

## Description:

Rainwater filter with integrated dirt retention basket for installation into the ground before the rainwater tank.

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

The 3P Attenuation and Infiltration Filter XL is ideal for systems which use the cleaned water for flushing the toilet, washing machine and for watering the garden and where the rainwater has to be infiltrated. That means where no connection with a sewer is possible for draining rainwater runoff or the runoff can only be led to the sewer by means of a retention regulator.

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

The lower adapter is used as inlet to the rainwater tank.

Connection capacity:  
for roof areas up to 387 m<sup>2</sup> / 1347 m<sup>2</sup>

All connections: DN 125 / DN 200

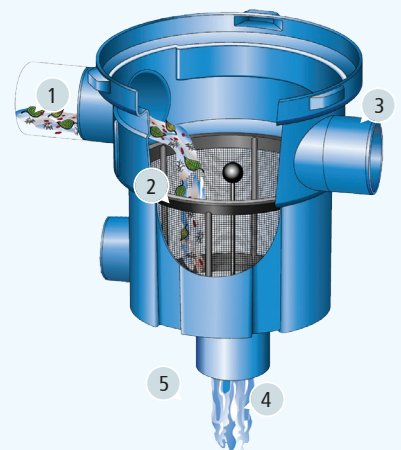
The cleaned water can be used for toilet flushing, washing machine and for garden watering

The filter has to be cleaned depending on the contamination several times during the year



## How it works:

1. Rainwater is led through the adapter DN 125 / DN 200
2. The dirt is detained in the dirt retention basket made of stainless steel, the basket has to be cleaned if necessary
3. One inlet DN 125 / DN 200 can also be used as an emergency overflow
4. Cleaned water flows over the inlet DN 125 / DN 200 into the rainwater tank
5. Use of a calmed inlet is possible



## Technical Data:

Rainwater filter according to DIN 1989-2, Typ B

Connection inlet: 2 x DN 125 / DN 200

Outlet to storage: DN 125 / DN 200

Emergency overflow or additional inlet:  
DN 125 / DN 200

Connection capacity:  
for roof areas up to 387 m<sup>2</sup> / 1347 m<sup>2</sup>

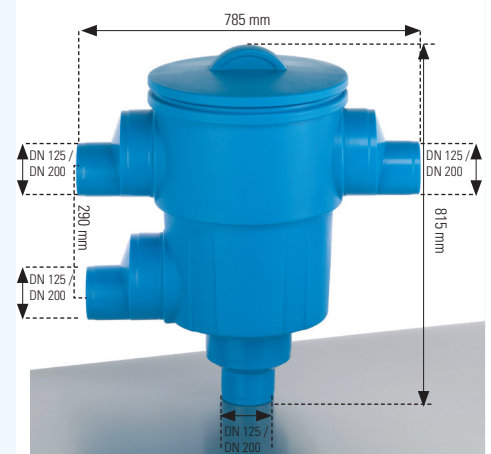
Housing material: Polyethylene

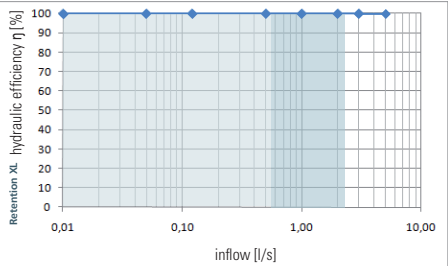
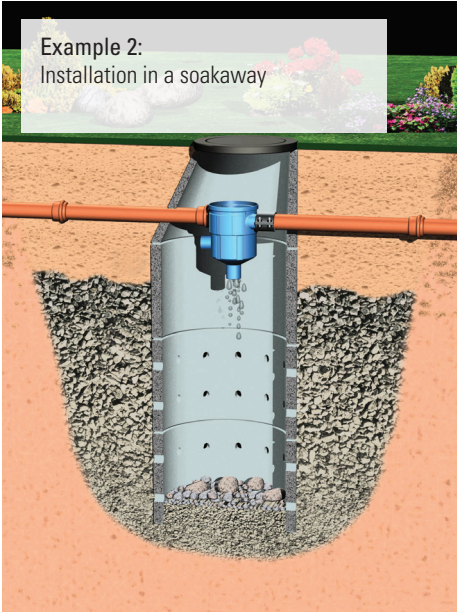
Material filter basket: Stainless steel 1.4301

Mesh size: 0,55 mm

Diameter: 785 mm, Height: 815 mm

Weight: 10 kg





Source: Prof. Dr.-Ing. Mathias Uhl Muenster University of Applied Sciences

DN 125: 80% of the average intensity of rainfall in Germany is under 15 l/(sxha), resulting a volume flow rate of 0,58 l/s with a roof area of 387 m².

DN 200: 80% of the average intensity of rainfall in Germany is under 15 l/(sxha), resulting a volume flow rate of 2,02 l/s with a roof area of 1347 m².

Diameter of tube	maximum flow rate	connectable area max. 200 l/(sxha)	connectable area max. 300 l/(sxha)
DN	l/s	m²	m²
125	11,6	580	387
200	40,4	2020	1347

Text for invitation of tenders:

Pos.	Quantity	Article	Price in €
1.1		3P Attenuation and Infiltration Filter XL Filter for installation in tanks or pre-shafts Inlet rainwater: 2 x DN 125 / DN 200, Outlet to storage: DN 125 / DN 200 Basket made of stainless steel, Mesh size: 0,55 mm, with removal handle Connection capacity according to DIN 1986: for roof areas up to 387 m² / 1347 m² at a rainfall intensity of 300 l/(sxha)	