



3P Technik Filtersysteme GmbH

Innovative Rainwater Harvesting

# 3P Sinus Filter SF

Rainwaterfilter ... for installation within rainwater tanks

Installation  
Installation-Instructions

Operating  
Operating-Instructions



Art.-Nr. 1000150

[www.3PTechnik.com](http://www.3PTechnik.com)

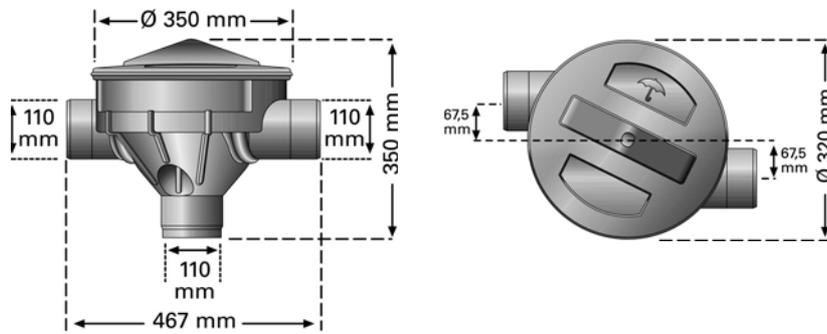
From our rainwater product range:



# 3P Sinus Filter SF

Please read the instructions for installation and handling of your 3P Sinus Filter SF rainwater filter carefully, and follow the advice.

## 1. Technical data



## 2. Installation advice

for a height difference in tank between inlet and outlet

**from 0 cm**



for a height difference in tank between inlet and outlet

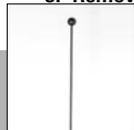
**from 11 cm**

**! Optimum installation situation !**



## Recommended Accessories

### 3P Removal Handle



For filter removal in deeper installations.  
Length 50 cm.  
Material Stainless Steel.  
Art.-Nr. 1000550

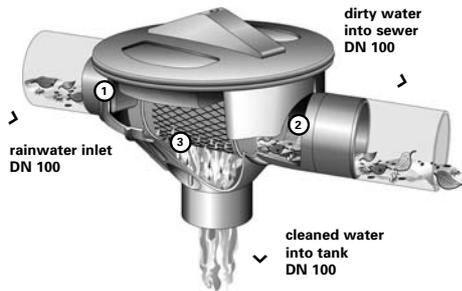
### 3P Rapid Connector



For a simple and rapid connection of the filter within tanks  
Art.-Nr. 1000210

# 3P Sinus Filter SF

### 3. How it works

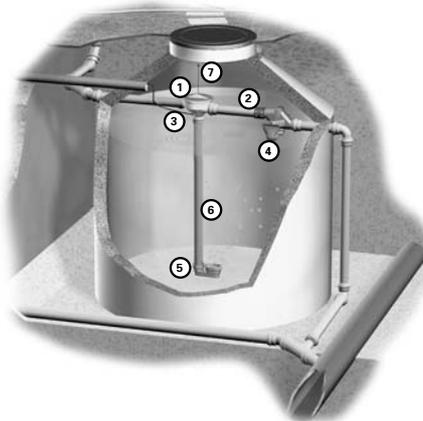


- ① Rainwater is led onto the filter cartridge and is slowed down through the inclination of the cartridge.
- ② Due to its smooth surface structure the dirt is quickly rinsed away into the sewer.
- ③ The filter cartridge cleans the rainwater. The cleaned rainwater is then led into the rainwater tank.

### 4. Installation advice

- Connect up the Inlet with a socket pipe connection, or a connector piece.
- Connect the Overflow to the Tank Overflow Outlet or to a 3P Overflow Siphon Duo with a socket connector pipe, or use a 3P Rapid Connector.
- Connect a Calmed Flow Inlet via a vertical pipe, cut to the required length. The Sinus Filter can be fully supported by this standing pipe and 3P Calmed Inlet.

### 5. 3P Sinus Filter in tank



- ① 3P Sinus Filter with:
- ② - 3P Rapid Connector
- ③ - Connection for optional 3P Backwashing Device
- ④ - 3P Overflow Siphon Duo
- ⑤ - 3P Calmed Flow Inlet
- ⑥ - Standing Pipe
- ⑦ - 3P Removal Device

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**3P Backwashing Device SF + PF**

+ Backwashing Device  
+ Profi Connection Set

Art.-Nr. 1000355



**3P Automatic Backwashing Device SF + PF**

+ Backwashing Device  
+ Profi Connection Set  
+ Programmable  
Timing Device

Art.-Nr. 1000356



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## 6. Maintenance advice

Monitor the filter condition regularly.

Maintenance inspections are especially useful in spring and autumn, and after long dry periods!

When testing the sieve, examine the filter by holding up against the light and inspect for any blocked holes in the filter mesh.

As necessary clean the filter with a brush, using a little washing up liquid to help dissolve any fatty deposits or hydrocarbon build up.

You may also put the filter insert into a dishwasher.

The filter insert is made of stainless steel.

With horizontal situated filters, like the 3P Sinus Filter, a streak of dirt may build up which dries out after a while. The dirt then peels away or breaks off and with the next rain shower it is rinsed away.

Use of the Optional Backwashing Device (see page 3)!

The filter is simply and easily cleaned with the backwashing device.

A small jet nozzle is installed below the filter sieve.

In the 3P Compact Filter the filter cartridge rotates rapidly during rinsing.

The strong jet of water rinses the mesh effectively and dislodges the dirt and also the filter cartridge is typically left in an alternate position.

3P Backwashing Device  
SF + PF



## 7. Guarantee

3P Technik Filtersysteme GmbH offers this product the guarantee required by law (from date of purchase).

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