflow. [Code: 7600066370]



Telescopic measuring stick

Telescopic measuring stick "BASIC" with water paste (until 3m) - to control the oil level



Manual measuring kit

Manual measuring kit for oil and sludge (until 6,5 m) kit contains: sampling stick, measuring tape, carrying bag and cleaning towel



Manual level meter

Manual level meter integrated on automatic closing device



Automatic closure device

Depends of the type and purpose of use, Roto install automatic closure device by inlet or outlet. ROTO light fluid separators are equipped as standard with a automatic closure devices. When the maximum oil storage volume is exceeded, it closes the outlet into the drainage system and prevents the escape of light fluids into the drainage system. The automatic closure device is an emergency closure valve. When it is closed, the oil must be emptied from oil separator.

ACD until inflow pipes DN160



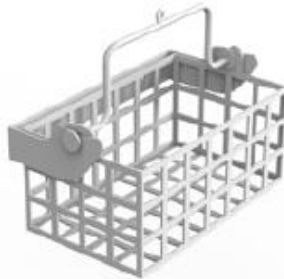
ACD over inflow pipes DN200



Indicator light, alarm
[Code: 7200088850]



Basket
D600 [Code: R000285]
D800 [Code: R000278]
D1200 [Code: R000417]



Fixing of the basket
D600 [Code: R000294]
D800 [Code: R000401]
D1200 [Code: R000401]

Cabinet for control panel
1 pump [Code: 7200088310]
2 pumps [Code: 7200088310]



Additional extension
D600 x 500 [Code: 7700000020]
D800 x 750 [Code: 0080305]



Cover + extension
DN600 [Code: 7700000020]
DN800 [Code: 7100520620]



Basket rail
D600, H725 [Code: R000386]
D600, H1025 [Code: R000387]
D800, H725 [Code: R000388]
D800, H1025 [Code: R000389]
D1200, H1077 [Code: R000416]



SMART EVO 1 (230V) [Code: 1290014]
SMART EVO 1 (GSM) [Code: 1290087]
SMART EVO 2 (230V) [Code: 1290015]
SMART EVO 2 (GSM) [Code: 1290088]
SMART EVO 2 (3F, 7,5kW) [Code: 1290089]
Express D2-MONO [Code: 1290090]

Control unit

SMART EVO combines several functions in a single product; panels for clean water (emptying, filling, pressurisation, etc) and sewage pump panels (emptying and sewage water). SMART EVO offers even more function, safety and control, raising the standard without extra cost!

The SMART EVO control panels are made in an original Elentek thermoplastic ABS design box – they are watertight and self-extinguishing. Each panel has LED lights signaling voltage presence, thermal protection and motor running, and a main switch interlocking door, push buttons for manual or automatic operation, and level relay for probes volt free alarm contacts.

The users and external controls such as float switches and pressure switches are to be connected on the terminals of the main electronic board.