



3P Technik Filtersysteme GmbH



The 3P RainBox collects and cleans the rainwater directly at the downpipe and distributes it to the place where you have the necessary space to store it. Therefore the 3P RainBox is suitable for every application and all local and structural conditions.

3P RainBox®

3P RainBox® Premium

Art.-Nr. 2000990

The 3P RainBox Premium can deliver water to your storage tank over a distance of 50 m and a height of 6 m.

Connection and installation

The 3P RainBox offers connection options for downpipes from 67 mm to 100 mm in the inlet area; the connection to the sewer can be made via a DN110 double socket. For the connection of the overflow, it is necessary that the standpipe, which represents the drainage into the sewer, is 70 mm above the top edge of the ground, so that the 3P RainBox can be connected here. A commercially available hose with a quick-release coupling can be connected via the side coupling, which is then fed into the storage container.

Function

The rainwater flows from the rainwater downpipe via the water diverter into the 3P RainBox. There, the filter basket with the 3P Filterpillows, the water is cleaned of solids and fines and reaches the lower area where the pump is installed. This then pumps the water via the hose into the storage container. If the amount of incoming rainwater is too large, the water is discharged into the sewer system via the internal bypass. This reliably prevents backwater and overflow.

*These specifications refer to the use of a 3/4" hose.



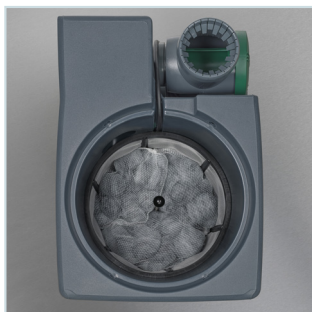
The 3P Rainbox is a holistic solution for rainwater management. With the 3P RainBox installed directly on the downpipe, you can collect the rainwater exactly where it falls, clean it of fine particles, leaves, solids and then convey it to where you can best ensure its storage on the property with a pump already integrated in this compact product. Here you are independent of the type of storage tank. It can be underground, above ground, made of plastic, concrete, fibreglass or any other sensible material and does not have to be installed in local connection with the downpipe.

This offers significant advantages, especially in the area of retrofitting existing systems. Storage tanks no longer have to be installed close to the house, but can be installed wherever the local conditions allow.

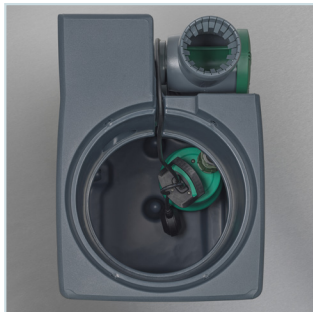
If your storage tank is full or you do not want to/are not able to pump water in winter, the water is discharged directly into the sewer via the internal bypass. In this case, the installed pre-filter functions as a water switch and with one turn you have your Rainbox in or out of operation.

Removing the pump in winter is just as easy. You simply disconnect the screw connection and remove the pump through the cover (see illustration).

View of the filter



View into the pump



Front



Connection situation



- | | |
|---------------------------------|----------------------|
| ① Downpipe | ⑥ Pump |
| ② Rainwater diverter | ⑦ Filter basket |
| ③ Overflow and bypass | ⑧ Filter inlet |
| ④ Sewer connection | ⑨ Inspection opening |
| ⑤ Water distribution connection | |





3P RainBox:

- ✓ 3D depth filtration
- ✓ Manual first flush
- ✓ Integrated pump
- ✓ Summer and winter operation
- ✓ Integrated overflow
- ✓ Automatic start function
- ✓ Easy installation and maintenance
- ✓ Retrofittable to any downpipe (60mm - 100mm)
- ✓ Can channel rainwater upwards
- ✓ Independent of rainwater tank location

...no more loss of valuable rainwater!

Robert-Bosch-Straße 16- 18
D-73337 Bad Überkingen

T +49 (0) 7334-92460-0
F +49 (0) 7334-92460-99

info@3ptechnik.de
www.3ptechnik.de

