

RAINWATER utilisation

environmentally aware and efficient

Retailer catalogue



Visit us
www.3ptechnik.com



3P - the company



3P Technik offers the biggest filter range in the area of rainwater harvesting.

During the last years we have made innovative developments regarding rainwater filtration, for example the product range of industrial filters, backwashing cistern filters, downpipe filters like the 3P Rainus and low-maintenance retention regulators. In the year 2005 the 3P Hydrosystem for stormwater treatment was introduced.

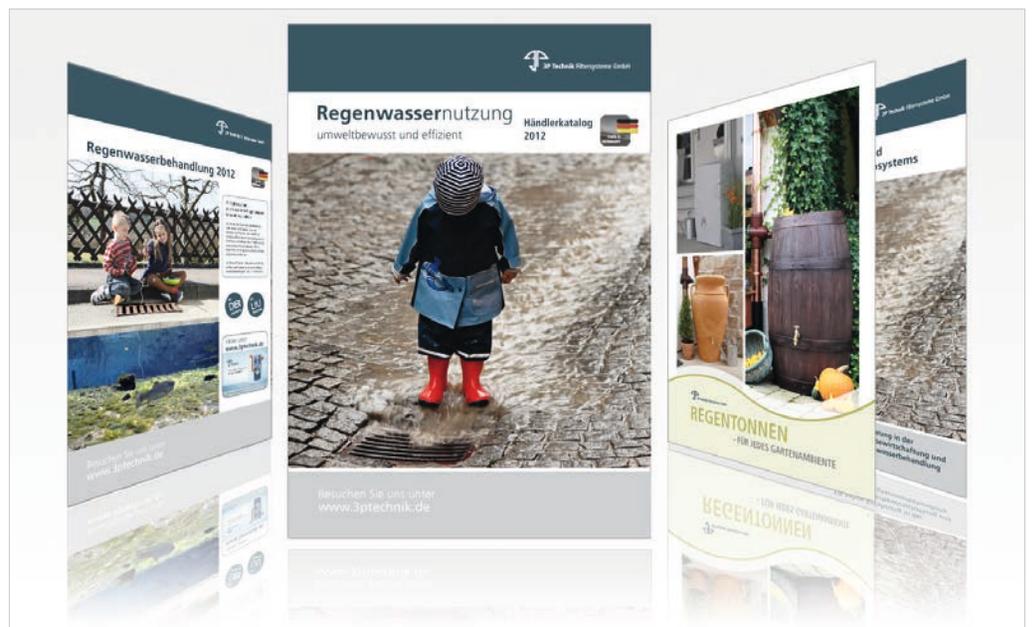
For the garden section we have developed several rainwater barrels.

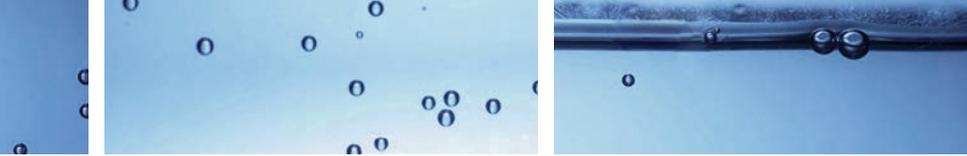
Besides easy handling and high functionality, the quality of our products is the most important criterion for the production.

Our products are all engineered and "Made in Germany".

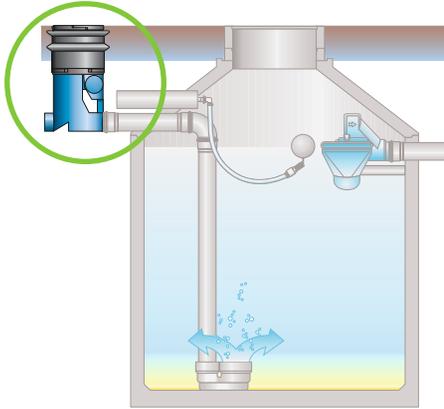


Calculate in only a few steps how many money you can save in your region with the utilization of rainwater.



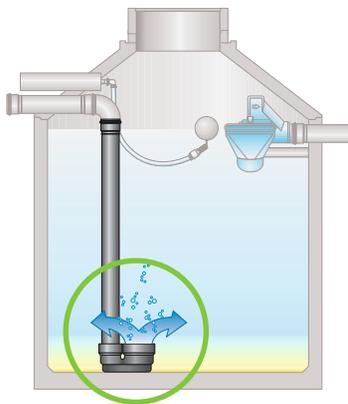


Cleaning Steps



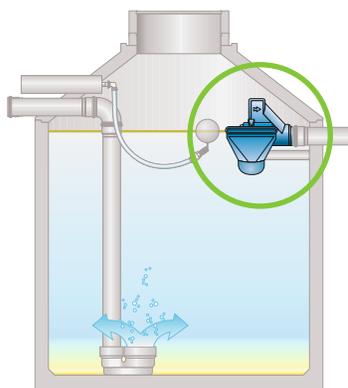
1. CLEANING STEP - FILTER

The first cleaning step in the rainwater system is the filter. The rainwater flows from the roof to the filter. Here dirt particles and debris are separated from the water. The cleaned water flows to the tank. The dirt is washed to the stormwater pipe or soakaway with a small amount of rainwater. All 3P rainwater filters have inserts, which are easy to remove and easy to clean. Their many different working principles and connection possibilities allow their use in many different installation situations.



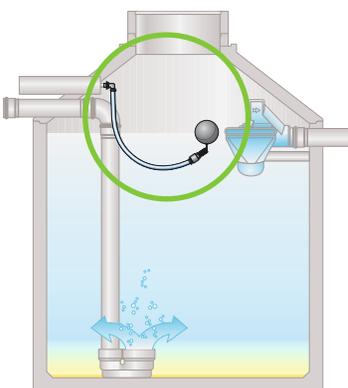
2. CLEANING STEP - CALMED INLET

By using an underground tank, the water is stored in dark and cool conditions. Here the second cleaning step takes place. In the water column, any fine residual particles settle to the bottom of the tank. The rainwater Calmed Inlet prevents any disturbance of this sedimentation layer. At the same time the Calmed Inlet ensures that oxygenated water is introduced to the lower layers of the stored water in the tank. This oxygen rich water prevents anaerobic reducing conditions forming in the storage tank and ensures that the water stays fresh.



3. CLEANING STEP - OVERFLOW SIPHON

Any particles that are lighter than water (e.g. flower pollen) float slowly to the water surface. The expertly designed 3P Overflow Siphon, with a skimmer effect, removes this floating layer. The regular overflow from the storage tank is important to get the optimum water quality. It prevents souring of the water. The floating layer could otherwise build up over time, and so reduce oxygen diffusion at the water surface, which in turn could lead to anaerobic reducing conditions in the tank.



4. CLEANING STEP - FLOATING PUMP INTAKE

The 3P Pump Intake floats at all times, suspended just below the water surface where the cleanest water lies. From this position the water is abstracted by the pump. A ball float, filled with air, suspends the intake, which has a further filter and a check valve.

Decision guidance

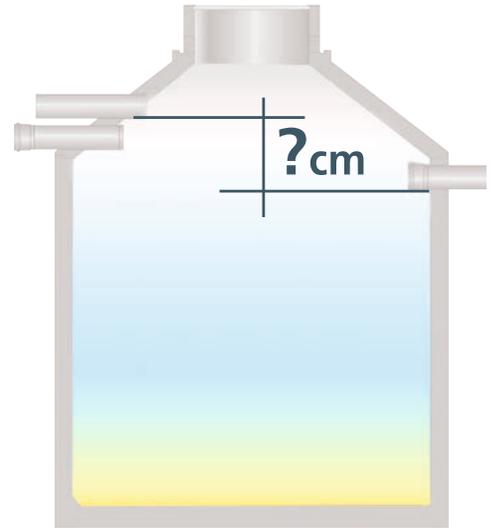
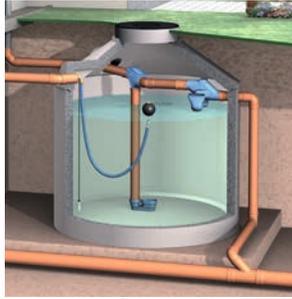
WE HELP YOU WITH YOUR DECISION

Here you can see several examples of reasonable combinations of rainwater filters and overflow siphons subject to different height differences between inlet of rainwater and sewer outlet.

Installation of the rainwater filter before the tank.



Installation of the rainwater filter inside the tank.



Height differences between inlet and sewer outlet

0 cm



see » page 23 / 19

from 12,5 cm



see » page 23 / 28

from 13,5 to 34 cm



see » page 24

from 19,5 cm



see » page 25 / 28

from 23,5 cm



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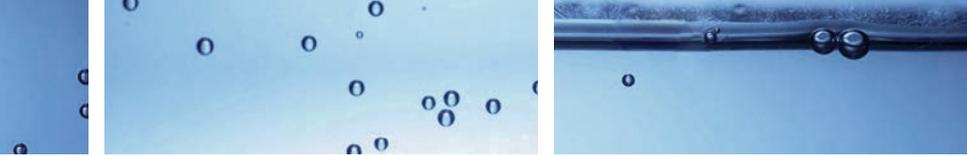
from 30 cm



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Industrial Filters

CONNECTABLE AREA FOR 3P FILTERS at 1:50 slope of the ground pipe (2 cm height difference per m)

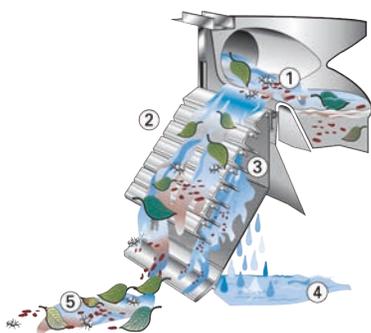
The size of the area that can be connected to a rainwater filter depends on the pipe diameter and the slope. These two parameters limit the maximum flowrate. Furthermore it is of major concern, which percentage of the total rainfall should be collected in the tank.

Taking into account a high rain intensity of 300 l/(sxha), which equals 108 mm/h a higher percentage of water will bypass the filter and will be discharged in the wastewater sewer. In this case the percentage of water in the tank is lower.

The maximum connectable area in dependence of the pipe and the rain intensity is given in the following table. For a filter with a connected pipe of 100 mm inner diameter areas between 213 m² and 320 m² can be connected, depending on the percentage of water that should be collected. Independent of the filter it must be secured that the pipe diameter is sufficient for the connected area, otherwise there is the risk of backwater in the downpipes.

Diam. Tube	max. flow rate	Connectable area with max. 200 l/(sxha)	Connectable area with max. 300 l/(sxha)	Average intensity of rainfall in Germany 80% under 15 l/(sxha) basis of calculation for roof area: 300 l/(sxha)
DN	l/s	m ²	m ²	l/s
100	6.4	320	213	0.32
125	11.6	580	387	0.58
150	18.8	940	627	0.94
200	40.4	2020	1347	2.02
250	73	3650	2433	3.65
300	118	5800	3933	5.9

For the calculation of the connectable roof area the wastewater connector of the filter must be considered, e.g. 3P VF 1 2xRW inlet DN 100 / 1xRW outlet DN 125 means calculation must be carried out with DN 125 according to DIN 18481.

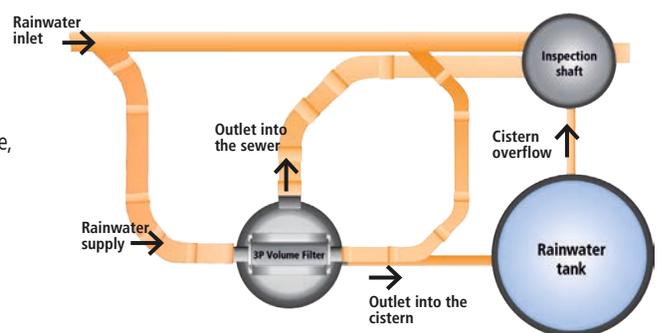


How it works:

- Incoming rainwater is dammed up and fed evenly over the cascades = submergence principle
- Pre-cleaning via the cascade principle. Coarse dirt is directed straight to the sewerage system via the cascades
- Pre-cleaned water is guided to the sieving area (mesh width 0.4 x 1 mm) Thanks to the special web structure of the screen, dirt is discharged into sewer; hence, the maintenance requirement is low
- Cleaned water flows into the cistern
- Dirt is washed into the sewer

Optimum installation position

As shown below with inlet and bypass. High security due to bypass installation, hence larger roof areas can be connected.





3P Volume Filter VF2

Item No. 1000700

Rainwater filter for bigger roof areas. The 3P Volume Filter has to be installed in a shaft (Ø 1000 mm). Normally standard concrete shafts are used. The filter can be delivered to the site pre-assembled in the shaft.

Two step cleaning system, therefore high level of filtering efficiency, independent of flow rate.

Due to the steep inclination of the filter cartridge the dirt is continuously washed away into the sewer. The connection to the sewer is installed at the shaft. The dirt falls down on the bottom of the shaft and is washed away with the next strong rainfall.

Relative connection capacity according to DIN 1986: for roof areas up to 1347 m² at a rainfall intensity of 300 l/(sxha) Because of a Bypass-Installation a bigger area can be connected.

Maximum flow rate of filter sieve:
3.0 l/sec = 10.8 m³ clean water per hour.

Rainwater inlet: DN 200

Outlet to storage: DN 150

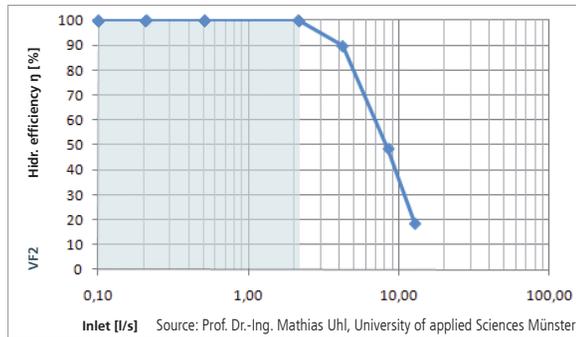
Outlet to sewer: DN 200

Height difference between inlet and outlet:
320 mm

The filter has to be cleaned depending on the dirt 1 - 2 times during the year

Mesh size: 0.390 x 0.980 mm

Weight: 24.2 kg



Diam. Tube	Max. flow rate	Connectable area with max. 200 l/(sxha)	Connectable area with max. 300 l/(sxha)
DN	l/s	m ²	m ²
200	40.4	2020	1347

Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 2.02 l/s with a roof area of 1347 m².



3P Special Set VF2 Item No. 1000710

- 3P Volume Filter VF2
- 3P Overflow Siphon DN 150
- 3P Calmed Inlet DN 150

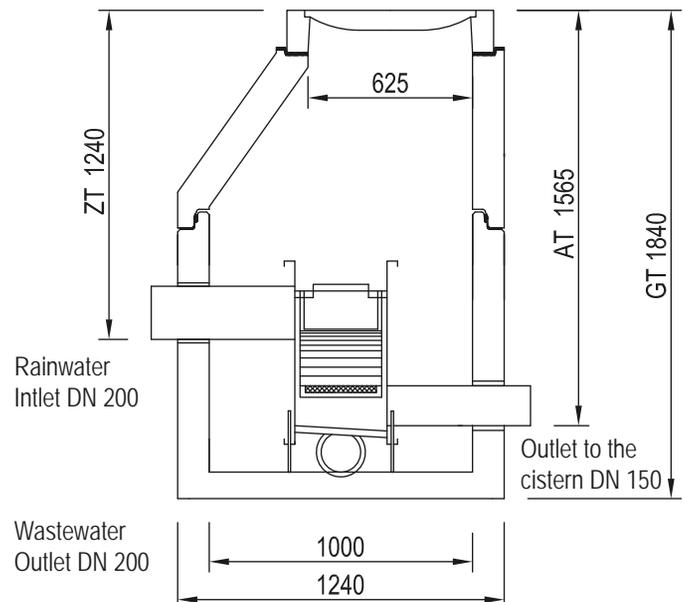
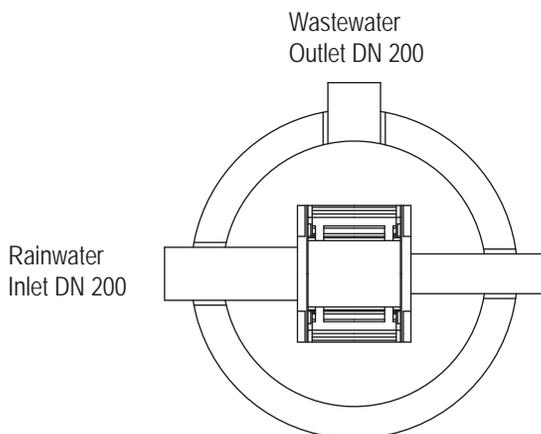


Retention Regulator 2"
Item No. 4000325

Filter Shaft DN 1000 for 3P Volume Filter VF2

Item No. 1000706*

Illustration consists of Item No. 1000700 + 1000706



3P Volume Filter VF3

Item No. 1000800

Rainwater filter for bigger roof areas.
The 3P Volume Filter has to be installed in a shaft (Ø 1000 mm). Normally standard concrete shafts are used. The filter can be delivered to the site pre-assembled in the shaft.

Two step cleaning system, therefore high level of filtering efficiency, independent of flow rate.

Due to the steep inclination of the filter cartridge the dirt is continuously washed away into the sewer. The connection to the sewer is installed at the shaft. The dirt falls down on the bottom of the shaft and is washed away with the next strong rainfall.

Relative connection capacity according to DIN 1986: for roof areas up to 1347 m² at a rainfall intensity of 300 l/(sxha)
Because of a Bypass-Installation a bigger area can be connected.

Maximum flow rate of filter sieve:
4.5 l/sec = 16.2 m³ clean water per hour.

Rainwater inlet: 2x DN 200

Outlet to storage: DN 150

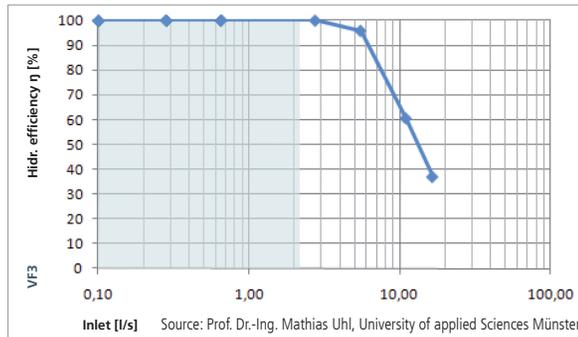
Outlet to sewer: DN 200

Height difference between inlet and outlet:
320 mm

The filter has to be cleaned depending on the dirt 1 - 2 times during the year

Mesh size: 0.390 x 0.980 mm

Weight: 33.2 kg



Diam. Tube	Max. flow rate	Connectable area with max. 200 l/(sxha)	Connectable area with max. 300 l/(sxha)
DN	l/s	m ²	m ²
200	40.4	2020	1347

Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 2.02 l/s with a roof area of 1347 m².

3P Special Set VF3

Item No. 1000820

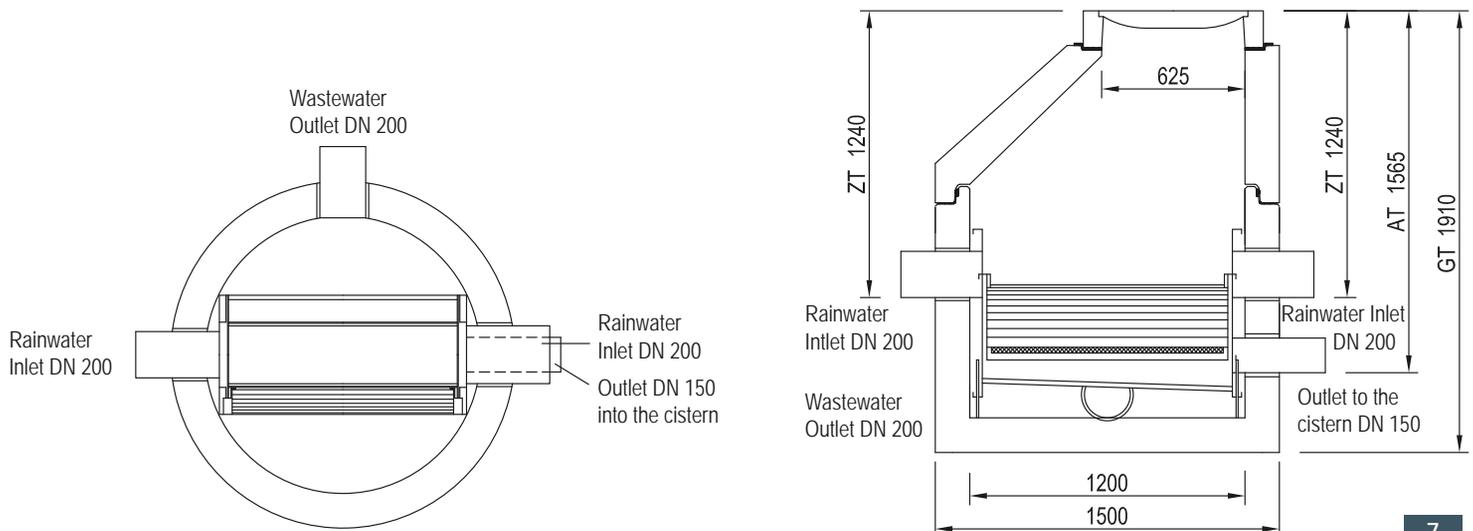
- 3P Volume Filter VF3
- 3P Overflow Siphon DN 150
- 3P Calmed Inlet DN 150

Retention Regulator 2"
Item No. 4000325

Filter Shaft DN 1200 for 3P Volume Filter VF3

Item No. 1000806

Illustration consists of Item No. 1000800 + 1000806



3P Volume Filter VF6

Item No. 1000900

Rainwater filter for bigger roof areas. The 3P Volume Filter has to be installed in a shaft (Ø 1200 mm). Normally standard concrete shafts are used. The filter can be delivered to the site pre-assembled in the shaft.

Two step cleaning system, therefore high level of filtering efficiency, independent of flow rate.

Due to the steep inclination of the filter cartridge the dirt is continuously washed away into the sewer. The connection to the sewer is installed at the shaft. The dirt falls down on the bottom of the shaft and is washed away with the next strong rainfall. Relative connection capacity according to DIN 1986: for roof areas up to 2433 m² at a rainfall intensity of 300 l/(sxha)

Because of a Bypass-Installation a bigger area can be connected.

Filter according to DIN 1989-2, Typ C
Maximum flow rate of filter sieve:

9 l/sec = 32,4 m³ clean water per hour.

Rainwater inlet: 2 x DN 250

Outlet to storage: DN 200

Outlet to sewer: DN 250

Blinding plates are included

Height difference between inlet and outlet: 320 mm, measured mid of the tube

The filter has to be cleaned depending on the dirt 1 - 2 times during the year

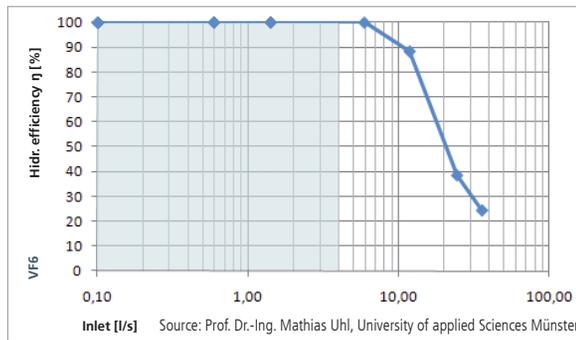
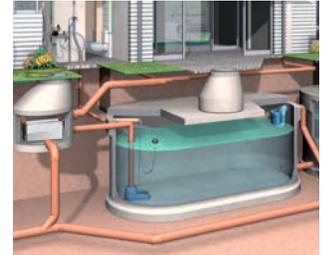
Material Filter corpus: Stainless steel 4016

Material Filter sieve: Stainless steel 1.4301

Mesh size: 0.4 x 1 mm

Legs = Thread rods M10 with screw nut made of stainless steel, Length 250 mm

Weight: 39.5 kg



Diam. Tube	Max. flow rate	Connectable area with max. 200 l/(sxha)	Connectable area with max. 300 l/(sxha)
DN	l/s	m ²	m ²
250	73	3650	2433

Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 3.65 l/s with a roof area of 2433 m².

3P Special Set VF6

Item No. 1000960

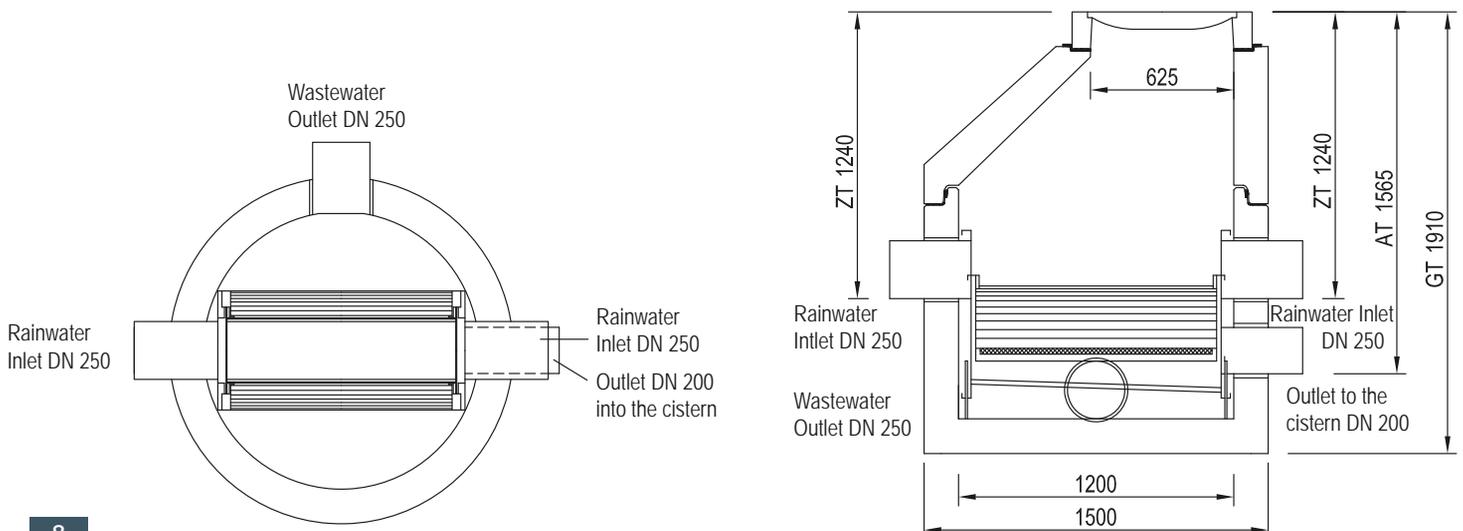
- 3P Volume Filter VF6
- 3P Overflow Siphon DN 200
- 3P Calmed Inlet DN 200

Retention Regulator 2"
Item No. 4000325

Filter Shaft DN 1200 for 3P Volume Filter VF6

Item No. 1000806

Illustration consists of Item No. 1000900 + 1000806



3P Volume Filter VF12

Item No. 1000950

Rainwater filter for larger roof areas. Filter for installation in concrete ring or other structural chamber (Ø 2000 or Ø 2500 mm). The filter can be delivered directly to site, or pre-fitted off-site.

The proven 3P two-step Volume Filter cleaning system gives a high level of filtering efficiency, independent of flow rate. Due to the steep inclination of the two step filter cartridge, the filtered out debris is continuously washed away to sewer. The sewer outlet is installed within the chamber wall. The filtered out material falls to the base of the chamber and is washed away during the next intense rainfall event.

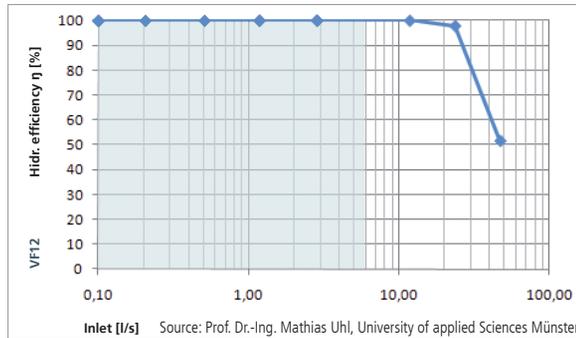
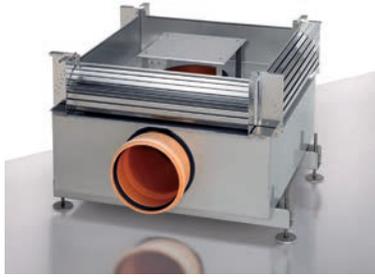
Connection capacity according to DIN 18481: 3933 m² roof area at rainfall intensity of 300 l/(sxha).

A larger area can be connected using a bypass-installation.

Maximum flow rate of filter sieve: 18 l/sec = 64.8 m³ clean water per hour. Height difference between inlet and outlet: 600 mm, DN 300 KG elbows are supplied for mounting in concrete ring.

The filter should be cleaned depending on the dirt loading 1 - 2 times during the year. Filter according to DIN 1989-2, Typ C

Rainwater inlet: DN 300
 Outlet to storage: DN 250
 Outlet to sewer: DN 300
 Filter body material: stainless steel 4016
 Mesh filter material: stainless steel 1.4301
 Mesh size: 0.390 x 0.980 mm
 Dimensions: 1200 x 1300 x 800 mm
 (Dimension: C = 780 + foot adjustment 200 mm)



Diam. Tube	Max. flow rate	Connectable area with max. 200 l/(sxha)	Connectable area with max. 300 l/(sxha)
DN	l/s	m ²	m ²
300	118	5800	3933

Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 5.9 l/s with a roof area of 3933 m².

3P Special Set VF12

Item No. 1000970

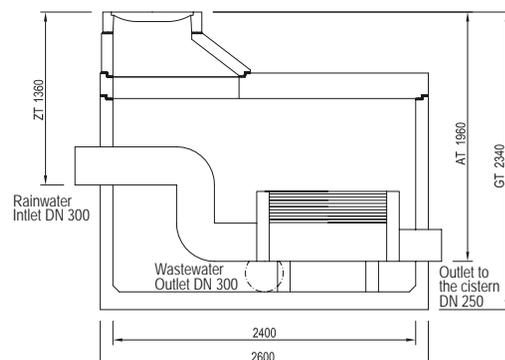
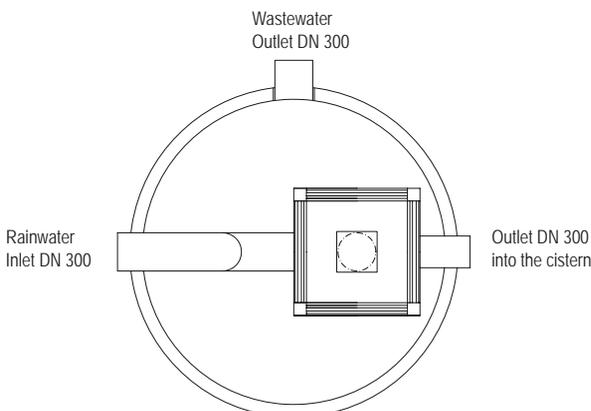
- 3P Volume Filter VF12
- 3P Overflow Siphon DN 250
- 3P Calmed Inlet DN 250

Retention Regulator 3"
Item No. 4000330

Filter Shaft DN 2400 for 3P Volume Filter VF12

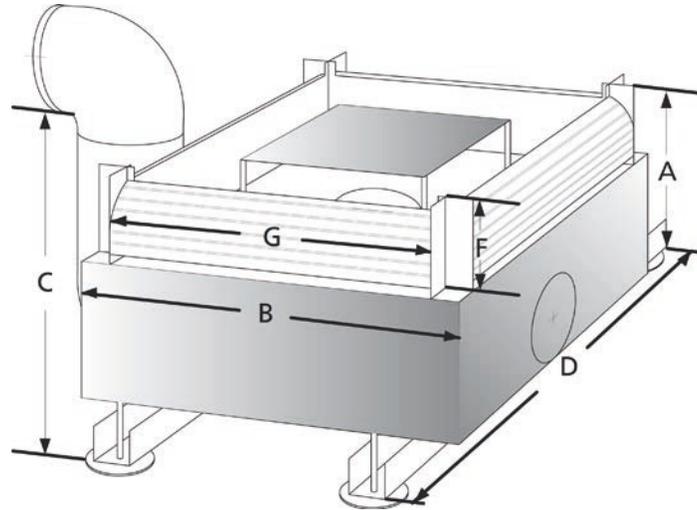
Item No. 1000956

Illustration consists of Item No. 1000950 + 1000956

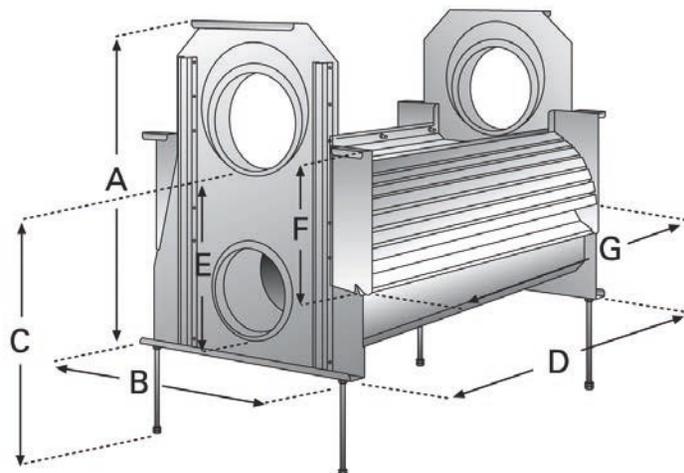


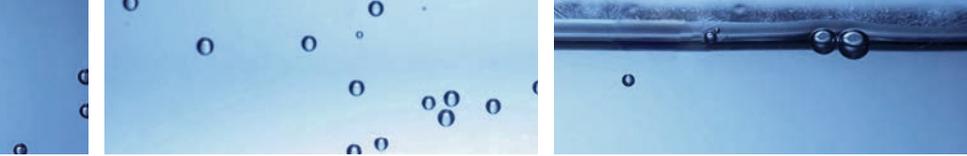
Installation in the shaft

Filter	Rainwater outlet	Outlet to sewer	Inlet to storage tank	A in mm	B in mm	C in mm	D in mm	E in mm	F in mm	G in mm	Mesh size sieve in mm	min. Ø manhole
VF12	1 x DN 300	1 x DN 300	1 x DN 250	780	1070	780	1200	600	275	880	0.390 / 0.980	2000



Filter	Rainwater outlet	Outlet to sewer	Inlet to storage tank	A in mm	B in mm	C in mm	D in mm	E in mm	F in mm	G in mm	Mesh size sieve in mm	min. Ø manhole
VF2	1 x DN 200	1 x DN 200	1 x DN 150	670	540	520	390	320	275	320	0.390 / 0.980	1000
VF3	2 x DN 200	1 x DN 200	1 x DN 150	670	540	520	980	320	275	880	0.390 / 0.980	1200
VF6	2 x DN 250	1 x DN 250	1 x DN 200	670	540	520	980	320	275	880	0.390 / 0.980	1200





3P Twinfilter

Item No. 1000650

3P Rainwater filter for bigger roof areas. The Twin Filter can be installed in a shaft or in frost-free regions directly on the wall. Normally standard concrete shafts are used (Ø 1000 mm). The filter can be delivered to the site pre-installed in the shaft.

Two step cleaning system, therefore high level of filtering efficiency, independent of flow rate. Due to the steep inclination of the filter cartridge the dirt is continuously cleaned away into the sewer. The cleaned water is collected in a tank and directed into the storage.

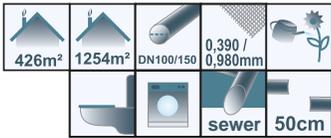
Connection capacity: 426 m² roof area at 2x DN 100 and 2x outlet DN 100
 Connection capacity: 1254 m² roof area at 2x DN 150 and 2x outlet DN 150

Because of a Bypass-Installation a bigger area can be connected.

Max. flow rate of filter insert:
 3.0 l/sec = 10.8 m³ clean water per hour
 The filter has to be cleaned depending on the dirt 1 - 2 times during the year.

Filter according to DIN 1989-2, Typ C
 Rainwater inlet: 2 x DN 100 / DN 150
 Outlet to storage: 2 x DN 100 / DN 150
 Outlet to sewer: 2 x DN 100 / DN 150
 Height difference between inlet and outlet into the storage: 350 mm
 into the sewer: 510 mm

Housing and cascade material: Polyethylene
 Material filter cartridge: Stainless steel 1.4301
 Mesh size: 0.390 x 0.980 mm
 Dimensions: 680 x 873 mm



1. Rainwater inlet
2. Outlet storage
3. Rainwater inlet
4. Outlet sewer



Wall bracket for Twinfilter for installation on the wall
 Item No. 1000655

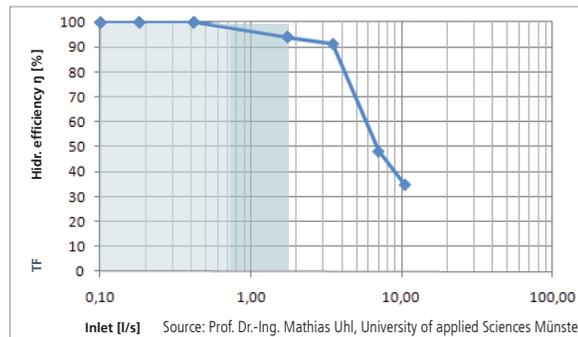


3P Special Set TF Item No. 1000660

- 3P Twinfilter
- 3P Overflow Siphon DN 150
- 3P Calmed Inlet DN 150



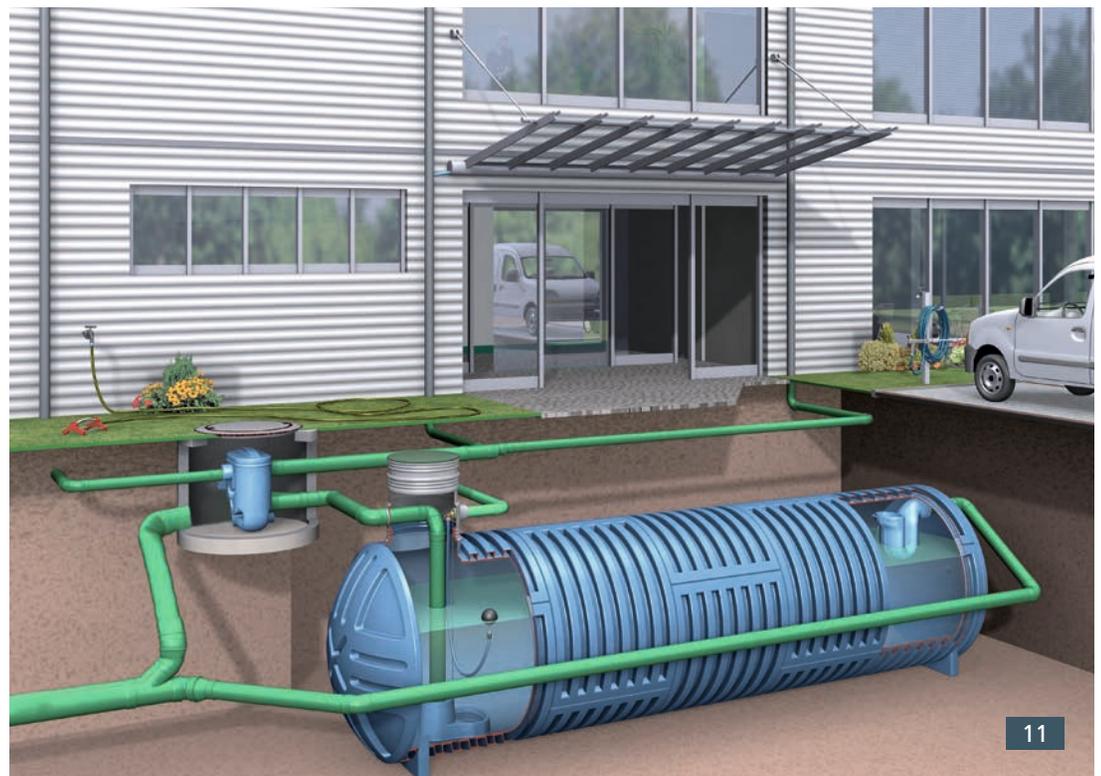
Retention Regulator 2" Item No. 4000325



Diam. Tube	Max. flow rate	Connectable area with max. 200 l/(sxa) m ²	Connectable area with max. 300 l/(sxa) m ²
DN 100 x 2	12.8 l/s	640	426
DN 150 x 2	37.6 l/s	1880	1254

DN 100: Average intensity of rainfall in Germany 80% under 15 l/(sxa), this results in a volume flow of 0.64 l/s with a roof area of 426 m².

DN 150: Average intensity of rainfall in Germany 80% under 15 l/(sxa), this results in a volume flow of 1.88 l/s with a roof area of 1254 m².

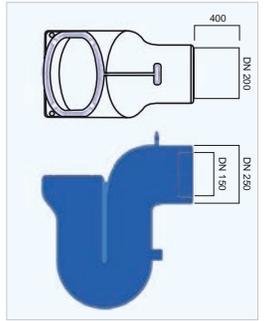




3P Overflow Siphon DN 150 / 200 / 250

Item No. 4000275 DN 150 with rodent barrier
 Item No. 4000285 DN 200 with rodent barrier
 Item No. 4000295 DN 250 with rodent barrier

Connection: DN 150 / 200 / 250
 Material: Polyethylene
 Rodent Barrier: stainless steel
 Dimensions: 375 x 659 x 765 mm



Giant Overflow Siphon with odour trap and suction of the surface water.

No passing for rodents because of high-grade stainless steel rodent barrier.

Regular overflowing of the rainwater tank is essential as it prevents the formation of a surface matt of light particles which reduce oxygen diffusion at the water surface. This keeps the water fresh by stopping any anaerobic decomposition.

Ideal for use in large-scale installations.

The 3P Giant Overflow Siphon's outlet fits any DN 150 / 200 / 250 plastic pipe.

The overflow siphon must be securely installed into the tank, since it has a substantial weight when filled. If the water level is very low, the lifting power is missing. The Giant Overflow Siphon has several connection points in order to fasten it inside the tank. A high-temperature resistant (HT) DN 50 pipe can be attached to the bracing point to act as a supporting bracket.

How it works:

Dirt particles, which are lighter than water (e.g. pollen) float on the water's surface.

The design of the Overflow Siphon ensures it removes the floating debris. Regular overflowing of the cistern is essential for a high water quality. The Overflow skims the top layer enabling oxygen diffusion at the water surface.

1. Inlet with rodent barrier
2. Connection point for secure attachment
3. DN 50 pipe connection point for use as a bracing point
4. DN 150 / 200 / 250 outlet

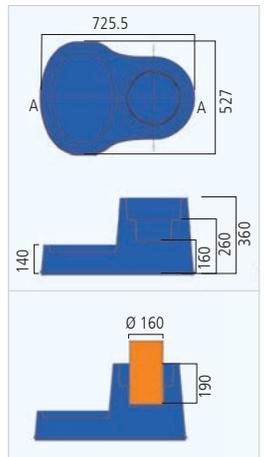


3P Calmed Inlet DN 150 / 200 / 250 / 300

Item No. 4000150 DN 150
 Item No. 4000155 DN 200
 Item No. 4000160 DN 250
 Item No. 4000165 DN 300

How it works:

1. Rainwater is led through the calmed inlet into the tank
2. As it flows through the calmed inlet the velocity of the water slows down substantially and enters the rainwater tank with no turbulences, the sediment layer is not being disturbed.
3. The calmed rainwater supplies more oxygen to the rainwater in the lower parts of the tank, therefore keeping the water fresh by preventing anaerobic decomposition.

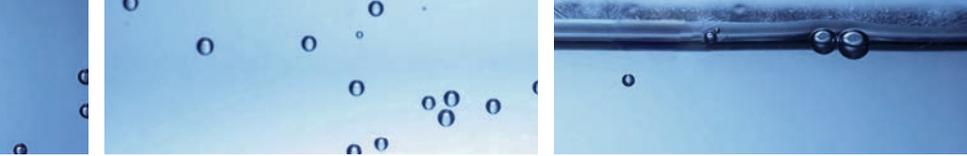


Provides a calmed inlet for rainwater in larger rainwater tanks. Dirt particles denser than water sink to the bottom of a rainwater tank and form a sediment layer, which demonstrably has a positive influence on the stored rainwater. Rainwater tanks with a sediment layer do have clearer water. The Giant Calmed Inlet prevents the incoming rainwater from disturbing this settled sediment layer, keeping the water free of dirt particles. The Giant Calmed Inlet also supplies the lower water layers within the tank with oxygen so that it remains fresh.

Ideal for the use in large-scale installations. It is suitable for DN 150 - DN 300 plastic pipe.

Connection: DN 150 / DN 200 / DN 250 / DN 300
 Material: Polyethylene
 Dimensions: 725 x 527 x 360 mm

More information: www.



3P Twin Filter trafficable



Figure consists of
 Item No. 1000650 + 1000654
 Item No. 1000654 Concrete item without filter

Rainwater harvesting filter for larger roof areas. 3P Twin Filter is delivered directly in a precast concrete box, which makes construction and installation easier. This filter can be installed directly in the ground because of its concrete shaft. The connection to the surface can be realized with standard concrete rings and manhole covers (600 mm diameter). The load capacity is given by the used manhole cover, which is not part of the product.

By the two step cleaning principle the filter has a high efficiency independent of the flowrate. By the steep filter slope the debris and dirt will be transported continuously towards the wastewater sewer. The clean water will be collected and transported into the tank.

The filter insert can be taken out easy for cleaning purpose without special tools. The stainless steel screen must not be exchanged, it can be brushed with standard soap sud.

Decision guidance: page 4

Connection capacity: 1254 m² roof area at 2x DN 150 and 2x outlet DN 150
 Because of a Bypass-Installation a bigger area can be connected.

Max. flow rate of filter insert:
 3.0 l/sec = 10.8 m³ clean water per hour
 The filter has to be cleaned depending on the contamination 1 - 2 times during the year.

Filter according to DIN 1982-2, Typ C
 Rainwater inlet: 2 x DN 150

Outlet to storage: 2 x DN 150

Outlet to sewer: 2 x DN 150

Height difference between inlet and outlet into the storage: 340 mm
 into the sewer: 490 mm

Housing and cascade material:
 Polyethylene

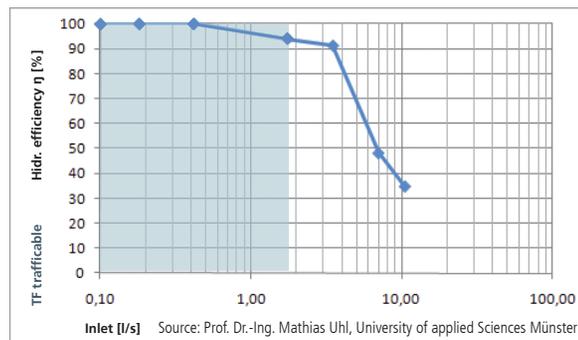
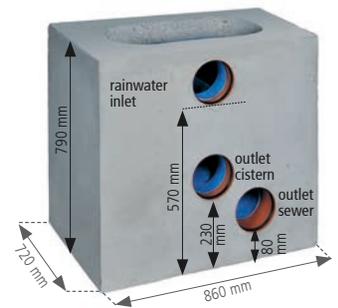
Material filter cartridge:

Stainless steel 1.4301

Mesh size: 0.390 x 0.980 mm

Dimensions: 910 x 870 x 620 mm

Weight ca. 800 kg



Diam. Tube	Max. flow rate	Connectable area with max. 200 l/(sxha)	Connectable area with max. 300 l/(sxha)
DN	l/s	m ²	m ²
150 x 2	37.6	1880	1254

Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 1.88 l/s with a roof area of 1254 m².





3P Volume Filter VF1 trafficable



Figure consists of
 Item No. 1000500 + 1000515
 Item No. 1000515
 Concrete item without filter

Rainwater harvesting filter for larger roof areas. 3P volume filter VF 1 is delivered directly in a precast concrete box, which makes construction and installation easier. This filter can be installed directly in the ground because of its concrete chamber. The connection to the surface can be realized with standard concrete rings and manhole covers (600 mm diameter). The load capacity is given by the used manhole cover, which is not part of the product.



By the two step cleaning principle the filter has a high efficiency independent of the flowrate. By the steep filter slope the debris and dirt will be transported continuously in the direction of the wastewater sewer. The clean water will be collected and transported into the tank.

Decision guidance: page 4

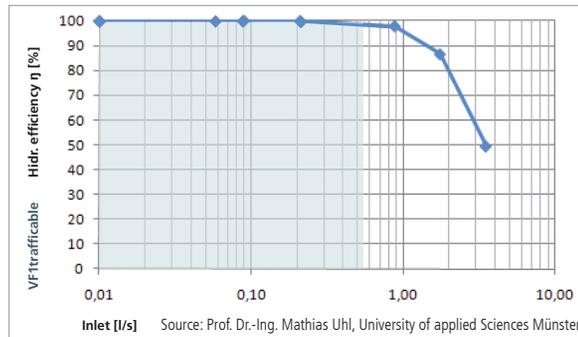
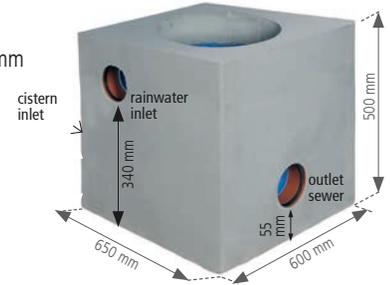
Filter according to DIN 1989-2, Typ C

Rainwater inlet: 2 x DN 100
 Outlet to storage: DN 100
 Outlet to sewer: DN 125



Height difference between inlet and outlet:
 300 mm

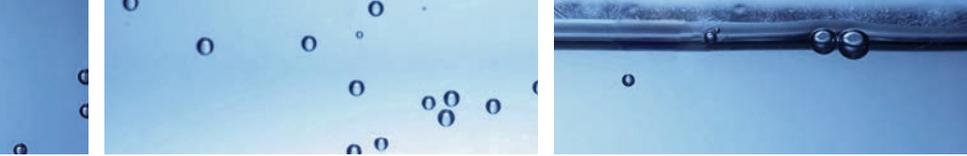
Material filter cartridge:
 Stainless steel 1.4301
 Mesh size: 0.250 x 0.600 mm
 Housing and cascade material:
 Polyethylene
 Dimensions: 660 x 600 x 600 mm
 Weight: ca. 340 kg



Diam. Tube	Max. flow rate	Connectable area with max. 200 l/(sxha)	Connectable area with max. 300 l/(sxha)
DN	l/s	m ²	m ²
125	11.6	580	387

Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 0.58 l/s with a roof area of 387 m².





3P Volume Filter VF1



Item No. 1000500

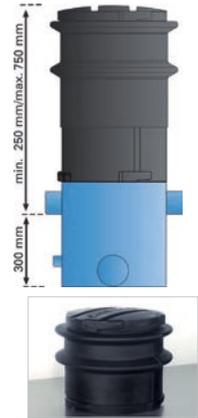
Rainwater filter for ground installation in rainwater tanks and also in the ground before the tank. Two step cleaning system, therefore high level of filtering efficiency, independent of flow rate.

Due to the steep inclination of the filter cartridge the dirt is continuously cleaned away into the sewer.

The filter insert can be removed easily for cleaning without the use of special tools. The filter sieve made of stainless steel must not be changed. It is cleaned with a brush and soap sud.

Decision guidance: page 4

Filter according to DIN 1989-2, Typ C
 Rainwater inlet: 2 x DN 100
 Outlet to storage: DN 100
 Outlet to sewer: DN 125
 Height difference between inlet and outlet: 300 mm
 Material filter cartridge: Stainless steel 1.4301
 Mesh size: 0.250 x 0.600 mm
 Material cascade insert: Polyethylene
 Dimensions: 404 x 451 mm
 Weight: 6.2 kg



3P Telescopic extension
 Plastic (PE) shaft for the installation directly into the ground, material: Polyethylene, total height 600 mm
 Item No. 1000560

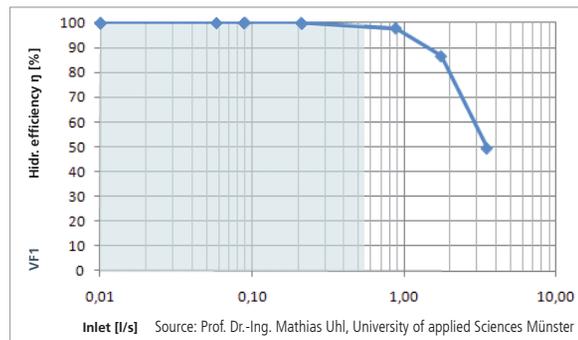


3P Special Set VF1 Item No. 1000555

- 3P Volume Filter VF1
- 3P Telescopic extension
- 3P Calmed Inlet
- 3P Overflow Siphon uno Beton



Floating Pump Intake with hose
 Item No. 4000620



Diam. Tube	Max. flow rate	Connectable area with max. 200 l/(sxha)	Connectable area with max. 300 l/(sxha)
DN	l/s	m²	m²
125	11.6	580	387

Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 0.58 l/s with a roof area of 387 m².

More information: www.3ptechnik.com



3P Volume Filter VF1 combi



Item No. 1000590

Rainwater filter for installation inside or on the tank. The VF1 Combi has the cleaned water outlet at the bottom of the filter and not on the lateral side as the VF1 Art. No. 1000500. Two step cleaning system, therefore high level of filtering efficiency, independent of flow rate. Due to the steep inclination of the filter cartridge the dirt is continuously cleaned away into the sewer. The filter insert can be removed easily for cleaning without the use of special tools. The filter sieve made of stainless steel must not be changed. It is cleaned with a brush and soap sud. The cleaned water can be used in washing machines, toilet flushing and garden watering.

The filter has to be cleaned depending on the contamination 1 - 2 times during the year.

Decision guidance: page 4

Filter according to DIN 1989-2, Typ C
 Rainwater inlet: 2 x DN 100
 Outlet to storage: DN 100
 Outlet to sewer: DN 125
 Height difference between inlet and outlet: 300 mm
 Housing and cascade insert material: Polyethylene
 Material filter cartridge: Stainless steel 1.4301
 Mesh size: 0.250 x 0.600 mm
 Dimensions: 404 x 451 mm
 Weight: 6.2 kg



How it works:
VF1 and VF1 combi

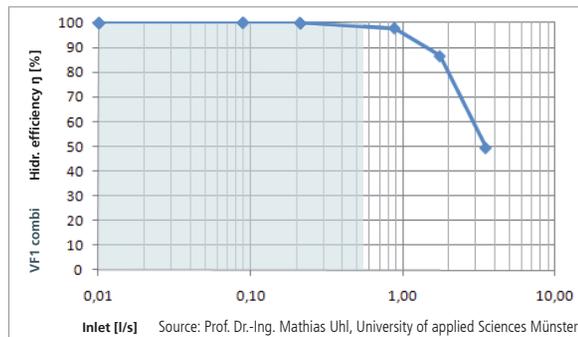


3P Special Set VF1 combi Item No. 1000599

- 3P Volume Filter VF1 combi
- 3P Calmed Inlet
- 3P Overflow Siphon duo DN 125



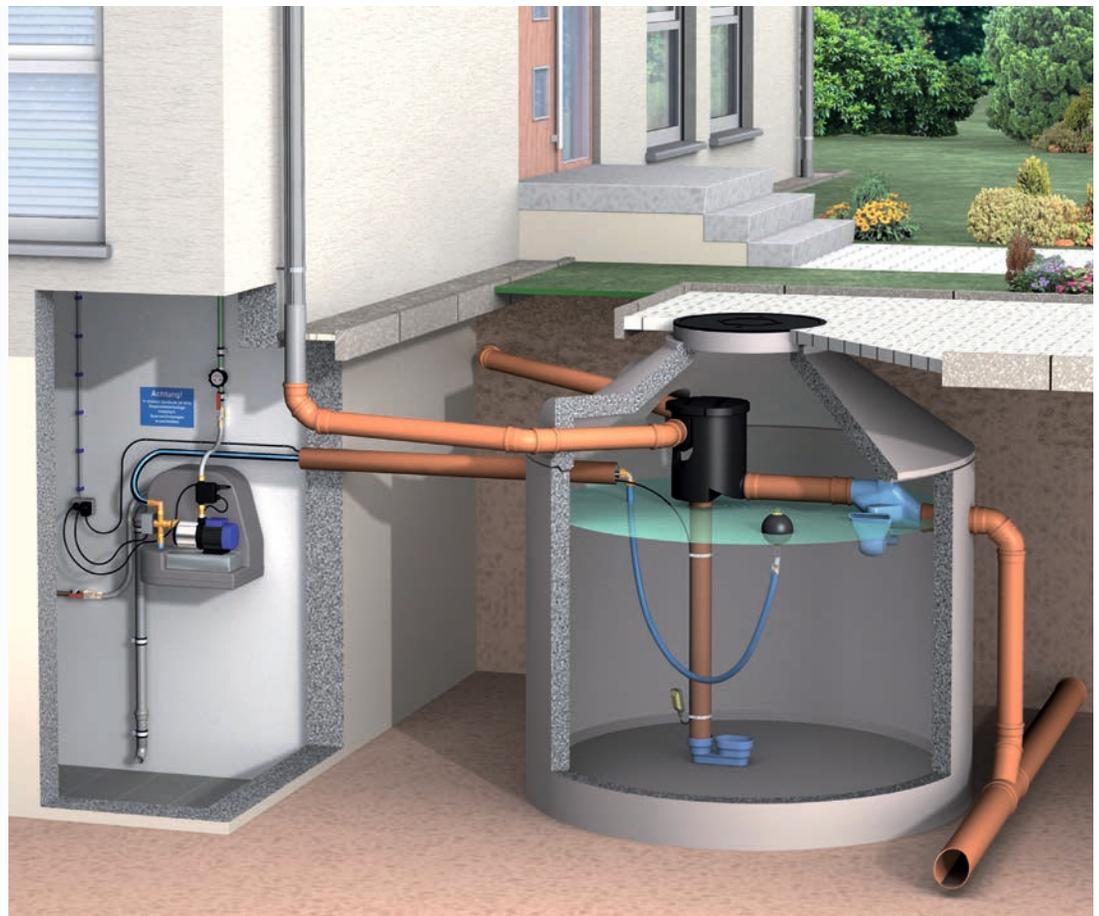
Floating Pump Intake with hose
Item No. 4000620

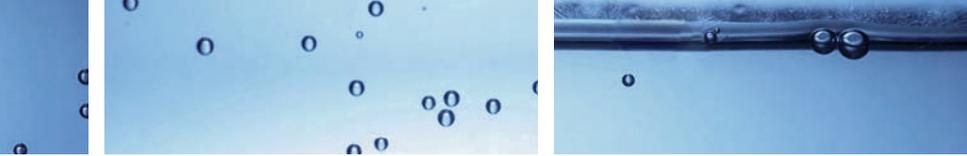


Diam. Tube	Max. flow rate	Connectable area with max. 200 l/(sxha)	Connectable area with max. 300 l/(sxha)
DN	l/s	m ²	m ²
125	11.6	580	387

Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 0.58 l/s with a roof area of 387 m².

More information: www.3ptechnik.com





3P Garden Filter

Item No. 1000600

Easy rainwater filter with integrated dirt retention basket for installation inside the rainwater tank.

The dirt basket made of plastics can be removed easily with the removal handle.

The 3P Garden Filter is suitable for equipments of watering the garden and for sites in which the rainwater has to be infiltrated. That means where no connection with a sewer is possible for discharging the rainwater runoff.

Decision guidance: page 4

Filter according to DIN 1989-2, Typ B

Connection inlet: DN 100

Outlet to storage: DN 100

Emergency overflow or additional inlet: DN 100

Connection capacity:

for roof areas up to 213 m²

Material cascade insert: Polyethylene

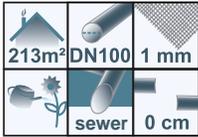
Ø 305 x 288 x 245 mm

Mesh size: 1 mm

Dimensions: 390 x 515 mm



3P Telescopic extension Plastic (PE) shaft for the installation directly into the ground, material: Polyethylene, total height 600 mm Art. No. 1000560

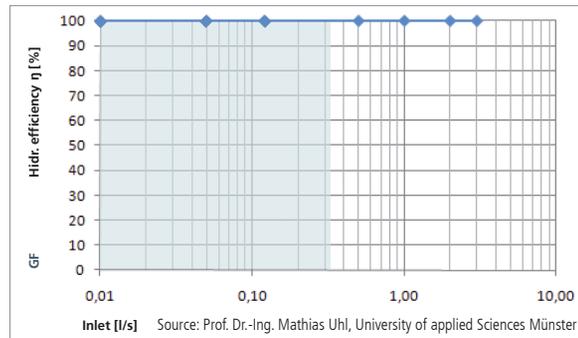


3P Special Set GF Item No. 1000666

- 3P Garden Filter
- 3P Calmed Inlet
- 3P Overflow Siphon uno for concrete tanks



3P Water Extraction Set for Garden Item No. 9000390



Diam. Tube	Max. flow rate	Connectable area with max. 200 l/(sxha)	Connectable area with max. 300 l/(sxha)
DN	l/s	m ²	m ²
100	6,4	320	213

Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 0.32 l/s with a roof area of 213 m².

More information: www.3ptechnik.com



3P Infiltration and Retention Filter

Item No. 1000630

Decision guidance: page 4

Rainwater filter with integrated dirt retention basket for installation inside the rainwater tank.

Rainwater filter according to DIN 1989-2, Typ B

The dirt basket made of stainless steel can be removed easily with the removal handle.

Connection inlet: DN 100

Outlet to storage: DN 100

Emergency overflow or additional inlet: DN 100

Material filter basket: Stainless steel 1.4301

Mesh size: 0.55 mm

Weight: 2.8 kg

3P Retention Regulator:

Blue retention corpus: DN 100

Material: Polyethylene

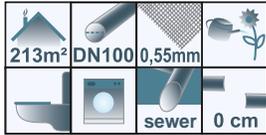
Dimensions: 390 x 515 mm



3P Telescopic extension Plastic (PE) shaft for the installation directly into the ground, material: Polyethylene, total height 600 mm Item No. 1000560

Flow rate in litre per second

Baffle	A	B	C	D	E
Q l/sec	0.60	0.50	0.40	0.30	0.20

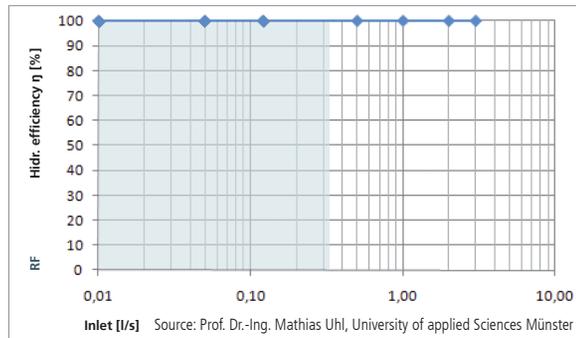


3P Special Set RF Item No. 1000648

- 3P Infiltration and Retention Filter
- 3P Calmed Inlet
- 3P Overflow Siphon uno for concrete tanks



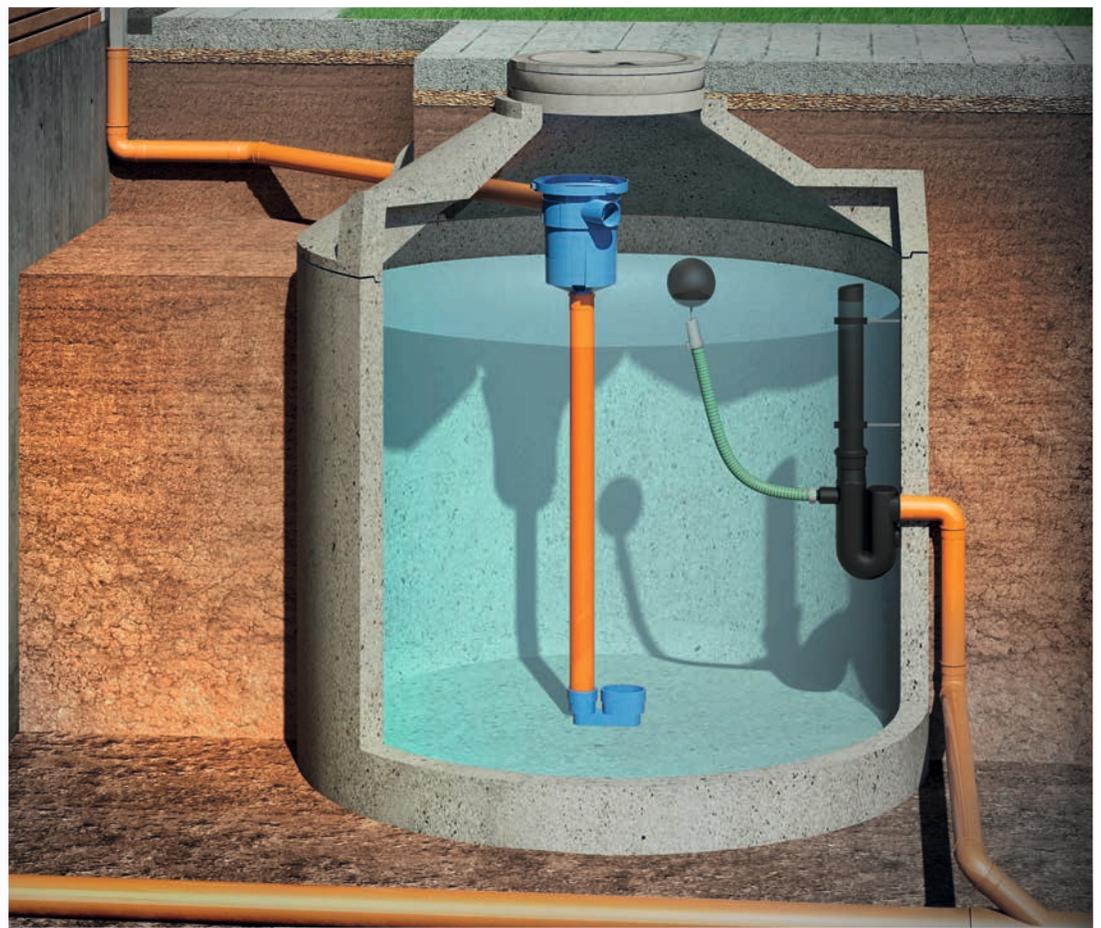
3P Flow Regulator 1" Item No. 4000320

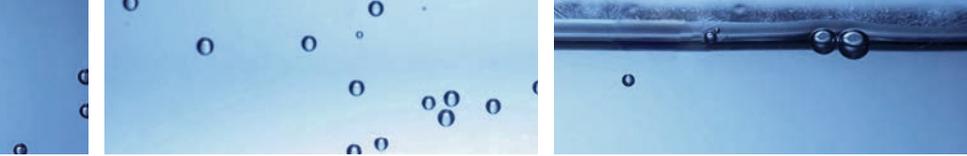


Diam. Tube	Max. flow rate	Connectable area with max. 200 l/(sxha)	Connectable area with max. 300 l/(sxha)
DN	l/s	m ²	m ²
100	6.4	320	213

Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 0.32 l/s with a roof area of 213 m².

More information: www.3ptechnik.com





3P Garden Filter XL



3P Gartenfilter XL DN 125 / 200
Item No.1000610
3P Gartenfilter XL DN 150
Item No.1000670

Easy rainwater filter with integrated dirt retention basket for installation into rainwater tanks.

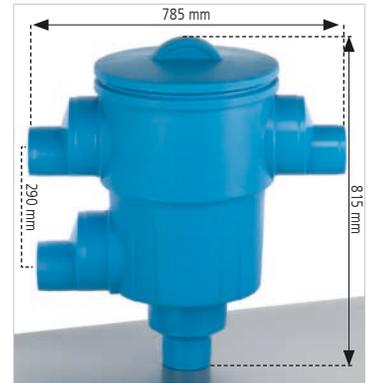
The dirt basket made of plastics can be removed easily with the removal handle. The 3P Garden Filter XL is suitable for equipments which are used only for watering the garden.

The two upper adapters DN 125 / DN 200 can be used as inlets or also optionally as an emergency overflow.

The lower or lateral adapter is used as inlet to the rainwater tank. There you can also install a calmed inlet.

Connections: DN 125 / DN 200
Connection capacity:
for roof areas up to 387 m² / 1347 m²
The cleaned water can be used for garden watering.
The filter has to be cleaned depending on the contamination several times during the year.

Material filter basket: Polyethylene
Ø 410 x 275 mm
Mesh size: 1 mm
Diameter: 785 mm, Height: 815 mm



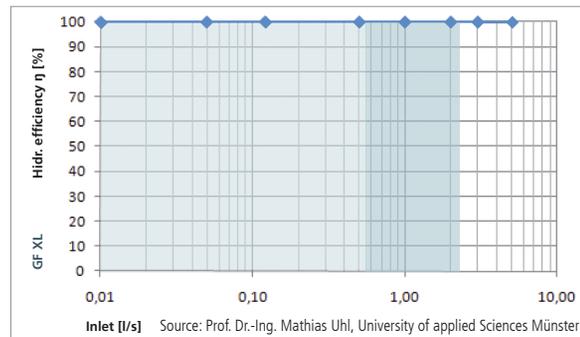
387m ²	627m ²	1347m ²	DN125/200	DN150
1 mm	sewer	0 cm		



3P Special Set GF XL

Item No. 1000664 3P Garden Filter XL DN 150
Item No. 1000665 3P Garden Filter XL DN 125 / 200

- 3P Garden Filter XL
- 3P Overflow Siphon DN 150 / 200 / 250
- 3P Calmed Inlet DN 150 / 200 / 250



Diam. Tube DN	Max. flow rate l/s	Connectable area with max. 200 l/(sxha) m ²	Connectable area with max. 300 l/(sxha) m ²
125	11.6	580	387
150	18.8	970	627
200	40.4	2020	1347

DN 125: Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 0.58 l/s with a roof area of 387 m².

DN 150: Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 0.95 l/s with a roof area of 627 m².

DN 200: Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 2.02 l/s with a roof area of 1347 m².

More information: www.3ptechnik.com





3P Infiltration and Retention Filter XL

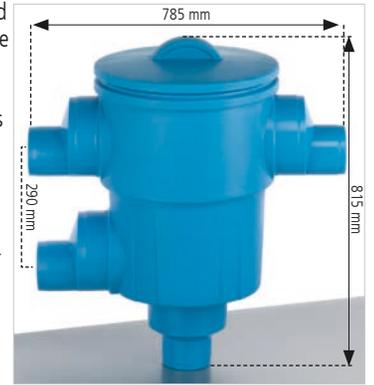


3P Infiltration and Retention Filter XL
 DN 125 / 200 Item No.1000645
 3P Infiltration and Retention Filter XL DN 150
 Item No.1000675

Easy rainwater filter with integrated dirt retention basket for installation into rainwater tanks.
 The dirt basket made of plastics can be removed easily with the removal handle.
 The 3P Infiltration and Retention Filter XL is suitable for flushing the toilet, washing machine and for watering the garden and where the rainwater has to be infiltrated.

The two upper adapters DN 125 / DN 200 can be used as inlets or also optionally as an emergency overflow.

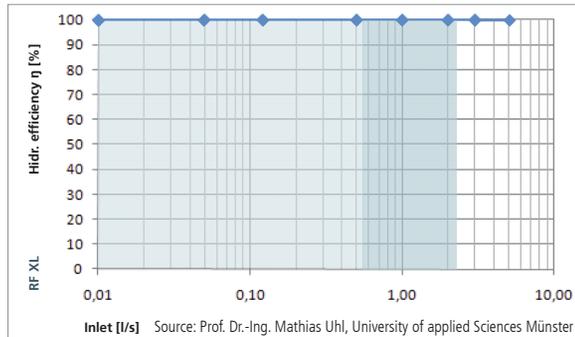
The lower or lateral adapter is used as inlet to the rainwater tank. There you can also install a calmed inlet.
 Connections: DN 125 / DN 200
 Connection capacity: for roof areas up to 387 m² / 1347 m²
 The cleaned water can be used for toilet flushing, washing machine and for garden watering.
 The filter has to be cleaned depending on the contamination several times during the year.
 Material filter basket: Stainless steel
 Ø 410 x 275 mm
 Mesh size: 0.55 mm
 Diameter: 785 mm, Height: 815 mm



3P Special Set RF XL

- 3P Infiltration and Retention Filter XL
- 3P Overflow Siphon DN 150 / 200 / 250
- 3P Calmed Inlet DN 150 / 200 / 250

Item No. 1000643 3P Infiltration and Retention Filter XL DN 150
 Item No. 1000644 3P Infiltration and Retention Filter XL DN 125 / 200



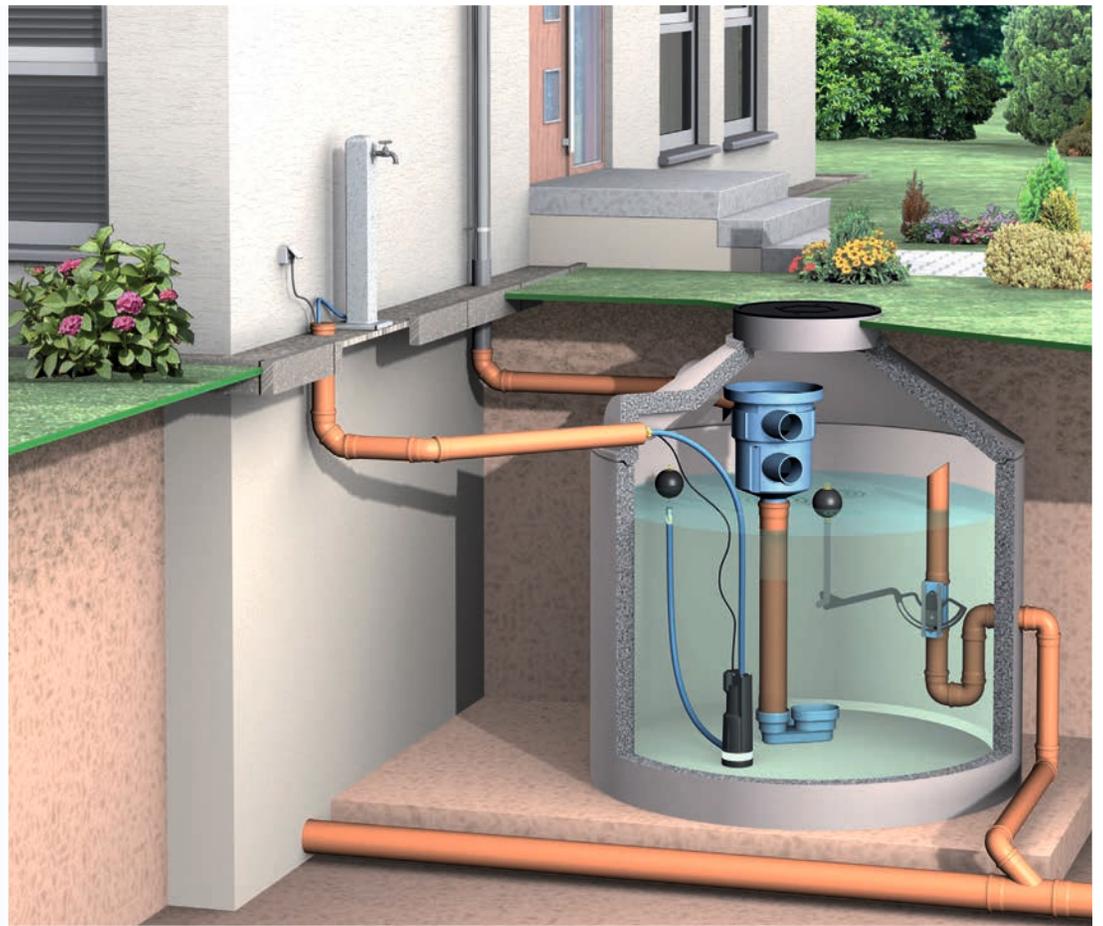
Diam. Tube	Max. flow rate l/s	Connectable area with max. 200 l/(sxha) m ²	Connectable area with max. 300 l/(sxha) m ²
DN 125	11.6	580	387
DN 150	18.8	970	627
DN 200	40.4	2020	1347

DN 125: Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 0.58 l/s with a roof area of 387 m².

DN 150: Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 0.94 l/s with a roof area of 627 m².

DN 200: Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 2.02 l/s with a roof area of 1347 m².

More information: www.3ptechnik.com



3P Garden Filter XL trafficable

3P Garden Filter XL trafficable
DN 125 / 200
Item No. 1000680

Easy rainwater filter with integrated dirt retention basket for installation in a shaft. The dirt basket made of plastics can be removed easily with the removal handle. The 3P Garden Filter XL is suitable for equipments which are used only for watering the garden. The two upper adapters DN 125 / DN 200 can be used as inlets or also optionally as an emergency overflow.

The lower or lateral adapter is used as inlet to the rainwater tank. There you can also

install a calmed inlet.

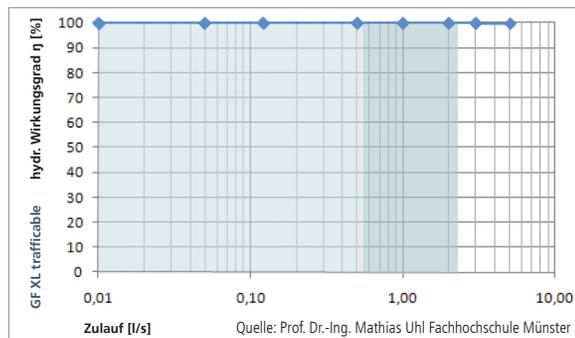
Connections: DN 125 / DN 200
Connection capacity:
for roof areas up to 387 m² / 1347 m²
The cleaned water can be used for garden watering.
The filter has to be cleaned depending on the contamination several times during the year.
Material filter basket: Polyethylene
Ø 410 x 275 mm
Mesh size: 1 mm
Diameter: 785 mm, Height: 660 mm



3P Special Set Garden Filter XL trafficable

Item No. 1000682

- 3P Garden Filter XL trafficable
- 3P Overflow Siphon DN 150 / 200 / 250
- 3P Calmed Inlet DN 150 / 200 / 250



Diam. Tube	Max. flow rate	Connectable area with max. 200 l/(sxha)	Connectable area with max. 300 l/(sxha)
DN	l/s	m ²	m ²
125	11.6	580	387
150	18.8	970	627
200	40.4	2020	1347

DN 125: Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 0.58 l/s with a roof area of 387 m².

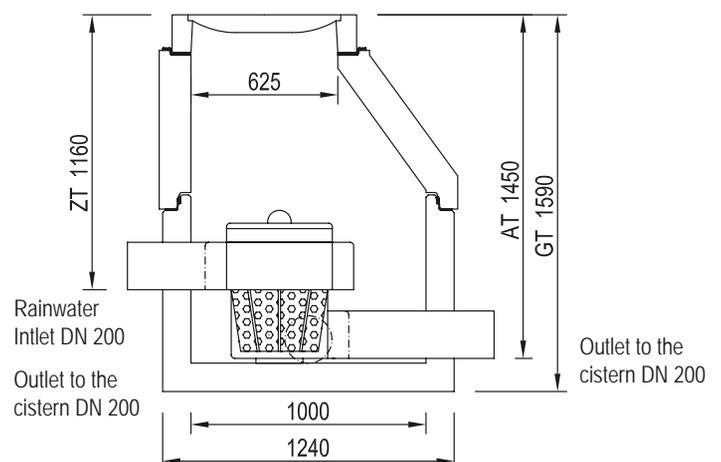
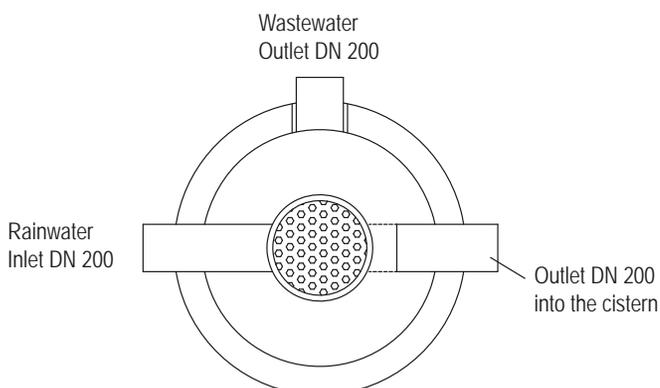
DN 150: Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 0.94 l/s with a roof area of 627 m².

DN 200: Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 2.02 l/s with a roof area of 1347 m².

Filter Shaft DN 1000 for 3P Garden Filter XL trafficable

Item No. 1000686

Illustration consists of Item No. 1000680 + 1000686



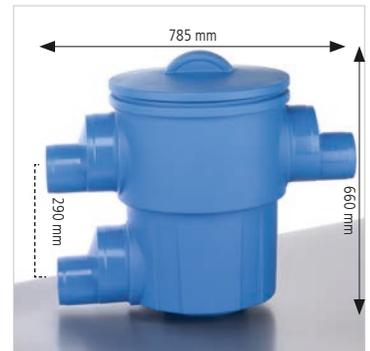
3P Infiltration and Retention Filter XL trafficable

Infiltration and Retention Filter XL trafficable DN 125 / 200
Item No. 1000685

Easy rainwater filter with integrated dirt retention basket for installation in a shaft. The dirt basket made of plastics can be removed easily with the removal handle. The 3P Infiltration and Retention Filter XL is suitable for flushing the toilet, washing machine and for watering the garden and where the rainwater has to be infiltrated.

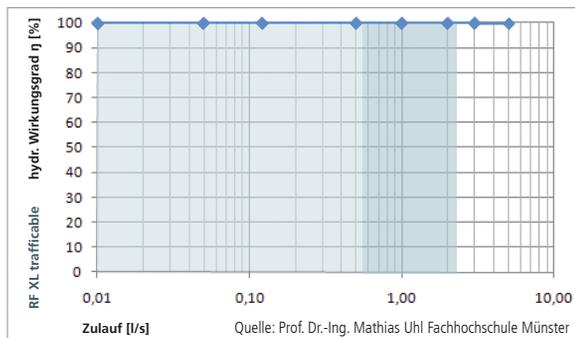
The two upper adapters DN 125 / DN 200 can be used as inlets or also optionally as an emergency overflow. The lower or lateral adapter is used as inlet

to the rainwater tank. There you can also install a calmed inlet. Connections: DN 125 / DN 200 Connection capacity: for roof areas up to 387 m² / 1347 m² The cleaned water can be used for toilet flushing, washing machine and for garden watering. The filter has to be cleaned depending on the contamination several times during the year. Material filter basket: Stainless steel Ø 410 x 275 mm Mesh size: 0.55 mm Diameter: 785 mm, Height: 660 mm



3P Special Set RF XL trafficable Item No. 1000688

- 3P Infiltration and Retention Filter XL trafficable
- 3P Overflow Siphon DN 150 / 200 / 250
- 3P Calmed Inlet DN 150 / 200 / 250



Diam. Tube	Max. flow rate	Connectable area with max. 200 l/(sxha)	Connectable area with max. 300 l/(sxha)
DN	l/s	m ²	m ²
125	11.6	580	387
150	18.8	970	627
200	40.4	2020	1347

DN 125: Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 0.58 l/s with a roof area of 387 m².

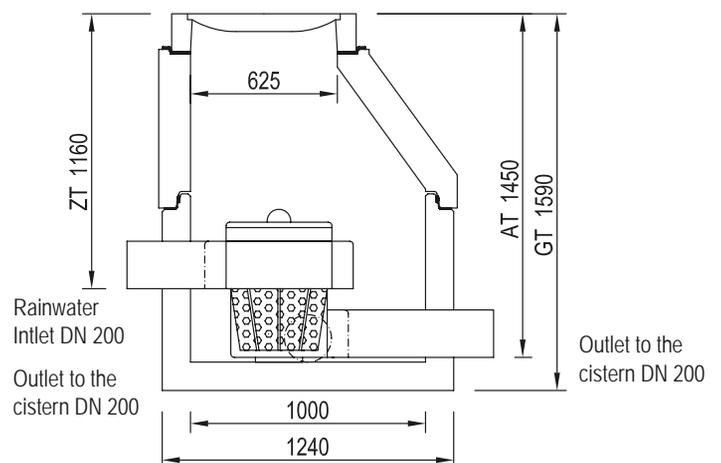
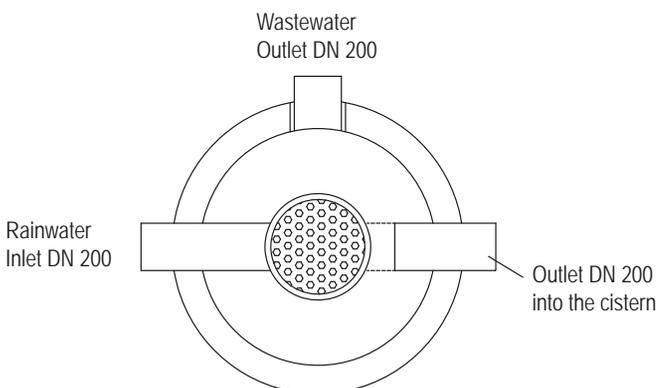
DN 150: Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 0.94 l/s with a roof area of 627 m².

DN 200: Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 2.02 l/s with a roof area of 1347 m².

Filter Shaft DN 1000 for 3P Infiltration and Retention Filter XL trafficable

Item No. 1000686

Illustration consists of Item No. 1000685 + 1000686

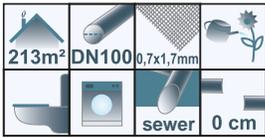


3P Sinus Filter

Item No. 1000200



Rainwater filter for installation within rainwater tanks made of polyethylene or concrete. Ideal for retrofitting of existing tanks, because the 3P Sinus Filter has no height difference between rainwater inlet and outlet to the wastewater sewer. The filter cartridge lies diagonally in the housing, therefore even more water can be safed in comparison to convential filters.



Retro-fitting with 3P Backwashing Device PF + SF is possible. The 3P Sinus Filter is ideally suited for use in combination with a 3P Overflow Siphon Duo and the 3P Calmed Inlet.

Decision guidance: page 4

Filter according to DIN 1989-2, Typ C
 Rainwater inlet: DN 100
 Outlet to storage: DN 100
 Outlet to sewer: DN 100
 Height difference between rainwater inlet and outlet: 0 mm
 Material filter cartridge: Stainless steel 1.4301
 Material Poly-Net: Polyethylene
 Mesh size: 0.7 x 1.7 mm
 Dimensions: 467 x 350 mm



Backwashing Device Sinus Filter
 Backwashing nozzle + 10 m PE tube
 Item No. 1000355

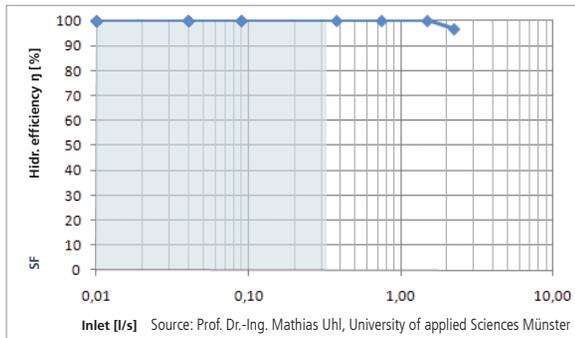


3P Special Set SF Item No. 1000222

- 3P Sinus Filter
- 3P Calmed Inlet
- 3P Overflow Siphon duo



Floating Pump Intake with hose
 Item No. 4000620



Diam. Tube	Max. flow rate	Connectable area with max. 200 l/(sxha)	Connectable area with max. 300 l/(sxha)
DN	l/s	m ²	m ²
100	6.4	320	213

Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 0.32 l/s with a roof area of 213 m².

More information: www.3ptechnik.com



3P Siphon Filter

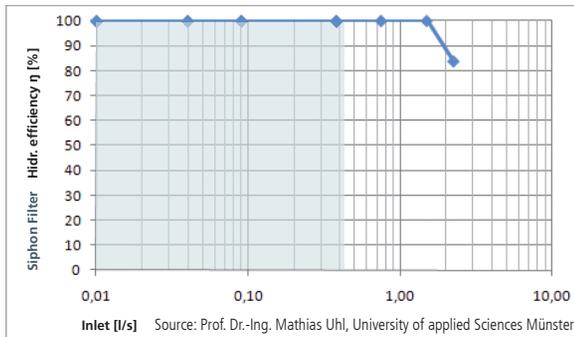
Item No. 1000430

Small and compact rainwater filter for the installation in rainwater tanks made of plastics or concrete.

Due to the inclined angle of the filter sieve and its very smooth surface structure the dirt is rinsed into the sewer. The inner filter sieve is made of stainless steel. With this filter, the overflow siphon DN 100 with odour trap and suction of the surface water is already integrated. Retro-fitting with 3P Backwashing Device is possible. Inside the filter housing an opening is installed which can be used. The overflow is twistable to 90°.

Connection capacity according to DIN 1986: up to 213 m² roof area with a rainfall intensity of 300 l/(s·ha).

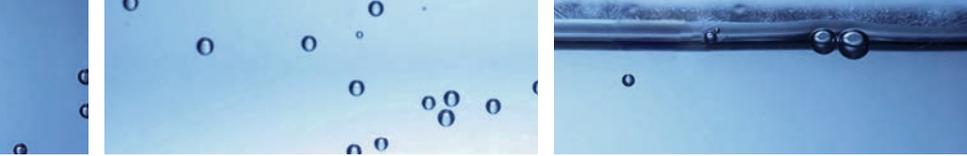
All connections: DN 100
Height difference between inlet and outlet: 135 - 340 mm
Wedge wire filter: 0.7 x 1.7 mm



Diam. Tube	Max. flow rate	Connectable area with max. 200 l/(s·ha)	Connectable area with max. 300 l/(s·ha)
DN	l/s	m ²	m ²
100	6.4	320	213

Average intensity of rainfall in Germany 80% under 15 l/(s·ha), this results in a volume flow of 0.32 l/s with a roof area of 213 m².





3P Patronen Filter

Item No. 1000300

Small rainwater filter for the installation in rainwater tanks made of polyethylene or concrete.

Due to the inclined angle of the filter sieve the dirt is rinsed into the sewer. Filter cartridge mesh in stainless steel within plastic housing.

Retro-fitting with 3P Backwashing Device PF + SF is possible. Inside the filter housing an opening is installed which can be used. The 3P Patronen Filter is ideally suited for use in combination with a 3P Overflow Siphon duo and the 3P Calmed Inlet.

Decision guidance: page 4

Filter according to DIN 1989-2, Typ C

Rainwater inlet: DN 100

Outlet to storage: DN 100

Outlet to sewer: DN 100

Height difference between rainwater inlet and outlet: 66 mm

Material filter cartridge:

Stainless steel 1.4301

Material Poly-Net: Polyethylene

Mesh size: 0.7 x 1.7 mm

Dimensions: 402 x 305 mm



Backwashing Device Patronen Filter
Backwashing nozzle
+ 10 m PE tube
Item No. 1000355

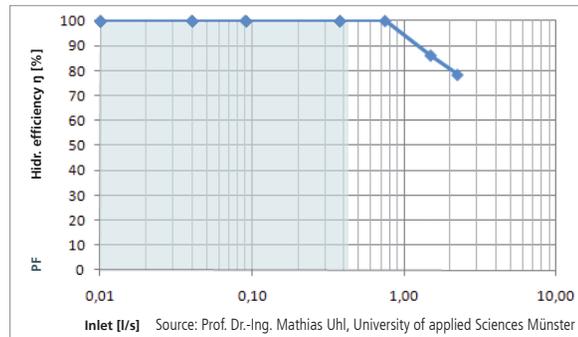


3P Special Set PF Item No. 1000333

- 3P Patronen Filter
- 3P Calmed Inlet
- 3P Overflow Siphon duo



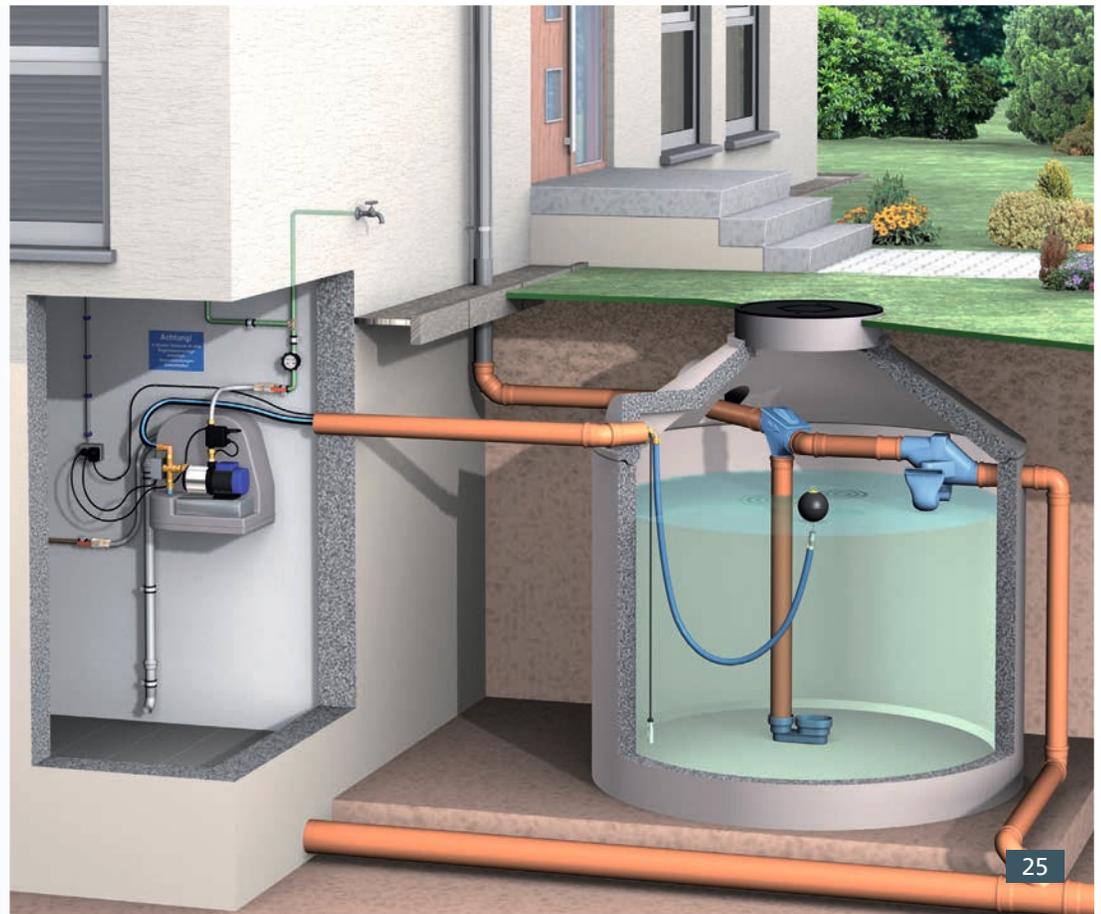
Floating Pump Intake with hose
Item No. 4000620 €



Diam. Tube	Max. flow rate	Connectable area with max. 200 l/(sxha)	Connectable area with max. 300 l/(sxha)
DN	l/s	m²	m²
100	6.4	320	213

Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 0.32 l/s with a roof area of 213 m².

More information: www.3ptechnik.com



3P Cistern Filter

Item No. 1000400



Rainwater filter for installation in rainwater tanks made of polyethylene or concrete. Specially: two step cleaning system. The first coarse filter mesh protects the second, finer mesh by removing larger leaves and particles.

Coarse dirt is led over the first filter sieve to the sewer. Finer dirt particles are sorted out by the second filter sieve. Retro-fitting with 3P Backwashing Device PF + SF is possible. Inside the filter housing an opening is installed which can be used. The 3P Cistern Filter is ideally suited for use in combination with a 3P Overflow Siphon Duo and the 3P Calmed Inlet.

Decision guidance: page 4

Filter according to DIN 1989-2, Typ C
 Rainwater inlet: DN 100
 Outlet to storage: DN 100
 Outlet to sewer: DN 100
 Height difference between rainwater inlet and outlet: 117 mm
 Material filter insert: Stainless steel 1.4301
 Mesh size: 0.7 x 1.7 mm
 Dimensions: 532 x 380 mm



Backwashing Device Cistern Filter
 Backwashing nozzle + 10 m PE tube
 Item No. 1000455

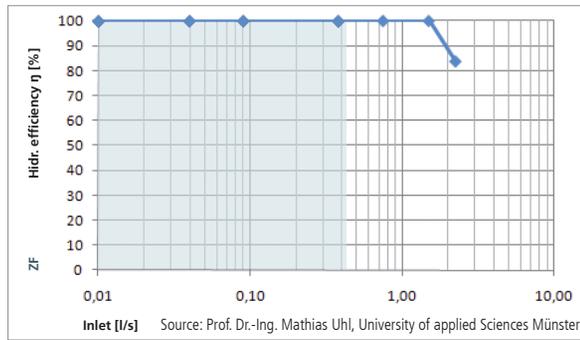


3P Special Set ZF Item No. 1000444

- 3P Cistern Filter
- 3P Calmed Inlet
- 3P Overflow Siphon duo



Floating Pump Intake with hose
 Item No. 4000620



Diam. Tube	Max. flow rate	Connectable area with max. 200 l/(sxha)	Connectable area with max. 300 l/(sxha)
DN	l/s	m ²	m ²
100	6.4	320	213

Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 0.32 l/s with a roof area of 213 m².

More information: www.3ptechnik.com



3P Kompakt Filter

Item No. 1000100

Decision guidance: page 4



The smallest rainwater filter of 3P Technik for the installation in rainwater tanks made of polyethylene or concrete. The 3P Kompakt Filter is to use where there is little room and no height difference between inlet and outlet. Retro-fitting with 3P Backwashing Device PF + SF is possible. Inside the filter housing an opening is installed which can be used. The 3P Kompakt Filter is ideally suited for use in conjunction with a 3P Overflow Siphon duo and the 3P Calmed Inlet. Connection capacity according to DIN 1986: for roof areas up to 213 m² at a rainfall capacity of 300 l/(sxha)

Filter according to DIN 1989-2, Typ C
 Rainwater inlet: DN 100
 Outlet to storage: DN 100
 Outlet to sewer: DN 100
 Height difference between rainwater inlet and outlet: 0 mm
 Housing material: Polyethylene
 Material filter cartridge: Stainless steel 1.4301
 Material Poly-Net: Polyethylene
 Mesh size: 0.7 x 1.7 mm
 The cleaned water can be used in washing machines, toilet flushing and garden watering. Low maintenance, depending on the contamination several times during a year. Dimensions: 295 x 320 x 260 mm



Backwashing Device Kompakt Filter
 Backwashing nozzle + 10 m PE tube
 Item No. 1000355

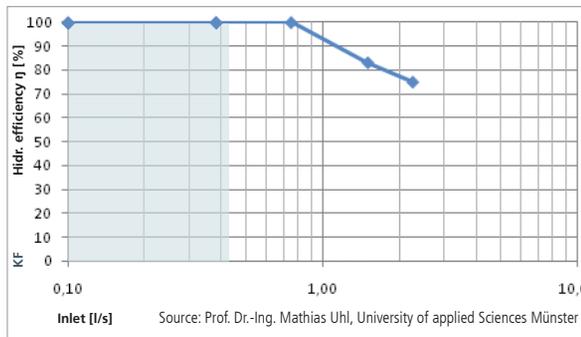


3P Special Set KF Item No. 1000111

- 3P Kompakt Filter
- 3P Calmed Inlet
- 3P Overflow Siphon duo



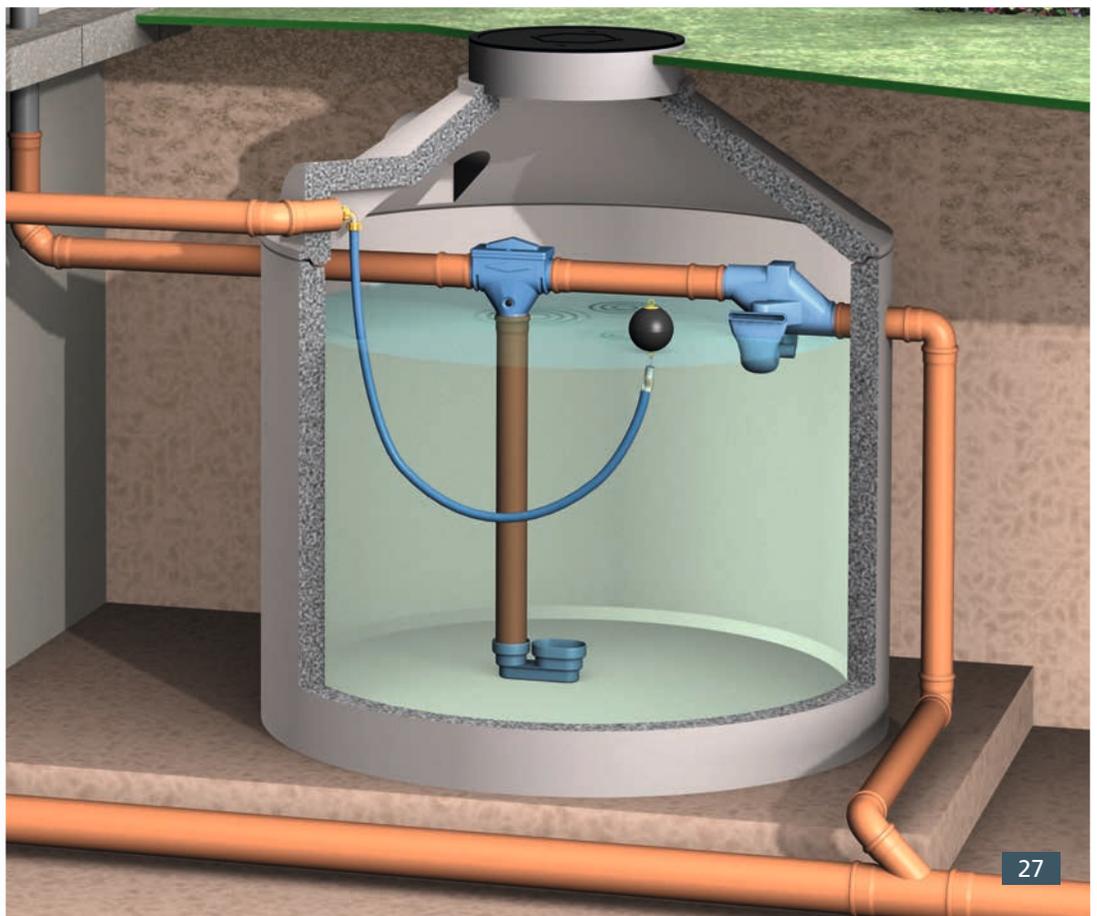
Floating Pump Intake with hose
 Item No. 4000620



Diam. Tube	Max. flow rate	Connectable area with max. 200 l/(sxha)	Connectable area with max. 300 l/(sxha)
DN	l/s	m ²	m ²
100	6.4	320	213

Average intensity of rainfall in Germany 80% under 15 l/(sxha), this results in a volume flow of 0.32 l/s with a roof area of 213 m².

More information: www.3ptechnik.com





3P Overflow Siphon duo

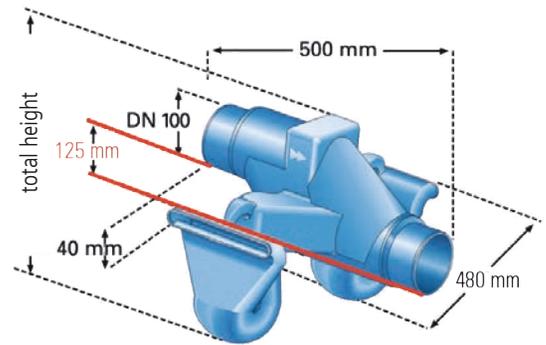
Item No. 4000200



Overflow Siphon with odour trap and suction of the surface water. The Overflow Siphon is installed inside the rainwater tank, between the filter and the tank wall overflow outlet. Therefore unnecessary installation time and fittings are omitted. Because of the firm height difference inside the overflow siphon, installation errors can be avoided and the functionality is secured. Overflow siphon with a lateral suction of the surface water on both sides inside the rainwater tank. No entry of rodents.

How it works:

Dirt particles, which are lighter than water (e.g. pollen) float on the water's surface. The design of the Overflow Siphon ensures it removes the floating debris. Regular overflowing of the cistern is essential for a high water quality. The Overflow skims the top layer enabling oxygen diffusion at the water surface. Regular overflowing of the rainwater tank is essential as it prevents the formation of a surface matt of light particles which reduce oxygen diffusion at the water surface. This keeps the water fresh by stopping any anaerobic decomposition from taking place.



Connection: DN 100
Material: Polyethylene
Weight: 2.2 kg

3P Overflow Siphon mono

Item No. 4000250



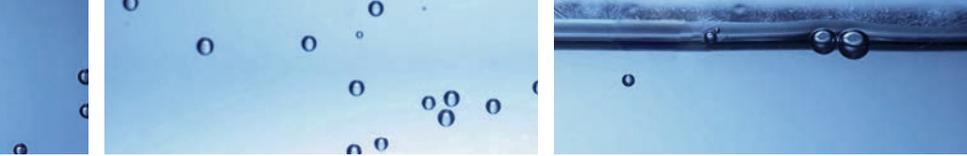
Overflow Siphon with odour trap and suction of the surface water. Overflow siphon with a lateral suction of the surface water on both sides inside the rainwater tank. No entry of rodents. Regular overflowing of the rainwater tank is essential as it prevents the formation of a surface matt of light particles which reduce oxygen diffusion at the water surface. This keeps the water fresh by stopping any anaerobic decomposition from taking place.

How it works:

Dirt particles, which are lighter than water (e.g. pollen) float on the water's surface. The Overflow skims the top layer enabling oxygen diffusion at the water surface.

Connection: DN 100
Material: Polyethylene
Weight: 2.0 kg

Connection adapter DN 50 for using a high-temperature resistant (HT) tube. The overflow siphon is filled with water (odour trap). If the storage has a low water level, the overflow siphon in the right position.



3P Overflow Siphon uno for concrete tanks

Item No. 4000265

Overflow Siphon with odour trap and suction of the surface water.

Dimensions: 540 x 190 x 270 mm

Material: Polyethylene

Weight: 1.1 kg

With screw-threaded union connector DN 100, ideal for concrete tanks.

With rodent barrier



3P Overflow Siphon uno for plastic tanks

Item No. 4000260

Overflow Siphon with odour trap and suction of the surface water.

Dimensions: 660 x 190 x 270 mm

Material: Polyethylene

Union connector: DN 100 with seal

Weight: 1.1 kg

With screw-threaded union connector DN 100, ideal for plastic tanks.

With rodent barrier

3P Overflow Siphon DN 100



Item No. 4000310 with rodent barrier

Item No. 4000210 without rodent barrier

Odour trap to the sewer

Dimensions: 425 x 560 x 110 mm

Material: Polyethylene

Play-ready component

Only useable with prefilter

Weight: 1.1 kg

With rodent barrier

3P Calmed Inlet DN 100 / DN 125



Item No. 4000100

Provides a calmed inlet for rainwater in larger rainwater tanks.

Dimensions: 320 x 155 x 100 mm

Dirt particles denser than water sink to the bottom of a rainwater tank and form a sediment layer, which demonstrably has a positive influence on the stored rainwater. Rainwater tanks with a sediment layer do have clearer water. The Calmed Inlet prevents the incoming rainwater from disturbing this settled sediment layer, keeping the water free of dirt particles. The oxygen keeps the water fresh by preventing anaerobic decomposition. The calmed inlet is called the second cleaning step inside the rainwater tank.

Material: Polyethylene with connection possibilities for pipes: DN 100 / DN 125

Weight: 0.5 kg



3P Retention Regulator

Item No. 4000800

Takes care of a regular and defined discharge which adapts to the water level; the amount of regulation is adjustable; the opening of the regulator cannot be blocked and is therefore low-maintenance.

Blue retention corpus: DN 100
 Dimensions: 390 x 515 mm
 Material: Polyethylene
 Material sickle-type blind:
 Stainless steel of different composition
 Material floating ball: Polyethylene
 Material brushes: PVC and Polyethylene
 Weight: 2.3 kg

Flow rate in litre per second:

Blind	A	B	C	D	E
Q l/sec	0.60	0.50	0.40	0.30	0.20

Tested with test report: University of Stuttgart



3P Retention Regulator 1" / 2" / 3"

Takes care of a regular and defined discharge.

Advantage: Retention Regulator and Overflow Siphon in one part, that adapts to the water level.

Item No. 4000320

Hose: 1"
 Dimension:
 600 x 130 x 850 mm
 Material Polyethylen
 Proofed at the FH Münster
 Flow rate in litre per second:
 0,07 l/s to 0,50 l/s

Flow rate in litre per second:
 0.07 l/s to 0.50 l/s

Item No. 4000325

Hose: 2"
 Dimension:
 600 x 130 x 850 mm
 Material Polyethylen
 Proofed at the FH Münster
 Flow rate in litre per second:
 0,66 l/s to 1,64 l/s

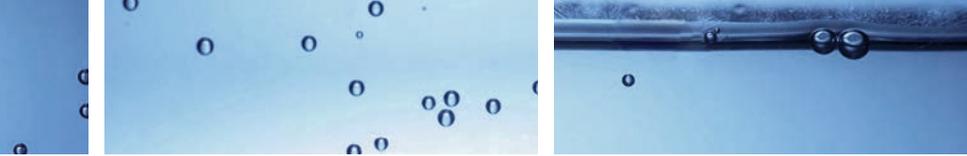
Flow rate in litre per second:
 0.66 l/s to 1.64 l/s

Item No. 4000330

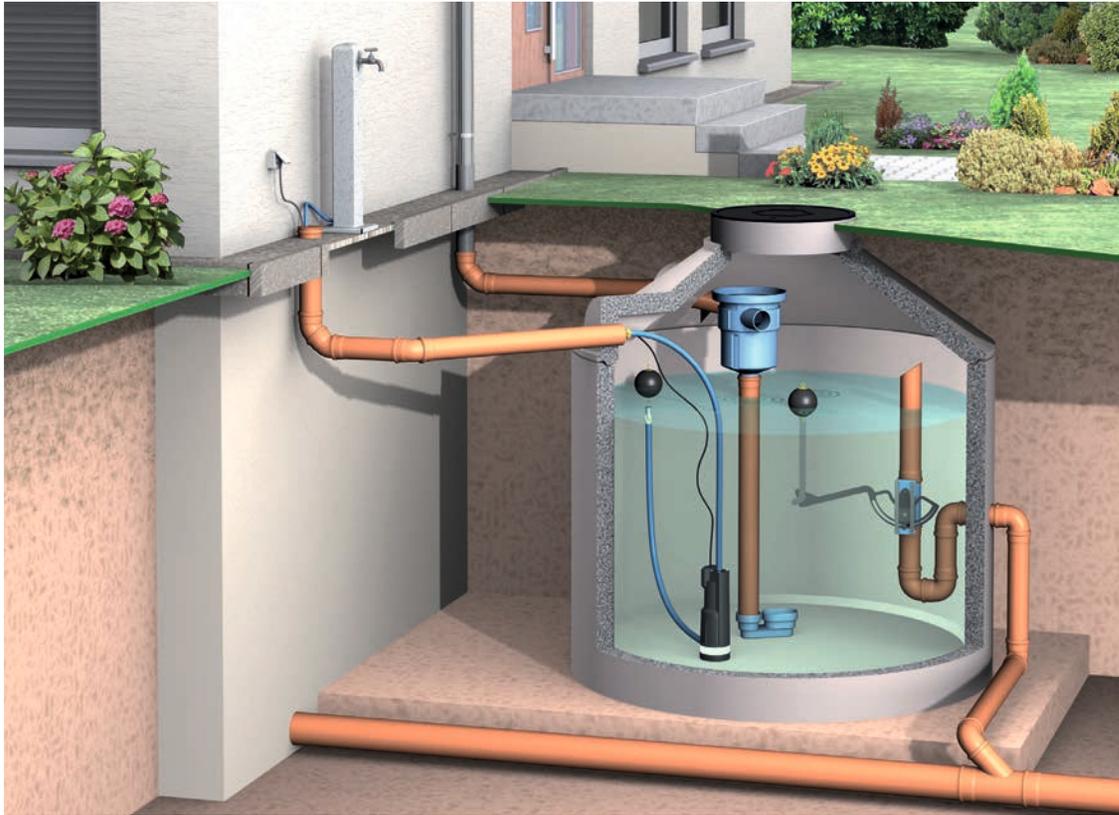
Hose: 3"
 Dimension:
 600 x 130 x 850 mm
 Material Polyethylen
 Proofed at the FH Münster
 Flow rate in litre per second:
 0,83 l/s to 3,85 l/s

Flow rate in litre per second:
 0.83 l/s to 3.85 l/s

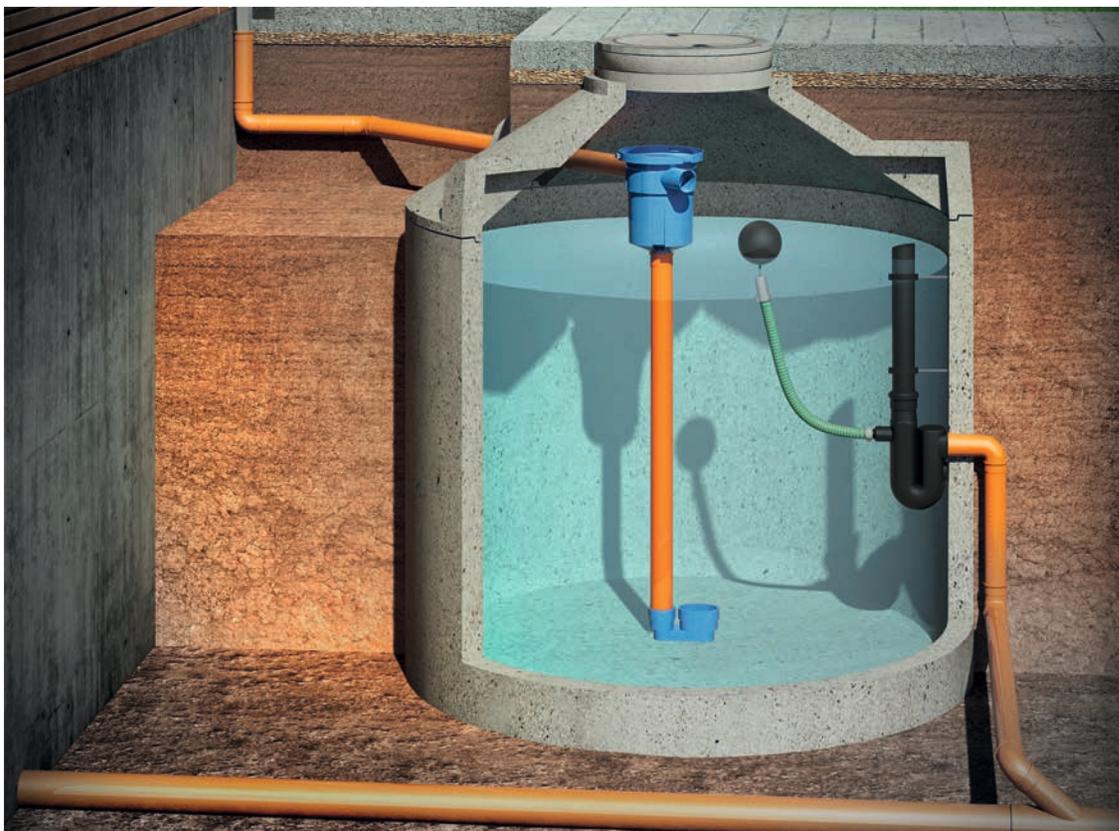
Tested with test report: University of Münster



3P Retention Regulator



3P Retention Regulator 1" / 2" / 3"





3P Water Extraction Set

Item No. 9000390

consisting of:

small bottom tray (Ø 15 cm) plastic,
cover green, walkable

½" hose connection

15 m PE-Pipe DN 25



3P Wall Sealing Plate

Item No. 5000300
DN 100 2x Ø 32.1 x Ø 16 and 2 cables

Item No. 5000310
DN 100 1x Ø 36.1 x Ø 16 and 2 cables

Item No. 5000320
DN 100 1x Ø 32.1 x Ø 16 and 2 cables

According to the application, there are different wall sealing plates available:
Normally Ø 32 for 1" PE-pipe,
Ø 36 for 1" suction pipe,
Ø 50 for 50 HT-pipes for the supply of potable water

Cable for power supply of submersible pump and for measuring the water level Ø 16 for the PE-pipe of the backwashing device

This opening is always included in our wall penetrations but can be closed with the included plug if not necessary.

A wall penetration consists of a 30 mm strong rubber sheet with 2 discs and screw connections made of stainless steel



3P Pneumatic Level Gauge

Item No. 5000500

Universal, pneumatic level gauge for remote measurement up to 50 m, with capsule type pressure gauge

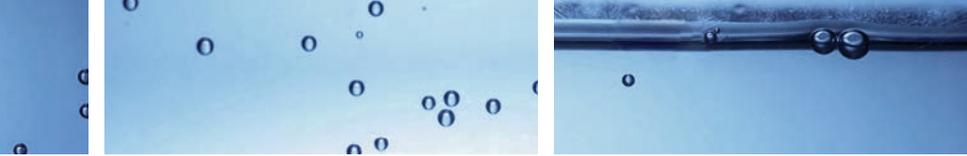
Water level height infinitely adjustable from 1 m to 3 m

Measurement accuracy ± 3 % of full scale value

Zero adjust and overpressure protection

Indicator for easy consumption check
Housing made of shock-resistant plastic for wall mounting; display in % filling level

Universal connection for pipe or hose with an external diameter of 6 mm



3P Flow Regulator 1 "

Item No. 4000810

3P Flow Regulator for attenuation tanks.

Designed as a floating extraction element with floating ball and filter basket. The regulation element is situated between the filter basket and the hose nozzle.

Adjustment of the regulated quantity takes place at the regulation element.

Floating ball: Ø 14 cm
 Material: Polyethylene
 Suction hose: 1.5 m
 Material connection parts: Brass
 Material house clamps: stainless steel
 Weight: 1.3 kg

Flow rate in litre per second:

Q l/sec	0,05		0,10		0,15		0,25
	0,27		0,30		0,40		0,50



3P Flow Regulator 1 1/2 "

Item No. 4000820

3P Flow Regulator for attenuation tanks.

Designed as a floating extraction element with floating ball and filter basket.

With 1.5 m hose and 1 1/2" IG

Possible flow rate: 1.0 l/sec.



3P Floating Pump Intake with hose

Item No. 4000620

The Floating Pump Intake represents the 4th cleaning step in the rainwater system.

The rainwater should not be absorbed from the deepest point in the storage as sediment particles are raised.

Therefore the suction should be made where the rainwater of the storage tank is cleaner.

For the extraction of rainwater inside the storage.

For the connection of PE-pipes with Ø 32 mm

Consisting of:
 Floating ball Ø 15 cm
 Filter inlet sleeve (Mesh width: 1,2 mm)
 Check valve 1" with hose clip
 Rack for 1" PE-pipes
 2 m suction pipe



3P Backflow traps



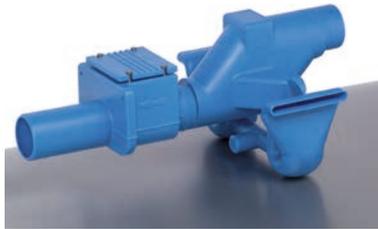
3P Backflow trap DN 100
Item No. 4000910

Dimensions: 500 x 260 mm

3P Backflow trap DN 100 prevents the backflow of any contaminated water entering the rainwater tank. It is suitable for installation in tubes DN 100 and exists of

a standard backflow security. The backflow trap allows the water to flow only into one direction. A knuckle makes sure that the overflow of the rainwater tank works under normal conditions. If the water flows in the other direction, the valve would close and prevents that dirt is floating into the rainwater tank.

The valve has a special gasket integrated.



3P Backflow trap DUO / DN 100
Item No. 4000940

Dimensions: 850 x 480 mm

Same character as backflow trap DN 100, additional it has a special overflow with odour trap and suction of the surface water. The 3P Backflow Prevention duo is installed inside

the rainwater tank, between the filter and the tank wall overflow outlet. Therefore unnecessary installation time and fittings are omitted. Because of the firm height difference inside the overflow siphon, installation errors can be avoided and the functionality is secured. Overflow siphon with a lateral suction of the surface water on both sides inside the rainwater tank. No entry of rodents.



3P Backflow trap UNO / DN 100
Item No. 4000930

Dimensions: 850 x 260 mm

Same character as backflow trap DN 100, additional with special overflow siphon uno, overflow with odour trap and suction of the surface water.

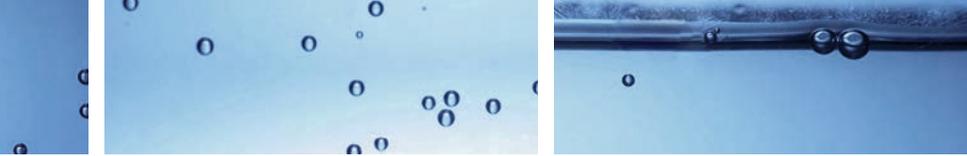
General information on back pressure:

When wastewater from the sewer network is forced back into the connected underground pipes, this is referred to as back pressure. Not only large amounts of precipitation, but also overloading of the sewer pipe, unplanned introduction of wastewater, operational failures of pumps or narrowing of cross-sections can be the causes.

The local councils are not liable for damage caused by sewer back pressure. They recommend, or order as the case may be, that back pressure safety devices be fitted to buildings located in endangered sewer sections. Since damage caused by back pressure is also not normally covered by household contents insurance or property insurance, the house owner can take out additional insurance. However, there may be restrictions even here.

The 3P Backflow trap prevents the ingress of wastewater into the rainwater tank in the event of back pressure. It is suitable for installation in DN 100 pipes.





3P Rainus

Item No. 2000700 grey
Item No. 2000790 brown

The 3P Rainus is a rain filter which is installed into the downpipe. It filters the dirt from the rainwater reliably and is easy to maintain. The installation can be made by yourself.

With this rain filter the dirt is filtered out through the front opening and the cleaned rainwater is directed through the downpipe.

The 3P Rainus is also ideal for refitting of systems which do not have a filter integrated.

Connection capacity: 70 m² roof area

Max. Flow Rate Sieve insert approx. 0.6 l/sec
= approx. 2 m³ cleaned water per hour

The upper connection can accept metal downpipes from Ø 80 to 110 mm

The cleaned water can be used in washing machines, toilet flushing and garden watering.

Maintenance intervall according to pollution. If there is a lot of water opting out, the sieve can be removed easily and can be cleaned.



3P Leaf Separator

Item No. 2000210 brown
Item No. 2000220 grey

You cannot directly define the 3P Leaf Separator as a rain filter.

You rather use it as a pre-filter for fine filter or basket filter.

Through a slide coarse dirt as leaves is directed to the front.

Therefore it is also used as protection against the loading of sewer pipes.

Advantage: no risky cleaning of rain pipes any more.

Connection possibility for pipes of Ø 80 and 100, adapter is included.

Winter period: take out the guiding plate and close the green tap

Guiding plate can be removed.

Guiding ribs distance: approx. 5 mm



3P Downpipe Filter

Item No. 2000510 Copper
Item No. 2000520 Titanzinc

Filters and collects rainwater for water butts and smaller rain tanks.

For roof areas up to 150 m²
Available in Copper or Titanzinc
Suitable for downpipe DN 100

Can be reduced to Ø 80 / 87 mm with a special reduction set, if necessary

High efficiency

Low maintenance

With overflow function



3P Filter Collector

Item No. 2000810 brown
Item No. 2000820 grey

The 3P Filter Collector filters and collects rainwater for water butts and smaller rain tanks. With overflow function due to back pressure principle.

With 2 positions open or closed for summer and winter operation.

Integrated filter sieve: stainless steel

Mesh size: 0.7 x 1.7 mm

Easy installation and and maintenance

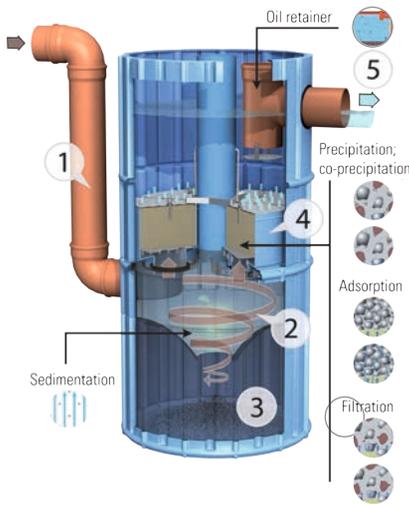
For roof areas up to 70 m²

For installation in downpipes from Ø 68 to 110 mm, special reductions included

High efficiency, low maintenance



3P Hydrosystem 1000



How it works

1. The stormwater from the drained area is led into the inlet, which is at the lower end of the shaft. A deflector plate sets up a radial flow.
2. Here, sedimentation of particles, especially the sand fraction and above, takes place in the hydrodynamic separator. This is due to turbulent secondary flows within a radial laminar flow regime.
3. The settleable solids are collected via an opening in the silt trap chamber. This chamber is evacuated periodically, via the by-pass central tube at intervals.

4. Four filter elements are located within the filter shaft. As waters flow upwards the finer particles are filtered out, whilst the dissolved pollutants are precipitated and absorbed. The filter is easily backwashed, and if completely clogged or exhausted, is easily replaced.
5. Clean water above the filter elements passes to discharge via an oil trap assembly. In the event of major spill, free floating oils etc are retained here. Normal concentrations of dissolved oils are retained within the filter elements.

The HS1000 is available with various filter types, depending on the usage of the connected area. The Roof type is used for roof areas that do not have a significant proportion of uncoated metals; the Metal type is used for metal roof areas, and the Traffic type is used for slightly polluted traffic areas. The Heavy Traffic type is used for heavily polluted traffic areas and has been granted general technical approval (Z-84.2-4) by the German Institute for Structural Engineering (DIBt). The maximum areas that may be connected depend on the surfaces. These are given in the following table.

Type	Item No.	Nature of the surface to be drained	Size of the surface to be drained	Item No. of filter element	Weight of filter element / piece	Total Weight
heavy traffic with technical approval (Z-84.2-4)	3100120	Highly polluted traffic areas (car parks in front of supermarkets, main roads, HGV access roads)	500 m ²	3100125	54 kg	300 kg
traffic	3100110	Slightly polluted traffic areas (side streets, staff car parks, yards)	750 m ²	3100115	34 kg	220 kg
roof	3100100	Roofs without a significant proportion of uncoated metals (< 50 m ²)	1.000 m ²	3100115	34 kg	220 kg
metal	3100130	Roofs made of uncoated metals (copper, zinc, lead)	500 m ²	3100135	66 kg	350 kg

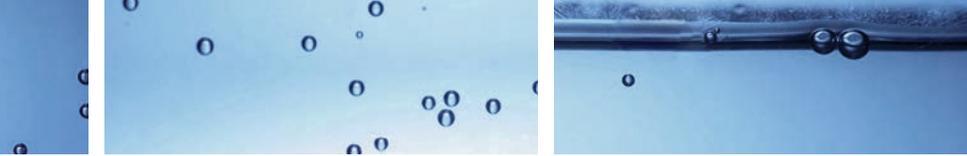
Parameter	Unit	non metal roof		Copper roof		Zinc roof		Parking lot, residential street		main road distributor		① aims of LAWA	② drinking water	③ See-page	④ Hydro-system
		from	to	from	to	from	to	from	to	from	to	permissible limit	permissible limit	control value	Aim
Phsico-chemical parameters												90-Perzentil			
electrical conductivity	[uS/cm]	25	270	25	270	25	270	50	2400	110	2400	-	2500	-	< 1500
pH value	[-]	4,7	6,8	4,7	6,8	4,7	6,8	6,4	7,9	6,4	7,9	-	6,5 - 9,5	-	7,0 - 9,5
Nutrients															
phosphorous (P ges)	[mg/l]	0,06	0,50	0,06	0,50	0,06	0,50	0,09	0,30	0,23	0,34	-	-	-	0,20
ammonium (NH ₄)	[mg/l]	0,1	6,2	0,1	6,2	0,1	6,2	0,0	0,9	0,5	2,3	-	0,5	-	0,3
nitrate (NO ₃)	[mg/l]	0,1	4,7	0,1	4,7	0,1	4,7	0,0	16,0	0,0	16,0	-	50,0	-	⑤
heavy metals															
cadmium (Cd)	[µg/l]	0,2	2,5	0,2	1,0	0,5	2,0	0,2	1,7	0,3	13,0	1,0	5,0	5,0	< 1,0
zinc (Zn)	[µg/l]	24	4.880	24	877	1.731	43.674	15	1.420	120	2.000	500	-	500	< 500
copper (Cu)	[µg/l]	6	3.416	2.200	8.500	11	950	21	140	97	104	20	2000	50	< 50
lead (Pb)	[µg/l]	2	493	2	493	4	302	98	170	11	525	50	10	25	< 25
nickel (Ni)	[µg/l]	2	7	2	7	2	7	4	70	4	70	50	20	50	< 20
chromium (Cr)	[µg/l]	2	6	2	6	2	6	6	50	6	50	50	50	50	< 50
organic substances															
polynuclear aromatic hydrocarbons (PAK)	[ug/l]	0,4	0,6	0,4	0,6	0,4	0,6	0,2	17,1	0,2	17,1	-	0,1 (6 compounds)	0,2	< 0,2
petroleum-derived hydrocarbons (MKW)	[mg/l]	0,1	3,1	0,1	3,1	0,1	3,1	0,1	6,5	0,1	6,5	-	-	0,2	< 0,2

critical parameter, treatment necessary

treatment maybe necessary not generally

no critical parameter

① Aims of the German working group on water issues of the Federal States and the Federal Government (LAWA) for surface water, usage as potable water (1998) ② Permissible of the German Drinking Water Ordinance (2001)
 ③ Control value for seepage of the German Federal Soil Protection Act an Ordinance (1999) according to § 8 1.2 ④ The aims of the system refer to average annual loads
 ⑤ Nitrate cannot be reduced significant with this filter



3P Hydrosystem 400

3P Hydrosystem 400 roof
 Item No. 3100400
 Total area roof: 175 m²

3P Hydrosystem 400 traffic
 Item No. 3100410
 Total area traffic: 130 m²

3P Hydrosystem 400 heavy traffic
 Item No. 3100420
 Total area heavy traffic: 100 m²

3P Hydrosystem 400 metal
 Item No. 3100430
 Total area metal: 130 m²

Hydrosystem 400 metal Cu
 Item No. 3100600
 Total area metal: 130 m²

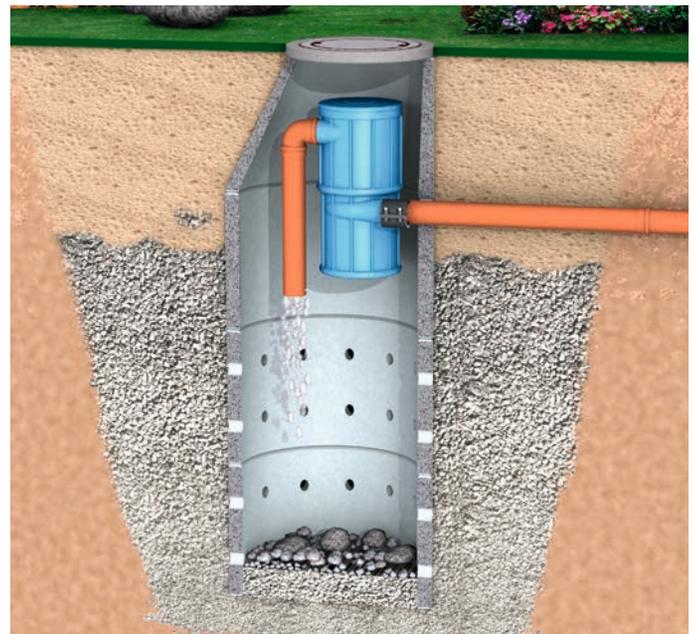
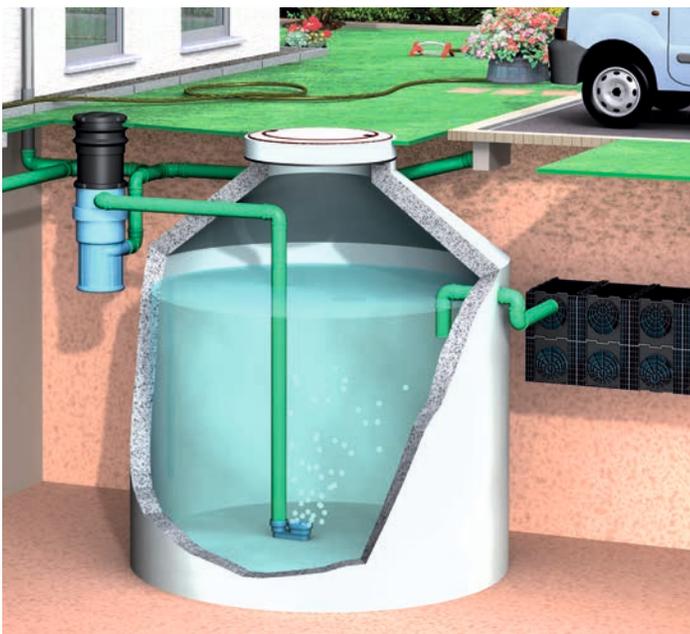
Hydrosystem 400

A specialist rainwater filter, suitable for installation directly in the ground. Connectable areas from 100 to 175m², depending on filter type. The HS 400 Filter uses an up-flow process. This means there is a minimal head loss between the inlet to outlet.

The cleaned water is of an outstanding water quality. The rainwater is treated within the Unit by the following processes: sedimentation, filtration, adsorption and precipitation.

The first treatment step takes place in the Dynamic Separator, where sedimentation of solid particles occurs within a radial flow regime, characterised by secondary flows. A settling funnel to the silt trap chamber entrance ensures sediments are not remobilised. Above the separator are the filter inserts, which cover the entire diameter of the unit's housing. Water flows upwards through the removable filter element. As a result of the upward flow of the filter element, and that the filter remains saturated, filter clogging by solids is very limited and slow.

Type	Item No.	Nature of the surface to be drained	Size of the surface to be drained	Item No. of filter element	Total Weight
heavy traffic	3100420	Highly polluted traffic areas (car parks in front of supermarkets, main roads, HGV access roads)	100 m ²	3100425	24 kg
traffic	3100410	Slightly polluted traffic areas (side streets, staff car parks, yards)	130 m ²	3100415	27 kg
roof	3100400	Roofs without a significant proportion of uncoated metals (< 50 m ²)	175 m ²	3100415	27 kg
metal	3100430	Roofs made of uncoated metals (zinc, lead)	130 m ²	3100435	27 kg
metal Cu	3100600	Roofs made of uncoated metals (copper)	130 m ²	3100610	47 kg



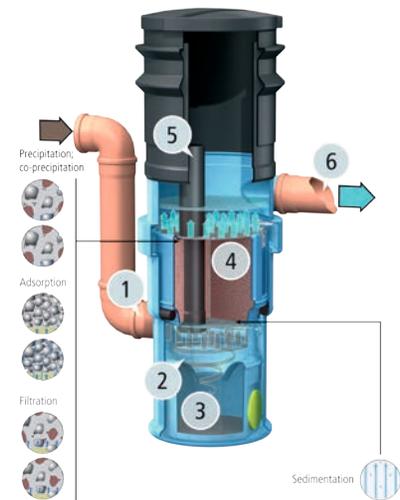
3P Hydrosystem 400 + 400 Cu

How it works:

1. The rainwater from the drained area is fed into the inlet, which is at the lower end of the shaft.
2. Here, sedimentation of particles, especially the sand fraction and above, takes place in the hydrodynamic separator. This is due to turbulent secondary flows within a radial laminar flow regime.
3. The solids are collected via an opening in the silt trap chamber. This chamber is a removable container, with a side outlet port to aid cleaning.
4. The filter element is located in the middle of the filter shaft. With this filter element,

the finer particles are filtered from the upflow of waters. The dissolved pollutants are precipitated and adsorbed and adsorbed. The filter is easily exchanged, once exhausted or blocked.

5. Emergency overflow
6. Cleaned water outlet, to infiltration system, rainwater storage tank or surface water discharge.



3P Hydrosystem 400

Technical Data Hydrosystem 400:

Rainwater filter complying with DIN 1989-2, Typ B;
 Connections: DN 100
 Housing material: Polyethylene
 Housing weight: 7 kg
 Total weight: 37 kg
 Material telescopic extension: Polyethylene
 Weight: 5 kg
 Material filter element: Filter substrate
 Filter element weight: 27 kg

Accessories Hydrosystem 400:

Accessory 1:

3P Telescopic extension
 Item No. 1000560
 The 3P Hydrosystem 400 is combined with the 3P telescopic extension (see fig. A, right) for installation directly into the ground. Its height can be adjusted from 250 to 750 mm.



Accessory 2:

3P Filter element
 Item No. 3100425 heavy traffic
 Item No. 3100415 roof / traffic
 Item No. 3100435 metal



3P Hydrosystem 400 Cu

Technical Data Hydrosystem 400 Cu:

Rainwater filter complying with DIN 1989-2, Typ B;
 Connections: DN 100
 Housing material: Polyethylene
 Housing weight: 10 kg
 Total weight: 61 kg
 Material telescopic extension: Polyethylen
 Weight: 5 kg
 Material filter element: Filter substrate
 Filter element weight: 47 kg

Accessories Hydrosystem 400 Cu:

Accessory 1:

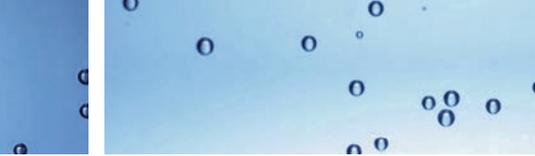
3P Telescopic extension
 Item No. 1000560
 Plastic shaft for installation directly in the ground, the 3P Hydrosystem 400 Cu is combined with the 3P telescopic extension (see fig. B, right) for installation directly into the ground. Material: Polyethylene, Total height 600 mm, its height can be adjusted from 250 to 750 mm.



Accessory 2:

3P Filter element 400 Cu
 Item No. 3100610





General Business Terms and Conditions

1. General

To all our offers, sales and deliveries the following Terms shall apply exclusively. The Buyer fully comwiths to this provision when placing an order. Any deviating terms shall only apply if especially agreed and confirmed by us in writing. Any amendment to individual provisions contained herein is without prejudice to the others. The Buyer's purchasing terms are not binding for us, even if we don't expressly object to them. No rights and duties arising from the contract of sale may be assigned to third parties without our express consent. Until an agreement to the contrary has been entered into, these terms apply to all current and future business transactions, even if for an individual order placement within the framework of an existing business relationship these Terms are not expressly referred to.

2. Offers, application-technical advice and reservation of change

Offers are always subject to change, even if not agreed so expressly. Application, use and processing of the procured goods are solely the Buyer's responsibility. The Seller's written application-technical advice is just such non-binding support. It does not exempt the Buyer from his duty to inspect the products for their suitability for the intended processes and purposes. If the Seller can be made liable nonetheless, such liability is liwithed to the value of the goods supplied by him. The Seller reserves the right to design changes; a written notification of such is not necessary. Illustrations and technical data are for general information; the technical data shall only be binding if expressly confirmed by us.

3. Orders

Orders shall only be deemed accepted if confirmed by us in writing. If there is an immediate delivery without such prior confirmation, the invoice serves as such order confirmation.

4. Prices

Our prices are subject to change and apply from the place of delivery excluding postage and packaging, freightage, other forwarding charges, insurance, customs duties and assembly. Any increase in the calculated prices because of increases in wages, commodity prices, freightage, taxes, customs duties, levies or other charges or the taking effect of such charges arising between conclusion of the contract and delivery entitle us to an appropriate price increase if legally admissible. The calculation shall be based upon the number of units ascertained with us.

5. Delivery

We reserve the right to individually agree the delivery time for any order. In cases of an impossibility of shipment without our fault, the deadline shall be deemed kept when our readiness for shipment is reported in time. The Buyer must accept partial deliveries. 10%-margin over and underdeliveries are admissible. We are only contractually bound to keep within the agreed delivery periods if production is undisturbed. The results of force majeure, disruptions, measures taken by the authorities, a lack of raw materials and supplies at the time of production and other unforeseeable circumstances arising at our or our suppliers' plants entitle us to annul our delivery obligations either in part or in full. Non-compliance with confirmed delivery periods does not entitle the Buyer to claims for damages or to a cancellation of the order. We are entitled but not contractually bound later to supply the outstanding quantity of goods. Claims for damages for non-fulfilment or belated fulfilment are hereby excluded. The risk is transferred to the Buyer upon the goods leaving the production site or reporting our readiness for shipment. This does also apply in cases of partial deliveries or c.p. deliveries and/or if the supplier is also to render other services like delivery and set-up. If not otherwise instructed, the route and means of shipment is at our discretion without any liability for the cheapest and fastest shipment. Shipment shall always be at the Buyer's risk, even in cases of c.p. delivery and reservation of ownership. If not agreed otherwise, packaging is at our discretion. It will be invoiced at applicable prices and not taken back.

6. Complaints

Complaints because of the weight, number, quality or workmanship of the goods, if not nullified by our terms of sale, can only be taken into account if brought to our attention forthwith, i.e. no later than seven days after the receipt of the goods at the place of delivery, and in writing. Later notices of defect shall not be considered.

7. Warranty

Our products are subject to the statutory guarantee as of the date of delivery. Our warranty is liwithed to the free replacement of the defective goods if that is possible. The defective parts have to be returned to us at our request; if replaced by non-defective parts we regain ownership. The Buyer has to grant the supplying company the time and free opportunity to make the changes the Supplier sees fit and to deliver spare parts or replacements and to make available to him free assistance. Otherwise, the supplying company is exempted from liability for defects. Only in urgent cases, e.g. a danger to industrial safety, and if the Supplier has been informed of such circumstances forthwith shall the Buyer be entitled to remedy the defect himself or have it remedied by third parties and to demand appropriate compensation for these costs from the Supplier. Of the direct costs incurred by the remedy and/or delivery of the replacement the Supplier shall bear the replacement part costs if the complaint was justified. All other costs are at the Buyer's expense. Damages of any kind because of defective delivery, especially also compensation for a loss of profit, secondary damage, and any rehibitory action are hereby excluded. We are only liable for co-delivered external products as far as our Suppliers have assumed such. Any return of defective goods requires our prior consent and has to be c.p. The Buyer may only remedy the defects if the Supplier agrees. Any liability of the Supplier for repairs done by the Buyer or third parties without the Supplier's consent is hereby excluded. The liability does not include compensation for further direct or indirect damage. We are not liable for parts subject to early usage because of their material condition.

8. Reservation of ownership

Ownership shall only be transferred to the Buyer if he has paid all our receivables arising from the contract of sale in question in full. Any acceptance of cheques and B/Es is for payment only; therefore, ownership will only be transferred when the debt is fully redeemed. Payment by cheque and a simultaneous establishment of a financing relationship shall not be deemed redemption. If the delivered goods or parts thereof are built into another object, this is without prejudice to our reservation of ownership; on the contrary, co-ownership on a pro-rata basis in terms of value is hereby agreed. Even if the Buyer has designated a certain receivable as redeemed, any payment is allocated to the oldest debt. The Buyer is entitled to process or sell the goods delivered under reservation of ownership in the ordinary course of business. However, he must not pledge them or assign them as security. If he sells or processes them, the Buyer hereby assigns to us for pro-rata collection all his invoiced receivables arising from the sale including all ancillary rights vis-a-vis third-party debtors. If the Buyer collects the assigned receivable himself this shall only be done in trust; the receivables collected for us have to be paid to us forthwith. At our request, the Buyer has to notify the subsequent buyers of this assignment and to give the information necessary for us to assert our rights vis-a-vis the subsequent buyer. The Buyer has to notify us forthwith of any distraint or infringement of our rights by third parties. In case the subsequent buyer does not pay cash forthwith, the Buyer has to reserve our extended ownership.

9. Payment

Payment is due 30 days after the date of the invoice net free. However, payment is due forthwith if the Buyer is in arrears regarding other receivables or we get to know of his financial situation having become unsafe through a petition for bankruptcy, an out-of-court or court settlement application, a B/E or cheque notice of dishonour, foreclosure or loss of a guarantor or any other incident pursuant to §321 BGB (Civil Code). In such a case we are entitled only to deliver against advance payment or withdraw from the contract. Down payments for ordered goods only have to be effected if listed in our order confirmation. Cash payment discounts are only granted if mentioned in our order confirmation. Deduction of discounts shall only be accepted if thus offset payables cover prior liabilities. Even if the Buyer has designated a certain receivable as redeemed, any payment is always allocated to the oldest debt. B/E payment has to be separately agreed. Cheques and B/Es are only accepted subject to honouring/encashment and only take effect upon such. Discount expenses are to be paid cash. B/Es drawn on secondary sites or abroad are not necessarily subwithted in time and a notice of dishonour cannot necessarily be rendered in time. If the Buyer is in default of payment in excess of the 30 days given above, interest on arrears in the order of the usual bank interest rates have to be paid. The Buyer is not entitled to retain payment for counter-claims or set off such.

10. Drawings

The recipient must not make drawings and documents of our company known to any third party whatsoever. Any violation of this provision gives rise to full damages. Any drawing or document sent with an offer has to be returned is an order is not placed.

11. The place of fulfilment and jurisdiction for delivery and payment is Göppingen. The place of jurisdiction for all disputes arising from the contractual relationship is Göppingen. These terms and Conditions are subject to the laws of the Federal Republic of Germany exclusively.

12. The ineffectiveness of individual provisions is without prejudice to the applicability of the remainder of the contract of sale or delivery and these Terms and Conditions.

More information: www.3ptechnik.com

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