

# Vortex fine filter WFF 100 (up to 200 m<sup>2</sup>/2.153 sq. ft)



Rainwater filter for installation in horizontal rainwater pipes below ground and inside buildings (for example industrial use). Optional with a 50 cm (1.6 ft.) extension tube to lift the inspection opening to the ground level. Rainwater inlet free rotatable. **German standard ATV: Tested for vehicles up to 30t.**

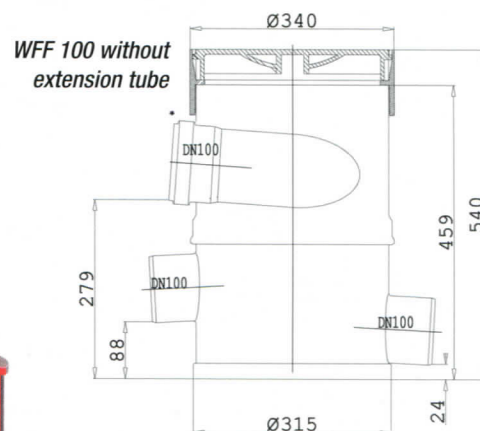
Housing of polypropylene (PP), filter insert of stainless-steel, extreme low maintenance, dishwasher safe. Filter mesh size 0,28 mm (0.01 in.) (basic version) or 0,44 mm (0.02 in.).

Drainage safety according to DIN EN 12056 / EN 752, meets DIN 1989



WFF 100

**30t** carries vehicles up to 30 t. Vehicles according to DIN 1072/SLW30.



WFF 100 without extension tube



Rainwater inlet DN 100 (3.9 in.)

Outlet to sewer or soakaway DN 100 (3.9 in.)

Filtered water outlet to the storage tank DN 100 (3.9 in.)

WFF 100

## Advantages of the WISY-filter

- drainage safety
- complete dirt separation
- oxygenation of the rainwater through vorticity of the rainwater
- extremely low maintenance
- high water collection efficiency



Lifting handle

Filter insert removable for cleaning

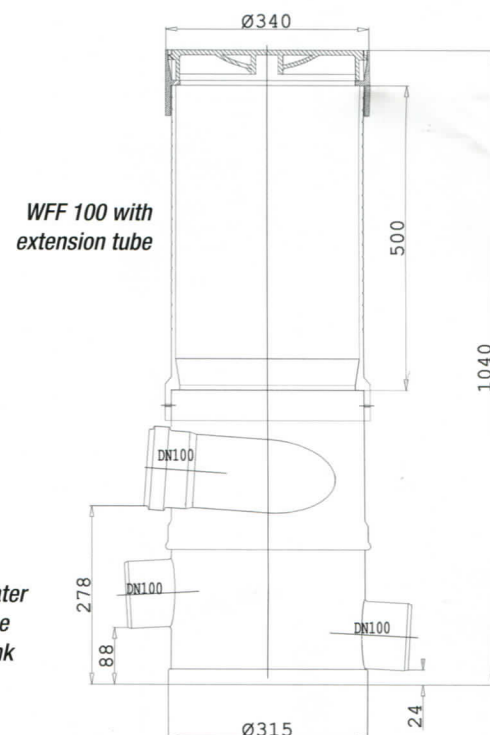
Filter insert

Rainwater inlet

Filtered water outlet to the storage tank

Outlet to sewer or soakaway

WFF 100



WFF 100 with extension tube

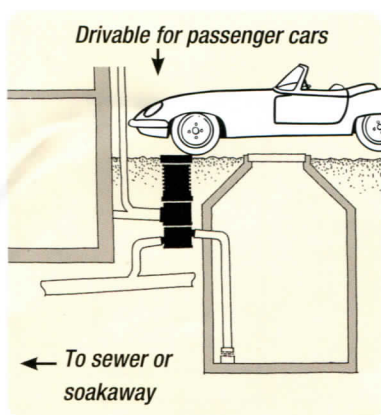


**SUPERPLASTIC**

# Vortex fine filter WFF 100 (up to 200 m<sup>2</sup>/2.153 sq. ft)



WFF 100 with seepage sieve



Wall bracket for concrete storage tanks

## Vortex fine filter WFF 100

## Item number

consists of housing, final ring with housing lid/cover and lifting handle (30 cm/11.8 in.) in the following types

- WFF 100 with extension tube filter insert 0,28 mm (0.01 in.) WF 20 11
- WFF 100 with extension tube filter insert 0,44 mm (0.02 in.) WF 20 12
- WFF 100 without extension tube filter insert 0,28 mm (0.01 in.) WF 20 02
- WFF 100 without extension tube filter insert 0,44 mm (0.02 in.) WF 20 01

## Spare parts for WFF 100

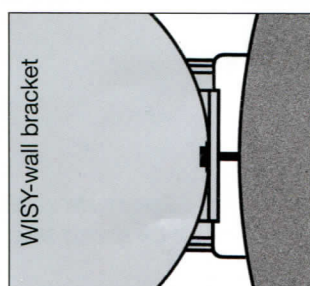
## Item number

- Housing lid/cover WN 10 02
- Final ring ZW 10 00
- Filter insert of stainless-steel
  - Mesh size (0.28 mm) (0.01 in.) WE 03 05
  - Mesh size (0.44 mm) (0.02 in.) WE 03 06
- Stainless-steel lifting handle. To remove the filter insert for cleaning.
  - Length 30 cm (11.8 in.) (standard length) WA 03 01
  - Length 63 cm (2 ft.) WA 03 02
  - Length 100 cm (3.3 ft.) WA 03 03
- Demonstration model WFF 100 WS 20 01

## Accessories for WFF 100

## Item number

- Additional extension tube WV 10 10
  - length 50 cm (1.6 ft.) of polypropylene (PP) to lift the inspection opening to ground level. The extension tubes are fitted with a collar to fit the filter housing. Easily cut length due to the moulded-in parallel cutting lines. Up to two extension tubes can be combined.
- Blind insert of stainless-steel (VA) BE 03 05
  - Replaces the filter insert to prevent any water from entering the storage tank e.g. during maintenance etc. (without image)
- Seepage sieve of stainless-steel (VA) VS 03 04
  - For trapping the fine and coarse dirt from the rinsing and excess water, if this water is not diverted to the sewer but to a soakaway. Mesh size: 1.6 mm (0.06 in.).
- Stainless-steel (VA) WH 03 03
  - wall bracket. For mounting at a vertical wall
- Stainless-steel (VA) WH 04 00
  - wall bracket for concrete storage tanks



For fixing the vortex fine filter: Wall bracket to adjust at each storage form



**SUPERPLASTIC**



# Vortex fine filter WFF 150 (up to 500 m<sup>2</sup>/5.382 sq. ft.)

Rainwater filter for installation in horizontal rainwater pipes below ground and inside buildings (for example industrial use). Optional with a 50 cm (1.6 ft.) extension tube to lift the inspection opening to the ground level. Rainwater inlet free rotatable. **German standard ATV: Tested for vehicles up to 30t.**

Housing of polypropylene (PP), filter insert of stainless-steel, extreme low maintenance, dishwasher safe. Filter mesh size 0,28 mm (0.01 in.) (basic version) or 0,44 mm (0.02 in.)

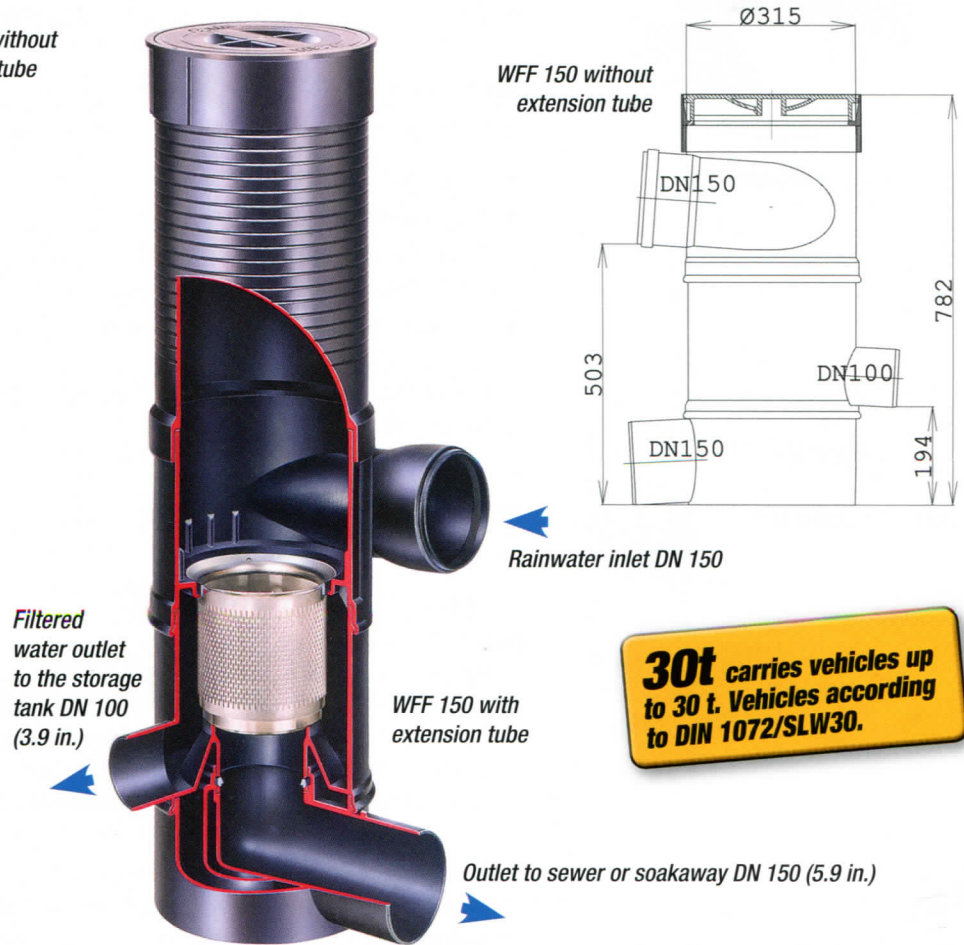
Drainage safety according to DIN EN 12056 / EN 752, meets DIN 1989



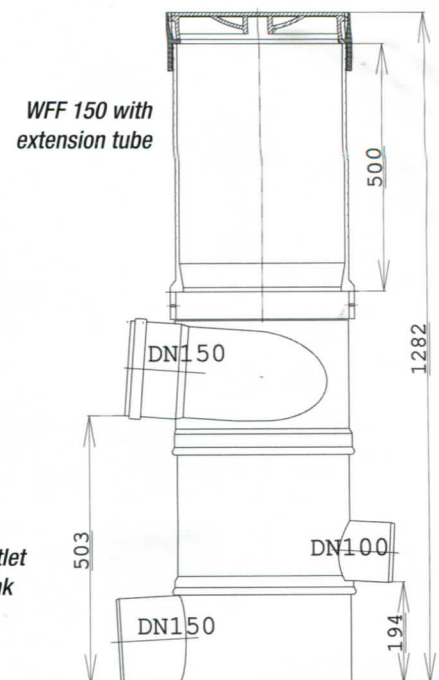
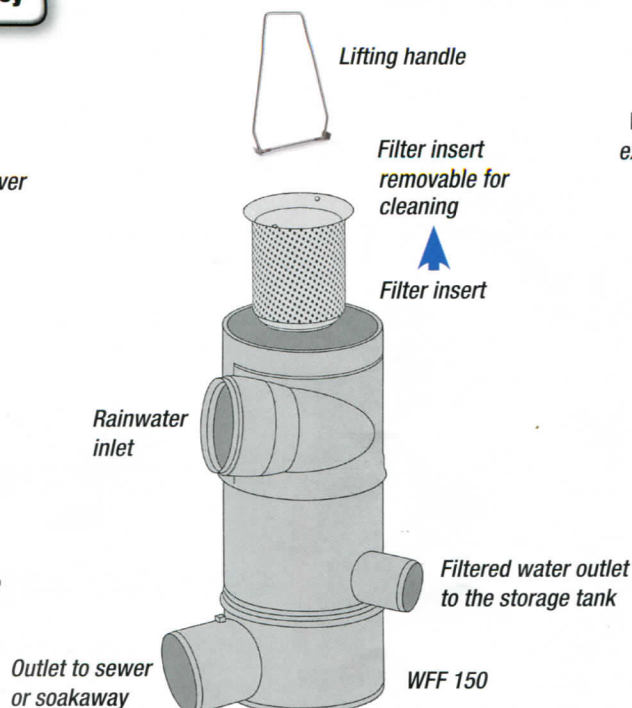
WFF 150 without extension tube

## Advantages of the WISY-filter

- drainage safety
- complete dirt separation
- oxygenation of the rainwater through vorticity of the rainwater
- extremely low maintenance
- high water collection efficiency



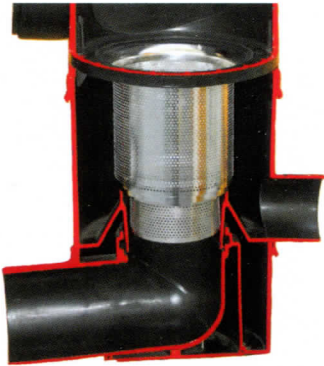
**30t** carries vehicles up to 30 t. Vehicles according to DIN 1072/SLW30.



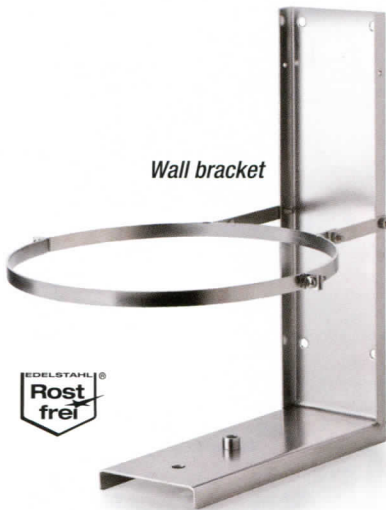
**SUPERPLASTIC**

Quai Timmermans 44 • B - 4000 Liège | Tel +32.4.252.98.70 | [www.superplastic.be](http://www.superplastic.be)

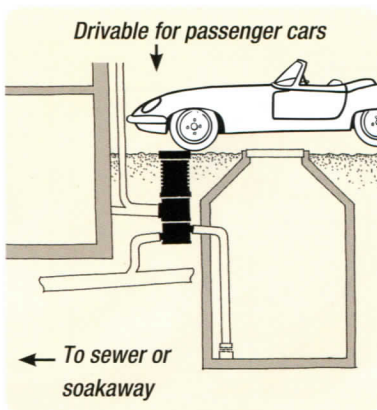
# Vortex fine filter WFF 150 (up to 500 m<sup>2</sup>/5.382 sq. ft.)



WFF 150 with seepage sieve



Wall bracket



Drivable for passenger cars

To sewer or soakaway



Wall bracket for concrete storage tanks

## Wirbel-Fein-Filter WFF 150

Item number

consists of housing, final ring with housing lid/cover and lifting handle (30 cm/11.8 in.) in the following types

● WFF 150 with extension	tube filter insert 0,28 mm (0.01 in.)	WF 10 11
● WFF 150 with extension	tube filter insert 0,44 mm (0.02 in.)	WF 10 12
● WFF 150 without extension	tube filter insert 0,28 mm (0.01 in.)	WF 10 02
● WFF 150 without extension	tube filter insert 0,44 mm (0.02 in.)	WF 10 01

## Spare parts for WFF 150

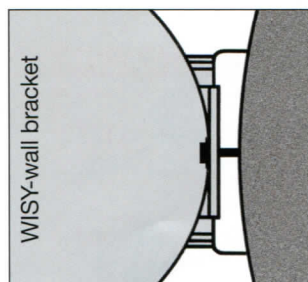
Item number

● Housing lid/cover	WN 10 02
● Final ring	ZW 10 00
● Filter insert of stainless-steel	
Mesh size (0.28 mm) (0.01 in.)	WE 03 00
Mesh size (0.44 mm) (0.02 in.)	WE 03 01
● Stainless-steel lifting handle.	
To remove the filter insert for cleaning.	
Length 30 cm (11.8 in.) (standard length)	WA 03 01
Length 63 cm (2 ft.)	WA 03 02
Length 100 cm (3.3 ft.)	WA 03 03
● Demonstration model	
WFF 150	WS 10 01

## Accessories for WFF 150

Item number

● Additional extension tube	WV 10 10
length 50 cm (1.6 ft.) of polypropylene (PP) to lift the inspection opening to ground level. The extension tubes are fitted with a collar to fit the filter housing. Easily cut length due to the moulded-in parallel cutting lines. Up to two extension tubes can be combined.	
● Blind insert of stainless-steel (VA)	
Replaces the filter insert to prevent any water from entering the storage tank e.g. during maintenance etc. (without image)	BE 03 02
● Seepage sieve of stainless-steel (VA)	
For trapping the fine and coarse dirt from the rinsing and excess water, if this water is not diverted to the sewer but to a soakaway.	
Mesh size: 1,6 mm (0.06 in.).	VS 03 01
● Stainless-steel (VA) wall bracket.	WH 03 03
For mounting at a vertical wall	
● Stainless-steel (VA) wall bracket	
for concrete storage tanks	WH 04 00



For fixing the vortex fine filter: Wall bracket to adjust at each storage form



Rainwater inlet

Outlet to sewer or soakaway

WISY-wall bracket



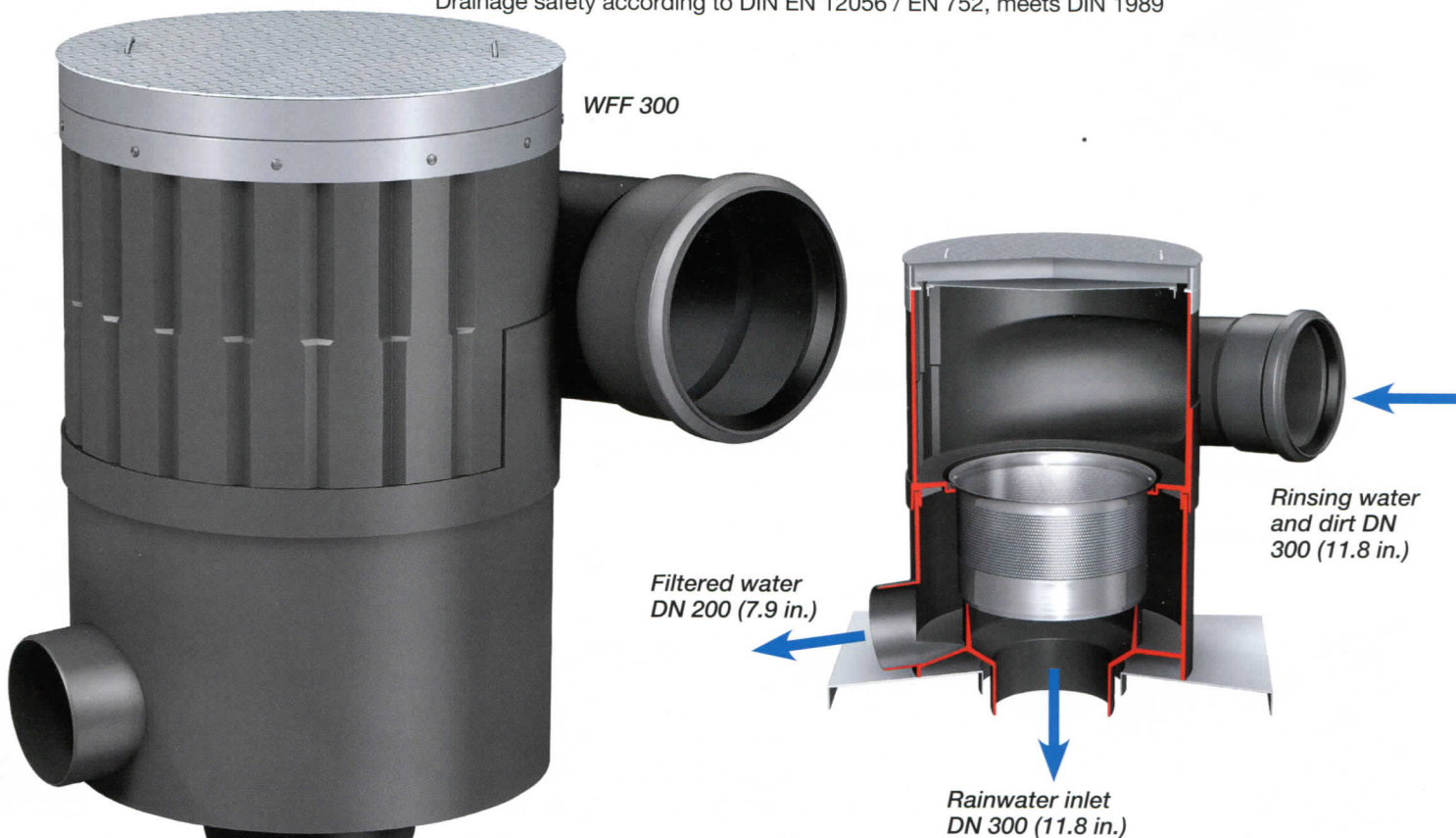
**SUPERPLASTIC**



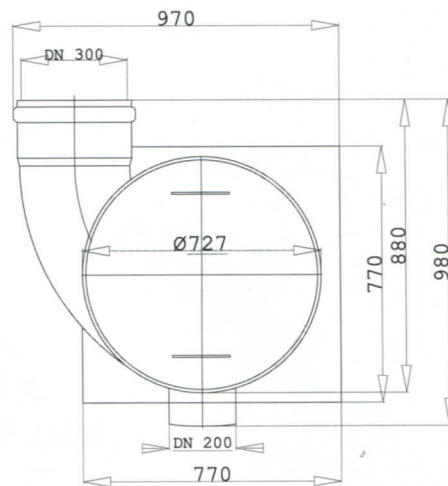
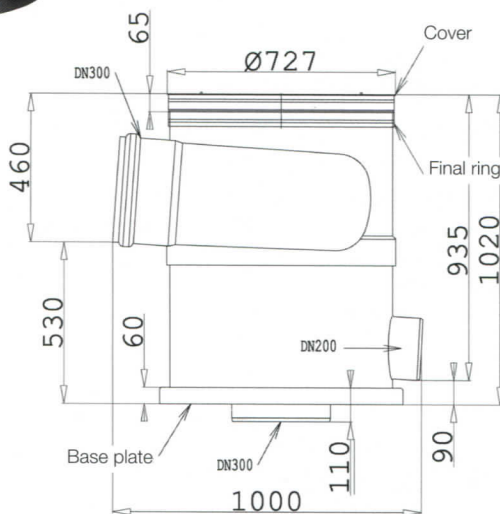
# Vortex fine filter WFF 300 (up to 3.000 m<sup>2</sup>/32,280 sq. ft)

Rainwater filter for installation below ground or inside buildings (for example industrial use). **Trafficability tested in accordance with German standard ATV guiding rules. According to the cover drivable up to 60 t.** Housing of polypropylene (PP). Filter insert of stainless-steel. Filter mesh size **0.38 mm (0.015 in.)**. The unit consists of housing, final ring with certified child safety device, aluminium or steel cover, filter insert, baseplate and 50 cm (1.6 ft.) lifting handle of stainless-steel.

Drainage safety according to DIN EN 12056 / EN 752, meets DIN 1989



**Drivable up to 60t**  
According to cover version



## Vortex fine filter WFF 300

## Item number

- WFF 300  
with steel cover, carries vehicles up to **12 t**  
(vehicles according to DIN 1072/SLW60) WF 3011
- WFF 300  
with steel cover, carries vehicles up to **60 t**  
(vehicles according to DIN 1072/SLW60) WF 3001
- WFF 300  
with aluminium cover, **passable on feet** according to DIN 1989-3 WF 3012



**SUPERPLASTIC**

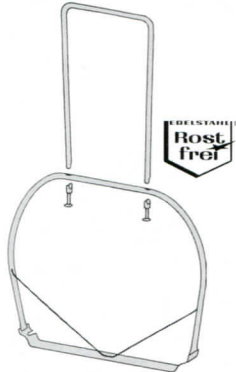
Quai Timmermans 44 • B - 4000 Liège | Tel +32.4.252.98.70 | [www.superplastic.be](http://www.superplastic.be)

# Vortex fine filter WFF 300 (up to 3.000 m<sup>2</sup>/32,280 sq. ft)

Housing cover (Aluminium or steel)

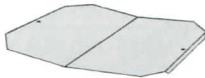


Extension handle

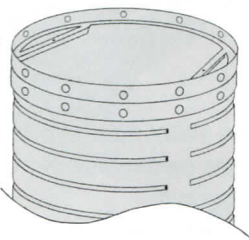


Lifting handle

Child safety device



Final or intermediate ring



Cutting lines

Extension tube

Filter insert



Final or intermediate ring

Rainwater inlet

Filtered water outlet to the storage tank

Outlet to sewer or soakaway

Baseplate

## Spare parts

## Item number

- Filter insert of stainless-steel (VA), mesh size **0,38 mm 0.015 in.** WE 0307
- Stainless-steel lifting handle, length 50 cm (1.6 ft.) for **basic equipment**, to lift the filter insert for inspection. WA 0305
- Steel cover non-slip  
Carries vehicles **up to 12 t** (DIN 1072/LKW12) WF 4011  
Carries vehicles **up to 60 t** (DIN 1072/SLW60) WF 4001
- Aluminium cover non-slip, **pedestrian duty according** to DIN 1989-3 RS 1031
- Demonstration model WS 3001

## Accessories

## Item number

- Stainless-steel lifting handle  
Length 50 cm (1.6 ft.) WA 0307  
Length 100 cm (2.5 ft.) WA 0309
- Extension tube (**PE**) to lift the inspection opening to ground level.  
Diameter 70 cm (2.3 ft.). Length can be chosen up to 140 cm (4.6 ft.), price per 10 cm (4 in.) RV 1010
- Intermediate ring: necessary to connect the extension tube RS 1020
- Final ring with certified child safety device for the connection of the cover with the housing RA 1020
- Seepage sieve **On request** VS 0310

## Advantages of the WISY-filter

- drainage safety
- complete dirt separation
- oxygenation of the rainwater through vorticity of the rainwater
- extremely low maintenance
- high water collection efficiency



**SUPERPLASTIC**

Quai Timmermans 44 • B - 4000 Liège | Tel +32.4.252.98.70 | [www.superplastic.be](http://www.superplastic.be)