



CIVILS

LANDSCAPING

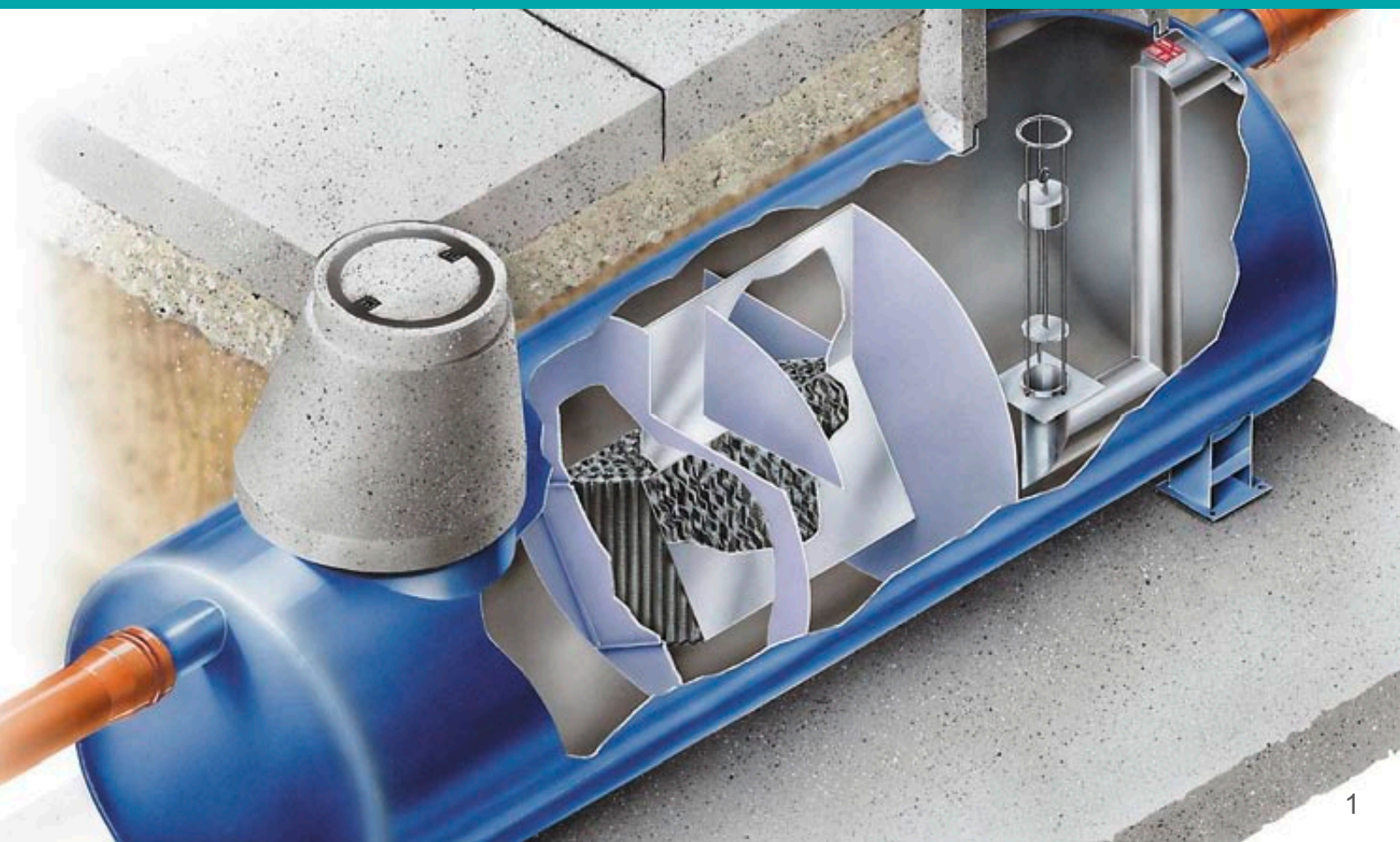
AQUA

SPORT

AQUA

AQUAFIX® SEPARATORS

 **hauraton**
IT'S RUNNING WELL



THE WATER TREATMENT RANGE.

MODERN SEPARATION TECHNOLOGY FOR SUSTAINABLE PRESERVATION OF VITAL RESOURCES.

Living rivers and lakes, intact groundwater resources, a secure and reliable water supply and efficient wastewater disposal are fundamental requirements for environmentally sound economic development. To avoid harming nature, contaminated water must be treated before it is allowed to flow directly or indirectly back into the natural water cycle.

The mechanical separation process is designed to separate mixtures of substances. The aim is to remove one or more components of the mixture.

The operating principle of the oil and light liquid separator is based on the difference in density between the water and the components being separated from it. The lighter liquid rises to the top, collects on the surface of the water and can then be removed and disposed off. Coalescence separators are an enhancement of standard petroleum separators. These systems work on the coalescence principle, i.e. encouraging the merging of small oil particles into larger ones. Even the smallest drops of oil will then float to the surface as a result of gravity, where they can be separated off.

AQUAFIX separators form part of a controlled disposal concept and will deliver many years of reliable performance. The range consists of high quality systems made of Polyethylene, Polypropylene, steel or concrete. Each system is individually measured and customised to suit the construction project, thus guaranteeing many years of efficient water treatment. AQUAFIX separators are always state of the art and comply with all relevant standards and regulations.



AQUAFIX®SEPARATORS
SERIES „G“ MADE OF STEEL



AQUAFIX®SEPARATORS
SERIES „k“ MADE OF STEEL



AQUAFIX®SEPARATORS
SERIES MADE OF CONCRETE (H/P/C)



AQUAFIX®SEPARATORS
SERIES „10 PE“ MADE OF POLYETHYLENE



AQUAFIX®SEPARATORS
SERIES „PP“ MADE OF POLYPROPYLENE



AQUAFIX®SEPARATORS
INSTALLATION INSTRUCTIONS

AQUAFIX® SEPARATORS

THE WATER TREATMENT RANGE.

MODERN SEPARATION TECHNOLOGY FOR SUSTAINABLE PRESERVATION OF VITAL RESOURCES.

REQUIREMENTS

Water is one of the most valuable resources on Earth. Germany has one of the best developed sewage systems in the world. If both are to be protected and kept in good condition for our descendants, efficient cleansing systems are required.

In fuel stations, industrial and commercial areas where surface water or effluents are polluted with hydrocarbon compounds, light liquid separators are needed that satisfy the rigorous requirements of the norms and regulations governing groundwater protection.

Effluents polluted with grease and fatty acids can cause enormous damage to drain systems and sewage plants. This is where AQUAFIX-Grease and Starch Separators make a valuable contribution to protecting the environment.

APPLICATION AREAS

Fuel stations, car washes, car repair workshops, car showrooms, oil depots, car scrap yards, transformer stations, industrial plants where lubricating oil is used, road haulage depots, police, fire brigade, army, maintenance/servicing areas, parking areas, car customisers and importers, canteen kitchens, student refectories, cafés and restaurants, hotels, cafeterias, producers of ready-made meals, producers of tinned foods, sweet factories, potato processing plants, producers of frozen foods, commercial bakeries, abattoirs, butchers, animal product processing plants, soap and stearin factories, cosmetics industry, cat and dog food producers, fair-ground operators and many more.

AQUAFIX® SEPARATORS

ALARM DEVICES.

SECURITY FOR THE ENVIRONMENT.

WARNING SYSTEMS

□ Warning system type 1

The W1 LAL-SRW-PF-01 warning system is an alarming device for light liquid separators (petrol, oil and coalescence separators) that is licensed for operation in potentially explosive areas (Zone 0). It is used to detect the oil layer thickness in a light liquid separator. The warning system consists of a signalling unit with LED's for „Power“, „System OK“, „Layer thickness alarm“ and „Sensor error“ and an acoustic alarm. The acoustic alarm can be manually disabled. The „Sensor error“ diode cannot be acknowledged until the cause of the alarm has actually been rectified.

A sensor that creates an electrical field is suspended in the separator. When the light liquid layer in a separator becomes thicker and the separating layer between the water and the light liquid is relocated downwards, the tip of the sensor is suspended in the light liquid. This affects the electrical field and an alarm is triggered.

Item no.: 134100



□ Warning system type 2

The W2 LAL-SRW-PF-08 warning system is an alarming device for light liquid separators. It has the same signalling unit, but has negative switching. In warning system 2 an alarm is signalled when current is flowing. As soon as the liquid level increases and the probe tips reach the surface of the water, an alarm is triggered. In this case the cause of the backup in the separator is irrelevant. For example, if the coalescence material is soiled and preventing an adequate water flow, an alarm is signalled. An alarm is also triggered if the pipeline behind the separator is blocked or the entire system is hydraulically overloaded because of heavy rainfall. Item no.: 134200



□ Warning system type 3

Has a signalling unit with two plug-in units and two probes. It is a combination of warning systems 1 and 2.

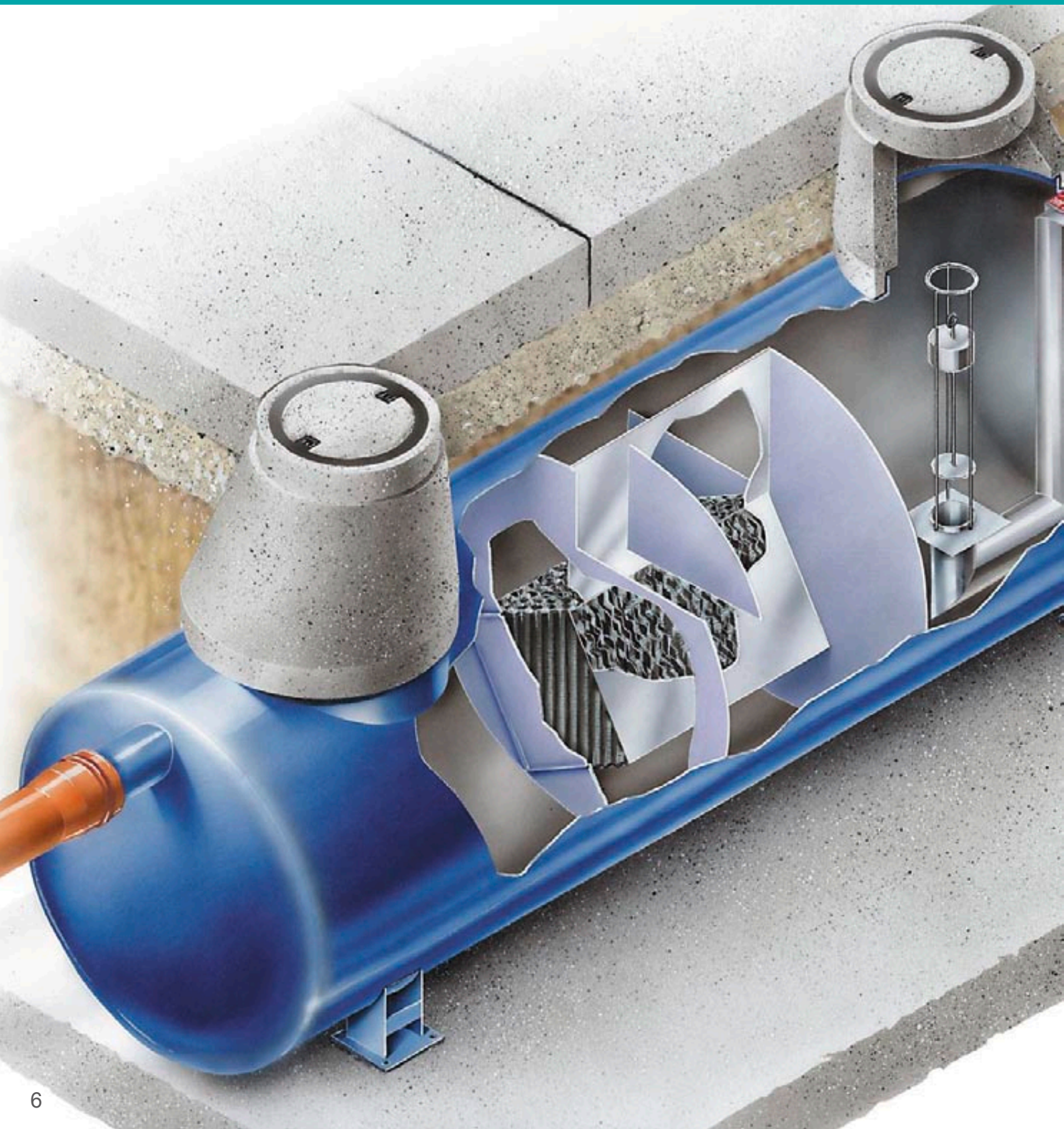
Item no. 134300



AQUAFIX[®] SEPARATORS

SERIES „G“ MADE OF STEEL

HIGHEST VOLUME FOR BIGGEST FLOW.





AT A GLANCE:

- ✓ Compact design
- ✓ Separator tank, continuously chargeable up to class D 400
- ✓ Galvanised inside and outside or coated with several layers of epoxy resin on pretreated surface

AQUAFIX[®] SEPARATORS

SERIES „G“ MADE OF STEEL

HIGHEST VOLUME FOR BIGGEST FLOW.

FEATURES

- Compact design
- Complies with standards EN 858/DIN 1999
- Inlets and outlets made from 6 mm steel plate, same diameter as KG pipes
- Patented float, easy to remove as required by the norm
- Easy to clean lamellar coalescence material
- Maintenance-free coalescence block
- Sampling system can be integrated
- Increased cleaning performance possible
- Warning systems can be integrated
- Additional coalescence element can be retrofitted

SHAFT MATERIALS

□ Extensions

The 625 and 1000 mm diameter access openings are designed to be completed with DIN 4034/1 shaft material. Shaft extensions can be supplied.





**INSTALLATION
INSTRUCTIONS**

AQUAFIX® „PP“

AQUAFIX® „10 PE“

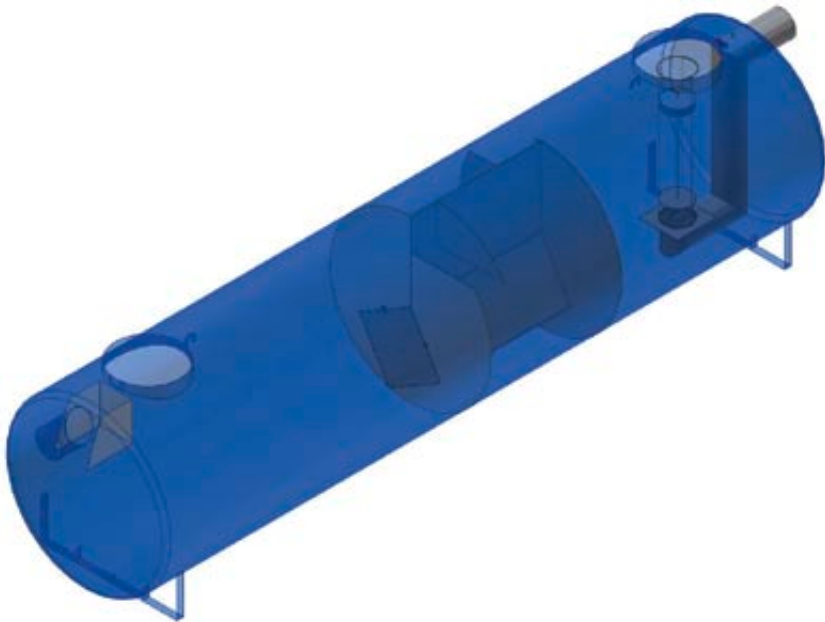
AQUAFIX® CONCRETE

AQUAFIX® STEEL „k“

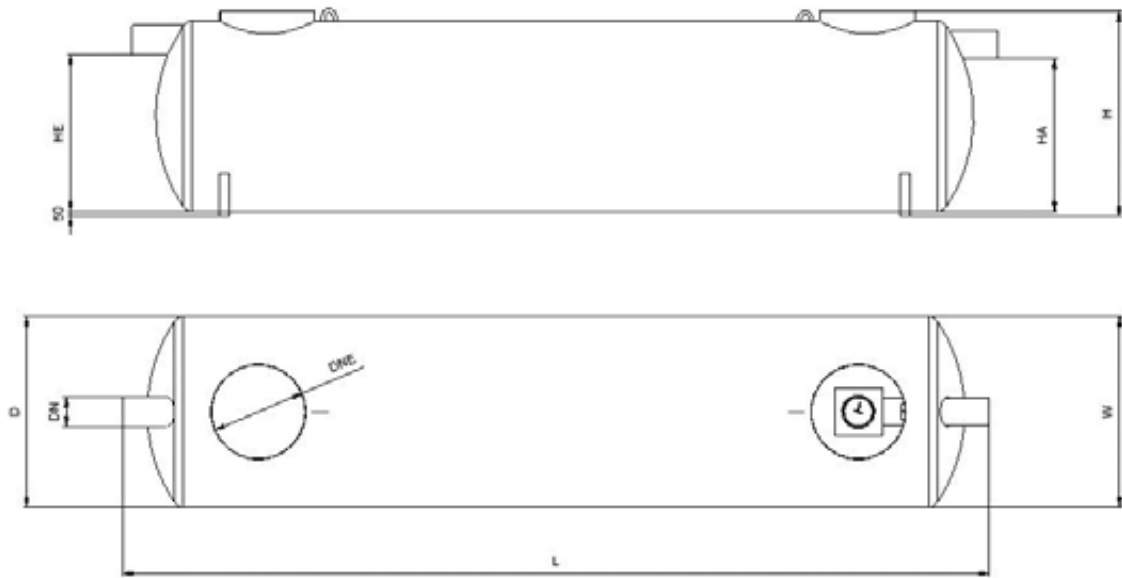
AQUAFIX® STEEL „G“

AQUAFIX® Separators from steel - Series G

AQUAFIX® - SKG Coalescence separator with sludge trap



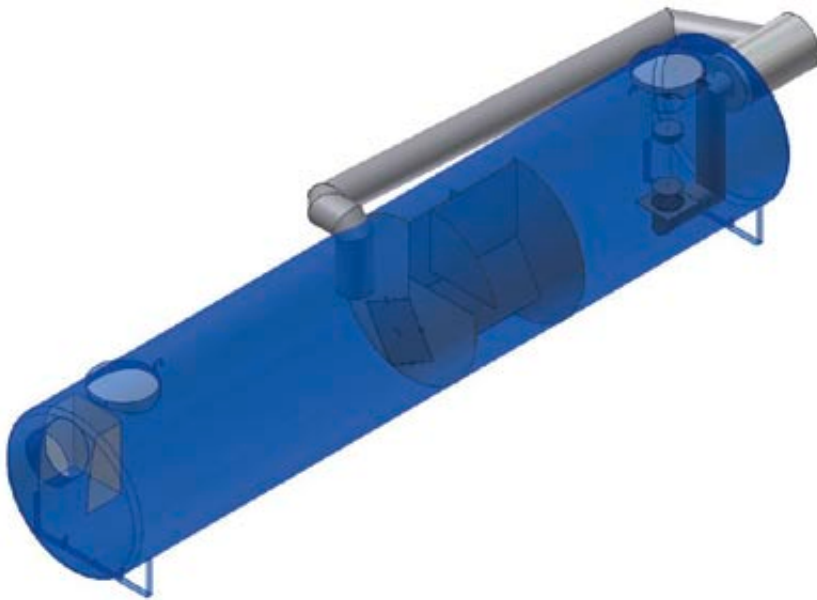
| | Length mm | Width mm | Height mm | max. Flow l/s | ø Separator mm | sludge trap capacity l |
|---------|--------------|-------------|--------------|------------------|-------------------|------------------------------|
| SKG 015 | 3860 | 1250 | 1400 | 15 | 1238 | 1580 |
| SKG 020 | 4960 | 1250 | 1400 | 20 | 1238 | 1890 |
| SKG 025 | 4550 | 1600 | 1750 | 25 | 1588 | 2900 |
| SKG 030 | 5200 | 1600 | 1750 | 30 | 1588 | 3620 |
| SKG 035 | 5600 | 1600 | 1750 | 35 | 1588 | 3800 |
| SKG 040 | 6020 | 1600 | 1750 | 40 | 1588 | 4710 |
| SKG 045 | 5150 | 2000 | 2150 | 45 | 1988 | 4850 |
| SKG 050 | 5450 | 2000 | 2150 | 50 | 1988 | 6100 |
| SKG 060 | 6040 | 2000 | 2150 | 60 | 1988 | 6930 |
| SKG 065 | 6350 | 2000 | 2150 | 65 | 1988 | 7380 |
| SKG 070 | 6750 | 2000 | 2150 | 70 | 1988 | 8040 |
| SKG 075 | 7200 | 2000 | 2150 | 75 | 1988 | 8320 |
| SKG 080 | 7660 | 2000 | 2150 | 80 | 1988 | 9150 |
| SKG 090 | 8240 | 2000 | 2150 | 90 | 1988 | 10260 |
| SKG 100 | 9100 | 2000 | 2150 | 100 | 1988 | 11370 |
| SKG 120 | 8100 | 2500 | 2650 | 120 | 2488 | 13520 |
| SKG 130 | 8100 | 2500 | 2650 | 130 | 2488 | 13520 |
| SKG 140 | 8440 | 2500 | 2650 | 140 | 2488 | 14220 |
| SKG 150 | 8440 | 2500 | 2650 | 150 | 2488 | 14220 |
| SKG 160 | 9740 | 2500 | 2650 | 160 | 2488 | 18100 |
| SKG 170 | 9740 | 2500 | 2650 | 170 | 2488 | 18100 |
| SKG 180 | 10540 | 2500 | 2650 | 180 | 2488 | 19820 |
| SKG 200 | 11300 | 2500 | 2650 | 200 | 2488 | 21540 |
| SKG 250 | 14100 | 2500 | 2650 | 250 | 2488 | 28270 |



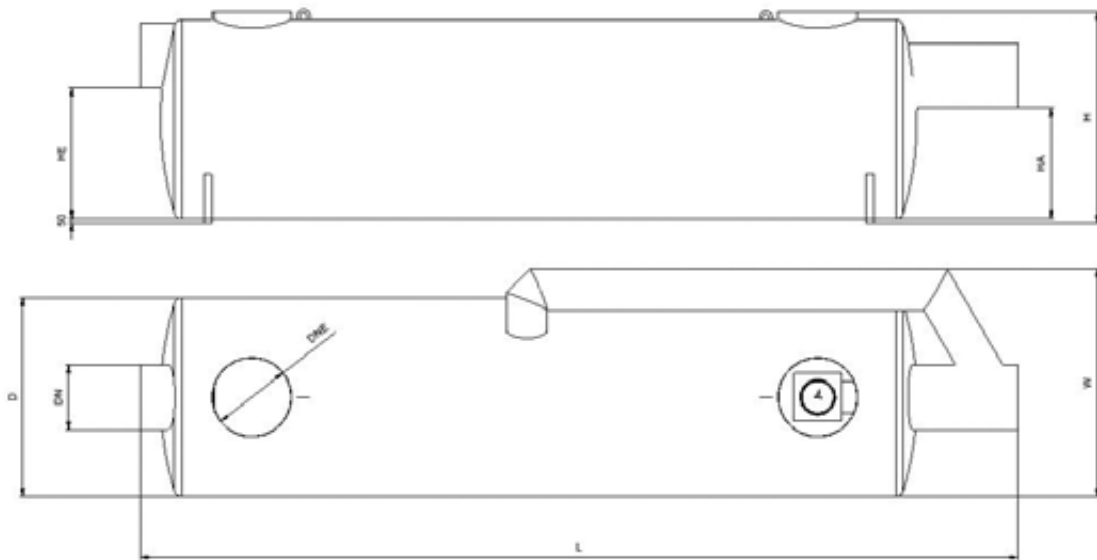
| separator capacity l | DN in-/outlet mm | HE H inlet mm | HA H outlet mm | DNE manhole 1 | DNE manhole 2 | Weight kg | storage capacity l | Item No. |
|-------------------------|------------------------|---------------------|----------------------|------------------|------------------|--------------|--------------------------|-------------|
| 1400 | 200 | 1000 | 950 | 625 | 625 | 1400,0 | 504 | 181015 |
| 2200 | 200 | 1000 | 950 | 625 | 625 | 1600,0 | 792 | 181020 |
| 3380 | 200 | 1350 | 1300 | 1000 | 1000 | 1800,0 | 828 | 181025 |
| 3820 | 200 | 1350 | 1300 | 1000 | 1000 | 1950,0 | 935 | 181030 |
| 4340 | 200 | 1350 | 1300 | 1000 | 1000 | 2100,0 | 1063 | 181035 |
| 4200 | 200 | 1350 | 1300 | 1000 | 1000 | 2250,0 | 1029 | 181040 |
| 6090 | 300 | 1650 | 1600 | 1000 | 1000 | 2850,0 | 1206 | 181045 |
| 5930 | 300 | 1650 | 1600 | 1000 | 1000 | 2950,0 | 1203 | 181050 |
| 6470 | 300 | 1650 | 1600 | 1000 | 1000 | 3150,0 | 1281 | 181060 |
| 6870 | 300 | 1650 | 1600 | 1000 | 1000 | 3300,0 | 1361 | 181065 |
| 7280 | 300 | 1650 | 1600 | 1000 | 1000 | 3400,0 | 1441 | 181070 |
| 8250 | 300 | 1650 | 1600 | 1000 | 1000 | 3600,0 | 1633 | 181075 |
| 8680 | 300 | 1650 | 1600 | 1000 | 1000 | 3800,0 | 1718 | 181080 |
| 9160 | 300 | 1650 | 1600 | 1000 | 1000 | 4000,0 | 1814 | 181090 |
| 10400 | 300 | 1650 | 1600 | 1000 | 1000 | 4300,0 | 2060 | 181100 |
| 16000 | 400 | 2050 | 2000 | 1000 | 1000 | 5200,0 | 2491 | 181120 |
| 16000 | 400 | 2050 | 2000 | 1000 | 1000 | 5250,0 | 2491 | 181130 |
| 16840 | 400 | 2050 | 2000 | 1000 | 1000 | 5550,0 | 2623 | 181140 |
| 16840 | 400 | 2050 | 2000 | 1000 | 1000 | 5600,0 | 2623 | 181150 |
| 18530 | 400 | 2050 | 2000 | 1000 | 1000 | 6050,0 | 2885 | 181160 |
| 18530 | 400 | 2050 | 2000 | 1000 | 1000 | 6100,0 | 2885 | 181170 |
| 20210 | 400 | 2050 | 2000 | 1000 | 1000 | 6500,0 | 3148 | 181180 |
| 21730 | 400 | 2050 | 2000 | 1000 | 1000 | 6700,0 | 3384 | 181200 |
| 26950 | 400 | 2050 | 2000 | 1000 | 1000 | 7650,0 | 4197 | 181250 |

AQUAFIX® Separators from steel - Series G

AQUAFIX® - SKGBP Coalescence separator with sludge trap and bypass



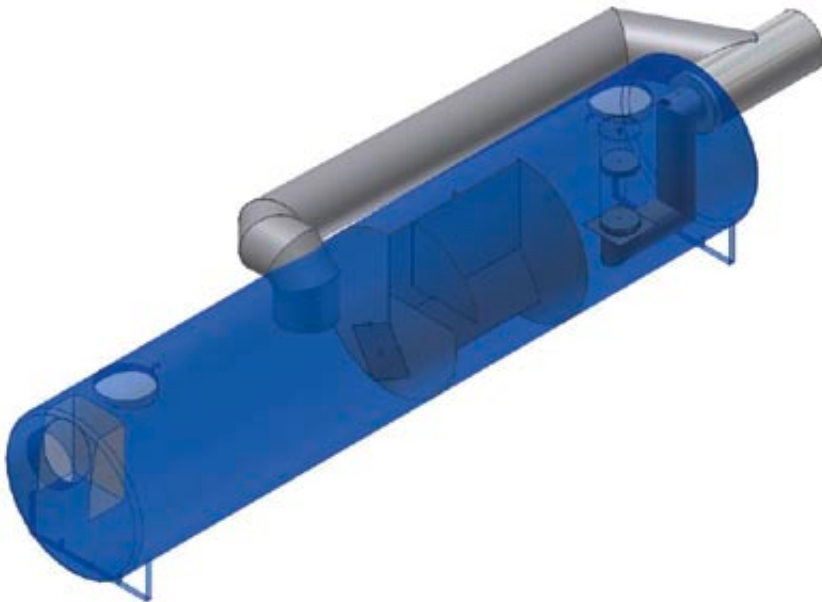
| | Length mm | Width mm | Height mm | max. Flow l/s | ø Separator mm | sludge trap capacity l |
|-----------|--------------|-------------|--------------|------------------|-------------------|------------------------------|
| SKGBP 015 | 4700 | 1500 | 1400 | 75 | 1238 | 1500 |
| SKGBP 020 | 5825 | 1500 | 1400 | 100 | 1238 | 2300 |
| SKGBP 025 | 5235 | 1900 | 1750 | 125 | 1588 | 2990 |
| SKGBP 030 | 6300 | 1900 | 1750 | 150 | 1588 | 3960 |
| SKGBP 035 | 6300 | 1900 | 1750 | 175 | 1588 | 3960 |
| SKGBP 040 | 7200 | 1900 | 1750 | 200 | 1588 | 4850 |
| SKGBP 045 | 5400 | 2200 | 2150 | 225 | 1988 | 5120 |
| SKGBP 050 | 6000 | 2200 | 2150 | 250 | 1988 | 5690 |
| SKGBP 055 | 6300 | 2200 | 2150 | 275 | 1988 | 5920 |
| SKGBP 060 | 6300 | 2200 | 2150 | 300 | 1988 | 5920 |
| SKGBP 065 | 7200 | 2200 | 2150 | 325 | 1988 | 7460 |
| SKGBP 070 | 8000 | 2200 | 2150 | 350 | 1988 | 8390 |
| SKGBP 075 | 8000 | 2200 | 2150 | 375 | 1988 | 8390 |
| SKGBP 080 | 8500 | 2200 | 2150 | 400 | 1988 | 8600 |
| SKGBP 090 | 7300 | 2800 | 2650 | 450 | 2488 | 10010 |
| SKGBP 100 | 7300 | 2800 | 2650 | 500 | 2488 | 10010 |
| SKGBP 120 | 8800 | 2800 | 2650 | 600 | 2488 | 14010 |
| SKGBP 130 | 9600 | 2800 | 2650 | 650 | 2488 | 14580 |
| SKGBP 140 | 10300 | 2900 | 2650 | 700 | 2488 | 15640 |
| SKGBP 150 | 11000 | 2900 | 2650 | 750 | 2488 | 16710 |
| SKGBP 160 | 11500 | 2900 | 2650 | 800 | 2488 | 17780 |
| SKGBP 170 | 12000 | 2900 | 2650 | 850 | 2488 | 19020 |
| SKGBP 180 | 12700 | 2900 | 2650 | 900 | 2488 | 20090 |
| SKGBP 200 | 13900 | 2900 | 2650 | 1000 | 2488 | 22220 |
| SKGBP 250 | 17200 | 2900 | 2650 | 1250 | 2488 | 28440 |



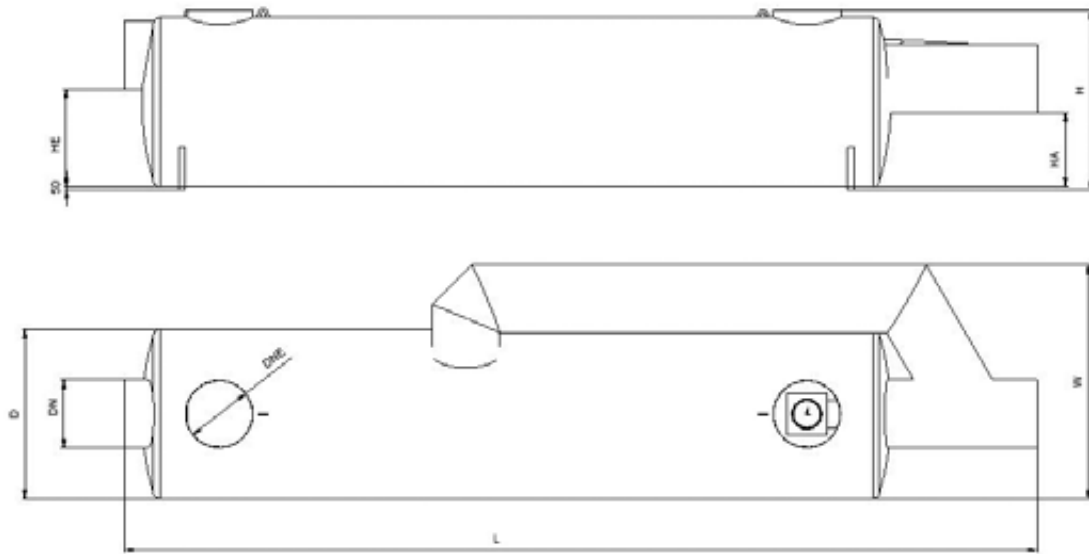
| separator capacity l | DN in-/outlet mm | HE H inlet mm | HA H outlet mm | DNE manhole 1 | DNE manhole 2 | Weight kg | storage capacity l | Item No. |
|-------------------------|------------------------|---------------------|----------------------|------------------|------------------|--------------|--------------------------|-------------|
| 1770 | 300 | 920 | 870 | 625 | 625 | 1700,0 | 694 | 182015 |
| 2080 | 300 | 920 | 870 | 625 | 625 | 1900,0 | 814 | 182020 |
| 2940 | 400 | 1150 | 1000 | 1000 | 1000 | 2350,0 | 887 | 182025 |
| 4020 | 400 | 1150 | 1000 | 1000 | 1000 | 2700,0 | 1215 | 182030 |
| 4020 | 400 | 1150 | 1000 | 1000 | 1000 | 2750,0 | 1215 | 182035 |
| 4330 | 400 | 1150 | 1000 | 1000 | 1000 | 3050,0 | 1308 | 182040 |
| 5750 | 400 | 1550 | 1450 | 1000 | 1000 | 3100,0 | 1207 | 182045 |
| 5490 | 500 | 1450 | 1300 | 1000 | 1000 | 3300,0 | 1292 | 182050 |
| 6220 | 500 | 1450 | 1300 | 1000 | 1000 | 3500,0 | 1465 | 182055 |
| 6220 | 500 | 1450 | 1300 | 1000 | 1000 | 3600,0 | 1465 | 182060 |
| 6950 | 500 | 1450 | 1300 | 1000 | 1000 | 4050,0 | 1637 | 182065 |
| 7810 | 500 | 1450 | 1300 | 1000 | 1000 | 4250,0 | 1838 | 182070 |
| 7810 | 500 | 1450 | 1300 | 1000 | 1000 | 4300,0 | 1838 | 182075 |
| 9030 | 500 | 1450 | 1300 | 1000 | 1000 | 4500,0 | 2125 | 182080 |
| 12510 | 600 | 1850 | 1650 | 1000 | 1000 | 5450,0 | 2249 | 182090 |
| 12510 | 600 | 1850 | 1650 | 1000 | 1000 | 5600,0 | 2249 | 182100 |
| 14610 | 600 | 1850 | 1700 | 1000 | 1000 | 6150,0 | 2628 | 182120 |
| 13400 | 800 | 1650 | 1400 | 1000 | 1000 | 6300,0 | 2901 | 182130 |
| 14900 | 800 | 1650 | 1400 | 1000 | 1000 | 6700,0 | 3050 | 182140 |
| 15120 | 800 | 1650 | 1400 | 1000 | 1000 | 6900,0 | 3273 | 182150 |
| 16150 | 800 | 1650 | 1400 | 1000 | 1000 | 7450,0 | 3497 | 182160 |
| 17010 | 800 | 1650 | 1400 | 1000 | 1000 | 7650,0 | 3682 | 182170 |
| 18040 | 800 | 1650 | 1400 | 1000 | 1000 | 7950,0 | 3905 | 182180 |
| 20110 | 800 | 1650 | 1400 | 1000 | 1000 | 8650,0 | 4352 | 182200 |
| 25430 | 800 | 1650 | 1400 | 1000 | 1000 | 10400,0 | 5505 | 182250 |

AQUAFIX® Separators from steel - Series G

AQUAFIX® - SKG2BP Coalescence separator with sludge trap and bypass with increased flow



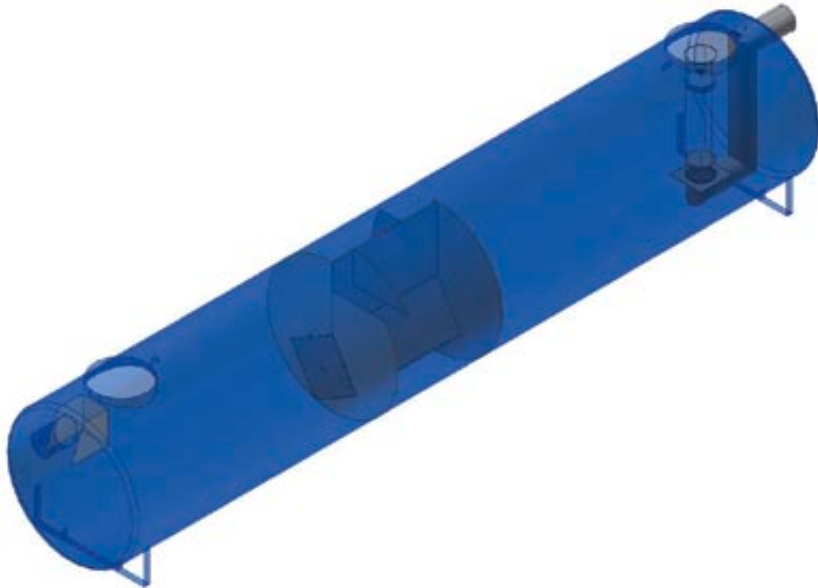
| | Length mm | Width mm | Height mm | max. Flow l/s | ø Separator mm | sludge trap capacity l |
|------------|--------------|-------------|--------------|------------------|-------------------|------------------------------|
| SKG2BP 015 | 5000 | 1700 | 1400 | 150 | 1238 | 1510 |
| SKG2BP 020 | 6300 | 1700 | 1400 | 200 | 1238 | 2310 |
| SKG2BP 025 | 5100 | 2100 | 1750 | 250 | 1588 | 2990 |
| SKG2BP 030 | 7100 | 2100 | 1750 | 300 | 1588 | 4050 |
| SKG2BP 035 | 7100 | 2100 | 1750 | 350 | 1588 | 4050 |
| SKG2BP 040 | 8200 | 2100 | 1750 | 400 | 1588 | 4860 |
| SKG2BP 045 | 6000 | 2500 | 2150 | 450 | 1988 | 5310 |
| SKG2BP 050 | 6200 | 2500 | 2150 | 500 | 1988 | 5690 |
| SKG2BP 055 | 7400 | 2600 | 2150 | 550 | 1988 | 6110 |
| SKG2BP 060 | 7400 | 2600 | 2150 | 600 | 1988 | 6110 |
| SKG2BP 065 | 8200 | 2600 | 2150 | 650 | 1988 | 7520 |
| SKG2BP 070 | 9100 | 2600 | 2150 | 700 | 1988 | 8460 |
| SKG2BP 075 | 9100 | 2600 | 2150 | 750 | 1988 | 8460 |
| SKG2BP 080 | 11900 | 2900 | 2150 | 800 | 1988 | 8850 |
| SKG2BP 090 | 9000 | 3300 | 2650 | 900 | 2488 | 9950 |
| SKG2BP 100 | 9000 | 3300 | 2650 | 1000 | 2488 | 9950 |
| SKG2BP 120 | 10700 | 3300 | 2650 | 1200 | 2488 | 13860 |
| SKG2BP 130 | 11500 | 3300 | 2650 | 1300 | 2488 | 14580 |
| SKG2BP 140 | 13000 | 3500 | 2650 | 1400 | 2488 | 15970 |
| SKG2BP 150 | 13500 | 3500 | 2650 | 1500 | 2488 | 16890 |
| SKG2BP 160 | 14500 | 3500 | 2650 | 1600 | 2488 | 18120 |
| SKG2BP 170 | 15000 | 3500 | 2650 | 1700 | 2488 | 19350 |
| SKG2BP 180 | 15800 | 3500 | 2650 | 1800 | 2488 | 20270 |
| SKG2BP 200 | 11800 | 3900 | 3050 | 2000 | 2888 | 20640 |
| SKG2BP 250 | 13700 | 3900 | 3050 | 2500 | 2888 | 25220 |



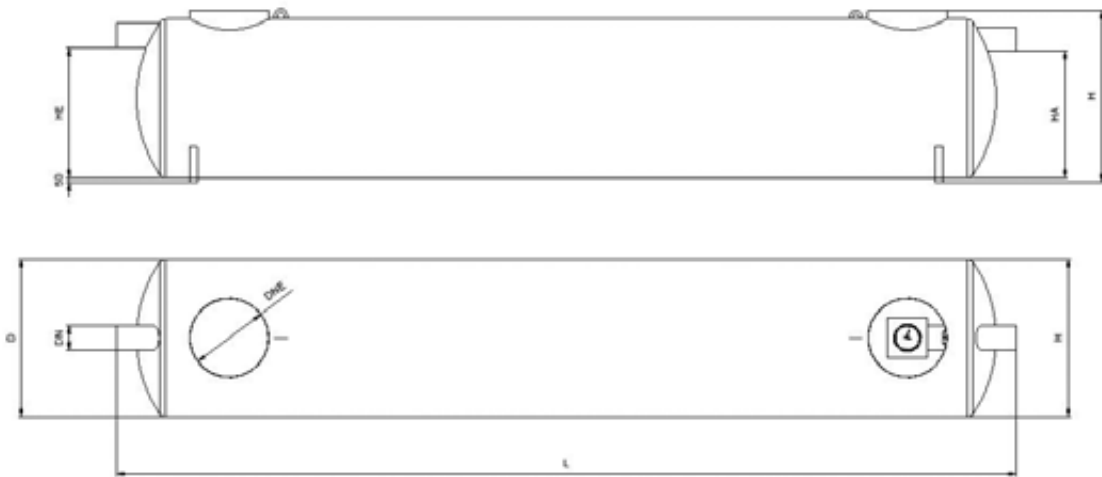
| separator capacity l | DN in-/outlet mm | HE H inlet mm | HA H outlet mm | DNE manhole 1 | DNE manhole 2 | Weight kg | storage capacity l | Item No. |
|-------------------------|------------------------|---------------------|----------------------|------------------|------------------|--------------|--------------------------|-------------|
| 1740 | 400 | 820 | 670 | 625 | 625 | 2300,0 | 812 | 184015 |
| 2070 | 400 | 820 | 670 | 625 | 625 | 2700,0 | 967 | 184020 |
| 2940 | 400 | 1150 | 1000 | 1000 | 1000 | 2800,0 | 888 | 184025 |
| 4060 | 500 | 1050 | 850 | 1000 | 1000 | 3250,0 | 1116 | 184030 |
| 4060 | 500 | 1050 | 850 | 1000 | 1000 | 3300,0 | 1116 | 184035 |
| 4760 | 500 | 1050 | 850 | 1000 | 1000 | 3750,0 | 1456 | 184040 |
| 5370 | 500 | 1450 | 1300 | 1000 | 1000 | 3800,0 | 1493 | 184045 |
| 5490 | 500 | 1450 | 1300 | 1000 | 1000 | 3900,0 | 1551 | 184050 |
| 6320 | 600 | 1350 | 1150 | 1000 | 1000 | 4500,0 | 1784 | 184055 |
| 6320 | 600 | 1350 | 1150 | 1000 | 1000 | 4600,0 | 1784 | 184060 |
| 6990 | 600 | 1350 | 1150 | 1000 | 1000 | 4650,0 | 1962 | 184065 |
| 7900 | 600 | 1350 | 1150 | 1000 | 1000 | 5050,0 | 2081 | 184070 |
| 7900 | 600 | 1350 | 1150 | 1000 | 1000 | 5100,0 | 2081 | 184075 |
| 9330 | 800 | 1150 | 850 | 1000 | 1000 | 6400,0 | 3124 | 184080 |
| 12720 | 800 | 1650 | 1400 | 1000 | 1000 | 6700,0 | 2752 | 184090 |
| 12720 | 800 | 1650 | 1400 | 1000 | 1000 | 6800,0 | 2752 | 184100 |
| 15120 | 800 | 1650 | 1400 | 1000 | 1000 | 7500,0 | 3273 | 184120 |
| 16840 | 800 | 1650 | 1400 | 1000 | 1000 | 7900,0 | 3645 | 184130 |
| 14440 | 1000 | 1450 | 1100 | 1000 | 1000 | 8000,0 | 3795 | 184140 |
| 15320 | 1000 | 1450 | 1100 | 1000 | 1000 | 8200,0 | 4027 | 184150 |
| 16500 | 1000 | 1450 | 1100 | 1000 | 1000 | 8900,0 | 4337 | 184160 |
| 17090 | 1000 | 1450 | 1100 | 1000 | 1000 | 9500,0 | 4492 | 184170 |
| 18270 | 1000 | 1450 | 1100 | 1000 | 1000 | 10350,0 | 4802 | 184180 |
| 19120 | 1000 | 1850 | 1500 | 1000 | 1000 | 10800,0 | 3742 | 184200 |
| 22820 | 1000 | 1850 | 1450 | 1000 | 1000 | 11200,0 | 4654 | 184250 |

AQUAFIX® Separators from steel - Series G

AQUAFIX® - SKGL Coalescence separator with increased cleaning performance



| | Length mm | Width mm | Height mm | max. Flow l/s | ø Separator mm | sludge trap capacity l |
|----------|--------------|-------------|--------------|------------------|-------------------|------------------------------|
| SKGL 015 | 4660 | 1250 | 1400 | 15 | 1238 | 1580 |
| SKGL 020 | 6260 | 1250 | 1400 | 20 | 1238 | 1890 |
| SKGL 025 | 5720 | 1600 | 1750 | 25 | 1588 | 2900 |
| SKGL 030 | 6420 | 1600 | 1750 | 30 | 1588 | 3620 |
| SKGL 035 | 7020 | 1600 | 1750 | 35 | 1588 | 3800 |
| SKGL 040 | 7620 | 1600 | 1750 | 40 | 1588 | 4710 |
| SKGL 045 | 6440 | 2000 | 2150 | 45 | 1988 | 4850 |
| SKGL 050 | 6840 | 2000 | 2150 | 50 | 1988 | 5820 |
| SKGL 060 | 7440 | 2000 | 2150 | 60 | 1988 | 6930 |
| SKGL 065 | 7740 | 2000 | 2150 | 65 | 1988 | 7490 |
| SKGL 070 | 8340 | 2000 | 2150 | 70 | 1988 | 8040 |
| SKGL 075 | 8940 | 2000 | 2150 | 75 | 1988 | 8320 |
| SKGL 080 | 9540 | 2000 | 2150 | 80 | 1988 | 9150 |
| SKGL 090 | 10240 | 2000 | 2150 | 90 | 1988 | 10260 |
| SKGL 100 | 11340 | 2000 | 2150 | 100 | 1988 | 11370 |
| SKGL 120 | 9940 | 2500 | 2650 | 120 | 2488 | 13790 |
| SKGL 130 | 9940 | 2500 | 2650 | 130 | 2488 | 13790 |
| SKGL 140 | 10740 | 2500 | 2650 | 140 | 2488 | 14220 |
| SKGL 150 | 10740 | 2500 | 2650 | 150 | 2488 | 14220 |
| SKGL 160 | 11940 | 2500 | 2650 | 160 | 2488 | 18100 |
| SKGL 170 | 11940 | 2500 | 2650 | 170 | 2488 | 18100 |
| SKGL 180 | 12940 | 2500 | 2650 | 180 | 2488 | 19820 |
| SKGL 200 | 14240 | 2500 | 2650 | 200 | 2488 | 21540 |
| SKGL 250 | 17740 | 2500 | 2650 | 250 | 2488 | 28440 |



| separator capacity l | DN in-/outlet mm | HE H inlet mm | HA H outlet mm | DNE manhole 1 | DNE manhole 2 | Weight kg | storage capacity l | Item No. |
|-------------------------|------------------------|---------------------|----------------------|------------------|------------------|--------------|--------------------------|-------------|
| 2200 | 200 | 1000 | 950 | 625 | 625 | 1500,0 | 792 | 186015 |
| 3500 | 200 | 1000 | 950 | 625 | 625 | 2500,0 | 1260 | 186020 |
| 5430 | 200 | 1350 | 1300 | 1000 | 1000 | 3000,0 | 1329 | 186025 |
| 5950 | 200 | 1350 | 1300 | 1000 | 1000 | 3350,0 | 1458 | 186030 |
| 6830 | 200 | 1350 | 1300 | 1000 | 1000 | 3500,0 | 1672 | 186035 |
| 7000 | 200 | 1350 | 1300 | 1000 | 1000 | 3800,0 | 1715 | 186040 |
| 9570 | 300 | 1650 | 1600 | 1000 | 1000 | 3350,0 | 1894 | 186045 |
| 9700 | 300 | 1650 | 1600 | 1000 | 1000 | 3450,0 | 1921 | 186050 |
| 10240 | 300 | 1650 | 1600 | 1000 | 1000 | 3700,0 | 2028 | 186060 |
| 10510 | 300 | 1650 | 1600 | 1000 | 1000 | 3850,0 | 2081 | 186065 |
| 11590 | 300 | 1650 | 1600 | 1000 | 1000 | 4050,0 | 2294 | 186070 |
| 12940 | 300 | 1650 | 1600 | 1000 | 1000 | 4200,0 | 2561 | 186075 |
| 13740 | 300 | 1650 | 1600 | 1000 | 1000 | 4500,0 | 2721 | 186080 |
| 14550 | 300 | 1650 | 1600 | 1000 | 1000 | 4700,0 | 1761 | 186090 |
| 16440 | 300 | 1650 | 1600 | 1000 | 1000 | 4800,0 | 3255 | 186100 |
| 23580 | 400 | 2050 | 2000 | 1000 | 1000 | 6100,0 | 3672 | 186120 |
| 23580 | 400 | 2050 | 2000 | 1000 | 1000 | 6200,0 | 3672 | 186130 |
| 26530 | 400 | 2050 | 2000 | 1000 | 1000 | 6500,0 | 4131 | 186140 |
| 26530 | 400 | 2050 | 2000 | 1000 | 1000 | 6550,0 | 4131 | 186150 |
| 27790 | 400 | 2050 | 2000 | 1000 | 1000 | 7500,0 | 3672 | 186160 |
| 27790 | 400 | 2050 | 2000 | 1000 | 1000 | 7600,0 | 3672 | 186170 |
| 30320 | 400 | 2050 | 2000 | 1000 | 1000 | 7700,0 | 4722 | 186180 |
| 34110 | 400 | 2050 | 2000 | 1000 | 1000 | 7800,0 | 5312 | 186200 |
| 42110 | 400 | 2050 | 2000 | 1000 | 1000 | 8500,0 | 6558 | 186250 |

AQUAFIX® SEPARATORS

INSTALLATION INSTRUCTIONS

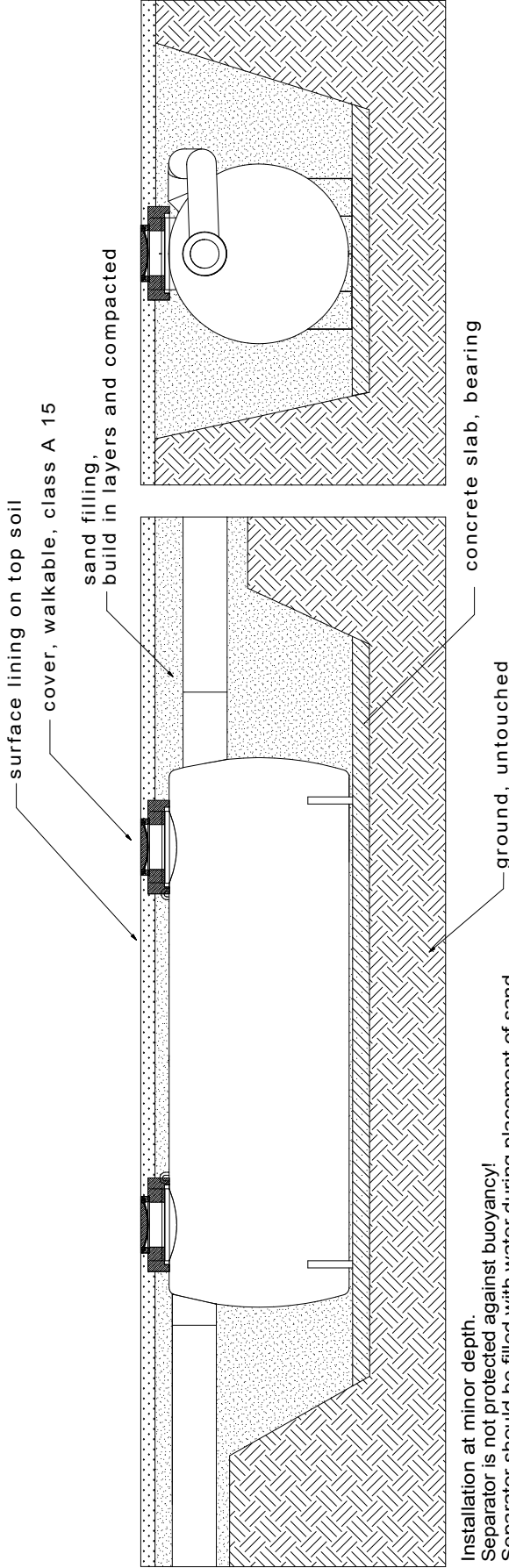
SEPARATORS SERIES „G“ MADE OF STEEL

INSTALLATION ADVISES FOR AQUAFIX® SEPARATORS SERIES „G“ MADE OF STEEL

1. Please check completeness of delivery and immediately note any parts that are missing or were damaged in transit on the delivery note. Complaints received at a later date will not be accepted. Otherwise our general business terms and conditions apply.
2. The separator must be installed outside the washing areas where it will not overflow or back up. It must also be as close as possible to the source of the sewage, in the open but protected from the frost and easy to access by cleaning vehicles. The outlets and pipes must be able to drain off.
3. The excavation base must be level. If no suitable soil is available a 10 mm thick compressed bed of sand or small pebbles can be used. A foundation plate would be even better. If the foundation soil is non-supporting, make a statically dimensioned foundation plate.
4. Take thickness of base and correction layer into consideration in height calculations. Pay attention to height information in installation drawing.
5. Tank must be installed in a level position.
6. The material must be level as it flows through the separator. Inlets and outlets must be correctly aligned. The inlet and outlet must not be the wrong way around! Use the correct gradient! Recommended total gradient of system must be 2-5%!
7. Install system with top edge higher than last inlet point.
8. Pipelines must be connected without leaks.
9. After all tanks, tops, covers and connecting pipes have been correctly aligned, clean the system!
10. Before filling up the system, fill all tanks with fresh water and check for leaks. The leak test is mandatory!
11. Do not modify tank or pipes again after filling with sand and compressing. Please refer to provided installation drawing.
12. Attach concrete plate to provide buoyancy protection if necessary.
13. When fitting the dome shafts, ensure that the seals are correctly seated! Please use an adequate quantity of lubricant. We recommend laying the shaft elements beneath each other in mortar.
14. With liquid separation systems: When filling with fresh water, hold float in raised position by hand until it is able to float independently. Report start-up to relevant authority. Always follow accident prevention regulations during installation!

INSTALLATION DRAWING

Installation drawing series G, separator from steel walkable areas - loading capacity A 15

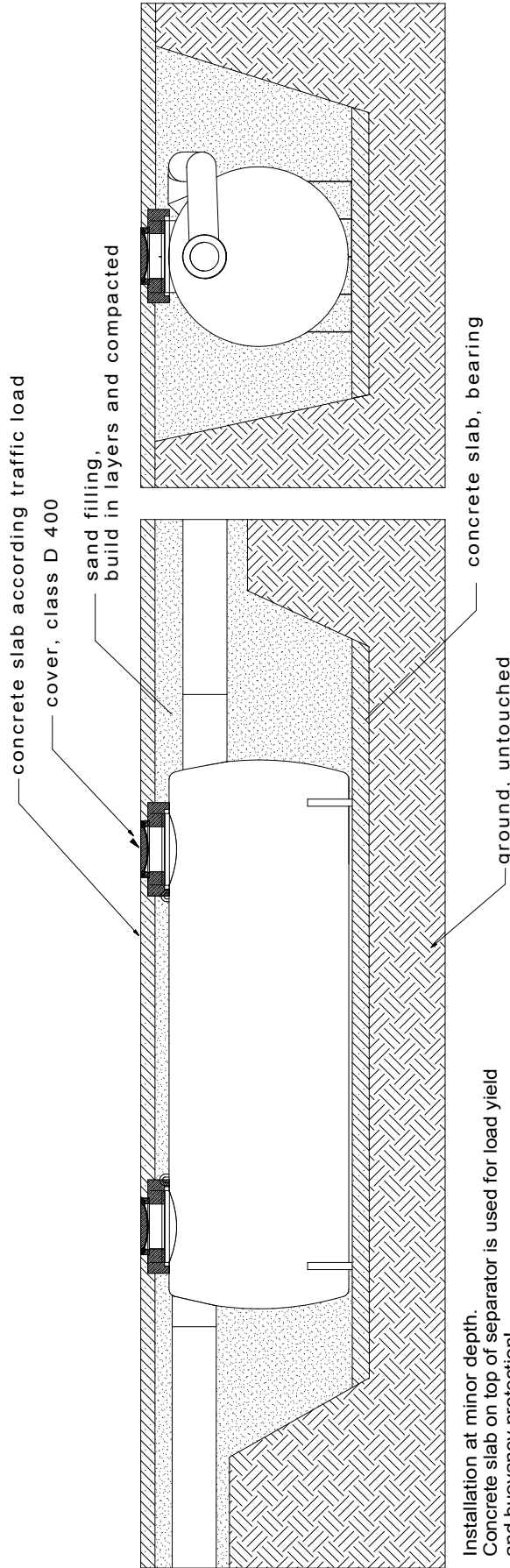


Installation at minor depth.
Separator is not protected against buoyancy!
Separator should be filled with water during placement of sand
filling continuously.

| | | | |
|-----------------|----------|---|--|
| hauraton | | Einbauzeichnung G Kl. A geringe Tiefe englisch | |
| Erstellt: Coe | 070725 | AQUAFIX | |
| gezeichnet: Coe | 07.07.25 | Hauraton GmbH & Co KG Werktstraße 13 D-76437 Haselau Tel. +49 7222 958-0 Fax. +49 7222 958-100 www.hauraton.com mail: export@hauraton.com | |
| CoB | 08.12.08 | Anbauung | |
| CoE | | Textänderung | |

INSTALLATION DRAWING

Installation drawing series G, separator from steel
 trafficable areas - loading capacity D 400



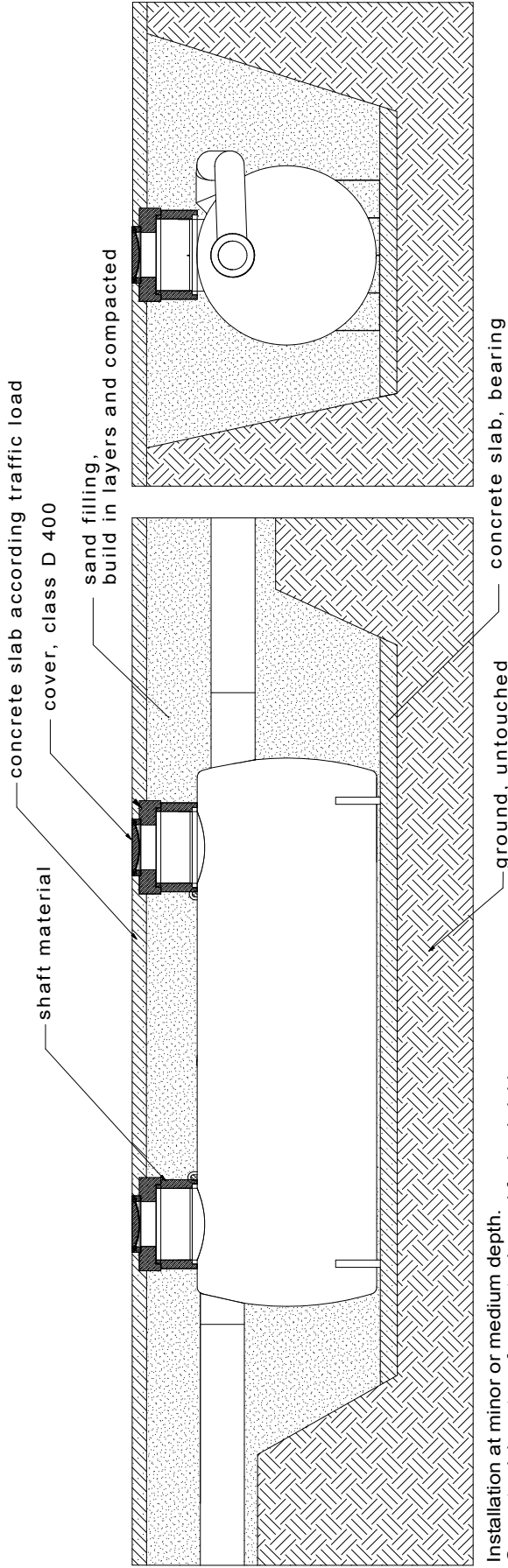
Installation at minor depth.
 Concrete slab on top of separator is used for load yield and buoyancy protection!
 Separator should be filled with water during placement of sand filling continuously.

| | | | |
|-----------------|----------|--|--|
| hauraton | | Einbauzeichnung G Kl. D geringe Tiefe englisch | |
| Erstellt: Coe | 070725 | AQUAFIX | |
| gezeichnet: Coe | 07.07.25 | Hauraton GmbH & Co KG | |
| CoE | 081208 | Weikstrasse 13 | |
| | | Tel +49 7222 958-0 | |
| | | Tel +49 7222 958-100 | |
| | | Fax +49 7222 958-100 | |
| | | www.hauraton.com | |
| | | mail: export@hauraton.com | |

INSTALLATION DRAWING

Installation drawing series G, separator from steel

trafficable areas - loading capacity D 400



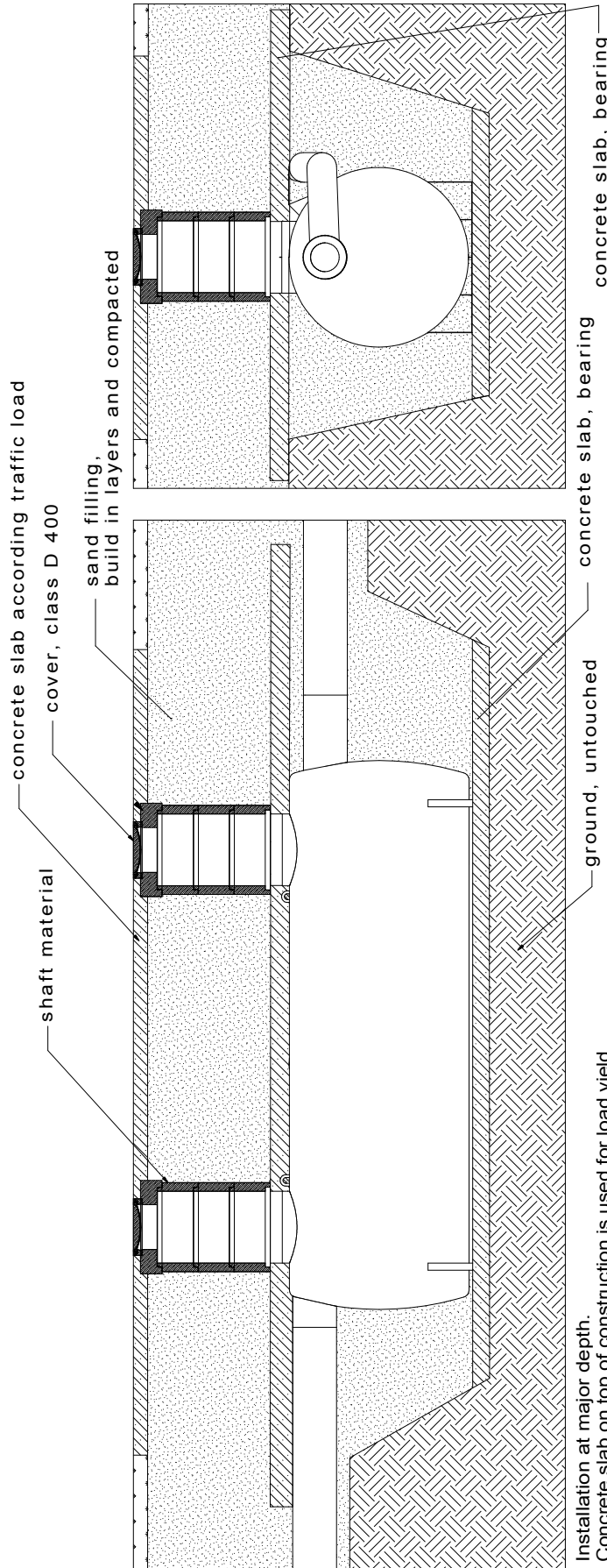
Installation at minor or medium depth.
Concrete slab on top of separator is used for load yield and buoyancy protection!
Separator should be filled with water during placement of sand filling continuously.

| | | | |
|---|---------------|--------|------------------------|
| hauraton | Erstellt: Coe | 070725 | AQUAFIX |
| | Produkt: Coe | 070725 | größter Textänderungen |
| | Produkt: Coe | 081208 | Textänderungen |
| Hauraton GmbH & Co KG Werkstrasse 13 D-76437 Rastatt Tel: +49 7222 958-0 Fax: +49 7222 958-100 www.hauraton.com mail: export@hauraton.com | | | |

INSTALLATION DRAWING

Installation drawing series G, separator from steel

trafficable areas - loading capacity D 400



Installation at major depth.
Concrete slab on top of construction is used for load yield and slab on top of separator is used for buoyancy protection!
Separator should be filled with water during placement of sand filling continuously.

| | | | |
|-------------------|--------|---|--|
| hauraton | | Einbauzeichnung G Kl. D große Tiefe englisch | |
| Erstellt: Coe | 070725 | AQUAFIX | |
| gezeichnet durch: | 070725 | Hauraton GmbH & Co KG | |
| CoE | 081208 | Werkstrasse 13 | |
| CoE | 081208 | D-76437 Hasbachtal | |
| | | Tel. +49 7222 958 100 | |
| | | Fax +49 7222 958 100 | |
| | | www.hauraton.com | |
| | | mail: export@hauraton.com | |

| | | | | | |
|----------------------------------|----------------------|-------------------------|--------------------------|---------------------------|---------------------------|
| INSTALLATION INSTRUCTIONS | AQUAFIX® „PP“ | AQUAFIX® „10 PE“ | AQUAFIX® CONCRETE | AQUAFIX® STEEL „k“ | AQUAFIX® STEEL „G“ |
|----------------------------------|----------------------|-------------------------|--------------------------|---------------------------|---------------------------|

AQUAFIX® SEPARATORS

INSTALLATION INSTRUCTIONS

SEPARATORS SERIES „G“ MADE OF STEEL

OPERATION AND MAINTENANCE OF AQUAFIX® LIGHT LIQUID SEPARATORS SERIES „G“ MADE OF STEEL

□ Before start-up

1. Clean entire system and remove residual mortar, soil etc.
2. Fill sludge trap and separator with fresh water.*

Attention! Always hold float of seal in hand when filling until it can float by itself. Please ensure that water level is same in all chambers of tank, and fill in sequence!

3. Re-check joints of system for leaks.

* Sludge trap in this type of system must be filled with fresh water.

□ Operation

As well as following the maintenance guide, the entire system must comply with the following regulations

- DIN 1986 (estate drainage systems)
- EN 858 (light liquid separators)
- Local drainage regulations and other instructions

Only sewage that does not have a detrimental effect on the intended operation of the separator must be led into the system. Emulsions and solvents (cold cleaners, drilling and cutting oil, water-soluble hydrocarbons etc.) must not be allowed to enter the separator. Dispose of these materials together with the special waste. Rainwater from surfaces for which the separator was not intended and domestic sewage must not be led into the separator.

With coalescence separators: Do not remove coalescence insert during operation!

The use of alarm systems with big steel AQUAFIX® SKG, SKBP, SKGBP2 and SKGBPL separators is strongly recommended because of the large quantity of light liquid that is stored!

□ Disposal

Separator systems must be drained at least every six months, but should not be allowed to fill to more than 85% of their storage capacity. Cleaning must occur more often if the storage capacity of the separator or sludge trap is exceeded. Operation must not be interrupted. All separated material must be drained, cleaned and taken away for disposal by an approved disposal company.

Please empty the separator and the sludge trap of this type of system at the same time if possible.

First extract the oil layer from the system and then the layer of water beneath it, into separate tanks if possible. Clean float and seal every time the system is emptied and check operation thereof.

With coalescence separators: If the coalescence material is soiled, remove coalescence material, clean above sludge trap, give damaged coalescence material to disposal company and replace with new material. Replace coalescence material. The sludge trap has a coalescence chamber access flap for removing the coalescence material. Re-fill system with fresh water whenever it is emptied and cleaned.

Attention! Always hold float of seal by hand until it is floating when filling the system. Use mobile ladder when entering the system. Extract air/vapour mixture beforehand. Take the relevant safety precautions! Follow the accident prevention regulations!

In the event of torrential rainfall, a sudden influx into the separator can occur with large separators. When entering the system, prevent influx and pay attention to personal safety.



□ Maintenance

The separator must be serviced at least every 6 months. The system must be emptied to do this. Carefully check that all system components are in good working order and undamaged. Then fill separator and sludge trap with water*, hold seal open by hand or insert later.

* Sludge trap in this type of system must be filled with fresh water.

It is extremely important to follow the accident prevention regulations! Keep these instructions in a clearly visible location in close proximity to the separator!

Coalescence insert description and maintenance guide

1. Description: The coalescence insert consists of lamellar material that is in the coalescence chamber.
2. Maintenance: The coalescence material must be checked monthly for soiling. If the material is difficult to rinse back, remove material using the clamp in the coalescence chamber that is accessible from the sludge trap and clean. Replace material with new material if necessary. Then close flap again.

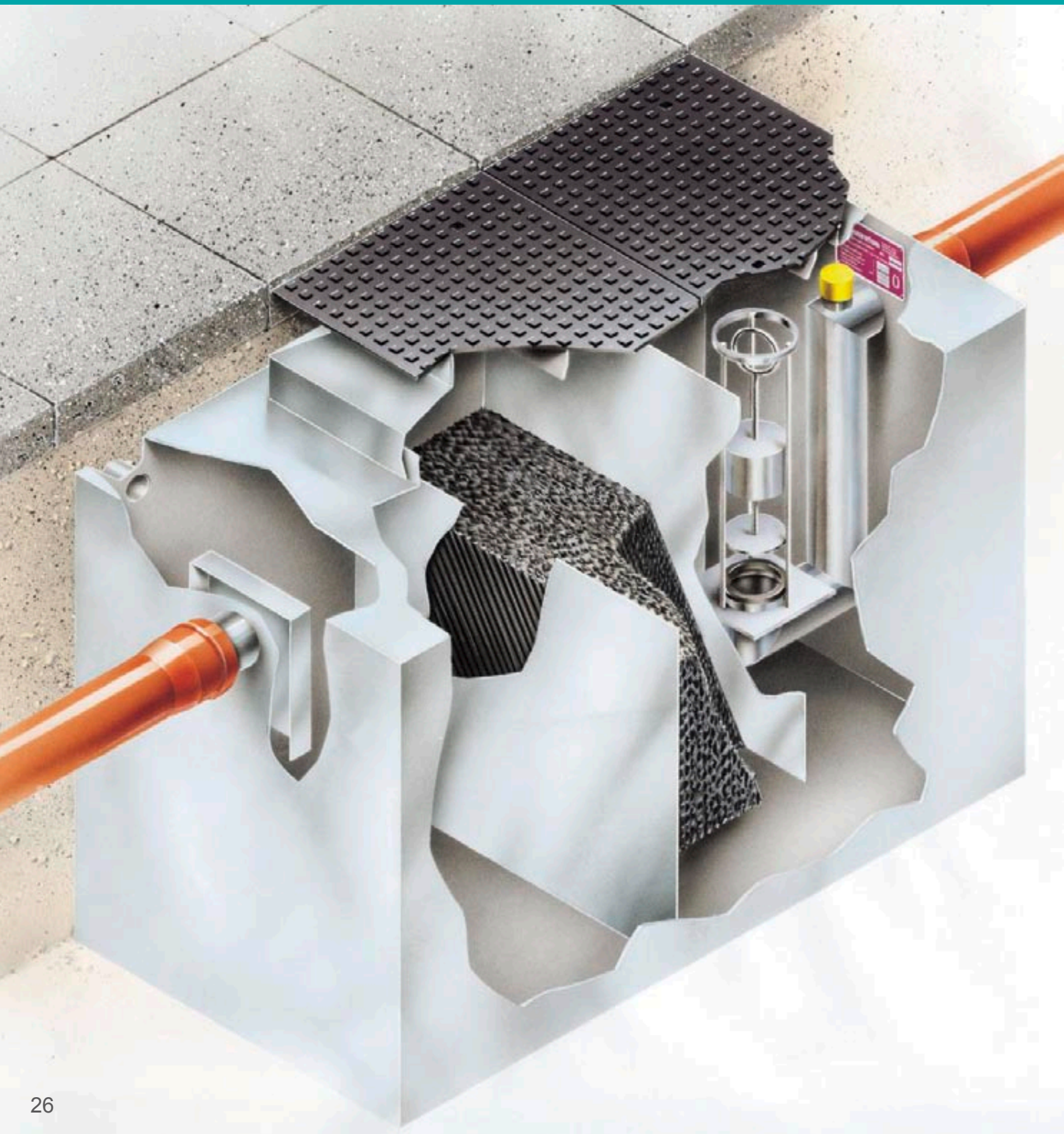
Do not remove coalescence material during operation!

Seal description and maintenance

1. Description: The separator outlet is equipped with a seal. When the float drops into the light liquid layer a sealing washer is pressed against the bottom end of the outlet. When filling the system with fresh water, hold float in an elevated position by hand until it can float by itself.
2. Maintenance: **Important!** The seal must be held in an elevated position by hand by pulling the float until the maximum water level is reached. Do not release float until it is floating in water, therefore releasing the seal!

AQUAFIX® SEPARATORS

SERIES „k“ SMALL MADE OF STEEL
STRONG SOLUTIONS FOR SMALL FLOWS.





AT A GLANCE:

- ✓ At least solid 5 mm steel plates
- ✓ Separator tank, continuously chargeable up to class D 400
- ✓ Galvanised inside and outside or coated with several layers of epoxy resin on pretreated surface

AQUAFIX® SEPARATORS

SERIES „k“ SMALL MADE OF STEEL
STRONG SOLUTIONS FOR SMALL FLOWS.

FEATURES

- At least solid 5 mm steel plate
- Entry and maintenance openings
Size 1: 500 x 630 mm or 500 x 500 mm;
Size 2: 1000 x 630 mm or 1000 x 500 mm
(Measures depending on the place of delivery/country)
- Class B 125 or C 250 extension covers with adjustable height (Loading class depending on the place of delivery/country)
- Stop rings to handle the systems
- Separator tank, continuously chargeable up to class D 400
- Galvanised inside and outside or coated with several layers of epoxy resin on pretreated surface (Coating depending on the place of delivery/country)
- Compact design
- Complies with standards EN 858 and EN 1825
- Inlets and outlets made from 5 mm steel plate, same diameter as KG pipes

For light liquid separation systems:

- Easy to remove as required by the norm
- Easy to clean lamellar coalescence material
- Maintenance-free coalescence block
- Sampling system can be integrated

EXTENSIONS

All models are equipped with 500 x 630 mm and 1000 x 630 mm, or with 500 x 500 mm and 1000 x 500 mm covers. They are 200 mm or 100 mm high and are continuously adjustable by up to 40 mm. They have been designed for class B 125 or C 250. Several units can be stacked on top of each other.

Extension cover 500 x 630 mm (Size 1), Weight: 51 kg total, Height: 200 mm, Class C 250, Article no. 80011,
Extension cover 1000 x 630 mm (Size 2), Weight: 84 kg total, Height: 200 mm, Class C 250, **Item no. 80012 P**

Extension cover 500 x 500 mm (Size 1), Weight: 45 kg total, Height: 100 mm, Class B 125, Article no. 80021,
Extension cover 1000 x 500 mm (Size 2), Weight: 80 kg total, Height: 100 mm, Class B 125, **Item no. 80022 H**



AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

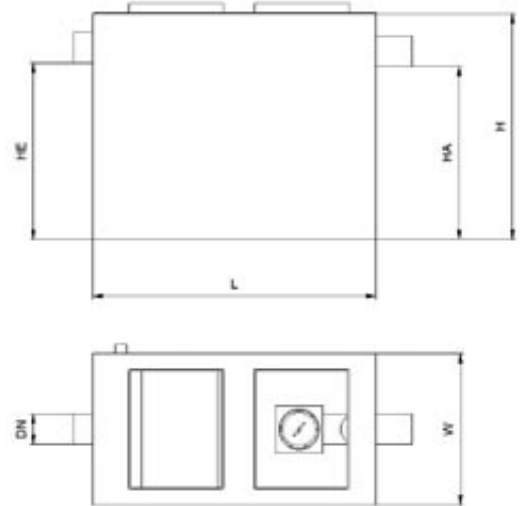
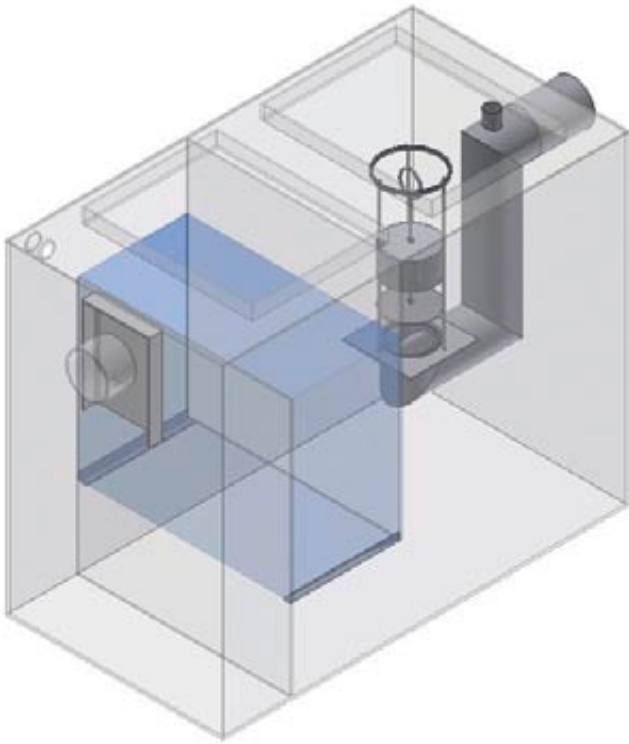
AQUAFIX® „10 PE“

AQUAFIX® „PP“

**INSTALLATION
INSTRUCTIONS**

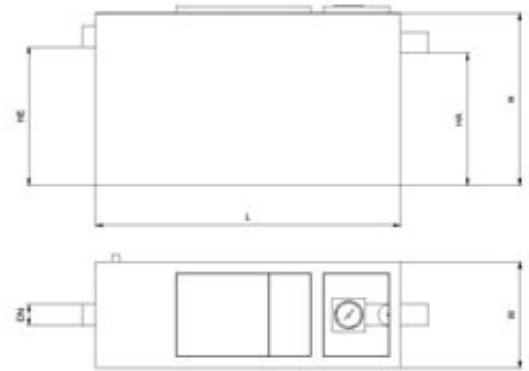
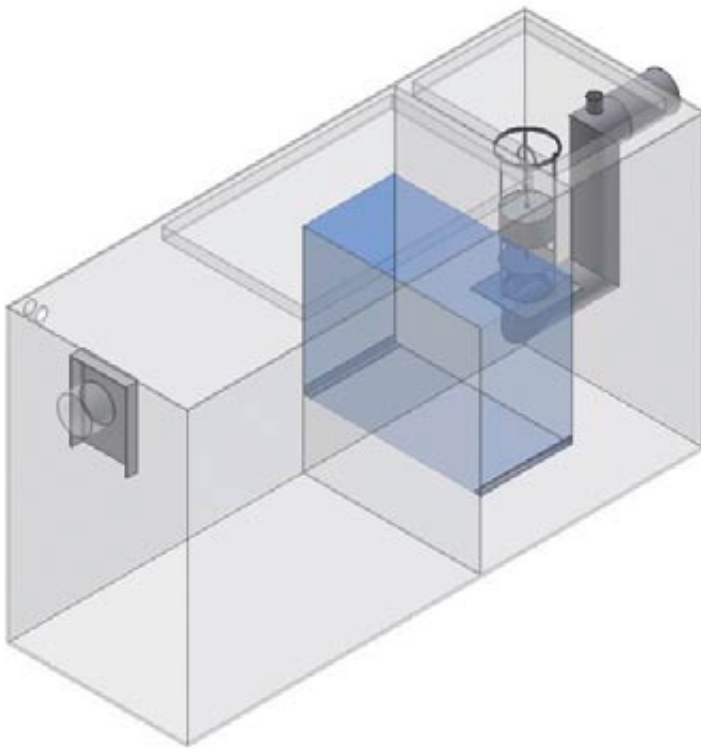
AQUAFIX® Separators from steel - Series k

AQUAFIX® - Kk Coalescence separator



| | Length mm | Width mm | Height mm | max. ϕ Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | Man- hole type 1 | Man- hole type 2 | Weight mm | storage capa- city l | Item No. |
|---------|--------------|-------------|--------------|----------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|------------------------|------------------------|--------------|-------------------------------|-------------|
| Kk 01,5 | 1000 | 600 | 800 | 1 | - | 87 | 261 | 100 | 600 | 580 | 1 | 1 | 265,0 | 120 | 87501 |
| Kk 03 | 1000 | 600 | 1000 | 3 | - | 117 | 351 | 100 | 800 | 780 | 1 | 1 | 339,0 | 120 | 87503 |
| Kk 04 | 1000 | 800 | 1000 | 4 | - | 156 | 468 | 100 | 800 | 780 | 1 | 1 | 419,0 | 160 | 87504 |
| Kk 06 | 1200 | 800 | 1200 | 6 | - | 184 | 699 | 150 | 940 | 920 | 2 | - | 554,0 | 192 | 87506 |
| Kk 08 | 1500 | 800 | 1200 | 8 | - | 184 | 920 | 150 | 940 | 920 | 2 | - | 664,0 | 240 | 87508 |
| Kk 15 | 1500 | 1000 | 1500 | 15 | - | 295 | 1475 | 200 | 1200 | 1180 | 2 | - | 1010,0 | 300 | 87515 |
| Kk 10 | 1500 | 800 | 1200 | 10 | - | 184 | 920 | 150 | 940 | 920 | 2 | - | 664,0 | 240 | 87510 |
| Kk 20 | 1800 | 1000 | 1500 | 20 | - | 295 | 1829 | 200 | 1200 | 1180 | 2 | - | 1029,0 | 360 | 87520 |

AQUAFIX® - SKk Coalescence separator with sludge trap



| | Length mm | Width mm | Height mm | max. ϕ Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | Man- hole type 1 | Man- hole type 2 | Weight mm | storage capa- city l | Item No. |
|--|--------------|-------------|--------------|----------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|------------------------|------------------------|--------------|-------------------------------|-------------|
|--|--------------|-------------|--------------|----------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|------------------------|------------------------|--------------|-------------------------------|-------------|

| | | | | | | | | | | | | | | | |
|---------------|------|------|------|----|---|------|------|-----|------|------|---|---|--------|-----|-------|
| SKk 01,5/0150 | 1200 | 600 | 800 | 1 | - | 157 | 261 | 100 | 600 | 560 | 1 | 1 | 291,0 | 90 | 87601 |
| SKk 03/0300 | 1400 | 600 | 1000 | 3 | - | 328 | 328 | 100 | 800 | 750 | 2 | - | 363,0 | 84 | 87603 |
| SKk 04/0400 | 1400 | 800 | 1000 | 4 | - | 406 | 468 | 100 | 800 | 750 | - | 1 | 427,0 | 120 | 87604 |
| SKk 06/0600 | 1800 | 800 | 1200 | 6 | - | 626 | 699 | 150 | 950 | 900 | - | 1 | 623,0 | 152 | 87606 |
| SKk 08/0800 | 2000 | 800 | 1200 | 8 | - | 810 | 662 | 150 | 950 | 900 | - | 1 | 699,0 | 144 | 87608 |
| SKk 10/1000 | 2100 | 800 | 1300 | 10 | - | 1061 | 734 | 150 | 1050 | 1000 | - | 1 | 809,0 | 144 | 87610 |
| SKk 15/1500 | 2300 | 1100 | 1600 | 15 | - | 1690 | 1408 | 200 | 1300 | 1250 | - | 3 | 1275,0 | 220 | 87615 |
| SKk 20/2000 | 2300 | 1100 | 1600 | 15 | - | 2253 | 1830 | 200 | 1300 | 1250 | - | 3 | 1371,0 | 286 | 87620 |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „k“

AQUAFIX® CONCRETE

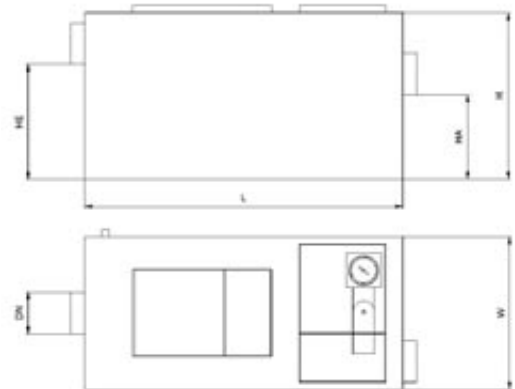
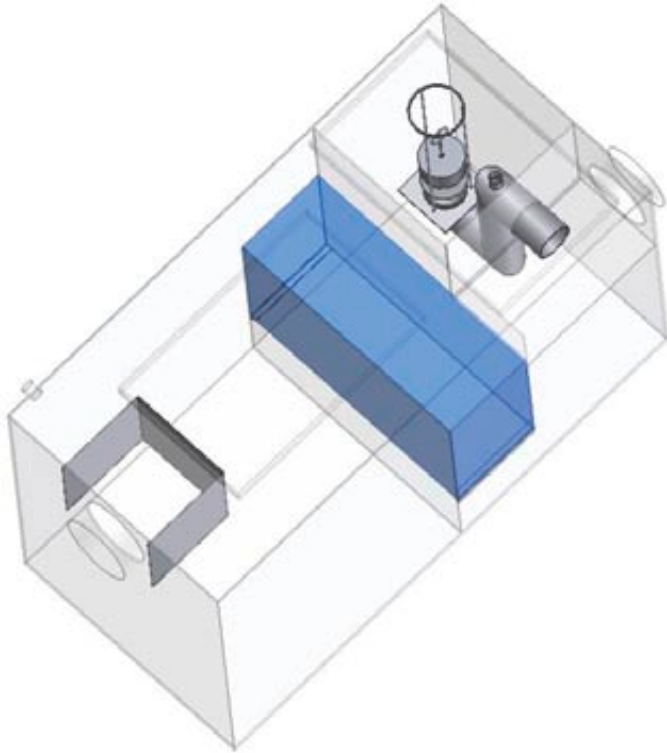
AQUAFIX® „10 PE“

AQUAFIX® „PP“

INSTALLATION
INSTRUCTIONS

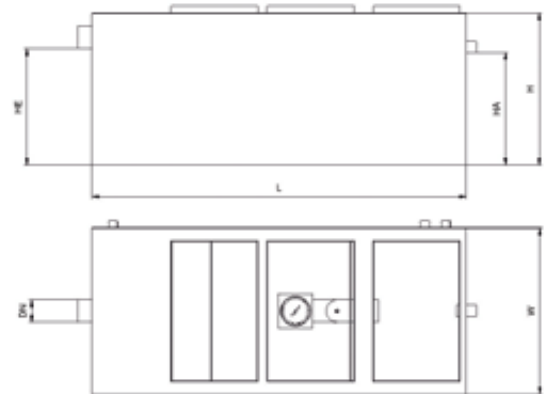
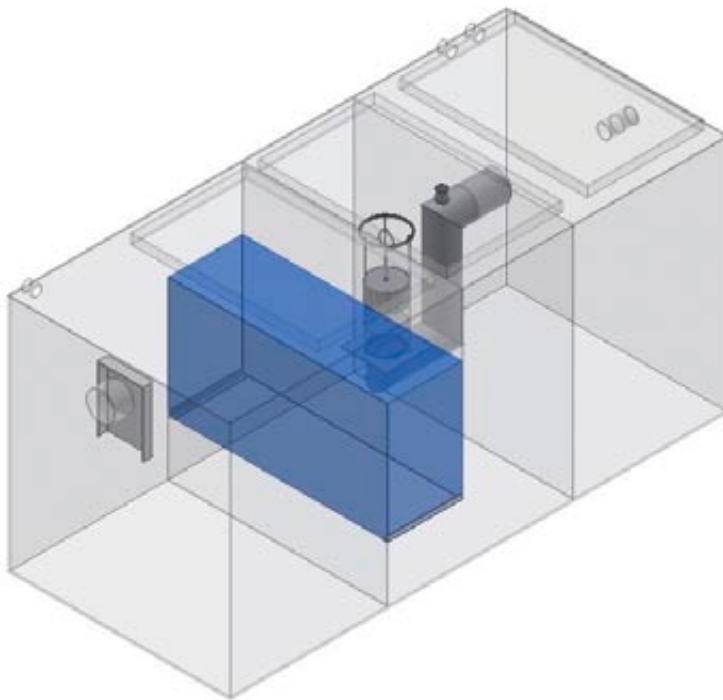
AQUAFIX® Separators from steel - Series k

AQUAFIX® - SKBPk Coalescence separator with sludge trap and bypass



| | Length mm | Width mm | Height mm | max. \varnothing Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | Man- hole type 1 | Man- hole type 2 | Weight mm | storage capa- city l | Item No. |
|---------------|--------------|-------------|--------------|-----------------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|------------------------|------------------------|--------------|-------------------------------|-------------|
| SKBPk 03/0300 | 1200 | 800 | 1200 | 15 | - | 384 | 426 | 150 | 980 | 760 | 2 | - | 498,0 | 112 | 87803 |
| SKBPk 04/0400 | 1500 | 800 | 1200 | 20 | - | 473 | 483 | 200 | 930 | 710 | 2 | - | 563,0 | 136 | 87804 |
| SKBPk 06/0600 | 1900 | 1000 | 1300 | 30 | - | 859 | 851 | 200 | 1030 | 810 | - | 2 | 804,0 | 210 | 87806 |
| SKBPk 08/0800 | 2300 | 1100 | 1200 | 40 | - | 891 | 872 | 300 | 830 | 610 | - | 2 | 916,0 | 286 | 87808 |
| SKBPk 10/1000 | 2300 | 1100 | 1400 | 50 | - | 1333 | 980 | 300 | 1030 | 810 | - | 2 | 1073,0 | 242 | 87810 |
| SKBPk 15/1500 | 2500 | 1200 | 1800 | 75 | - | 1886 | 1732 | 400 | 1330 | 1110 | - | 2 | 1560,0 | 312 | 87815 |
| SKBPk 20/2000 | 2900 | 1200 | 1800 | 100 | - | 2201 | 1998 | 400 | 1330 | 1110 | - | 3 | 1657,0 | 360 | 87820 |

AQUAFIX® - SKmPk Coalescence separator with sludge trap and pump chamber



| | Length mm | Width mm | Height mm | max. \varnothing Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | Man- hole type 1 | Man- hole type 2 | Weight mm | storage capa- city l | Item No. |
|--|--------------|-------------|--------------|-----------------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|------------------------|------------------------|--------------|-------------------------------|-------------|
|--|--------------|-------------|--------------|-----------------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|------------------------|------------------------|--------------|-------------------------------|-------------|

| | | | | | | | | | | | | | | | |
|-----------------|------|------|------|----|---|------|------|-----|------|------|---|---|--------|-----|-------|
| SKmPk 01,5/0150 | 2200 | 600 | 800 | 1 | - | 157 | 296 | 100 | 600 | 570 | 3 | - | 396,0 | 102 | 87701 |
| SKmPk 03/0300 | 1800 | 800 | 1000 | 3 | - | 312 | 437 | 100 | 800 | 770 | 3 | - | 492,0 | 112 | 87703 |
| SKmPk 04/0400 | 2400 | 800 | 1000 | 4 | - | 406 | 562 | 100 | 800 | 770 | 3 | - | 574,0 | 144 | 87704 |
| SKmPk 06/0600 | 2200 | 1100 | 1200 | 6 | - | 607 | 1012 | 150 | 950 | 920 | - | 2 | 950,0 | 220 | 87706 |
| SKmPk 08/0800 | 2700 | 1200 | 1100 | 8 | - | 836 | 984 | 150 | 850 | 820 | - | 3 | 1111,0 | 240 | 87708 |
| SKmPk 10/1000 | 2700 | 1200 | 1300 | 10 | - | 1040 | 1224 | 150 | 1050 | 1020 | - | 3 | 1220,0 | 240 | 87710 |
| SKmPk 15/1500 | 3100 | 1200 | 1600 | 15 | - | 1536 | 1690 | 200 | 1300 | 1270 | - | 3 | 1633,0 | 264 | 87715 |
| SKmPk 20/2000 | 3100 | 1400 | 1600 | 20 | - | 2253 | 1971 | 200 | 1300 | 1270 | - | 3 | 1766,0 | 308 | 87720 |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

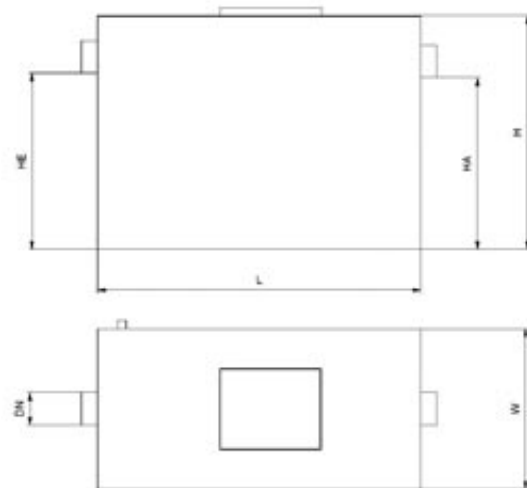
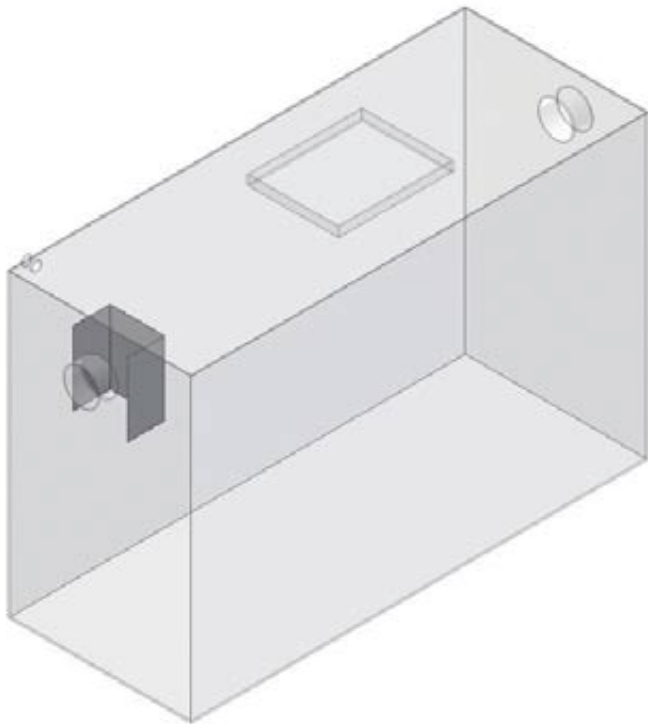
AQUAFIX® „10 PE“

AQUAFIX® „PP“

INSTALLATION
INSTRUCTIONS

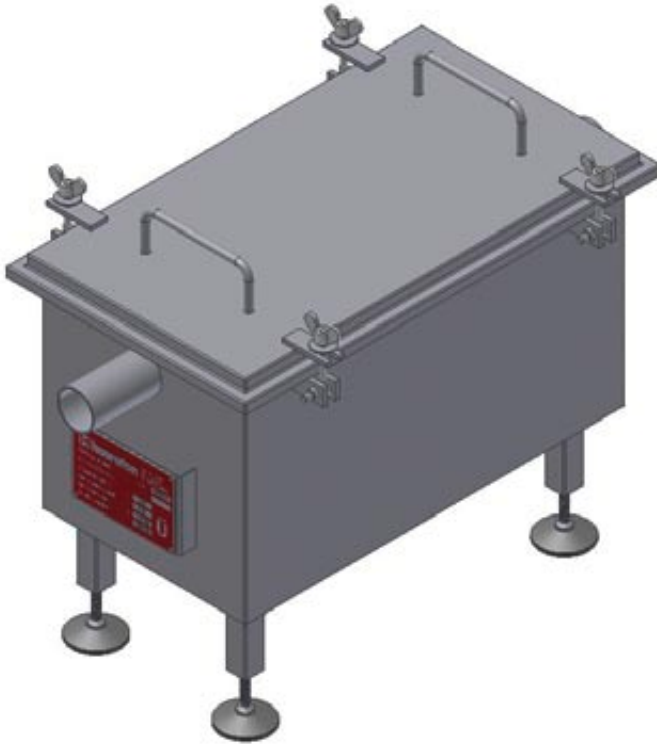
AQUAFIX® Separators from steel - Series k

AQUAFIX® - Sk Sludge trap



| | Length mm | Width mm | Height mm | max. \varnothing Sepe- rator Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | Man- hole type 1 | Man- hole type 2 | Weight kg | storage capa- city l | Item No. |
|--------|--------------|-------------|--------------|---|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|------------------------|------------------------|--------------|-------------------------------|-------------|
| Sk 100 | 800 | 500 | 600 | - | - | 100 | - | 100 | 350 | 320 | 1 | - | 94,0 | - | 87000 |
| Sk 150 | 800 | 600 | 600 | - | - | 150 | - | 100 | 350 | 320 | 1 | - | 104,0 | - | 87001 |
| Sk 200 | 800 | 600 | 700 | - | - | 200 | - | 100 | 450 | 420 | 1 | - | 117,0 | - | 87002 |

AQUAFIX® - Grease separator with sludge trap - freestanding overground installation



| | Length mm | Width mm | Height mm | max. ϕ Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | Man- hole type 1 | Man- hole type 2 | Weight kg | storage capa- city l | Item No. |
|-------|--------------|-------------|--------------|----------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|------------------------|------------------------|--------------|-------------------------------|-------------|
| GB 1 | 760 | 415 | 560 | 1 | - | 11 | 22 | 50 | 325 | 290 | - | - | 27,0 | 11 | 77050 |
| NS 01 | 950 | 450 | 642 | 1 | - | 100 | 96 | 70 | 500 | 470 | - | - | 70,0 | 37 | 77100 |
| NS 02 | 1650 | 640 | 1000 | 2 | - | 200 | - | 100 | 770 | 700 | - | - | 225,0 | 172 | 77200 |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „k“

AQUAFIX® CONCRETE

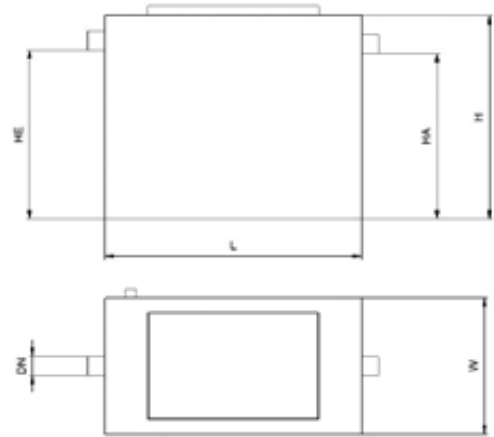
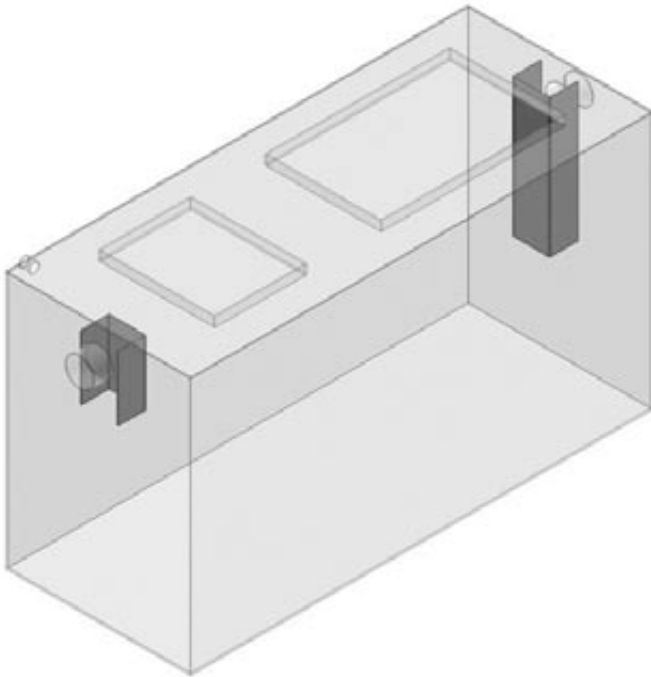
AQUAFIX® „10 PE“

AQUAFIX® „PP“

INSTALLATION
INSTRUCTIONS

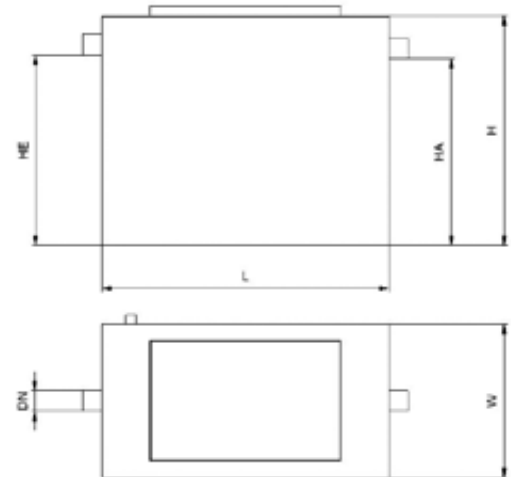
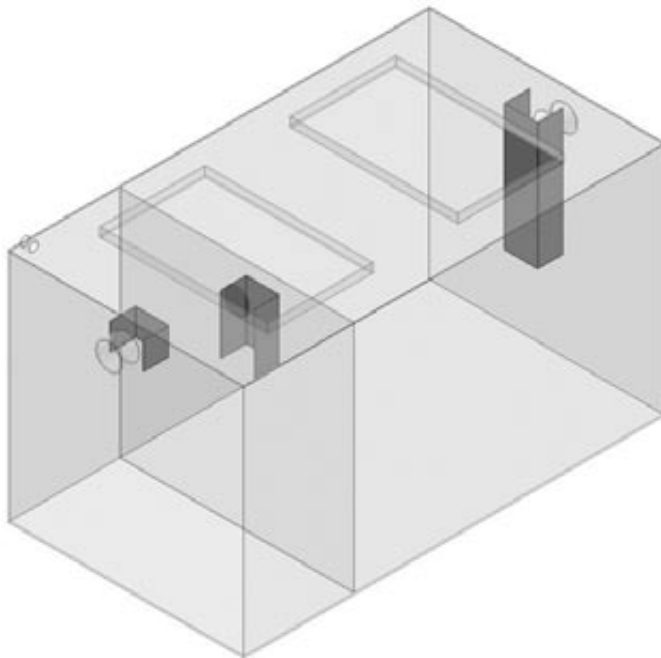
AQUAFIX® Separators from steel - Series k

AQUAFIX® - Fk Grease separator



| | Length mm | Width mm | Height mm | max. \varnothing Sepe- rator Flow l/s | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | Man- hole 1 | Man- hole 2 | Weight kg | storage capa- city l | Item No. | |
|-------|--------------|-------------|--------------|--|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-------------------|-------------------|--------------|-------------------------------|-------------|-------|
| Fk 01 | 1000 | 500 | 1000 | 1 | - | - | 390 | 100 | 800 | 780 | 1 | - | 171,0 | 100 | 87101 |
| Fk 02 | 1200 | 800 | 1000 | 2 | - | - | 749 | 100 | 800 | 780 | 1 | - | 242,0 | 192 | 87102 |
| Fk 04 | 1500 | 800 | 1200 | 4 | - | - | 1176 | 100 | 1000 | 980 | - | 1 | 324,0 | 240 | 87104 |
| Fk 07 | 1800 | 1000 | 1200 | 7 | - | - | 1674 | 150 | 950 | 930 | - | 1 | 416,0 | 360 | 87107 |
| Fk 10 | 2500 | 1000 | 1400 | 10 | - | - | 2825 | 150 | 1150 | 1130 | 1 | 1 | 597,0 | 500 | 87110 |
| Fk 15 | 3200 | 1200 | 1400 | 15 | - | - | 4147 | 200 | 1100 | 1080 | - | 2 | 609,0 | 768 | 87115 |
| Fk 20 | 3200 | 1600 | 1500 | 20 | - | - | 6042 | 200 | 1200 | 1180 | - | 2 | 953,0 | 1024 | 87120 |
| Fk 25 | 4000 | 1600 | 1500 | 25 | - | - | 7552 | 200 | 1200 | 1180 | - | 2 | 1133,0 | 1280 | 87125 |

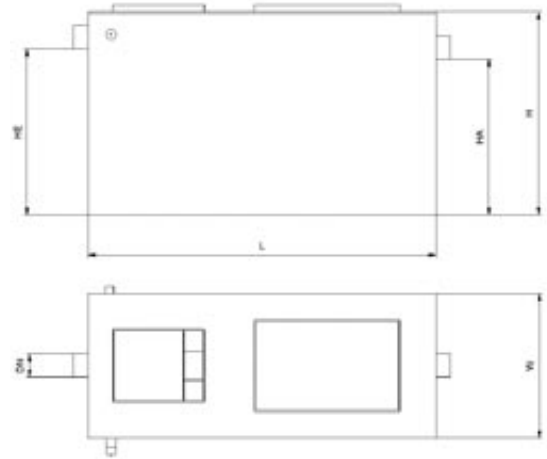
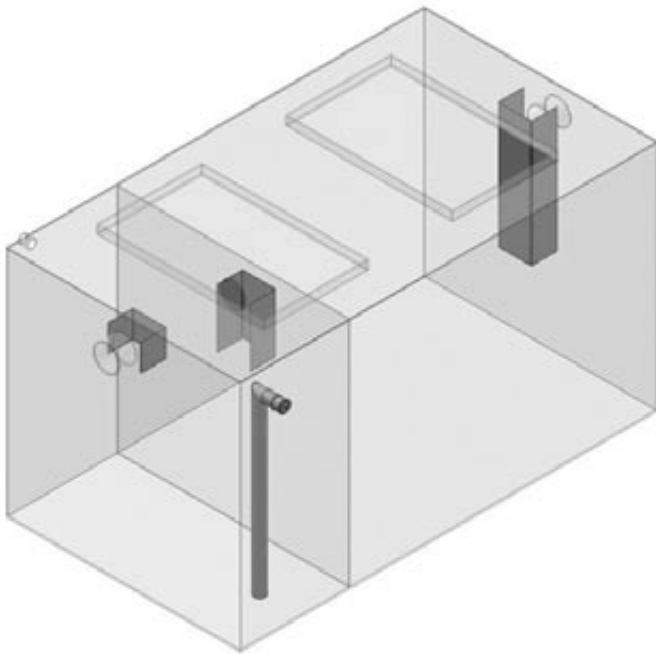
AQUAFIX® - SFk Grease separator with sludge trap



| | Length mm | Width mm | Height mm | max. ϕ Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | Man- hole 1 | Man- hole 2 | Weight kg | storage capa- city l | Item No. |
|----------------|--------------|-------------|--------------|----------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-------------------|-------------------|--------------|-------------------------------|-------------|
| SFk 01/0100 | 1000 | 500 | 1000 | 1 | - | 113 | 256 | 100 | 800 | 730 | 1 | - | 194,0 | 70 | 87201 |
| SFk 02/0200 | 1200 | 800 | 1000 | 2 | - | 240 | 467 | 100 | 800 | 730 | - | 1 | 277,0 | 128 | 87202 |
| SFk 04/0400 | 1500 | 1000 | 1200 | 4 | - | 475 | 930 | 100 | 1000 | 930 | - | 1 | 418,0 | 200 | 87204 |
| SFk 07/0700 | 2400 | 1000 | 1400 | 7 | - | 715 | 1890 | 150 | 1150 | 1080 | 1 | 1 | 644,0 | 350 | 87207 |
| SFk 10/1000 | 2500 | 1400 | 1400 | 10 | - | 1001 | 2797 | 150 | 1150 | 1080 | - | 2 | 793,0 | 518 | 87210 |
| SFk 15/1500 | 3200 | 1600 | 1500 | 15 | - | 1564 | 4249 | 200 | 1100 | 1030 | - | 2 | 1063,0 | 752 | 87215 |
| SFk 20/2000 | 4000 | 1800 | 1500 | 20 | - | 2277 | 5899 | 200 | 1200 | 1130 | - | 2 | 1325,0 | 1044 | 87220 |
| SFk 25/2500 | 5000 | 1800 | 1500 | 25 | - | 2588 | 7628 | 200 | 1200 | 1130 | - | 2 | 1567,0 | 1350 | 87225 |

AQUAFIX® Separators from steel - Series k

AQUAFIX® - SFmEk Grease separator with sludge trap and disposal pipe



| | Length mm | Width mm | Height mm | max. ϕ Sepe- rator Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | Man- hole 1 | Man- hole 2 | Weight kg | storage capa- city l | Item No. |
|------------------|--------------|-------------|--------------|---|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-------------------|-------------------|--------------|-------------------------------|-------------|
| SFmEk 01/0100 | 1000 | 500 | 1000 | 1 | - | 113 | 256 | 100 | 800 | 730 | 1 | - | 196,0 | 70 | 87301 |
| SFmEk 02/0200 | 1200 | 800 | 1000 | 2 | - | 240 | 467 | 100 | 800 | 730 | - | 1 | 279,0 | 128 | 87302 |
| SFmEk 04/0400 | 1500 | 1000 | 1200 | 4 | - | 475 | 930 | 100 | 1000 | 930 | - | 1 | 420,0 | 200 | 87304 |
| SFmEk 07/0700 | 2400 | 1000 | 1400 | 7 | - | 715 | 1890 | 150 | 1150 | 1080 | 1 | 1 | 646,0 | 350 | 87307 |
| SFmEk 10/1000 | 2500 | 1400 | 1400 | 10 | - | 1001 | 2797 | 150 | 1150 | 1080 | 1 | 1 | 795,0 | 518 | 87310 |
| SFmEk 15/1500 | 3200 | 1600 | 1500 | 15 | - | 1564 | 4249 | 200 | 1200 | 1130 | - | 2 | 1065,0 | 752 | 87315 |
| SFmEk 20/2000 | 4000 | 1800 | 1500 | 20 | - | 2277 | 5899 | 200 | 1200 | 1130 | - | 2 | 1330,0 | 1044 | 87320 |
| SFmEk 25/2500 | 5000 | 1800 | 1500 | 25 | - | 2588 | 7628 | 200 | 1200 | 1130 | - | 2 | 1572,0 | 1350 | 87325 |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

AQUAFIX® „10 PE“

AQUAFIX® „PP“

**INSTALLATION
INSTRUCTIONS**

AQUAFIX® SEPARATORS

INSTALLATION INSTRUCTIONS

SEPARATORS SERIES „k“ MADE OF STEEL

INSTALLATION ADVISES FOR AQUAFIX® SEPARATORS SERIES „k“ MADE OF STEEL

1. Please check completeness of delivery and immediately note any parts that are missing or were damaged in transit on the delivery note. Complaints received at a later date will not be accepted. Otherwise our general business terms and conditions apply.
2. The separator should be installed outside the washing areas where it will not overflow or back up. It must also be as close as possible to the source of the sewage, in the open but protected from the frost and easy to access by cleaning vehicles.
3. The excavation base must be level. If no suitable soil is available a 10 mm thick compressed bed of sand or small pebbles can be used. A foundation plate would be even better. If the foundation soil is non-supporting, make a statically dimensioned foundation plate.
4. Take thickness of base and correction layer into consideration in height calculations. Pay attention to height information in installation drawing.
5. Tank must be installed in a level position.
6. The material must be level as it flows through the separator. The inlet and outlet must be correctly aligned.
7. Install system with top edge higher than last inlet point.
8. Attach buoyancy protector if necessary and anchor it in the foundation plate.
9. Pipelines must be connected without leaks.
10. After correctly aligning all tanks, tops, covers and connecting pipes, clean the system!
11. Before filling up the system, fill all tanks with fresh water and check for leaks. The leak test is mandatory!
12. Do not modify tank or pipes again after filling with sand and compressing. Please refer to provided installation drawing.
13. Attach concrete plate to provide buoyancy protection if necessary.
14. With liquid separation systems: When filling with fresh water, hold float in raised position by hand until it is able to float independently. Report start-up to relevant authority.

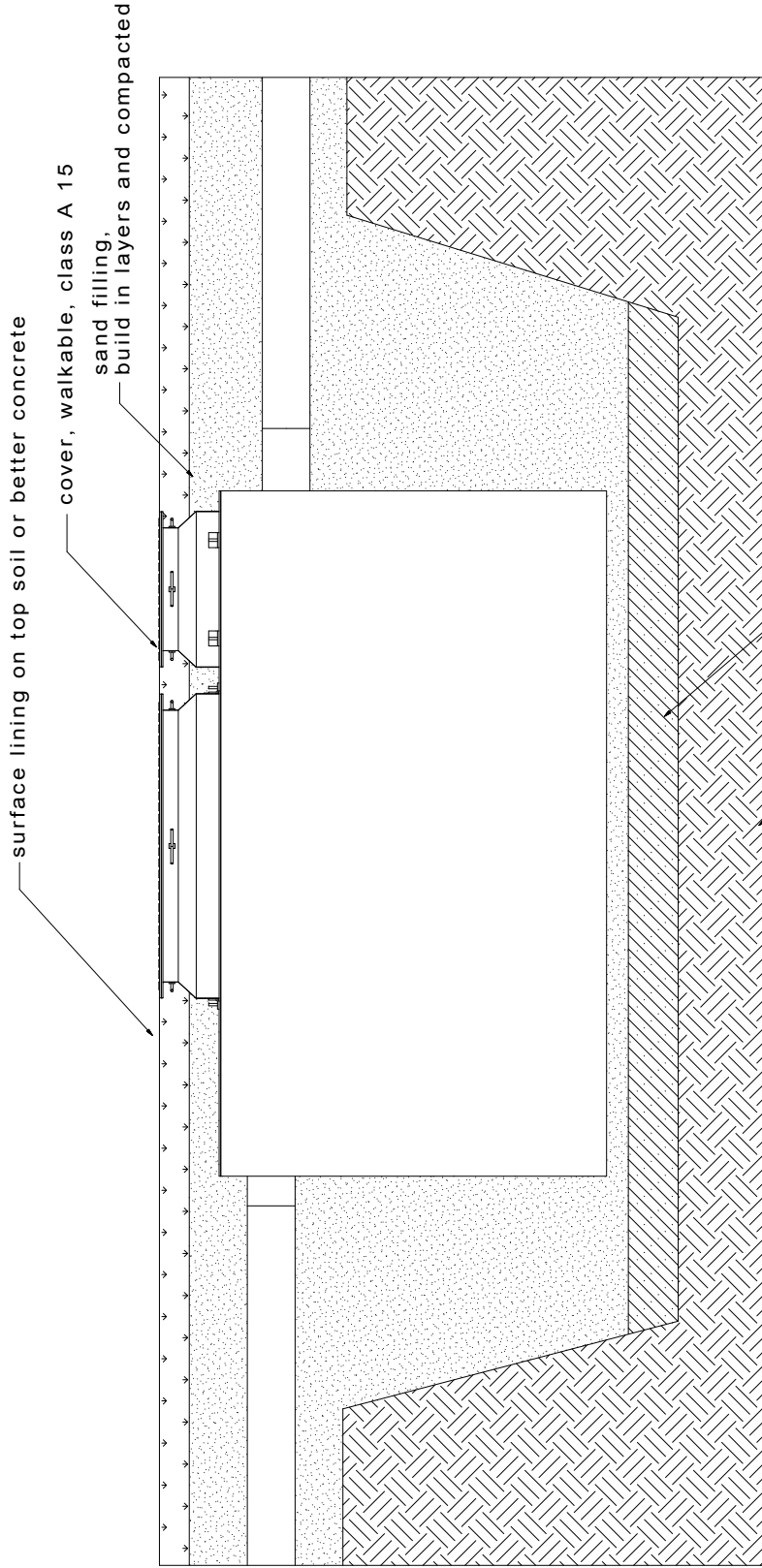
Always follow accident prevention regulations during installation!

The inlet and outlet must not be the wrong way around!
Use the correct gradient! Recommended total gradient of system must be 2 - 5%!

INSTALLATION DRAWING

Installation drawing series k, small separator from steel

walkable areas - loading capacity A 15



Installation at minor depth.
Separator is not protected against buoyancy!
Separator should be filled with water during placement of sand filling continuously.

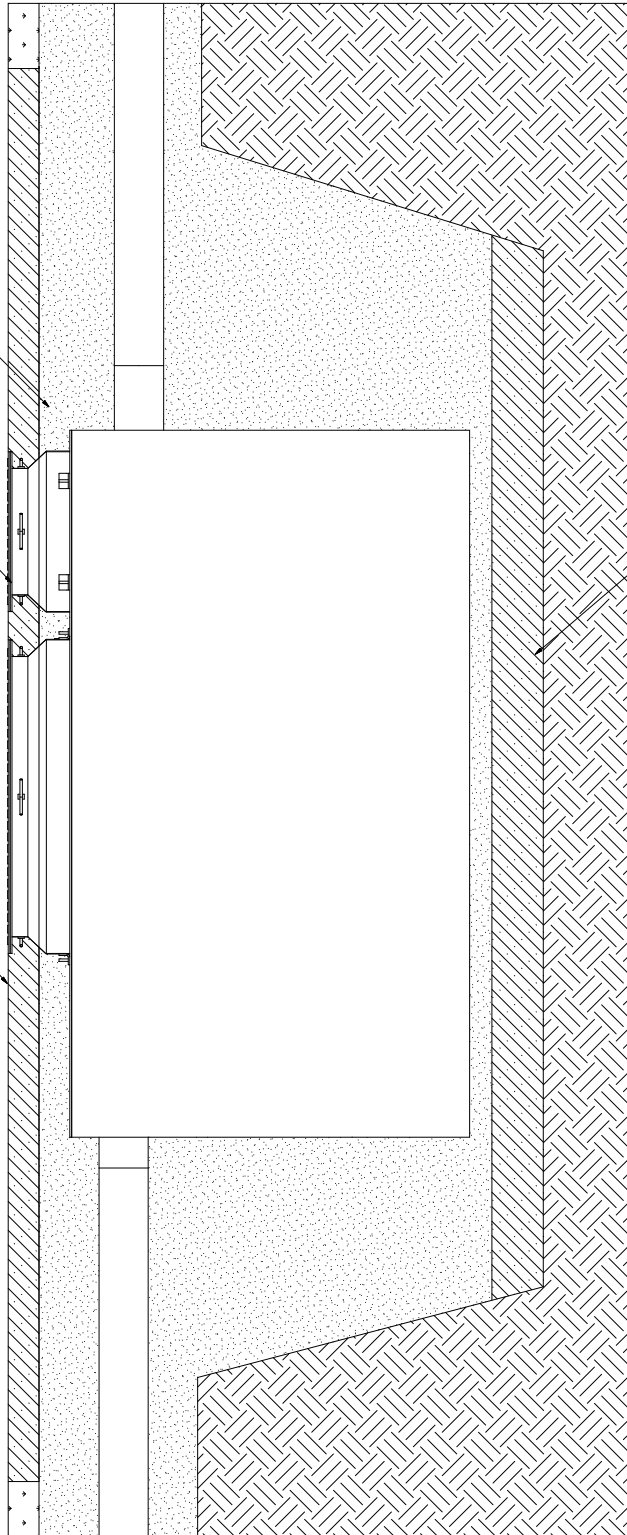
| | | | |
|-----------------|--------|---|--|
| hauraton | | Einbauzeichnung k Kl. A geringe Tiefe englisch | |
| Erstellt: Coe | 070725 | AQUAFIX | |
| gezeichnet: Coe | 070725 | Hauraton GmbH & Co KG | |
| CoE | 081208 | Werktstraße 13 | |
| | | D-76437 Haslach | |
| | | Tel: +49 7222 958-0 | |
| | | Fax: +49 7222 958-100 | |
| | | www.hauraton.com | |
| | | mail: export@hauraton.com | |

INSTALLATION DRAWING

Installation drawing series k, small separator from steel

trafficable areas - loading capacity D 400

concrete slab, bearing, reinforced, buoyancy protection
 cover, class D 400
 sand filling, build in layers and compacted



Installation at minor or medium depth.
 Separator is protected against buoyancy by concrete slab on top.
 Separator should be filled with water during placement of sand filling continuously.

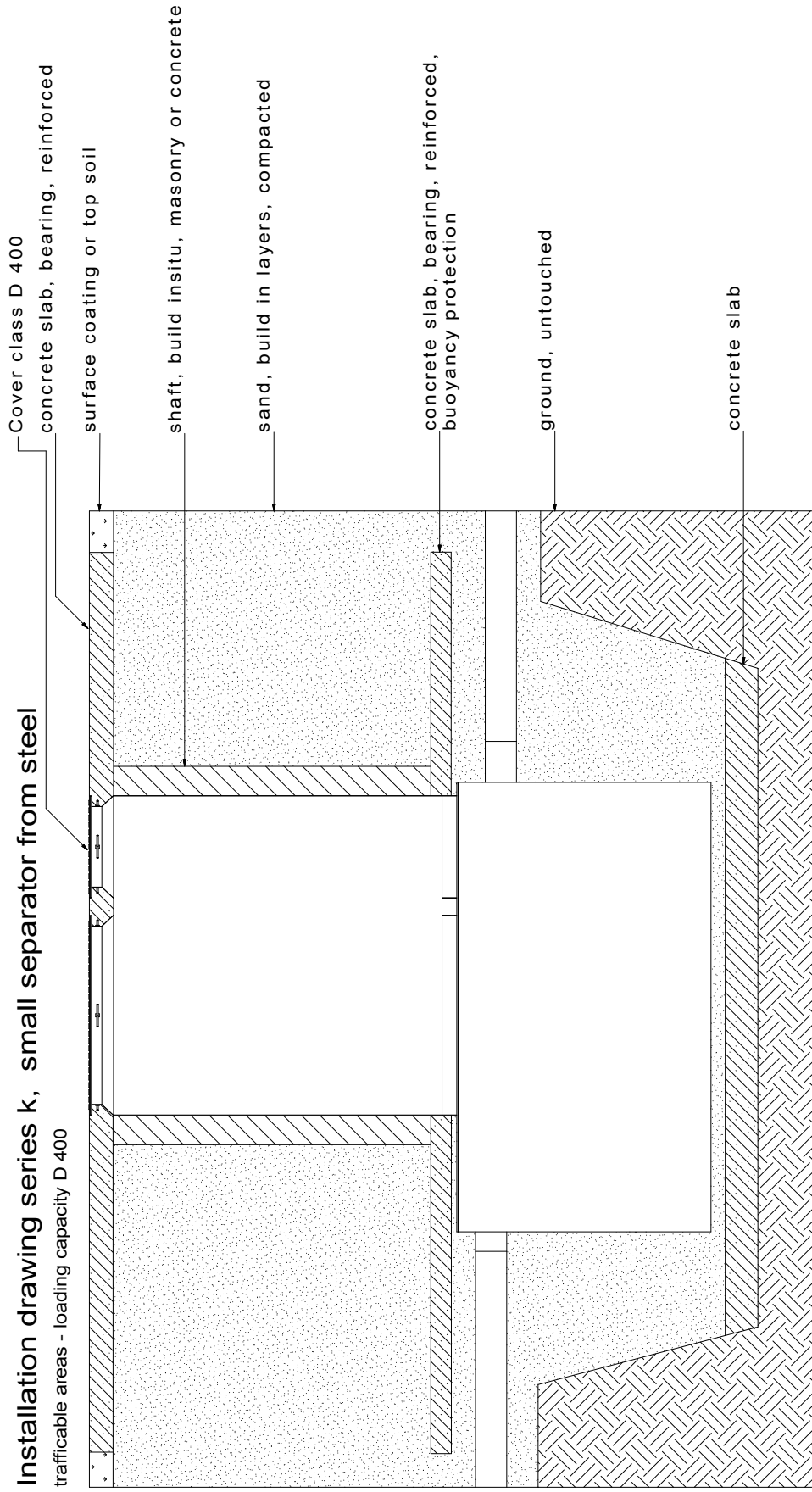
concrete slab, bearing
 ground, untouched

| | | | | |
|--|-------------------|----------|----------------|---------------------------|
| | Erstellt: Coe | 070725 | AQUAFIX | Hauraton GmbH & Co KG |
| | gezeichnet durch: | 07.07.25 | Vergrößern | Weikstrasse 13 |
| | Code | 081208 | Textänderungen | 7222 958-0 |
| | | | | 7222 958-0 |
| | | | | 7222 958-100 |
| | | | | www.hauraton.com |
| | | | | mail: export@hauraton.com |

Einbauzeichnung k Kl. D
 geringe bis mittlere Tiefe englisch

INSTALLATION DRAWING

Installation drawing series k, small separator from steel trafficable areas - loading capacity D 400



Installation at major depth.
Separator is protected against buoyancy by concrete slab on top of separator.
Separator should be filled with water during placement of sand filling continuously.

hauraton Einbauzzeichnung k Kl. D
große Tiefe englisch

| | | | |
|-------------------|--------|----------------|---------------------------|
| Erstellt: Coe | 070725 | AQUAFIX | Hauraton GmbH & Co KG |
| gezeichnet durch: | 070725 | Vergrößen | Werkstrasse 13 |
| CoE | 081208 | Textänderungen | D-76437 Haselau, O |
| | | | tel: +49 7222 958 100 |
| | | | Fax: +49 7222 958 100 |
| | | | www.hauraton.com |
| | | | mail: export@hauraton.com |

AQUAFIX® SEPARATORS

INSTALLATION INSTRUCTIONS

SEPARATORS SERIES „k“ MADE OF STEEL

OPERATION AND MAINTENANCE OF AQUAFIX® LIGHT LIQUID SEPARATORS SERIES „k“ MADE OF STEEL

□ Before start-up

1. Clean entire system and remove residual mortar, soil etc.
2. Fill sludge trap and separator with fresh water.*

Attention! Always hold float of seal in hand when filling until it can float by itself. Please ensure that water level is same in all chambers of tank, and fill in sequence!

3. Re-check joints of system for leaks.

* Sludge trap in this type of system must be filled with fresh water.

□ Operation

As well as following the maintenance guide, the entire system must comply with the following regulations

- DIN 1986 (estate drainage systems)
- EN 858 (light liquid separators)
- Local drainage regulations and other instructions

Only sewage that does not have a detrimental effect on the intended operation of the separator must be led into the system. Emulsions and solvents (cold cleaners, drilling and cutting oil, water-soluble hydrocarbons etc.) must not be allowed to enter the separator. Dispose of these materials together with the special waste. Rainwater from surfaces for which the separator was not intended and domestic sewage must not be led into the separator. With coalescence separators: Do not remove coalescence insert during operation!



Seal description and maintenance

1. Description: The separator outlet is equipped with a seal. When the float drops into the light liquid layer a sealing washer is pressed against the bottom end of the outlet. When filling the system with fresh water, hold float in an elevated position by hand until it can float by itself.
2. Maintenance: **Important!** The seal must be held in an elevated position by hand by pulling the float until the maximum water level is reached. Do not release float until it is floating in water, therefore releasing the seal!

Keep these instructions in close proximity to the separator!

□ Disposal

Separator must be drained at least every six months, but should not be allowed to fill to more than 85% of its storage capacity. Cleaning must occur more often if the storage capacity of the separator or sludge trap is exceeded. Operation must not be interrupted. All separated material must be drained, cleaned and taken away for disposal by an approved disposal company.

Please empty the separator and the sludge trap of this type of system at the same time if possible.

First extract the oil layer from the system and then the layer of water beneath it, into separate tanks if possible. Clean float and seal every time the system is emptied and check operation thereof.

With coalescence separators: If the coalescence material is soiled, remove coalescence material, clean above sludge trap, give damaged coalescence material to disposal company and replace with new material. Replace coalescence material. Re-fill system with fresh water whenever it is emptied and cleaned.

Attention! Always hold float of seal by hand until it is floating when filling the system. Use mobile ladder when entering the system. Extract air/vapour mixture beforehand. Take the relevant safety precautions! Follow the accident prevention regulations!



□ Maintenance

Separator must be serviced at least every 6 months. System must be emptied to do this. Carefully check that all system components are in good working order and undamaged. Then fill separator and sludge trap with water*, hold seal open by hand or insert later.

* Sludge trap of this type of system must be filled with fresh water.

It is extremely important to follow the accident prevention regulations! Keep these instructions in close proximity to the separator!

Coalescence insert description and maintenance guide

1. Description: The coalescence insert consists of lamellar material that is in the coalescence chamber.
2. Maintenance The coalescence material must be checked monthly for soiling. If it cannot be rinsed back easily it must be removed and cleaned. Replace material with new material if necessary. Do not remove coalescence material during operation!

OPERATION AND MAINTENANCE OF STEEL AQUAFIX GREASE SEPARATORS

□ Before start-up

Clean entire system and remove any residual mortar, soil etc. if necessary. Fill entire system with fresh water. Check joints of system for leaks.

□ Operation

As well as the maintenance guide, the following instructions must be followed for the entire system:

- DIN 4040 (grease separation systems)
 - DIN 1986 (estate drainage systems)
 - Local water removal regulations and other instructions
- Only sewage that does not have a detrimental effect on the intended operation of the separator must be led to the separator. It is particularly important to prevent domestic sewage and light mineral liquids from entering the separator. Do not allow rainwater to enter the system.
- Keep these instructions in close proximity to the separator!**

□ Disposal

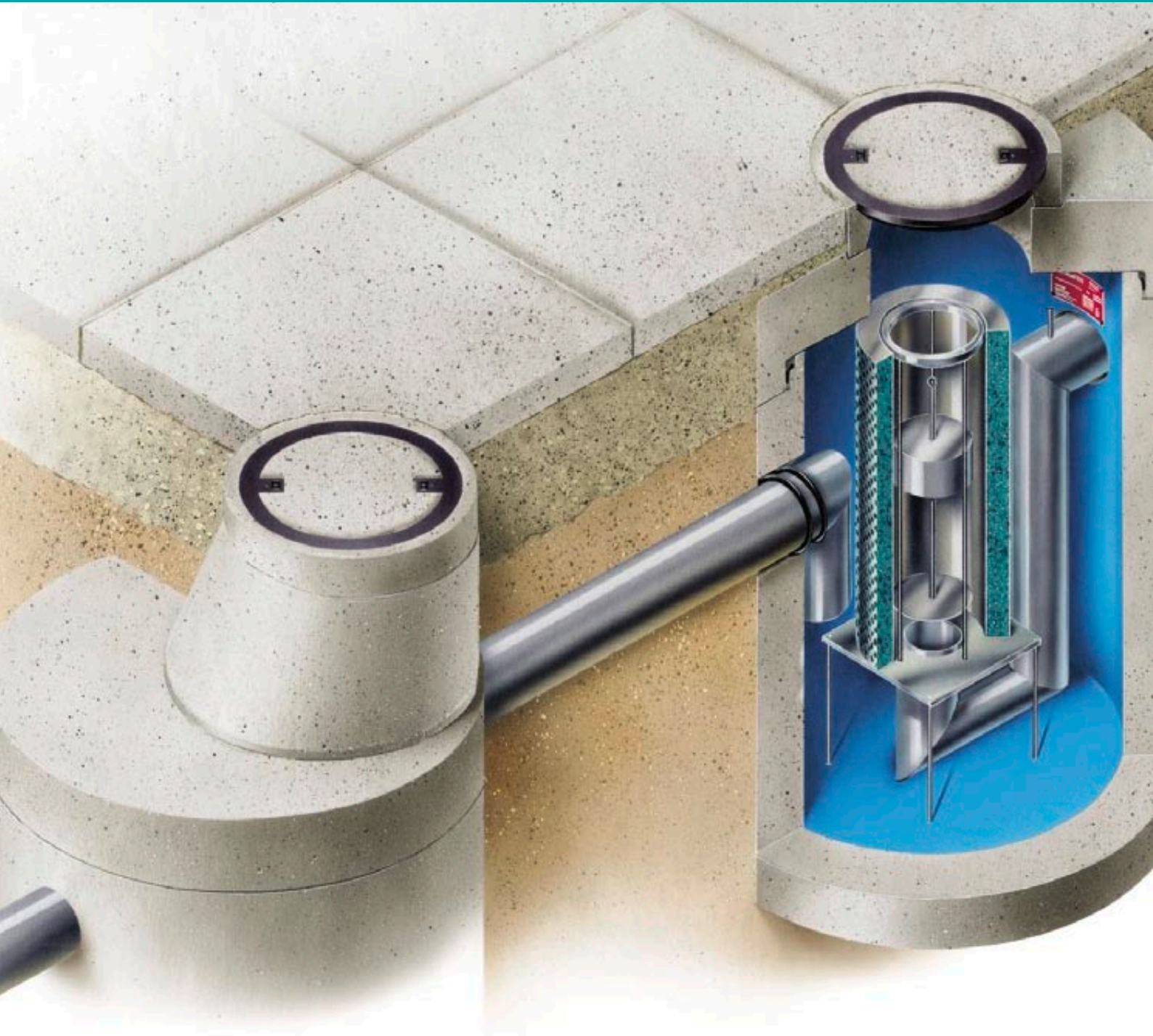
1. Grease separators must be cleaned at least once per month, possibly more frequently. Cleaning must take place more frequently if the separator or sludge trap storage capacity is exceeded. The operation of the separator must not be affected.
2. Have all separated material drained, cleaned and taken away by an approved disposal company.
3. Fill entire system with fresh water after it has been emptied and drained.
4. Use mobile ladders when entering the system. Extract vapour/air mixture beforehand. Pay attention to accident prevention regulations!

□ Maintenance

The separator must be serviced at least once per month. The system must be drained and cleaned in order to do this. Carefully check that all system components are in good working order and undamaged. Then refill system with fresh water. It is extremely important to observe the accident prevention regulations!

AQUAFIX® SEPARATORS

SERIES MADE OF CONCRETE
SOLID CONSTRUCTIONS FOR HEAVY DUTY.





AT A GLANCE:

- ✓ High quality concrete
- ✓ Strong wall thickness
- ✓ Conforms to standards - even down to the details

AQUAFIX[®] SEPARATORS

SERIES MADE OF CONCRETE

SOLID CONSTRUCTIONS FOR HEAVY DUTY.

FEATURES

- high grade reinforced concrete C35/45 in accordance with Eurocode EC 206, DIN 1045 and 4281, wall thickness at least 120 mm
- coating consisting of three layers of epoxy resin resistant to light liquids and fatty acids
- conform to European standards EN 858 and 1825



AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

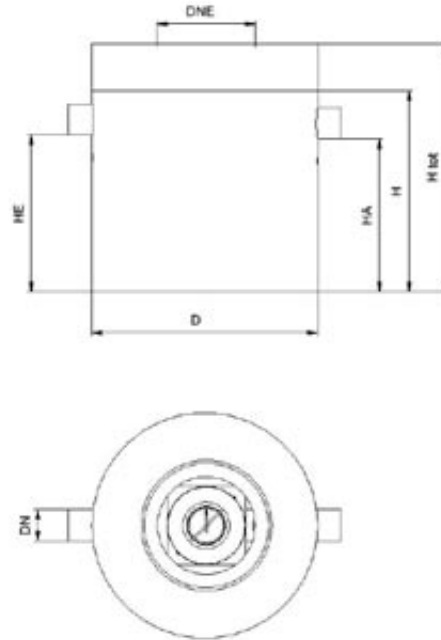
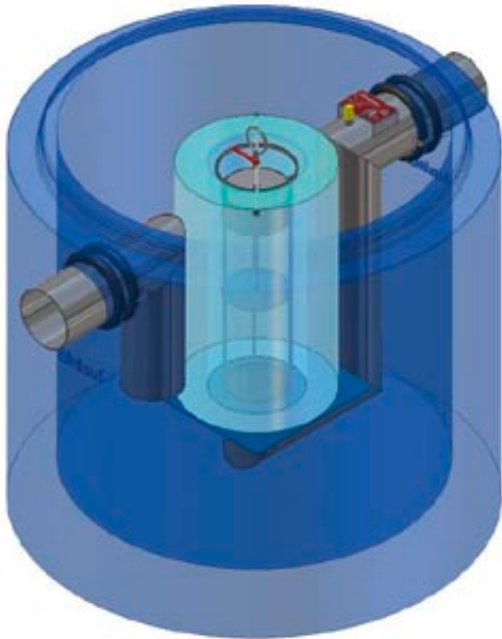
AQUAFIX® „10 PE“

AQUAFIX® „PP“

**INSTALLATION
INSTRUCTIONS**

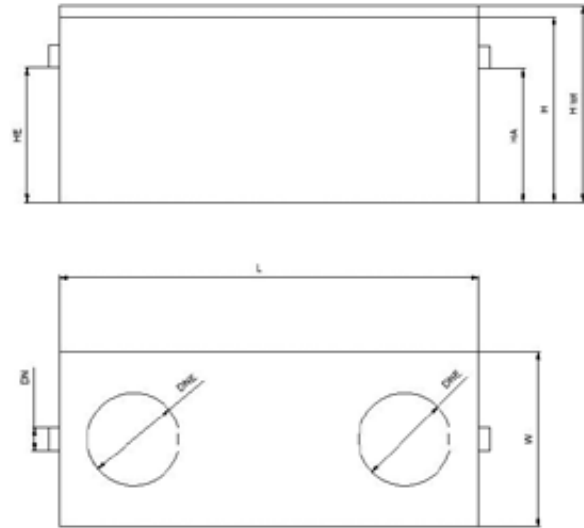
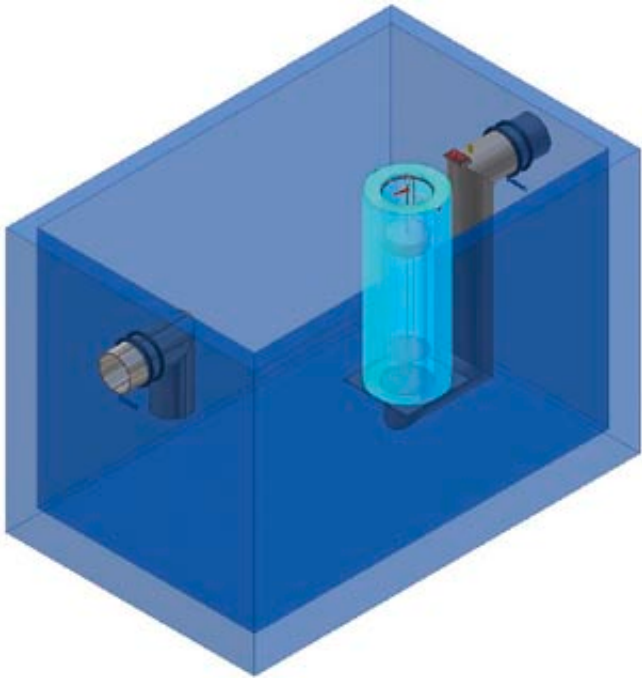
AQUAFIX® Separators from concrete - Series P

AQUAFIX® - K Coalescence separator



| | Length mm | Width mm | Height mm | max. \varnothing Flow l/s | Seperator mm | sludge trap capacity l | seperator capacity l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capacity l | Item No. |
|------|--------------|-------------|--------------|-----------------------------------|-----------------|---------------------------------|----------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|--------------------------|-------------|
| K 03 | 1300 | 1300 | 1085 | 3 | 1000 | - | 530 | 110 | 900 | 875 | 625 | - | 2160,0 | 154 | 103030P |
| K 06 | 1300 | 1300 | 1085 | 6 | 1000 | - | 530 | 110 | 900 | 875 | 625 | - | 2160,0 | 154 | 103060P |
| K 10 | 1300 | 1300 | 1085 | 10 | 1000 | - | 530 | 150 | 845 | 820 | 625 | - | 2160,0 | 162 | 103100P |
| K 15 | 1500 | 1500 | 1285 | 15 | 1200 | - | 930 | 200 | 1000 | 975 | 625 | - | 3360,0 | 246 | 103150P |
| K 20 | 1800 | 1800 | 1285 | 20 | 1500 | - | 1450 | 200 | 1000 | 975 | 625 | - | 4470,0 | 332 | 103200P |
| K 30 | 2300 | 2300 | 1535 | 30 | 2000 | - | 3220 | 250 | 1200 | 1175 | 800 | - | 7360,0 | 628 | 103300P |
| K 40 | 2740 | 2740 | 2035 | 40 | 2500 | - | 7480 | 250 | 1675 | 1650 | 800 | - | 10200,0 | 996 | 103400P |
| K 50 | 2740 | 2740 | 2035 | 50 | 2500 | - | 8460 | 250 | 1900 | 1875 | 800 | - | 10300,0 | 986 | 103500P |

AQUAFIX® - K Coalescence separator - rectangular shape



| | Length mm | Width mm | Height mm | max. ϕ Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capa- city l | Item No. |
|--|--------------|-------------|--------------|----------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
|--|--------------|-------------|--------------|----------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|

| | | | | | | | | | | | | | | | |
|----------------------|------|------|------|-----|---|---|-------|-----|------|------|------|------|---------|------|--------|
| K 060 rectangular | 3660 | 2360 | 2500 | 60 | - | - | 11075 | 300 | 1820 | 1800 | 1000 | 1000 | 17421,0 | 2075 | 178060 |
| K 080 rectangular | 4910 | 2360 | 2500 | 80 | - | - | 15005 | 300 | 1820 | 1800 | 1000 | 1000 | 22112,0 | 2850 | 178080 |
| K 100 rectangular | 5660 | 2360 | 2500 | 100 | - | - | 17446 | 300 | 1820 | 1800 | 1000 | 1000 | 24926,0 | 3314 | 178100 |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

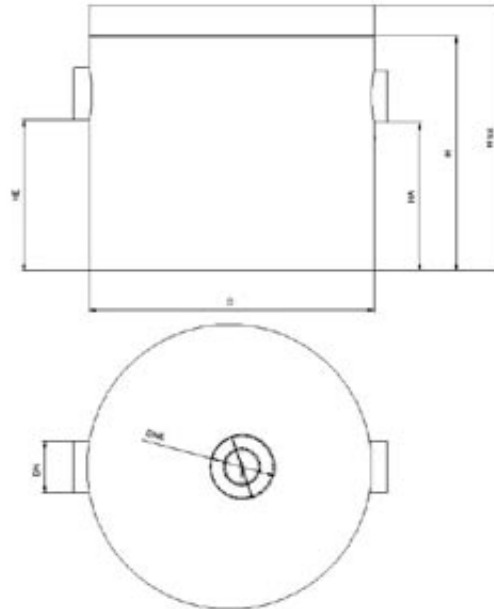
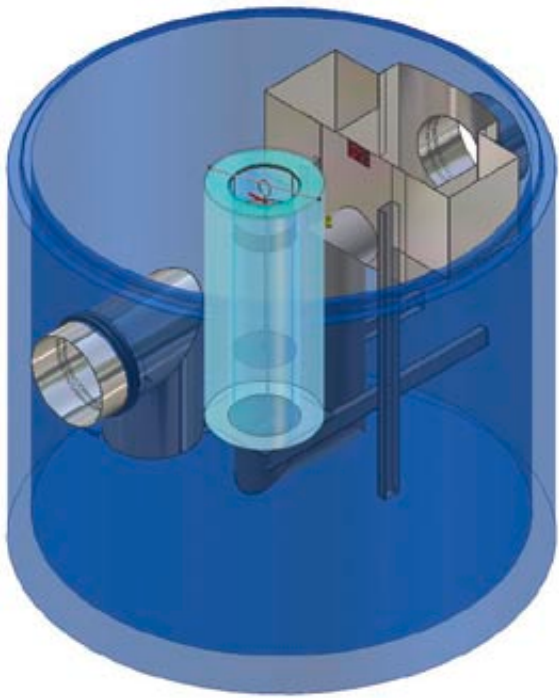
AQUAFIX® „10 PE“

AQUAFIX® „PP“

INSTALLATION
INSTRUCTIONS

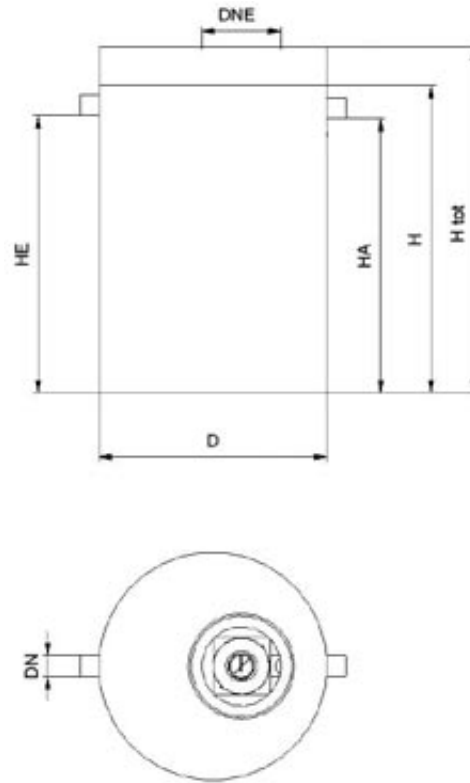
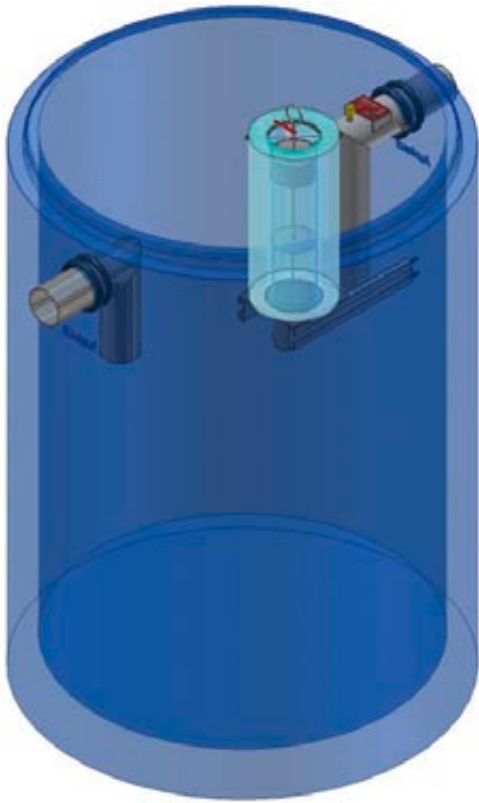
AQUAFIX® Separators from concrete - Series P

AQUAFIX® - K2BP Coalescence separator with double-bypass



| | Length mm | Width mm | Height mm | max. ϕ Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capa- city l | Item No. |
|-----------------|--------------|-------------|--------------|----------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
| K2BP 20/0200 | 2740 | 2740 | 2000 | 200 | 2500 | - | 5450 | 500 | 1430 | 1275 | 625 | - | 7100,0 | 1227 | 174020P |
| K2BP 40/0400 | 2740 | 2740 | 2250 | 400 | 2500 | - | 6185 | 600 | 1600 | 1425 | 625 | - | 7200,0 | 1227 | 174040P |
| K2BP 60/0600 | 2740 | 2740 | 2500 | 600 | 2500 | - | 6920 | 800 | 1750 | 1575 | 625 | - | 7900,0 | 1227 | 174060P |

AQUAFIX® - SK Coalescence separator with sludge trap



| | Length mm | Width mm | Height mm | max. \varnothing Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capa- city l | Item No. |
|--|--------------|-------------|--------------|-----------------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
|--|--------------|-------------|--------------|-----------------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|

| | | | | | | | | | | | | | | | |
|---------------|------|------|------|----|------|------|------|-----|------|------|-----|---|--------|------|--------|
| SK 04/0600 | 1300 | 1300 | 2000 | 4 | 1000 | 628 | 608 | 150 | 1720 | 1695 | 625 | - | 2850,0 | 132 | 176043 |
| SK 06-10/2500 | 1800 | 1800 | 2500 | 10 | 1500 | 2473 | 1104 | 150 | 2195 | 2170 | 625 | - | 5380,0 | 364 | 176105 |
| SK 06-10/5000 | 2740 | 2740 | 2200 | 10 | 2500 | 4906 | 3557 | 150 | 1895 | 1870 | 625 | - | 7830,0 | 1011 | 176107 |
| SK 15/3000 | 2740 | 2740 | 2200 | 15 | 2500 | 2944 | 5029 | 200 | 1875 | 1800 | 625 | - | 7450,0 | 1011 | 176155 |
| SK 15/5000 | 2740 | 2740 | 2500 | 15 | 2500 | 4906 | 4538 | 200 | 2125 | 2100 | 625 | - | 9410,0 | 1011 | 176157 |
| SK 20/4000 | 2740 | 2740 | 2500 | 20 | 2500 | 3925 | 5520 | 200 | 2125 | 2100 | 625 | - | 9410,0 | 1070 | 176204 |
| SK 30/5000 | 2740 | 2740 | 2200 | 30 | 2500 | 2944 | 5029 | 250 | 1800 | 1775 | 800 | - | 6688,0 | 1079 | 176305 |
| SK 40/4000 | 2740 | 2740 | 2750 | 40 | 2500 | 3925 | 6746 | 250 | 2350 | 2325 | 800 | - | 7368,0 | 1104 | 176406 |
| SK 50/3000 | 2740 | 2740 | 2750 | 50 | 2500 | 2944 | 7727 | 250 | 2350 | 2325 | 800 | - | 7376,0 | 1128 | 176505 |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

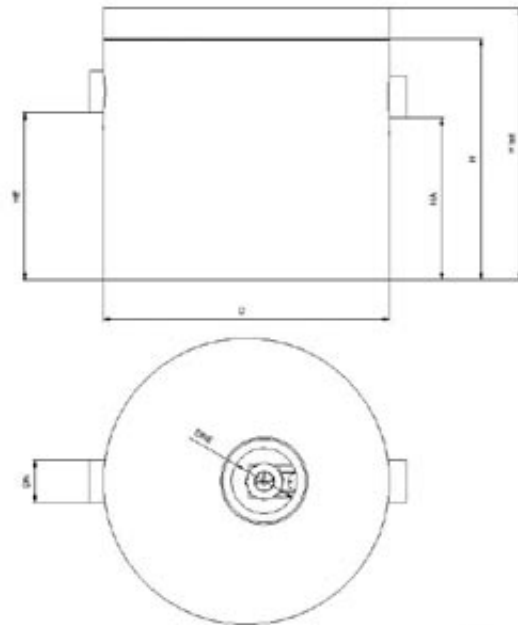
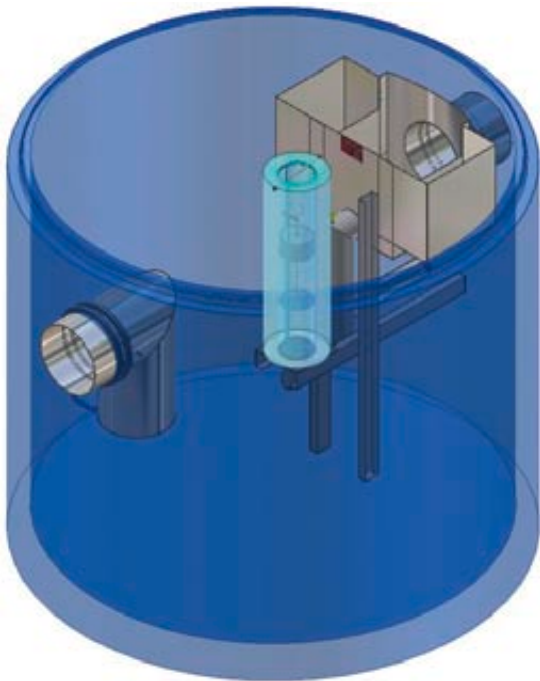
AQUAFIX® „10 PE“

AQUAFIX® „PP“

INSTALLATION
INSTRUCTIONS

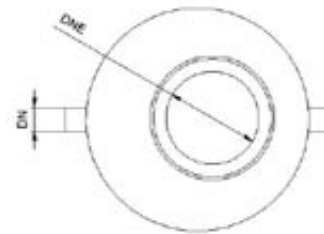
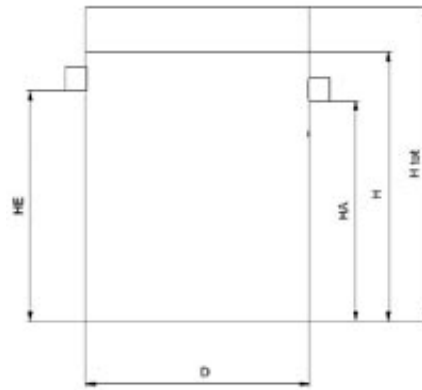
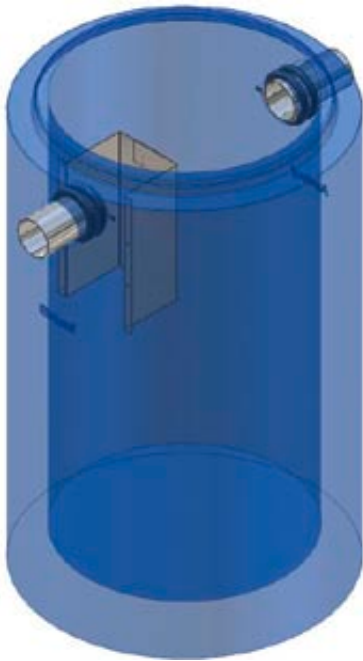
AQUAFIX® Separators from concrete - Series P

AQUAFIX® - SK2BP Coalescence separator with sludge trap and double-bypass



| | Length mm | Width mm | Height mm | max. ϕ Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capa- city l | Item No. |
|------------------|--------------|-------------|--------------|----------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
| S2KBP 10/0100 | 2740 | 2740 | 2540 | 100 | 2500 | 3300 | 3595 | 400 | 1625 | 1550 | 625 | - | 7200,0 | 1011 | 175010P |
| SK2BP 15/0150 | 2740 | 2740 | 2735 | 150 | 2500 | 3300 | 4540 | 400 | 1870 | 1750 | 625 | - | 7900,0 | 1227 | 175015P |

AQUAFIX® - S Sludge trap



| | Length mm | Width mm | Height mm | max. ϕ Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE mm | H mm | HA mm | H mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capa- city l | Item No. |
|--|--------------|-------------|--------------|----------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|----------|---------|----------|---------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
|--|--------------|-------------|--------------|----------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|----------|---------|----------|---------|-----------------------|-----------------------|--------------|-------------------------------|-------------|

| | | | | | | | | | | | | | | | | | |
|------------|------|------|------|---|------|-------|---|-----|------|------|---|---|---|---|---------|---|---------|
| S 0650/03 | 1300 | 1300 | 1550 | - | 1000 | 650 | - | 100 | 1275 | 1225 | - | - | - | - | 2610,0 | - | 101043P |
| S 1300/03 | 1500 | 1500 | 1625 | - | 1200 | 1300 | - | 100 | 1350 | 1300 | - | - | - | - | 3350,0 | - | 101064P |
| S 2500/10 | 1800 | 1800 | 1920 | - | 1500 | 2500 | - | 150 | 1620 | 1570 | - | - | - | - | 4940,0 | - | 101105P |
| S 3500/10 | 2300 | 2300 | 1500 | - | 2000 | 3500 | - | 150 | 1200 | 1150 | - | - | - | - | 5860,0 | - | 101106P |
| S 5000/10 | 2500 | 2500 | 2000 | - | 2000 | 5000 | - | 150 | 1700 | 1650 | - | - | - | - | 7830,0 | - | 101107P |
| S 7500/10 | 2800 | 2800 | 2170 | - | 2500 | 7500 | - | 150 | 1870 | 1820 | - | - | - | - | 9930,0 | - | 101108P |
| S 10000/10 | 2800 | 2800 | 2800 | - | 2500 | 10000 | - | 150 | 2500 | 2450 | - | - | - | - | 11890,0 | - | 101109P |
| S 2500/20 | 1800 | 1800 | 1920 | - | 1500 | 2500 | - | 200 | 1570 | 1520 | - | - | - | - | 4940,0 | - | 101205P |
| S 5000/20 | 2500 | 2500 | 2000 | - | 2000 | 5000 | - | 200 | 1650 | 1600 | - | - | - | - | 7830,0 | - | 101207P |
| S 8000/20 | 2800 | 2800 | 2250 | - | 2500 | 8000 | - | 200 | 1900 | 1850 | - | - | - | - | 9930,0 | - | 101208P |
| S 10000/20 | 2800 | 2800 | 2750 | - | 2500 | 10000 | - | 200 | 2400 | 2350 | - | - | - | - | 11890,0 | - | 101209P |
| S 5000/30 | 2500 | 2500 | 2000 | - | 2000 | 5000 | - | 250 | 1600 | 1550 | - | - | - | - | 5290,0 | - | 101307P |
| S 7500/30 | 2800 | 2800 | 2170 | - | 2500 | 7500 | - | 250 | 1770 | 1720 | - | - | - | - | 9930,0 | - | 101308P |
| S 10000/30 | 2800 | 2800 | 2800 | - | 2500 | 10000 | - | 250 | 2400 | 2350 | - | - | - | - | 11890,0 | - | 101309P |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „k“

AQUAFIX® CONCRETE

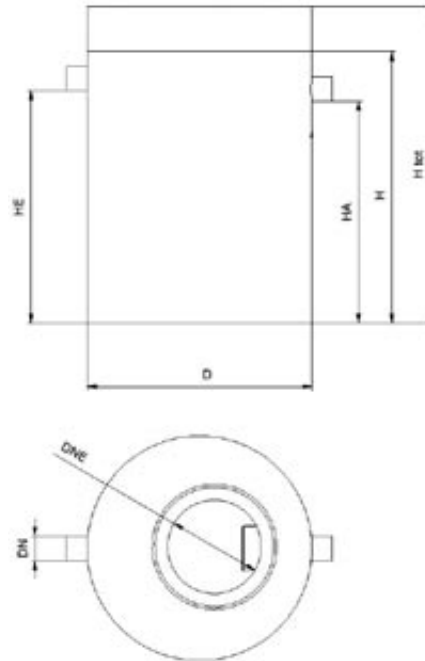
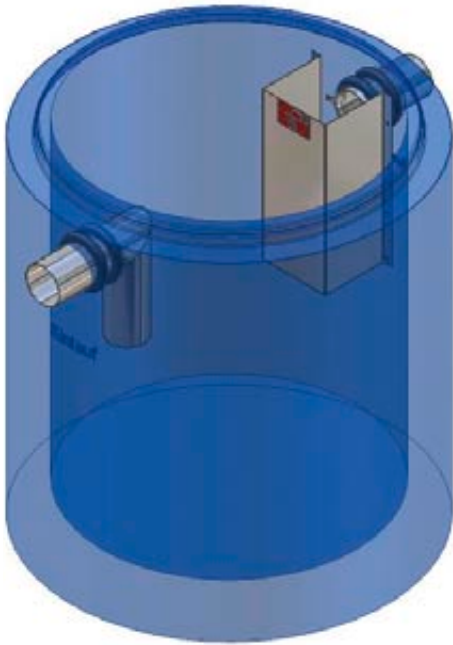
AQUAFIX® „10 PE“

AQUAFIX® „PP“

INSTALLATION
INSTRUCTIONS

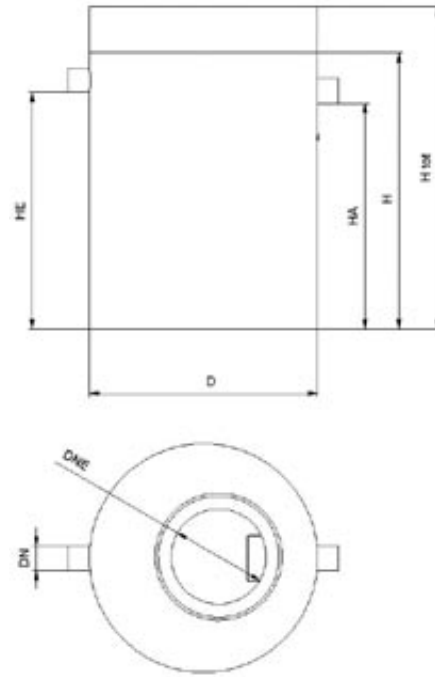
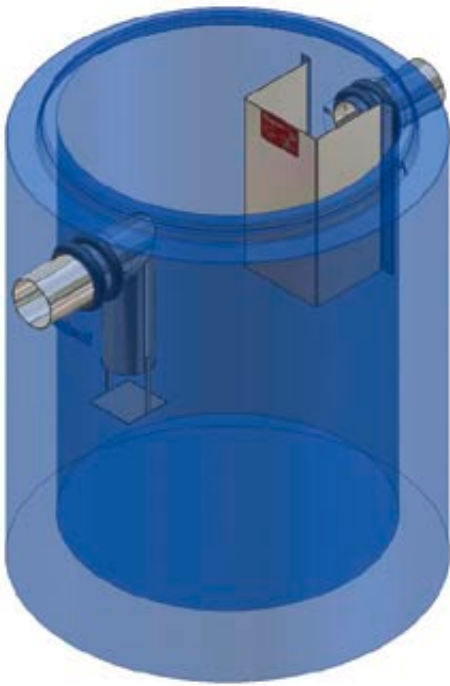
AQUAFIX® Separators from concrete - Series P

AQUAFIX® - F Grease separator



| | Length mm | Width mm | Height mm | max. \varnothing Flow l/s | Seperator mm | sludge trap capacity l | seperator capacity l | DN in/ outlet mm | HE inlet mm | H outlet mm | HA outlet mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capa- city l | Item No. |
|---------|--------------|-------------|--------------|--------------------------------|-----------------|------------------------------|----------------------------|------------------------|-------------------|-------------------|--------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
| F 04 | 1500 | 1500 | 1560 | 4 | 1200 | - | 1300 | 150 | 1375 | 1350 | - | - | - | 2620,0 | 238 | 108040 |
| F 07 | 1800 | 1800 | 1560 | 7 | 1500 | - | 1811 | 150 | 1200 | 1175 | - | - | - | 4125,0 | 397 | 108070 |
| F 10 | 2300 | 2300 | 1360 | 10 | 2000 | - | 2592 | 150 | 1270 | 1245 | - | - | - | 5370,0 | 741 | 108100 |
| F 15/20 | 2740 | 2500 | 1800 | 20 | 2500 | - | 6259 | 200 | 1450 | 1425 | - | - | - | 8765,0 | 1139 | 108150 |

AQUAFIX® - SF Grease separator with sludge trap



| | Length mm | Width mm | Height mm | max. ϕ Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capa- city l | Item No. |
|--|--------------|-------------|--------------|----------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
|--|--------------|-------------|--------------|----------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|

| | | | | | | | | | | | | | | | |
|------------|------|------|------|----|------|------|------|-----|------|------|-----|---|--------|-----|--------|
| SF 04/0400 | 1300 | 1300 | 1500 | 4 | 1000 | 400 | 385 | 150 | 1220 | 1195 | 625 | - | 1696,0 | 157 | 178042 |
| SF 04/0800 | 1300 | 1300 | 2000 | 4 | 1000 | 800 | 385 | 150 | 1730 | 1705 | 625 | - | 2012,0 | 157 | 178043 |
| SF 10/1000 | 1800 | 1800 | 1700 | 10 | 1500 | 1007 | 1096 | 150 | 1420 | 1395 | 625 | - | 3201,0 | 353 | 178104 |
| SK 10/2000 | 1800 | 1800 | 2300 | 10 | 1500 | 2015 | 1096 | 150 | 2030 | 2005 | 625 | - | 3757,0 | 353 | 178105 |
| SF 20/2000 | 2300 | 2300 | 2000 | 20 | 2000 | 2010 | 2262 | 200 | 1650 | 1625 | 625 | - | 5291,0 | 628 | 178205 |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

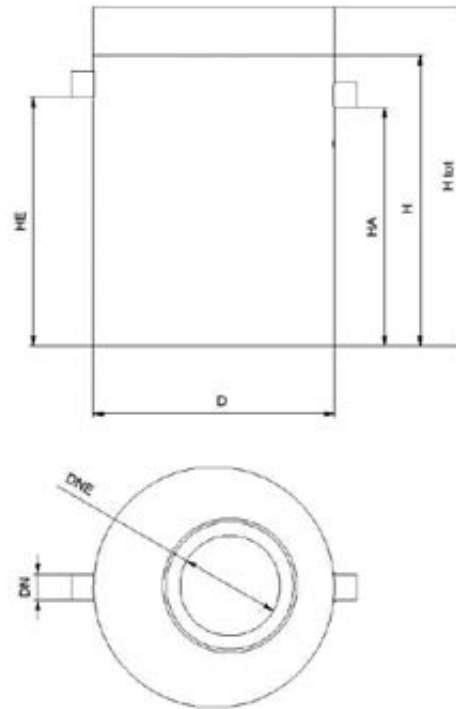
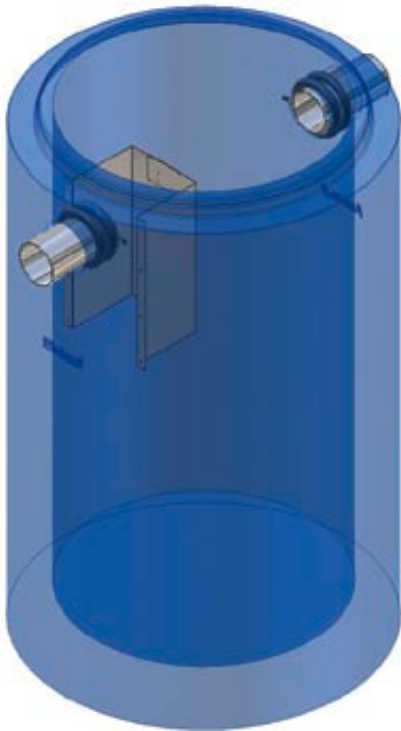
AQUAFIX® „10 PE“

AQUAFIX® „PP“

INSTALLATION
INSTRUCTIONS

AQUAFIX® Separators from concrete - Series P

AQUAFIX® - Sf Sludge trap for grease



| | Length mm | Width mm | Height mm | max. \varnothing Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capa- city l | Item No. |
|-----------------------|--------------|-------------|--------------|-----------------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
| Sf 800 l for F 04 | 1300 | 1300 | 1550 | 4 | 1000 | 800 | - | 150 | 1250 | 1200 | - | - | 1678,0 | - | 107043P |
| Sf 700 l for F 07 | 1300 | 1300 | 1550 | 7 | 1000 | 700 | - | 150 | 1250 | 1200 | - | - | 1678,0 | - | 107073P |
| Sf 1400 l for F 07 | 1500 | 1500 | 1625 | 7 | 1200 | 1400 | - | 150 | 1325 | 1275 | - | - | 2219,0 | - | 107074P |
| Sf 2500 l for F 10 | 1800 | 1800 | 1920 | 10 | 1500 | 2500 | - | 150 | 1620 | 1570 | - | - | 3336,0 | - | 107104P |
| Sf 2500 l for F 20 | 1800 | 1800 | 1920 | 20 | 1500 | 2500 | - | 200 | 1570 | 1520 | - | - | 3336,0 | - | 107205P |

1

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

AQUAFIX® „10 PE“

AQUAFIX® „PP“

**INSTALLATION
INSTRUCTIONS**

AQUAFIX® SEPARATORS

INSTALLATION INSTRUCTIONS

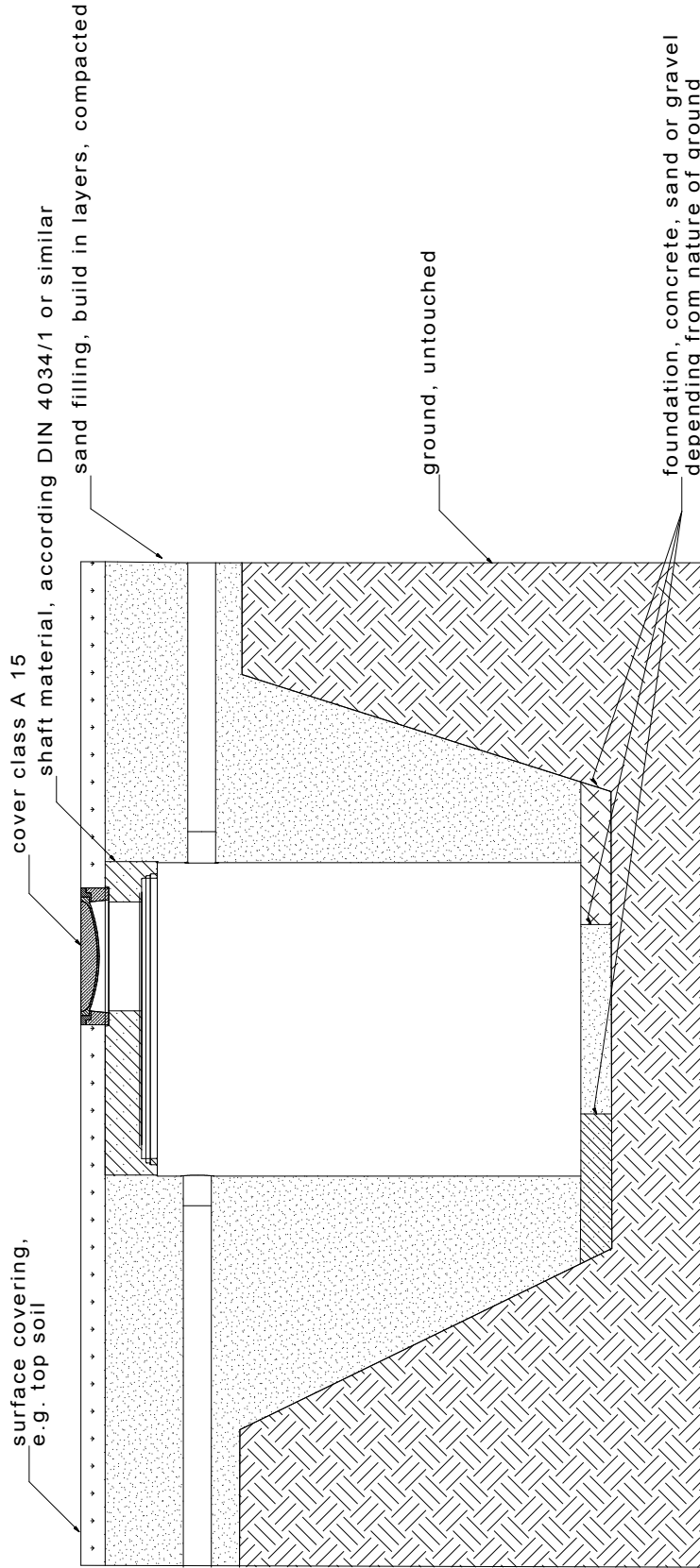
SEPARATORS SERIES MADE OF CONCRETE (H/P/C)

INSTALLATION ADVISES FOR AQUAFIX® SEPARATORS SERIES MADE OF CONCRETE (H/P/C)

1. Please check completeness of delivery. Note any missing parts or transit damage that has occurred on the delivery note immediately. Complaints that are received later will not be entertained. Otherwise our general terms and conditions apply.
 2. The separator system must be installed in a location outside the washing areas where it will not overflow or back up, as close as possible to the location where the waste water occurs. It must also be in the open, frost-free and easily accessible for cleaning vehicles. The drains and pipes must be able to drain until empty.
 3. The base of the excavation must be level. If no suitable soil is available, create a 10 cm thick bed of sand and fine gravel and compress. If the ground is non-load bearing, make a statically measured foundation slab. Put a 10 cm compensation layer of sand onto the foundation slab.
 4. Take thickness of foundation and compensation layer into consideration during height measurements. Pay attention to height information in installation drawing.
 5. The tanks must be installed in a level position.
- Do not confuse the inlet with the outlet! Adhere to order of tanks! Maintain slope! Recommended total incline of system 2 - 5%!**
6. Install system so that top edge is higher than final admission point.
 7. Manual transport on side can be done easily with steel bars which can be put through the holes of the outer stop rings.
 8. Arrange maintenance shaft at outlet side such that all separator areas are accessible and the floats and the coalescence insert can be removed if necessary.
 9. Ensure that the seals are correctly seated! Please use an adequate quantity of antiseize agent. It is advisable to offset the relative positions of the shaft elements in mortar or using hose bearings.
 10. The distance between the individual elements should be 60 - 100 cm.
 11. Ensure that pipelines are connected without leaks.
 12. Fill all tanks with fresh water before filling and check for leaks. **This leak test is mandatory!**
 13. Do not alter positions of tanks and lines when filling and compressing with sand. Please pay attention to the provided drawing.
 14. When all tanks, covering plates, tops and covers and connecting pipes have been correctly located, **the system must be cleaned.**
 15. When filling light liquid separators with fresh water, hold float in raised position until it can float independently.
- Report start-up to the responsible authority. Pay attention to accident prevention regulations during installation!**

INSTALLATION DRAWING

Installation drawing separator from concrete walkable areas - loading capacity A 15



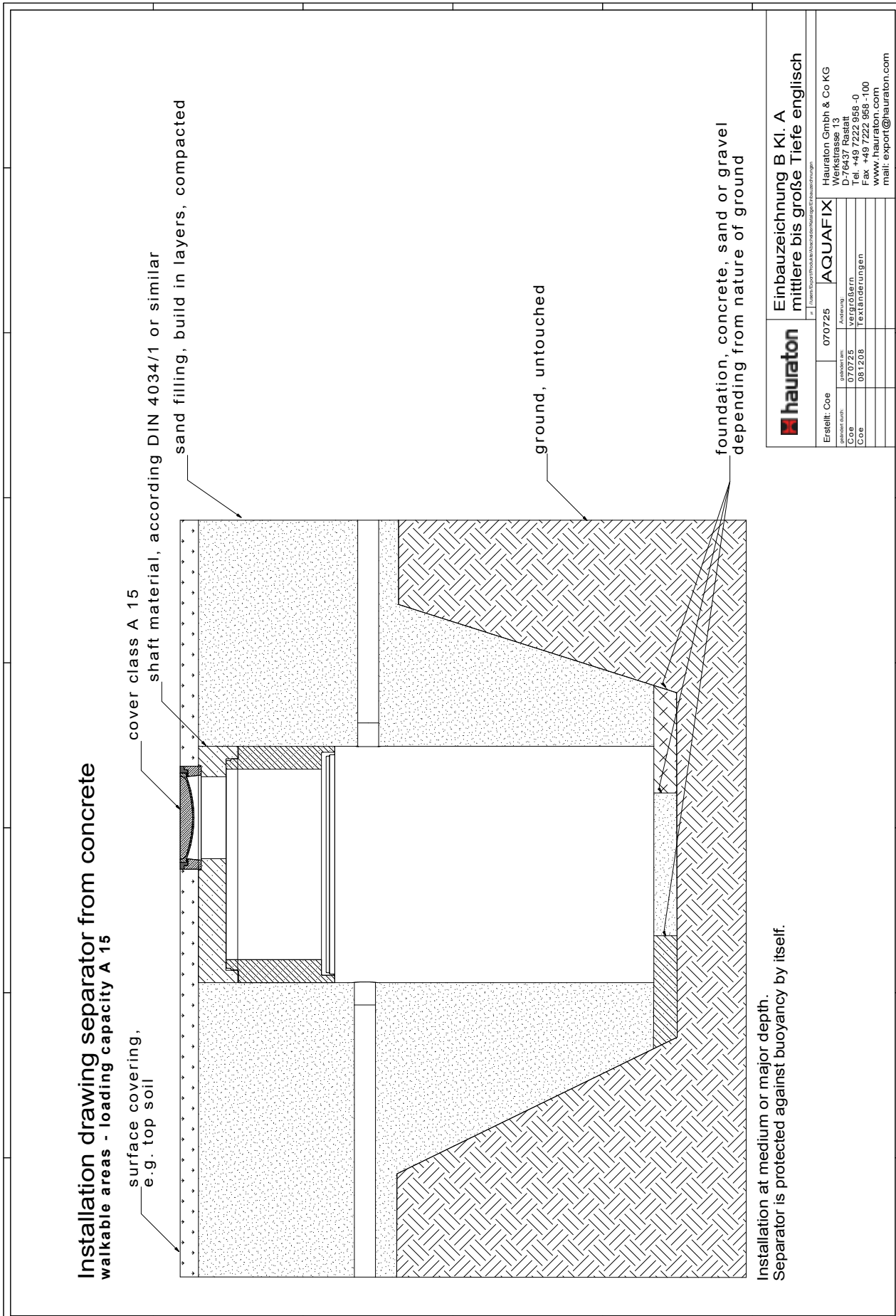
Installation at minor depth.
Separator is protected against buoyancy by itself.



Einbauzeichnung B Kl. A
geringe Tiefe englisch

| | | |
|--|----------|----------------|
| Hauraton GmbH & Co KG Werksrasse 13 40734 Hauraton Tel. +49 7222 958-0 Fax +49 7222 958-100 www.hauraton.com mail: export@hauraton.com | | |
| Erstellt: Coo | 070725 | AQUAFIX |
| gezeichnet: Coo | | |
| gezeichnet am: | | |
| Coo | 07.07.25 | vergrößern |
| Coo | 08.12.08 | Textänderungen |

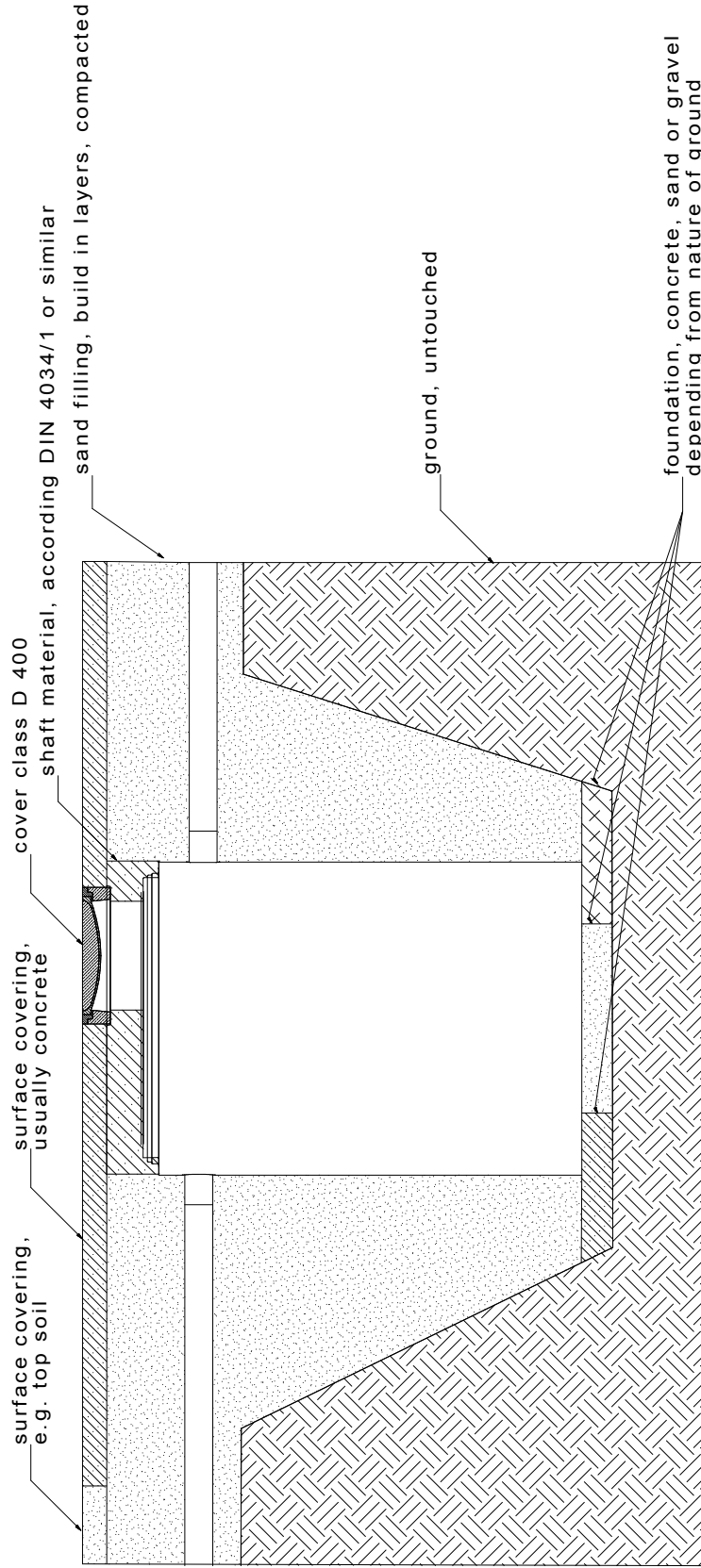
INSTALLATION DRAWING



| | | |
|-----------------|---|----------------|
| hauraton | Einbauzeichnung B Kl. A mittlere bis große Tiefe englisch | |
| | Hauraton GmbH & Co KG Werktstraße 13 D-70439 Stuttgart Tel. +49 7141 7222 958-0 Fax +49 7222 958-100 www.hauraton.com mail: export@hauraton.com | |
| Erstellt: Coe | 070725 | AQUAFIX |
| gezeichnet von: | 07.07.25 | vergrößern |
| Coe | 08.12.08 | Textänderungen |

INSTALLATION DRAWING

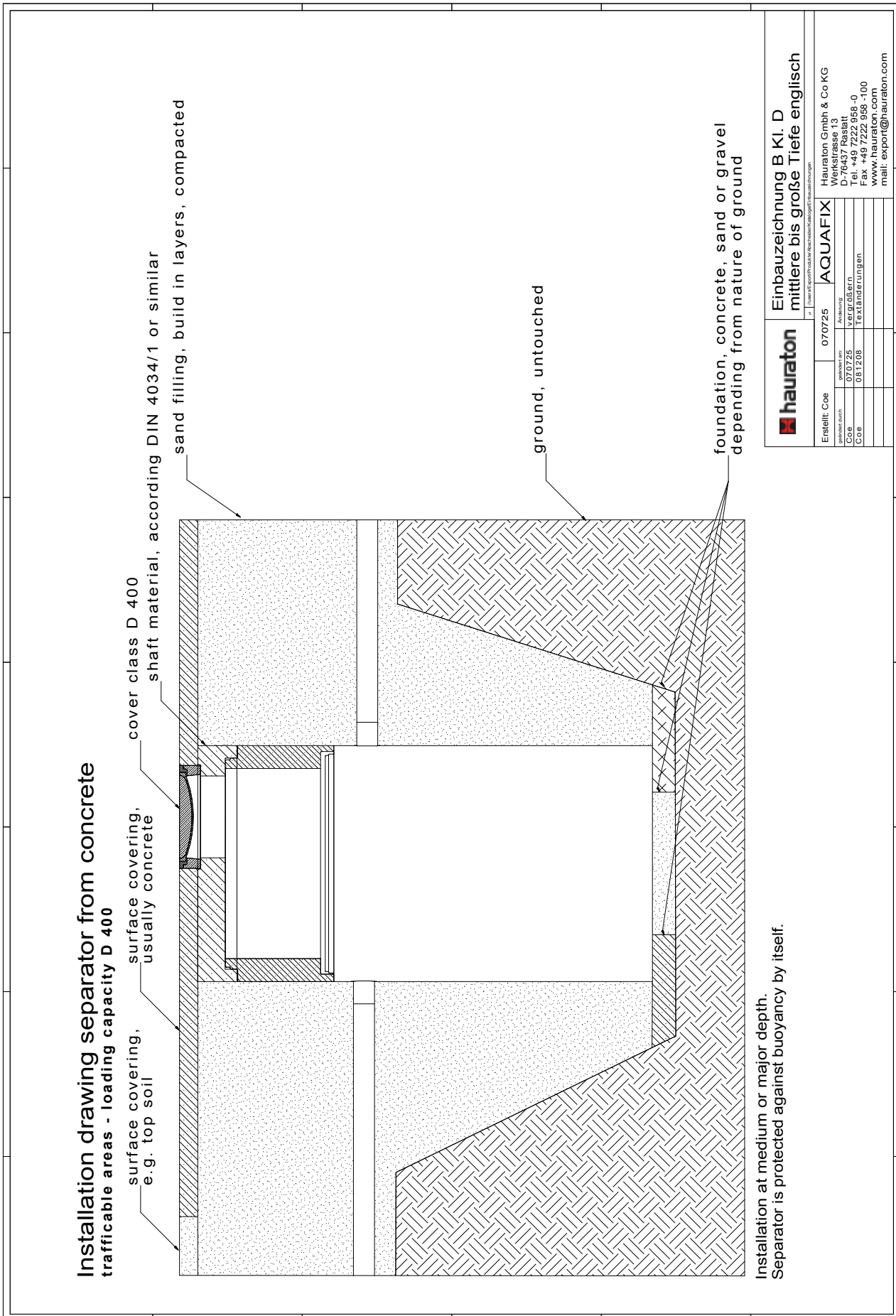
Installation drawing separator from concrete trafficable areas - loading capacity D 400



Installation at medium or major depth.
Separator is protected against buoyancy by itself.

| | | | |
|--|----------|--|---------------------------|
| hauraton | | Einbauzeichnung B Kl. D geringe bis mittlere Tiefe englisch | |
| <small>Einbauzeichnung B Kl. D geringe bis mittlere Tiefe englisch</small> | | | |
| Erstellt: Cee | 070725 | AQUAFIX | Hauraton GmbH & Co KG |
| gezeichnet: Cee | 07.07.25 | vergrößern | Weikstrasse 13 |
| Cee | 081208 | Textänderungen | 49722 958-0 |
| | | | Telefon +49 7222 958-0 |
| | | | Fax +49 7222 958-100 |
| | | | www.hauraton.com |
| | | | mail: export@hauraton.com |

INSTALLATION DRAWING



| | | | | |
|-----------------|----------------|-----------|----------------|--|
| hauraton | Erstellt: Code | 070725 | AQUAFIX | Hauraton GmbH & Co KG |
| | geändert am: | Anzahlung | | Wolfgangstraße 10 D-76437 Reutlingen |
| | Code | 070725 | Vergrößern | Tel +49 7222 958-0 |
| | Code | 081208 | Textänderungen | Fax +49 7222 958-100 |
| | | | | www.hauraton.com |
| | | | | mail: export@hauraton.com |

Einbauzeichnung B Kl. D
 mittlere bis große Tiefe englisch

| | | | | | |
|-------------------------------------|----------------------|-------------------------|--------------------------|---------------------------|---------------------------|
| INSTALLATION INSTRUCTIONS | AQUAFIX® „PP“ | AQUAFIX® „10 PE“ | AQUAFIX® CONCRETE | AQUAFIX® STEEL „k“ | AQUAFIX® STEEL „G“ |
|-------------------------------------|----------------------|-------------------------|--------------------------|---------------------------|---------------------------|

AQUAFIX® SEPARATORS

INSTALLATION INSTRUCTIONS

SEPARATORS SERIES MADE OF CONCRETE (H/P/C)

OPERATION AND MAINTENANCE OF AQUAFIX® LIGHT LIQUID SEPARATORS SERIES MADE OF CONCRETE (H/P/C)

□ Before start-up

1. Clean the entire system and remove mortar residue, soil etc. Remove lock during this operation and (if separator is a coalescence separator) remove the coalescence insert and replace them again afterwards.
2. Fill sludge trap and separator with fresh water. Attention! Always hold lock in raised position when filling, or replace when filling is complete.
3. Re-check tightness of joints in the system.

□ Operation

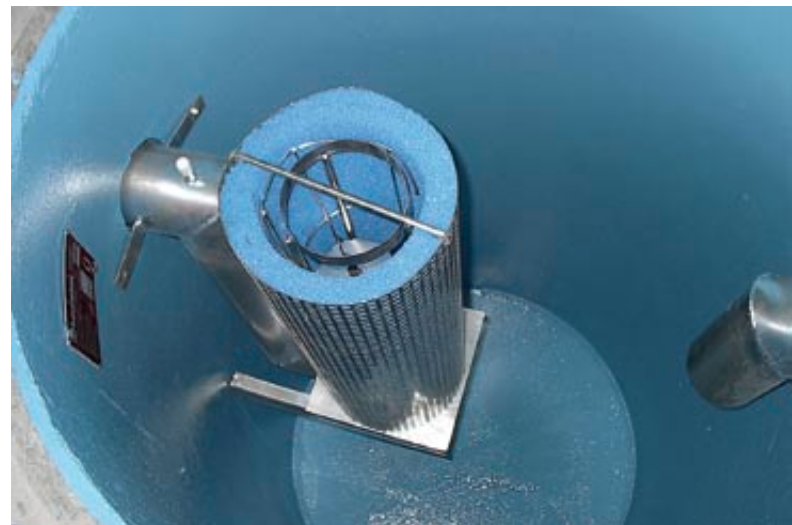
As well as the maintenance guide, the following regulations must be observed for the entire system:

- DIN 1986 (Land drainage systems)
- DIN 1999 (Light liquid separating systems)
- EN 858 (Light liquid separating systems)
- Local drainage statutes and other regulations

Only waste water that does not affect the intended operation of the separator must be led to the separating system. Emulsions and solvents (cold cleaners, drilling and cutting oils, water-soluble hydrocarbons etc.) must be kept away from the separating system and disposed off as special waste. Rainwater from surfaces for which the separating system is not intended and domestic waste water must not be led to the separating system. Do not remove coalescence insert during operation!

□ Disposal

Separating systems must be emptied at least every six months unless otherwise stipulated by the monitoring authority, but no later than when 85% of the storage capacity has been reached. The cleaning intervals must be shorter if the storage capacity of the separator or the sludge trap is exceeded. The operation of the equipment must not be interrupted.



The separated material must only be emptied, cleaned and taken away by authorised disposal companies.

The oil layer and water beneath it must be extracted first, preferably into separate tanks. The float and the lock must be cleaned and the operation thereof checked every time the equipment is emptied. Remove coalescence insert, clean the sludge trap, give damaged coalescence material to the disposal company and replace with new material. Re-insert the coalescence insert.

Every time that the equipment is emptied and cleaned, refill system with fresh water. Hold lock open by hand when doing this or insert it again afterwards. Use mobile ladders when climbing into the system. Extract vapour/air mixture beforehand.

□ Servicing

The separator system must be serviced at least every 6 months. The system may need to be emptied to do this. Carefully check operation of all parts of the system and inspect for damage. Then fill separator and sludge trap with fresh water, Hold lock open by hand or insert afterwards. **Pay attention to accident prevention regulations!**

OPERATION AND MAINTENANCE OF AQUAFIX® LIGHT LIQUID SEPARATORS SERIES MADE OF CONCRETE (H/P/C)

□ Before start-up

Clean the entire system and remove mortar residue, soil etc. Fill entire system with fresh water. Check joints of system for leaks.

□ Operation

As well as the maintenance guide, the following regulations must be observed for the entire system:

- DIN 1986 (Land drainage systems)
- DIN 1999 (Light liquid separating systems)
- EN 858 (Light liquid separating systems)
- Local drainage statutes and other regulations

Only waste water that does not affect the intended operation of the separator must be led to the separating system. Particularly domestic waste water and mineral light liquids must be kept away from the separating system, nor must rainwater be led to the separating system.

□ Disposal

1. The separating systems must be cleaned at least every 14 days more frequently if necessary. The cleaning intervals must be shorter if the storage capacity of the separator or the sludge trap is exceeded. The operation of the equipment must not be interrupted.
2. The separated material must only be emptied, cleaned and taken away by authorised disposal companies.
3. Every time that the equipment is emptied and cleaned, refill system with fresh water.
4. Use mobile ladders when climbing into the system. Extract vapour/air mixture beforehand. Pay attention to accident prevention regulations!

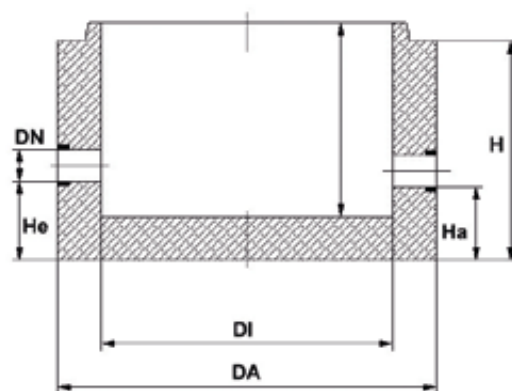
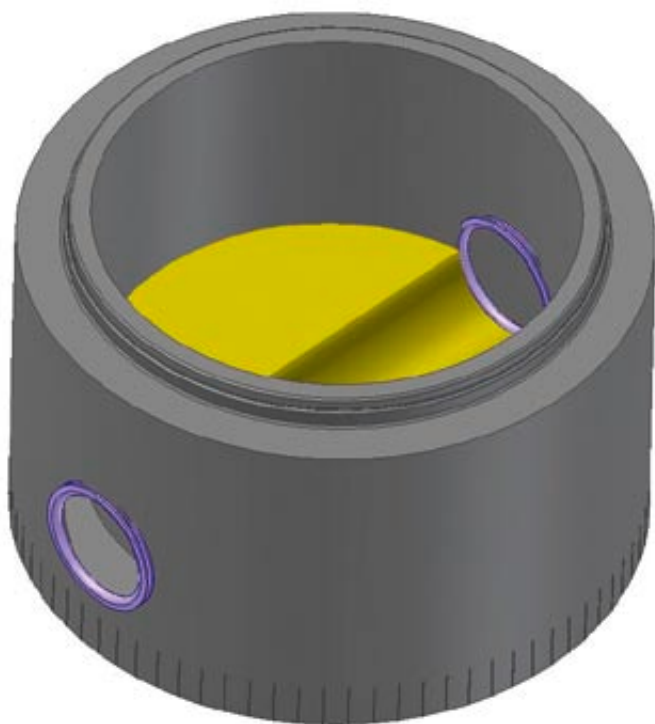
□ Servicing

The separator system must be serviced at least every 14 days. The system must be emptied and cleaned to do this. Carefully check operation of all parts of the system and inspect for damage. Then fill the system with fresh water. Pay attention to accident prevention regulations!



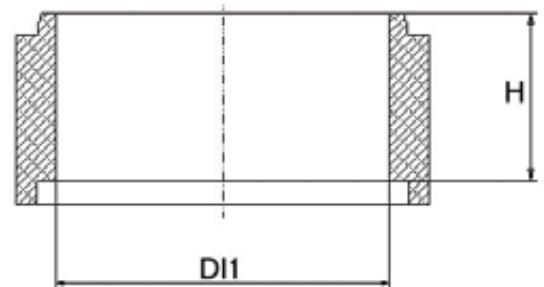
AQUAFIX® Shaft material - Series P

AQUAFIX® - Sample taking shaft



| | Length mm | Width mm | Height mm | DN in-/outlet mm | HE H inlet mm | HA H outlet mm | Weight kg | Item No. |
|------|--------------|-------------|--------------|------------------------|---------------------|----------------------|--------------|-------------|
| P100 | 1300 | 1300 | 750 | 100 | 270 | 250 | 1100,0 | 159100P |
| P125 | 1300 | 1300 | 750 | 125 | 270 | 250 | 1100,0 | 159125P |
| P150 | 1300 | 1300 | 750 | 150 | 270 | 250 | 1100,0 | 159150P |
| P200 | 1300 | 1300 | 750 | 200 | 270 | 250 | 1100,0 | 159200P |
| P250 | 1300 | 1300 | 750 | 250 | 270 | 250 | 1100,0 | 159250P |

AQUAFIX® - Shaft rings



| | Length mm | Width mm | Height mm | Weight kg | Item No. |
|---------------------|--------------|-------------|--------------|--------------|-------------|
| Shaft ring 1000/250 | - | - | - | 250,0 | 151025 |
| Shaft ring 1000/500 | - | - | - | 500,0 | 151050 |
| Shaft ring 1200/250 | - | - | - | 340,0 | 151225 |
| Shaft ring 1200/500 | - | - | - | 680,0 | 151250 |
| Shaft ring 1500/250 | - | - | - | 530,0 | 151525 |
| Shaft ring 1500/500 | - | - | - | 1060,0 | 151550 |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

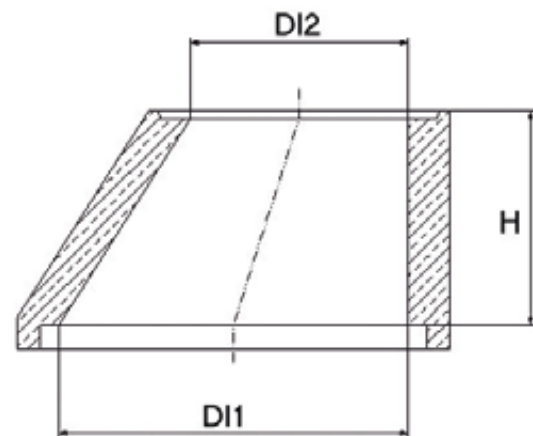
AQUAFIX® „10 PE“

AQUAFIX® „PP“

INSTALLATION
INSTRUCTIONS

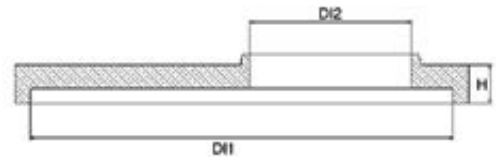
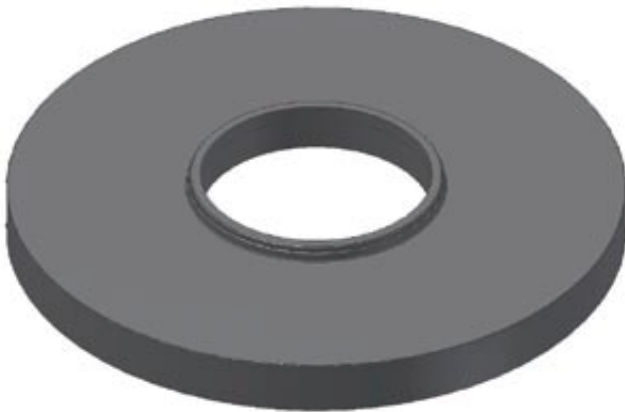
AQUAFIX® Shaft material - Series P

AQUAFIX® - Shaft conus



| | Length mm | Width mm | Height mm | Weight kg | Item No. |
|-----------------------|--------------|-------------|--------------|--------------|-------------|
| Shaft sleeve 1000/600 | - | - | - | 600,0 | 151060 |
| Shaft sleeve 1200/600 | - | - | - | 1000,0 | 151260 |

AQUAFIX® - Reductionplates



| | Length mm | Width mm | Height mm | Weight kg | Item No. |
|--------------------------|--------------|-------------|--------------|--------------|-------------|
| Reduktionplate 1200/1000 | - | - | - | 600,0 | 153121 |
| Reduktionplate 1500/1000 | - | - | - | 1050,0 | 153151 |
| Reduktionplate 2000/1000 | - | - | - | 1900,0 | 153201 |
| Reduktionplate 2500/1000 | - | - | - | 2500,0 | 153251 |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

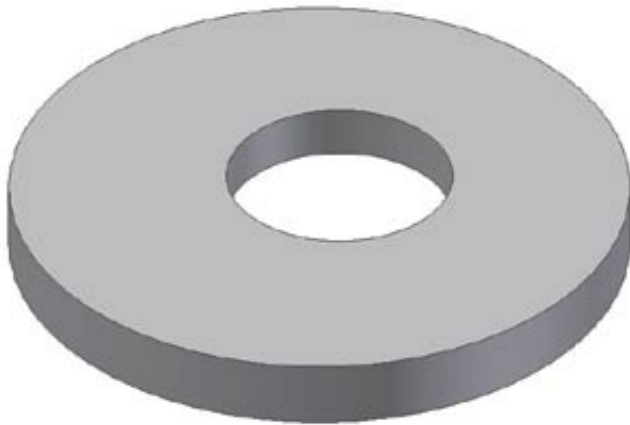
AQUAFIX® „10 PE“

AQUAFIX® „PP“

INSTALLATION
INSTRUCTIONS

AQUAFIX® Shaft material - Series P

AQUAFIX® - Cover plates



| | Length mm | Width mm | Height mm | Weight kg | Item No. |
|----------------------------|--------------|-------------|--------------|--------------|-------------|
| cover plate 1300/1000/0625 | - | - | - | 600,0 | 141001 |
| cover plate 1800/1500/0625 | - | - | - | 950,0 | 141501 |
| cover plate 1500/1200/0625 | - | - | - | 820,0 | 141205 |
| cover plate 2300/2000/0625 | - | - | - | 2070,0 | 142002 |
| cover plate 2800/2500/0625 | - | - | - | 3143,0 | 142506 |

1

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

AQUAFIX® „10 PE“

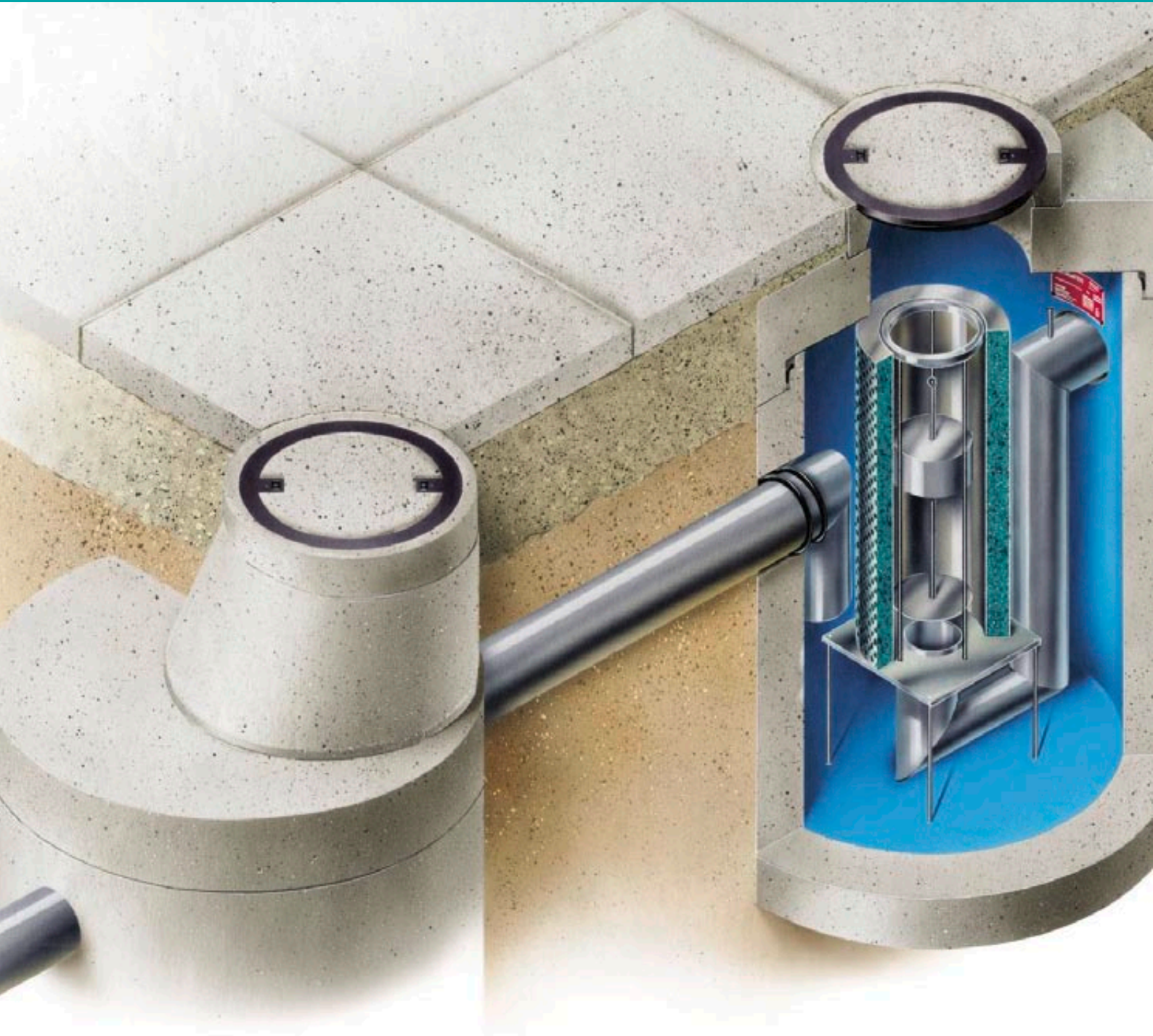
AQUAFIX® „PP“

**INSTALLATION
INSTRUCTIONS**

AQUAFIX® SEPARATORS

SERIES MADE OF CONCRETE

SOLID CONSTRUCTIONS FOR HEAVY DUTY.





AT A GLANCE:

- ✓ High quality concrete
- ✓ Strong wall thickness
- ✓ Conforms to standards - even down to the details

AQUAFIX[®] SEPARATORS

SERIES MADE OF CONCRETE

SOLID CONSTRUCTIONS FOR HEAVY DUTY.

FEATURES

- high grade reinforced concrete C35/45 in accordance with Eurocode EC 206, DIN 1045 and 4281, wall thickness at least 120 mm
- coating consisting of three layers of epoxy resin resistant to light liquids and fatty acids
- conform to European standards EN 858 and 1825



AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

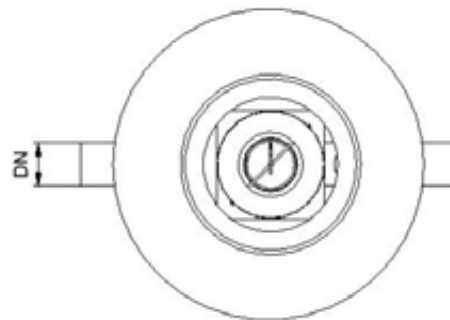
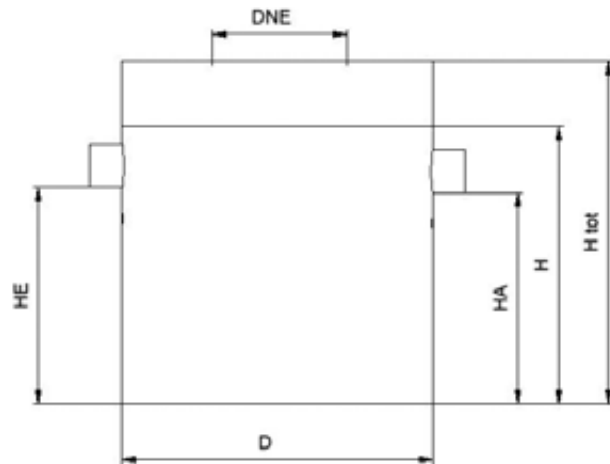
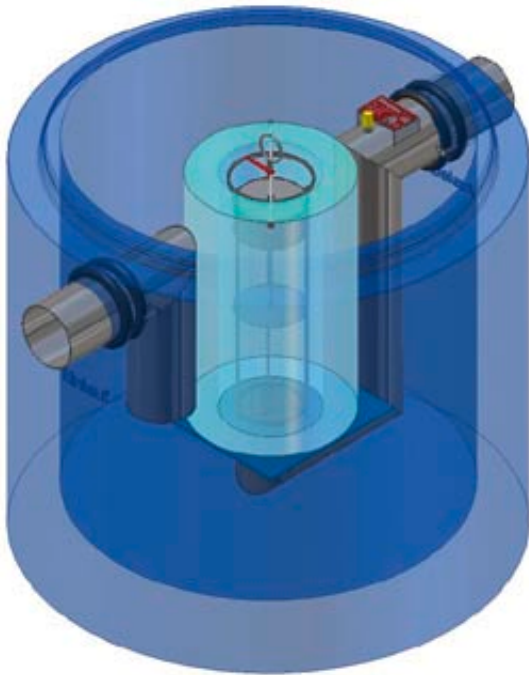
AQUAFIX® „10 PE“

AQUAFIX® „PP“

**INSTALLATION
INSTRUCTIONS**

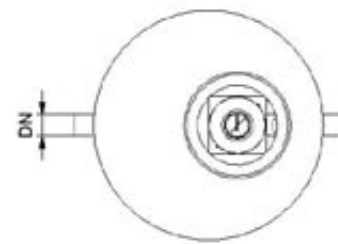
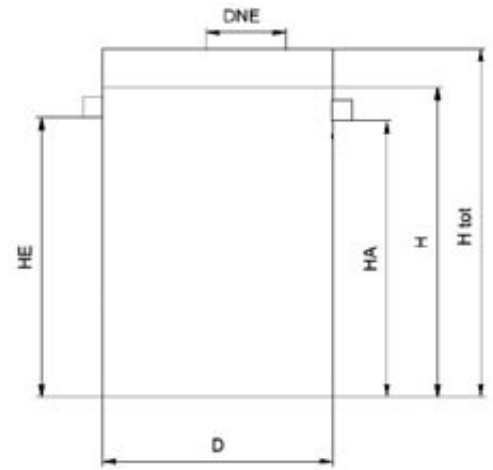
AQUAFIX® Separators from concrete - Series H

AQUAFIX® - K Coalescence separator



| | Length mm | Width mm | Height mm | max. ϕ Flow l/s | Seperator mm | sludge trap capacity l | seperator capacity l | DN in- outlet mm | HE H in- let mm | HA H out- let mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capacity l | Item No. |
|--------|--------------|-------------|--------------|-------------------------|-----------------|------------------------------|----------------------------|---------------------------|--------------------------|---------------------------|-----------------------|-----------------------|--------------|--------------------------|-------------|
| K 10 H | 1240 | 1240 | 1150 | 10 | 1000 | - | 518 | 150 | 900 | 875 | 800 | - | 1418,0 | 157 | 103100H |
| K 20 H | 1740 | 1740 | 1350 | 20 | 1000 | - | 1439 | 200 | 900 | 875 | 800 | - | 2726,0 | 353 | 103200H |

AQUAFIX® - SK Coalescence separator with sludge trap



| | Length mm | Width mm | Height mm | max. Flow l/s | Seperator ø mm | sludge trap capa- city l | separa- tor capa- city l | DN in-/ outlet mm | HE H in- let mm | HA H out- let mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capacity l | Item No. |
|-----------------|--------------|-------------|--------------|------------------|----------------------|-----------------------------------|--------------------------------------|----------------------------|--------------------------|---------------------------|-----------------------|-----------------------|--------------|--------------------------|-------------|
| SK 04/0650 H | 1240 | 1240 | 2000 | 4 | 1000 | 650 | 575 | 150 | 1750 | 1725 | 800 | - | 2410,0 | 157 | 176043H |
| SK 06-10/2500 H | 1740 | 1740 | 2500 | 10 | 1500 | 2385 | 1166 | 150 | 2200 | 2175 | 800 | - | 4479,0 | 353 | 176105H |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

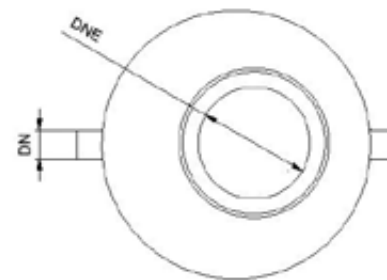
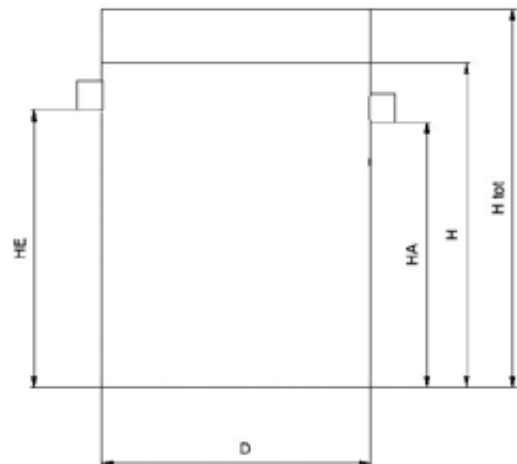
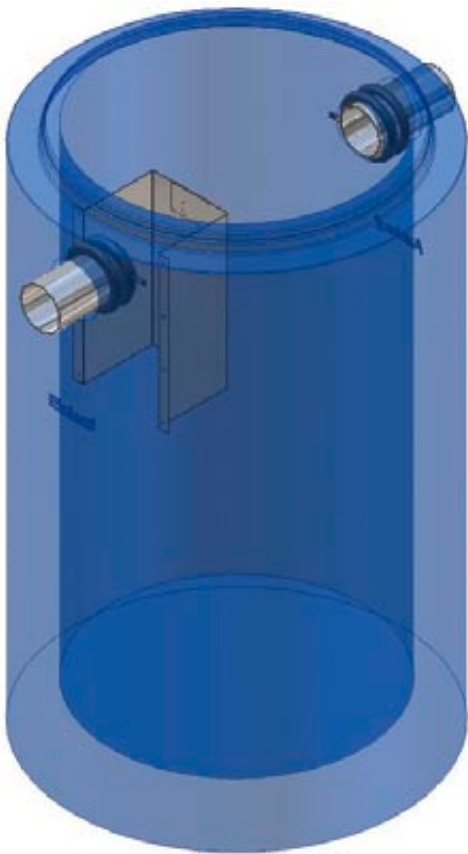
AQUAFIX® „10 PE“

AQUAFIX® „PP“

INSTALLATION
INSTRUCTIONS

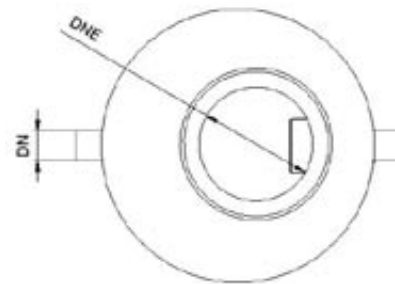
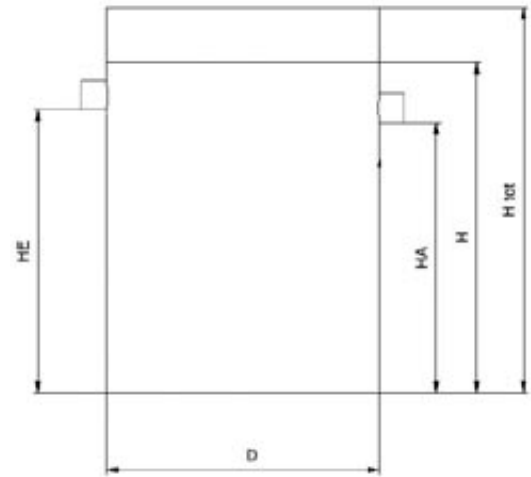
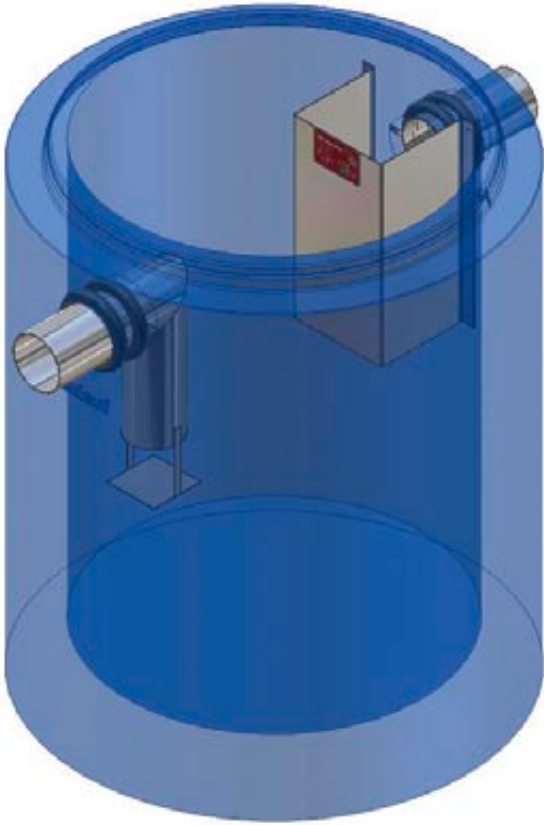
AQUAFIX® Separators from concrete - Series H

AQUAFIX® - S Sludge trap



| | Length mm | Width mm | Height mm | max. ϕ Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H out- let mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capacity l | Item No. |
|--------------|--------------|-------------|--------------|----------------------------|----------------------|--------------------------------------|--------------------------------------|----------------------------|---------------------|---------------------------|-----------------------|-----------------------|--------------|--------------------------|-------------|
| S 10/02500 H | 1740 | 1740 | 1950 | - | 1500 | 2500 | - | 150 | 1650 | 1625 | 800 | - | 3607,0 | - | 101105H |
| S 20/02500 H | 1740 | 1740 | 1950 | - | 1500 | 2500 | - | 200 | 1600 | 1575 | 800 | - | 3596,0 | - | 101205H |

AQUAFIX® - SF Grease separator with sludge trap



| | Length mm | Width mm | Height mm | max. Flow l/s | Seperator mm | sludge trap capacity l | seperator capacity l | DN in-/ outlet mm | HE H in- let mm | HA H out- let mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capacity l | Item No. |
|--------------|--------------|-------------|--------------|------------------|-----------------|------------------------------|----------------------------|----------------------------|--------------------------|---------------------------|-----------------------|-----------------------|--------------|--------------------------|-------------|
| SF 04/0400 H | 1240 | 1240 | 1600 | 4 | 1000 | 400 | 418 | 150 | 1220 | 1170 | 800 | - | 1968,0 | 157 | 178042H |
| SF 10/1000 H | 1740 | 1740 | 1800 | 10 | 1500 | 1000 | 1766 | 150 | 1420 | 1370 | 800 | - | 3388,0 | 350 | 178104H |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

AQUAFIX® „10 PE“

AQUAFIX® „PP“

INSTALLATION
INSTRUCTIONS

AQUAFIX® SEPARATORS

INSTALLATION INSTRUCTIONS

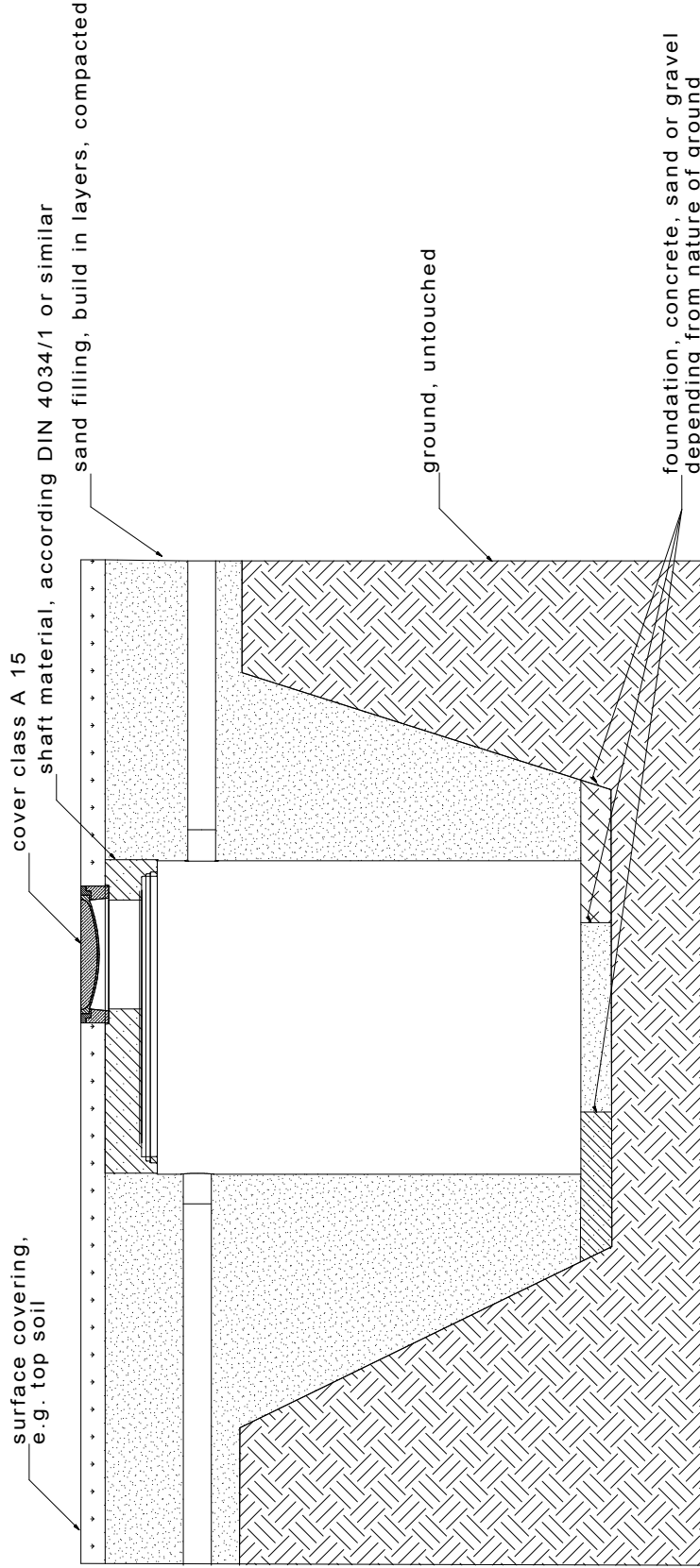
SEPARATORS SERIES MADE OF CONCRETE (H/P/C)

INSTALLATION ADVISES FOR AQUAFIX® SEPARATORS SERIES MADE OF CONCRETE (H/P/C)

1. Please check completeness of delivery. Note any missing parts or transit damage that has occurred on the delivery note immediately. Complaints that are received later will not be entertained. Otherwise our general terms and conditions apply.
 2. The separator system must be installed in a location outside the washing areas where it will not overflow or back up, as close as possible to the location where the waste water occurs. It must also be in the open, frost-free and easily accessible for cleaning vehicles. The drains and pipes must be able to drain until empty.
 3. The base of the excavation must be level. If no suitable soil is available, create a 10 cm thick bed of sand and fine gravel and compress. If the ground is non-load bearing, make a statically measured foundation slab. Put a 10 cm compensation layer of sand onto the foundation slab.
 4. Take thickness of foundation and compensation layer into consideration during height measurements. Pay attention to height information in installation drawing.
 5. The tanks must be installed in a level position.
- Do not confuse the inlet with the outlet! Adhere to order of tanks! Maintain slope! Recommended total incline of system 2 - 5%!**
6. Install system so that top edge is higher than final admission point.
 7. Manual transport on side can be done easily with steel bars which can be put through the holes of the outer stop rings.
 8. Arrange maintenance shaft at outlet side such that all separator areas are accessible and the floats and the coalescence insert can be removed if necessary.
 9. Ensure that the seals are correctly seated! Please use an adequate quantity of antiseize agent. It is advisable to offset the relative positions of the shaft elements in mortar or using hose bearings.
 10. The distance between the individual elements should be 60 - 100 cm.
 11. Ensure that pipelines are connected without leaks.
 12. Fill all tanks with fresh water before filling and check for leaks. **This leak test is mandatory!**
 13. Do not alter positions of tanks and lines when filling and compressing with sand. Please pay attention to the provided drawing.
 14. When all tanks, covering plates, tops and covers and connecting pipes have been correctly located, **the system must be cleaned.**
 15. When filling light liquid separators with fresh water, hold float in raised position until it can float independently.
- Report start-up to the responsible authority. Pay attention to accident prevention regulations during installation!**

INSTALLATION DRAWING

Installation drawing separator from concrete walkable areas - loading capacity A 15



Installation at minor depth.
Separator is protected against buoyancy by itself.

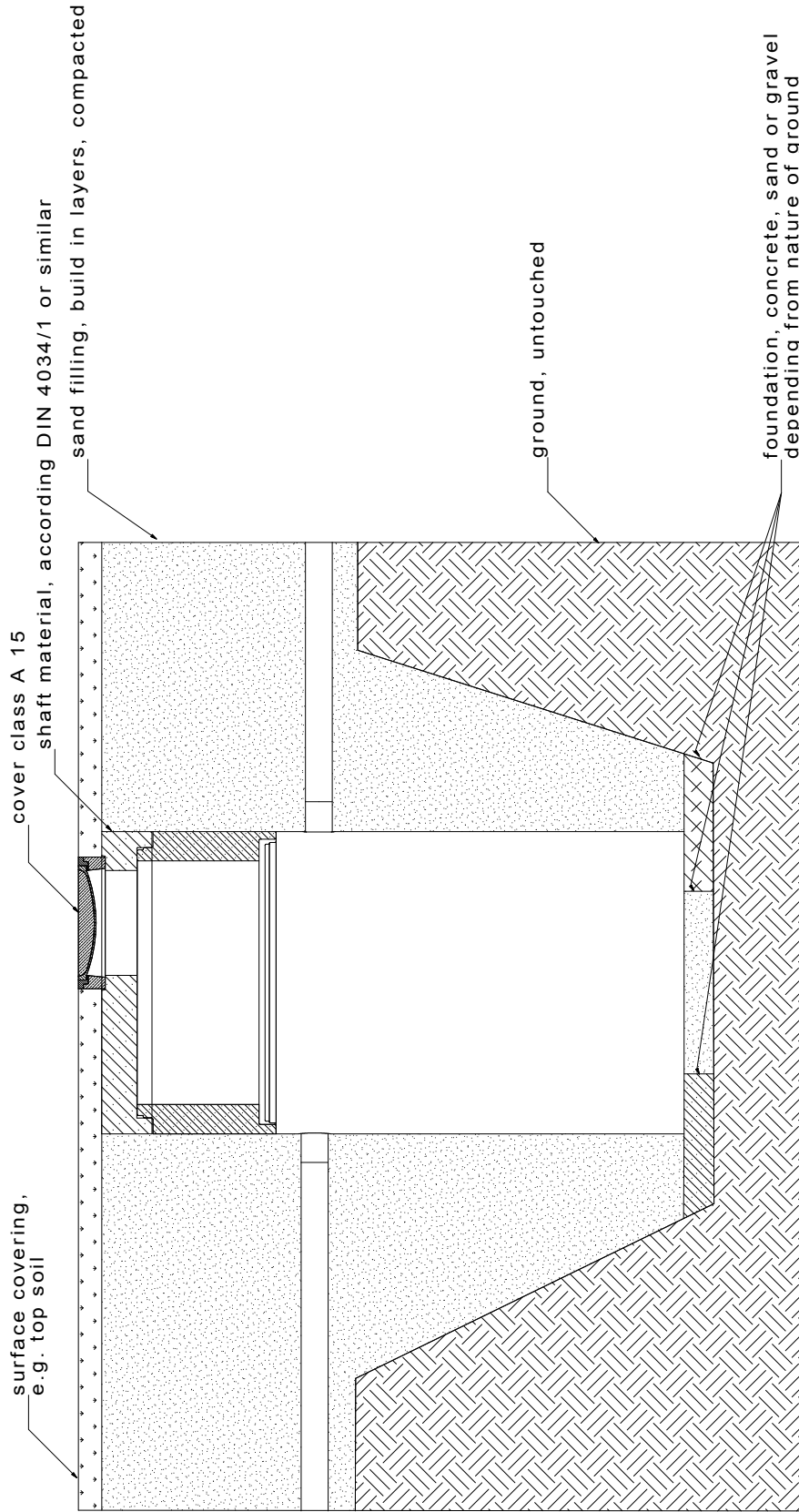


Einbauzeichnung B Kl. A
geringe Tiefe englisch

| | | |
|--|----------|----------------|
| Hauraton GmbH & Co KG Werksrasse 13 49709 Hattendorf Tel. +49 7222 958-0 Fax +49 7222 958-100 www.hauraton.com mail: export@hauraton.com | | |
| Erstellt: Coo | 070725 | AQUAFIX |
| gezeichnet: Coo | | |
| gezeichnet am: | 07.07.25 | veigloßern |
| Coo | 08.12.08 | Textänderungen |
| Coo | | |

INSTALLATION DRAWING

Installation drawing separator from concrete
walkable areas - loading capacity A 15

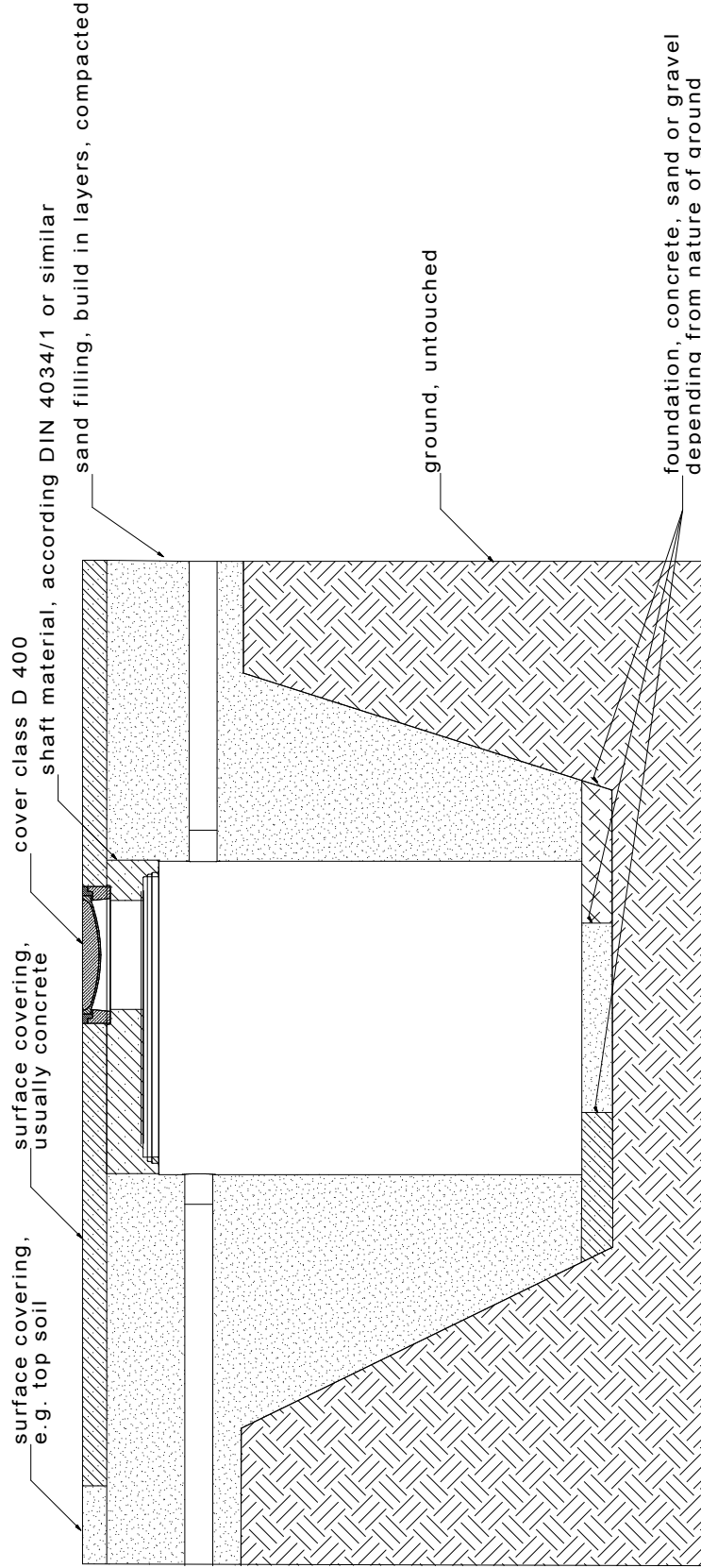


Installation at medium or major depth.
Separator is protected against buoyancy by itself.

| | | | |
|-------------------|----------|---|---------|
| hauraton | | Einbauzeichnung B Kl. A mittlere bis große Tiefe englisch | |
| Erstellt: Coe | | 070725 | AQUAFIX |
| gezeichnet von: | 07.07.25 | Hauraton GmbH & Co KG Werkstrasse 13 D-70439 Stuttgart Tel. +49 7141 7222 958-0 Fax +49 7222 958-100 www.hauraton.com mail: export@hauraton.com | |
| gezeichnet durch: | 08.12.08 | Anzeichnung: veiglöbern Textänderungen | |

INSTALLATION DRAWING

Installation drawing separator from concrete trafficable areas - loading capacity D 400

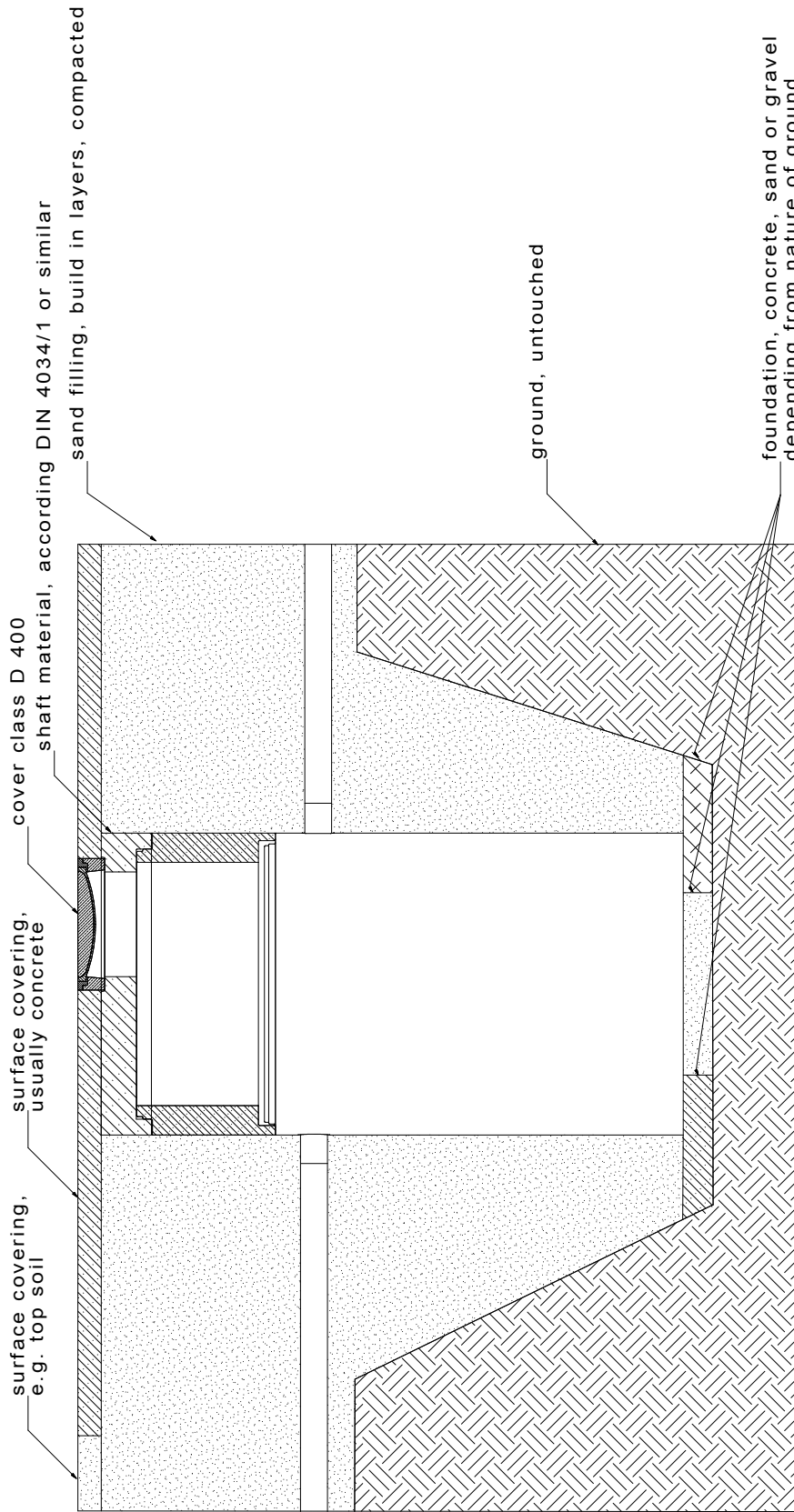


Installation at medium or major depth.
Separator is protected against buoyancy by itself.

| | | | |
|---|----------|----------------|--|
| hauraton | | AQUAFIX | |
| Einbauzeichnung B Kl. D geringe bis mittlere Tiefe englisch | | | |
| Hauraton GmbH & Co KG Weikstrasse 13 40734 Hauraton Tel. +49 7222 958-0 Fax +49 7222 958-100 www.hauraton.com mail: export@hauraton.com | | | |
| Erstellt: Cee | 070725 | AQUAFIX | |
| gezeichnet durch: | 07.07.25 | Vergrößern | |
| Code | 081208 | Textänderungen | |
| Coe | | | |

INSTALLATION DRAWING

Installation drawing separator from concrete
trafficable areas - loading capacity D 400



Installation at medium or major depth.
Separator is protected against buoyancy by itself.

| | | | | |
|-----------------|---------------|----------------|----------------|---------------------------|
| hauraton | Erstellt: Coe | 070725 | AQUAFIX | Hauraton GmbH & Co KG |
| | geändert am: | Anzahlung | | Waldstraße 6 |
| | 07.07.25 | Vergrößern | | D-76437 |
| | 08.12.08 | Textänderungen | | Reinhold |
| | | | | Tel +49 7222 958-0 |
| | | | | Fax +49 7222 958-100 |
| | | | | www.hauraton.com |
| | | | | mail: export@hauraton.com |

Einbauzeichnung B Kl. D
mittlere bis große Tiefe englisch

| | | | | | |
|-------------------------------------|----------------------|-------------------------|--------------------------|---------------------------|---------------------------|
| INSTALLATION INSTRUCTIONS | AQUAFIX® „PP“ | AQUAFIX® „10 PE“ | AQUAFIX® CONCRETE | AQUAFIX® STEEL „k“ | AQUAFIX® STEEL „G“ |
|-------------------------------------|----------------------|-------------------------|--------------------------|---------------------------|---------------------------|

AQUAFIX® SEPARATORS

INSTALLATION INSTRUCTIONS

SEPARATORS SERIES MADE OF CONCRETE (H/P/C)

OPERATION AND MAINTENANCE OF AQUAFIX® LIGHT LIQUID SEPARATORS SERIES MADE OF CONCRETE (H/P/C)

□ Before start-up

1. Clean the entire system and remove mortar residue, soil etc. Remove lock during this operation and (if separator is a coalescence separator) remove the coalescence insert and replace them again afterwards.
2. Fill sludge trap and separator with fresh water. Attention! Always hold lock in raised position when filling, or replace when filling is complete.
3. Re-check tightness of joints in the system.

□ Operation

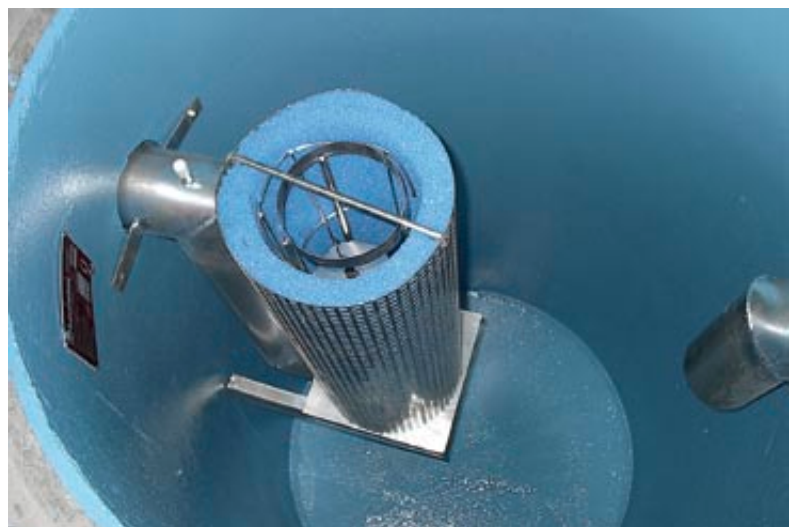
As well as the maintenance guide, the following regulations must be observed for the entire system:

- DIN 1986 (Land drainage systems)
- DIN 1999 (Light liquid separating systems)
- EN 858 (Light liquid separating systems)
- Local drainage statutes and other regulations

Only waste water that does not affect the intended operation of the separator must be led to the separating system. Emulsions and solvents (cold cleaners, drilling and cutting oils, water-soluble hydrocarbons etc.) must be kept away from the separating system and disposed off as special waste. Rainwater from surfaces for which the separating system is not intended and domestic waste water must not be led to the separating system. Do not remove coalescence insert during operation!

□ Disposal

Separating systems must be emptied at least every six months unless otherwise stipulated by the monitoring authority, but no later than when 85% of the storage capacity has been reached. The cleaning intervals must be shorter if the storage capacity of the separator or the sludge trap is exceeded. The operation of the equipment must not be interrupted.



The separated material must only be emptied, cleaned and taken away by authorised disposal companies.

The oil layer and water beneath it must be extracted first, preferably into separate tanks. The float and the lock must be cleaned and the operation thereof checked every time the equipment is emptied. Remove coalescence insert, clean the sludge trap, give damaged coalescence material to the disposal company and replace with new material. Re-insert the coalescence insert.

Every time that the equipment is emptied and cleaned, refill system with fresh water. Hold lock open by hand when doing this or insert it again afterwards. Use mobile ladders when climbing into the system. Extract vapour/air mixture beforehand.

□ Servicing

The separator system must be serviced at least every 6 months. The system may need to be emptied to do this. Carefully check operation of all parts of the system and inspect for damage. Then fill separator and sludge trap with fresh water, Hold lock open by hand or insert afterwards. **Pay attention to accident prevention regulations!**

OPERATION AND MAINTENANCE OF AQUAFIX® LIGHT LIQUID SEPARATORS SERIES MADE OF CONCRETE (H/P/C)

□ Before start-up

Clean the entire system and remove mortar residue, soil etc. Fill entire system with fresh water. Check joints of system for leaks.

□ Operation

As well as the maintenance guide, the following regulations must be observed for the entire system:

- DIN 1986 (Land drainage systems)
- DIN 1999 (Light liquid separating systems)
- EN 858 (Light liquid separating systems)
- Local drainage statutes and other regulations

Only waste water that does not affect the intended operation of the separator must be led to the separating system. Particularly domestic waste water and mineral light liquids must be kept away from the separating system, nor must rainwater be led to the separating system.

□ Disposal

1. The separating systems must be cleaned at least every 14 days more frequently if necessary. The cleaning intervals must be shorter if the storage capacity of the separator or the sludge trap is exceeded. The operation of the equipment must not be interrupted.
2. The separated material must only be emptied, cleaned and taken away by authorised disposal companies.
3. Every time that the equipment is emptied and cleaned, refill system with fresh water.
4. Use mobile ladders when climbing into the system. Extract vapour/air mixture beforehand. Pay attention to accident prevention regulations!

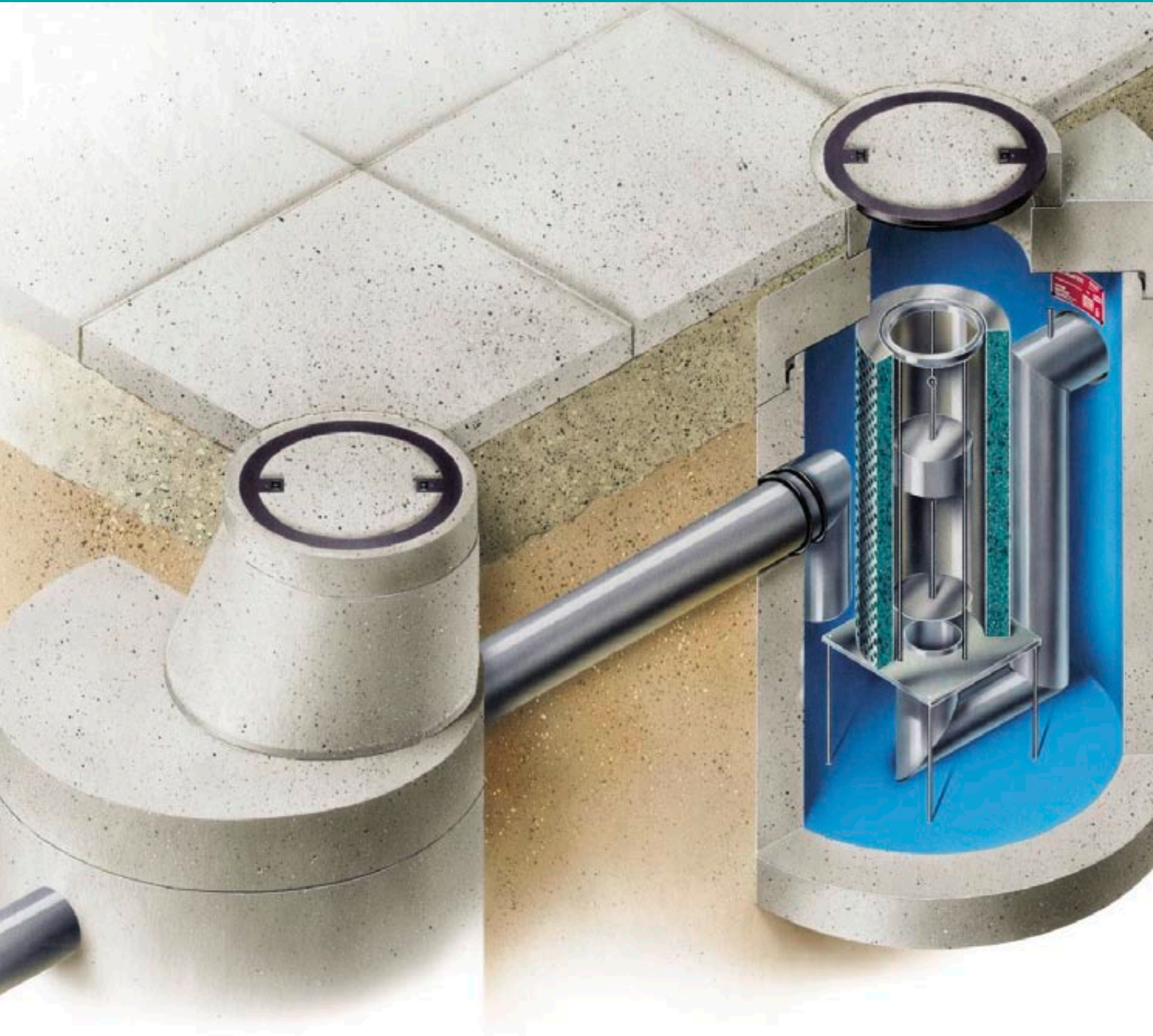
□ Servicing

The separator system must be serviced at least every 14 days. The system must be emptied and cleaned to do this. Carefully check operation of all parts of the system and inspect for damage. Then fill the system with fresh water. Pay attention to accident prevention regulations!



AQUAFIX® SEPARATORS

SERIES MADE OF CONCRETE
SOLID CONSTRUCTIONS FOR HEAVY DUTY.





AT A GLANCE:

- ✓ High quality concrete
- ✓ Strong wall thickness
- ✓ Conforms to standards - even down to the details

AQUAFIX[®] SEPARATORS

SERIES MADE OF CONCRETE

SOLID CONSTRUCTIONS FOR HEAVY DUTY.

FEATURES

- high grade reinforced concrete C35/45 in accordance with Eurocode EC 206, DIN 1045 and 4281, wall thickness at least 120 mm
- coating consisting of three layers of epoxy resin resistant to light liquids and fatty acids
- conform to European standards EN 858 and 1825



AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

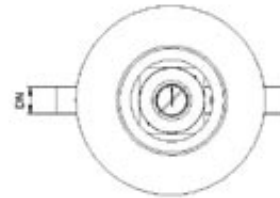
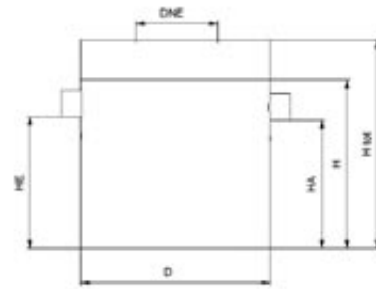
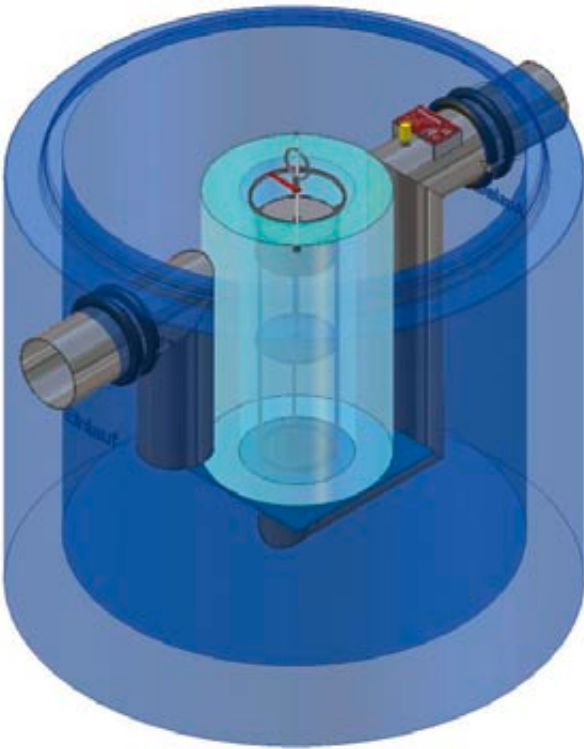
AQUAFIX® „10 PE“

AQUAFIX® „PP“

**INSTALLATION
INSTRUCTIONS**

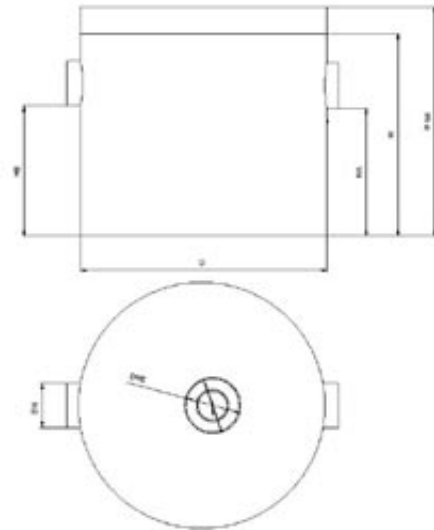
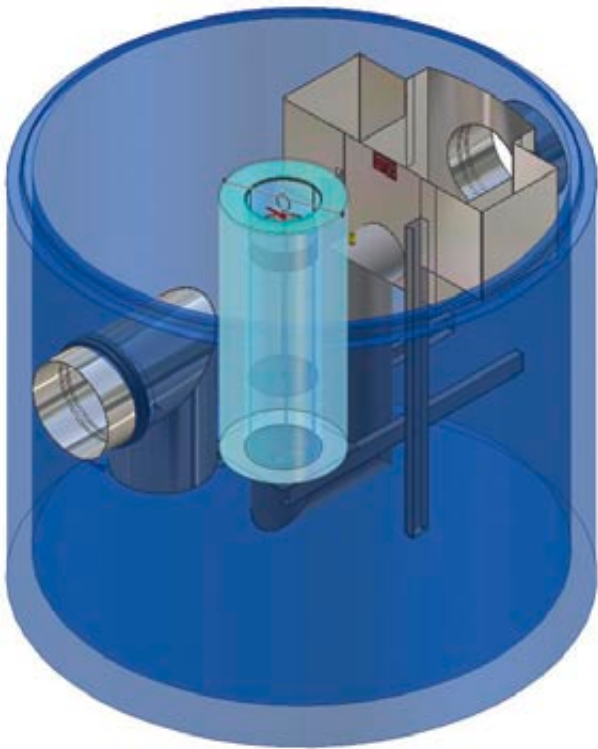
AQUAFIX® Separators from concrete - Series C

AQUAFIX® - K Coalescence separator



| | Length mm | Width mm | Height mm | max. \varnothing Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | DNE man- hole 1 | DNE man- hole 2 | Weight mm | storage capa- city l | Item No. |
|------|--------------|-------------|--------------|-----------------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
| K 10 | 1240 | 1240 | 1315 | 10 | 1000 | - | 530 | 150 | 845 | 820 | 625 | - | 1500,0 | 162 | 103100C |
| K 15 | 1240 | 1240 | 1515 | 15 | 1000 | - | 930 | 200 | 1000 | 975 | 625 | - | 1700,0 | 246 | 103150C |
| K 20 | 1840 | 1840 | 1565 | 20 | 1600 | - | 1450 | 200 | 1000 | 975 | 625 | - | 2650,0 | 332 | 103200C |
| K 30 | 2340 | 2340 | 1865 | 30 | 2100 | - | 3220 | 250 | 1200 | 1175 | 800 | - | 5000,0 | 628 | 103300C |
| K 40 | 2740 | 2740 | 2320 | 40 | 2500 | - | 7480 | 250 | 1675 | 1650 | 800 | - | 6800,0 | 996 | 103400C |
| K 50 | 2740 | 2740 | 2520 | 50 | 2500 | - | 8460 | 250 | 1900 | 1875 | 800 | - | 7300,0 | 986 | 103500C |

AQUAFIX® - K2BP Coalescence separator with double-bypass



| | Length mm | Width mm | Height mm | max. ø Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | DNE man- hole 1 | DNE man- hole 2 | Weight mm | storage capa- city l | Item No. |
|---------|--------------|-------------|--------------|-----------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
| K2BP 20 | 2740 | 2740 | 2320 | 200 | 2500 | - | 5449 | 400 | 1300 | 1275 | 625 | - | 6800,0 | 1227 | 174020C |
| K2BP 40 | 2740 | 2740 | 2520 | 400 | 2500 | - | 6185 | 500 | 1450 | 1425 | 625 | - | 7300,0 | 1227 | 174040C |
| K2BP 60 | 2740 | 2740 | 2820 | 600 | 2500 | - | 6921 | 600 | 1600 | 1575 | 625 | - | 7750,0 | 1227 | 174060C |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

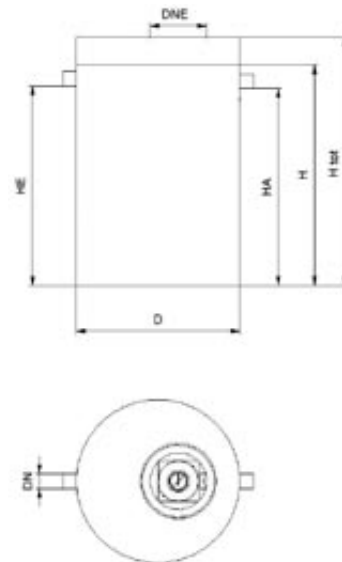
AQUAFIX® „10 PE“

AQUAFIX® „PP“

INSTALLATION
INSTRUCTIONS

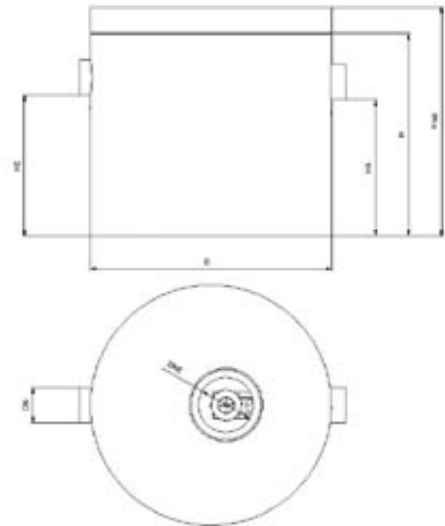
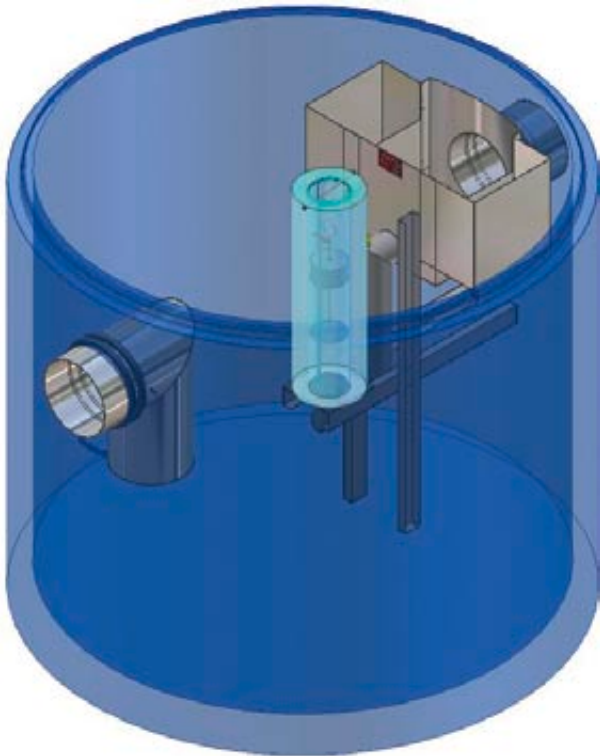
AQUAFIX® Separators from concrete - Series C

AQUAFIX® - SK Coalescence separator with sludge trap



| | Length mm | Width mm | Height mm | max. \varnothing Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | DNE man- hole 1 | DNE man- hole 2 | Weight mm | storage capa- city l | Item No. |
|-------------------|--------------|-------------|--------------|-----------------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
| SK 04/0650 H | 1240 | 1240 | 2115 | 4 | 1000 | 650 | 575 | 150 | 1750 | 1725 | 625 | - | 2300,0 | 157 | 176043C |
| SK 06-10/2500 H | 1840 | 1840 | 2665 | 10 | 1600 | 2385 | 1166 | 150 | 2200 | 2175 | 625 | - | 4200,0 | 353 | 176105C |
| SK 06-10/5000 AIO | 2740 | 2740 | 2420 | 10 | 2500 | 4906 | 3557 | 150 | 1895 | 1870 | 625 | - | 7050,0 | 1011 | 176107C |
| SK15/3000 AIO | 2740 | 2740 | 2420 | 15 | 2500 | 2944 | 5029 | 200 | 1875 | 1800 | 625 | - | 7050,0 | 1011 | 176155C |
| SK 15/5000 AIO | 2740 | 2740 | 2720 | 15 | 2500 | 4906 | 4538 | 200 | 2125 | 2100 | 625 | - | 7750,0 | 1011 | 176157C |
| SK 20/4000 AIO | 2740 | 2740 | 2720 | 20 | 2500 | 3925 | 5520 | 200 | 2125 | 2100 | 625 | - | 7750,0 | 1070 | 176204C |
| SK 30/3000 AIO | 2740 | 2740 | 2420 | 30 | 2500 | 2944 | 5029 | 250 | 1800 | 1775 | 800 | - | 7050,0 | 1079 | 176305C |
| SK 40/4000 AIO | 2740 | 2740 | 2920 | 40 | 2500 | 3925 | 6746 | 250 | 2350 | 2325 | 800 | - | 8250,0 | 1104 | 176406C |
| SK 50/3000 AIO | 2740 | 2740 | 2920 | 50 | 2500 | 2944 | 7727 | 250 | 2350 | 2325 | 800 | - | 8250,0 | 1128 | 176505C |

AQUAFIX® - SK2BP Coalescence separator with sludge trap and double-bypass



| | Length mm | Width mm | Height mm | max. \varnothing Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE H inlet mm | HA H outlet mm | DNE man- hole 1 | DNE man- hole 2 | Weight mm | storage capa- city l | Item No. |
|--|--------------|-------------|--------------|-----------------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
|--|--------------|-------------|--------------|-----------------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|

| | | | | | | | | | | | | | | | |
|---------------|------|------|------|-----|------|------|------|-----|------|------|-----|---|--------|------|---------|
| SK2BP 10/1000 | 2740 | 2740 | 2620 | 100 | 2500 | 3313 | 3595 | 400 | 1600 | 1550 | 625 | - | 7300,0 | 1011 | 175010C |
| SK2BP 15/1500 | 2740 | 2740 | 2820 | 150 | 2500 | 3313 | 4541 | 400 | 1800 | 1750 | 625 | - | 7750,0 | 1227 | 175015C |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

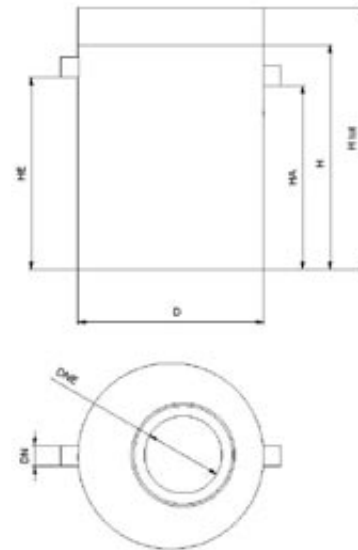
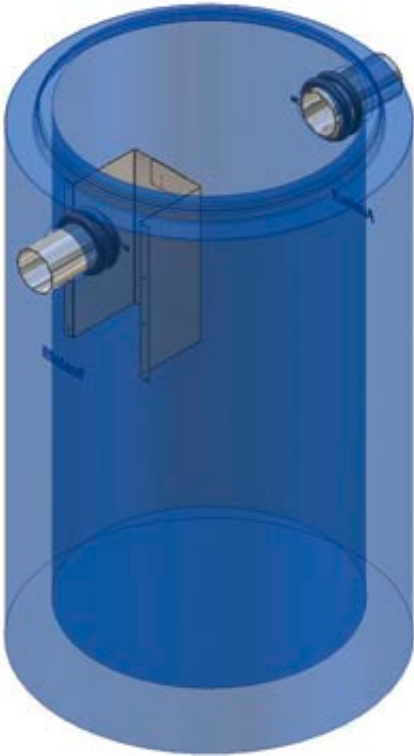
AQUAFIX® „10 PE“

AQUAFIX® „PP“

INSTALLATION
INSTRUCTIONS

AQUAFIX® Separators from concrete - Series C

AQUAFIX® - S Sludge trap



| | Length mm | Width mm | Height mm | max. \varnothing Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outlet mm | HE inlet mm | H outlet mm | HA mm | H mm | Hmax mm | DNE man- hole 1 | DNE man- hole 2 | Weight mm | storage capa- city l | Item No. |
|------------|--------------|-------------|--------------|-----------------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|-------------------|-------------------|----------|---------|------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
| S 0650/03 | 1240 | 1240 | 1715 | - | 1000 | 650 | - | 100 | 1275 | 1225 | 625 | - | 1900,0 | - | - | 101043C | | |
| S 1300/03 | 1840 | 1840 | 1165 | - | 1600 | 1300 | - | 100 | 1350 | 1300 | 625 | - | 2300,0 | - | - | 101064C | | |
| S 10/02500 | 1840 | 1840 | 1865 | - | 1600 | 2500 | - | 150 | 1650 | 1625 | 625 | - | 3400,0 | - | - | 101105C | | |
| S 3500/10 | 1840 | 1840 | 2365 | - | 1600 | 3500 | - | 150 | 1200 | 1150 | 625 | - | 4200,0 | - | - | 101106C | | |
| S 5000/10 | 2340 | 2340 | 1965 | - | 2100 | 5000 | - | 150 | 1700 | 1650 | 625 | - | 4900,0 | - | - | 101107C | | |
| S 7500/10 | 2740 | 2740 | 2320 | - | 2500 | 7500 | - | 150 | 1870 | 1820 | 625 | - | 6750,0 | - | - | 101108C | | |
| S 10000/10 | 2740 | 2740 | 2920 | - | 2500 | 10000 | - | 150 | 2500 | 2450 | 625 | - | 7250,0 | - | - | 101109C | | |
| S 20/02500 | 1840 | 1840 | 1865 | - | 1600 | 2500 | - | 200 | 1600 | 1575 | 625 | - | 7700,0 | - | - | 101205C | | |
| S 5000/20 | 2340 | 2340 | 1965 | - | 2100 | 5000 | - | 200 | 1650 | 1600 | 625 | - | 4900,0 | - | - | 101207C | | |
| S 8000/20 | 2740 | 2740 | 2520 | - | 2500 | 8000 | - | 200 | 1900 | 1850 | 625 | - | 6750,0 | - | - | 101208C | | |
| S 10000/20 | 2740 | 2740 | 2920 | - | 2500 | 10000 | - | 200 | 2400 | 2350 | 625 | - | 7250,0 | - | - | 101209C | | |
| S 5000/30 | 2340 | 2340 | 1965 | - | 2100 | 5000 | - | 250 | 1600 | 1550 | 625 | - | 4900,0 | - | - | 101307C | | |
| S 7500/30 | 2740 | 2740 | 2320 | - | 2500 | 7500 | - | 250 | 1770 | 1720 | 625 | - | 6750,0 | - | - | 101308C | | |
| S 10000/30 | 2740 | 2740 | 2920 | - | 2500 | 10000 | - | 250 | 2400 | 2350 | 625 | - | 7250,0 | - | - | 101309C | | |

1

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

AQUAFIX® „10 PE“

AQUAFIX® „PP“

**INSTALLATION
INSTRUCTIONS**

AQUAFIX® SEPARATORS

INSTALLATION INSTRUCTIONS

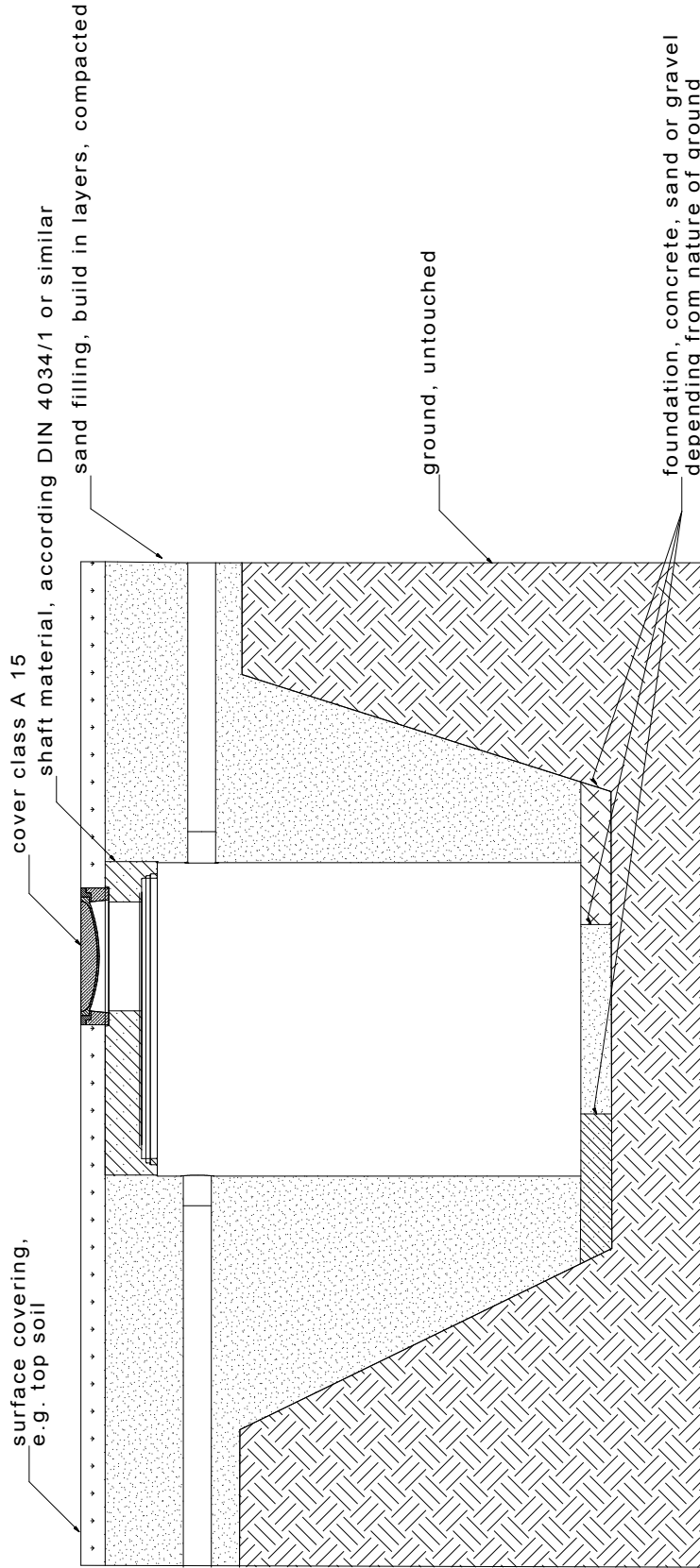
SEPARATORS SERIES MADE OF CONCRETE (H/P/C)

INSTALLATION ADVISES FOR AQUAFIX® SEPARATORS SERIES MADE OF CONCRETE (H/P/C)

1. Please check completeness of delivery. Note any missing parts or transit damage that has occurred on the delivery note immediately. Complaints that are received later will not be entertained. Otherwise our general terms and conditions apply.
 2. The separator system must be installed in a location outside the washing areas where it will not overflow or back up, as close as possible to the location where the waste water occurs. It must also be in the open, frost-free and easily accessible for cleaning vehicles. The drains and pipes must be able to drain until empty.
 3. The base of the excavation must be level. If no suitable soil is available, create a 10 cm thick bed of sand and fine gravel and compress. If the ground is non-load bearing, make a statically measured foundation slab. Put a 10 cm compensation layer of sand onto the foundation slab.
 4. Take thickness of foundation and compensation layer into consideration during height measurements. Pay attention to height information in installation drawing.
 5. The tanks must be installed in a level position.
- Do not confuse the inlet with the outlet! Adhere to order of tanks! Maintain slope! Recommended total incline of system 2 - 5%!**
6. Install system so that top edge is higher than final admission point.
 7. Manual transport on side can be done easily with steel bars which can be put through the holes of the outer stop rings.
 8. Arrange maintenance shaft at outlet side such that all separator areas are accessible and the floats and the coalescence insert can be removed if necessary.
 9. Ensure that the seals are correctly seated! Please use an adequate quantity of antiseize agent. It is advisable to offset the relative positions of the shaft elements in mortar or using hose bearings.
 10. The distance between the individual elements should be 60 - 100 cm.
 11. Ensure that pipelines are connected without leaks.
 12. Fill all tanks with fresh water before filling and check for leaks. **This leak test is mandatory!**
 13. Do not alter positions of tanks and lines when filling and compressing with sand. Please pay attention to the provided drawing.
 14. When all tanks, covering plates, tops and covers and connecting pipes have been correctly located, **the system must be cleaned.**
 15. When filling light liquid separators with fresh water, hold float in raised position until it can float independently.
- Report start-up to the responsible authority. Pay attention to accident prevention regulations during installation!**

INSTALLATION DRAWING

Installation drawing separator from concrete walkable areas - loading capacity A 15



Installation at minor depth.
Separator is protected against buoyancy by itself.

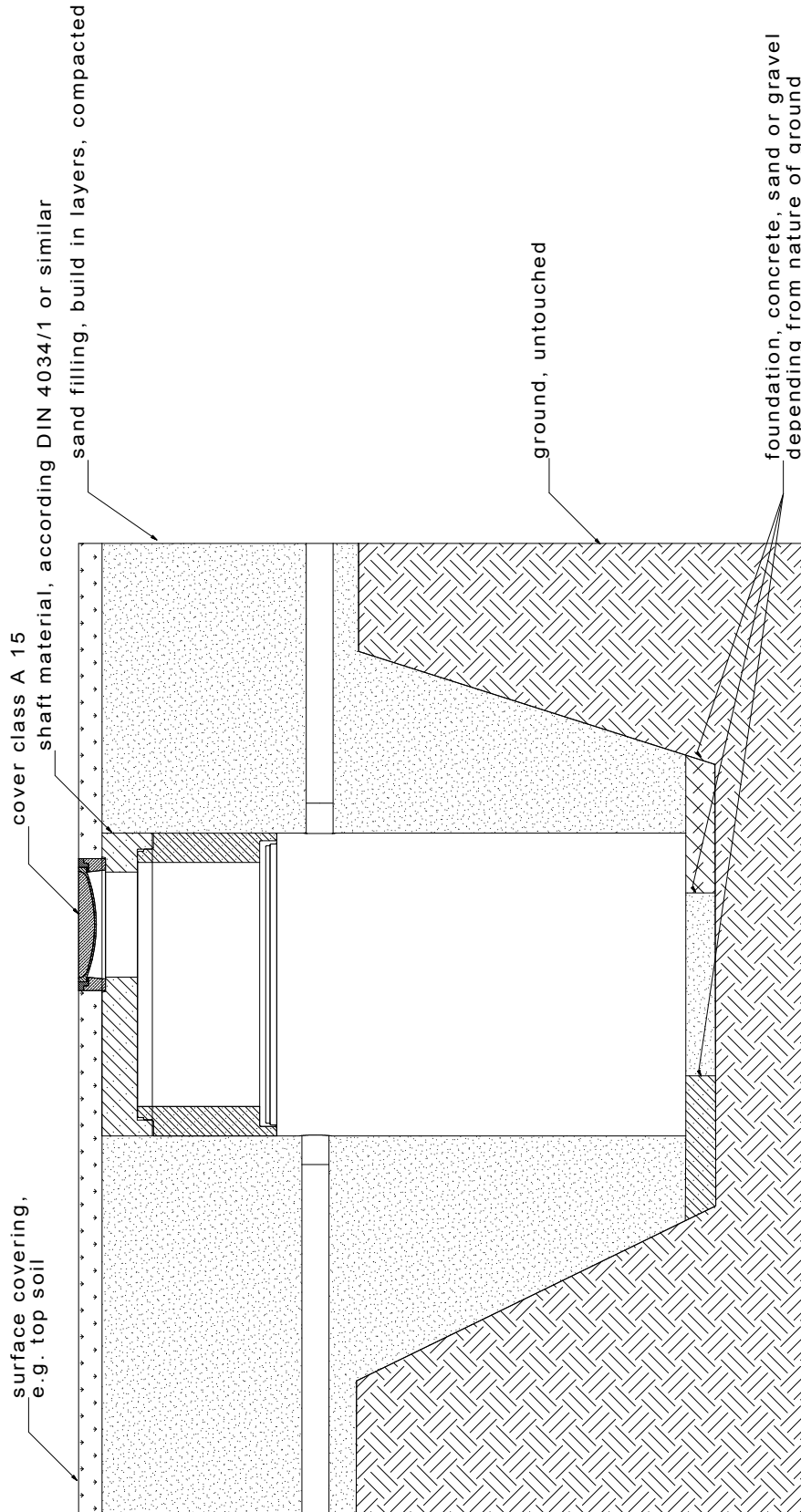


Einbauzeichnung B Kl. A
geringe Tiefe englisch

| | |
|---------------------------|----------------|
| Hauraton GmbH & Co KG | |
| Werksrasse 13 | |
| 47169 Hauraton | |
| Tel. +49 7222 958-0 | |
| Fax +49 7222 958-100 | |
| www.hauraton.com | |
| mail: export@hauraton.com | |
| Ersellt: Coo | 070725 |
| gezeichnet: Coo | AQUAFIX |
| gezeichnet: Coo | 070725 |
| Coo | veiglöbbern |
| Coo | Textänderungen |

INSTALLATION DRAWING

Installation drawing separator from concrete
walkable areas - loading capacity A 15

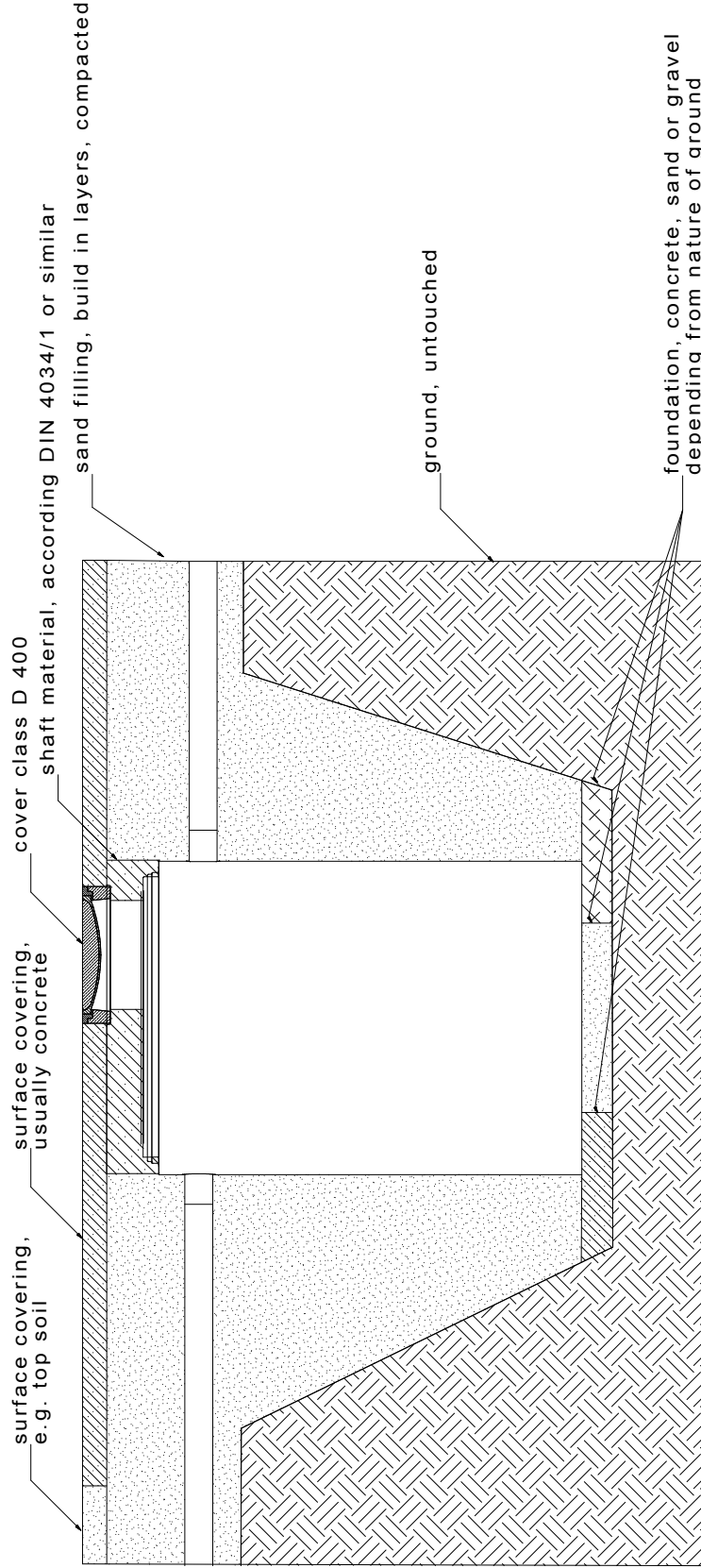


Installation at medium or major depth.
Separator is protected against buoyancy by itself.

| | | | |
|-------------------|----------|---|---------|
| hauraton | | Einbauzeichnung B Kl. A mittlere bis große Tiefe englisch | |
| Erstellt: Coe | | 070725 | AQUAFIX |
| gezeichnet von: | 07.07.25 | Hauraton GmbH & Co KG Werkstrasse 13 D-70439 Stuttgart Tel. +49 7141 7222 958-0 Fax +49 7222 958-100 www.hauraton.com mail: export@hauraton.com | |
| gezeichnet durch: | 08.12.08 | Anbauart: vergrößern Textänderungen | |

INSTALLATION DRAWING

Installation drawing separator from concrete trafficable areas - loading capacity D 400



Installation at medium or major depth.
Separator is protected against buoyancy by itself.

| | | | |
|--|----------|--|---------------------------|
| hauratton | | Einbauzeichnung B Kl. D geringe bis mittlere Tiefe englisch | |
| <small>Einbauzeichnung B Kl. D geringe bis mittlere Tiefe englisch</small> | | | |
| Erstellt: Cee | 070725 | AQUAFIX | Hauraton GmbH & Co KG |
| gezeichnet: am | 07.07.25 | Vergrößern | Weikstrasse 13 |
| Coe | 081208 | Textänderungen | 49722 958-0 |
| | | | Telefon +49 7222 958-0 |
| | | | Fax +49 7222 958-100 |
| | | | www.hauraton.com |
| | | | mail: export@hauraton.com |

“

AQUAFIX® SEPARATORS

INSTALLATION INSTRUCTIONS

SEPARATORS SERIES MADE OF CONCRETE (H/P/C)

OPERATION AND MAINTENANCE OF AQUAFIX® LIGHT LIQUID SEPARATORS SERIES MADE OF CONCRETE (H/P/C)

□ Before start-up

1. Clean the entire system and remove mortar residue, soil etc. Remove lock during this operation and (if separator is a coalescence separator) remove the coalescence insert and replace them again afterwards.
2. Fill sludge trap and separator with fresh water. Attention! Always hold lock in raised position when filling, or replace when filling is complete.
3. Re-check tightness of joints in the system.

□ Operation

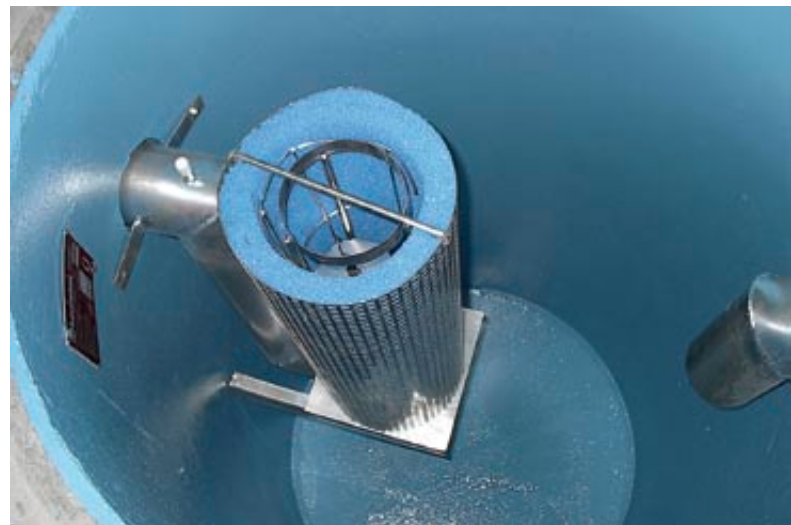
As well as the maintenance guide, the following regulations must be observed for the entire system:

- DIN 1986 (Land drainage systems)
- DIN 1999 (Light liquid separating systems)
- EN 858 (Light liquid separating systems)
- Local drainage statutes and other regulations

Only waste water that does not affect the intended operation of the separator must be led to the separating system. Emulsions and solvents (cold cleaners, drilling and cutting oils, water-soluble hydrocarbons etc.) must be kept away from the separating system and disposed off as special waste. Rainwater from surfaces for which the separating system is not intended and domestic waste water must not be led to the separating system. Do not remove coalescence insert during operation!

□ Disposal

Separating systems must be emptied at least every six months unless otherwise stipulated by the monitoring authority, but no later than when 85% of the storage capacity has been reached. The cleaning intervals must be shorter if the storage capacity of the separator or the sludge trap is exceeded. The operation of the equipment must not be interrupted.



The separated material must only be emptied, cleaned and taken away by authorised disposal companies.

The oil layer and water beneath it must be extracted first, preferably into separate tanks. The float and the lock must be cleaned and the operation thereof checked every time the equipment is emptied. Remove coalescence insert, clean the sludge trap, give damaged coalescence material to the disposal company and replace with new material. Re-insert the coalescence insert.

Every time that the equipment is emptied and cleaned, refill system with fresh water. Hold lock open by hand when doing this or insert it again afterwards. Use mobile ladders when climbing into the system. Extract vapour/air mixture beforehand.

□ Servicing

The separator system must be serviced at least every 6 months. The system may need to be emptied to do this. Carefully check operation of all parts of the system and inspect for damage. Then fill separator and sludge trap with fresh water, Hold lock open by hand or insert afterwards. **Pay attention to accident prevention regulations!**

OPERATION AND MAINTENANCE OF AQUAFIX® LIGHT LIQUID SEPARATORS SERIES MADE OF CONCRETE (H/P/C)

□ Before start-up

Clean the entire system and remove mortar residue, soil etc. Fill entire system with fresh water. Check joints of system for leaks.

□ Operation

As well as the maintenance guide, the following regulations must be observed for the entire system:

- DIN 1986 (Land drainage systems)
- DIN 1999 (Light liquid separating systems)
- EN 858 (Light liquid separating systems)
- Local drainage statutes and other regulations

Only waste water that does not affect the intended operation of the separator must be led to the separating system. Particularly domestic waste water and mineral light liquids must be kept away from the separating system, nor must rainwater be led to the separating system.

□ Disposal

1. The separating systems must be cleaned at least every 14 days more frequently if necessary. The cleaning intervals must be shorter if the storage capacity of the separator or the sludge trap is exceeded. The operation of the equipment must not be interrupted.
2. The separated material must only be emptied, cleaned and taken away by authorised disposal companies.
3. Every time that the equipment is emptied and cleaned, refill system with fresh water.
4. Use mobile ladders when climbing into the system. Extract vapour/air mixture beforehand. Pay attention to accident prevention regulations!

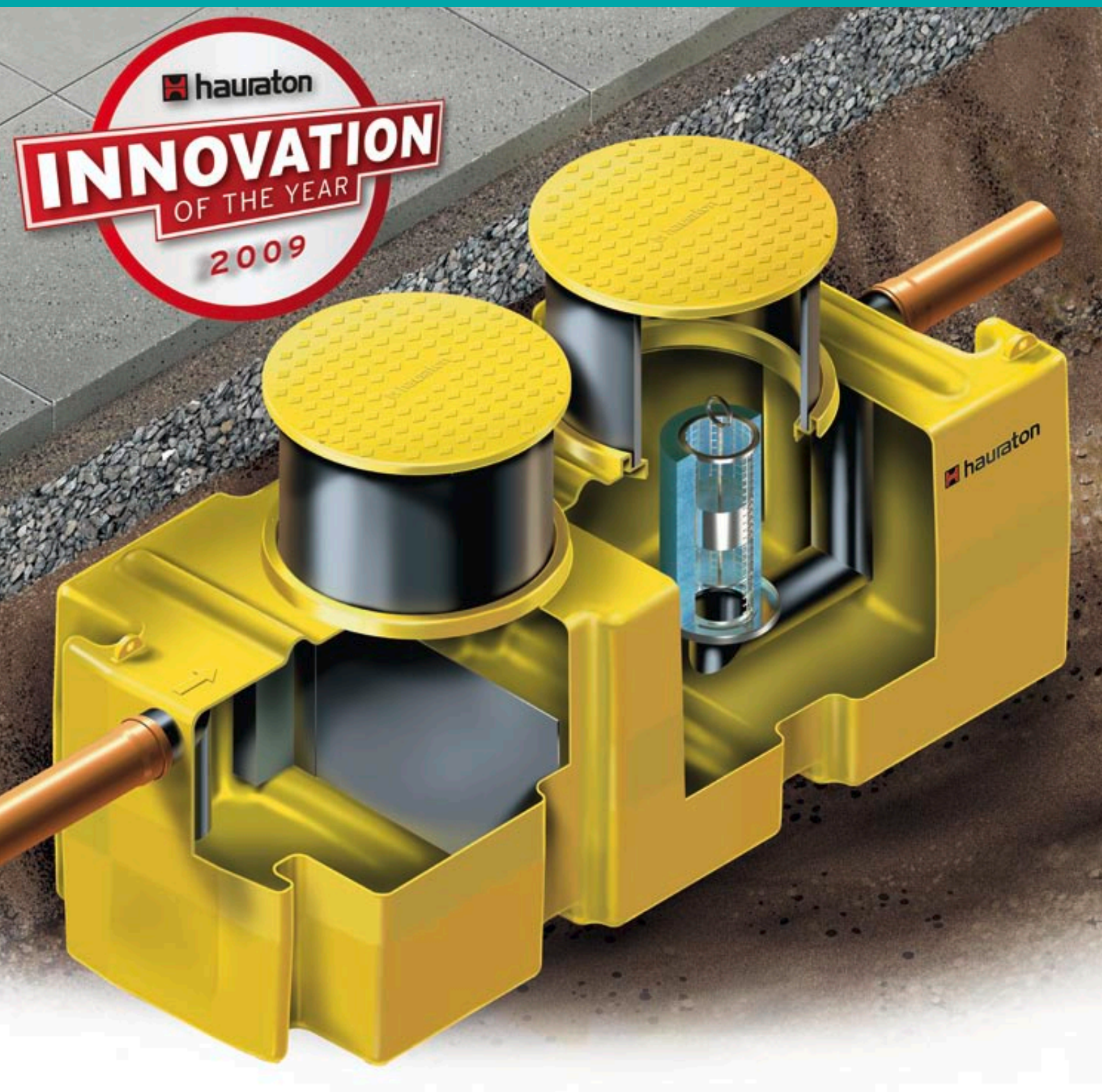
□ Servicing

The separator system must be serviced at least every 14 days. The system must be emptied and cleaned to do this. Carefully check operation of all parts of the system and inspect for damage. Then fill the system with fresh water. Pay attention to accident prevention regulations!



AQUAFIX® SEPARATORS

SERIES „10 PE” MADE OF POLYETHYLENE
LIGHT SOLUTIONS FOR STRONG REQUIREMENTS.



A photograph showing a person in a dark suit fueling a red sports car. The person's hand is on the roof of the car, and another hand is holding a blue fuel nozzle inserted into the car's fuel tank. The background is a bright, slightly blurred outdoor setting.

AT A GLANCE:

- ✓ 10 mm wall thickness for highest security
- ✓ optimised construction after FE-analysis
- ✓ pure, high quality raw material is used in the optimised production process

AQUAFIX® SEPARATORS

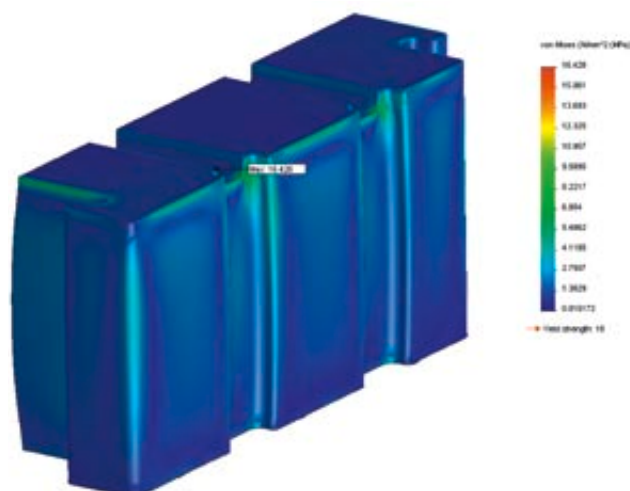
SERIES „10 PE“ MADE OF POLYETHYLENE
LIGHT SOLUTIONS FOR STRONG REQUIREMENTS.

FEATURES

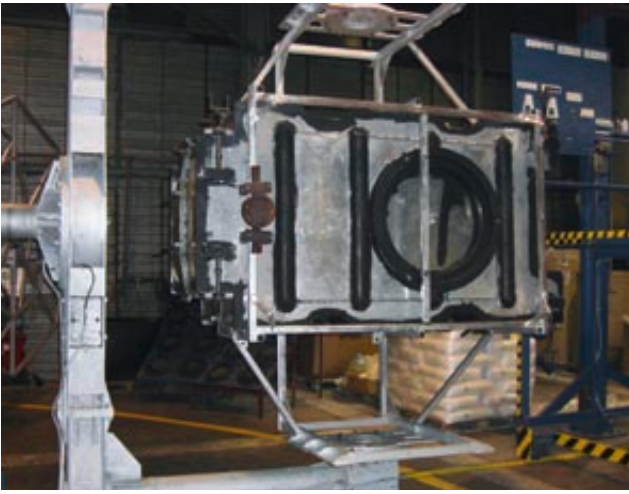
- 10 mm wall thickness
- stop rings to handle
- computer aided design
- according standards EN 858 or EN 1825
- wide openings
- for light liquid separators:
 - automatic closing device easy to remove
 - coalescence cell easy to remove
 - sample taking device can be integrated

EXTENSIONS

Extension pipes in every length can be supplied.
Covers in class A or D available.



The construction of AQUAFIX 10 PE separators was done according detailed FE analysis. The combination of high quality material, optimised production process and at least 10 mm wall thickness quarantuees highest stability.



INSTALLATION
INSTRUCTIONS

AQUAFIX® „PP“

AQUAFIX® „10 PE“

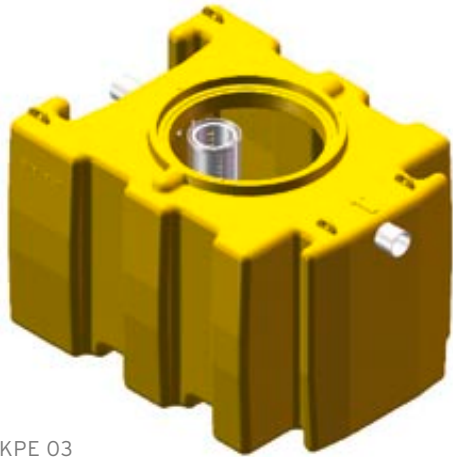
AQUAFIX® CONCRETE

AQUAFIX® STEEL „k“

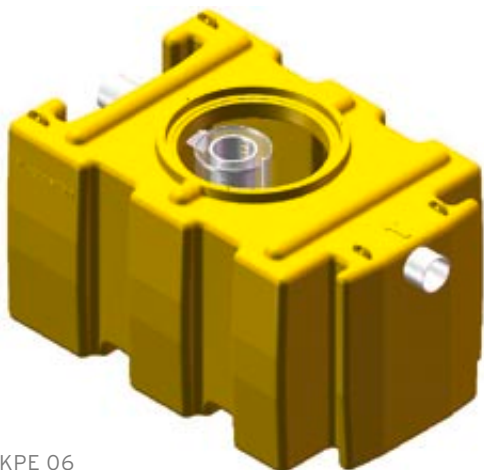
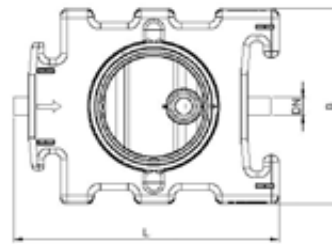
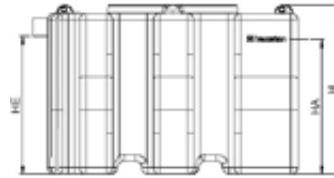
AQUAFIX® STEEL „G“

AQUAFIX® Separators from Polyethylene - Series P

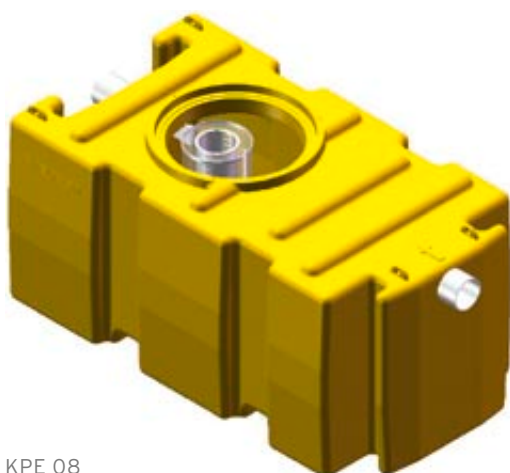
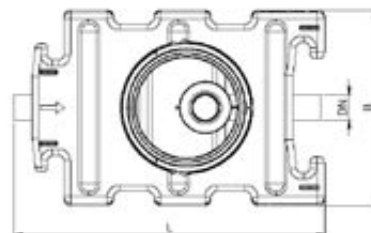
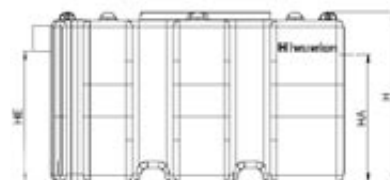
AQUAFIX®10 PE - KPE Coalescence separator



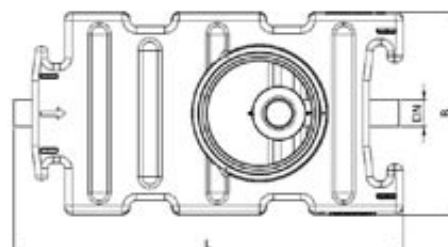
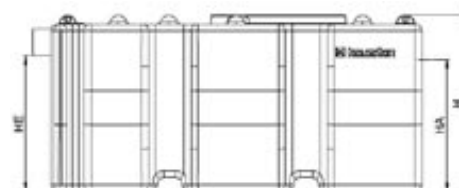
KPE 03



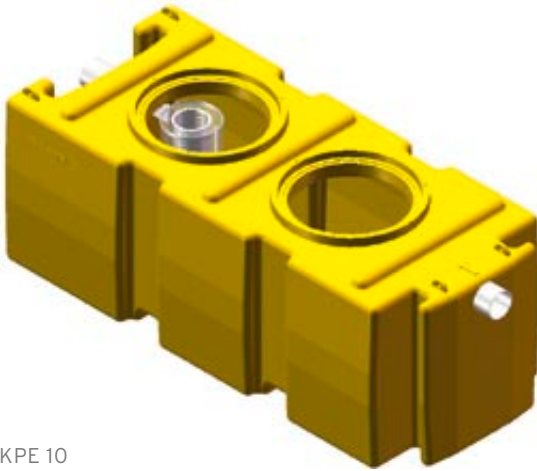
KPE 06



KPE 08



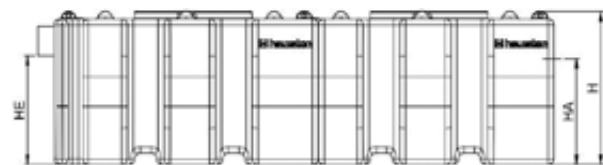
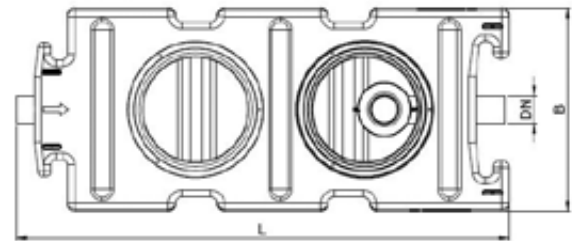
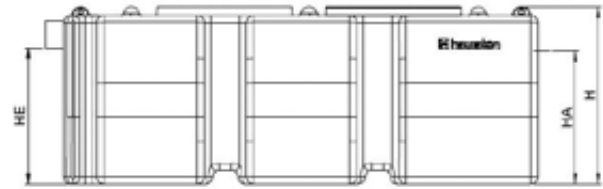
| | Length mm | Width mm | Height mm | max. Flow l/s | ø Separator mm | sludge trap capacity l |
|--------|--------------|-------------|--------------|------------------|-------------------|------------------------------|
| KPE 03 | 1635 | 1200 | 1040 | 3 | - | - |
| KPE 06 | 1810 | 1200 | 1040 | 6 | - | - |
| KPE 08 | 2310 | 1200 | 1040 | 8 | - | - |
| KPE 10 | 2910 | 1200 | 1040 | 10 | - | - |
| KPE 15 | 3515 | 1200 | 1040 | 15 | - | - |



KPE 10



KPE 15



| separator capacity l | DN in-/outlet mm | HE H inlet mm | HA H outlet mm | DNE manhole 1 | DNE manhole 2 | Weight kg | storage capacity l | Item No. |
|-------------------------|------------------------|---------------------|----------------------|------------------|------------------|--------------|--------------------------|-------------|
| 1270 | 110 | 850 | 830 | 700 | - | 107,0 | 153 | 83503P |
| 1435 | 160 | 800 | 780 | 700 | - | 149,0 | 184 | 83506P |
| 1810 | 160 | 800 | 780 | 700 | - | 167,0 | 232 | 83508P |
| 2371 | 160 | 800 | 780 | 700 | 700 | 182,0 | 304 | 83510P |
| 2650 | 200 | 740 | 720 | 700 | 700 | 241,0 | 368 | 83515P |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

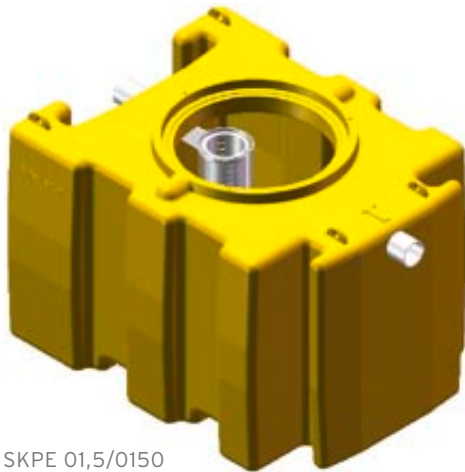
AQUAFIX® „10 PE“

AQUAFIX® „PP“

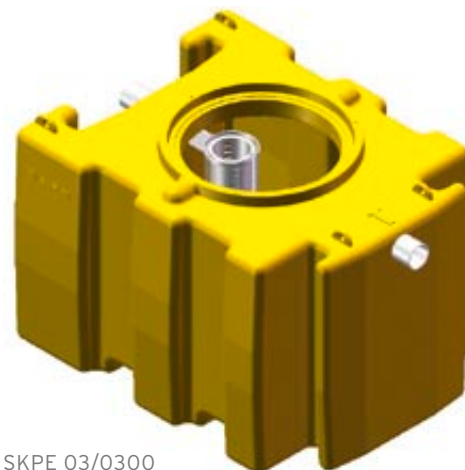
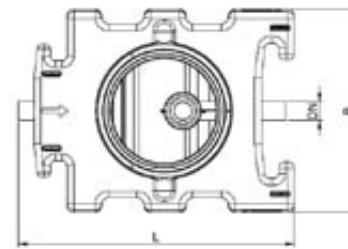
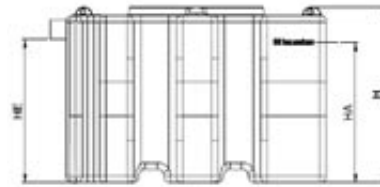
INSTALLATION
INSTRUCTIONS

AQUAFIX® Separators from Polyethylene - Series P

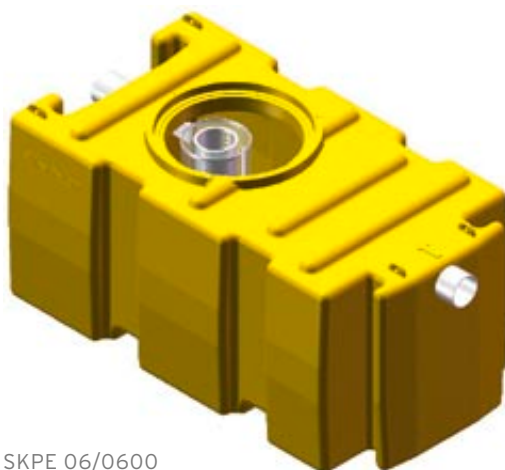
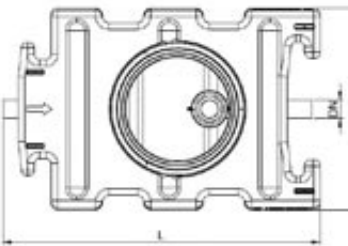
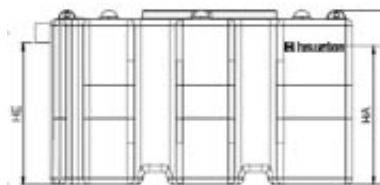
AQUAFIX®10 PE - SKPE Coalescence separator with sludge trap



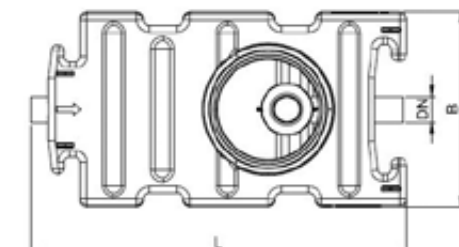
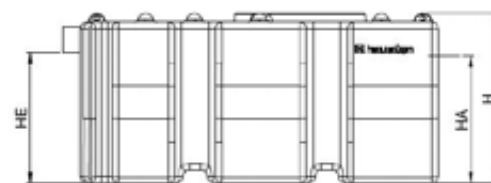
SKPE 01,5/0150



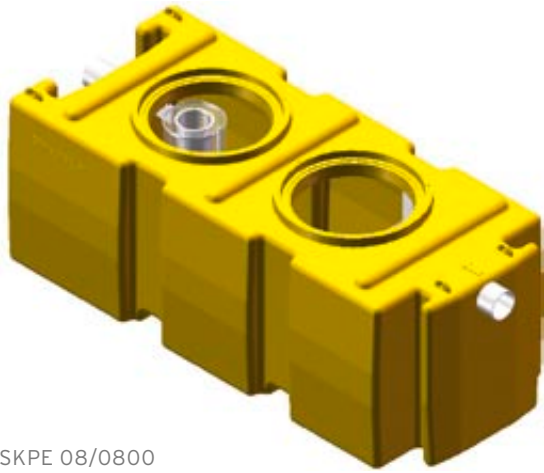
SKPE 03/0300



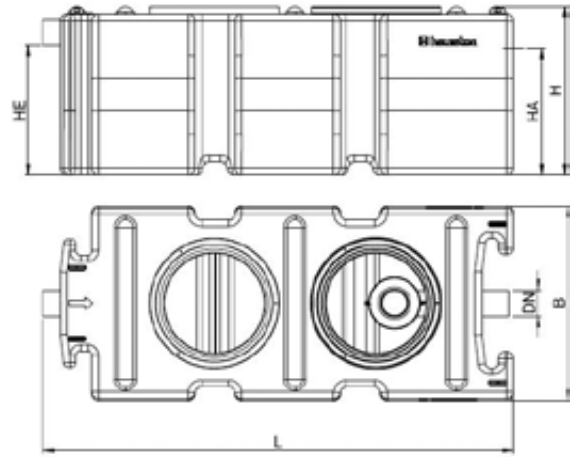
SKPE 06/0600



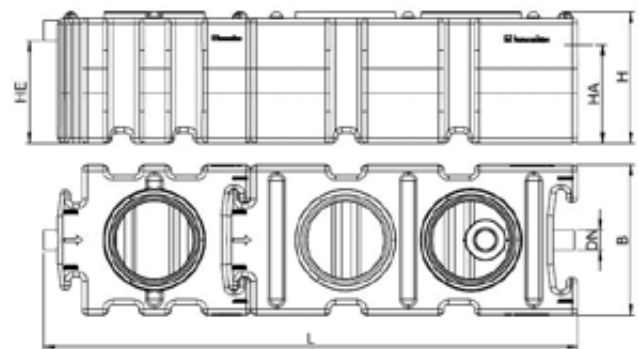
| | Length mm | Width mm | Height mm | max. Flow l/s | ø Separator mm | sludge trap capacity l |
|----------------|--------------|-------------|--------------|------------------|-------------------|------------------------------|
| SKPE 01,5/0150 | 1635 | 1200 | 1040 | 1 | - | 150 |
| SKPE 03/0300 | 1910 | 1200 | 1040 | 3 | - | 300 |
| SKPE 06/0600 | 2310 | 1200 | 1040 | 6 | - | 600 |
| SKPE 08/0800 | 2910 | 1200 | 1040 | 8 | - | 800 |
| SKPE 10/1000 | 4255 | 1200 | 1040 | 10 | - | 1000 |
| SKPE 15/1500 | 4915 | 1200 | 1040 | 15 | - | 1500 |



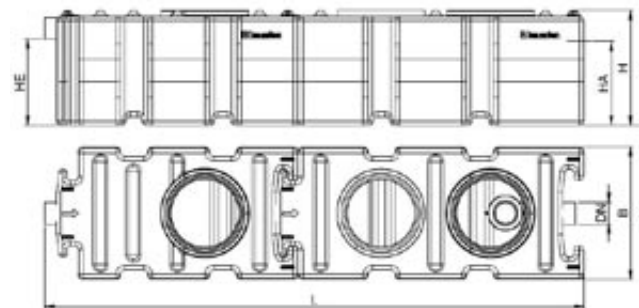
SKPE 08/0800



SKPE 10/1000



SKPE 15/1500



| separator capacity l | DN in-/outlet mm | HE H inlet mm | HA H outlet mm | DNE manhole 1 | DNE manhole 2 | Weight kg | storage capacity l | Item No. |
|-------------------------|------------------------|---------------------|----------------------|------------------|------------------|--------------|--------------------------|-------------|
| 1120 | 110 | 850 | 830 | 700 | - | 116,0 | 153 | 84001P |
| 1227 | 110 | 850 | 830 | 700 | - | 128,0 | 184 | 84003P |
| 1210 | 160 | 800 | 780 | 700 | - | 176,0 | 232 | 84006P |
| 1571 | 160 | 800 | 780 | 700 | 700 | 188,0 | 304 | 84008P |
| 2565 | 160 | 810 | 780 | 700 | 700 | 280,0 | 457 | 84010P |
| 2359 | 200 | 750 | 720 | 700 | 700 | 301,0 | 536 | 84015P |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „k“

AQUAFIX® CONCRETE

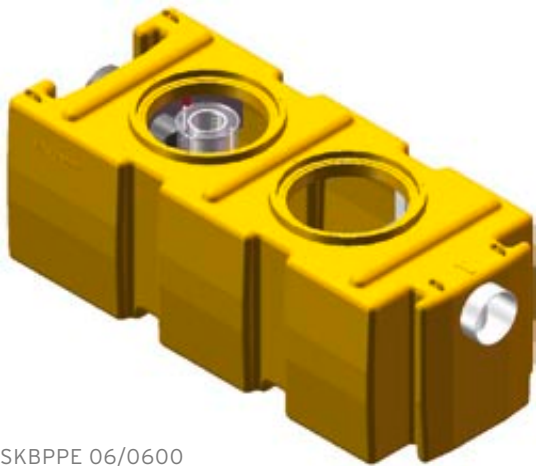
AQUAFIX® „10 PE“

AQUAFIX® „PP“

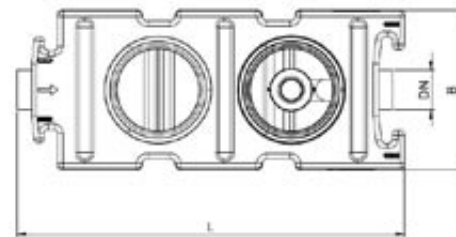
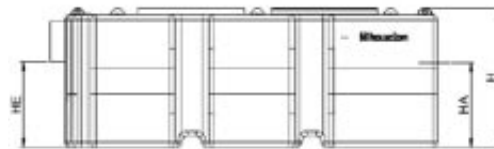
INSTALLATION
INSTRUCTIONS

AQUAFIX® Separators from Polyethylene - Series P

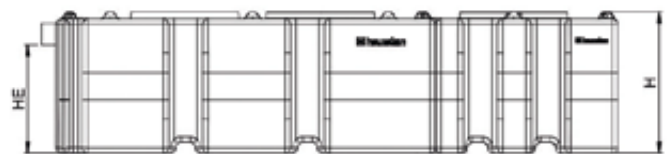
AQUAFIX®10 PE - SKBPPE Coalescence separator with sludge trap and bypass



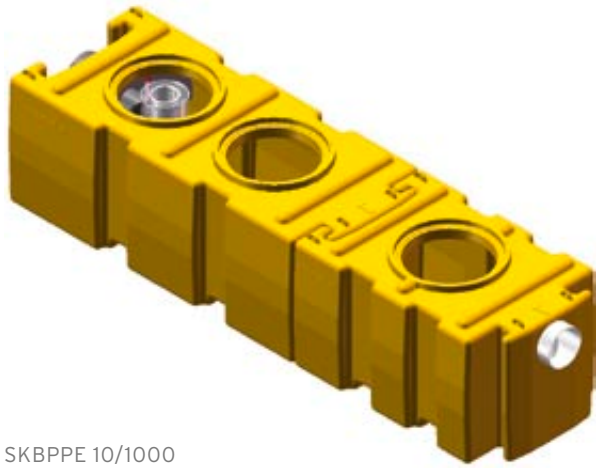
SKBPPE 06/0600



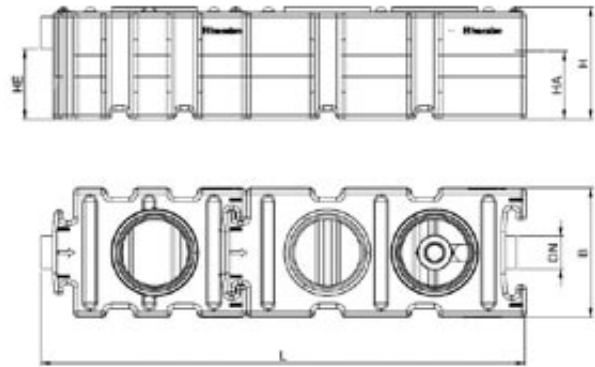
SKBPPE 08/0800



| | Length mm | Width mm | Height mm | max. Flow l/s | ø Separator mm | sludge trap capacity l |
|----------------|--------------|-------------|--------------|------------------|-------------------|------------------------------|
| SKBPPE 06/0600 | 2910 | 1200 | 1040 | 30 | - | 600 |
| SKBPPE 08/0800 | 4255 | 1200 | 1040 | 40 | - | 800 |
| SKBPPE 10/1000 | 4505 | 1200 | 1040 | 50 | - | 1000 |



SKBPPE 10/100



| separator capacity l | DN in-/outlet mm | HE H inlet mm | HA H outlet mm | DNE manhole 1 | DNE manhole 2 | Weight kg | storage capacity l | Item No. |
|-------------------------|------------------------|---------------------|----------------------|------------------|------------------|--------------|--------------------------|-------------|
| 1315 | 300 | 633 | 623 | 700 | 700 | 203,0 | 304 | 86606P |
| 2079 | 300 | 643 | 623 | 700 | 700 | 285,0 | 304 | 86608P |
| 2074 | 300 | 643 | 623 | 700 | 700 | 297,0 | 488 | 86610P |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „k“

AQUAFIX® CONCRETE

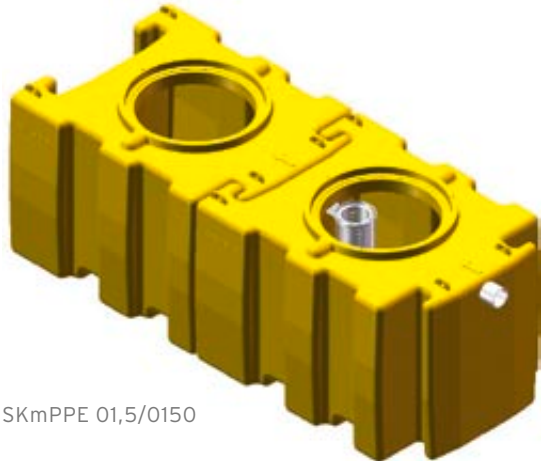
AQUAFIX® „10 PE“

AQUAFIX® „PP“

INSTALLATION
INSTRUCTIONS

AQUAFIX® Separators from Polyethylene - Series P

AQUAFIX®10 PE - SKmPPE Coalescence separator with sludge trap and pump chamber



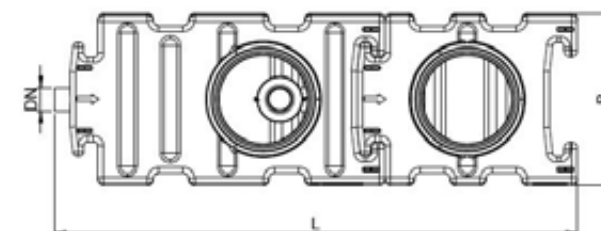
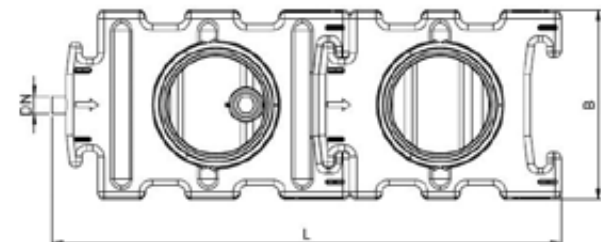
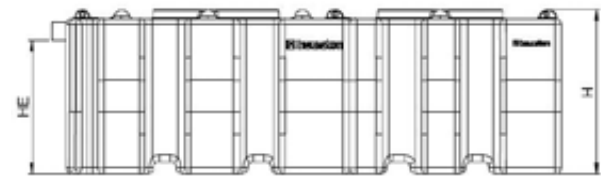
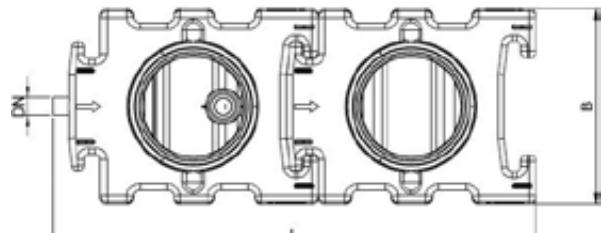
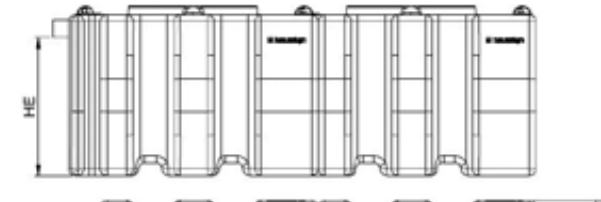
SKmPPE 01,5/0150



SKmPPE 03/0300



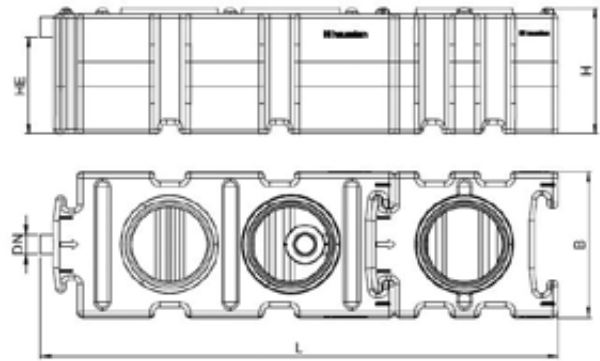
SKmPPE 06/0600



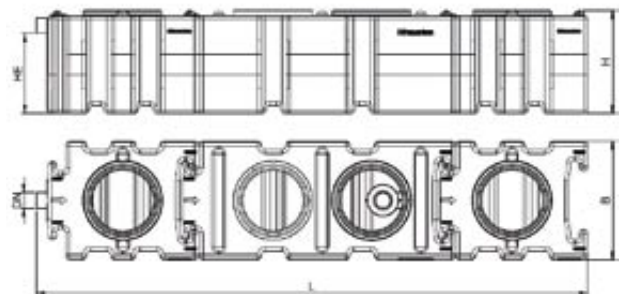
| | Length mm | Width mm | Height mm | max. Flow l/s | ø Separator mm | sludge trap capacity l |
|------------------|--------------|-------------|--------------|------------------|-------------------|------------------------------|
| SKmPPE 01,5/0150 | 2980 | 1200 | 1040 | 1 | - | 150 |
| SKmPPE 03/0300 | 3240 | 1200 | 1040 | 3 | - | 300 |
| SKmPPE 06/0600 | 3655 | 1200 | 1040 | 6 | - | 600 |
| SKmPPE 08/0800 | 4255 | 1200 | 1040 | 8 | - | 800 |
| SKmPPE 10/1000 | 5600 | 1200 | 1040 | 10 | - | 1000 |
| SKmPPE 15/1500 | 6260 | 1200 | 1040 | 15 | - | 1500 |



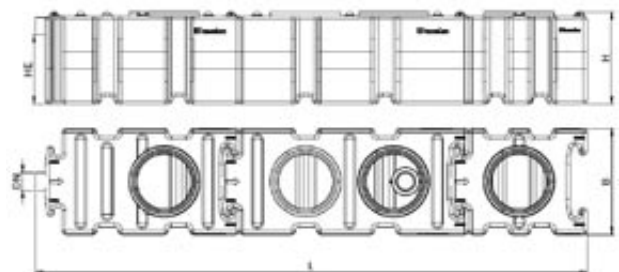
SKmPPE 08/0800



SKmPPE 10/1000



SKmPPE 15/1500



| separator capacity l | DN in-/outlet mm | HE H inlet mm | HA H outlet mm | DNE manhole 1 | DNE manhole 2 | Weight kg | storage capacity l | Item No. |
|-------------------------|------------------------|---------------------|----------------------|------------------|------------------|--------------|--------------------------|-------------|
| 1120 | 110 | 850 | 830 | 700 | 700 | 205,0 | 153 | 84401P |
| 1227 | 110 | 850 | 830 | 700 | 700 | 217,0 | 184 | 84403P |
| 1210 | 160 | 800 | 780 | 700 | 700 | 265,0 | 232 | 84406P |
| 1571 | 160 | 800 | 780 | 700 | 700 | 287,0 | 304 | 84408P |
| 2565 | 160 | 810 | 780 | 700 | 700 | 369,0 | 457 | 84410P |
| 2359 | 200 | 750 | 720 | 700 | 700 | 390,0 | 536 | 84415P |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „k“

AQUAFIX® CONCRETE

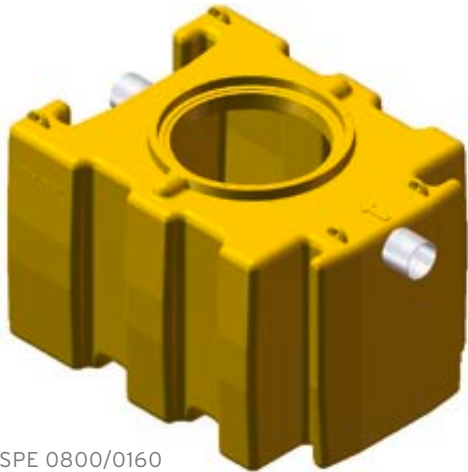
AQUAFIX® „10 PE“

AQUAFIX® „PP“

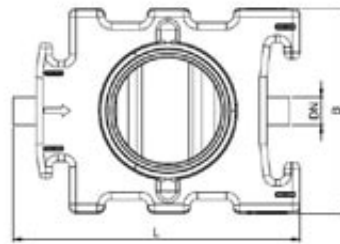
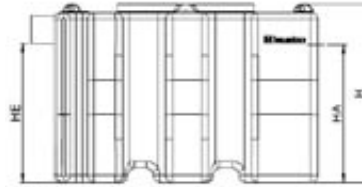
INSTALLATION
INSTRUCTIONS

AQUAFIX® Separators from Polyethylene - Series P

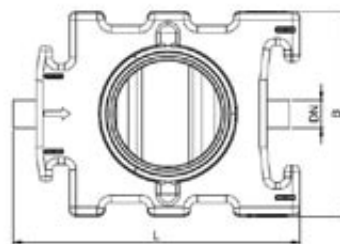
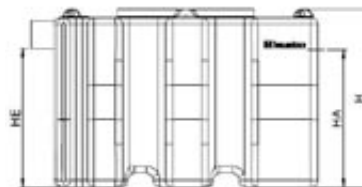
AQUAFIX®10 PE - SPE Sludge trap



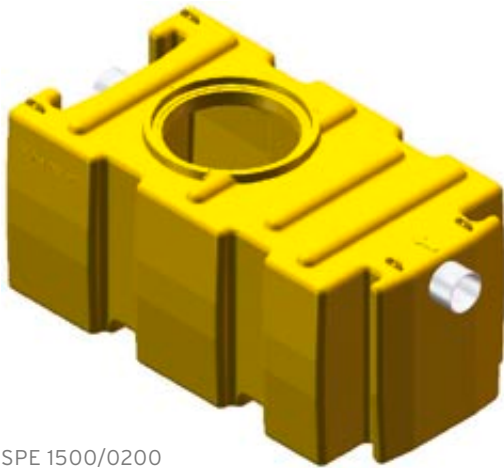
SPE 0800/0160



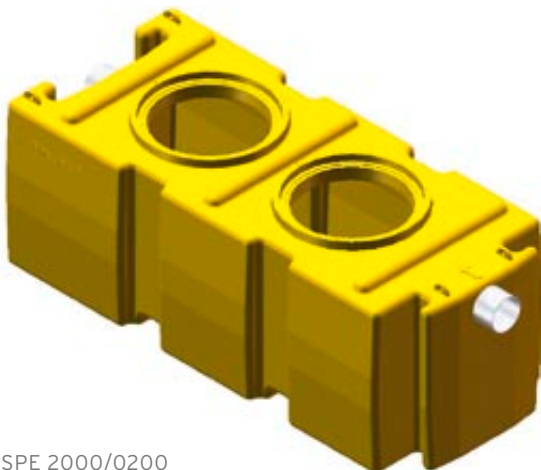
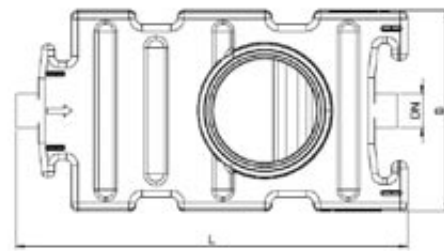
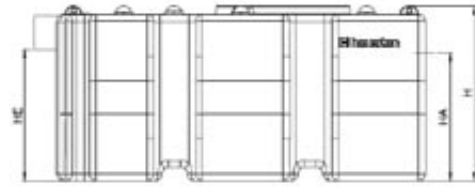
SPE 1000/0160



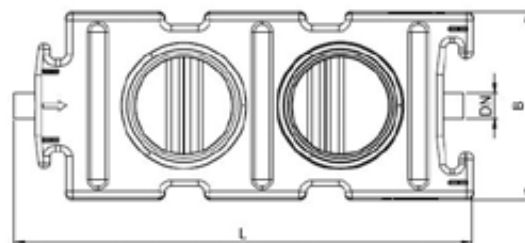
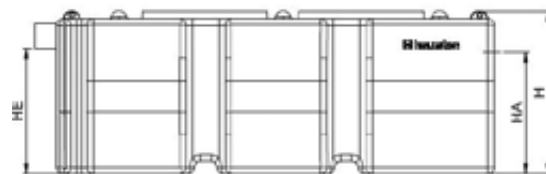
| | Length mm | Width mm | Height mm | max. Flow l/s | ø Separator mm | sludge trap capacity l |
|---------------|--------------|-------------|--------------|------------------|-------------------|------------------------------|
| SPE 0800/0160 | 1675 | 1200 | 1040 | - | - | 1224 |
| SPE 1000/0160 | 1675 | 1200 | 1040 | - | - | 1224 |
| SPE 1500/0200 | 2335 | 1200 | 1040 | - | - | 1717 |
| SPE 2000/0200 | 2935 | 1200 | 1040 | - | - | 2250 |



SPE 1500/0200



SPE 2000/0200



| separator capacity l | DN in-/outlet mm | HE H inlet mm | HA H outlet mm | DNE manhole 1 | DNE manhole 2 | Weight kg | storage capacity l | Item No. |
|-------------------------|------------------------|---------------------|----------------------|------------------|------------------|--------------|--------------------------|-------------|
| - | 160 | 810 | 800 | 700 | - | 92,0 | - | 84308P |
| - | 160 | 810 | 800 | 700 | - | 92,0 | - | 84310P |
| - | 200 | 750 | 740 | 700 | - | 122,0 | - | 84315P |
| - | 200 | 760 | 740 | 700 | 700 | 145,0 | - | 84320P |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

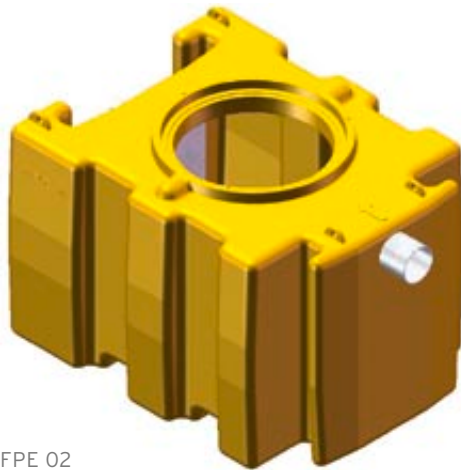
AQUAFIX® „10 PE“

AQUAFIX® „PP“

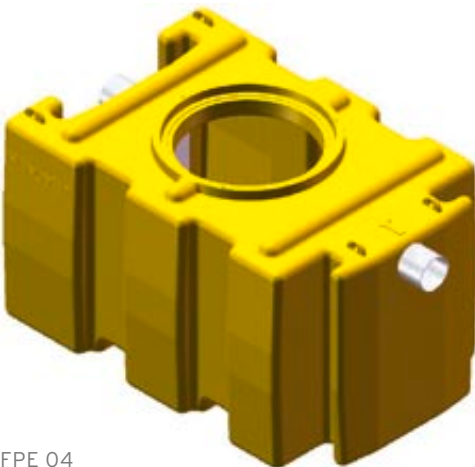
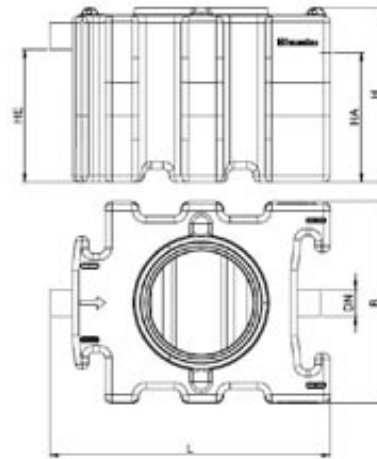
INSTALLATION
INSTRUCTIONS

AQUAFIX® Separators from Polyethylene - Series P

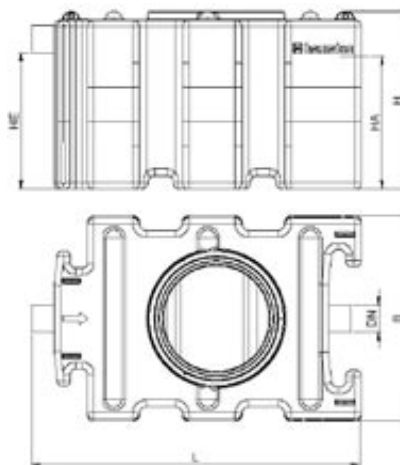
AQUAFIX®10 PE - FPE Grease separator



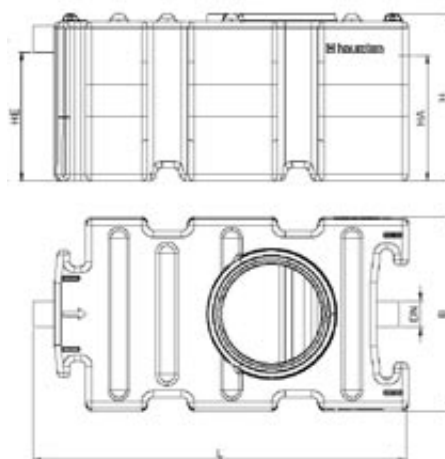
FPE 02



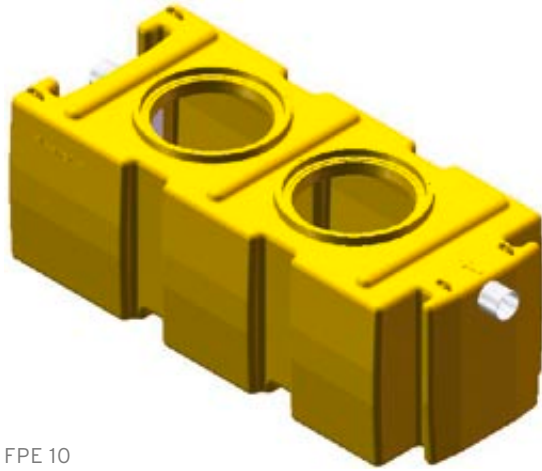
FPE 04



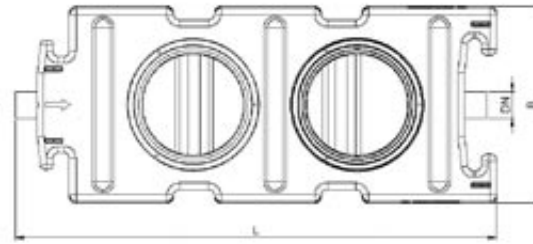
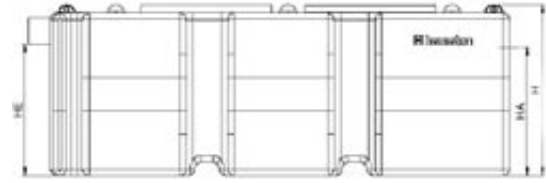
FPE 07



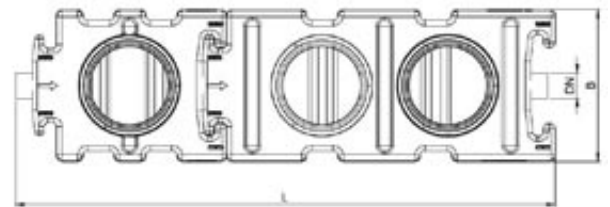
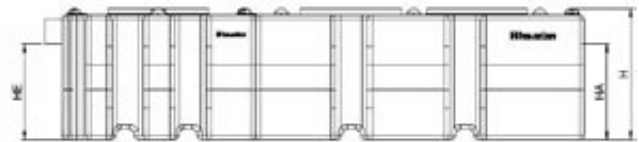
| | Length mm | Width mm | Height mm | max. Flow l/s | Ø Separator mm | sludge trap capacity l |
|--------|--------------|-------------|--------------|------------------|-------------------|------------------------------|
| FPE 02 | 1675 | 1200 | 1040 | 2 | - | - |
| FPE 04 | 1925 | 1200 | 1040 | 4 | - | - |
| FPE 07 | 2330 | 1200 | 1040 | 7 | - | - |
| FPE 10 | 2935 | 1200 | 1040 | 10 | - | - |
| FPE 15 | 4280 | 1200 | 1040 | 15 | - | - |



FPE 10



FPE 15



| separator capacity l | DN in-/outlet mm | HE H inlet mm | HA H outlet mm | DNE manhole 1 | DNE manhole 2 | Weight kg | storage capacity l | Item No. |
|-------------------------|------------------------|---------------------|----------------------|------------------|------------------|--------------|--------------------------|-------------|
| 1178 | 160 | 790 | 770 | 700 | - | 95,0 | 153 | 85002P |
| 1435 | 160 | 800 | 780 | 700 | - | 107,0 | 184 | 85004P |
| 1810 | 160 | 800 | 780 | 700 | 700 | 124,0 | 232 | 85007P |
| 2371 | 160 | 800 | 780 | 700 | 700 | 141,0 | 304 | 85010P |
| 3382 | 200 | 760 | 740 | 700 | 700 | 238,0 | 457 | 85015P |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

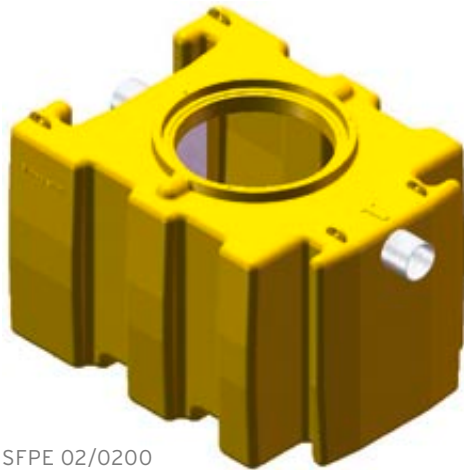
AQUAFIX® „10 PE“

AQUAFIX® „PP“

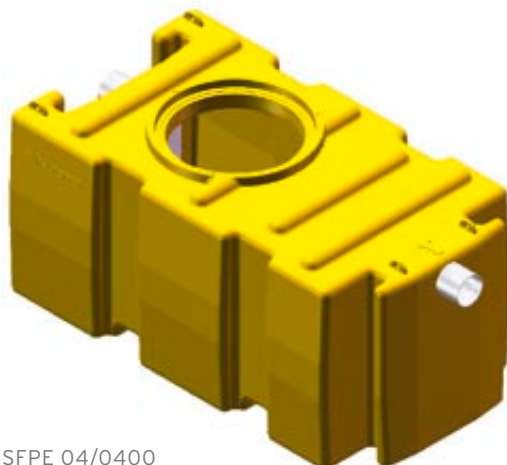
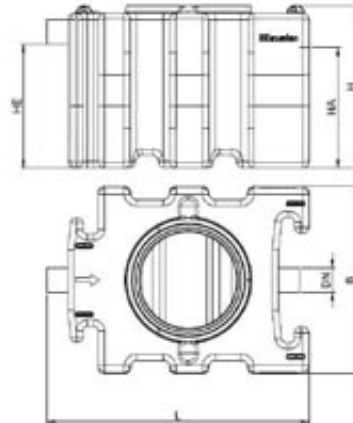
INSTALLATION
INSTRUCTIONS

AQUAFIX® Separators from Polyethylene - Series P

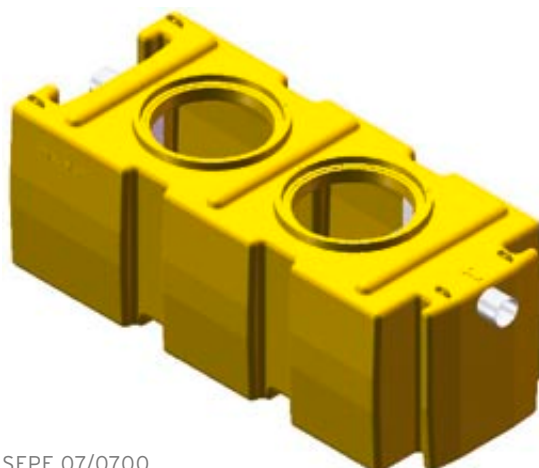
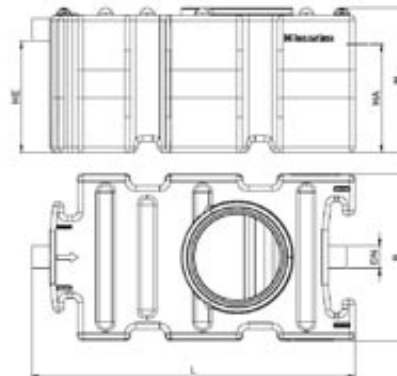
AQUAFIX®10 PE - SFPE Grease separator with sludge trap



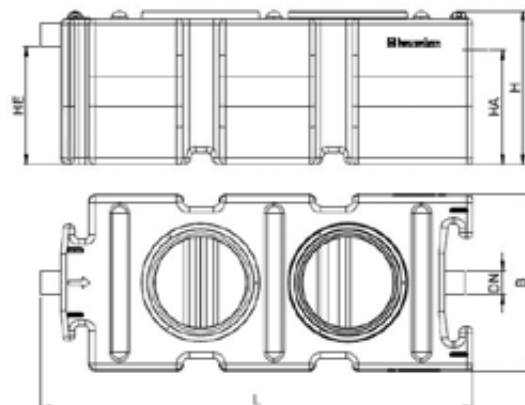
SFPE 02/0200



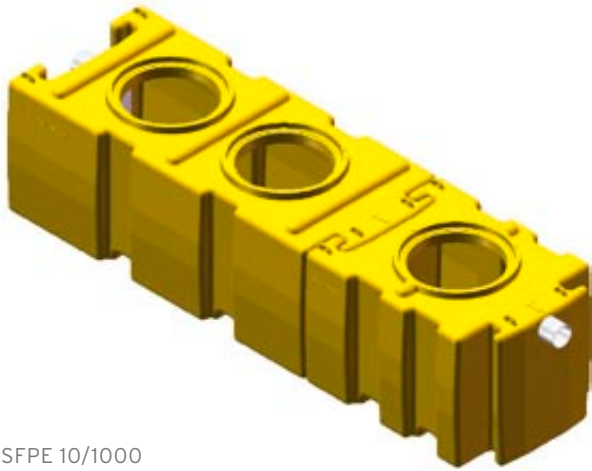
SFPE 04/0400



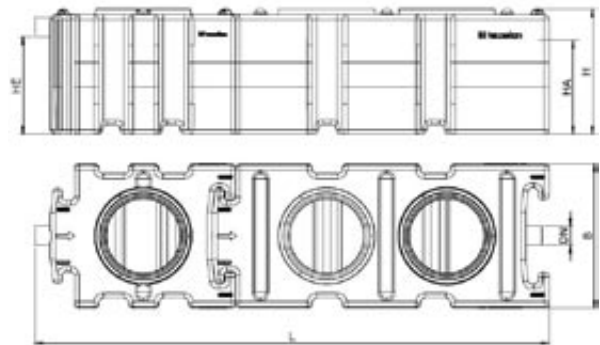
SFPE 07/0700



| | Length mm | Width mm | Height mm | max. Flow l/s | ø Seperator mm | sludge trap capacity l |
|--------------|--------------|-------------|--------------|------------------|-------------------|------------------------------|
| SFPE 02/0200 | 1675 | 1200 | 1040 | 2 | - | 200 |
| SFPE 04/0400 | 2335 | 1200 | 1040 | 4 | - | 400 |
| SFPE 07/0700 | 2935 | 1200 | 1040 | 7 | - | 700 |
| SFPE 10/1000 | 4280 | 1200 | 1040 | 10 | - | 1000 |



SFPE 10/1000



| separator capacity l | DN in-/outlet mm | HE H inlet mm | HA H outlet mm | DNE manhole 1 | DNE manhole 2 | Weight kg | storage capacity l | Item No. |
|-------------------------|------------------------|---------------------|----------------------|------------------|------------------|--------------|--------------------------|-------------|
| 993 | 160 | 800 | 780 | 700 | - | 103,0 | 153 | 85302P |
| 1210 | 160 | 800 | 780 | 700 | 700 | 134,0 | 232 | 85304P |
| 1671 | 160 | 800 | 780 | 700 | 700 | 156,0 | 304 | 85307P |
| 2565 | 160 | 810 | 780 | 700 | 700 | 238,0 | 457 | 85310P |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

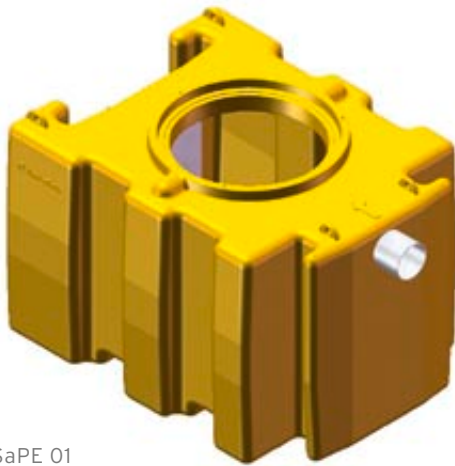
AQUAFIX® „10 PE“

AQUAFIX® „PP“

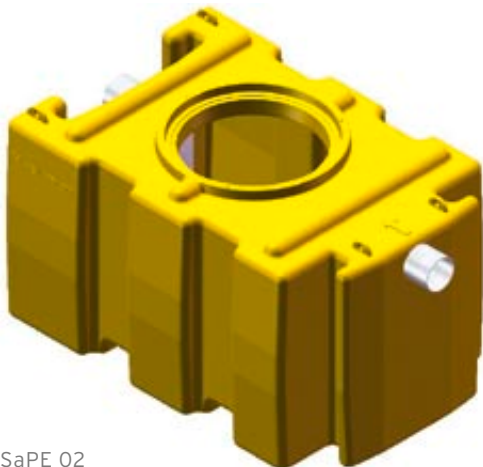
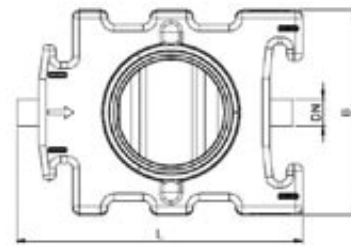
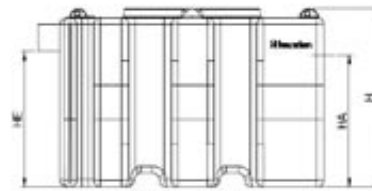
INSTALLATION
INSTRUCTIONS

AQUAFIX® Separators from Polyethylene - Series P

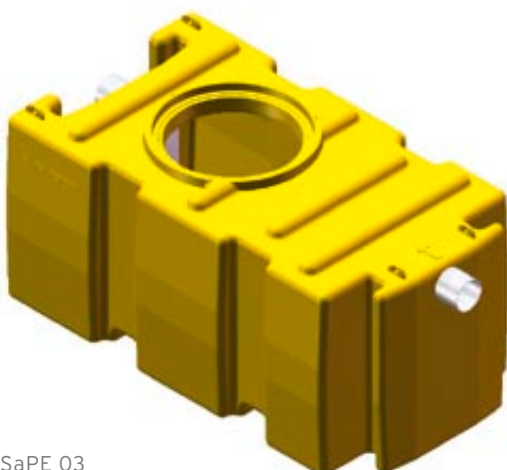
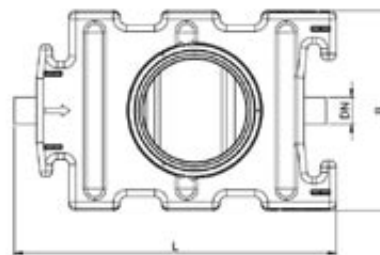
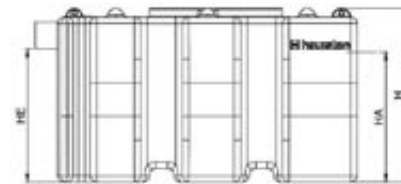
AQUAFIX®10 PE - SAPE Starch separator



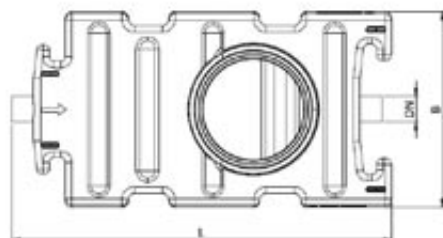
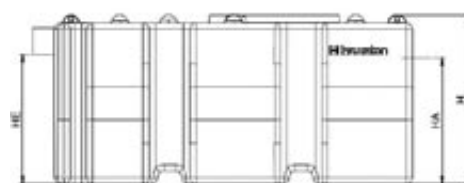
SaPE 01



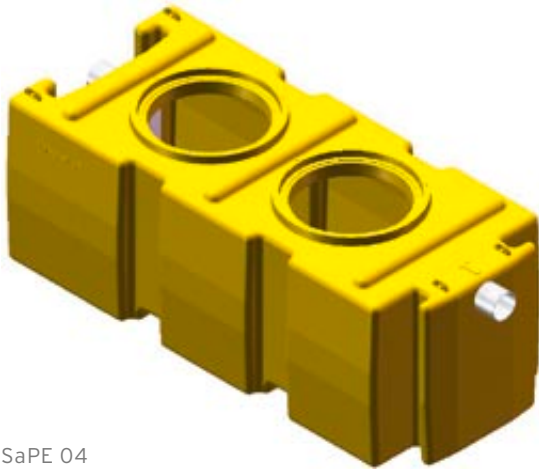
SaPE 02



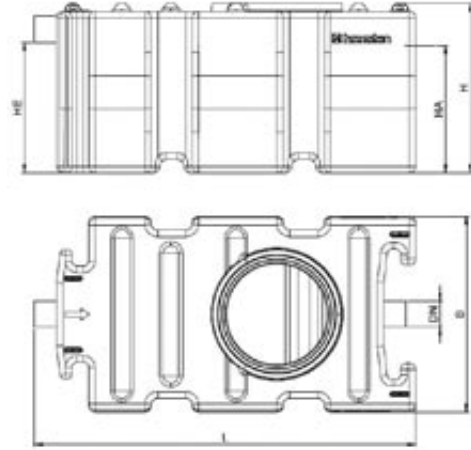
SaPE 03



| | Length mm | Width mm | Height mm | max. Flow l/s | ø Separator mm | sludge trap capacity l |
|---------|--------------|-------------|--------------|------------------|-------------------|------------------------------|
| SaPE 01 | 1675 | 1200 | 1040 | 1 | - | - |
| SaPE 02 | 1935 | 1200 | 1040 | 2 | - | - |
| SaPE 03 | 2335 | 1200 | 1040 | 3 | - | - |
| SaPE 04 | 2935 | 1200 | 1040 | 4 | - | - |



SaPE 04



| separator capacity l | DN in-/outlet mm | HE H inlet mm | HA H outlet mm | DNE manhole 1 | DNE manhole 2 | Weight kg | storage capacity l | Item No. |
|-------------------------|------------------------|---------------------|----------------------|------------------|------------------|--------------|--------------------------|-------------|
| 1178 | 160 | 790 | 770 | 700 | - | 93,0 | 153 | 86201P |
| 1435 | 160 | 800 | 780 | 700 | - | 102,0 | 184 | 86202P |
| 1810 | 160 | 800 | 780 | 700 | - | 124,0 | 232 | 86203P |
| 2371 | 160 | 800 | 780 | 700 | 700 | 145,0 | 304 | 86204P |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

AQUAFIX® „10 PE“

AQUAFIX® „PP“

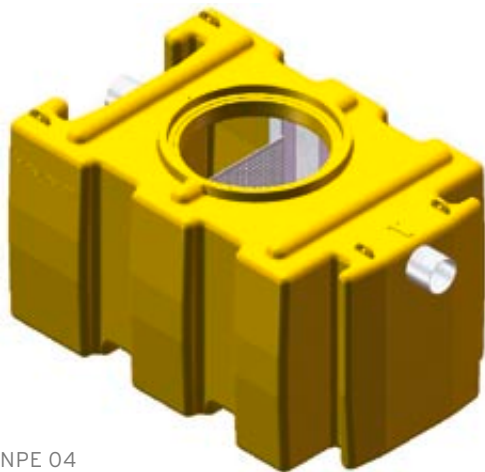
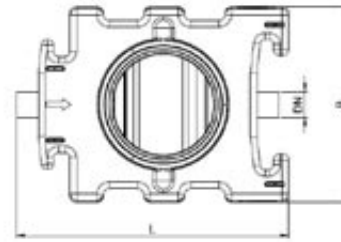
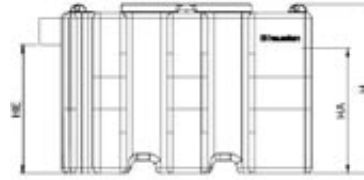
INSTALLATION
INSTRUCTIONS

AQUAFIX® Separators from Polyethylene - Series P

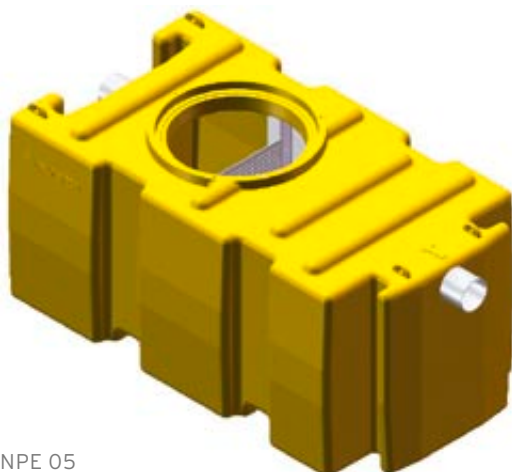
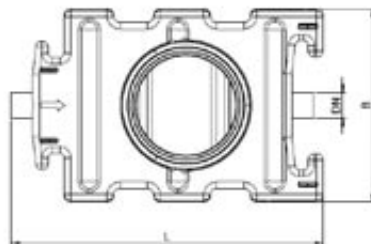
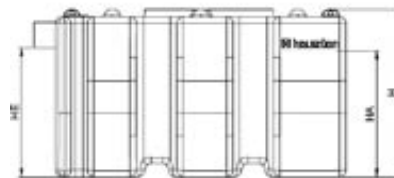
AQUAFIX®10 PE - NPE Battery acid neutraliser



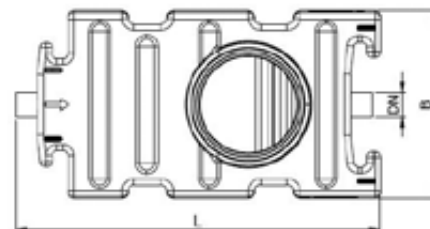
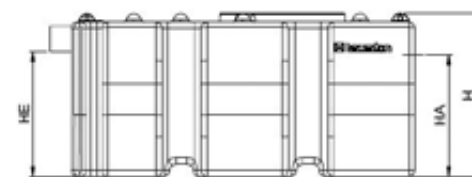
NPE 03



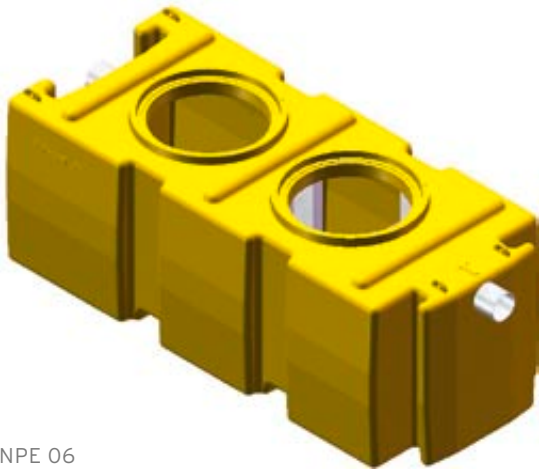
NPE 04



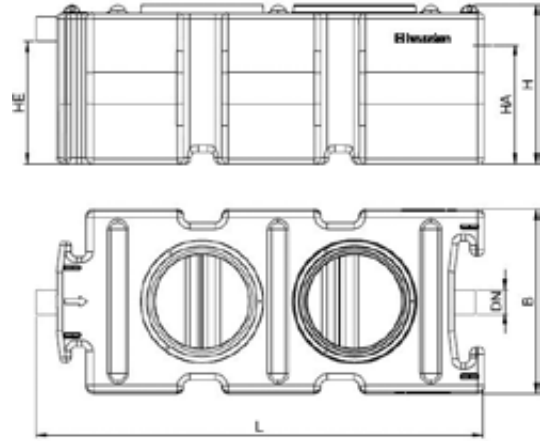
NPE 05



| | Length mm | Width mm | Height mm | max. Flow l/s | ø Separator mm | sludge trap capacity l |
|--------|--------------|-------------|--------------|------------------|-------------------|------------------------------|
| NPE 03 | 1675 | 1200 | 1040 | 3 | - | - |
| NPE 04 | 1935 | 1200 | 1040 | 4 | - | - |
| NPE 05 | 2335 | 1200 | 1040 | 5 | - | - |
| NPE 06 | 2935 | 1200 | 1040 | 6 | - | - |



NPE 06



AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

AQUAFIX® „10 PE“

AQUAFIX® „PP“

INSTALLATION
INSTRUCTIONS

| separator capacity l | DN in-/outlet mm | HE H inlet mm | HA H outlet mm | DNE manhole 1 | DNE manhole 2 | Weight kg | storage capacity l | Item No. |
|-------------------------|------------------------|---------------------|----------------------|------------------|------------------|--------------|--------------------------|-------------|
| 1193 | 160 | 800 | 780 | 700 | - | 107,0 | - | 86903P |
| 1435 | 160 | 800 | 780 | 700 | - | 119,0 | - | 86904P |
| 1810 | 160 | 800 | 780 | 700 | - | 137,0 | - | 86905P |
| 2371 | 160 | 800 | 780 | 700 | 700 | 160,0 | - | 86906P |

AQUAFIX® SEPARATORS

INSTALLATION INSTRUCTIONS

SEPARATORS SERIES „10 PE“ MADE OF POLYETHYLENE

INSTALLATION ADVISES FOR AQUAFIX® SEPARATORS SERIES „10 PE“ MADE OF POLYETHYLENE

Installation in frequented areas.

1. The system must be installed below ground.
2. Place the system on a stable base (concrete) in a horizontal position.
3. Connect the inlet and the outlet to the sewage system.
4. Connect the height adaptation equipment if necessary, and adjust the height thereof depending on the nature of the terrain.
5. Fill the system with clean water, packing layers of sand around the equipment.
6. If the system is being installed in a frequented area a 400 kN cast iron cover must be provided. The cast iron lid is attached to the self-supporting concrete base and sealed, whereby the edge of the floor (height and reinforcement must be calculated) serves as a base.
7. Manual transport on side can be done easily with steel bars which can be put through the holes of the outer stop rings.

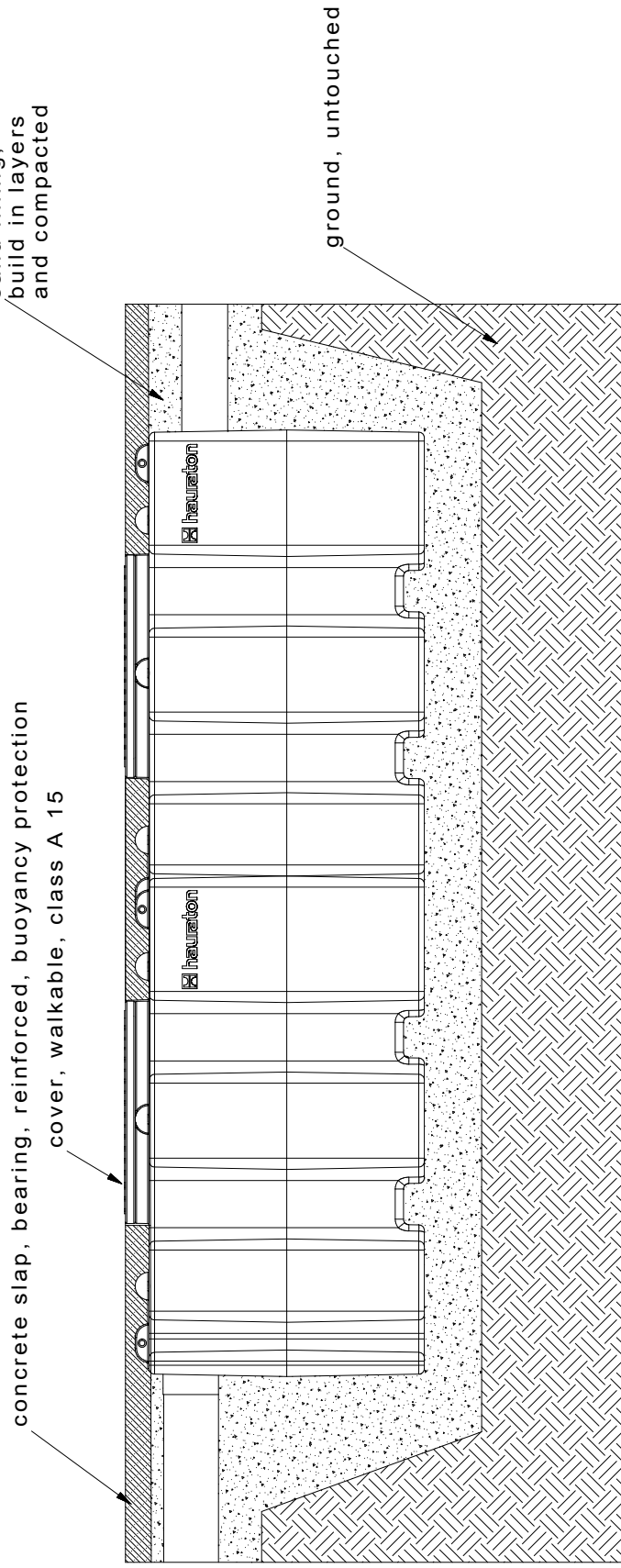
Installation outside frequented areas.

1. The system must be installed below ground.
2. Place the system on a compressed earth or concrete base in a horizontal position.
3. Connect the inlet and the outlet to the sewage system.
4. If necessary, attach the height adapter and adjust the height thereof depending on the nature of the top edge of the ground.
5. Fill the system with clean water, packing layers of sand down around the system.
6. If several height adapters are required, a self-supporting concrete base must be made (base height and reinforcement must be calculated).
7. Manual transport on side can be done easily with steel bars which can be put through the holes of the outer stop rings.

INSTALLATION DRAWING

Installation drawing separators series 10 PE

walable areas - loading capacity A 15



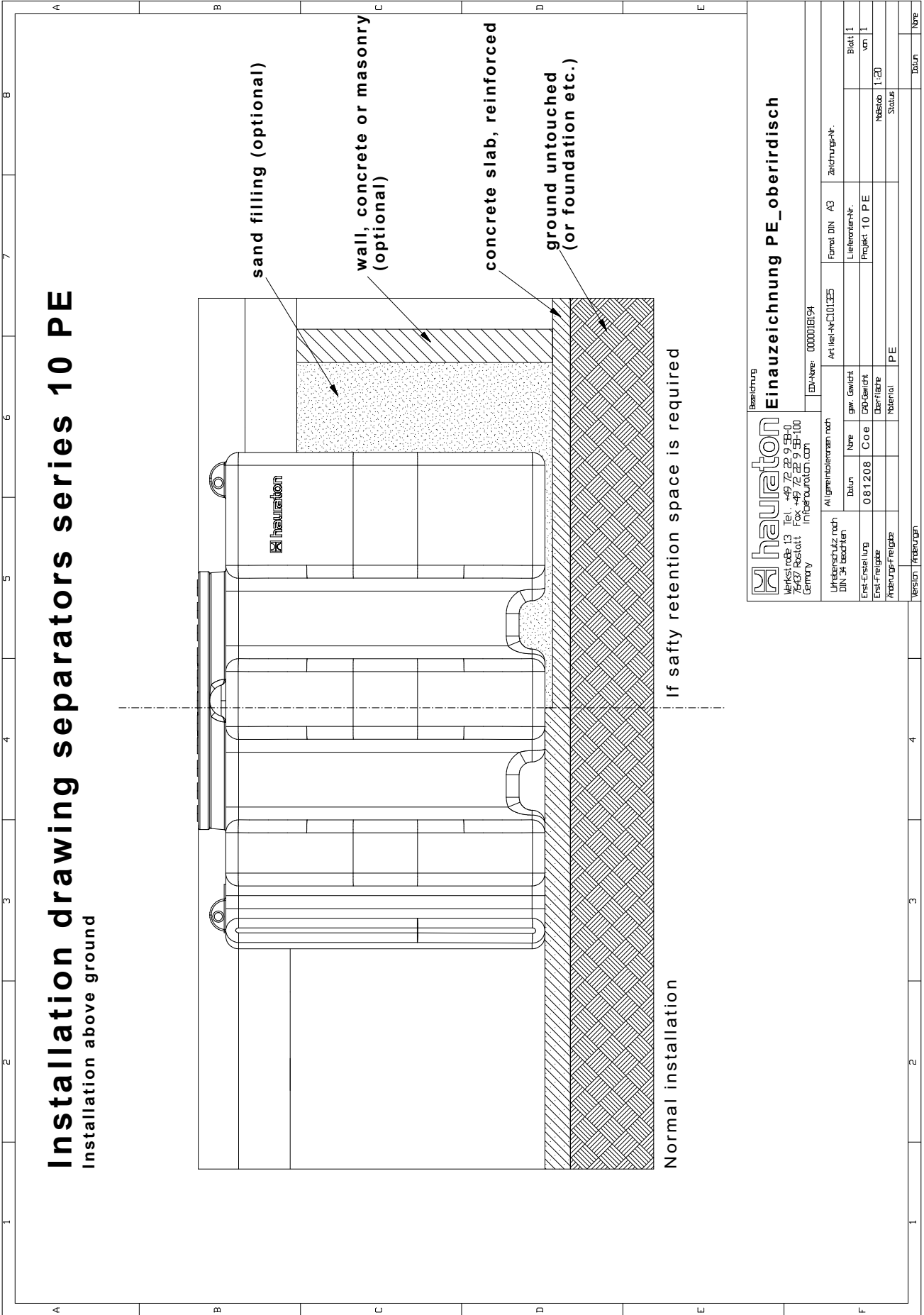
Installation at minor depth,
 Separator is protected against buoyancy
 by concrete slab on top!
 Separator should be filled with water
 during placement of sand,
 filling continuously.

| | | | |
|---|--|---------------------------------------|--|
| <p>Werkstraße 13, Tel. +49 72 28 9 58-0 76437 Restorf, Fax: +49 72 28 9 58-100 Germany info@hauration.com</p> | | <p>Einbauzeichnung PE_KI_A_ger_as</p> | |
| <p>Uhrzeigerschütz nach DIN 38 360/361</p> | | <p>Artikel-Nr. C1015E0</p> | |
| <p>Erst-Einstellung</p> | | <p>Format DIN A3</p> | |
| <p>Abmessungen</p> | | <p>Lieferanten-Nr.</p> | |
| <p>Datum</p> | | <p>Projekt 10 PE</p> | |
| <p>08.12.08</p> | | <p>Blatt 1</p> | |
| <p>C.O.E</p> | | <p>von 1</p> | |
| <p>0,00-Gewicht</p> | | <p>Material</p> | |
| <p>kg</p> | | <p>PE</p> | |
| <p>0,00-Gewicht</p> | | <p>Status</p> | |
| <p>kg</p> | | <p>1:50</p> | |
| <p>0,00-Gewicht</p> | | <p>Datum</p> | |
| <p>kg</p> | | <p>Nr.</p> | |
| <p>0,00-Gewicht</p> | | <p>Version</p> | |
| <p>kg</p> | | <p>Prüfungen</p> | |

INSTALLATION DRAWING

Installation drawing separators series 10 PE

Installation above ground



| | | | |
|---|-------------------|---|--|
| hauaton Werkstraße 13 Tel. +49 72 22 9 55-0 76437 Rastatt Fax +49 72 22 9 55-100 Germany info@hauaton.com | | EDW-Nr.: 000019194 | |
| Bezeichnung Einauzeichnung PE_oberirdisch | | Formel DIN A3 Zeichnungs-Nr. | |
| Artikelbezeichnungen nach | | Artikel-Nr. 101325 | |
| Umriss nach DIN 24 (bochten) | Datum 08.12.08 | gsm. Gewicht C 0 e | Lieferanten-Nr. Projekt 10 PE |
| Erst-Erstellung Produktions-Freigabe | Name C 0 e | Dwg-Gewicht Darf.fläche Material PE | Blatt 1 von 1 Nebenblatt 1, 20 Status |
| Version: | Änderungen: | Datum: | Name: |

AQUAFIX® SEPARATORS

INSTALLATION INSTRUCTIONS

SEPARATORS SERIES „10 PE“ MADE OF POLYETHYLENE

OPERATION AND MAINTENANCE OF AQUAFIX® LIGHT LIQUID SEPARATORS SERIES „10 PE“ MADE OF POLYETHYLENE

□ Before start-up

1. Clean entire system and remove residual mortar, soil etc.
2. Fill sludge trap and separator with fresh water.
Please ensure that water level is same in all chambers of tank, and .ll in sequence!
3. Re-check joints of system for leaks.

□ Operation

Separator must be drained at least every six months, but should not be allowed to .ll to more than 85% of its storage capacity. Cleaning must occur more often if the storage capacity of the separator or sludge trap is exceeded. Operation must not be interrupted.

All separated material must be drained, cleaned and taken away for disposal by an approved disposal company. Please empty the separator and the sludge trap of this type of system at the same time if possible. First extract the oil layer from the system and then the layer of water beneath it, into separate tanks if possible. Clean float and seal every time the system is emptied and check operation thereof.

With coalescence separators: If the coalescence material is soiled, remove coalescence material, clean above sludge trap, give damaged coalescence material to disposal company and replace with new material. Replace coalescence material. Refill system with fresh water whenever it is emptied and cleaned.

OPERATION AND MAINTENANCE OF AQUAFIX® GREASE SEPARATOR SERIES „10 PE“ MADE OF POLYETHYLENE

□ Before start-up

Clean entire system and remove any residual mortar, soil etc. if necessary. Fill entire system with fresh water. Check joints of system for leaks.

□ Operation

As well as the maintenance guide, the following instructions must be followed for the entire system: EN 1825 Grease separating systems

Local water removal regulations and other instructions
Only sewage that does not have a detrimental effect on the intended operation of the separator must be led to the separator. It is particularly important to prevent domestic sewage and light mineral liquids from entering the separator. Do not allow rainwater to enter the system.

□ Disposal

1. Grease separators must be cleaned at least once per month, possibly more frequently. Cleaning must take place more frequently if the separator or sludge trap storage capacity is exceeded. The operation of the separator must not be affected.
2. Have all separated material drained, cleaned and taken away by an approved disposal company.
3. Fill entire system with fresh water after it has been emptied and drained.
4. Use mobile ladders when entering the system.
Extract vapour/air mixture beforehand. Pay attention to accident prevention regulations!

□ Maintenance

The separator must be serviced at least once per month. The system must be drained and cleaned in order to do this. Carefully check that all system components are in good working order and undamaged. Then refill system with fresh water. It is **extremely important to observe the accident prevention regulations!**

AQUAFIX® SEPARATORS

SERIES „PP” MADE OF POLYPROPYLENE
ONE SYSTEM FOR ALL CASES.





AT A GLANCE:

- ✓ 6 to 12 mm wall thickness
- ✓ light --> installation on site is possible without crane
- ✓ high stability (self standing construction)

AQUAFIX[®] SEPARATORS

SERIES „PP“ MADE OF POLYPROPYLENE
ONE SYSTEM FOR ALL CASES.

FEATURES

- 6 to 12 mm wall thickness
- stop rings to handle in horizontal und vertical position
- buoyancy protection
- according standards EN 858 or EN 1825
- wide openings
- for light liquid separators:
 - automatic closing device easy to remove
 - coalescence cell easy to remove
- sample taking device can be integrated

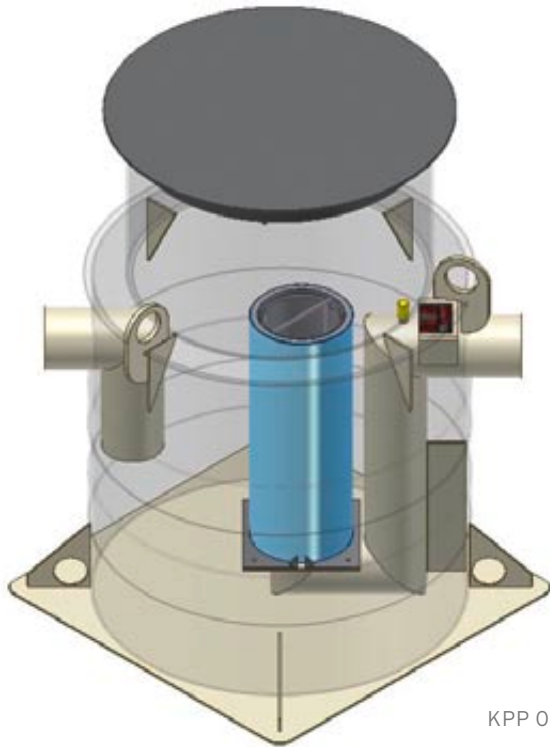
EXTENSIONS

Extension 500 mm included, adjustment rings 500 mm can be supplied. Covers in class A or D available.

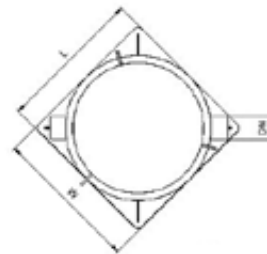
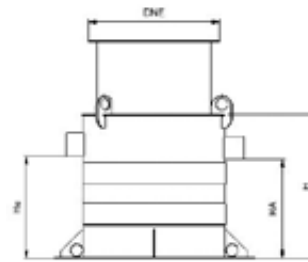


AQUAFIX® Separators from Polypropylene - Series H

AQUAFIX® - KPP Coalescence separator

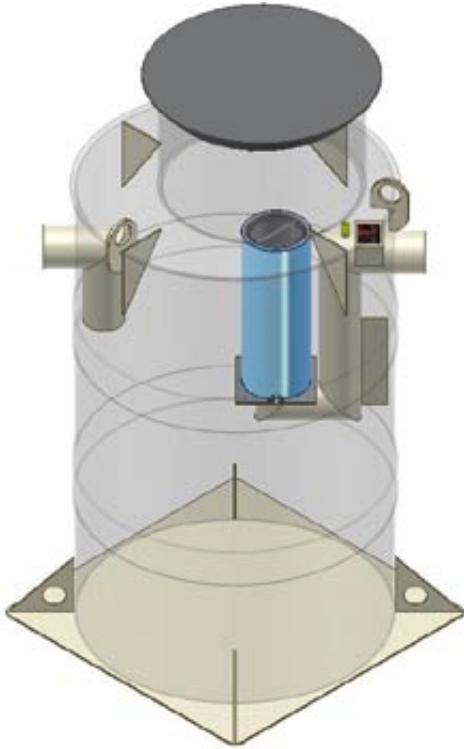


KPP 04

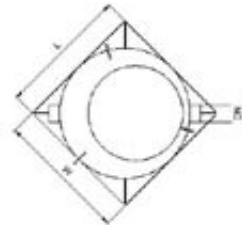
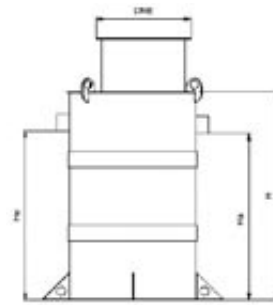


| | Length mm | Width mm | Height mm | max. \varnothing Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outLet mm | HE H inlet mm | HA H outlet mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capa- city l | Item No. |
|--------|--------------|-------------|--------------|-----------------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
| KPP 04 | 700 | 700 | 1044 | 4 | 588 | - | 191 | 100 | 706 | 681 | 600 | - | 30,0 | 57 | 283504 |
| KPP 06 | 850 | 850 | 1500 | 6 | 788 | - | 339 | 150 | 706 | 681 | 800 | - | 57,0 | 101 | 283506 |
| KPP 10 | 1000 | 1000 | 1496 | 10 | 938 | - | 478 | 150 | 702 | 677 | 800 | - | 67,0 | 142 | 283510 |
| KPP 15 | 1240 | 1240 | 1749 | 15 | 1174 | - | 1140 | 200 | 853 | 828 | 800 | - | 144,0 | 226 | 283515 |
| KPP 20 | 1500 | 1500 | 1749 | 20 | 1414 | - | 1325 | 200 | 853 | 828 | 800 | - | 161,0 | 321 | 283520 |

AQUAFIX® - SKPP Coalescence separator with sludge trap



SKPP 04/0400



| | Length mm | Width mm | Height mm | max. Ø Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outLet mm | HE H inlet mm | HA H outlet mm | DNE manho- le 1 | DNE manho- le 2 | Weight kg | storage capa- city l | Item No. |
|--|--------------|-------------|--------------|-----------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
|--|--------------|-------------|--------------|-----------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|

| | | | | | | | | | | | | | | | |
|--------------|------|------|------|----|------|------|------|-----|------|------|-----|---|-------|-----|--------|
| SKPP 04/0400 | 1000 | 1000 | 1840 | 4 | 938 | 424 | 478 | 100 | 1071 | 1046 | 800 | - | 67,0 | 142 | 284004 |
| SKPP 06/0600 | 1000 | 1000 | 2345 | 6 | 938 | 603 | 478 | 150 | 1551 | 1526 | 800 | - | 82,0 | 142 | 284006 |
| SKPP 06/1200 | 1240 | 1240 | 2480 | 6 | 1174 | 1211 | 551 | 150 | 1604 | 1579 | 800 | - | 120,0 | 226 | 284106 |
| SKPP 10/1000 | 1240 | 1240 | 2480 | 10 | 1174 | 1011 | 751 | 150 | 1604 | 1579 | 800 | - | 120,0 | 226 | 284010 |
| SKPP 10/2500 | 1500 | 1500 | 3074 | 10 | 1418 | 2500 | 1084 | 150 | 2198 | 2173 | 800 | - | 160,0 | 353 | 284110 |
| SKPP 15/1500 | 1500 | 1500 | 2704 | 15 | 1414 | 1547 | 1325 | 200 | 1808 | 1783 | 800 | - | 230,0 | 353 | 284015 |
| SKPP 15/3000 | 2000 | 2000 | 2804 | 15 | 1886 | 3023 | 2364 | 200 | 1908 | 1883 | 800 | - | 280,0 | 573 | 284115 |
| SKPP 20/2000 | 2000 | 2000 | 2446 | 20 | 1886 | 2020 | 2364 | 200 | 1550 | 1525 | 800 | - | 256,0 | 573 | 284020 |
| SKPP 20/4000 | 2500 | 2500 | 2654 | 20 | 2356 | 4026 | 3670 | 200 | 1758 | 1733 | 800 | - | 340,0 | 890 | 284120 |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

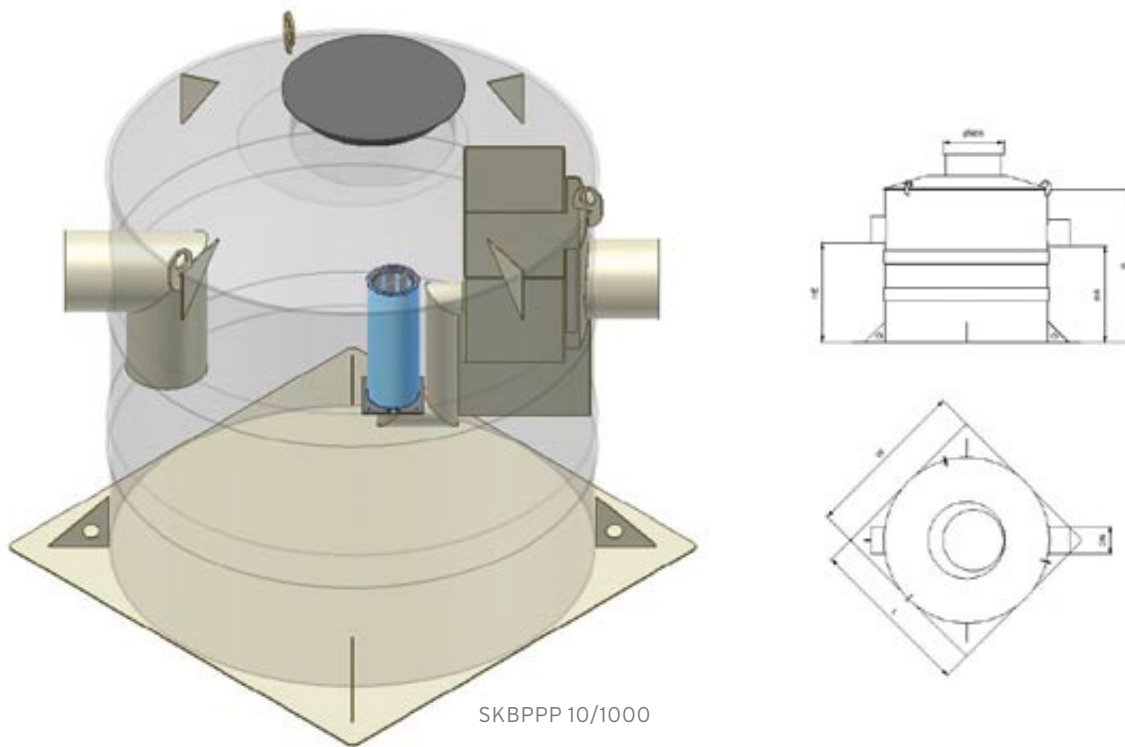
AQUAFIX® „10 PE“

AQUAFIX® „PP“

INSTALLATION
INSTRUCTIONS

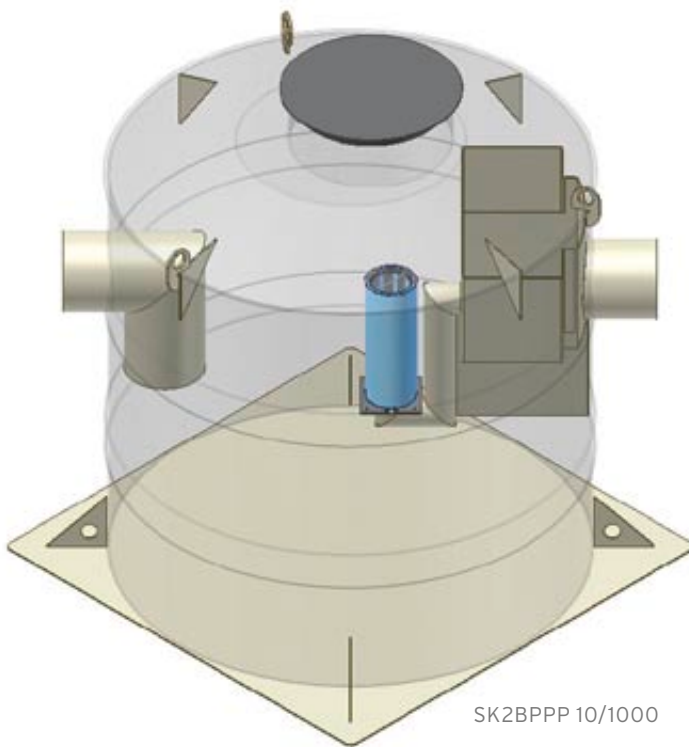
AQUAFIX® Separators from Polypropylene - Series H

AQUAFIX® - SKBPPP Coalescence separator with sludge trap and bypass

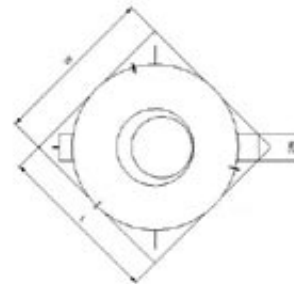
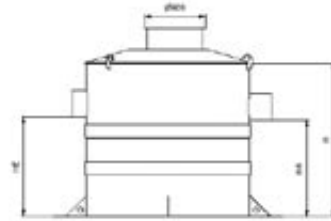


| | Length mm | Width mm | Height mm | max. \varnothing Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outLet mm | HE H inlet mm | HA H outlet mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capa- city l | Item No. |
|-------------------|--------------|-------------|--------------|-----------------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
| SKBPPP 10/1000 | 2500 | 2500 | 2374 | 50 | 2356 | 1001 | 3621 | 300 | 1110 | 1060 | 800 | - | 320,0 | 890 | 283610 |
| SKBPPP 10/1000 | 2500 | 2500 | 2772 | 50 | 2356 | 1441 | 5049 | 300 | 1510 | 1460 | 800 | - | 350,0 | 890 | 283610 |
| SKBPPP 15/1500 | 2500 | 2500 | 2674 | 75 | 2356 | 1501 | 4023 | 400 | 1317 | 1267 | 800 | - | 350,0 | 890 | 283615 |
| SKBPPP 15/1500 | 2500 | 2500 | 3074 | 75 | 2356 | 1842 | 5583 | 400 | 1717 | 1667 | 800 | - | 380,0 | 890 | 283615 |

AQUAFIX® - SK2BPPP Coalescence separator with sludge trap and doublebypass



SK2BPPP 10/1000



| | Length mm | Width mm | Height mm | max. ϕ Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outLet mm | HE H inlet mm | HA H outlet mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capa- city l | Item No. |
|--|--------------|-------------|--------------|----------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
|--|--------------|-------------|--------------|----------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|

| | | | | | | | | | | | | | | | |
|--------------------|------|------|------|-----|------|------|------|-----|------|------|-----|---|-------|-----|--------|
| SK2BPPP 10/1000 | 2500 | 2500 | 2474 | 100 | 2356 | 1001 | 3869 | 400 | 1167 | 1117 | 800 | - | 335,0 | 890 | 283010 |
| SK2BPPP 10/1000 | 2500 | 2500 | 2774 | 100 | 2356 | 1441 | 4871 | 400 | 1467 | 1417 | 800 | - | 340,0 | 890 | 283010 |
| SK2BPPP 15/1500 | 2500 | 2500 | 2774 | 150 | 2356 | 1501 | 4241 | 500 | 1367 | 1317 | 800 | - | 360,0 | 890 | 283015 |
| SK2BPPP 15/1500 | 2500 | 2500 | 3074 | 150 | 2356 | 1842 | 5361 | 500 | 1667 | 1617 | 800 | - | 380,0 | 890 | 283015 |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „K“

AQUAFIX® CONCRETE

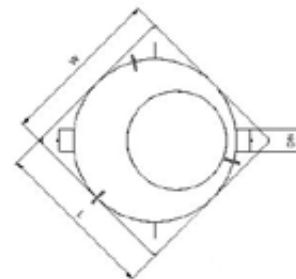
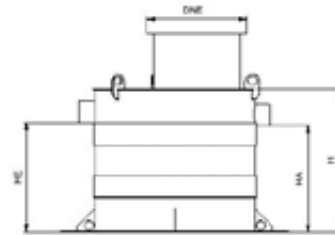
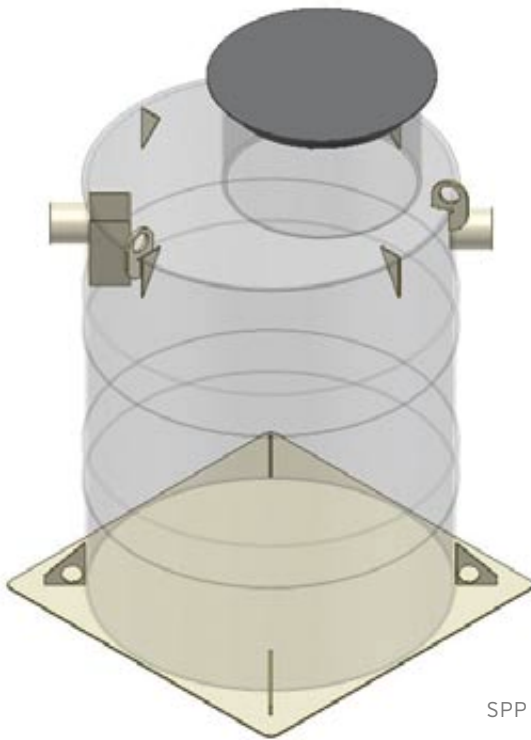
AQUAFIX® „10 PE“

AQUAFIX® „PP“

INSTALLATION
INSTRUCTIONS

AQUAFIX® Separators from Polypropylene - Series H

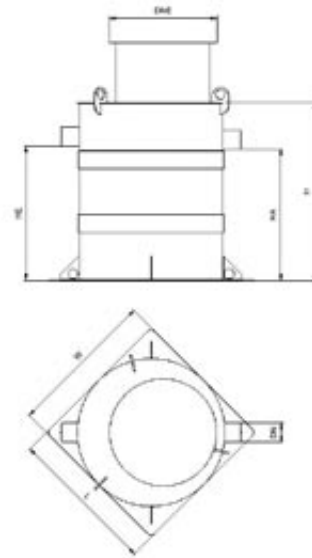
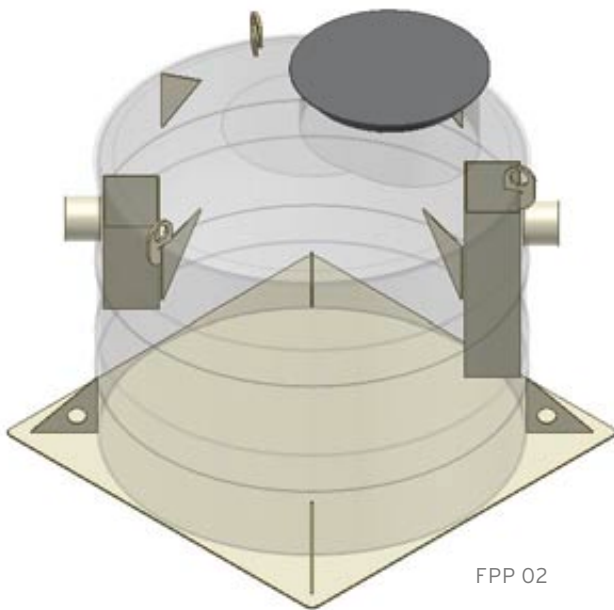
AQUAFIX® - SPP Sludge trap



SPP 0600/06

| | Length mm | Width mm | Height mm | max. ϕ Sepe- rator Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outLet mm | HE H inlet mm | HA H outlet mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capa- city l | Item No. |
|----------------|--------------|-------------|--------------|---|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
| SPP 0600/06 | 1000 | 1000 | 1675 | - | 938 | 607 | - | 150 | 881 | 856 | 800 | - | 54,0 | - | 284306 |
| SPP 1000/10 | 1240 | 1240 | 1727 | - | 1174 | 1008 | - | 150 | 935 | 910 | 800 | - | 78,0 | - | 284310 |
| SPP 1500/15 | 1500 | 1500 | 1804 | - | 1414 | 1545 | - | 200 | 990 | 965 | 800 | - | 128,0 | - | 284315 |
| SPP 2000/20 | 1500 | 1500 | 2097 | - | 1414 | 2016 | - | 200 | 1283 | 1258 | 800 | - | 140,0 | - | 284320 |
| SPP 2500/10 | 1500 | 1500 | 2449 | - | 1414 | 2615 | - | 150 | 1655 | 1630 | 800 | - | 160,0 | - | 284325 |
| SPP 2500/20 | 1500 | 1500 | 2097 | - | 1414 | 2581 | - | 200 | 1283 | 1258 | 800 | - | 160,0 | - | 284326 |

AQUAFIX® - FPP Grease separator



| | Length mm | Width mm | Height mm | max. ϕ Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outLet mm | HE H inlet mm | HA H outlet mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capa- city l | Item No. |
|-----------|--------------|-------------|--------------|----------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
| FPP 02 | 1000 | 1000 | 1694 | 2 | 938 | - | 567 | 150 | 825 | 800 | 800 | - | 60,0 | 157 | 285002 |
| FPP 04 | 1240 | 1240 | 1998 | 4 | 1174 | - | 1223 | 150 | 1127 | 1102 | 800 | - | 83,0 | 226 | 285004 |
| FPP 07 | 1500 | 1500 | 2224 | 7 | 1414 | - | 2008 | 200 | 1278 | 1251 | 800 | - | 160,0 | 321 | 285007 |
| FPP 10 | 2000 | 2000 | 2011 | 10 | 1886 | - | 3008 | 200 | 1078 | 1053 | 800 | - | 196,0 | 573 | 285010 |
| FPP 15/20 | 2500 | 2500 | 2219 | 20 | 2356 | - | 5561 | 200 | 1278 | 1253 | 800 | - | 270,0 | 890 | 285020 |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „k“

AQUAFIX® CONCRETE

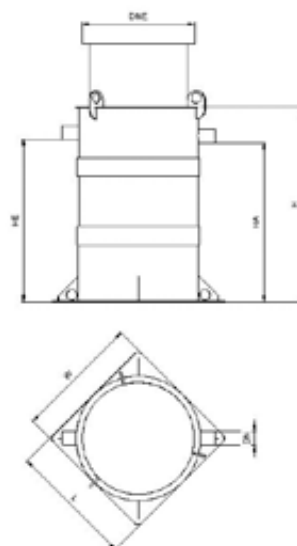
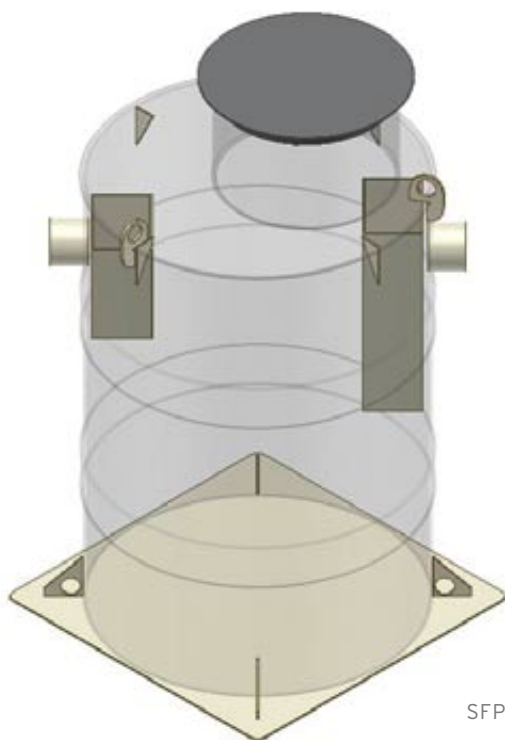
AQUAFIX® „10 PE“

AQUAFIX® „PP“

INSTALLATION
INSTRUCTIONS

AQUAFIX® Separators from Polypropylene - Series H

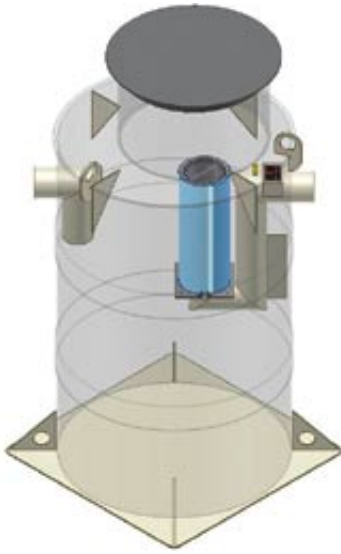
AQUAFIX® - SFPP Grease separator with sludge trap



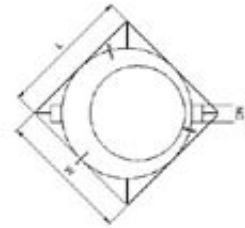
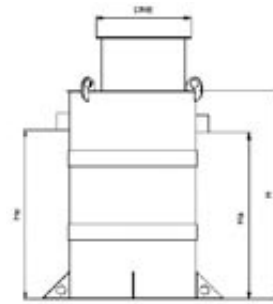
SFPP 02/0200

| | Length mm | Width mm | Height mm | max. Ø Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outLet mm | HE H inlet mm | HA H outlet mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capa- city l | Item No. |
|-----------------|--------------|-------------|--------------|-----------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
| SFPP 02/0200 | 1000 | 1000 | 2035 | 2 | 938 | 213 | 592 | 150 | 1166 | 1141 | 800 | - | 66,0 | 157 | 285302 |
| SFPP 02/0400 | 1000 | 1000 | 2305 | 2 | 938 | 411 | 585 | 150 | 1436 | 1411 | 800 | - | 71,0 | 157 | 285303 |
| SFPP 04/0400 | 1200 | 1200 | 2307 | 4 | 1174 | 423 | 1140 | 150 | 1436 | 1411 | 800 | - | 90,0 | 226 | 285304 |
| SFPP 04/0800 | 1240 | 1240 | 2654 | 4 | 1174 | 806 | 1140 | 150 | 1803 | 1778 | 800 | - | 98,0 | 226 | 285305 |
| SFPP 07/0700 | 1500 | 1500 | 2654 | 7 | 1414 | 715 | 1983 | 200 | 1708 | 1683 | 800 | - | 180,0 | 353 | 285307 |
| SFPP 07/1400 | 1500 | 1500 | 3104 | 7 | 1414 | 1429 | 1983 | 200 | 2158 | 2133 | 800 | - | 200,0 | 353 | 285308 |
| SFPP 10/1000 | 2000 | 2000 | 2116 | 10 | 1886 | 1003 | 2292 | 200 | 1183 | 1158 | 800 | - | 203,0 | 573 | 285310 |
| SFPP 10/2000 | 2000 | 2000 | 2466 | 10 | 1890 | 2006 | 2292 | 200 | 1533 | 1508 | 800 | - | 227,0 | 573 | 285311 |

AQUAFIX® - MINI separators



SKPP 01,5/0150 H



| | Length mm | Width mm | Height mm | max. ϕ Flow l/s | Sepe- rator mm | sludge trap capa- city l | sepa- rator capa- city l | DN in-/ outLet mm | HE H inlet mm | HA H outlet mm | DNE man- hole 1 | DNE man- hole 2 | Weight kg | storage capa- city l | Item No. |
|--|--------------|-------------|--------------|----------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|
|--|--------------|-------------|--------------|----------------------------|----------------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------|-----------------------|-----------------------|--------------|-------------------------------|-------------|

| | | | | | | | | | | | | | | | |
|---------------------|---|---|------|---|-----|-----|----|-----|-----|-----|-----|---|------|----|---------|
| SKPP 01,5/0150 H | - | - | 1000 | 1 | 588 | 130 | 85 | 100 | 801 | 776 | 600 | - | 18,0 | 28 | 84604HU |
| SKPP 01,5/0150 H | - | - | 1000 | 1 | 588 | 130 | 85 | 100 | 801 | 776 | 600 | - | 18,0 | 28 | 84602HU |

AQUAFIX® STEEL „G“

AQUAFIX® STEEL „k“

AQUAFIX® CONCRETE

AQUAFIX® „10 PE“

AQUAFIX® „PP“

INSTALLATION
INSTRUCTIONS

AQUAFIX® SEPARATORS

INSTALLATION INSTRUCTIONS

SEPARATORS SERIES „PP“ MADE OF POLYPROPYLENE

INSTALLATION ADVISES FOR AQUAFIX® SEPARATORS SERIES „PP“ MADE OF POLYPROPYLENE

Installation in a frequented area

1. The system must be installed below ground.
2. Place the system on a stable base (concrete) in a horizontal position.
3. Connect the inlet and the outlet to the sewage system.
4. Connect the height adaptation equipment if necessary, and adjust the height thereof depending on the nature of the terrain.
5. Fill the system with clean water, packing layers of sand around the equipment.
6. If the system is being installed in a frequented area a 400 kN cast iron cover must be provided. The cast iron lid is attached to the selfsupporting concrete base and sealed, whereby the edge of the floor (height and reinforcement must be calculated) serves as a base.

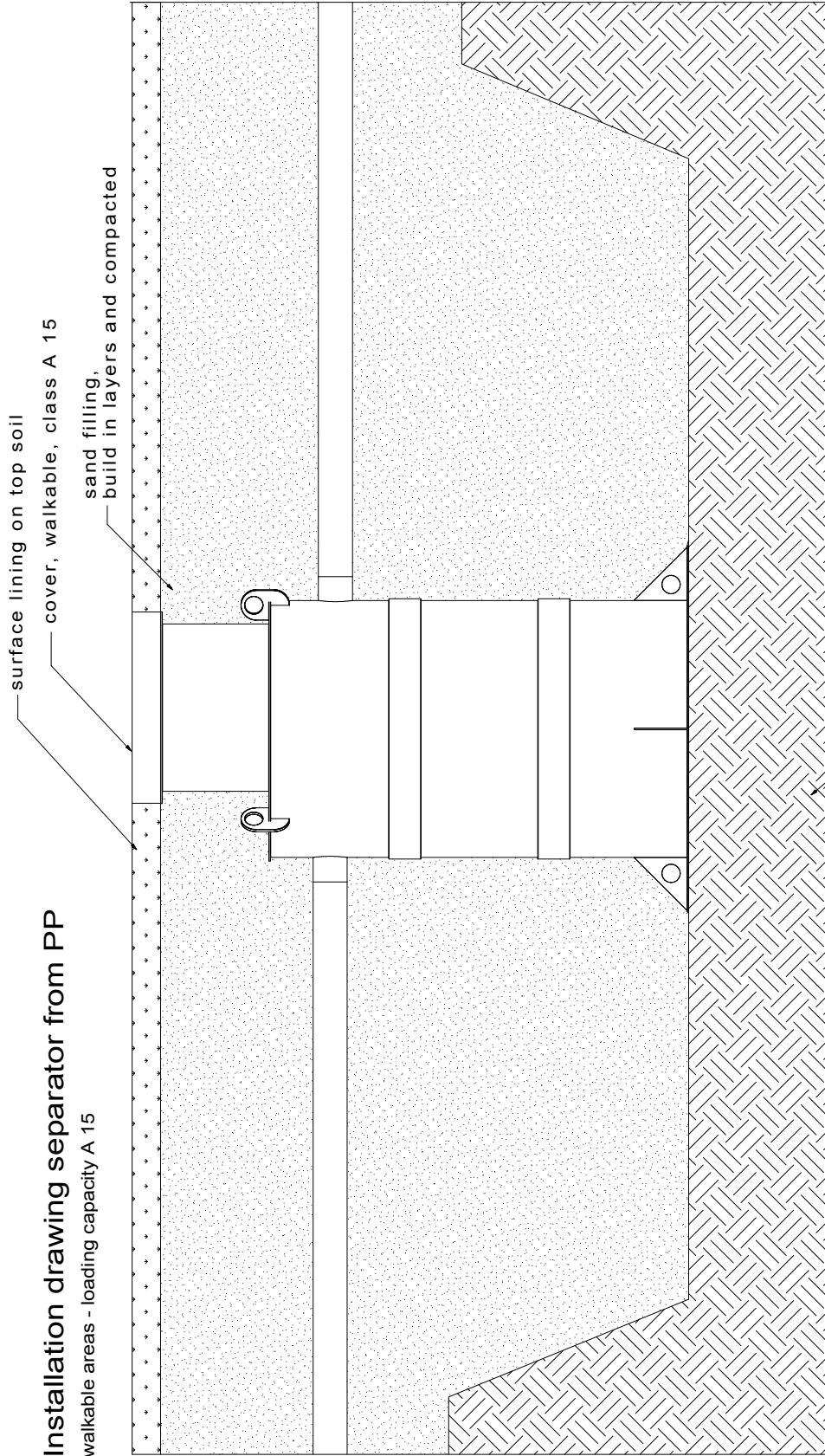
Installation outside frequented areas.

1. The system must be installed below ground.
2. Place the system on a compressed earth or concrete base in a horizontal position.
3. Connect the inlet and the outlet to the sewage system.
4. Connect the ventilation (diam. 50 mm).
5. If necessary, attach the height adapter and adjust the height thereof depending on the nature of the top edge of the ground.
6. Fill the system with clean water, packing layers of sand down around the system.
7. If several height adapters are required, a self-supporting concrete base must be made (base height and reinforcement must be calculated).

INSTALLATION DRAWING

Installation drawing separator from PP

walkable areas - loading capacity A 15



Installation at minor depth.

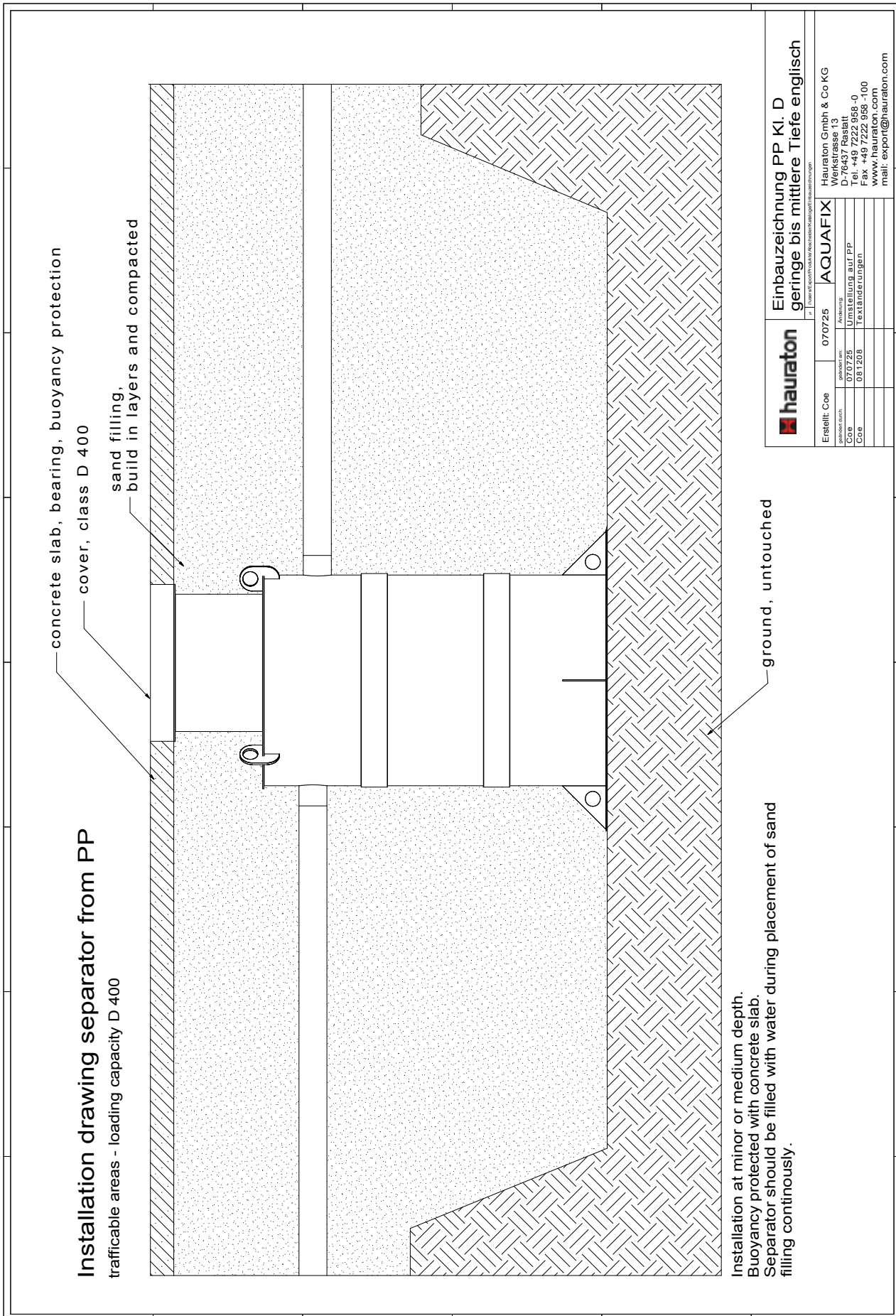
Separator is not protected against buoyancy!

Separator should be filled with water during placement of sand filling continuously.

ground, untouched

| | | | |
|-------------------|--------|---|--|
| hauraton | | Einbauzeichnung PP Kl. A geringe Tiefe englisch | |
| Erstellt: Coe | 070725 | AQUAFIX | |
| gezeichnet durch: | 070725 | Hauraton GmbH & Co KG | |
| CoE | 081208 | Werksstrasse 13 | |
| | | D-76437 Haselau | |
| | | Tel. +49 7222 958-0 | |
| | | Fax +49 7222 958-100 | |
| | | www.hauraton.com | |
| | | mail: export@hauraton.com | |

INSTALLATION DRAWING

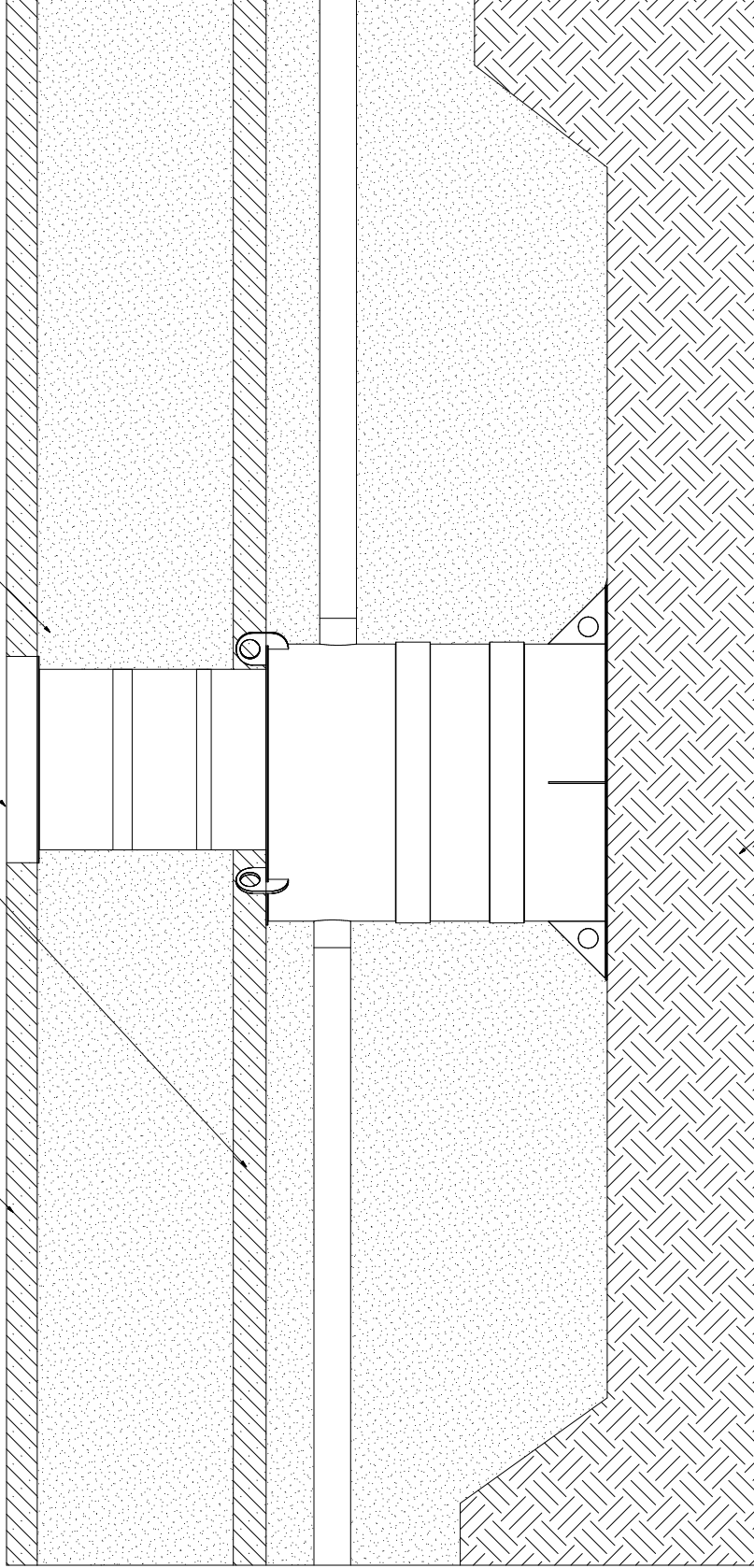


INSTALLATION DRAWING

Installation drawing separator from PP

trafficable areas - loading capacity D 400 — concrete slab

concrete slab, bearing, buoyancy protection
cover, class D 400
sand filling,
buildin in layers and compacted



Installation at major or medium depth.
Buoyancy protected with concrete slab.
Separator should be filled with water during placement of sand
filling continuously.

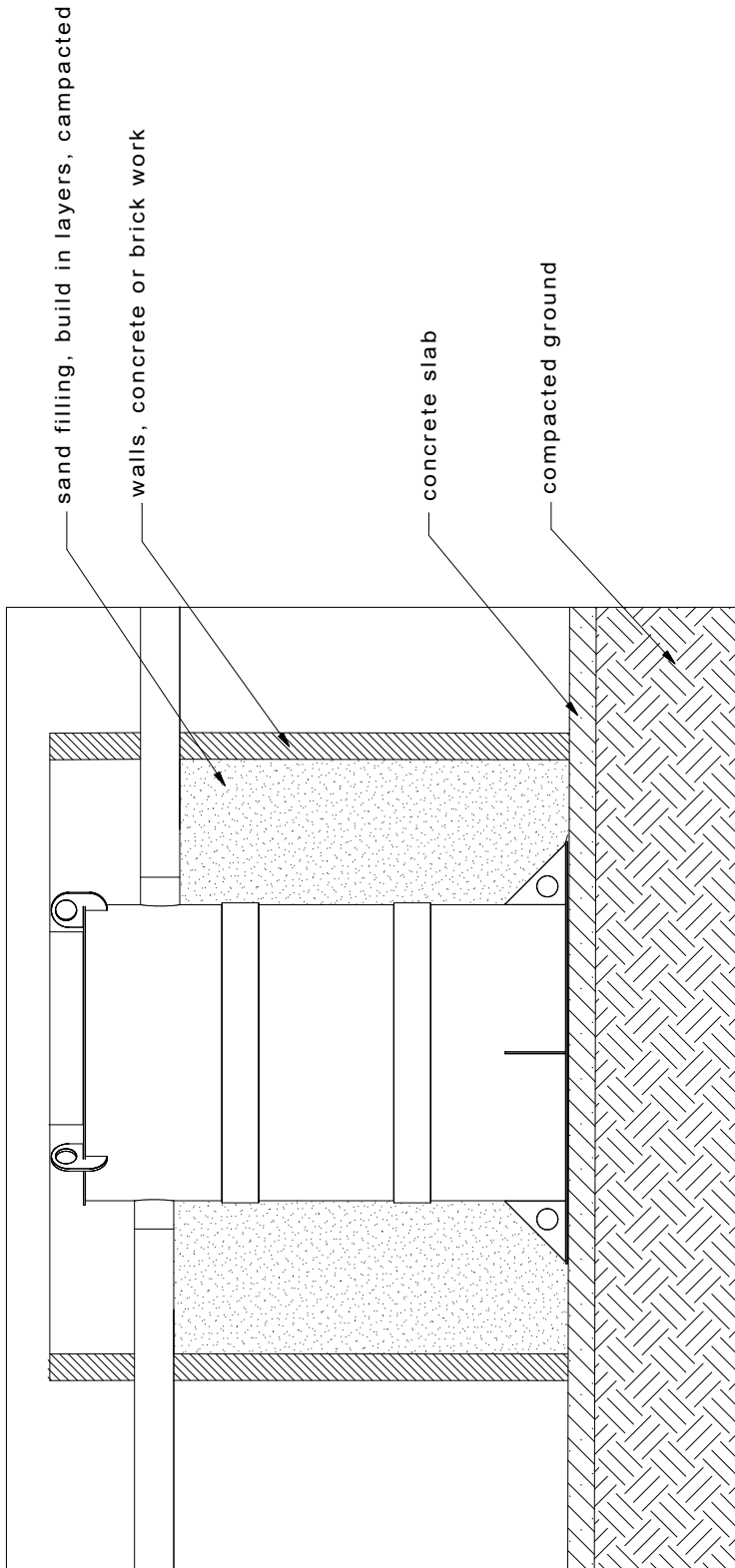


Einbauzeichnung PP Kl. D
mittlere bis große Tiefe englisch

| | | | |
|-----------------|---------------|-------------------|----------------------------|
| Erstellt: Coe | 070725 | AQUAFIX | Hauraton GmbH & Co KG |
| gezeichnet von: | Arbeitsgruppe | | Werkstrasse 13 |
| CoE | 070725 | Umstellung auf PP | D-76437 Hasbachtal |
| CoE | 08.12.08 | Textänderungen | tel. +49 7222 958-0 |
| | | | Fax +49 7222 958-100 |
| | | | www.hauraton.com |
| | | | mailto:export@hauraton.com |

INSTALLATION DRAWING

Installation drawing separator from PP
overground installation



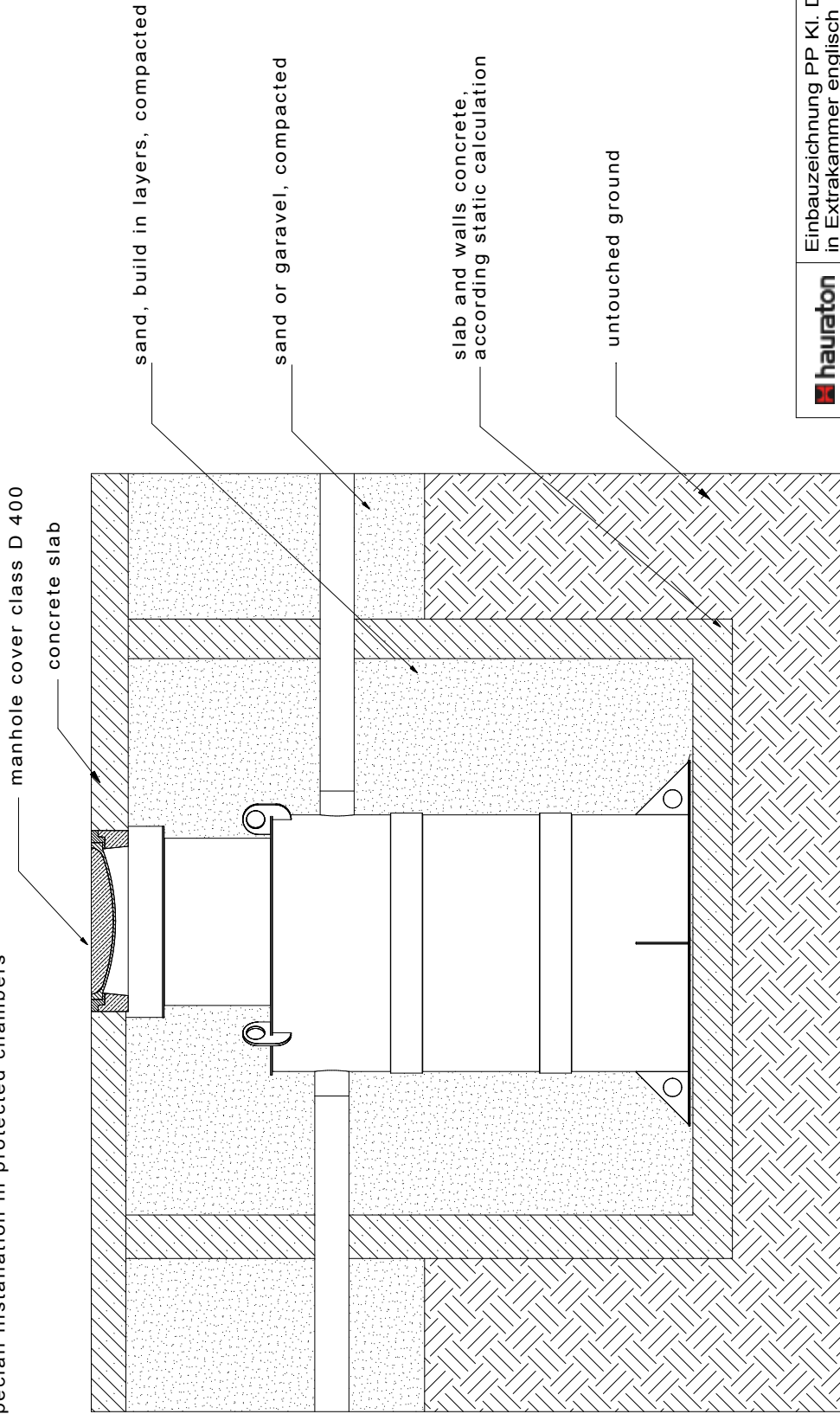
Overground installation
Separator should be filled with water during
placement of sand filling continuously

| | | | |
|--|-----------------|----------|-------------------|
| | | 070725 | AQUAFIX |
| Erstellt: Coe | gezeichnet von: | 070725 | Umstellung auf PP |
| geprüft durch: | gezeichnet am: | 08.12.08 | Textänderungen |
| Coe | | | |
| Coe | | | |
| | | | |
| | | | |
| Einbauzeichnung PP Kl. A Oberirdisch englisch | | | |
| Hauraton GmbH & Co KG Werksstrasse 13 D-74400 Schwanau Tel. +49 7222 958-0 Fax +49 7222 958-100 www.hauraton.com mail: export@hauraton.com | | | |

INSTALLATION DRAWING

Installation drawing separator from PP

Speciall installation in protected chambers



hauraton Einbauzeichnung PP Kl. D
in Extrakammer englisch

| | | | |
|-----------------|--------|-------------------|---------------------------|
| Erstellt: Coe | 070725 | AQUAFIX | Hauraton GmbH & Co KG |
| gezeichnet: Coe | 070725 | Umstellung auf PP | Werktstrasse 13 |
| CoE | 081208 | Textänderungen | D-76437 Haselau |
| | | | Str. 47 7222 958-0 |
| | | | Fax +49 7222 958-100 |
| | | | www.hauraton.com |
| | | | mail: export@hauraton.com |

AQUAFIX® SEPARATORS

INSTALLATION INSTRUCTIONS

SEPARATORS SERIES „PP“ MADE OF POLYPROPYLENE

OPERATION AND MAINTENANCE OF AQUAFIX® LIGHT LIQUID SEPARATORS SERIES „PP“ MADE OF POLYPROPYLENE

□ Before start-up

1. Clean entire system and remove residual mortar, soil etc.
2. Fill sludge trap and separator with fresh water. Please ensure that water level is same in all chambers of tank, and fill in sequence!
3. Re-check joints of system for leaks.

□ Operation

As well as following the maintenance guide, the entire system must comply with the following regulations:

- EN 858 (Light liquid separating systems)
- Local drainage statutes and other instructions

Only sewage that does not have a detrimental effect on the intended operation of the separator must be led into the system. Emulsions and solvents (cold cleaners, drilling and cutting oil, water-soluble hydrocarbons etc.) must not be allowed to enter the separator. Dispose of these materials together with the special waste. Rainwater from surfaces for which the separator was not intended and domestic sewage must not be led into the separator. With coalescence separators: Do not remove coalescence insert during operation!

□ Disposal

Separator must be drained at least every six months, but should not be allowed to fill to more than 85% of its storage capacity. Cleaning must occur more often if the storage capacity of the separator or sludge trap is exceeded. Operation must not be interrupted. All separated material must be drained, cleaned and taken away for disposal by an approved disposal company.

Please empty the separator and the sludge trap of this type of system at the same time if possible. First extract the oil layer from the system and then the layer of water beneath it, into separate tanks if possible. Clean float and seal every time the system is emptied and check operation thereof.

With coalescence separators: If the coalescence material is soiled, remove coalescence material, clean above sludge trap, give damaged coalescence material to disposal company and replace with new material. Replace coalescence material. Re-fill system with fresh water whenever it is emptied and cleaned.



OPERATION AND MAINTENANCE OF AQUAFIX® SEPARATORS SERIES „PP“ MADE OF POLYPROPYLENE

□ Before start-up

Clean entire system and remove any residual mortar, soil etc. if necessary. Fill entire system with fresh water. Check joints of system for leaks.

□ Operation

As well as the maintenance guide, the following instructions must be followed for the entire system:

- EN 1825 Grease separating systems
- Local water removal regulations and other instructions

Only sewage that does not have a detrimental effect on the intended operation of the separator must be led to the separator. It is particularly important to prevent domestic sewage and light mineral liquids from entering the separator. Do not allow rainwater to enter the system.

□ Disposal

1. Grease separators must be cleaned at least once per month, possibly more frequently. Cleaning must take place more frequently if the separator or sludge trap storage capacity is exceeded. The operation of the separator must not be affected.
2. Have all separated material drained, cleaned and taken away by an approved disposal company.
3. Fill entire system with fresh water after it has been emptied and drained.
4. Use mobile ladders when entering the system. Extract vapour/air mixture beforehand. Pay attention to accident prevention regulations!

□ Maintenance

The separator must be serviced at least once per month. The system must be drained and cleaned in order to do this. Carefully check that all system components are in good working order and undamaged. Then refill system with fresh water. **It is extremely important to observe the accident prevention regulations!**