

Description:

Rainwater filter for 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. Frost resistant.

Self cleaning. Low maintenance intervals, filter insert is easily removed for cleaning and does not have to be changed.

Optional dirt retention basket can be supplied.

Connection capacity according to DIN 1986 for roof areas up to 350 m².

Max. Flow Rate Sieve insert 1,5 l/sec = 5,4 m³ cleaned water per hour.

Height difference between inlet and outlet just 300 mm.

The cleaned water can be used in washing machines, toilet flushing and garden watering, in homes, in commerce, in public buildings and in industry.

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



How it works:

1. As water arrives the level builds up and is equally distributed across the cascade.
2. Pre cleaning through the cascades. Largest dirt particles are led across the primary filter cascades directly to the sewer.
3. Pre filtered water then flows over the secondary filter sieve (mesh size 0,65 mm). Due to the special mesh structure of the sieve, any dirt washes directly into the sewer which means the filter is self cleaning, with very low maintenance.

4. Cleaned water flows to the cistern.
5. Dirt goes to the sewer.



Filter according to DIN 1989-2, Typ C

Connection inlet: 2 x DN 110
Outlet into tank: DN 110
Outlet into sewer: DN 125

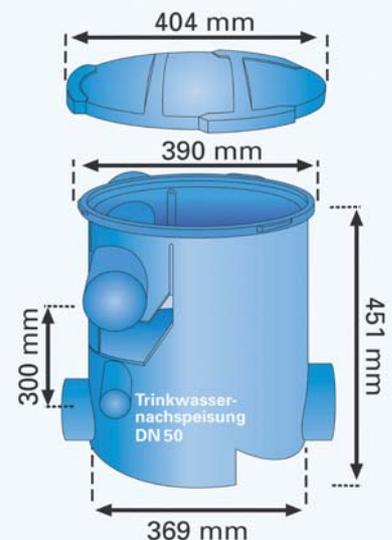
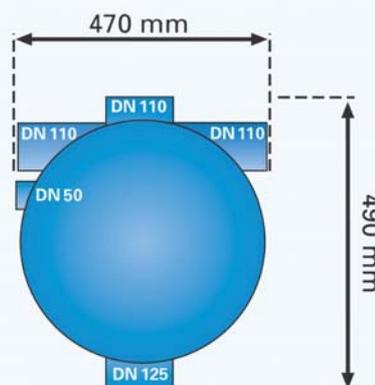
Height difference between rainwater inlet and outlet 300 mm.

Housing material: Polyethylen

Filter cartridge: Stainless steel 1.4301
Mesh size: 0,65 mm

Material Cascade insert: Polyethylen

Weight: 6,2 kg



Example 1:

Installation with telescopic extension in the ground before a plastic tank.

**Example 2:**

Installation before a concrete tank.

**Text for invitation of tenders:**

Pos.	Quantity	Article	Price in €
1.1		3P Volume Filter VF1 Filter for installation in tanks or directly in the ground before the tank. Inlet rainwater 2 x DN 110, Outlet into storage DN 110, Outlet into sewer DN 125. Height difference between inlet and outlet: 300 mm. Connection capacity according to DIN 1986 for roof areas up to 350 m².	_____
1.2		Telescopic extension for 3P Volume Filter VF1 Plastic (PE) shaft for the installation of 3P Volume Filter VF1 Telescopic extension can be directly connected with the 3P Volume Filter VF1 with a bayonet fitting.	_____
1.3		3P Removal Handle for VF1 For filter removal in deeper installations.	_____

Accessories 1:

3P Telescopic Extension Art.-Nr. 1000560
 Plastic shaft for the installation directly in the ground. Material Polyethylen.

**Accessories 2:**

Removal Handle Art.-Nr. 1000550
 For filter removal in deeper installations.
 Length: 50 cm
 Material: Stainless steel

**Observations:****Packing unit:**

m³-Carton: 8 pieces
 Pallet: 16 pieces

EAN:

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