

## Description:

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

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

The 3P Garden Filter XL 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.

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. There you can also install a calmed inlet.

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

All connections: DN 125 / DN 200

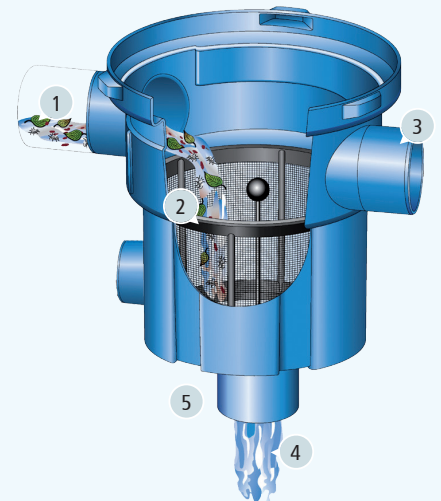
The cleaned water can be used for garden watering

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 plastics, 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:

Filter according to DIN 1989-2, Typ B

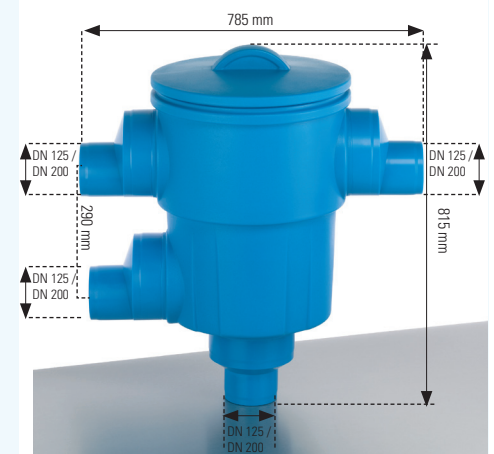
Connection inlet: DN 125 / DN 200  
 Outlet to storage: DN 125 / DN 200  
 Emergency overflow or additional inlet:  
 DN 125 / DN 200

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

Material housing: Polyethylene  
 Material filter basket: Polyethylene  
 Mesh size: 1 mm

Diameter: 785 mm, Height: 815 mm

Weight: 8 kg

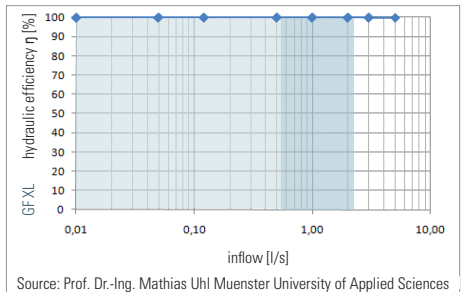




**Example 1:**  
Installation directly in a rainwater tank made of plastic



**Example 2:**  
Installation in a soakaway



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 m<sup>2</sup>.

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 m<sup>2</sup>.

Diameter of tube	maximum flow rate	connectable area max. 200 l/(sxha)	connectable area max. 300 l/(sxha)
DN	l/s	m <sup>2</sup>	m <sup>2</sup>
125	11,6	580	387
200	40,4	2020	1347

**Text for invitation of tenders:**

Pos.	Quantity	Article	Price in €
1.1	_____	3P Garden 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 Filter insert: plastic basket, Mesh size: 1 mm, with removal handle Connection capacity according to DIN 1986: for roof areas up to 387 m <sup>2</sup> / 1347 m <sup>2</sup> at a rainfall intensity of 300l/(sxha)	_____